Supplementary material for "A massive comparison of classifiers for real world problems: An incremental approach"

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Abstract

Classifiers...

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462 Detailed results for SDWD(ova) 5518
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467 Detailed results for SIMCA . . . 5579
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484 Detailed results for SVMTF . . . 5781
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487 Detailed results for TSVM . . . 5814
488 Detailed results for VBCARD . . . 5825
489 Detailed results for VBLR . . . 5837
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491 Detailed results for WildWood . . . 5861
492 Detailed results for WSRF . . . 5874
493 Detailed results for WSRFOREST . . . 5887
494 Detailed results for C5.0(R2)^{CV} Noise 1% . . . 5900
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496 Detailed results for ExtraTrees(SK) Noise 1% . . . 5921
497 Detailed results for LF Noise 1% . . . 5932
498 Detailed results for LMT^{CV} Noise 1% . . . 5942
499 Detailed results for RerF^{CV} Noise 1% . . . 5953
500 Detailed results for RF(SK)^{CV} Noise 1% . . . 5964
501 Detailed results for SVC^{CV} Noise 1% . . . 5975
502 Detailed results for SVM^{CV} Noise 1% . . . 5985
503 Detailed results for C5.0(R2)^{CV} Noise 5% . . . 5996
504 Detailed results for CALIFOREST(ova) Noise 5% . . . 6006
505 Detailed results for ExtraTrees(SK) Noise 5% . . . 6015
506 Detailed results for LF Noise 5% . . . 6025
507 Detailed results for LMT^{CV} Noise 5% . . . 6035
508 Detailed results for RerF^{CV} Noise 5% . . . 6045
509 Detailed results for RF(SK)^{CV} Noise 5% . . . 6055
510 Detailed results for SVC^{CV} Noise 5% . . . 6065
511 Detailed results for SVM^{CV} Noise 5% . . . 6075
512 Detailed results for C5.0(R2)^{CV} Noise 10% . . . 6085
513 Detailed results for CALIFOREST(ova) Noise 10% . . . 6095

514 Detailed results for ExtraTrees(SK) Noise 10% 6104
515 Detailed results for LF Noise 10% 6114
516 Detailed results for LMT^{CV} Noise 10% 6124
517 Detailed results for RerF^{CV} Noise 10% 6134
518 Detailed results for RF(SK)^{CV} Noise 10% 6144
519 Detailed results for SVC^{CV} Noise 10% 6154
520 Detailed results for SVM^{CV} Noise 10% 6163
521 Detailed results for C5.0(R2)^{CV} Noise 20% 6173
522 Detailed results for CALIFOREST(ova) Noise 20% 6183
523 Detailed results for ExtraTrees(SK) Noise 20% 6192
524 Detailed results for LF Noise 20% 6202
525 Detailed results for LMT^{CV} Noise 20% 6212
526 Detailed results for RerF^{CV} Noise 20% 6222
527 Detailed results for RF(SK)^{CV} Noise 20% 6232
528 Detailed results for SVC^{CV} Noise 20% 6242
529 Detailed results for SVM^{CV} Noise 20% 6251

1 Methods

Table 1: Summary of classification models

Group	Method	Acronym	Imp.	Source	Validated hyper-parameters
Support Vector Machines	1-slack QP with l1 slack penalty structured support vector machines[Joachims et al., 2009]	OneSlackSSVM	Python	https://pystruct.github.io/index.html	—
	Asymmetric Least Squares Loss Support Vector Classification[Huang et al., 2014b]	ALSLSVC(ovo, ova)	R	https://github.com/define957/SupportVectorLab	—
	Block-coordinate Frank-Wolfe optimization structured support vector machine[Lacoste-Julien et al., 2013]	FWSSVM	Python	https://pystruct.github.io/index.html	—
	Bounded Quantile Loss Support Vector Classification[Zhang and Yang, 2024]	BQLSVC(ovo, ova)	R	https://github.com/define957/SupportVectorLab	—
	Enhanced Feature Based Granular Ball Twin Support Vector Machine[Quadir et al., 2024]	EF-GBTSVM(ovo, ova)	Python	https://github.com/mtanveer1/EF-GBTSVM	—
	Generalized Multiclass Support Vector Machine[van den Burg and Groenen, 2016]	GENSVM	Python	https://github.com/GjjvdBurg/GenSVM	p, κ, λ
	Granular Ball Twin Support Vector Machine with Universum Data[Ganaie and Ahire, 2024]	GBU-TSVM(ovo, ova)	Python	https://github.com/ganaiemudasir05/GBU-TSVM/tree/main	—
	Hinge loss multiple birth support vector machine[Yang et al., 2013]	HMBSVM	R	https://github.com/define957/SupportVectorLab	—
	Hinge Loss Support Vector Classification[Lin et al., 2024]	HLSVC(ovo, ova)	R	https://github.com/define957/SupportVectorLab	—
	Hinge Loss twin support vector machine[Zhang and Yang, 2024]	HTSVM(ovo, ova)	R	https://github.com/define957/SupportVectorLab	—
	L2 Regularized Linear Support Vector Machines with Class Weights	SVMW2	R	https://topepo.github.io/caret/	cost, Loss, weight
	L2 Regularized Support Vector Machine (dual) with Linear Kernel[Doktorski, 2011]	L2SVML	R	https://topepo.github.io/caret/	cost, Loss
	Least Squares Loss Support Vector Classification[Cosma et al., 2017]	LSLSVC(ovo, ova)	R	https://github.com/define957/SupportVectorLab	—
	Least squares multiple birth support vector machine[Chen and Wu, 2017]	LSMBSVM	R	https://github.com/define957/SupportVectorLab	—
	Least-Squares Support Vector Machine[Suykens and Vandewalle, 1999]	LS-SVM(1)	Python	https://github.com/RomuloDrumond/LSSVM	—
	Least-Squares Support Vector Machine[Suykens and Vandewalle, 1999]	LS-SVM	Python	https://github.com/lsorber/neo-ls-svm	—
	Least squares support vector machine with RBF kernel[Gestel et al., 2004]	LSSVMRBF	R	https://topepo.github.io/caret/	σ, τ
	Least squares twin support vector machine[Arun-Kumar and Gopal, 2009]	LSTSVM(ovo, ova)	R	https://github.com/define957/SupportVectorLab	—
	Linear support vector machine with class weightl[Vapnik, 1999]	LSVMCW	R	https://topepo.github.io/caret/	cost, weight

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Group	Method	Acronym	Imp.	Source	Validated hyper-parameters
	Multiclass Support Vector Machine[Vapnik, 1999] with Tensorflow	SVMTF	Python	https://github.com/chaihahaha/Multiclass-Support-Vector-Machine	—
	Multiple Kernel Least Squares Support Vector Machine	MKLSSVM(ovo, ova)	Python	https://github.com/FormMe/MultipleKernel-LeastSquares-SupportVectorMachine	—
	N-slack margin rescaled structural support vector machine[Tsochantaridis et al., 2005]	NSlackSSVM	Python	https://pystruct.github.io/index.html	—
	Pinball loss multiple birth support vector machine[Tanveer et al., 2019]	PMBSVM	R	https://github.com/define957/SupportVectorLab	—
	Pinball Loss Support Vector Classification[Huang et al., 2014a]	PLSVC(ovo, ova)	R	https://github.com/define957/SupportVectorLab	—
	Ramp-based multiple birth support vector machine[Wang et al., 2020]	RMBSVM	R	https://github.com/define957/SupportVectorLab	—
	Reinforced angle-based multicategory Laplacian support vector machine[Zhang et al., 2016]	RAMLapSVM	R	https://github.com/bbeomjin/SMLapSVM	—
	Reinforced angle-based multicategory support vector machine[Zhang et al., 2016]	RAMSVM	R	https://github.com/bbeomjin/dbvsmsvm	—
	Reinforced multicategory Laplacian support vector machine[Park and Park, 2023]	RMLapSVM	R	https://github.com/bbeomjin/SMLapSVM	—
	Relevance vector machine[Tipping, 2001]	RVM	Python	https://github.com/JamesRitchie/scikit-rvm	kernel, coef1
	Relevance Vector Machine[Tipping and Faul, 2003]	RVC	Python	https://github.com/AmazaspShumik/sklearn-bayes	kernel, coef0, γ
	Rescaled Quantile Loss Support Vector Classification[Yang and Dong, 2019]	RQLSVC(ovo, ova)	R	https://github.com/define957/SupportVectorLab	—
	Smooth support vector machine[Lee and Mangasarian, 2001]	SSVM(ovo, ova)	Python	http://dmlab8.csie.ntust.edu.tw/download.html	C, γ, kernel
	Square Hinge Loss Support Vector Classification[Lee and Lin, 2013]	SHLSVC(ovo, ova)	R	https://github.com/define957/SupportVectorLab	—
	Structured reinforced angle-based multicategory Laplacian support vector machine[Zhang et al., 2016]	SRAMLapSVM	R	https://github.com/bbeomjin/SMLapSVM	—
	Structured reinforced angle-based multicategory support vector machine[Zhang et al., 2016]	SRAMSVM	R	https://github.com/bbeomjin/dbvsmsvm	—
	Structured reinforced multicategory Laplacian support vector machine[Park and Park, 2023]	SRMLapSVM	R	https://github.com/bbeomjin/SMLapSVM	—
	Support vector machine[Vapnik, 1999]	SVC	Python	https://scikit-learn.org/stable/	C, γ, kernel
	Support vector machine[Vapnik, 1999]	SVM	C	http://cib.uco.es	C, γ, kernel
	Support vector machine[Vapnik, 1999] with one-vs.-all approach	SVM(ova)	C	http://cib.uco.es	C, γ, kernel
	Support Vector Machines with Class Weights[Yang et al., 2005] with RBF kernel	SVMWRBF	R	https://topepo.github.io/caret/	σ, C, Weight

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Group	Method	Acronym	Imp.	Source	Validated hyper-parameters
	Support vector machine with Gaussian kernel[Vapnik, 1999]	SVM(Gaussian)	C	http://cib.uco.es	C, γ
	Support vector machine with linear kernel[Vapnik, 1999]	SVM(Linear)	C	http://cib.uco.es	C
	Support vector machine with polynomial kernel[Vapnik, 1999]	SVM(Polynomial)	C	http://cib.uco.es	C, d, coef0
	Twin Support Vector Machine[Huajuan et al., 2018]	TSVM	Python	https://scikit-learn.org/stable/	kernel, ϵ_1, ϵ_2, C_1, C_2
— Instance-based learners	k-Nearest neighbors[Cover and Hart, 1967]	k-NN	C	http://cib.uco.es	k
	k-Nearest neighbors[Cover and Hart, 1967]	k-NN(SK)	Python	https://scikit-learn.org/stable/	k
	k-Nearest neighbors[Cover and Hart, 1967] using Ball-trees	k-NN(BT)	Python	https://scikit-learn.org/stable/	k
	k-Nearest neighbors[Cover and Hart, 1967] using KD-trees	k-NN(KDT)	Python	https://scikit-learn.org/stable/	
	K*[Cleary and Trigg, 1995]	K*	Java	https://ml.cms.waikato.ac.nz/weka/index.html	globalBlend, entropicAutoBlend
	Locally weighted learning[Frank et al., 2003]	LWL	Java	https://ml.cms.waikato.ac.nz/weka/index.html	KNN, weightingKernel
	Nearest centroid[Hastie et al., 2001]	NC	Python	https://scikit-learn.org/stable/	shrink_threshold
	Nearest neighbor[Cover and Hart, 1967]	1-NN	C	http://cib.uco.es	—
	Nearest neighbor[Cover and Hart, 1967]	1-NN(SK)	Python	https://scikit-learn.org/stable/	k
	Nearest Shrunken Centroids[Choi et al., 2017]	PAM	R	https://topepo.github.io/caret/	threshold
	Neighborhood component analysis[Goldberger et al., 2005]	NCA	Python	https://scikit-learn.org/stable/	k
	Optimal Weighted Nearest Neighbor Classifier[Samworth, 2012]	OWNN	R	https://topepo.github.io/caret/	K
	Radius neighbors classifier[Cover and Hart, 1967]	RNC	Python	https://scikit-learn.org/stable/	radius
	Reverse k-nearest neighbor[Figueroa and Paredes, 2009]	Rk-NN	C	http://cib.uco.es	k
	Stabilized Nearest Neighbor[Sun et al., 2016]	SNN	R	https://topepo.github.io/caret/	λ
	Weighted k-Nearest Neighbor Classifier[Hechenbichler and Schliep, 2004]	KKNN	R	https://www.rdocumentation.org/packages/kknn/versions/1.3.1/topics/kknn	kernel
Decision trees and forests	Accuracy based decision tree[Michie et al., 1994]	DTAcc	C	http://cib.uco.es	—
	Balanced random forest[Breiman, 2001]	BRF	Python	https://imbalanced-learn.org/stable/index.html	—

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Group	Method	Acronym	Imp.	Source	Validated hyper-parameters
	BoostTree[Zhao et al., 2023]	BoostTree	Python	https://boostforest.readthedocs.io/en/latest/index.html	—
	C4.5[Quinlan, 1993a]	C4.5(C1)	C	https://www.rulequest.com/Personal/c4.5r8.tar.gz	—
	C4.5[Quinlan, 1993a]	C4.5(C2)	C	http://cib.uco.es	—
	C4.5[Quinlan, 1993a]	J48	Java	https://ml.cms.waikato.ac.nz/weka/index.html	confidenceFactor, minNumObj
	C4.5[Quinlan, 1993a]	J48(R)	Java (R interface)	https://topepo.github.io/caret/	C, M
	C5.0[Kuhn and Johnson, 2016]	C5.0(C)	C	https://www.rulequest.com/Personal/	—
	C5.0[Kuhn and Johnson, 2016]	C5.0(R1)	R	https://cran.r-project.org/web/packages/C50/vignettes/C5.0.html	—
	C5.0[Kuhn and Johnson, 2016]	C5.0(R2)	R	https://topepo.github.io/caret/	trials, model, winnow
	CART decision tree[Breiman et al., 1984]	CART	C	http://cib.uco.es	—
	CART decision tree[Breiman et al., 1984]	CART(SK)	Python	https://scikit-learn.org/stable/	max_depth, min_samples_split
	Chi-square automatic interaction detection (CHAID) trees[Kass, 1980]	CHAID	Python	https://github.com/serengil/chefboost	—
	Chi-square automatic interaction detection (CHAID) trees[Kass, 1980]	CHAID(W)	Java	https://www.aldapa.eus/res/weka-jchaidstar/	m_CHminNumObjSplit, m_CHsearchBestSplit
	Chi-square automatic interaction detection (CHAID) trees with continuous features[Ibarguren et al., 2016]	CHAID*	Java	https://www.aldapa.eus/res/weka-jchaidstar/	m_CHminNumObjSplit, m_CHsearchBestSplit
	Conditional Inference Random Forest[Nasejje et al., 2017]	CIRF	R	https://topepo.github.io/caret/	mtry
	Conditional Inference Tree[Levshina, 2021]	CIT	R	https://topepo.github.io/caret/	maxdepth, mincriterion
	Decision tree[Breiman et al., 1984]	DT	Python	https://scikit-learn.org/stable/	criterion, max_depth, min_samples_split
	Extremely Randomized Trees[Geurts et al., 2006]	ExtraTrees	C	http://cib.uco.es	—
	Extremely Randomized Trees[Geurts et al., 2006]	ExtraTrees(R)	R	https://topepo.github.io/caret/	mtry, numRandomCuts
	Extremely Randomized Trees[Geurts et al., 2006]	ExtraTrees(SK)	Python	https://scikit-learn.org/stable/	n_estimators, max_features, max_depth
	Fast decision tree learner[Kanna et al., 2023]	REPTREE	Java	https://ml.cms.waikato.ac.nz/weka/index.html	minNum, noPruning
	Generalized optimal sparse decision tree[McTavish et al., 2022]	GOSDT	Python	https://github.com/ubc-systopia/gosdt-guesses	
	Hoeffding trees[Hulten et al., 2001]	HT	Java	https://ml.cms.waikato.ac.nz/weka/index.html	minimumFractionOfWeightInfoG hoeffdingTieThreshold
	ID3 decision tree[Mitchell, 1997]	ID3	C	http://cib.uco.es	—

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Group	Method	Acronym	Imp.	Source	Validated hyper-parameters
	Linear forest[Zhang et al., 2019]	LF	Python	https://github.com/cerlymarco/linear-tree	—
	Linear tree[Ittner and Schlosser, 1996]	LT	Python	https://github.com/cerlymarco/linear-tree	—
	Logistic Model Trees[Landwehr et al., 2005]	LMT	R	https://topepo.github.io/caret/	iter
	Non-linear decision tree[Ittner and Schlosser, 1996]	NLDT	Python	https://github.com/maoqiangqiang/DecisionTreeBaseline/tree/main	—
	Oblique decision tree BUTIF[Barros et al., 2014]	BUTIF	Python	https://github.com/hengzhe-zhang/scikit-obliquetree	—
	Oblique decision tree[Heath et al., 1993]	ODT	R	https://github.com/liuyu-star/ODRF	—
	Oblique decision tree CO2[Norouzi et al., 2015]	CO2	Python	https://github.com/hengzhe-zhang/scikit-obliquetree	—
	Oblique decision tree HHCart[Wickramarachchi et al., 2016]	HHCart	Python	https://github.com/hengzhe-zhang/scikit-obliquetree	method
	Oblique decision tree OC1[Norouzi et al., 2015]	OC1	Python	https://github.com/maoqiangqiang/DecisionTreeBaseline/tree/main	—
	Oblique decision tree RandCART[Norouzi et al., 2015]	RandCART	Python	https://github.com/maoqiangqiang/DecisionTreeBaseline/tree/main	—
	Oblique decision tree RidgeCART[Norouzi et al., 2015]	RidgeCART	Python	https://github.com/maoqiangqiang/DecisionTreeBaseline/tree/main	—
	Oblique random survival forests[Jaeger et al., 2019]	ORSF	R	https://github.com/ropensci/aorsf	—
	ODT-based Random Forest[Sui et al., 2025]	ODRF	R	https://github.com/liuyu-star/ODRF	—
	Parallel Random Forest[Breiman, 2001]	PARRF	R	https://topepo.github.io/caret/	mtry
	Probabilistic Random Forest[Reis et al., 2018]	PRF	Python	https://github.com/ireis/PRF	—
	Projection pursuit random forest[Chen and Xiao, 2023]	PPforest	R	https://github.com/natydasilva/PPforest	—
	Random Ferns[Kursa, 2014]	RFERNS(P)	Python	https://github.com/mjuez/fern-classifiers	depth
	Random Ferns[Kursa, 2014]	RFERNS	R	https://github.com/ropensci/aorsf	—
	Random forest[Breiman, 2001]	RF	C	http://cib.uco.es	—
	Random forest[Breiman, 2001]	RF(R)	R	https://topepo.github.io/caret/	mtry, splitrule, min.node.size
	Random forest[Breiman, 2001]	RF(SK)	Python	https://scikit-learn.org/stable/	n_estimators, max_features, max_depth

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Group	Method	Acronym	Imp.	Source	Validated hyper-parameters
	Regularized Random Forest[Deng and Runger, 2013]	RRF(R1)	R	https://topepo.github.io/caret/	mtry, coefReg, coefImp
	Regularized Random Forest[Deng and Runger, 2013]	RRF(R2)	R	https://topepo.github.io/caret/	mtry, coefReg
	Selective Bayesian Forest Classifier[Krakovna et al., 2016]	SBFC	R	https://github.com/vkrakovna/sbfc	—
	Sparse projection oblique randomer forest[Tomita et al., 2019]	RerF	Python	https://github.com/neurodata/SPORF	n_estimators, max_depth
	SVM oblique decision tree[Montañana et al., 2021]	STree	Python	https://stree.readthedocs.io/en/stable/index.html	C
	Weighted Subspace Random Forest[Xu et al., 2012]	WSRFOREST	R	https://topepo.github.io/caret/	mtry
	Weighted subspace random forest[Zhao et al., 2017]	WSRF	R	https://github.com/SimonYansenZhao/wsrf	—
	WildWood[Gaïffa et al., 2023]	WildWood	Python	https://wildwood.readthedocs.io/en/latest/	—
Neural networks	Deep learning neural network[LeCun et al., 2015]	DL(Small), DL(Medium), DL(large)	Python	https://scikit-learn.org/stable/	—
	Extreme learning machine[Huang et al., 2012]	ELM	Python	https://github.com/5663015/elm	—
	Extreme learning machine[Huang et al., 2012]	ELM(SK)	Python	https://github.com/akusok/scikit-elm	—
	Model Averaged Neural Network[Ripley, 1996]	MANN	R	https://topepo.github.io/caret/	size, decay, bag
	Monotone Multi-Layer Perceptron Neural Network[Lang, 2005]	MONMLP	R	https://topepo.github.io/caret/	hidden1, n.ensemble
	Multi-layer Perceptron[Rumelhart et al., 1986]	MLP	C	http://cib.uco.es	—
	Multi-layer Perceptron[Rumelhart et al., 1986]	MLP(R)	R	https://topepo.github.io/caret/	size
	Multi-layer Perceptron[Rumelhart et al., 1986]	MLP(W)	Java	https://ml.cms.waikato.ac.nz/weka/index.html	learningRate, momentum
	Multi-layer Perceptron with multiple layers[Rumelhart et al., 1986]	MLPML	R	https://topepo.github.io/caret/	layer1, layer2, layer3
	Multi-layer Perceptron with weight decay[Nieminen and Kärkkäinen, 2009]	MLPWD	R	https://topepo.github.io/caret/	size, decay
	Multi-layer Perceptron with weight decay with multiple layers[Nieminen and Kärkkäinen, 2009]	MLPWDML	R	https://topepo.github.io/caret/	layer1, layer2, layer3, decay
	Multi-Step Adaptive MCP-Net[Zou and Zhang, 2009]	MSAMCPN(ovo,Rova)	R	https://topepo.github.io/caret/	alphas, nsteps, scale
	Neural network with principal components analysis[Jolliffe, 1986]	PCANN	R	https://topepo.github.io/caret/	size, decay
	Radial Basis Function Neural Network[Zhang, 2020]	RBFNN	R	https://topepo.github.io/caret/	negativeThreshold
	Self-Organizing Maps[Lasri, 2016]	SOMS	R	https://topepo.github.io/caret/	xdim, ydim, user.weights, topo

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Group	Method	Acronym	Imp.	Source	Validated hyper-parameters
	Two-layer neural network[Rumelhart et al., 1986]	NNR	R	https://topepo.github.io/caret/	size, decay
Bayesian methods	Bayesian Generalized Linear Model[Gelman et al., 2009]	BGLM(ovo, ova)	R	https://topepo.github.io/caret/	—
	Bayesian Network[Puga et al., 2015]	BAYESNET	Java	https://ml.cms.waikato.ac.nz/weka/index.html	—
	Gaussian Naïve Bayes Classifier[Hastie et al., 2001]	GNBC	C	http://cib.uco.es	—
	Multinomial Naïve Bayes Classifier[Hastie et al., 2001]	MNBC	C	http://cib.uco.es	—
	Naïve Bayes Classifier[Hastie et al., 2001]	NBC(R)	R	https://topepo.github.io/caret/	laplace, usekernel, adjust
	Naïve Bayes Classifier (Multinomial, Bernoulli, Gaussian and Complement)[Hastie et al., 2001]	NBC	Python	https://scikit-learn.org/stable/	model
Logistic regression	Empirical Bayes Logistic Regression[Strimenopoulou and Brown, 2008]	EBLR	Python	https://github.com/AmazaspShumik/sklearn-bayes	solver, fit_intercept, alpha
	Logistic regression[Berkson, 1944]	LR	C	http://cib.uco.es	—
	Logistic Regression with Automatic Relevance determination[Jaakkola and Jordan, 1997]	CARD	Python	https://github.com/AmazaspShumik/sklearn-bayes	fit_intercept
	Penalized Logistic Regression[Yan et al., 2022]	PLR(ovo, ova)	R	https://topepo.github.io/caret/	λ, cp
	Regularized Logistic Regression[Qin and Lou, 2019]	RLR	R	https://topepo.github.io/caret/	cost, loss, ϵ
	Variational Bayesian Multinomial Probit Regression[Girolami and Rogers, 2006]	VBMPR	R	https://topepo.github.io/caret/	estimateTheta
	Variational Bayes Logistic Regression[Jaakkola and Jordan, 1997]	VBLR	Python	https://github.com/AmazaspShumik/sklearn-bayes	a, b, fit_intercept
	Variational Bayes Logistic Regression with Automatic Relevance Determination[Jaakkola and Jordan, 1997]	VBCARD	Python	https://github.com/AmazaspShumik/sklearn-bayes	a, b
Discriminant analysis	Adaptive Mixture Discriminant Analysis[Bouveyron, 2014]	AMDA	Python	URLhttps://topepo.github.io/caret/	model
	Factor-Based Linear Discriminant Analysis[Duarte-Silva, 2011]	RFLDA	R	https://topepo.github.io/caret/	q
	Flexible Discriminant Analysis[Hastie et al., 2001]	FDA	R	https://topepo.github.io/caret/	degree, nprune
	Heteroscedastic Discriminant Analysis[Kumar and Andreou, 1998]	HDA	R	https://topepo.github.io/caret/	γ, λ, newdim
	Linear Discriminant Analysis[Fisher, 1936]	LDA	Python	https://scikit-learn.org/stable/	solver, shrinkage
	Localized Linear Discriminant Analysis[Czogiel et al., 2007]	LOCLDA	R	https://topepo.github.io/caret/	k
	Maximum Uncertainty Linear Discriminant Analysis[Thomaz and Gillies, 2005]	MLDA	R	https://topepo.github.io/caret/	—

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Group	Method	Acronym	Imp.	Source	Validated hyper-parameters
	Mixture Discriminant Analysis[Hastie and Tibshirani, 1996]	MDA	R	https://topepo.github.io/caret/	subclasses
	Partial Least Squares Discriminant Analysis[Ruiz-Perez et al., 2020]	PLSDA	Python	https://scikit-learn.org/stable/	—
	Penalized Discriminant Analysis[Hastie et al., 1995]	PDA	R	https://topepo.github.io/caret/	λ
	Quadratic Discriminant Analysis[Wu and Hao, 2022]	QDA	Python	https://scikit-learn.org/stable/	reg_param, store_covariance, tol
	Regularized Discriminant Analysis[Friedman, 1989]	RDA	R	https://topepo.github.io/caret/	γ, λ
	Robust Linear Discriminant Analysis[Yahaya et al., 2016]	RLDA	R	https://topepo.github.io/caret/	—
	Robust Mixture Discriminant Analysis[Bouveyron and Girard, 2009]	RMDA	R	https://topepo.github.io/caret/	K, model
	Robust Quadratic Discriminant Analysis[Todorov and Filzmoser, 2009]	RQDA	R	https://topepo.github.io/caret/	—
	Shrinkage Discriminant Analysis[Awe et al., 2023]	SDA	R	https://topepo.github.io/caret/	diagonal, λ
	Sparse Linear Discriminant Analysis[Nam et al., 2020]	SLDA	R	https://topepo.github.io/caret/	NumVars, λ
	Sparse Mixture Discriminant Analysis[Clemmensen et al., 2011]	SMDA	R	https://topepo.github.io/caret/	NumVars, λ, R
	Stabilized Linear Discriminant Analysis[Laeuter et al., 1998]	STABLDA	R	https://topepo.github.io/caret/	—
Miscellaneous	Decision table[Kohavi, 1995]	DECT	Java	https://ml.cms.waikato.ac.nz/weka/index.html	—
	Elastic Net Regularization Paths Generalized Linear Model[Tay et al., 2023]	GLMNET	R	https://topepo.github.io/caret/	α, λ
	Gaussian Processes for Machine Learning[Welch et al., 1992] wiht Dot product kernel	GPCD	Python	https://scikit-learn.org/stable/	—
	Gaussian Processes for Machine Learning[Welch et al., 1992] with Matérn kernel	GPCM	Python	https://scikit-learn.org/stable/	—
	Gaussian Processes for Machine Learning[Welch et al., 1992] with Rational Quadratic kernel	GPCR	Python	https://scikit-learn.org/stable/	—
	Gaussian Processes for Machine Learning[Welch et al., 1992] with RBF kernel	GPCRBF	Python	https://scikit-learn.org/stable/	—
	Gaussian Process with Polynomial Kernel[Rasmussen and Williams, 2006]	GPP	R	https://topepo.github.io/caret/	degree, scale
	Gaussian Process with RBF Kernel[Rasmussen and Williams, 2006]	GPRBF	R	https://topepo.github.io/caret/	σ
	Generalized Additive Model using LOESS method[Hastie and Tibshirani, 1990]	GAMLOESS(ovova)	R	https://topepo.github.io/caret/	span, degree

Continued on next page

Group	Method	Acronym	Imp.	Source	Validated hyper-parameters
	Generalized Additive Model with Splines[Hastie and Tibshirani, 1990]	GAMSPLINE(ovo, ova)	R	https://topepo.github.io/caret/	select, method
	Generalized Linear Model[Rabe-Hesketh and Skrondal, 2010]	GLM(ovo, ova)	R	https://topepo.github.io/caret/	—
	Generalized Partial Least Squares[Bastien et al., 2005]	GPLS(ovo, ova)	R	https://topepo.github.io/caret/	K.prov
	Kernel ridge regression[Murphy, 2012]	KRR	Python	https://scikit-learn.org/stable/	α, kernel, γ, degree
	Linear Distance Weighted Discrimination[Qiao et al., 2010]	LDWD(ovo, ova)	R	https://topepo.github.io/caret/	λ, qval
	Linear Model trained with L1 prior as regularizer[Tibshirani, 1996]	Lasso	Python	https://scikit-learn.org/stable/	α
	Multivariate Adaptive Regression Spline[Friedman, 1991]	MARS	R	https://topepo.github.io/caret/	nprune, degree
	Partial Least Squares[Stocchero et al., 2021]	PLS	R	https://topepo.github.io/caret/	ncomp
	Partial Least Squares Generalized Linear Model[Bertrand and Maumy-Bertrand, 2018]	PLSGLM(ovo, ova)	R	https://topepo.github.io/caret/	nt, alpha.pvals.expli
	Partitioning Using Deletion, Substitution, and Addition Moves[Molinaro et al., 2010]	PARTDSA	R	https://topepo.github.io/caret/	cut.off.growth, MPD
	Passive aggressive classifier[Crammer et al., 2006]	PAC	Python	https://scikit-learn.org/stable/	C
	Penalized Multinomial Regression[Tian et al., 2024]	PMR	R	https://topepo.github.io/caret/	decay
	Penalized Ordinal Regression[Gentry et al., 2015]	POR	R	https://topepo.github.io/caret/	α, criteria, link
	Projection pursuit classifier[Friedman, 1985]	PPC	Python	https://github.com/pavelkomarov/projection-pursuit	—
	Regularized least squares classification[Pahikkala and Airola, 2016]	RLSC	Python	https://github.com/aatapa/RLScore	regparams
	Ridge regression[Saleh et al., 2019]	RR	Python	https://scikit-learn.org/stable/	solver, α
	ROC based classifier[Lauss et al., 2010]	ROCC	R	https://topepo.github.io/caret/	xgenes
	Soft Independent Modelling of Class Analogies[Vanden-Branden and Hubert, 2005]	RSIMCA	R	https://topepo.github.io/caret/	—
	Soft Independent Modelling of Class Analogies[Wold and M-Sjöström, 1977]	SIMCA	R	https://topepo.github.io/caret/	—
	Softmax Regression[Jiang et al., 2018]	SR	Python	https://rasbt.github.io/mlxtend/	η
	Sparse Distance Weighted Discrimination[Wang and Zou, 2016]	SDWD(ovo, ova)	R	https://topepo.github.io/caret/	lambda, lambda2
	Sparse Partial Least Squares[Chung and Keles, 2010]	SPLS	R	https://topepo.github.io/caret/	K, η, κ

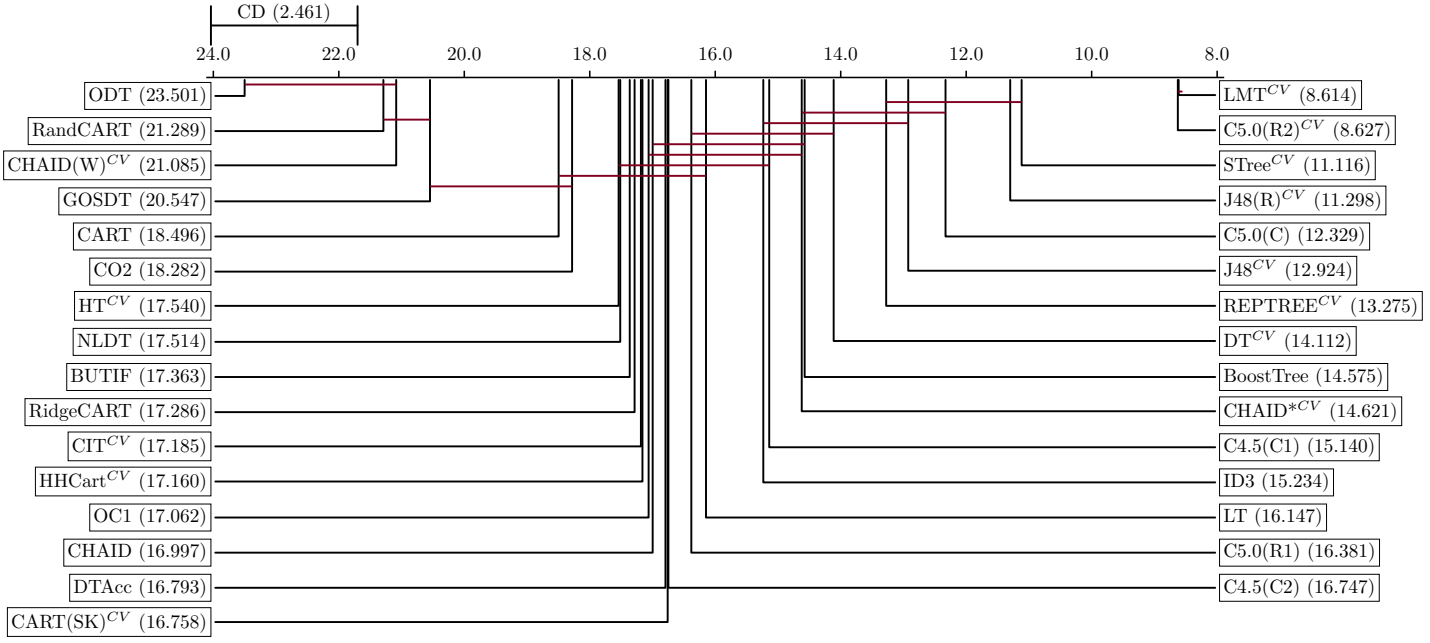
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Group	Method	Acronym	Imp.	Source	Validated hyper-parameters
	Stochastic gradient descent classifier[Tsuruoka et al., 2009]	SGDC	Python	https://scikit-learn.org/stable/	—
Rule-Based Classifiers	C5.0 rules[Kuhn and Johnson, 2016]	C5.0RULES(C)	C	https://www.rulequest.com/Personal/	—
	C5.0 rules[Kuhn and Johnson, 2016]	C5.0RULES	R	https://cran.r-project.org/web/packages/C50/vignettes/C5.0.html	—
	CUBIST[Quinlan, 1993b]	CUBIST(C)	C	https://www.rulequest.com/Personal/	—
	CUBIST[Quinlan, 1993b]	CUBIST	Python	https://github.com/pjaselin/Cubist	auto
	Guided separate-and-conquer rule learning[Sikoraa et al., 2019]	GuideR	Python	https://adaa-polsl.github.io/RuleKit-python/serve/v2.1.24.1/index.html	minsupp_new, induction_measure
	Incremental reduced error pruning method[Cohen, 1995]	IREP(ovo, ova)	Python	https://github.com/imoscovitz/wittgenstein	—
	One Rule[Holte, 1993]	ONER	R	https://topepo.github.io/caret/	—
	PART decision list[Frank and Witten, 1998]	PART	R	https://topepo.github.io/caret/	threshold, pruned
	PART decision list[Frank and Witten, 1998]	PART(W)	Java	https://ml.cms.waikato.ac.nz/weka/index.html	confidenceFactor, minNumObj
	Patient Rule Induction[Nassih and Berrado, 2019]	PRIM(ovo, ova)	R	https://topepo.github.io/caret/	peel.alpha, paste.alpha, mass.min
	PRISM[Chendrowska, 1987]	PRISM	Python	https://github.com/Brett-Kennedy/PRISM-Rules	—
	Random Forest Rules[Thi et al., 2015]	RFRULES	R	https://topepo.github.io/caret/	mtry, maxdepth
	Repeated incremental pruning to produce error reduction[Cohen, 1995]	RIPPERk(ovo, ova)	Python	— https://github.com/imoscovitz/wittgenstein	
	Repeated incremental pruning to produce error reduction[Cohen, 1995]	RIPPER(R)	R	https://topepo.github.io/caret/	NumOpt, NumFolds, MinWeights
	Repeated incremental pruning to produce error reduction[Cohen, 1995]	RIPPER(W)	Java	https://ml.cms.waikato.ac.nz/weka/index.html	—
	RRULES[Palliser-Sans, 2021]	RRULES	Python	https://github.com/rafelps/RRULES-rule-based-classifier	—
	Rule Induction from a Set of Exemplars[Domingos, 1996]	RISE	Python	https://github.com/victor-gonzalez-navarro/RISE-Rule-based-classifier	—
	RUle Mutation Classifier[M-Mokhtari, 2024]	RUMC	Python	https://github.com/MelvinMo/RUMC-RUle-Mutation-Classifier	—
	Rule optimization for classification[Rober et al., 2025]	RUG	Python	https://github.com/sametcopur/ruleopt	—

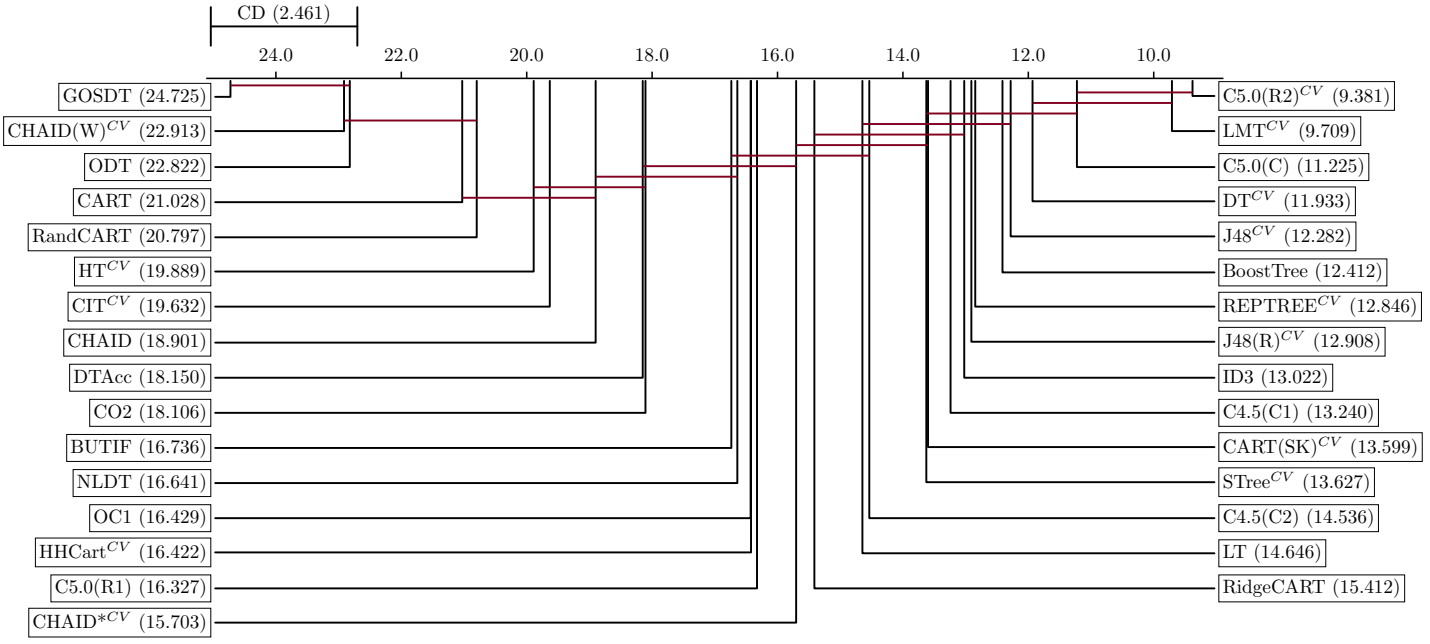
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Group	Method	Acronym	Imp.	Source	Validated hyper-parameters
	Rule OPtimized Aggregation Classifier[Mokhtari and Basiri, 2024]	ROPAC-L, ROPAC-M	Python	— `https://github.com/MelvinMo/ROPAC-Rule-OPtimized-Aggregation-Classifier`	
	RULES[Pham and Aksoy, 1995]	RULES	Python	`https://github.com/rafelps/RRULES-rule-based-classifier`	—

2 Additional figures

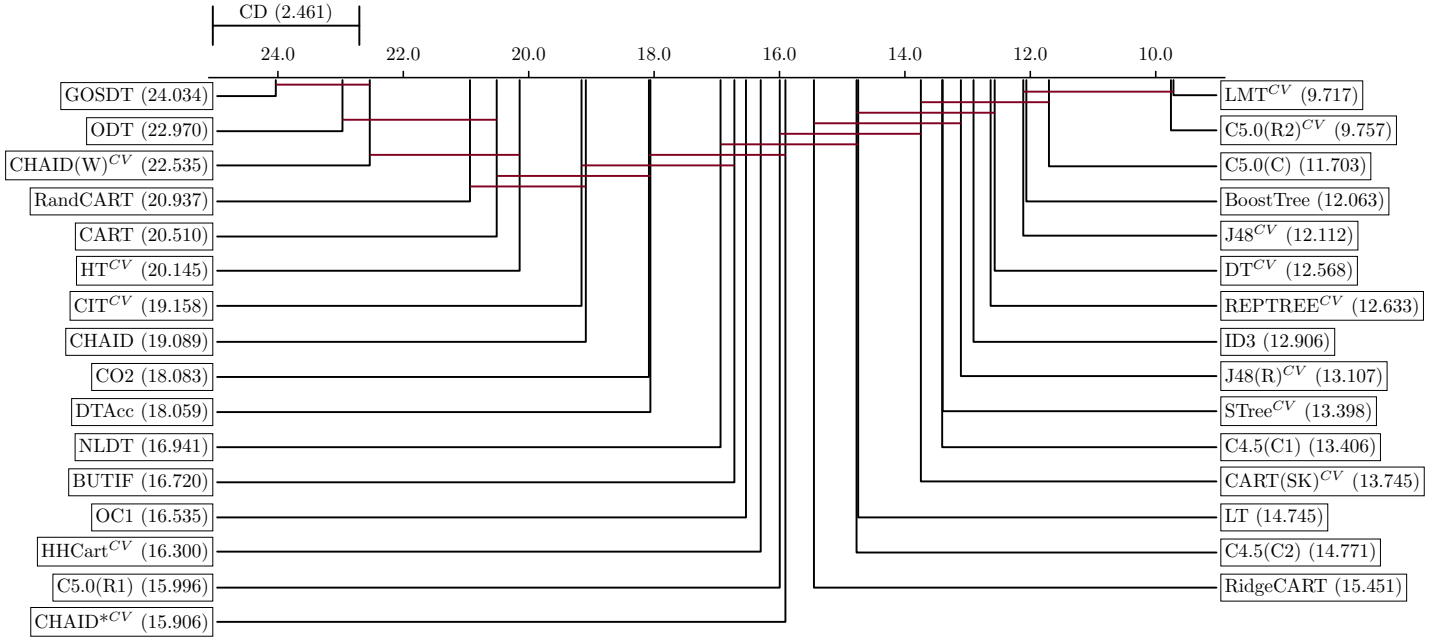


(a) Accuracy

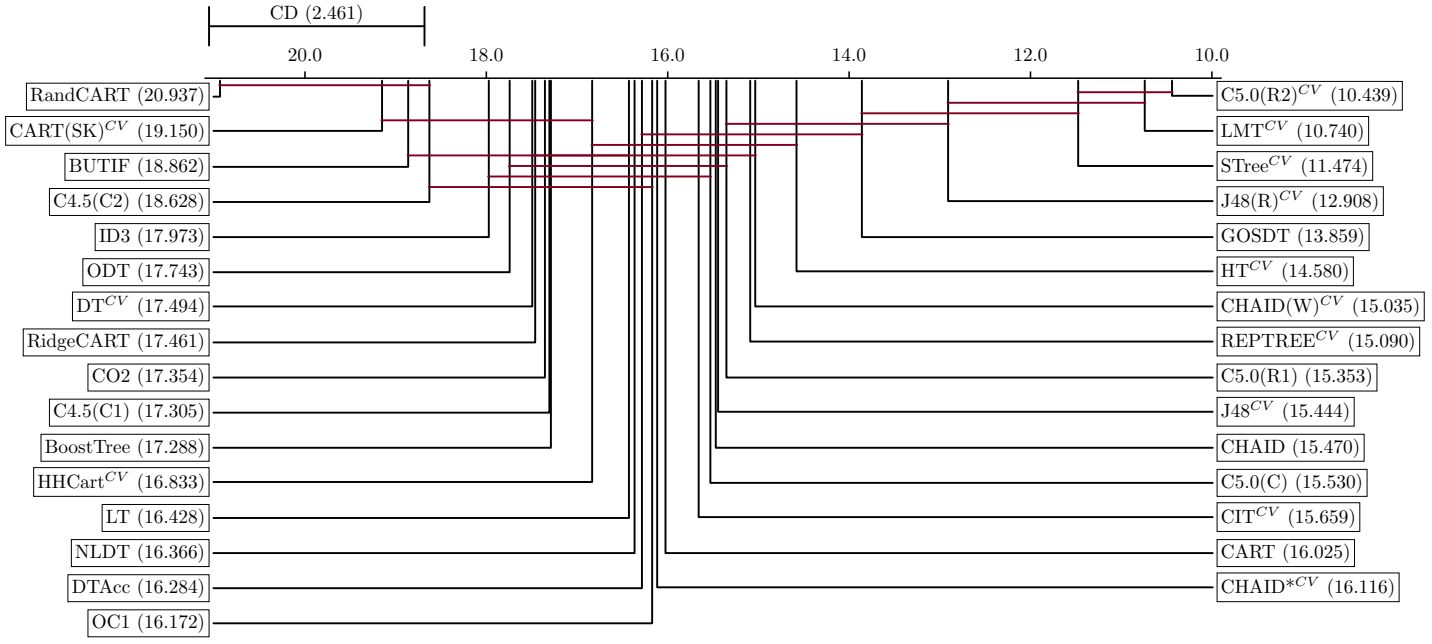


(b) F1-macro

Figure 1: Nemenyi test results for decision trees.

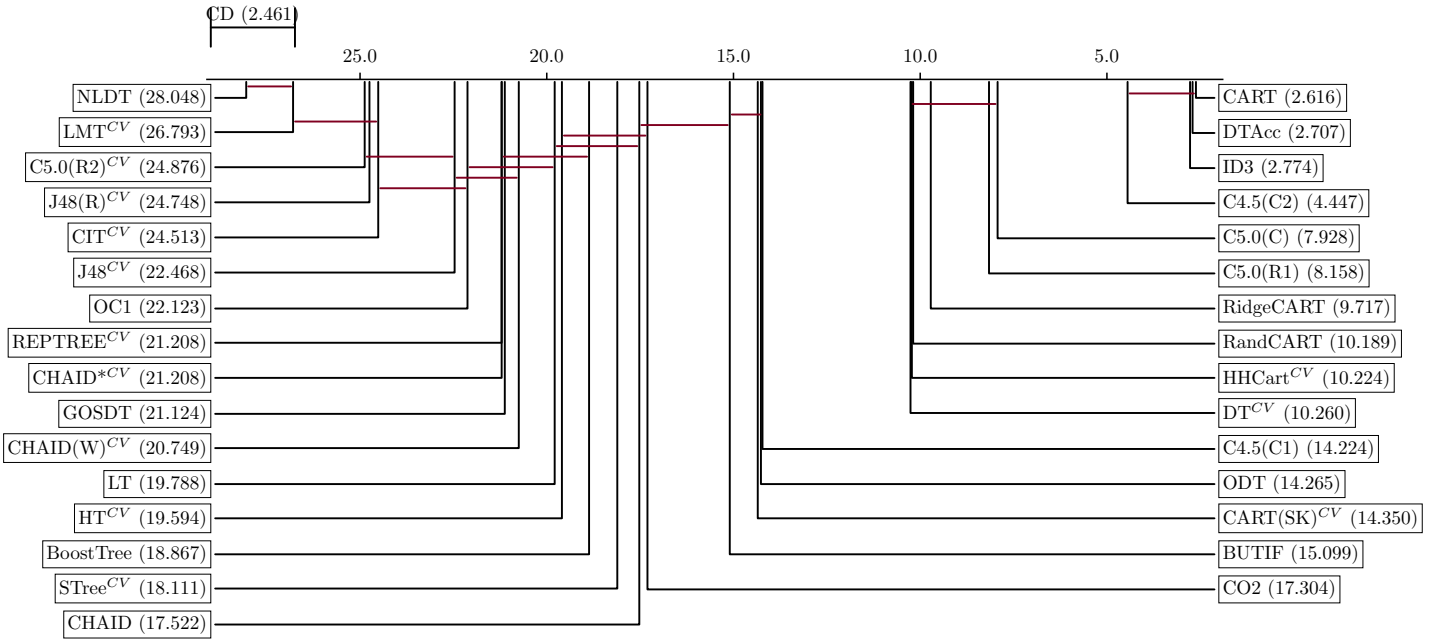


(a) Kappa



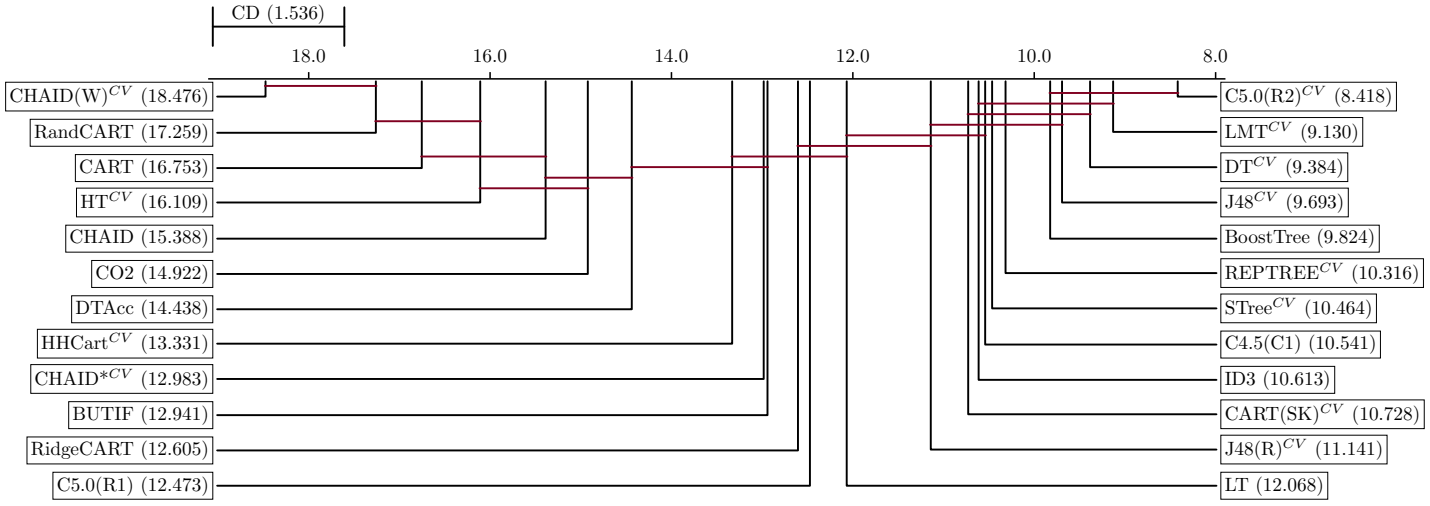
(b) CEN

Figure 2: Nemenyi test results for decision trees.

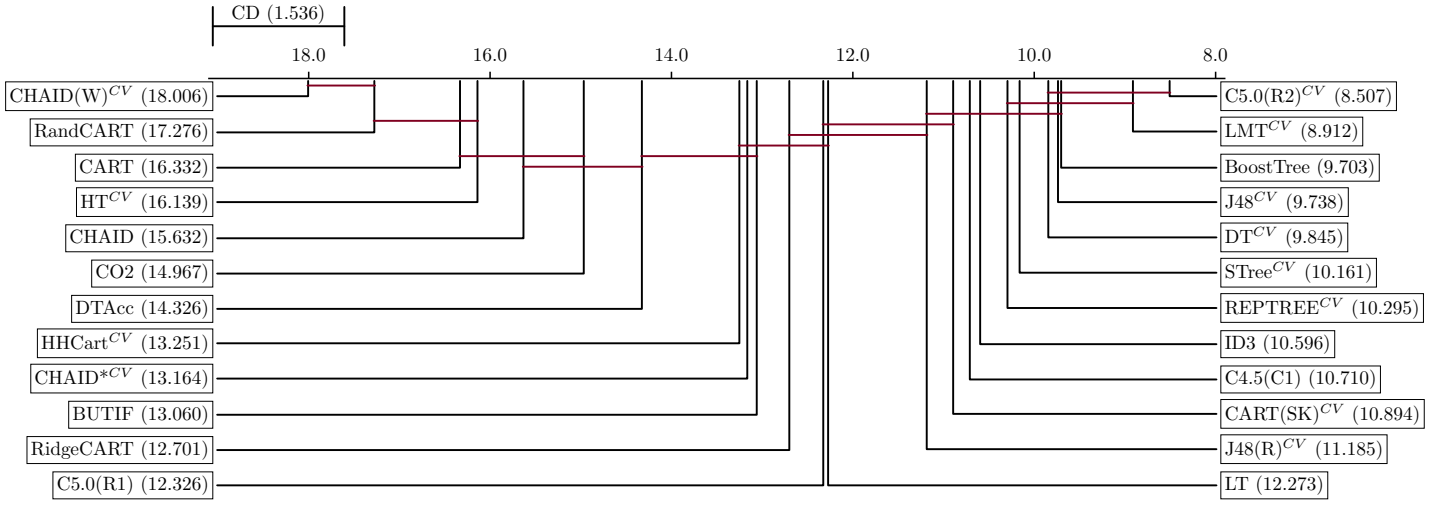


(a) Time

Figure 3: Nemenyi test results for decision trees.

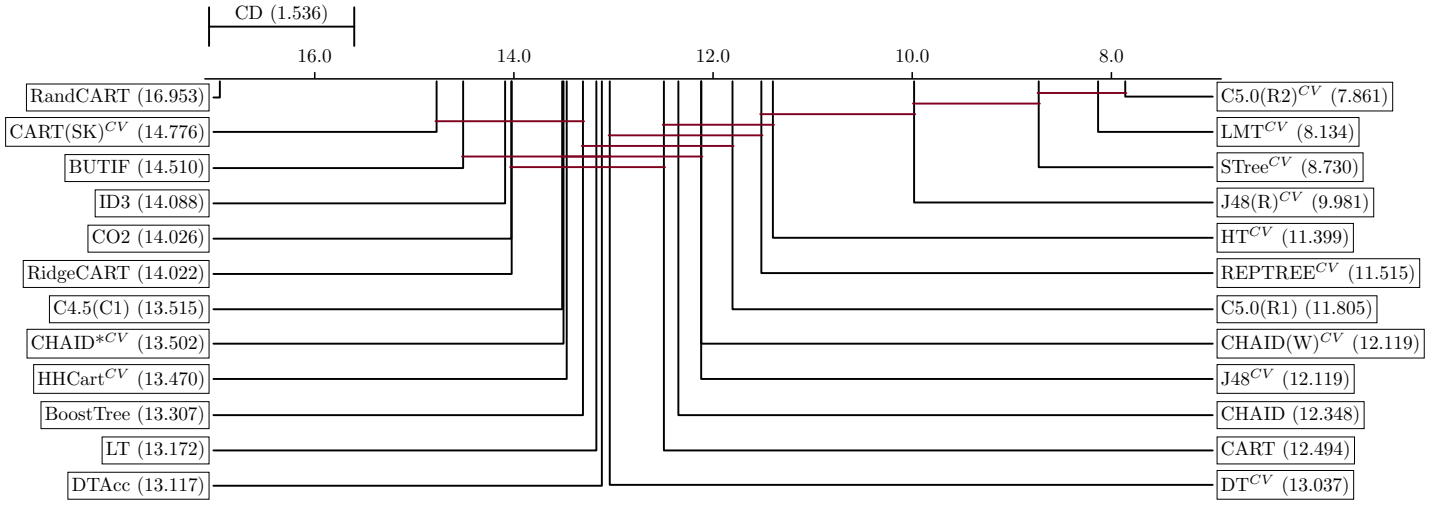


(a) F1-macro

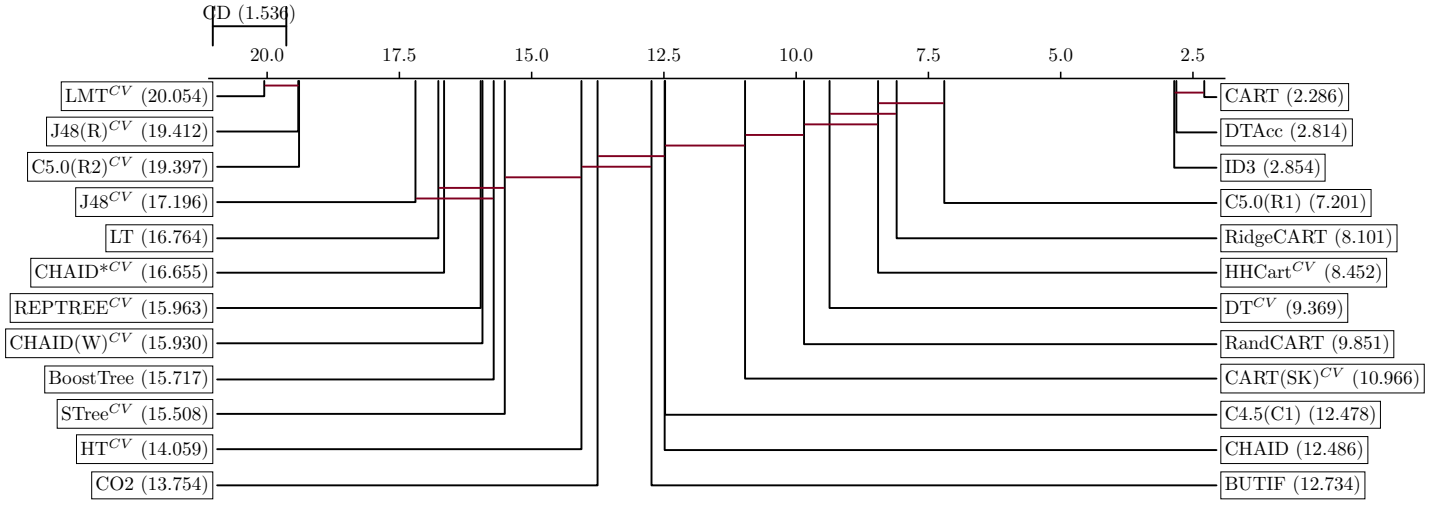


(b) Kappa

Figure 4: Nemenyi test results for decision trees.



(a) CEN



(b) Time

Figure 5: Nemenyi test results for decision trees.

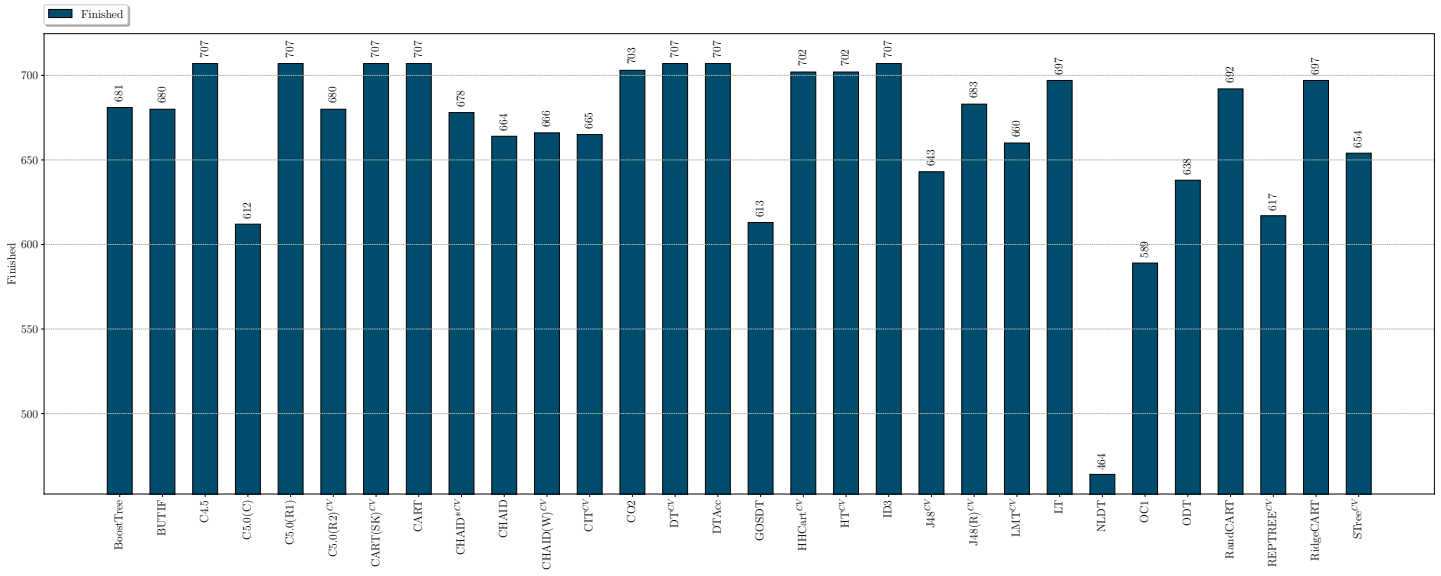
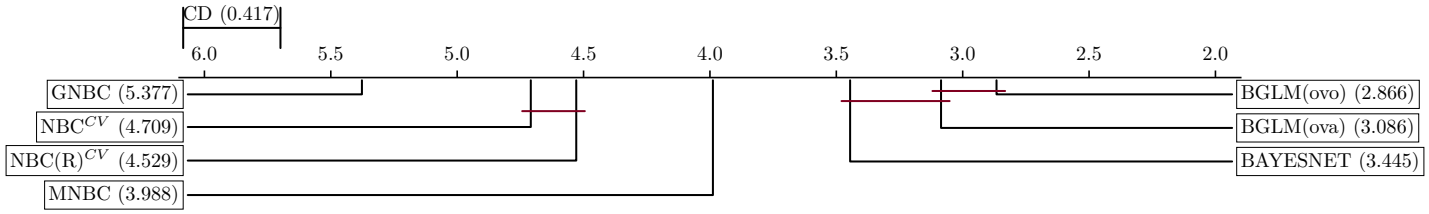
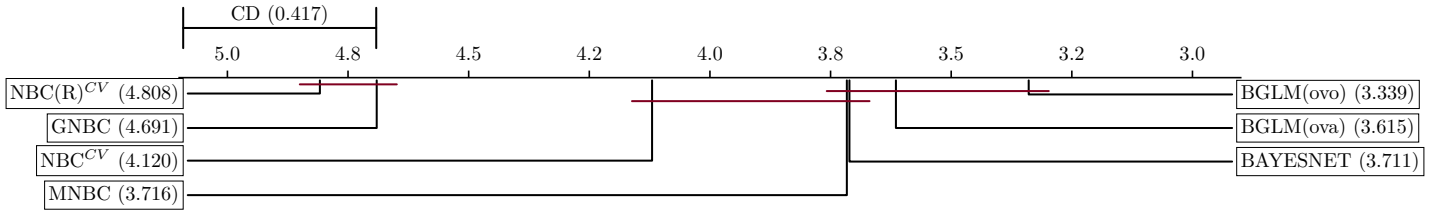


Figure 6: Finished datasets for each decision tree method.

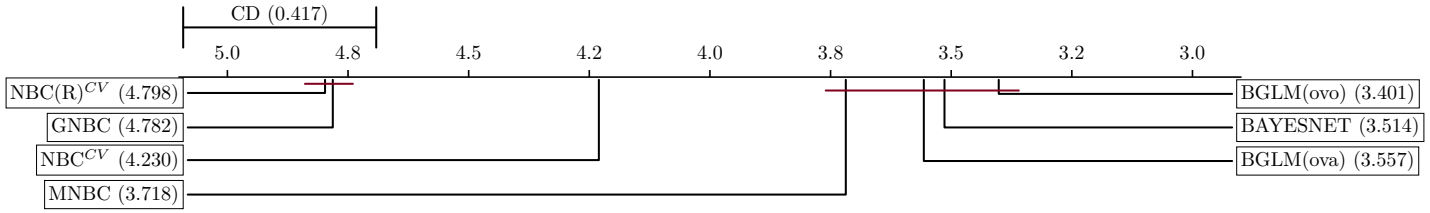


(a) Accuracy

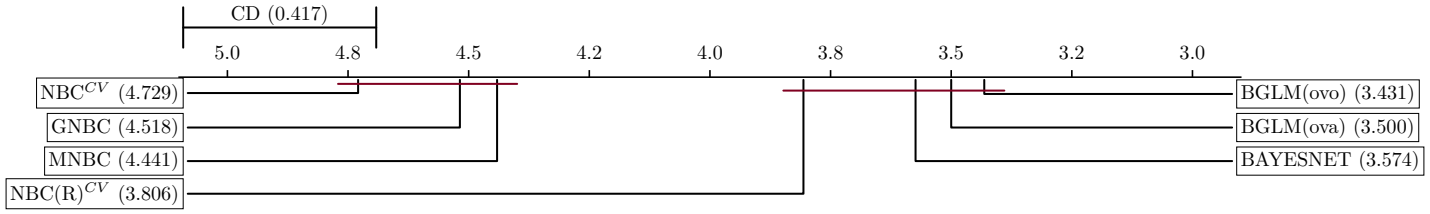


(b) F1-macro

Figure 7: Nemenyi test results for Bayesian methods.

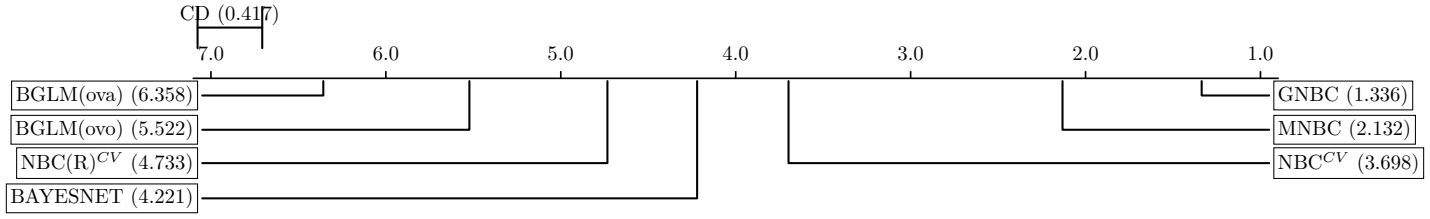


(a) Kappa



(b) CEN

Figure 8: Nemenyi test results for Bayesian methods.



(a) Time

Figure 9: Nemenyi test results for Bayesian methods.

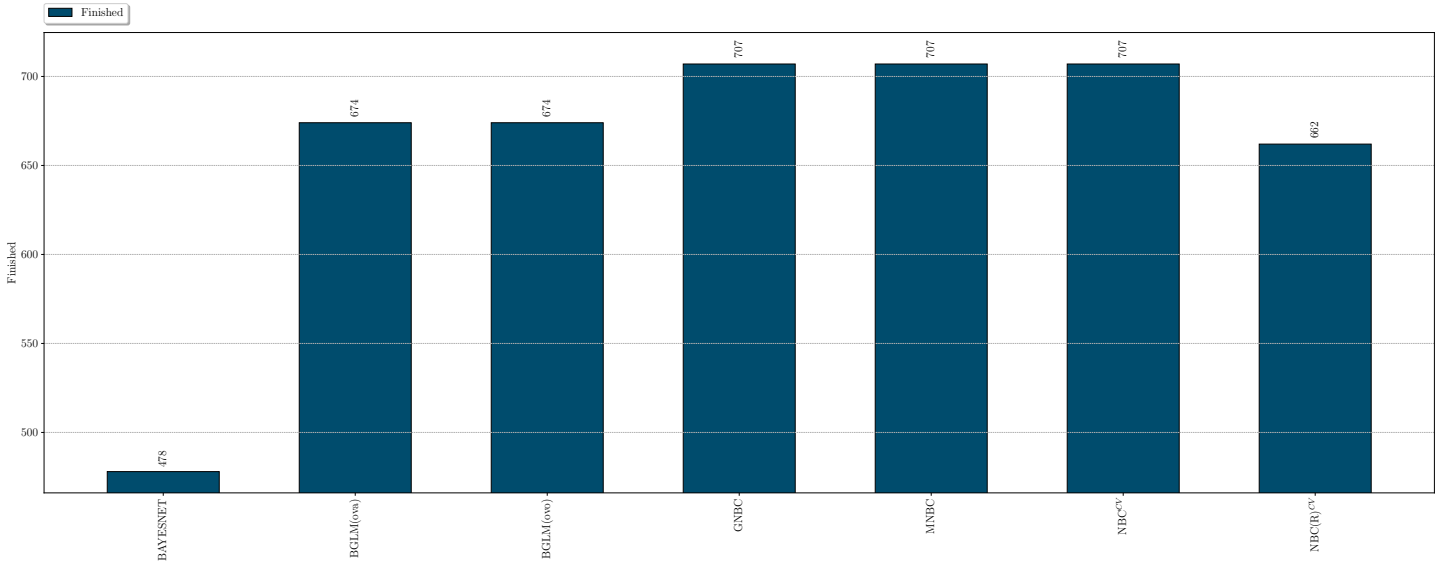
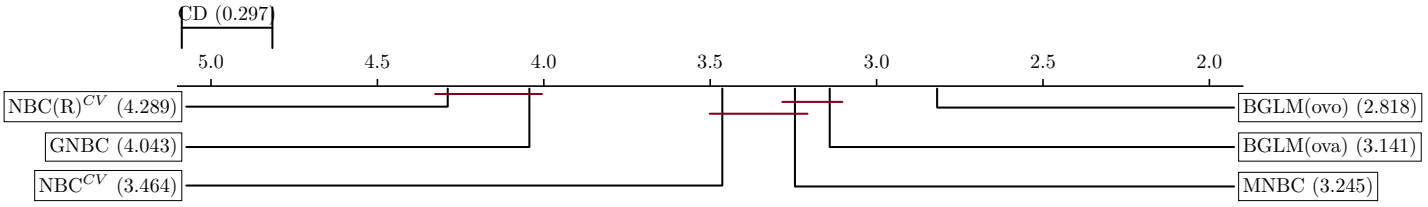
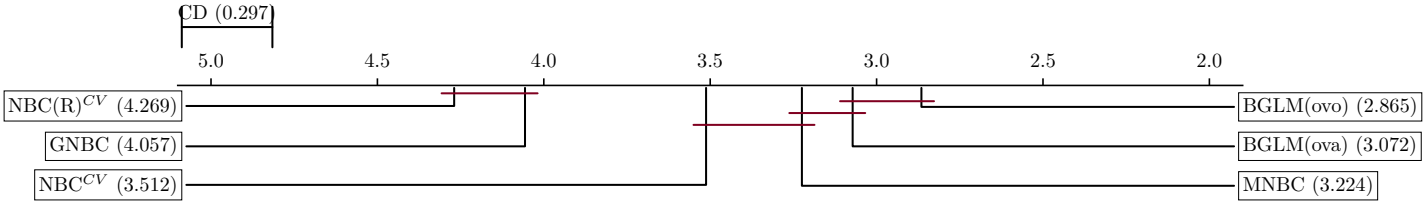


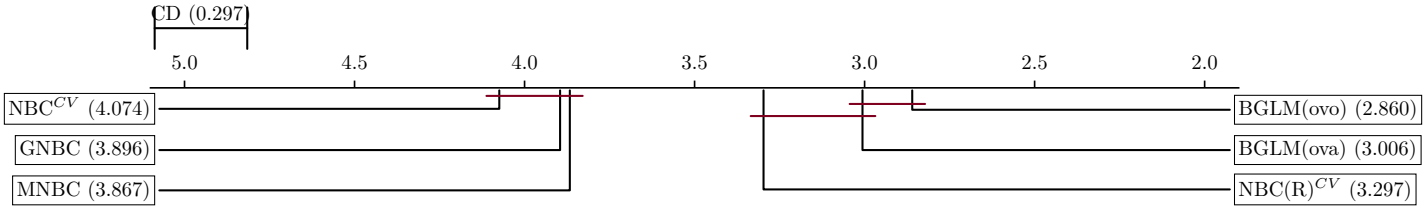
Figure 10: Finished datasets for each Bayesian method.



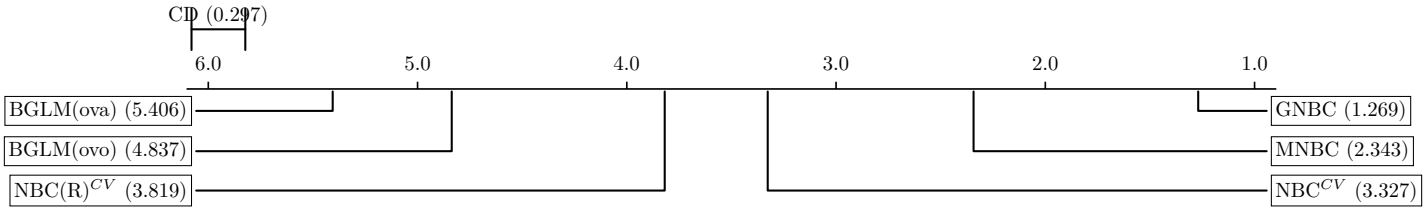
(a) F1-macro



(b) Kappa

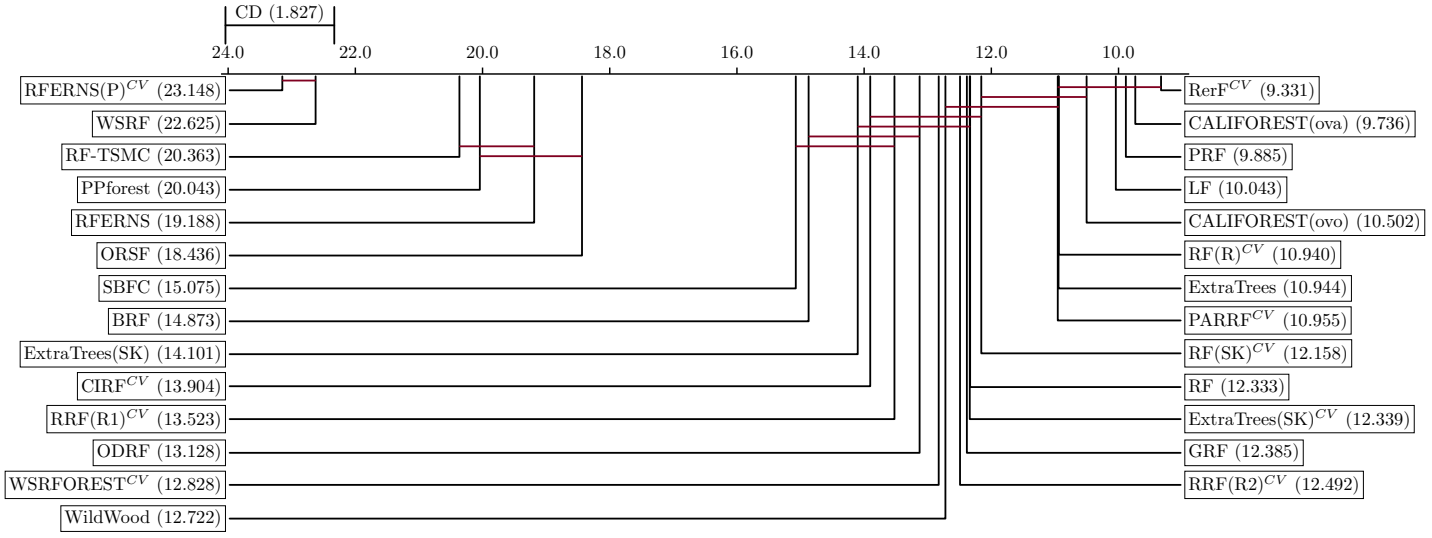


(c) CEN

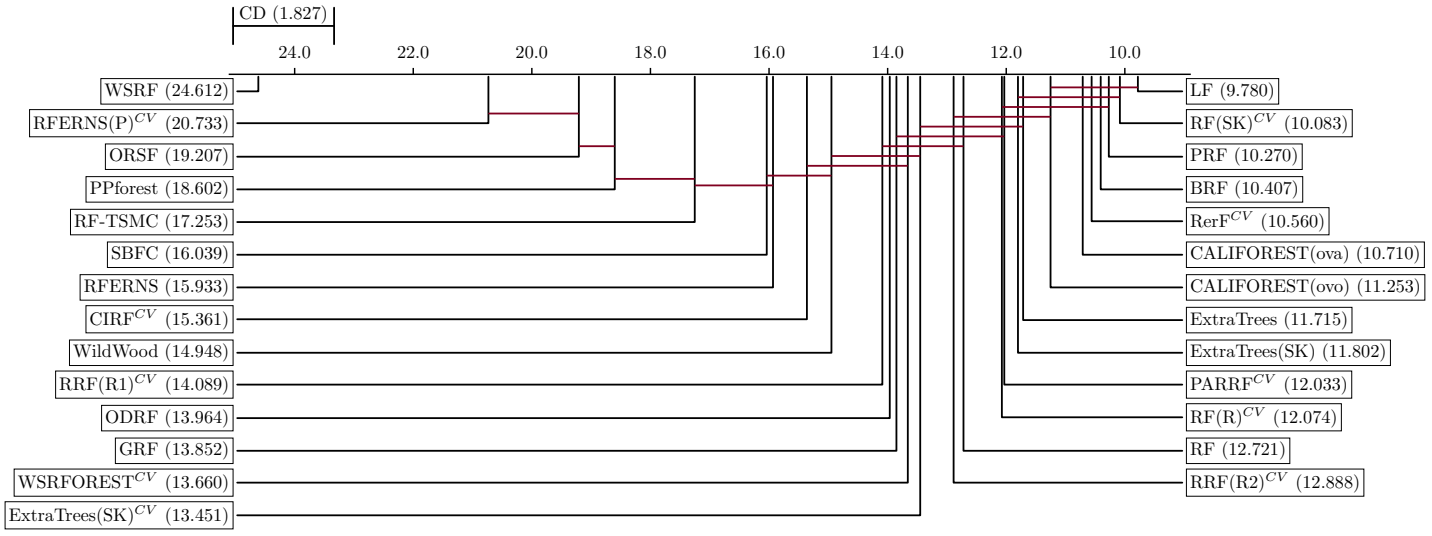


(d)

Figure 11: Nemenyi test results for Bayesian methods.

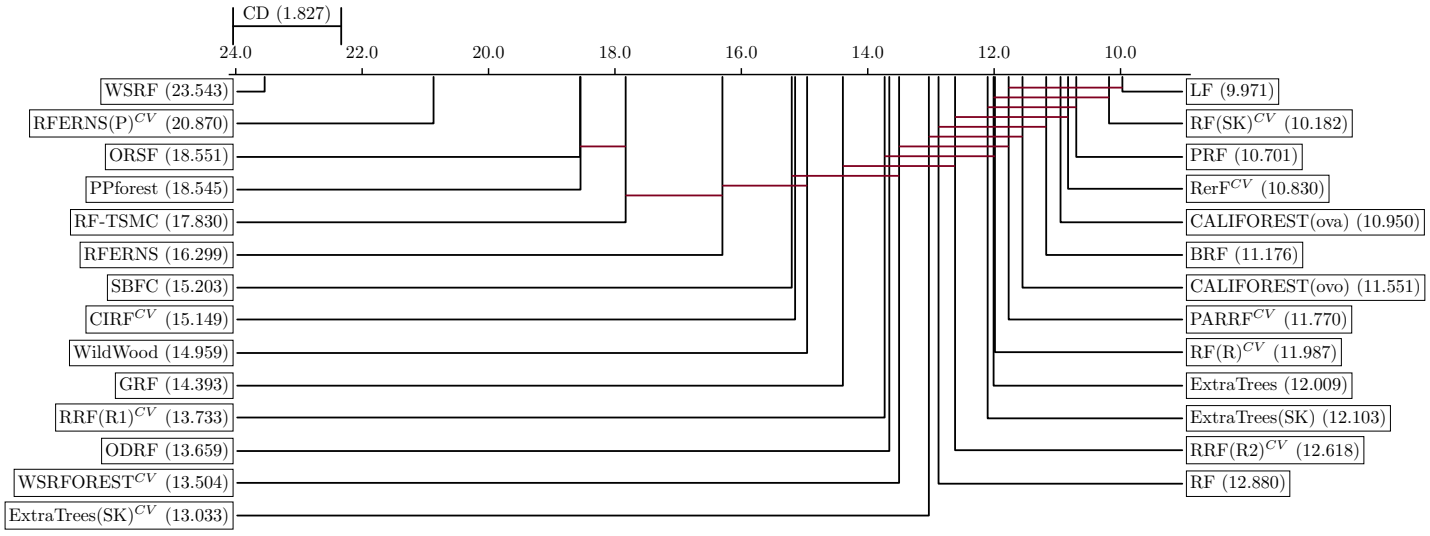


(a) Accuracy

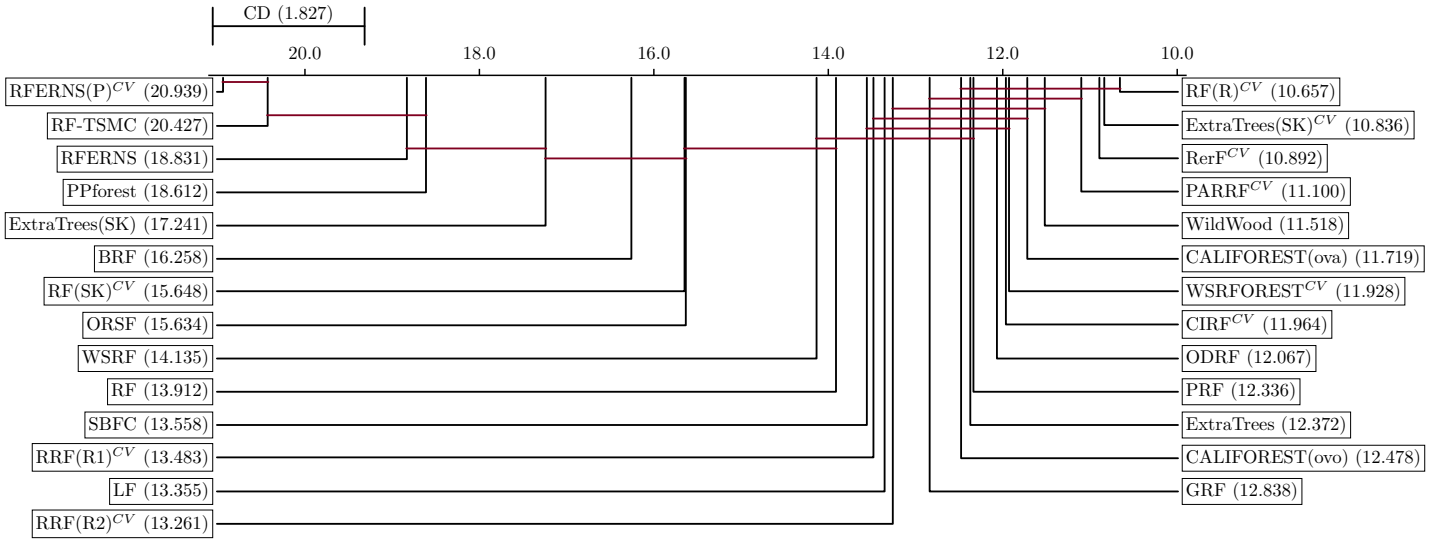


(b) F1-macro

Figure 12: Nemenyi test results for forest methods.

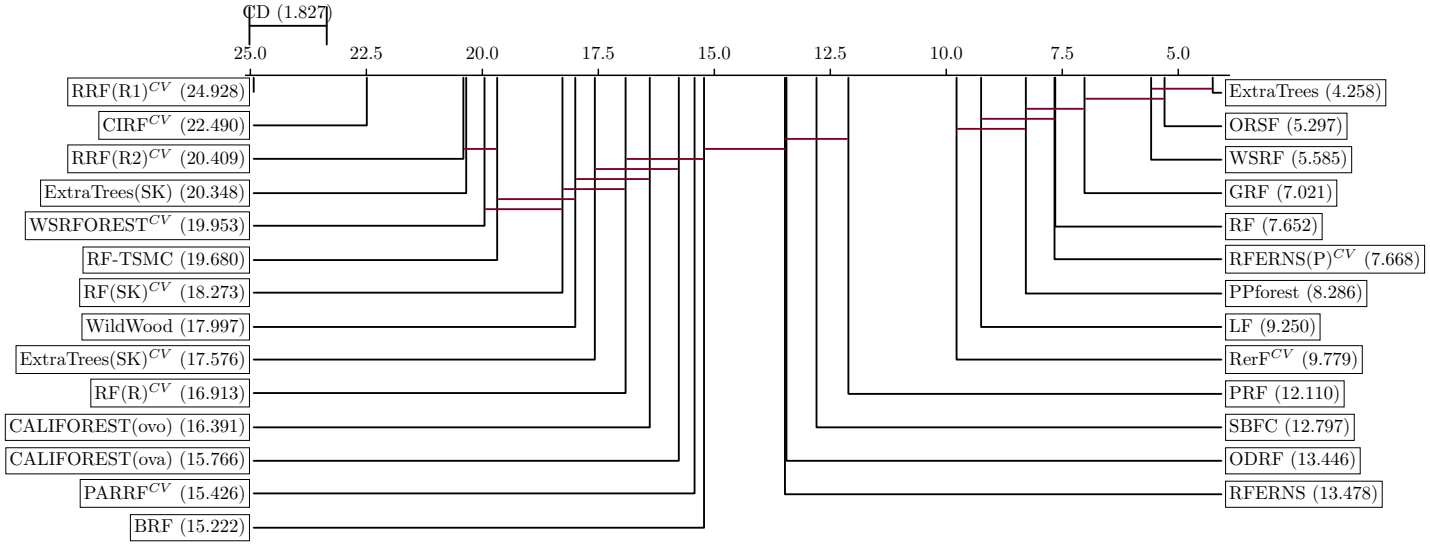


(a) Kappa



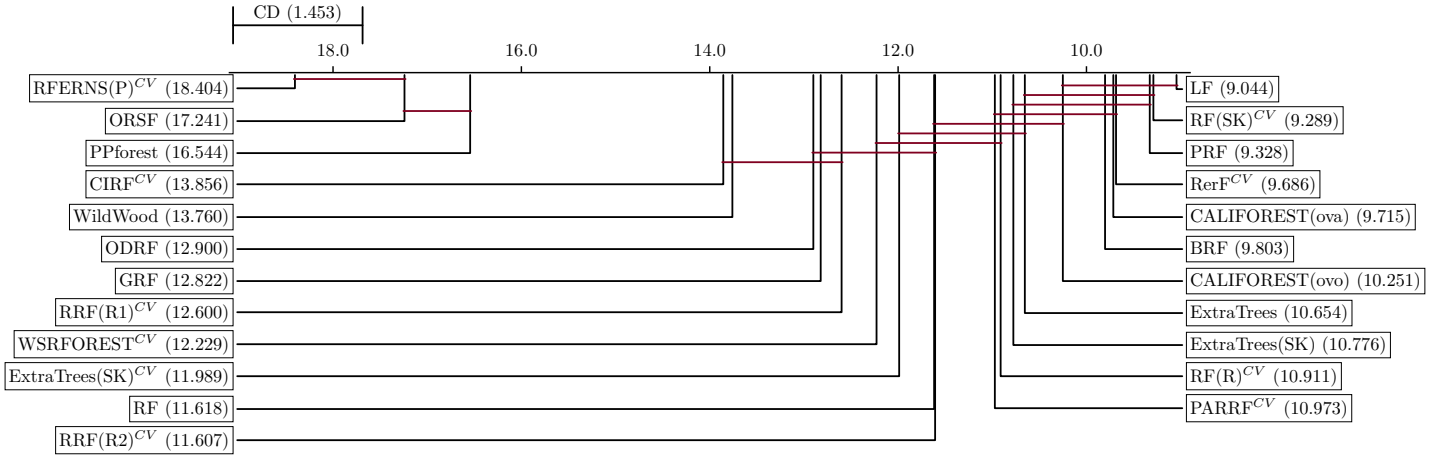
(b) CEN

Figure 13: Nemenyi test results for forest methods.

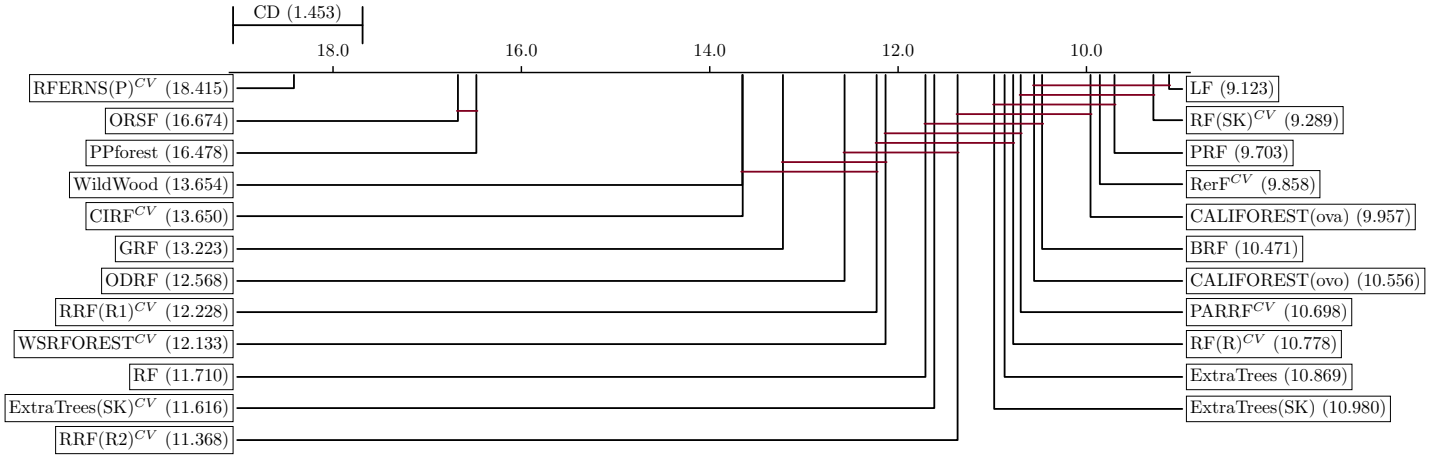


(a) Time

Figure 14: Nemenyi test results for forest methods.

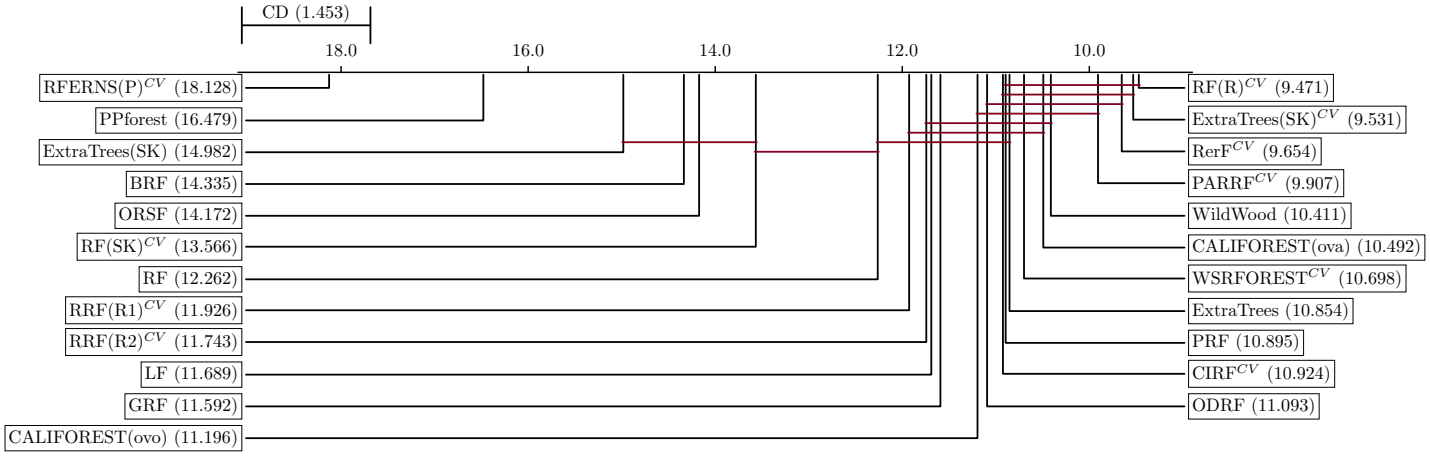


(a) F1-macro

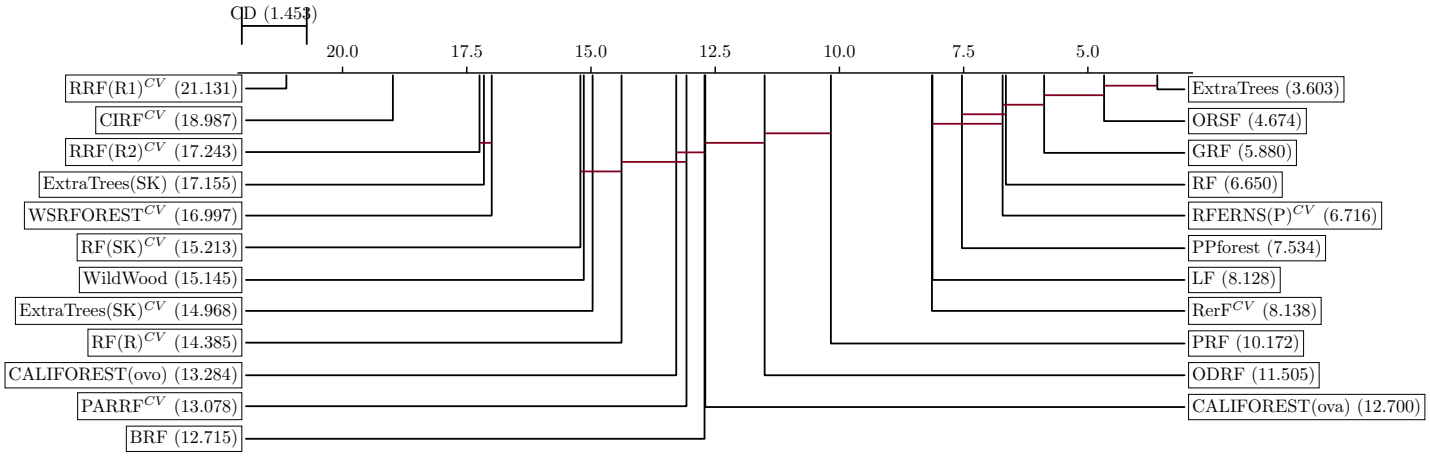


(b) Kappa

Figure 15: Nemenyi test results for Bayesian methods.



(a) CEN



(b) Time

Figure 16: Nemenyi test results for Bayesian methods.

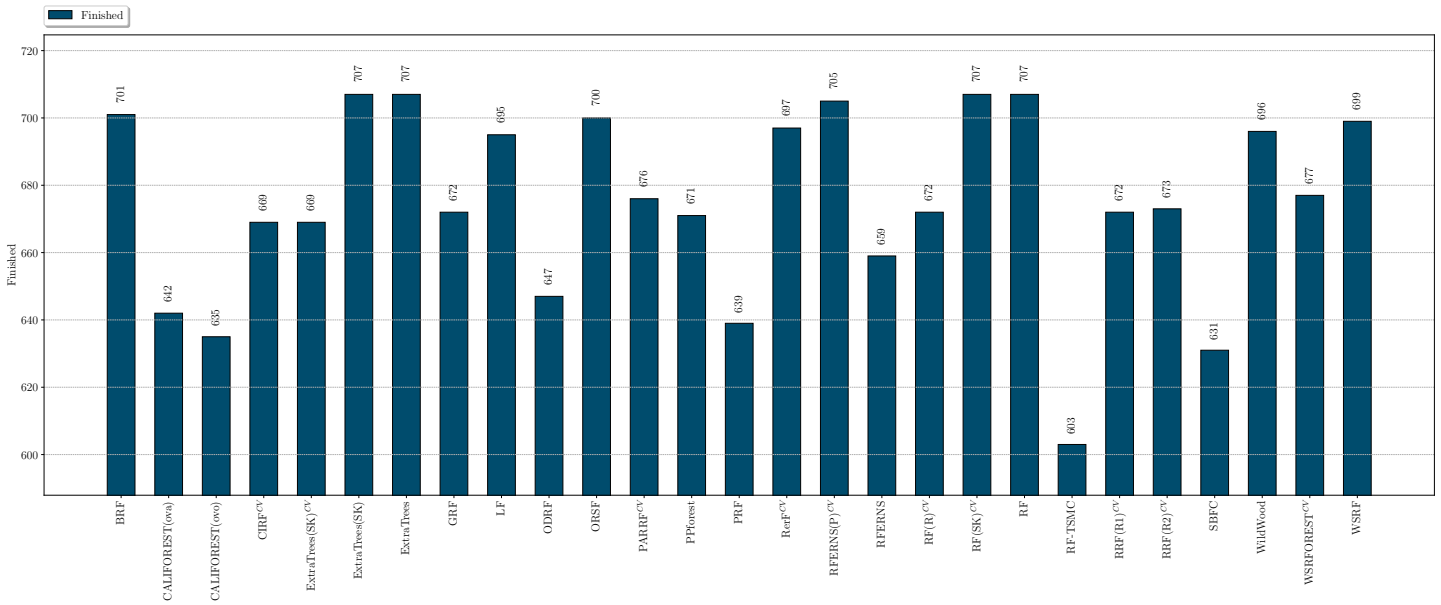
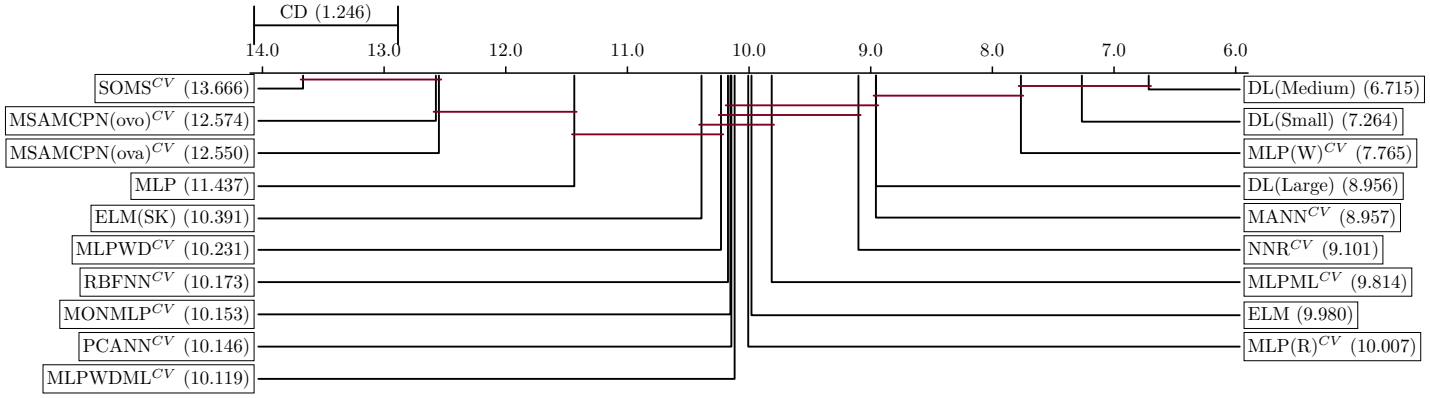
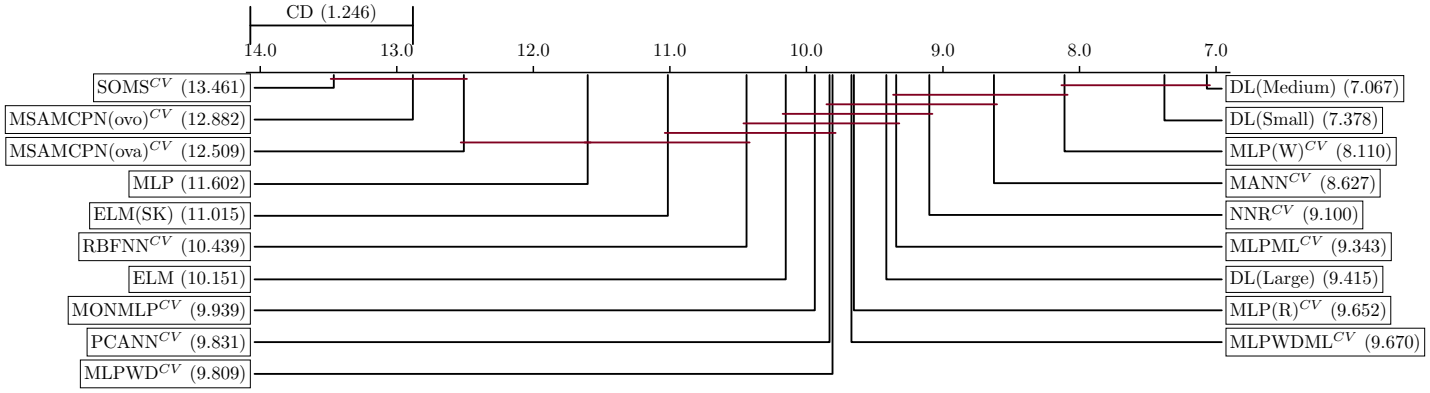


Figure 17: Finished datasets for each forest method.

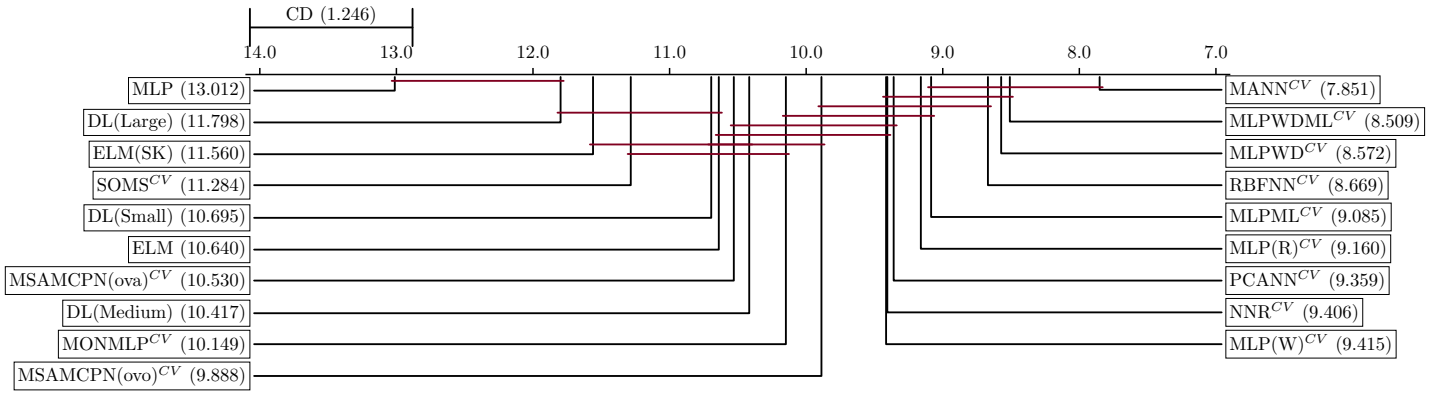


(a) F1-macro

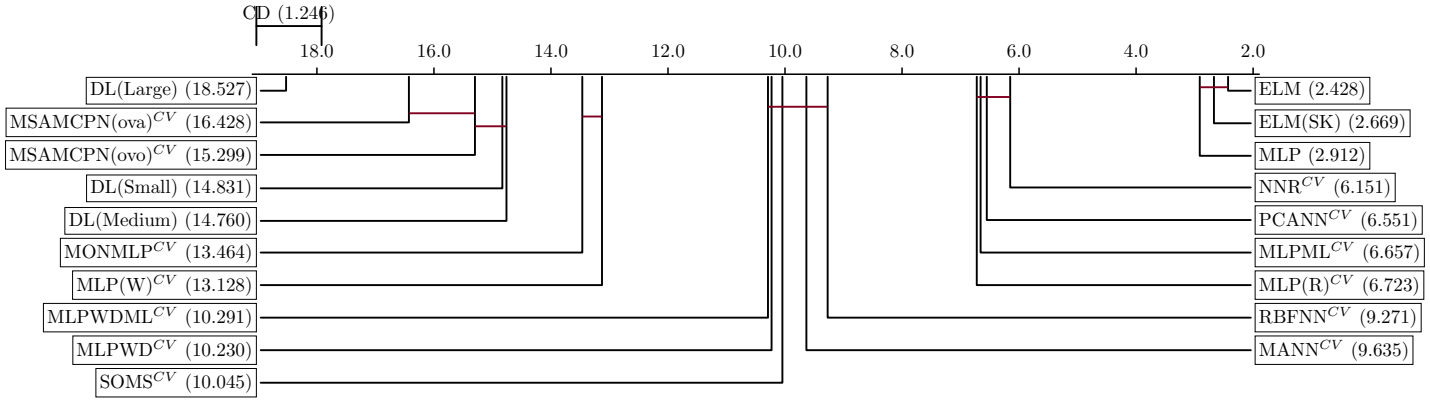


(b) Kappa

Figure 18: Nemenyi test results for neural networks.



(a) CEN



(b) Time

Figure 19: Nemenyi test results for neural networks.

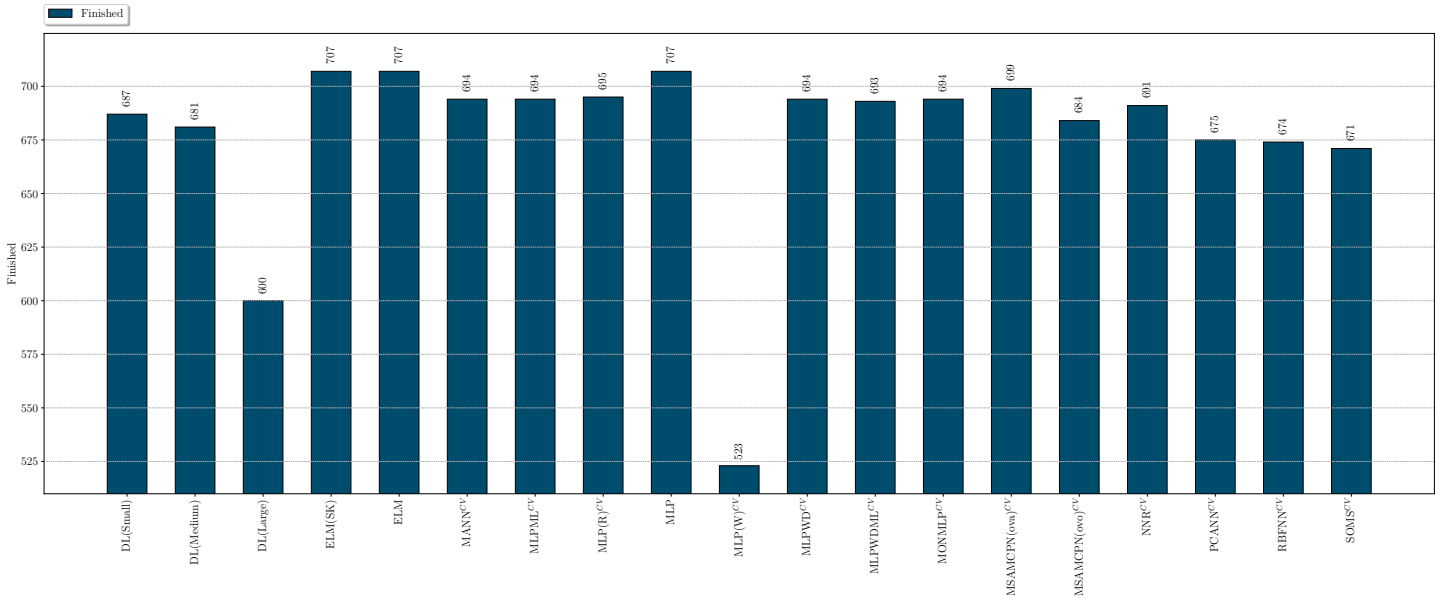


Figure 20: Finished datasets for each neural networks method.

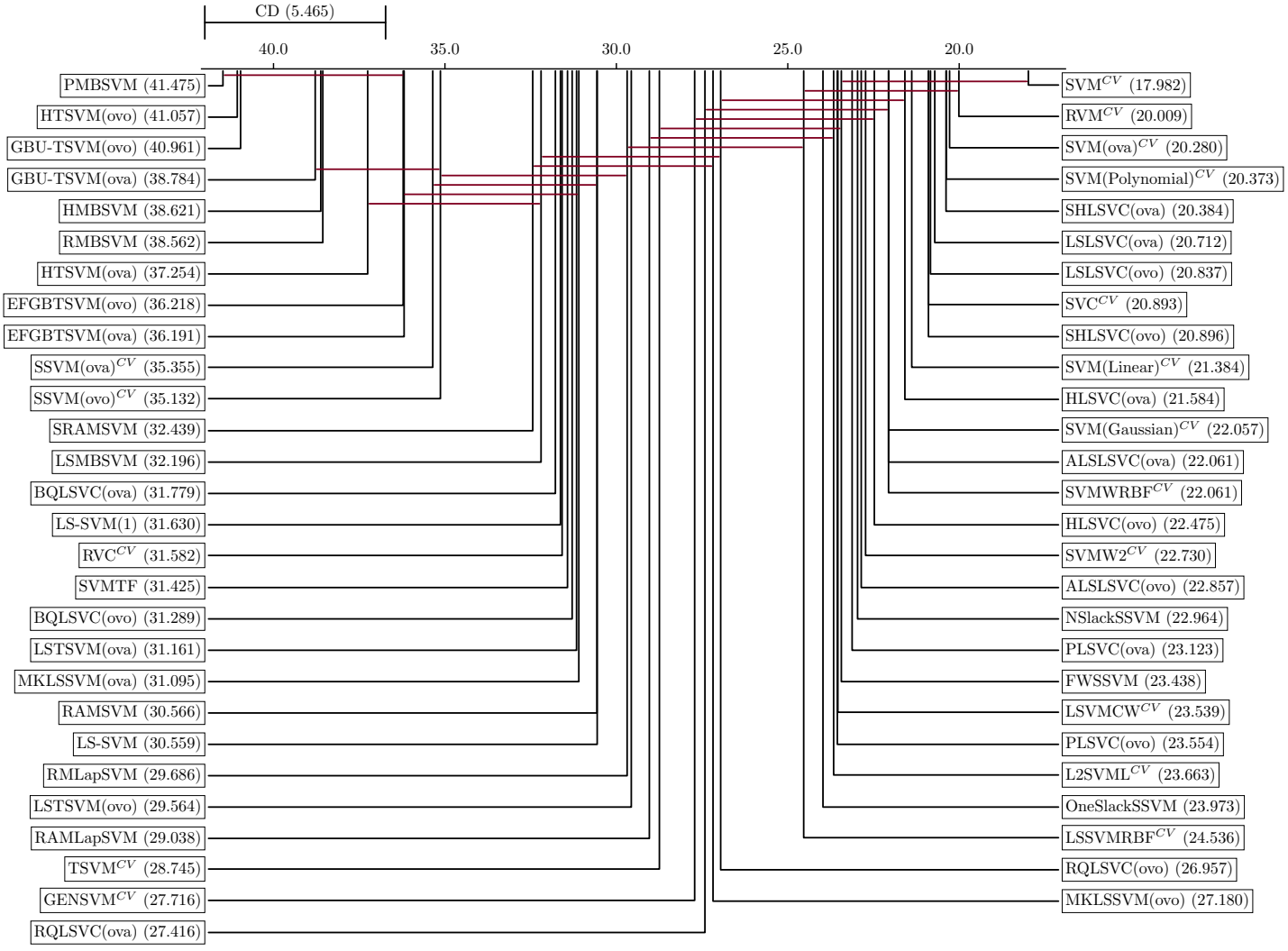
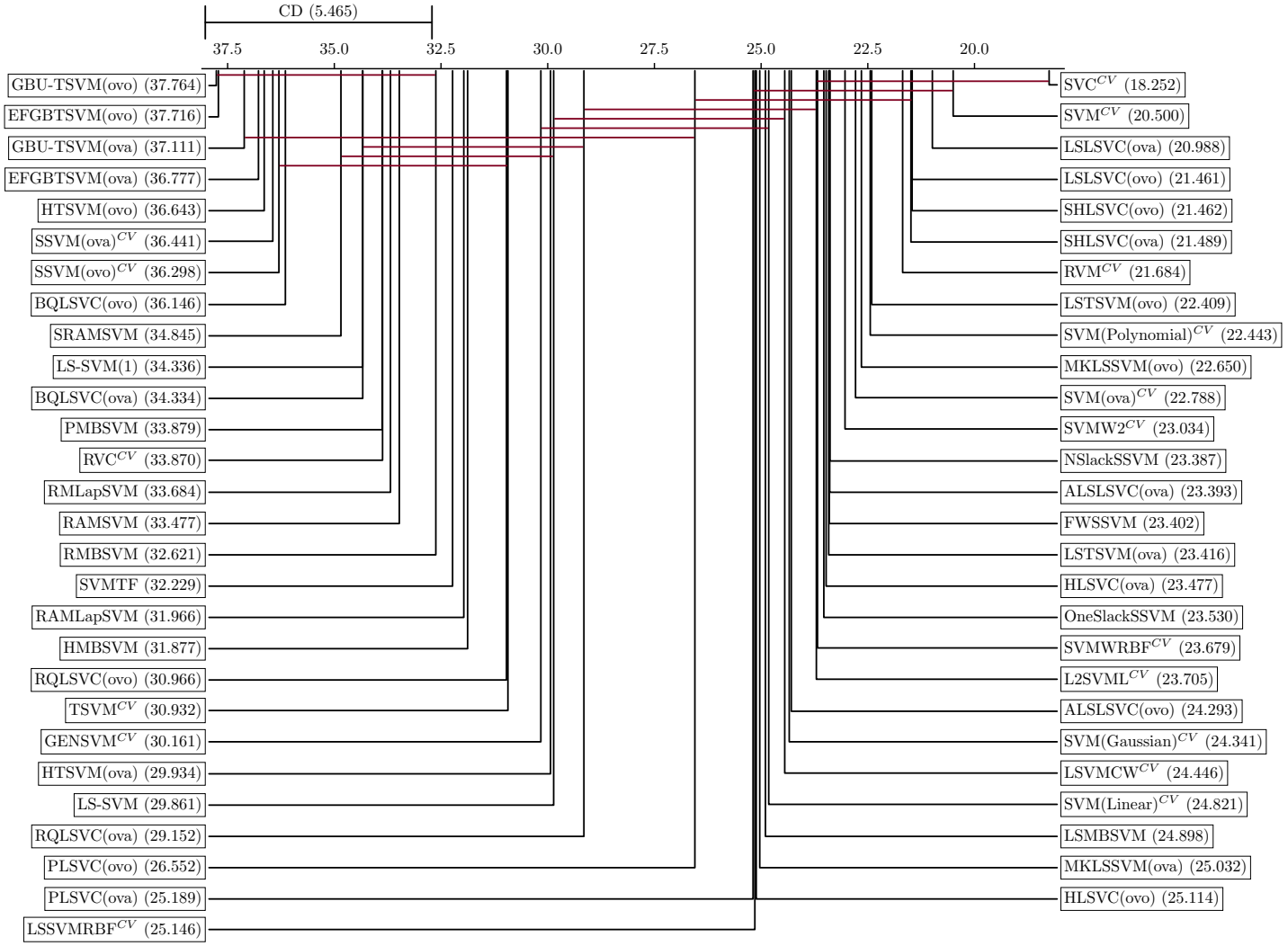
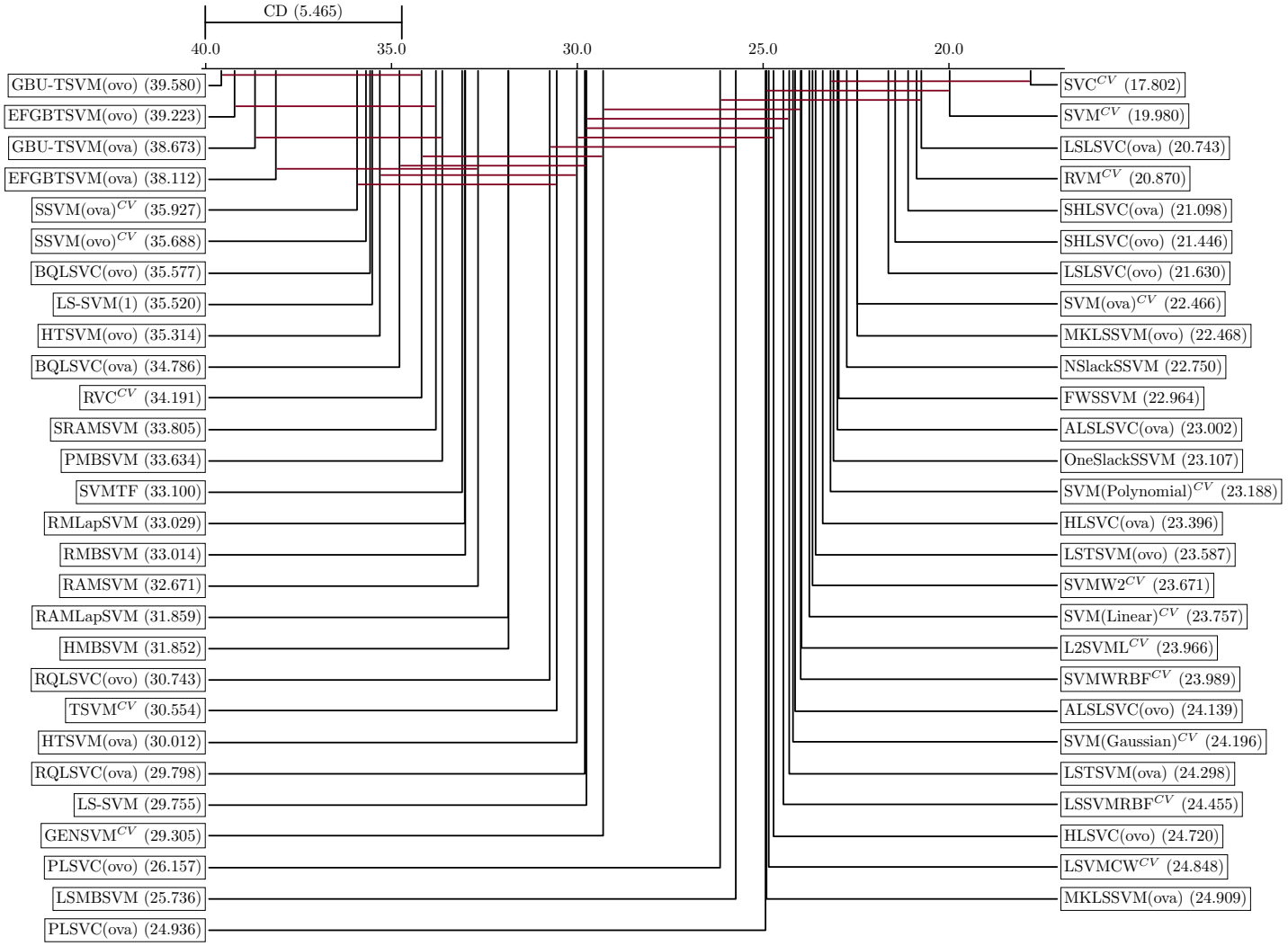


Figure 21: Nemenyi test results for support vector machine methods.



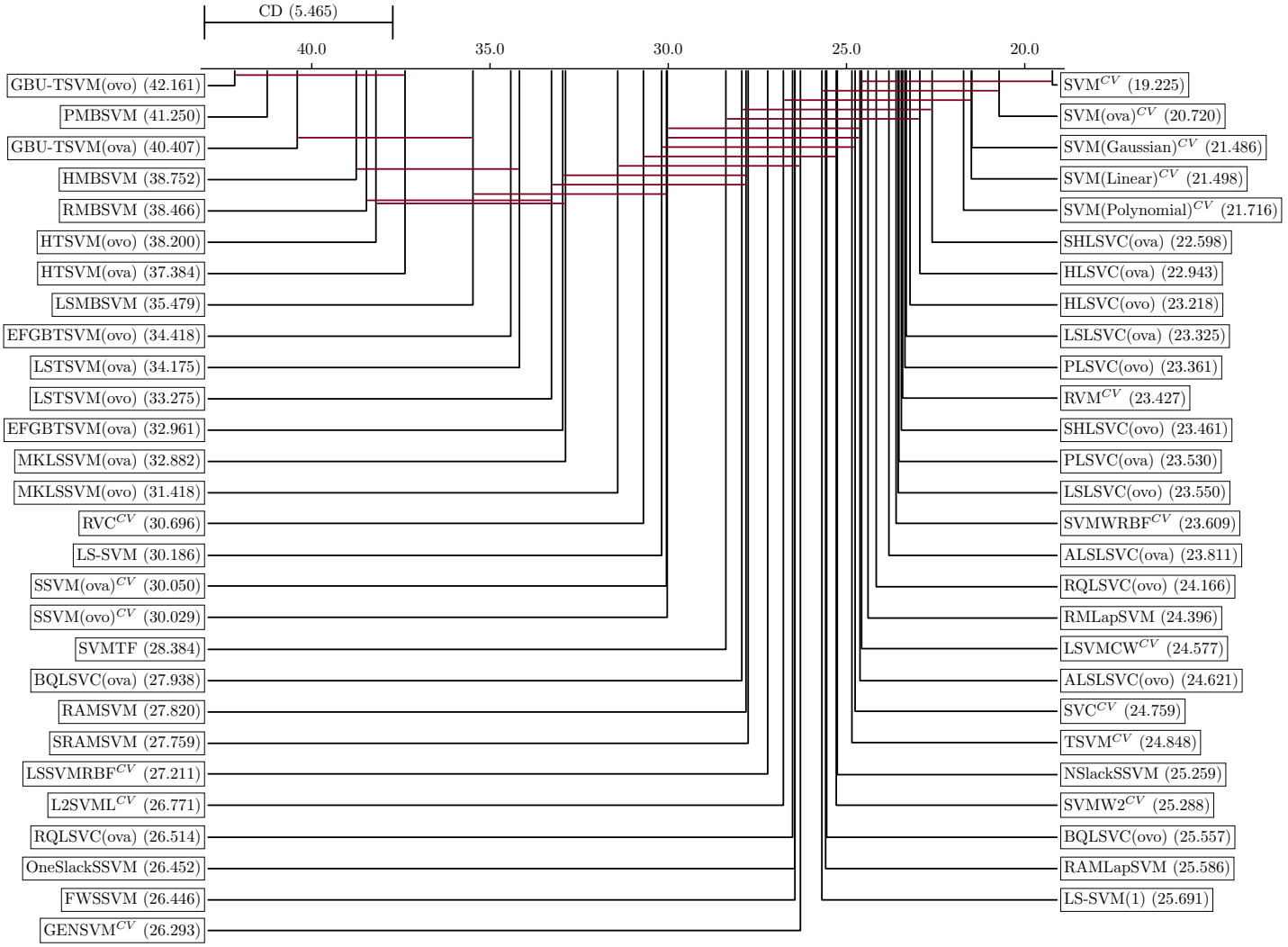
F1-macro

Figure 22: Nemenyi test results for support vector machine methods.



Kappa

Figure 23: Nemenyi test results for support vector machine methods.



CEN

Figure 24: Nemenyi test results for support vector machine methods.

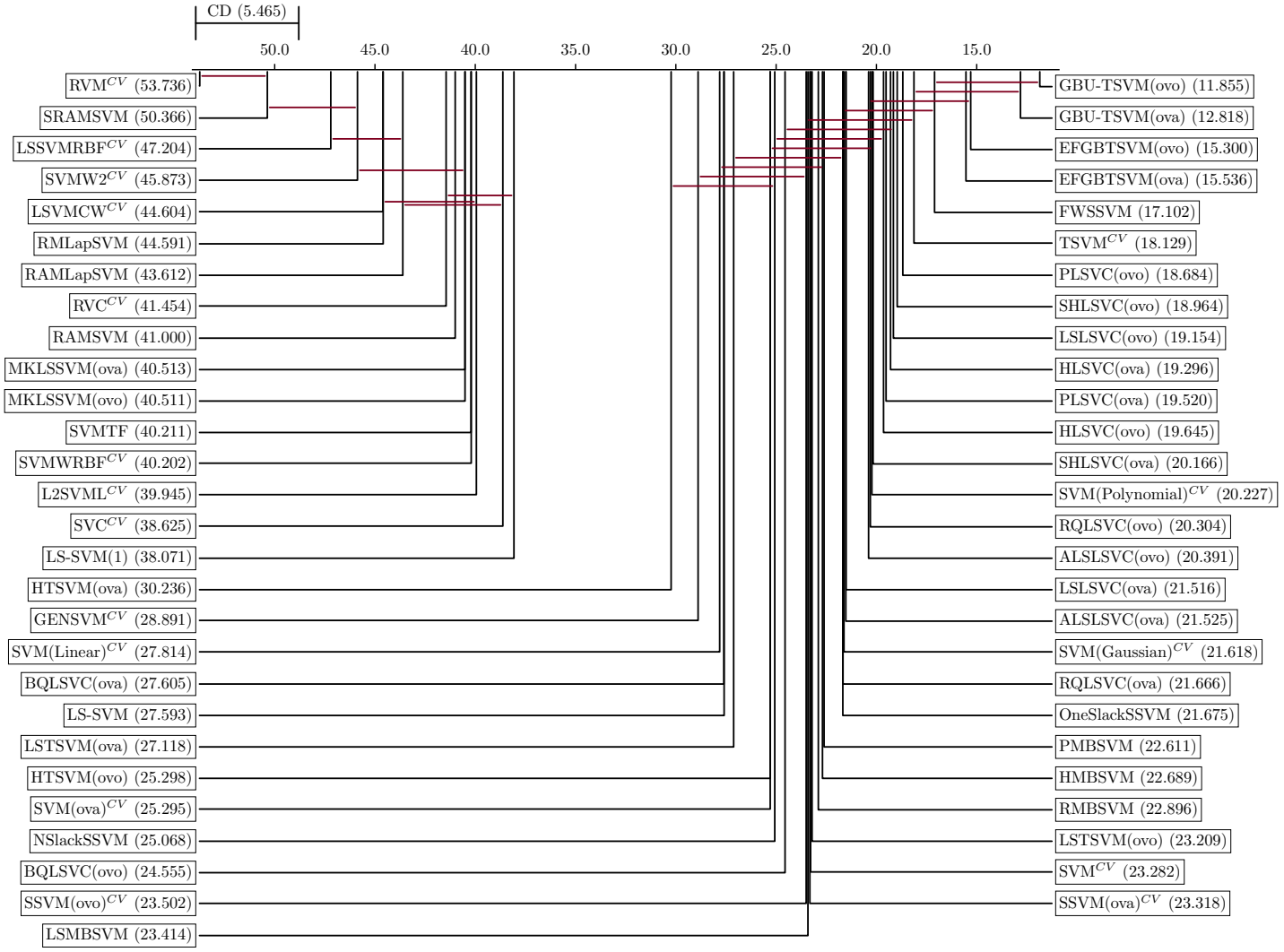
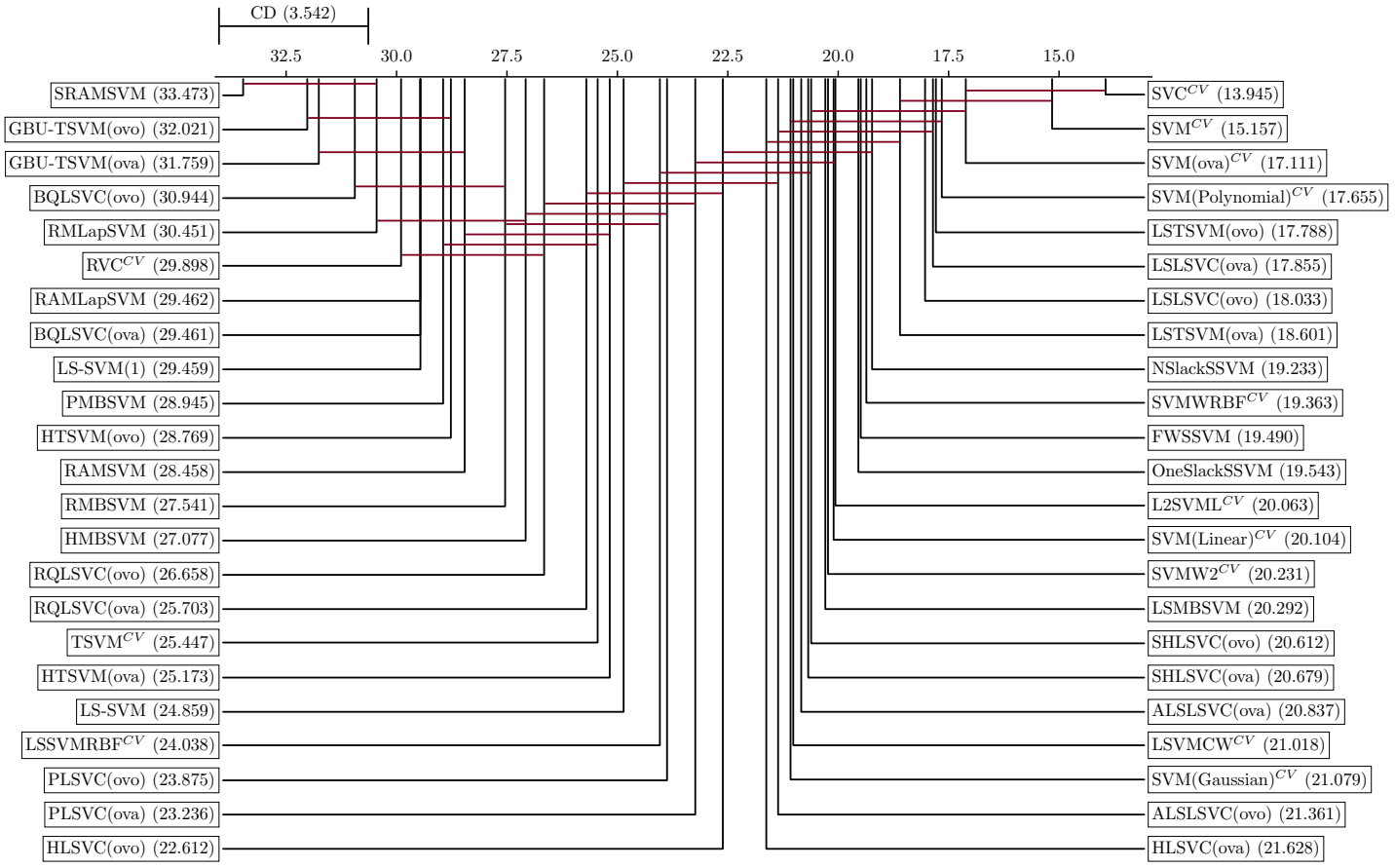
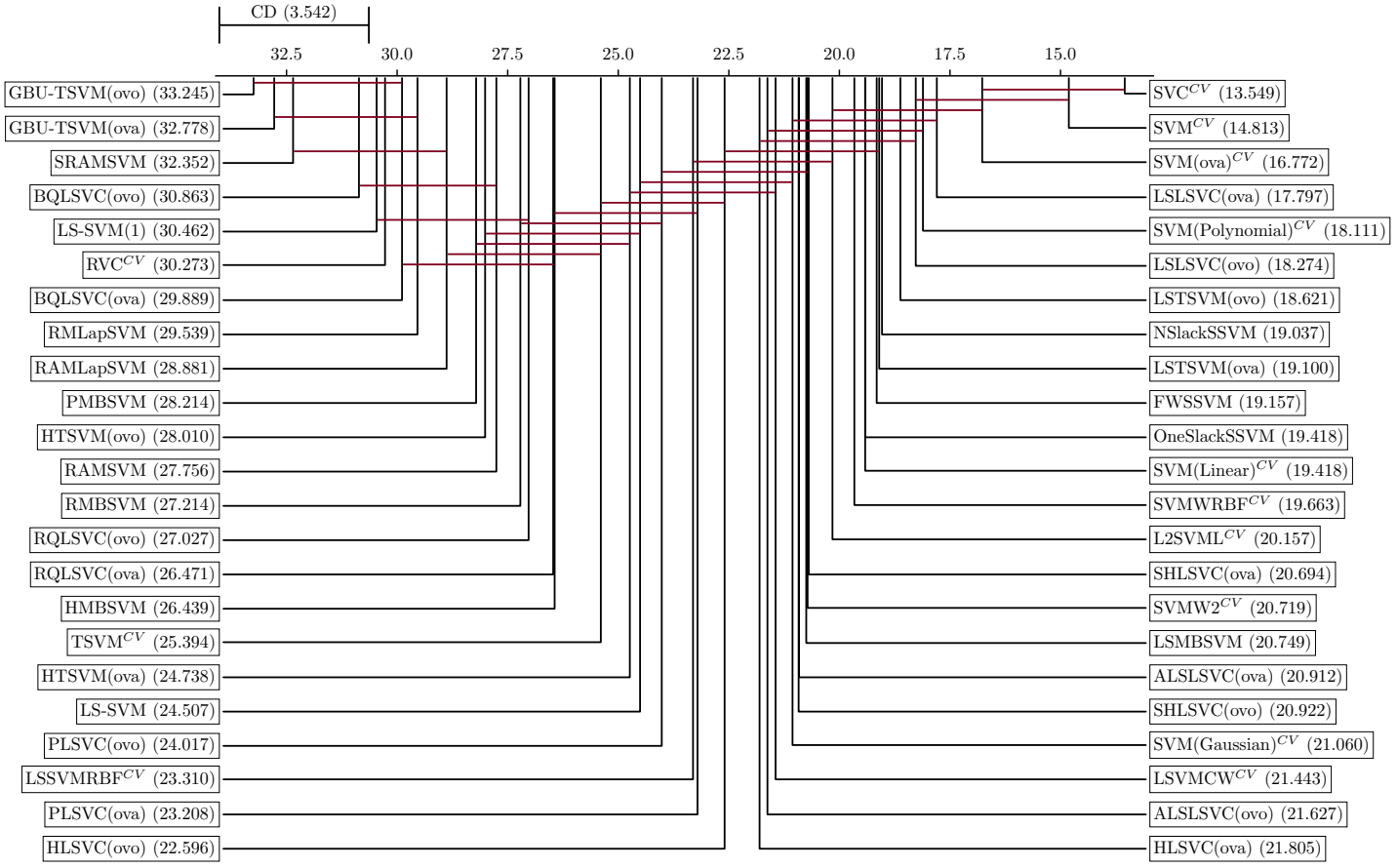


Figure 25: Nemenyi test results for support vector machine methods.

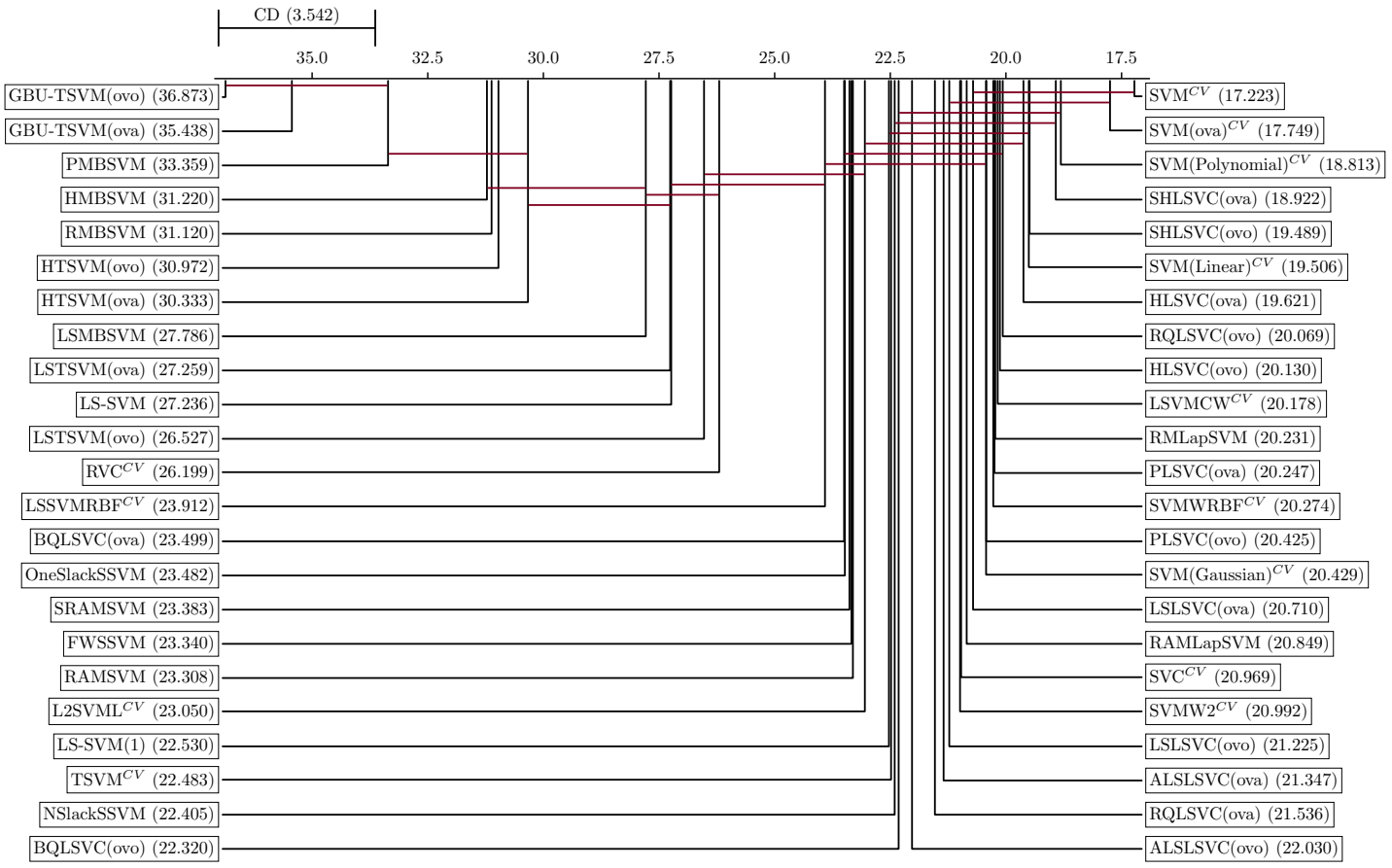


(a) F1-macro

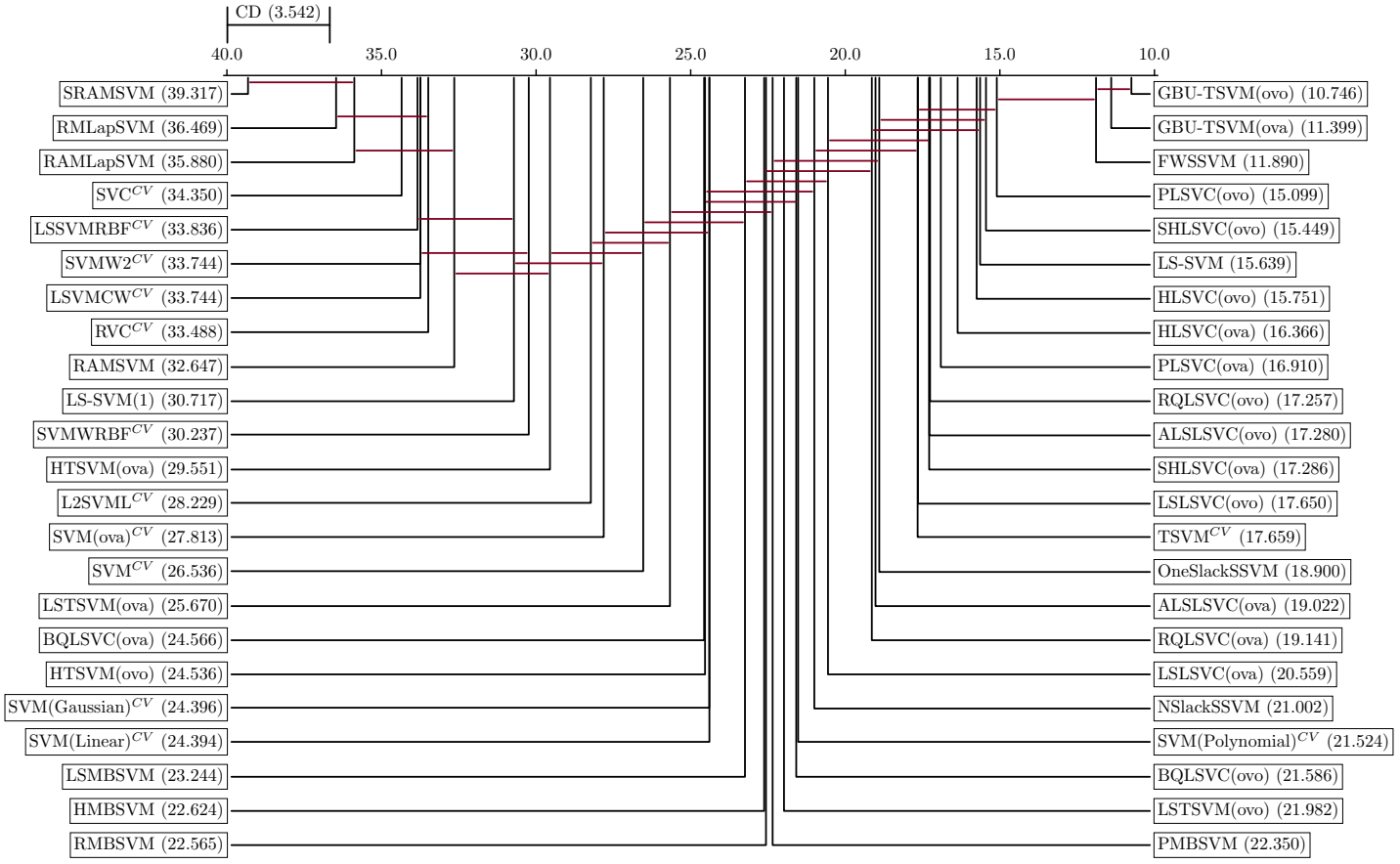


(b) Kappa

Figure 26: Nemenyi test results for Bayesian methods.



(a) CEN



(b) Time

Figure 27: Nemenyi test results for Bayesian methods.

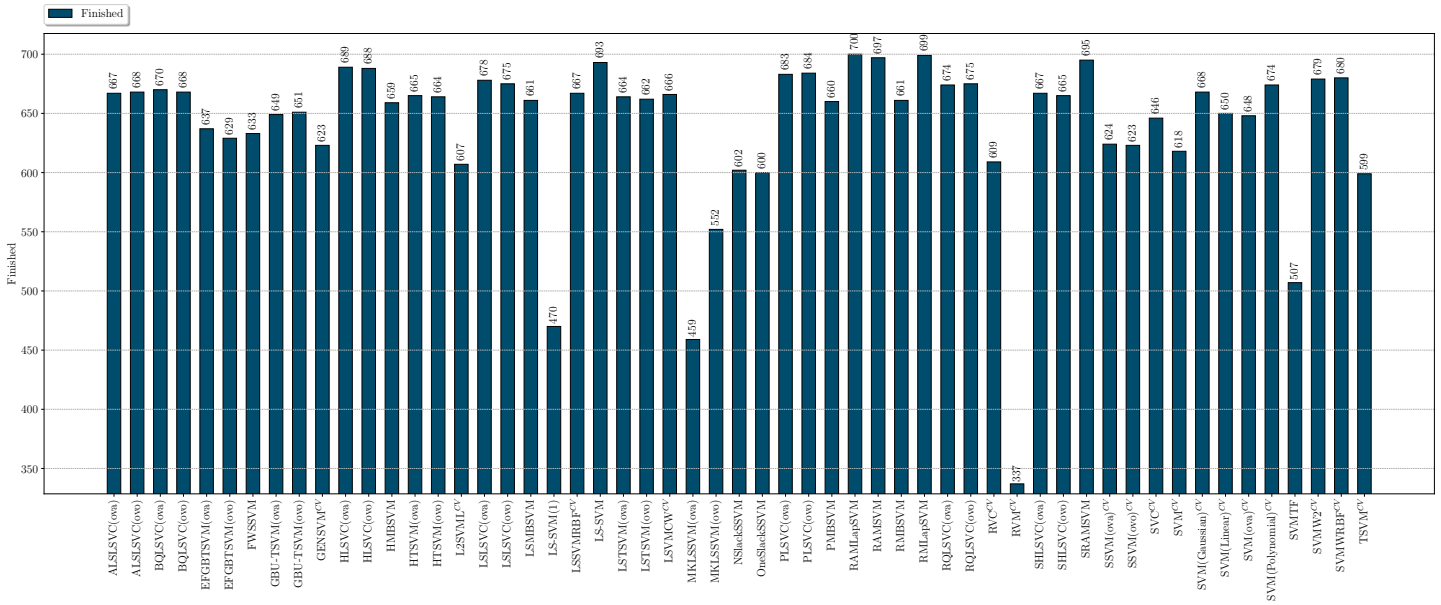
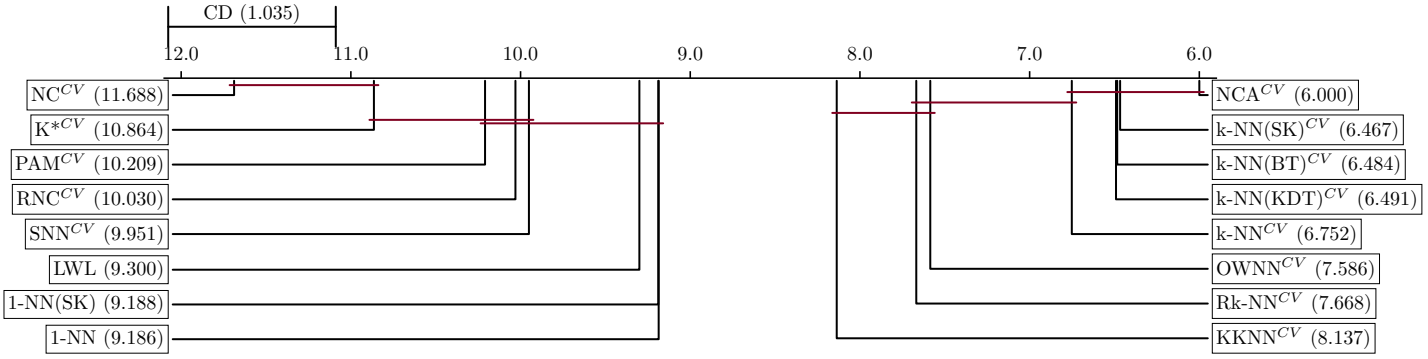
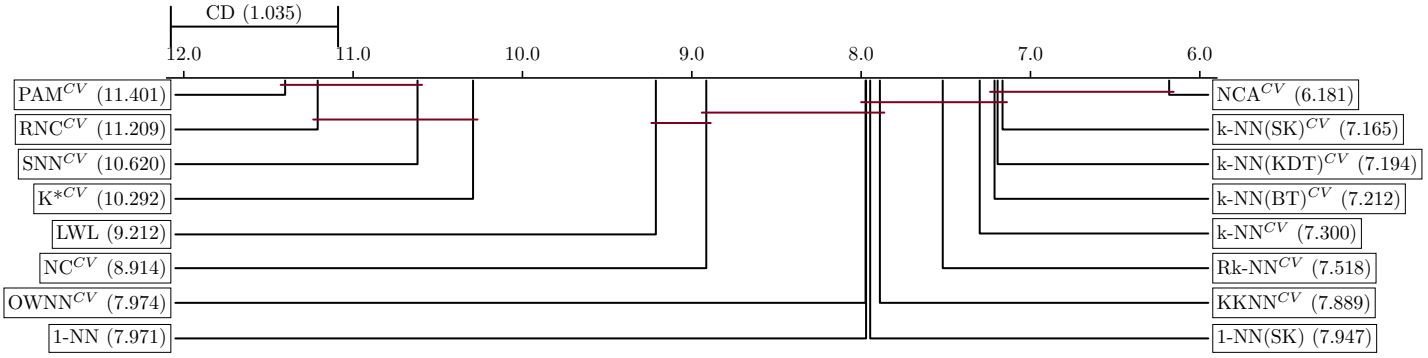


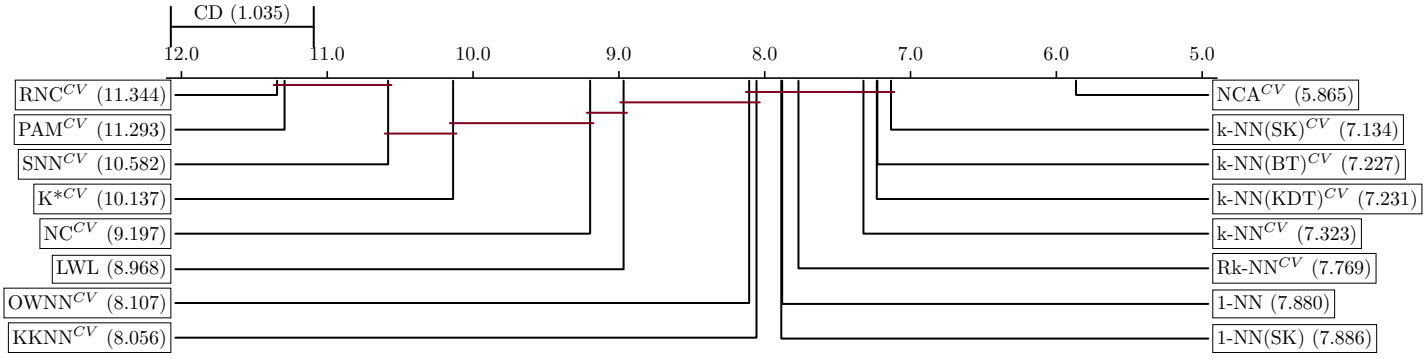
Figure 28: Finished datasets for each support vector machine method.



(a) Accuracy

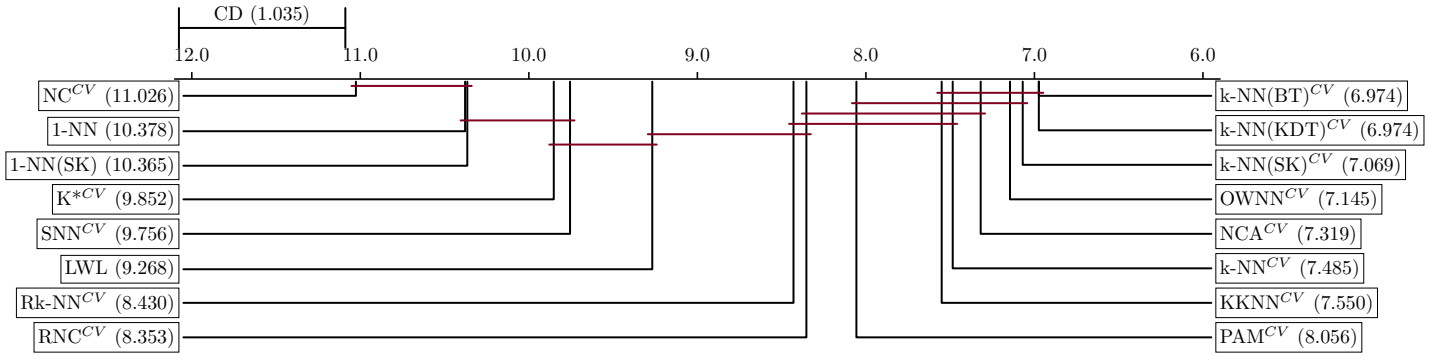


(b) F1-macro

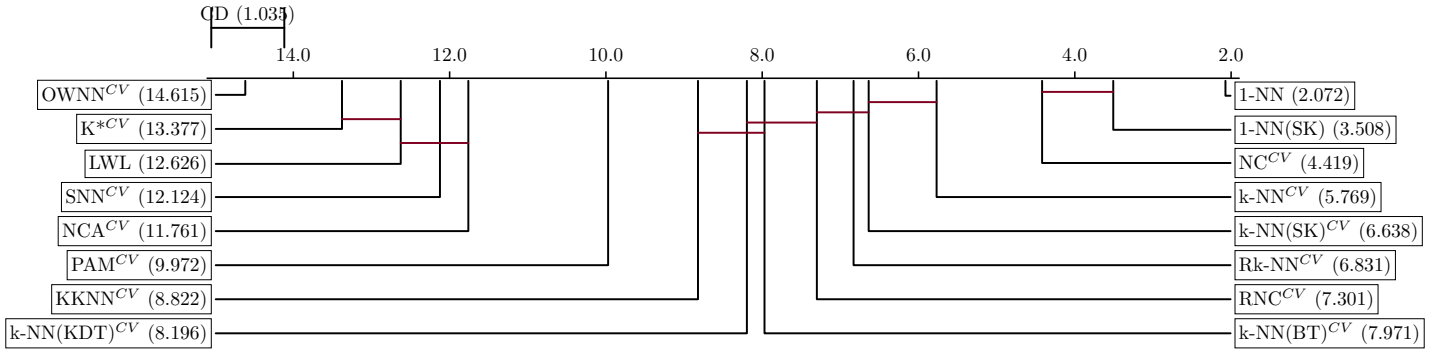


(c) Kappa

Figure 29: Nemenyi test results for instance-based methods.

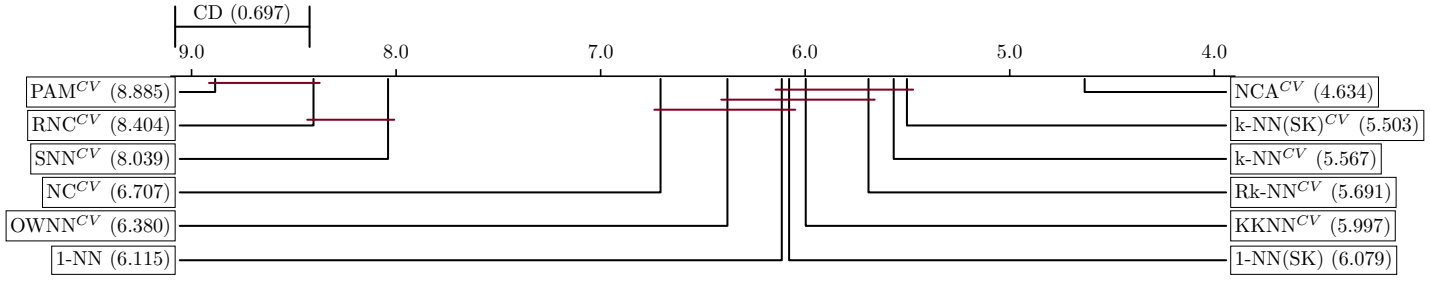


(a) CEN

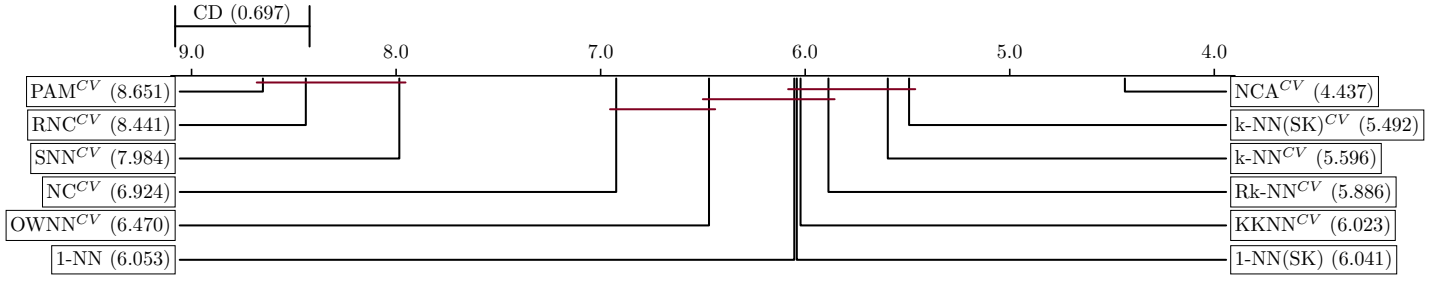


(b) Time

Figure 30: Nemenyi test results for instance-based methods.

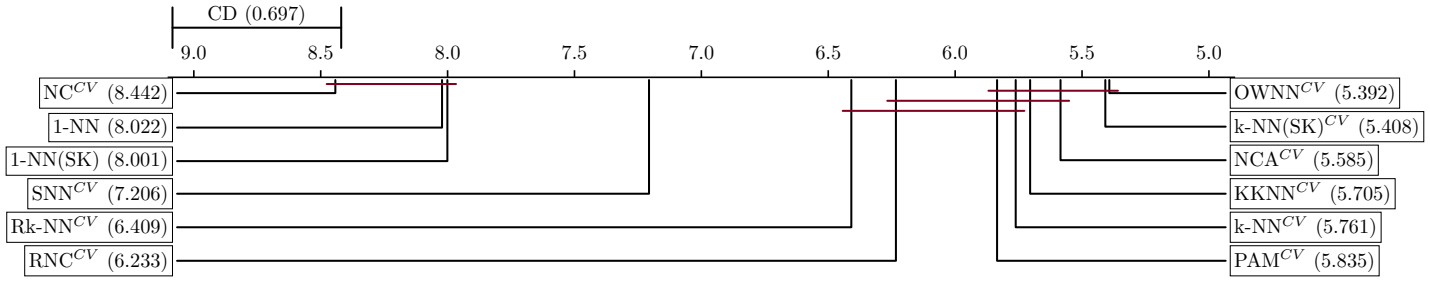


(a) F1-macro

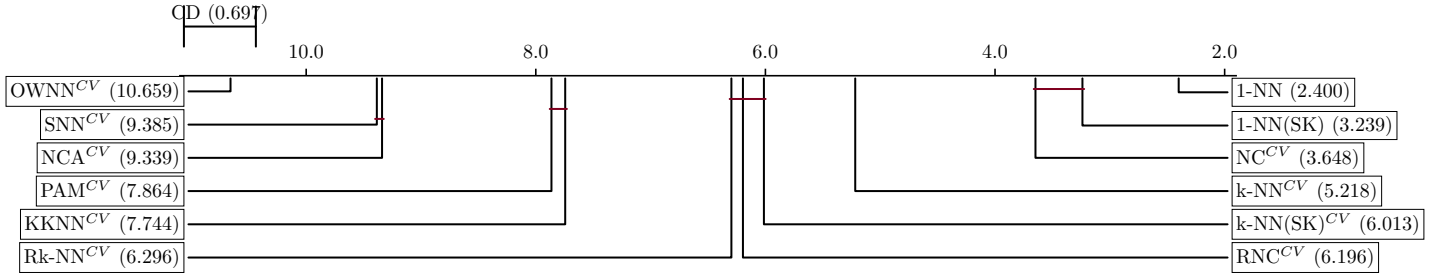


(b) Kappa

Figure 31: Nemenyi test results for instance-based methods.



(a) CEN



(b) Time

Figure 32: Nemenyi test results for instance-based methods.

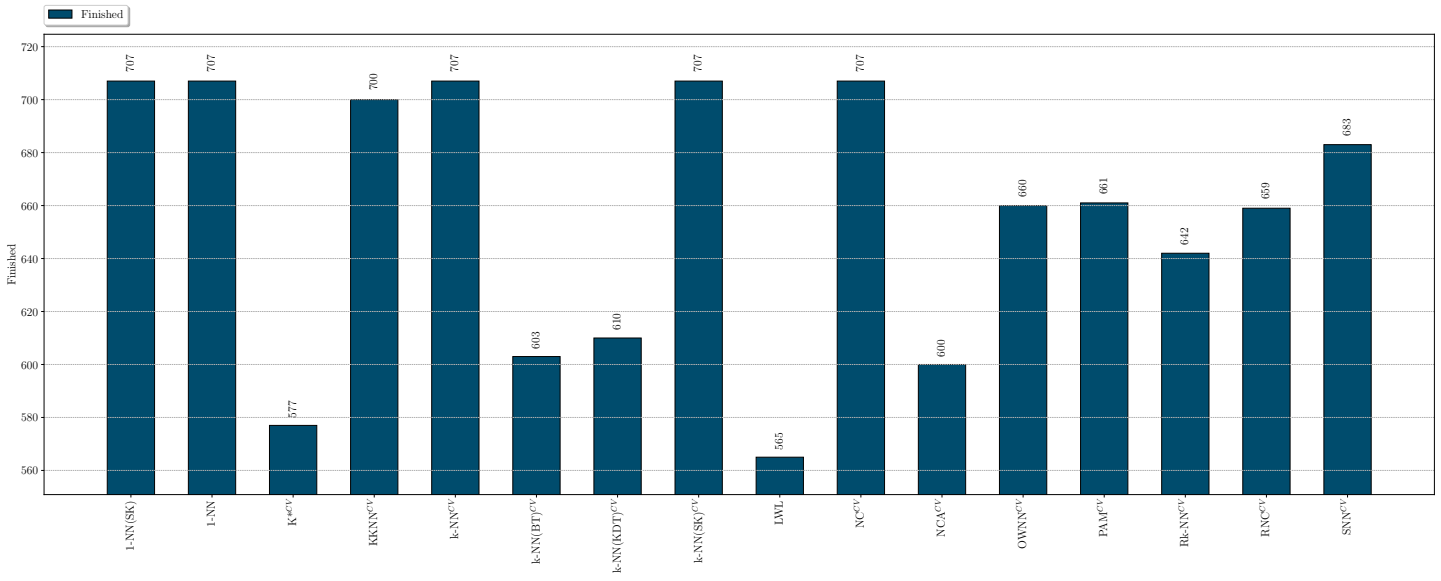
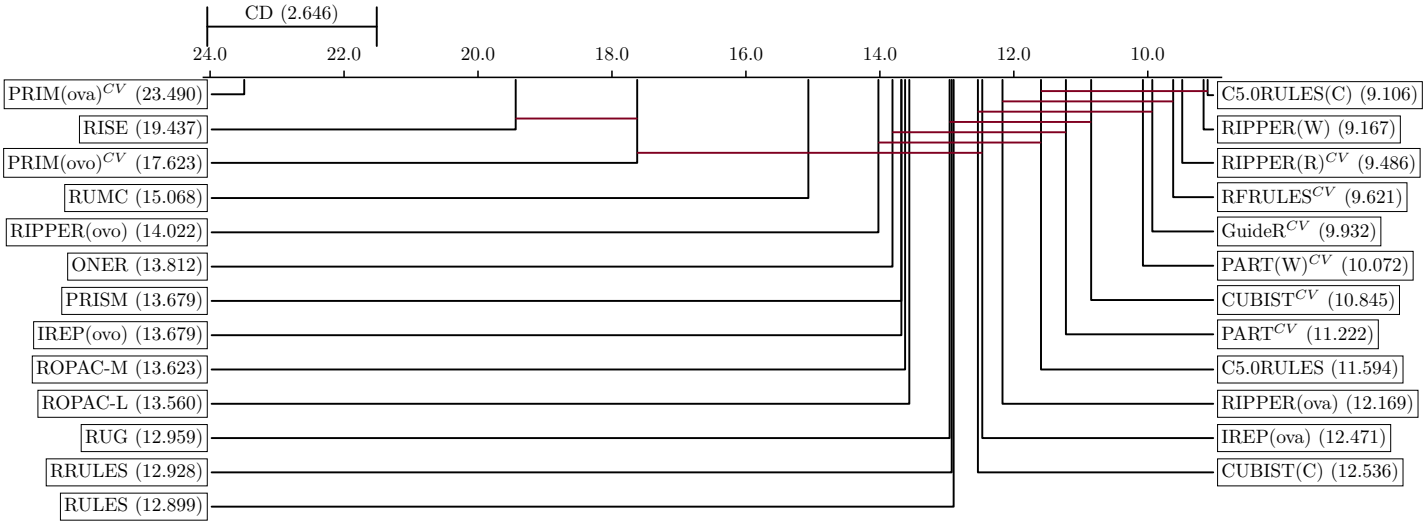
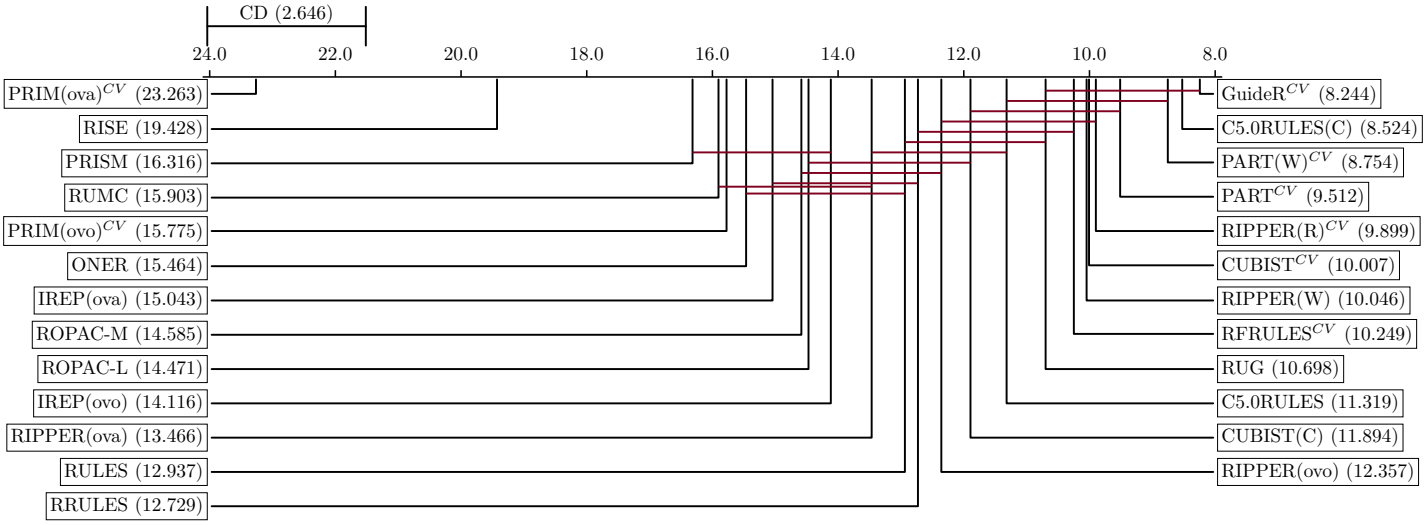


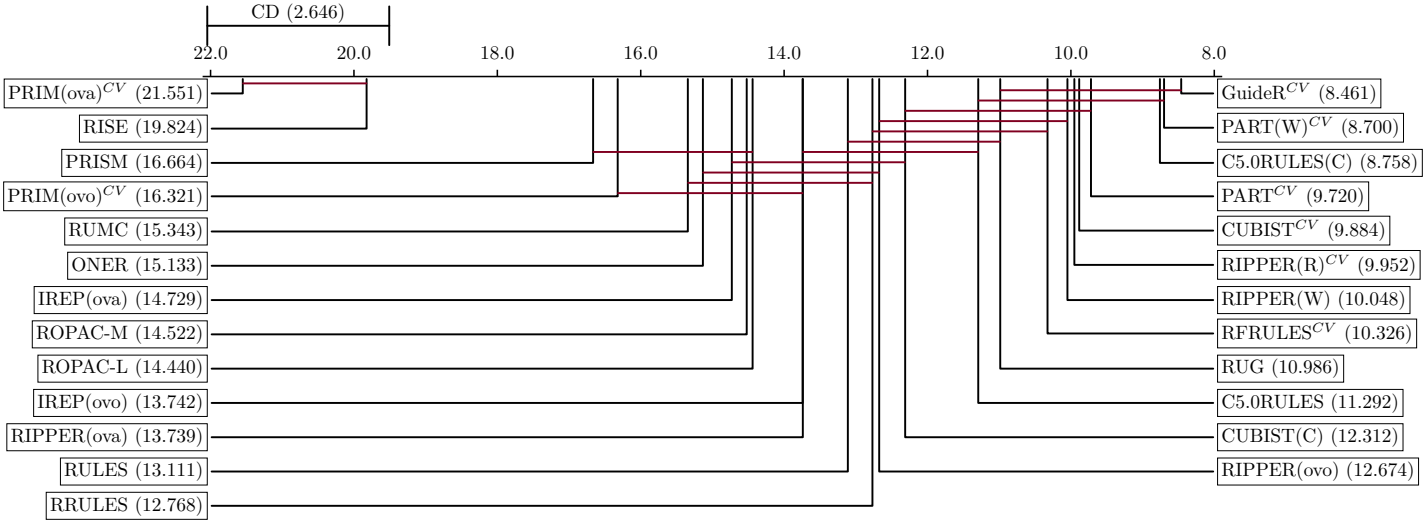
Figure 33: Finished datasets for each instance-based method.



(a) Accuracy

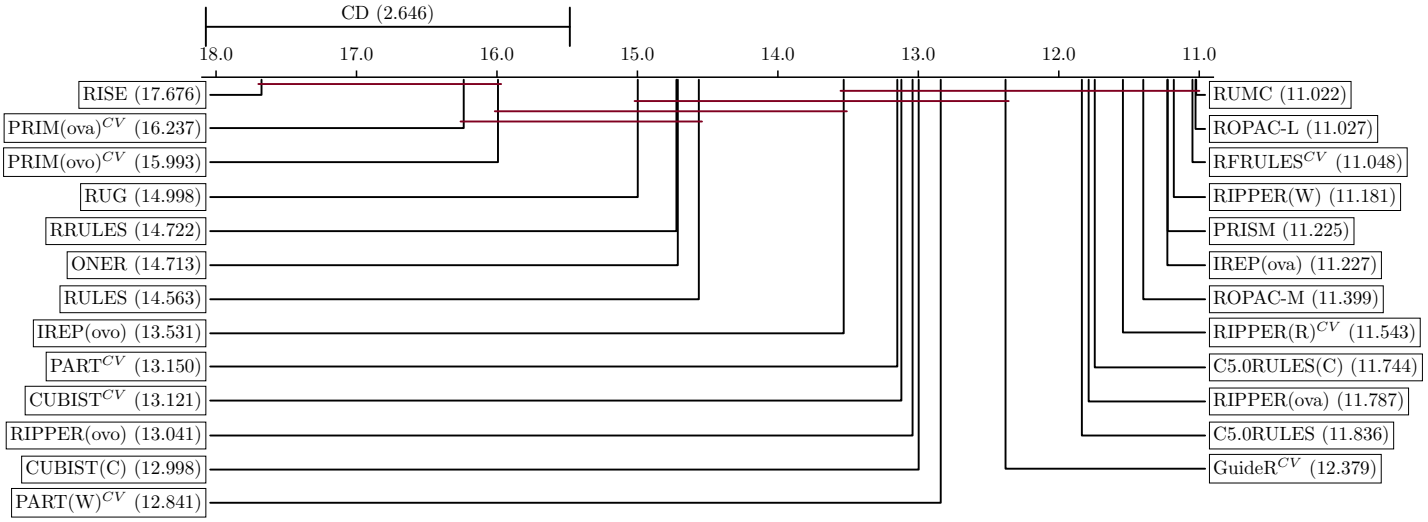


(b) F1-macro

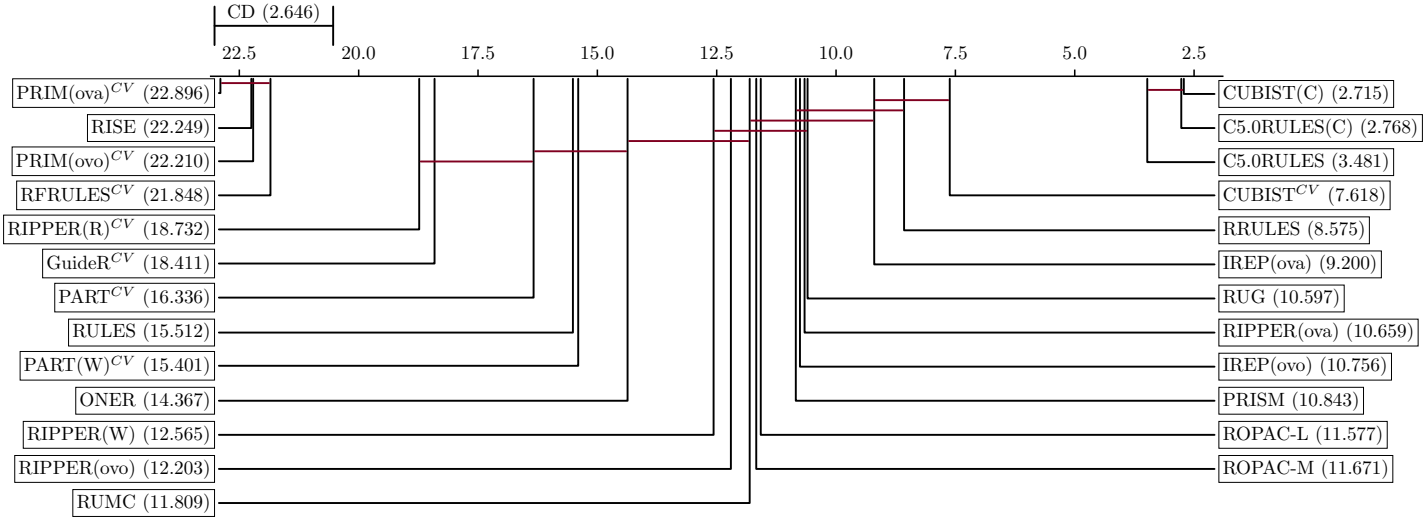


(c) Kappa

Figure 34: Nemenyi test results for rule-based methods.

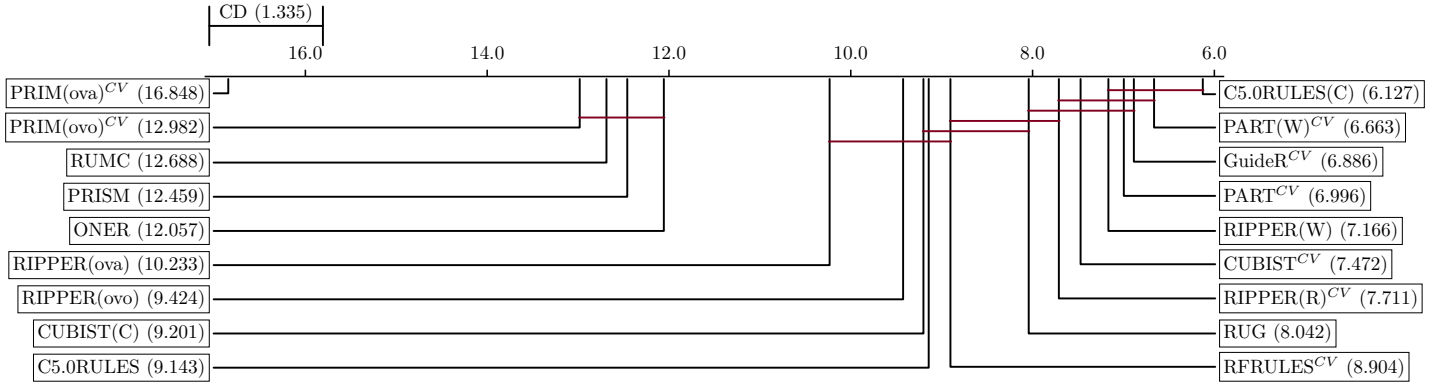


(a) CEN

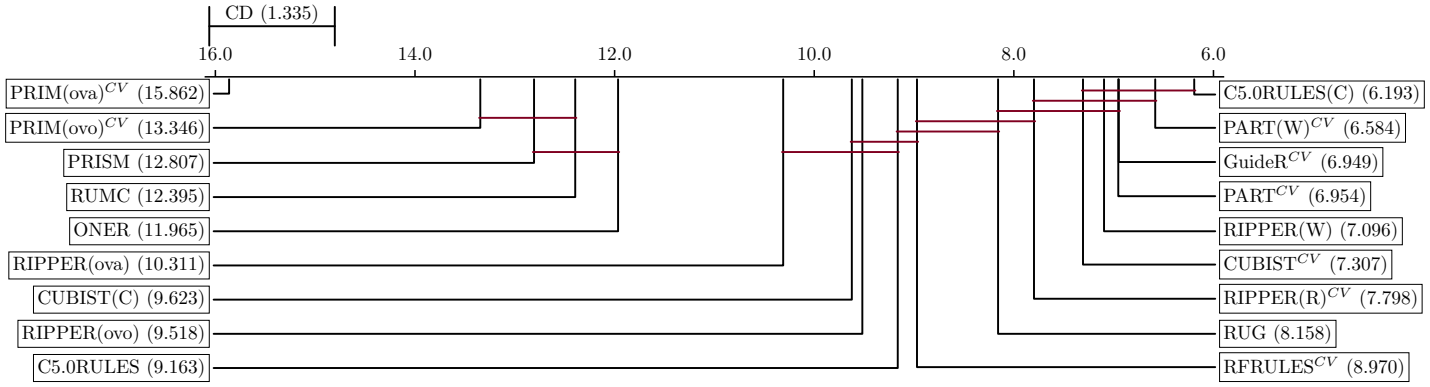


(b) Time

Figure 35: Nemenyi test results for rule-based methods.

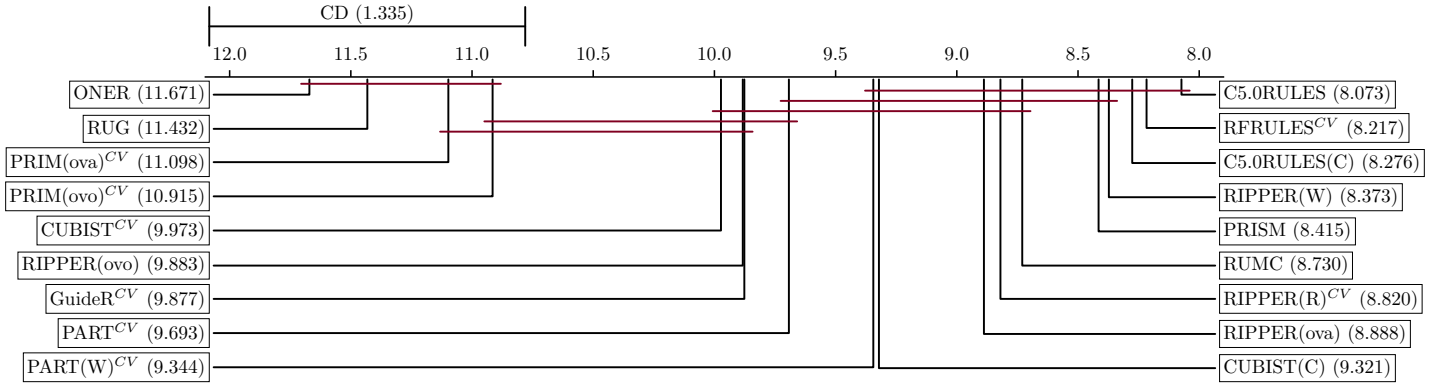


(a) F1-macro

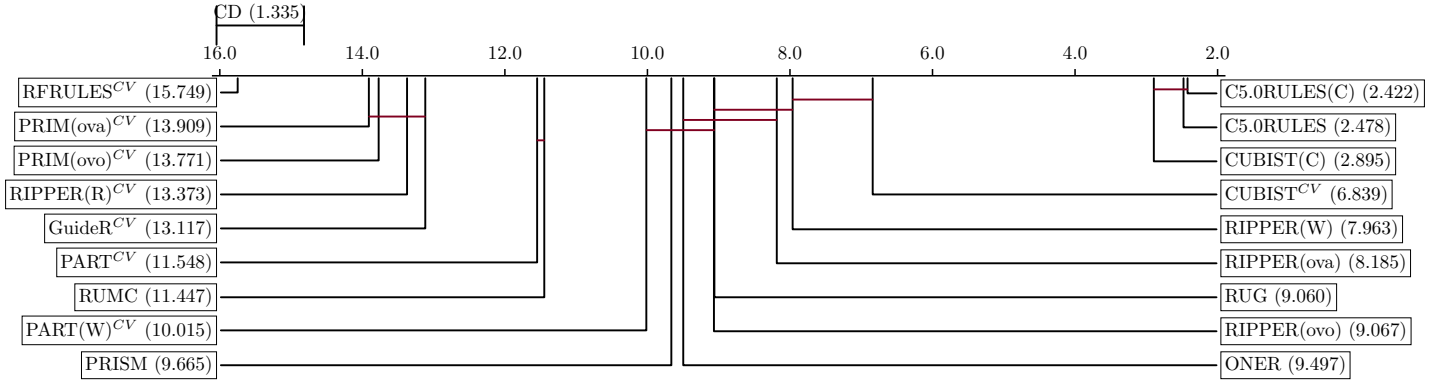


(b) Kappa

Figure 36: Nemenyi test results for rule-based methods.



(a) CEN



(b) Time

Figure 37: Nemenyi test results for rule-based methods.

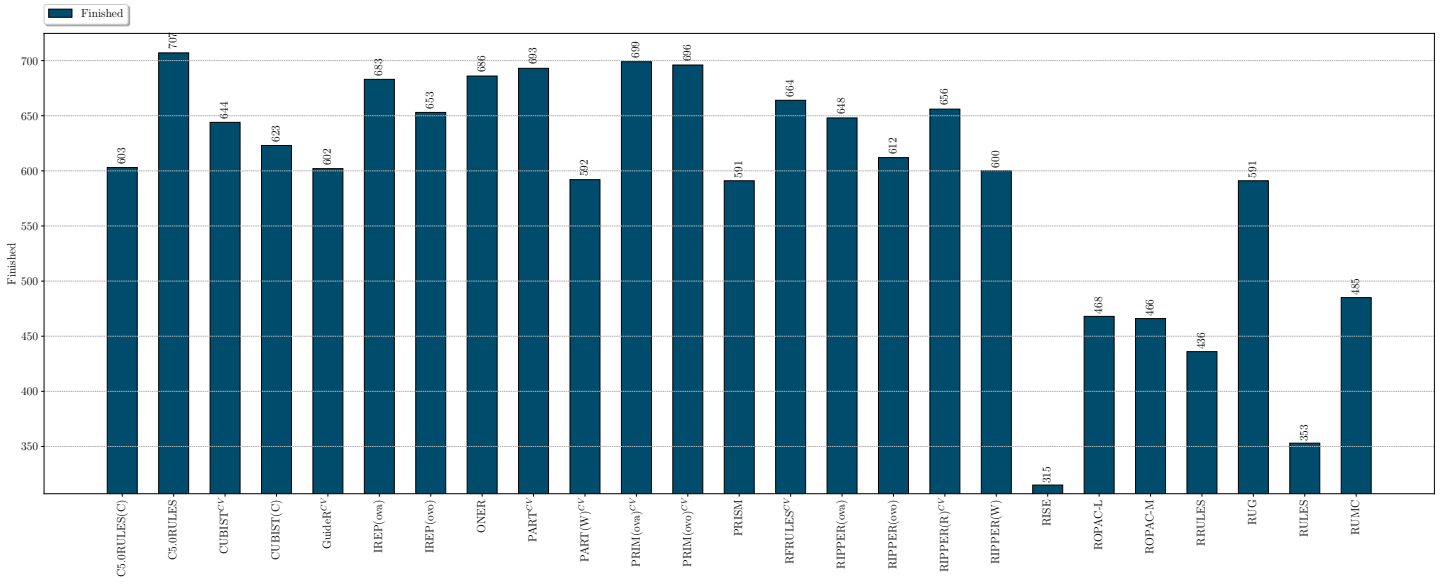
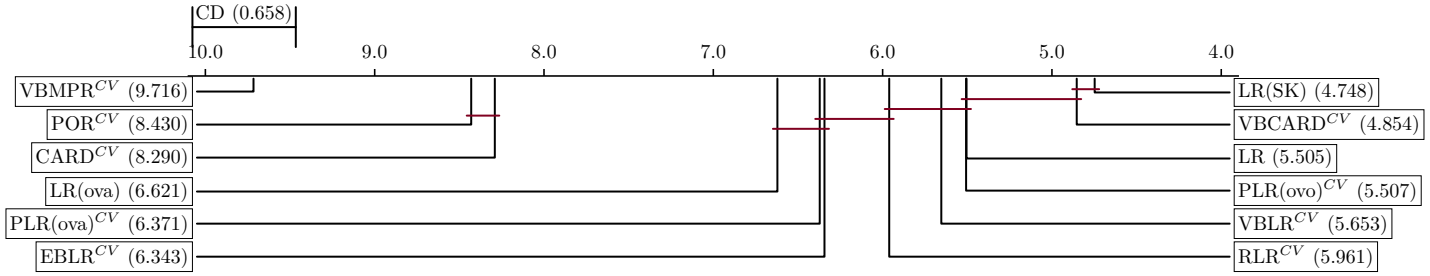
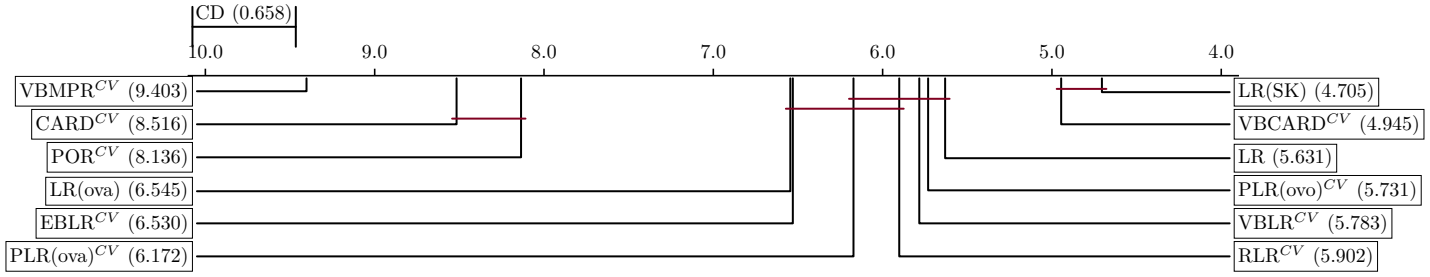


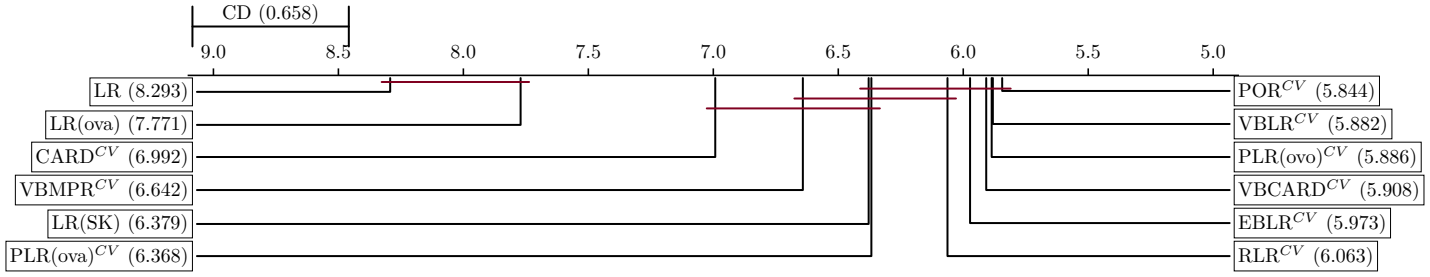
Figure 38: Finished datasets for each rule-based method.



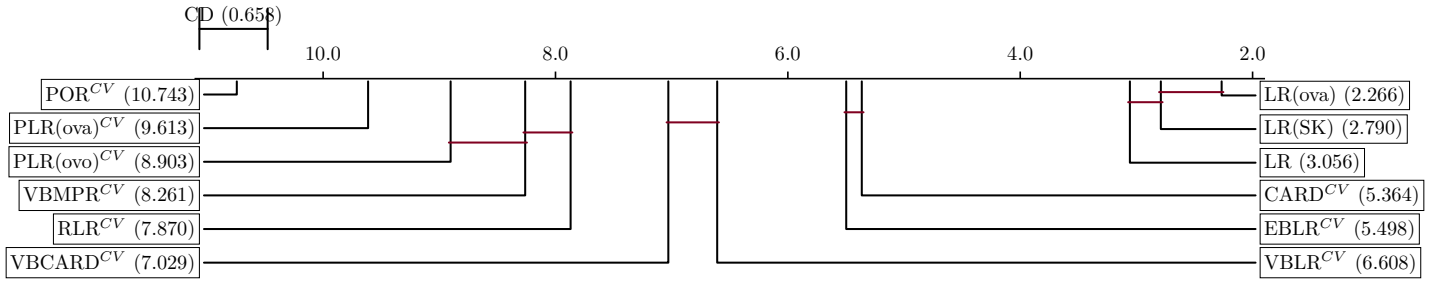
(a) F1-macro



(b) Kappa



(c) CEN



(d) Time

Figure 39: Nemenyi test results for logistic regression methods.

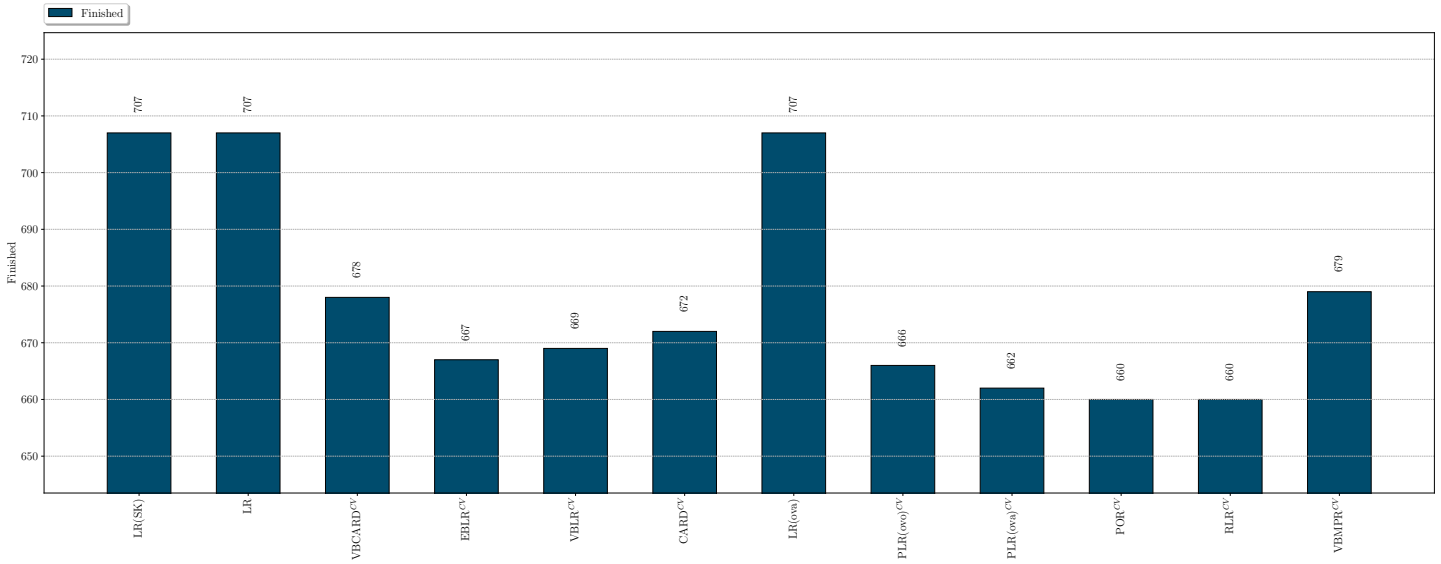
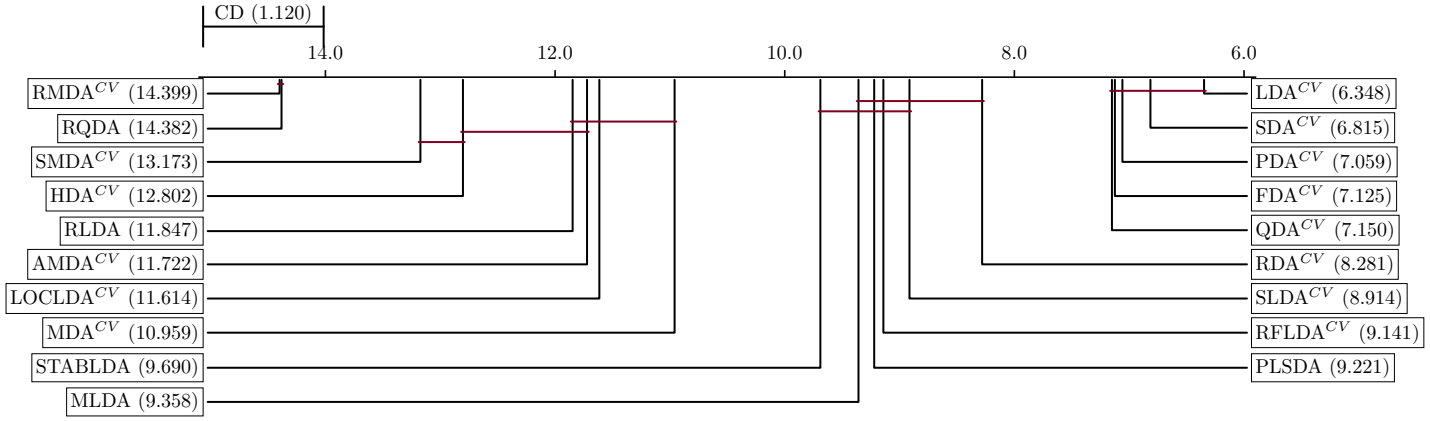
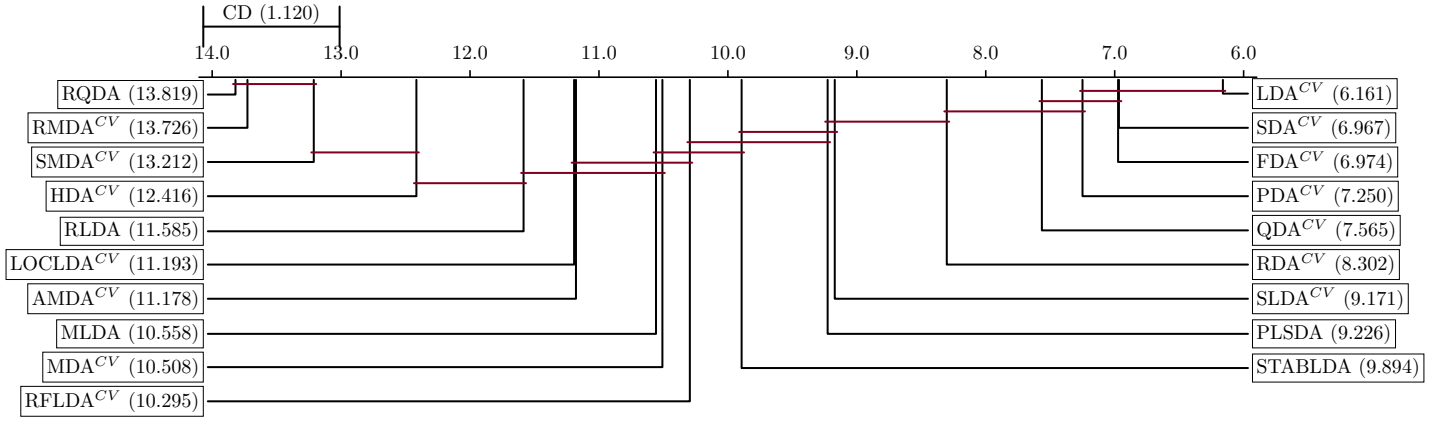


Figure 40: Finished datasets for each logistic regression method.

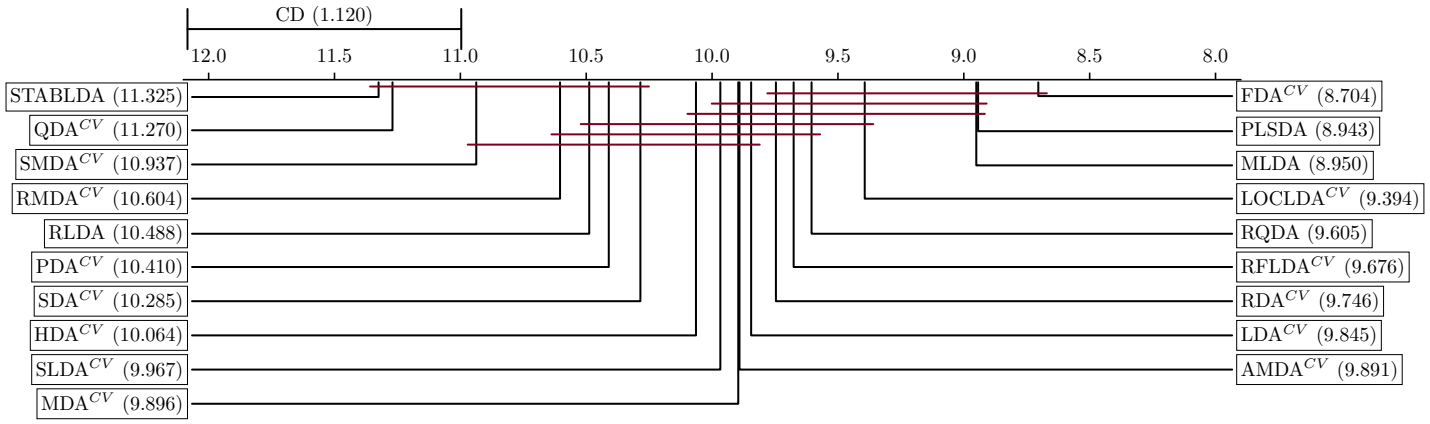


(a) F1-macro

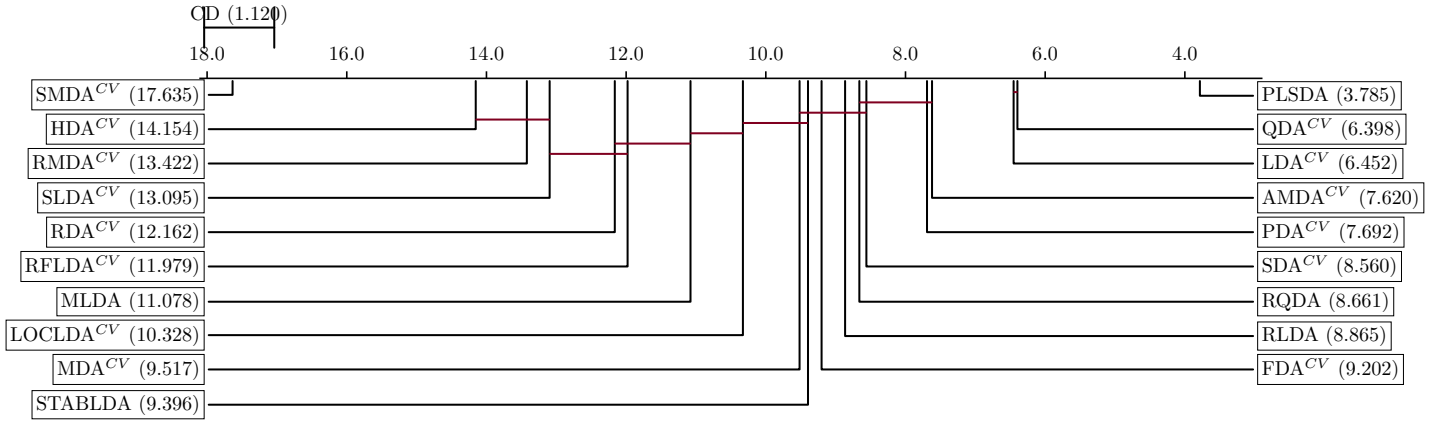


(b) Kappa

Figure 41: Nemenyi test results for discriminant analysis methods.



(a) CEN



(b) Time

Figure 42: Nemenyi test results for discriminant analysis methods.

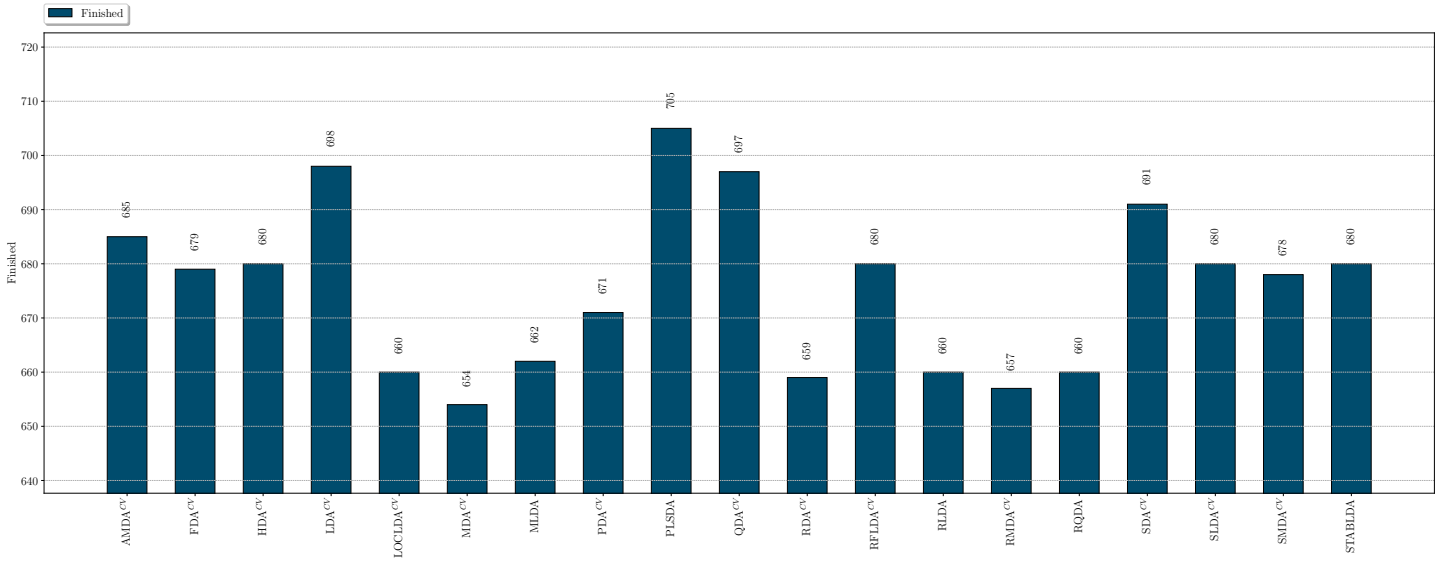
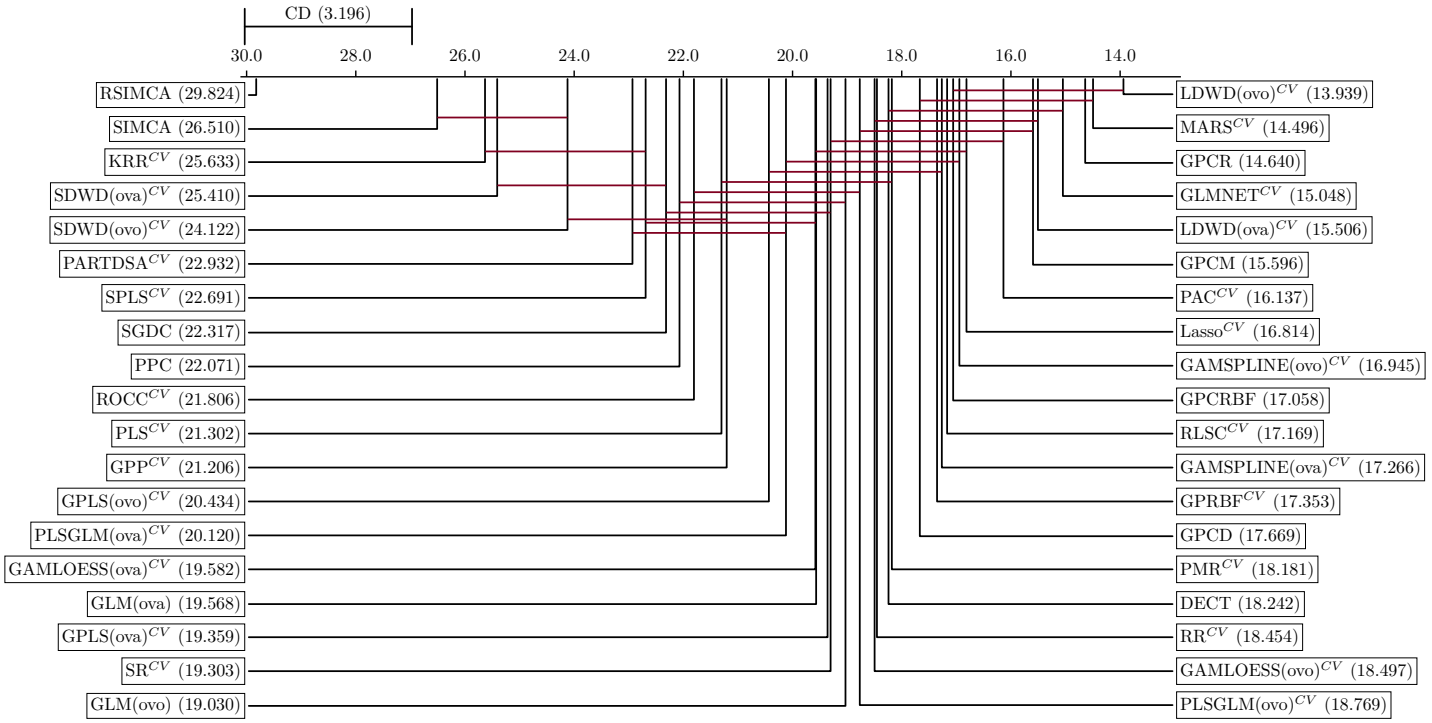
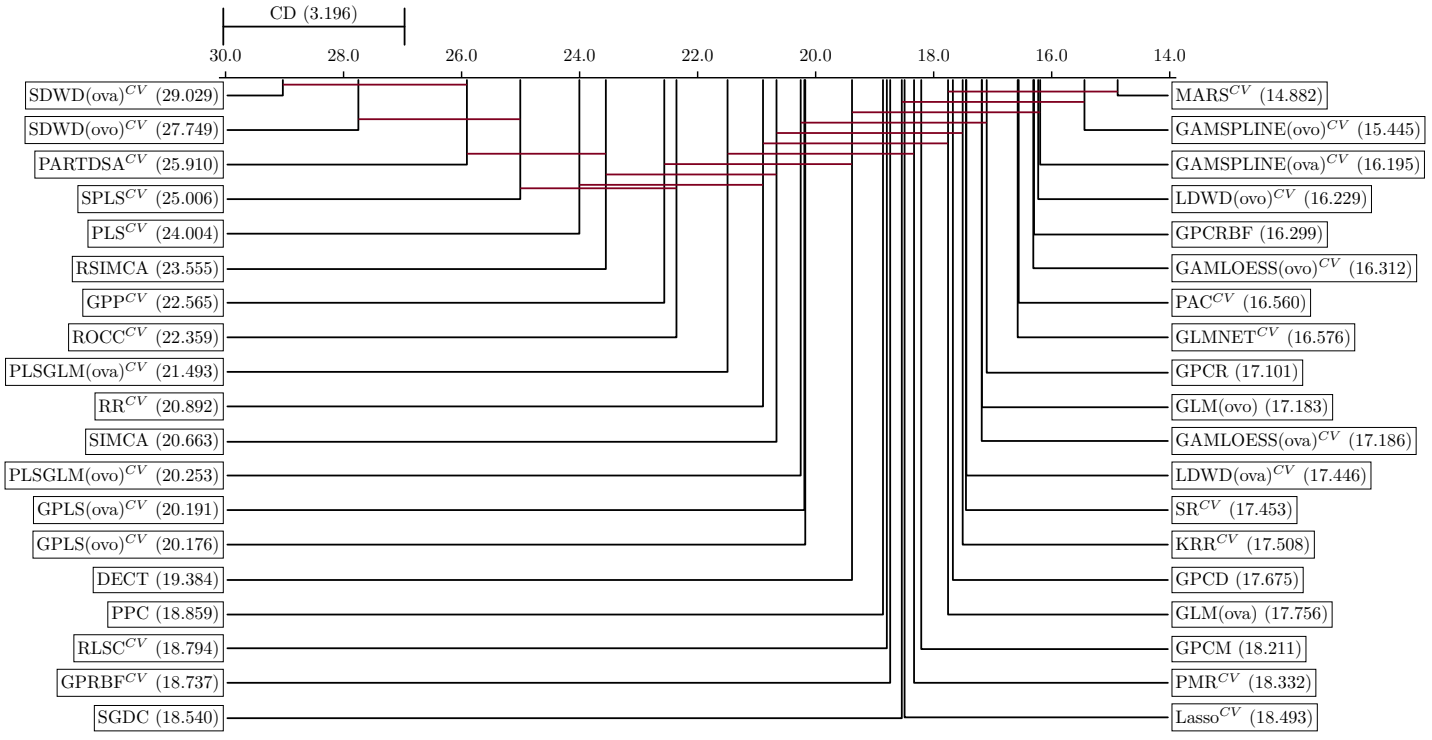


Figure 43: Finished datasets for each discriminant analysis method.

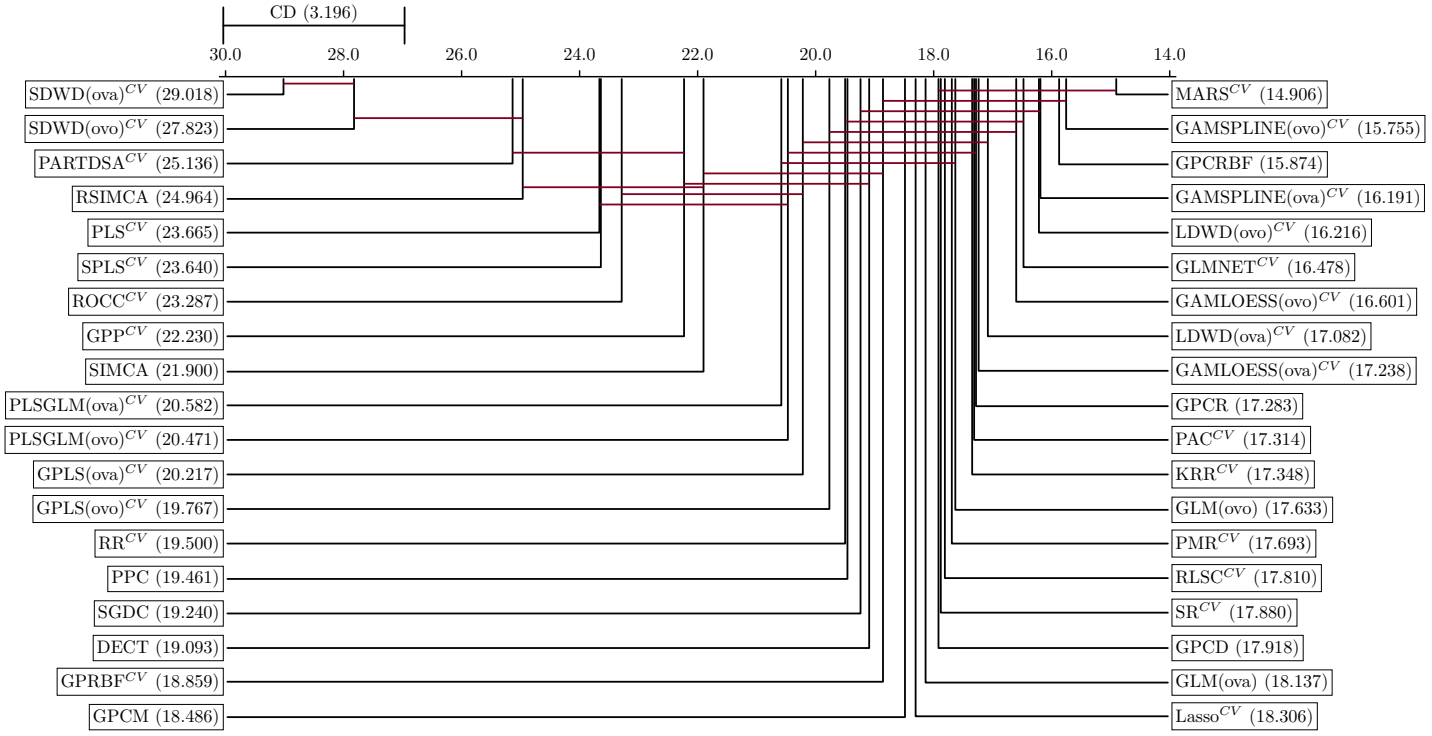


(a) Accuracy

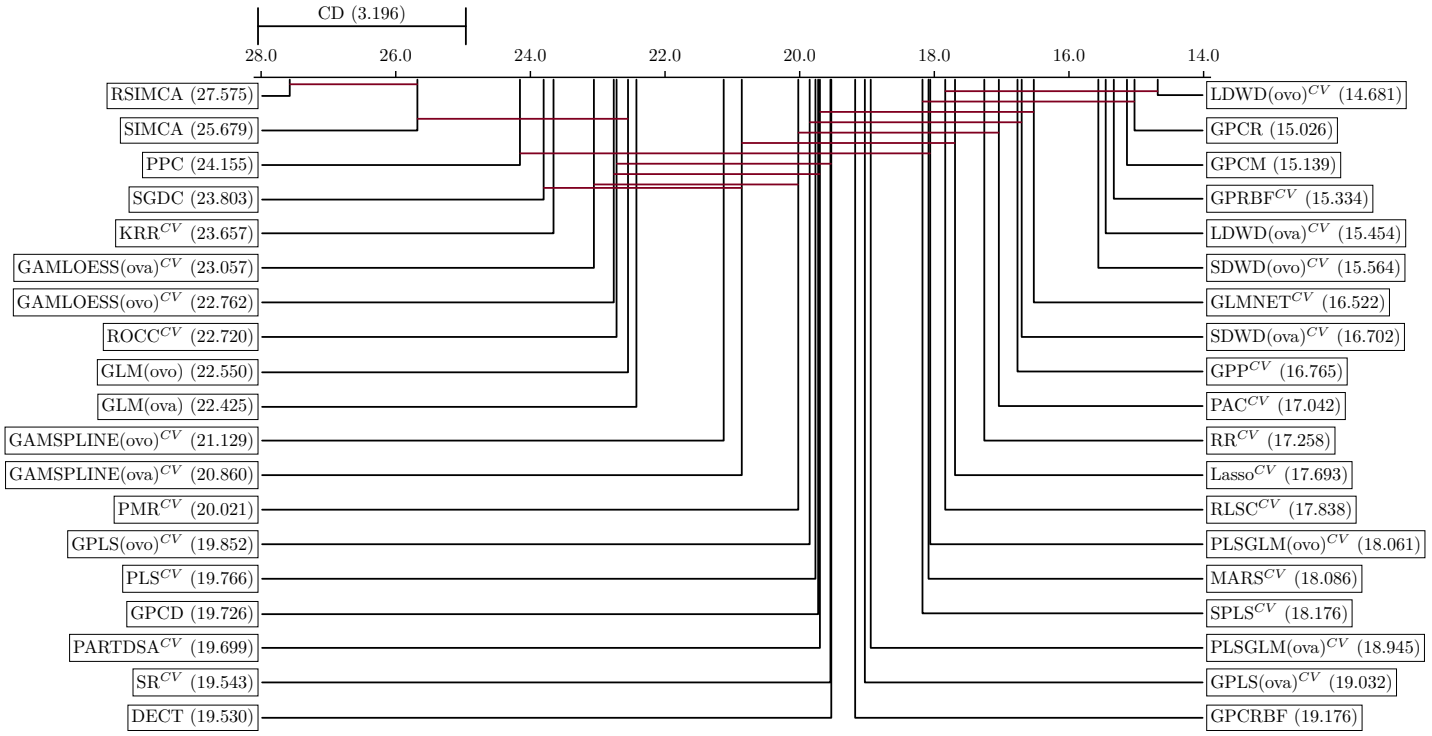


(b) F1-macro

Figure 44: Nemenyi test results for miscellaneous methods.

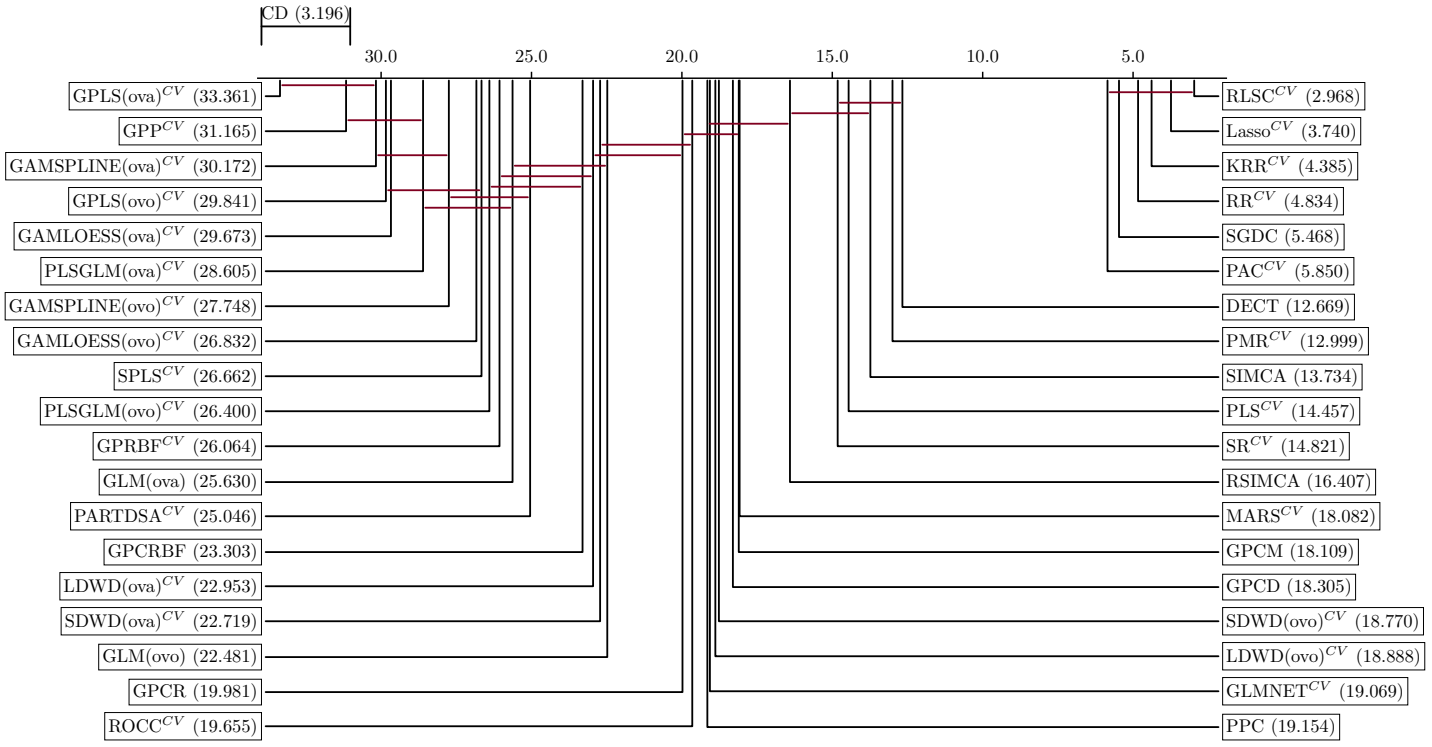


(a) Kappa



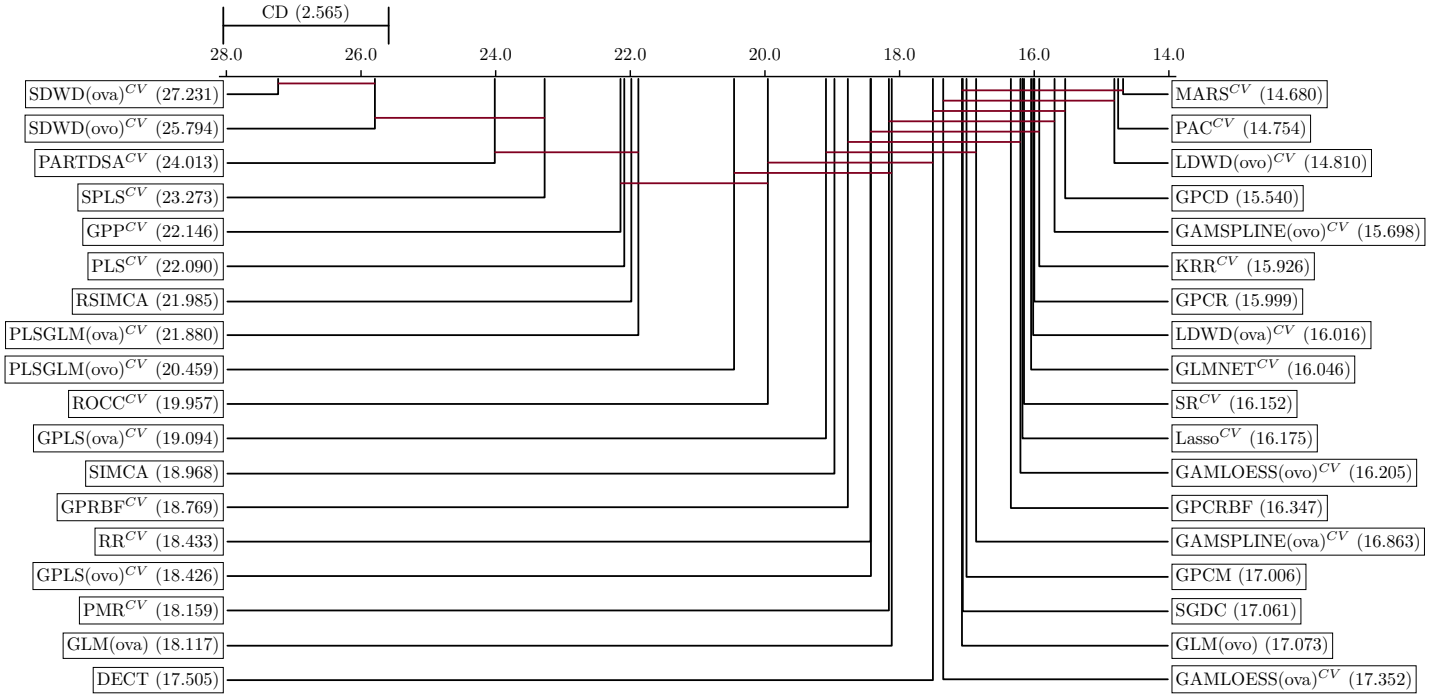
(b) CEN

Figure 45: Nemenyi test results for miscellaneous methods.

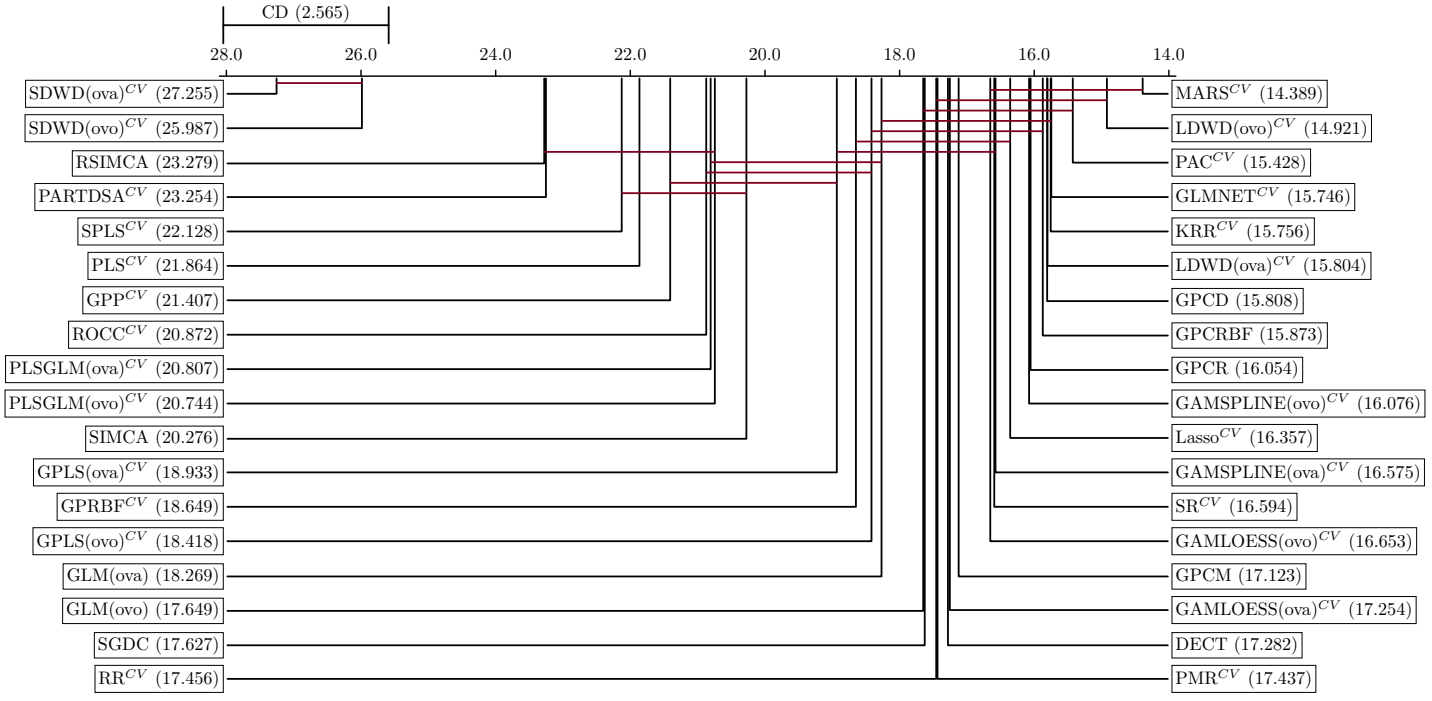


(a) Time

Figure 46: Nemenyi test results for miscellaneous methods.

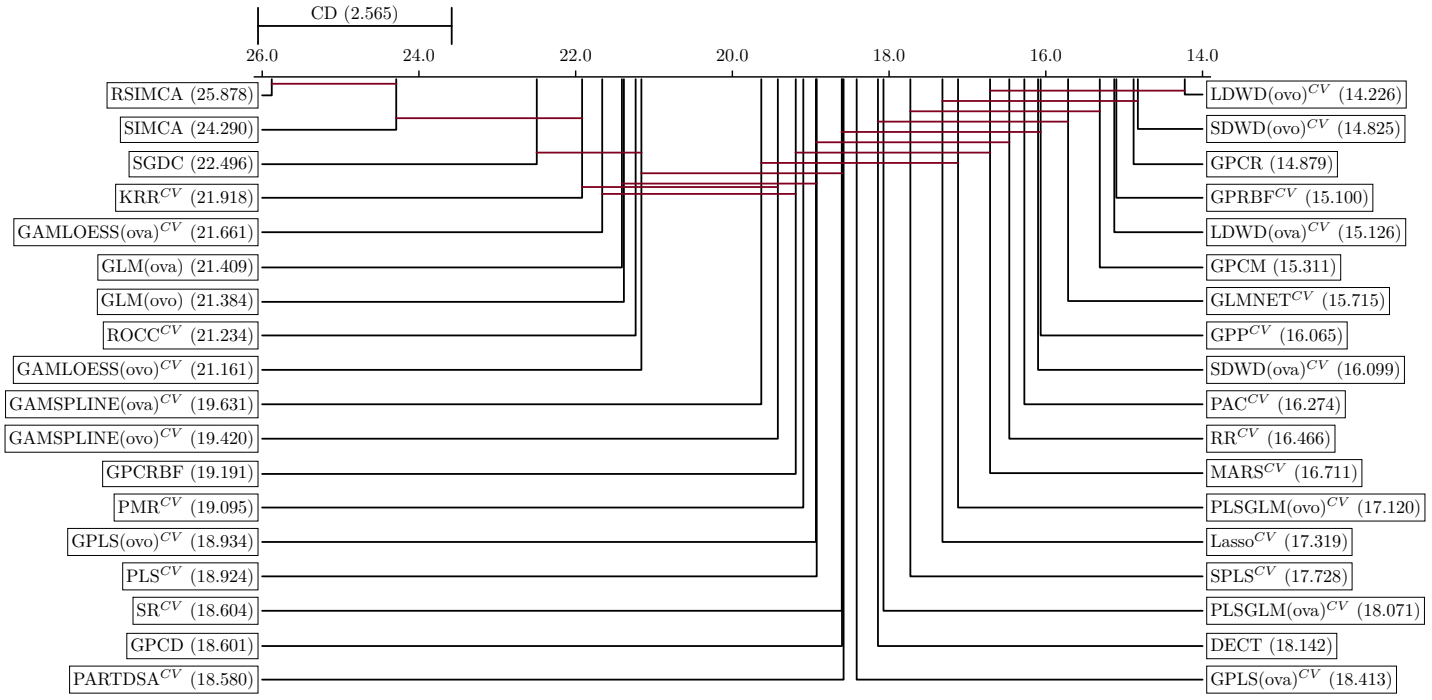


(a) F1-macro

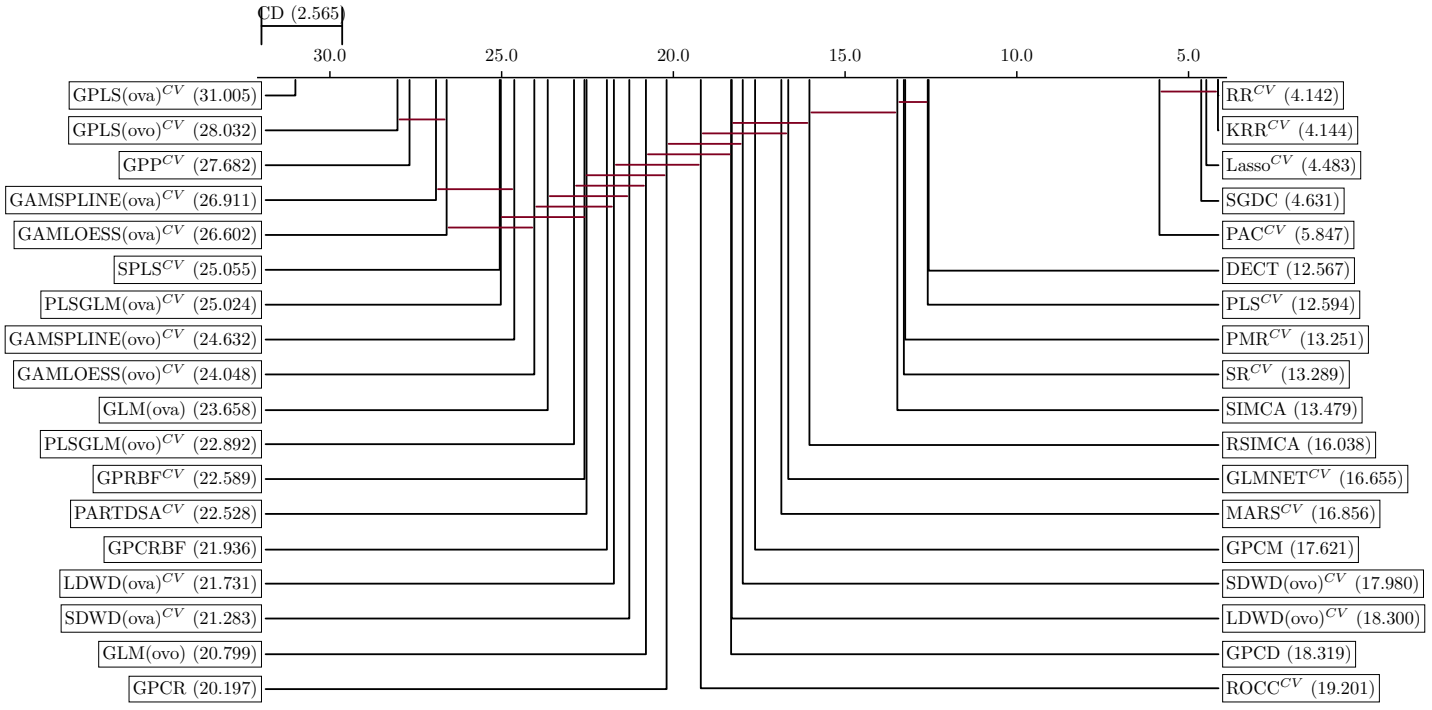


(b) Kappa

Figure 47: Nemenyi test results for the miscellaneous methods.



(a) CEN



(a) Time

Figure 48: Nemenyi test results for the miscellaneous methods.

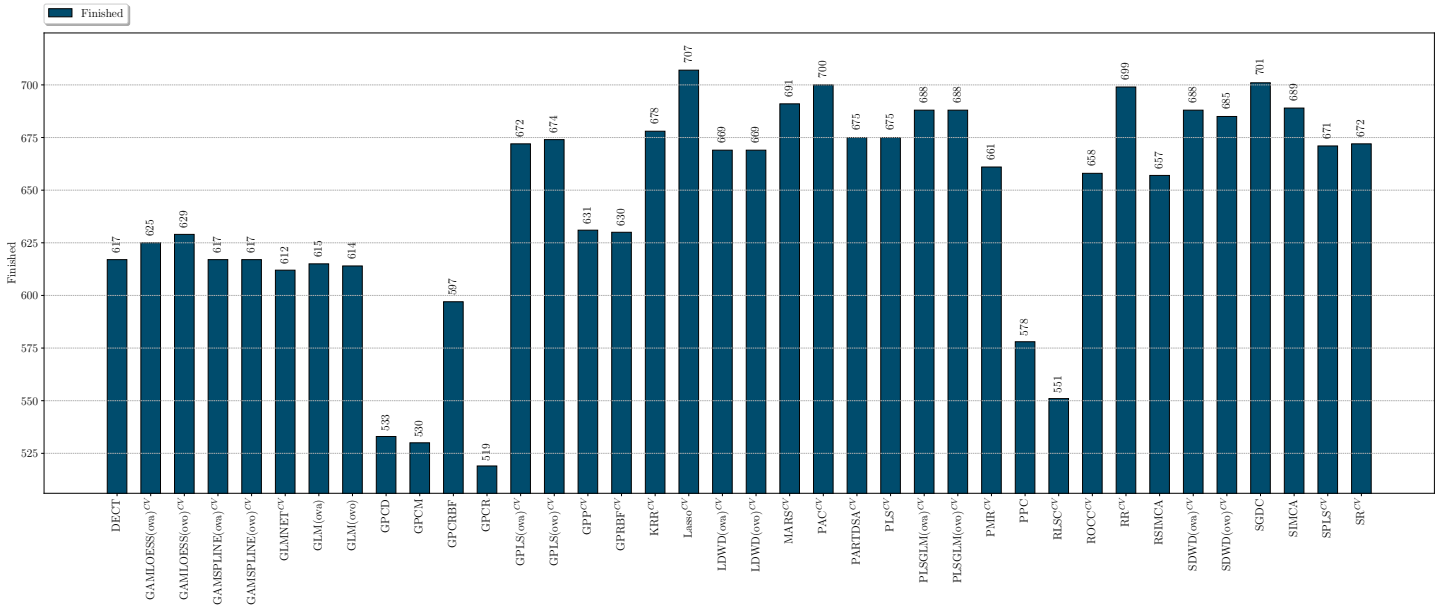
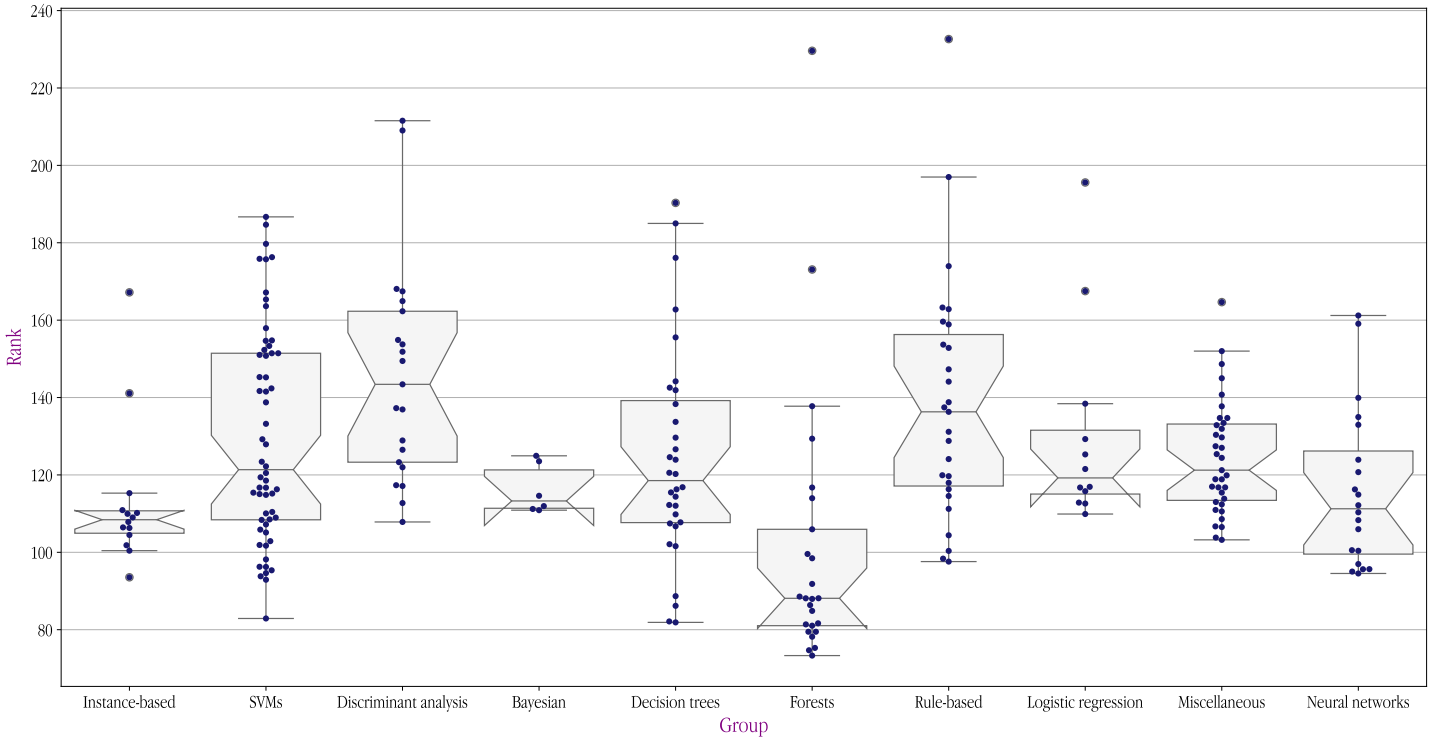
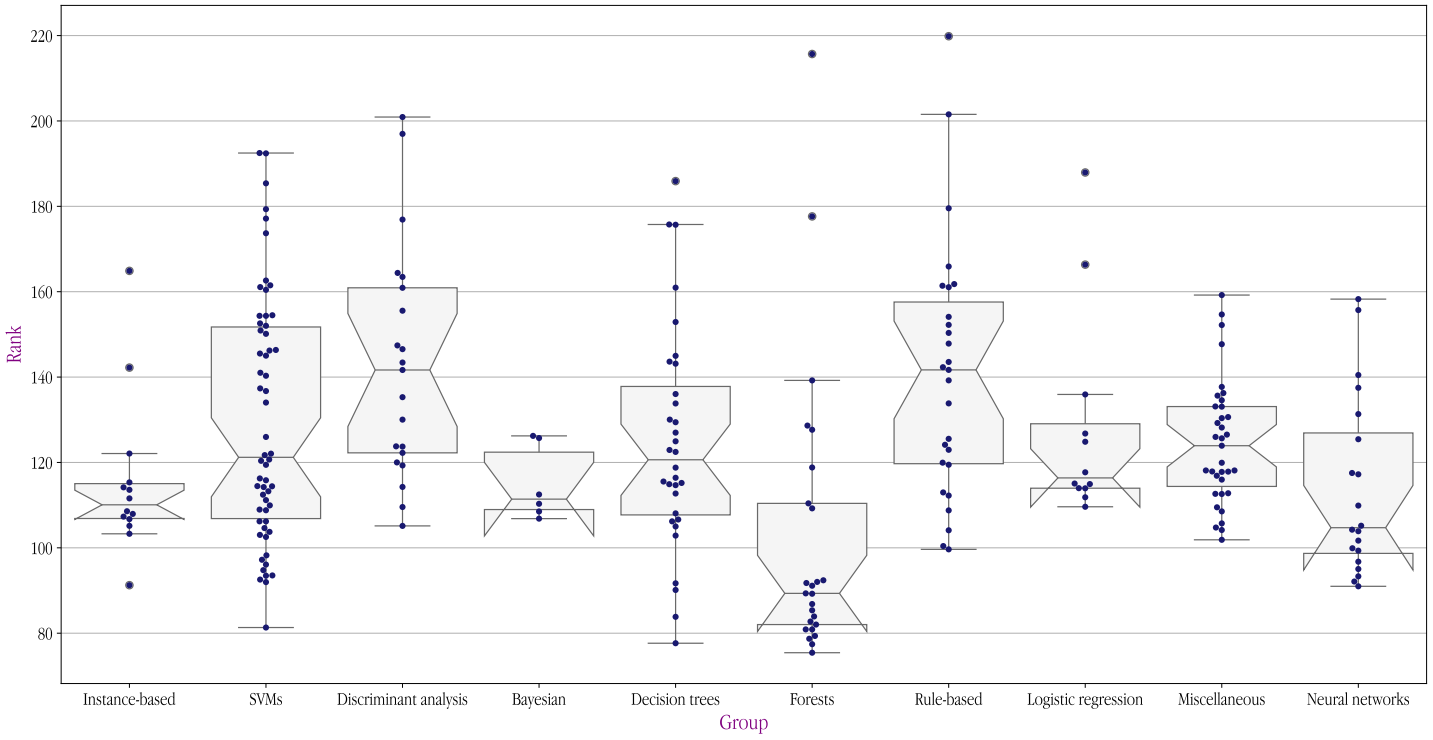


Figure 49: Finished datasets for each miscellaneous method.

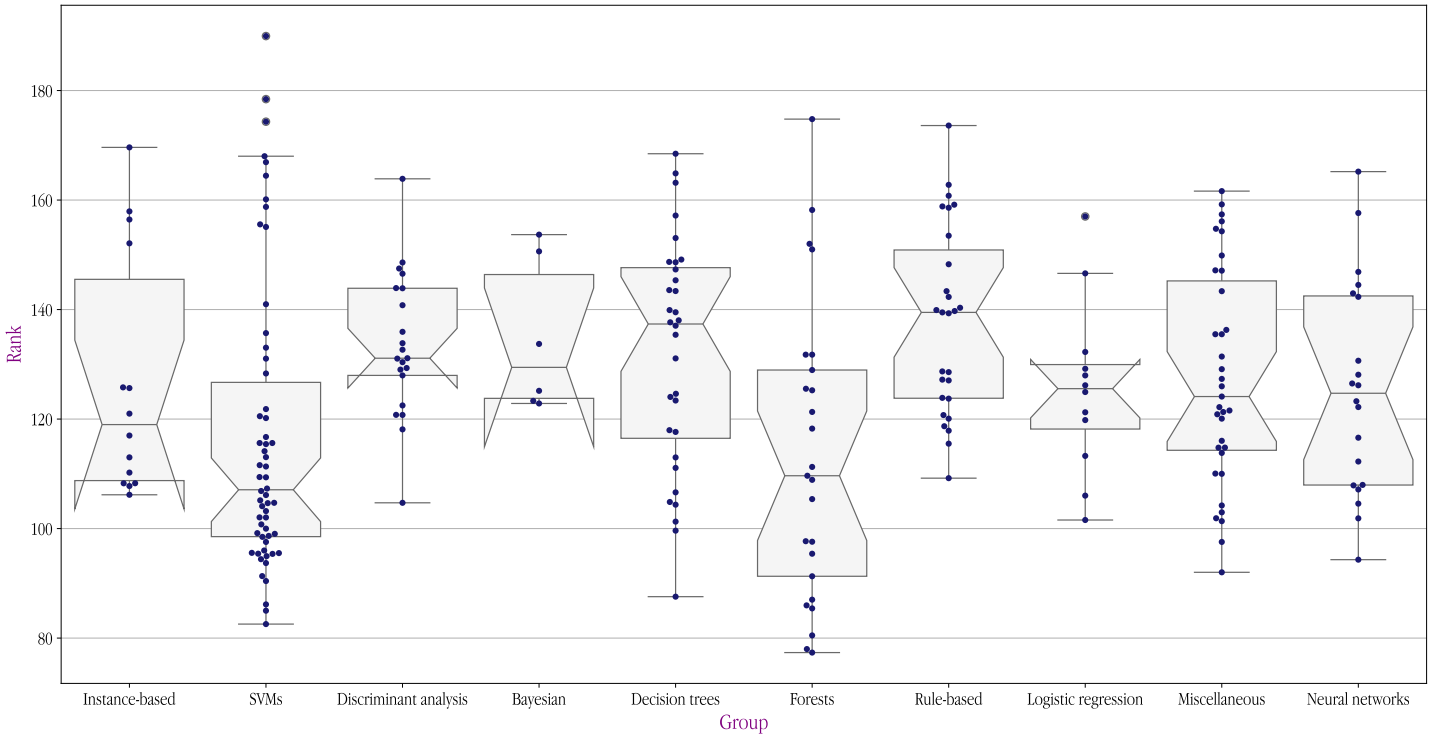


(a) F1-macro

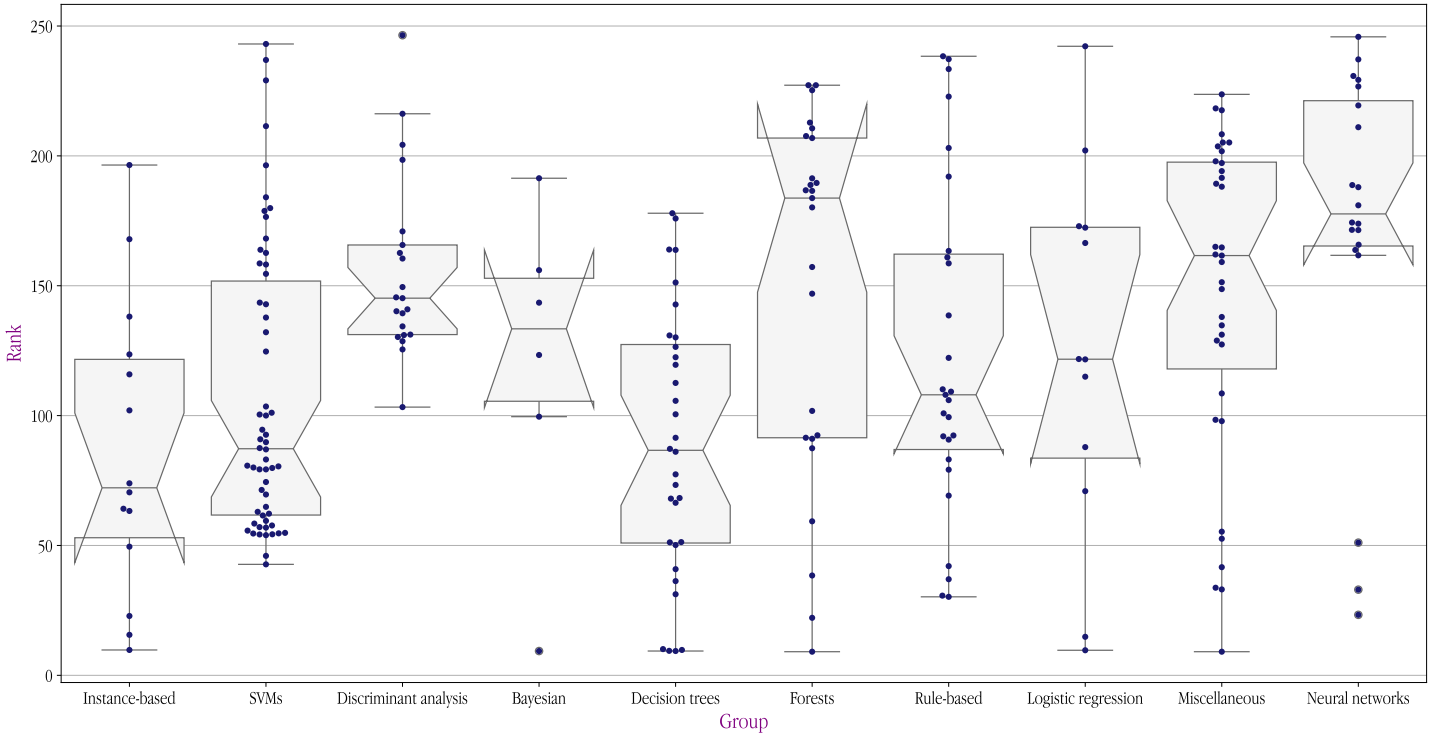


(b) Kappa

Figure 50: Box plot of the Friedman's ranks of all groups of methods for the F1-macro and Kappa metrics.

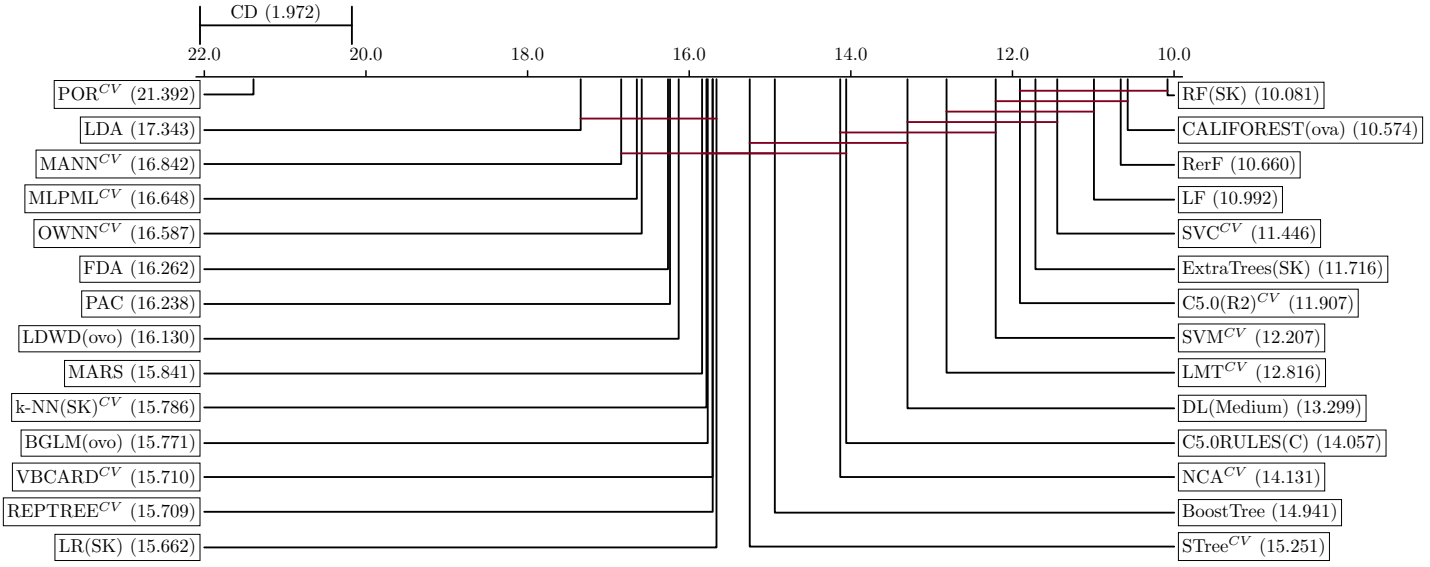


(a) CEN

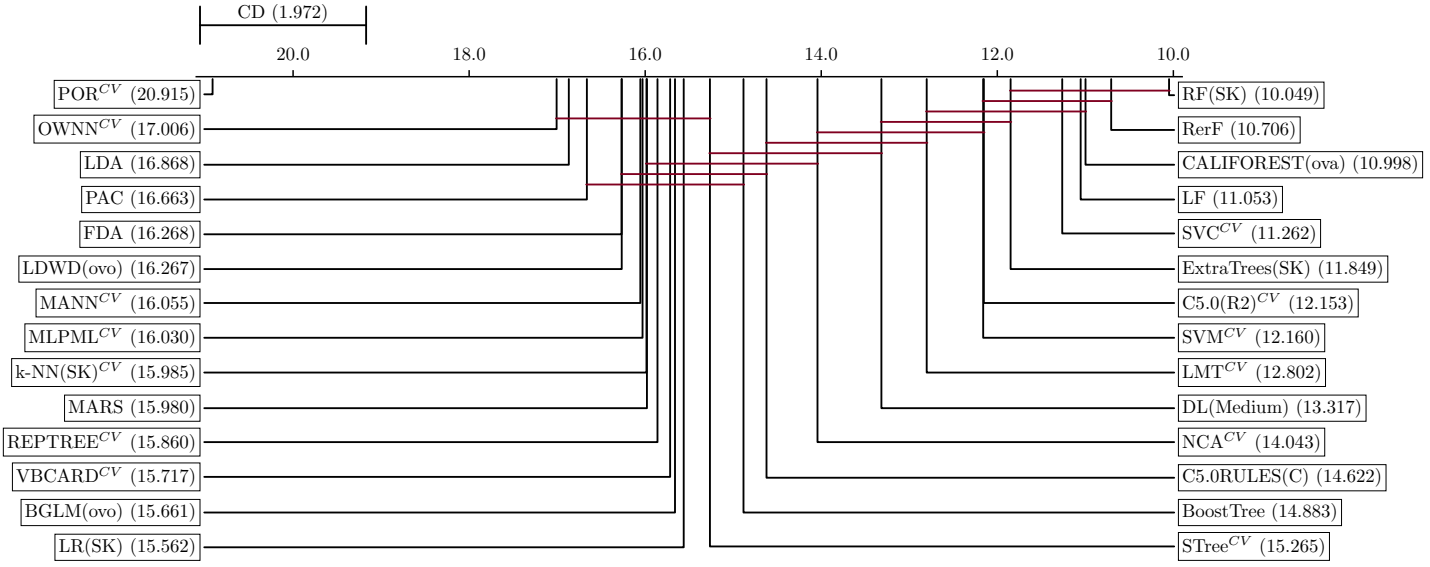


(b) Time

Figure 51: Box plot of the Friedman's ranks of all groups of methods for the Kappa metric and runtime.

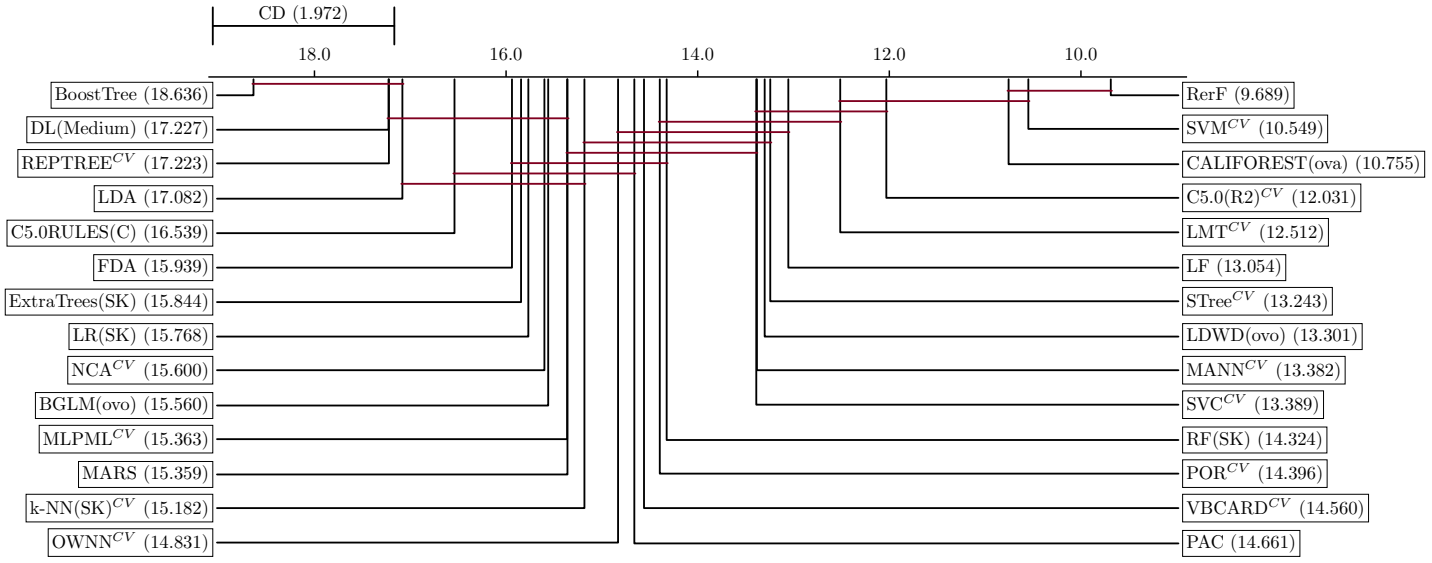


(a) F1-macro

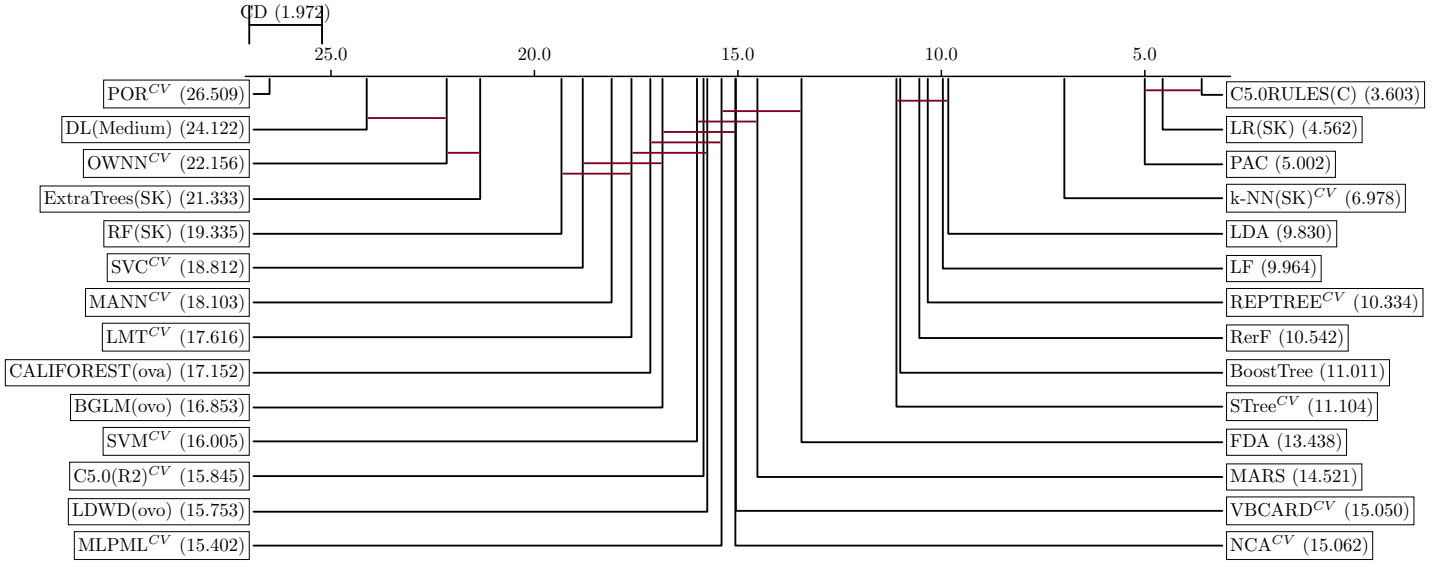


(b) Kappa

Figure 52: Nemenyi test results for the best methods.



(a) CEN



(b) Time

Figure 53: Nemenyi test results for the best methods.

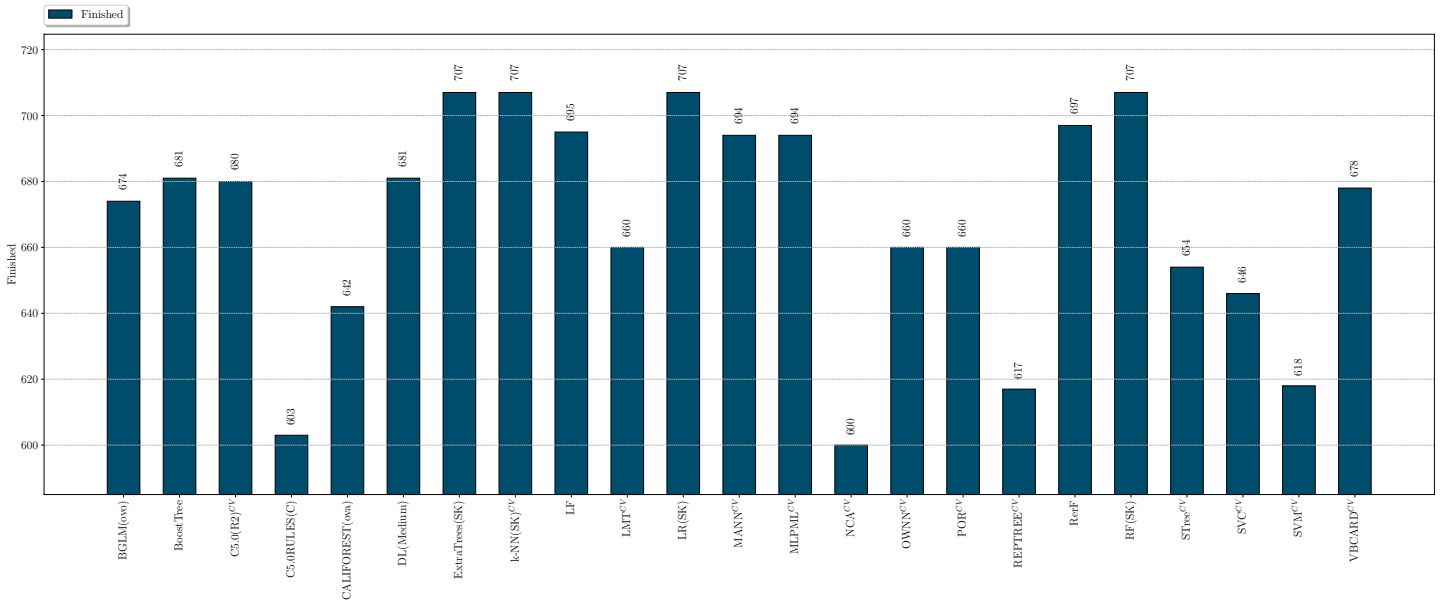
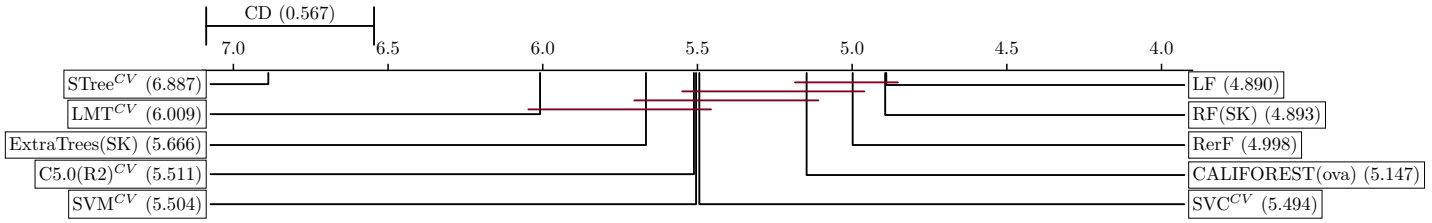
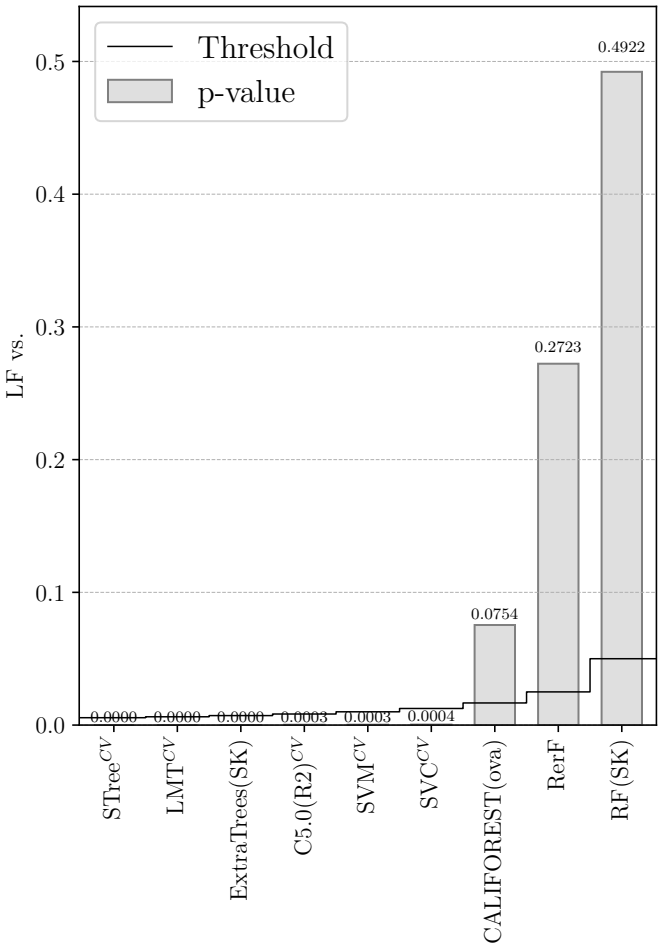


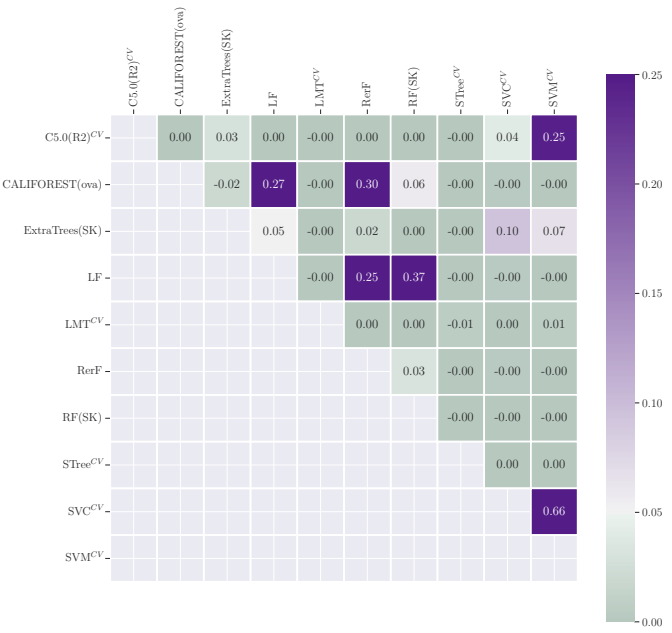
Figure 54: Finished datasets for the best methods.



(a) Nemenyi

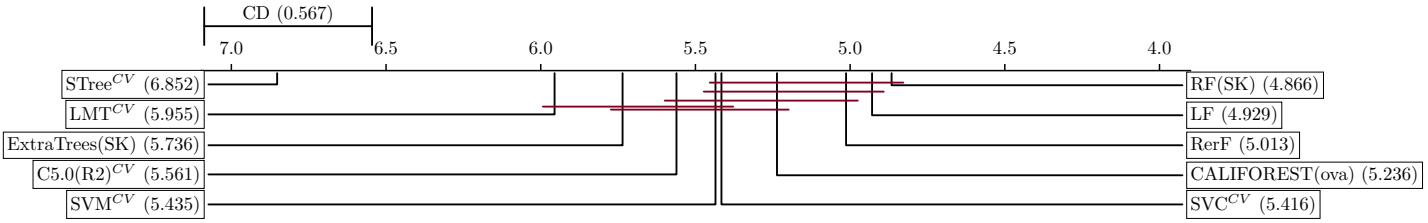


(b) Holm

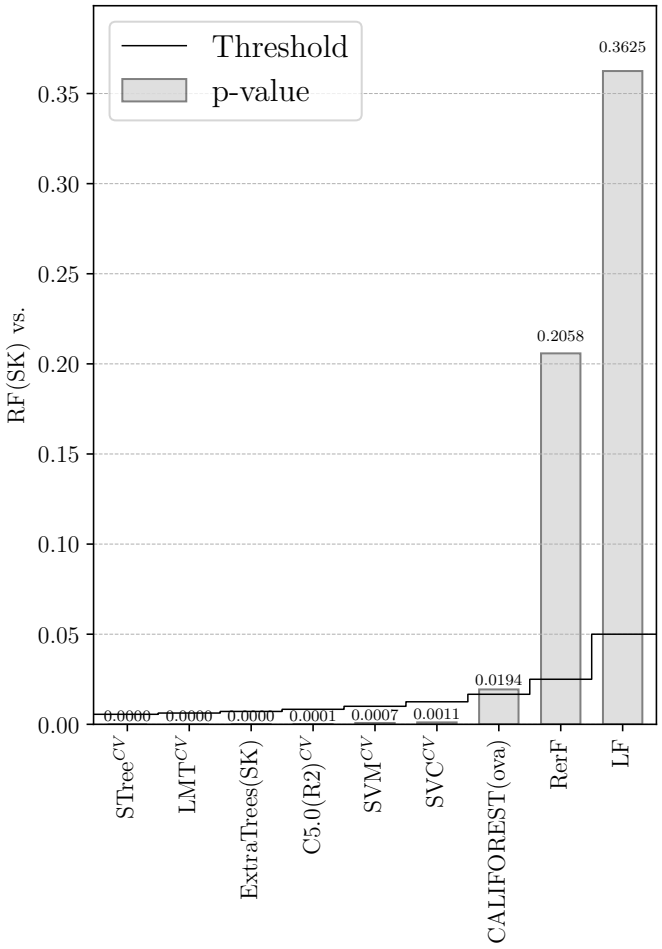


(c) Wilcoxon

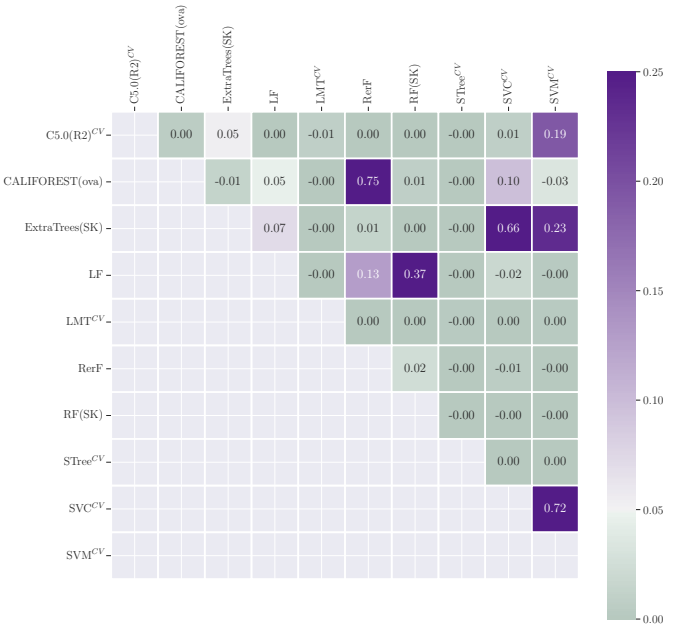
Figure 55: Nemenyi, Holm, and Wilcoxon tests for the subset of 10 best methods for the F1-score macro-averaged metric.



(a) Nemenyi

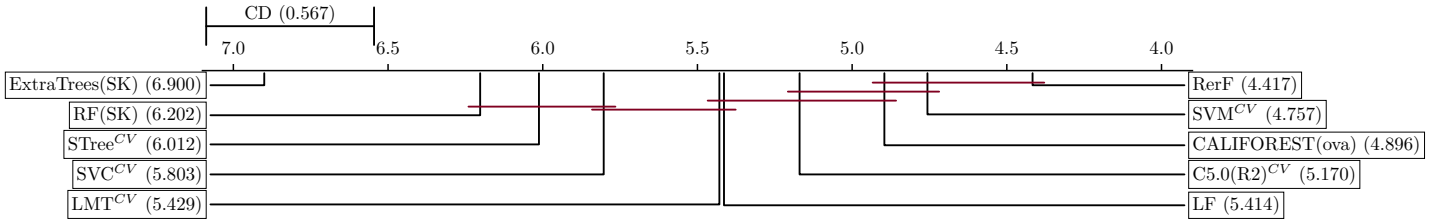


(b) Holm

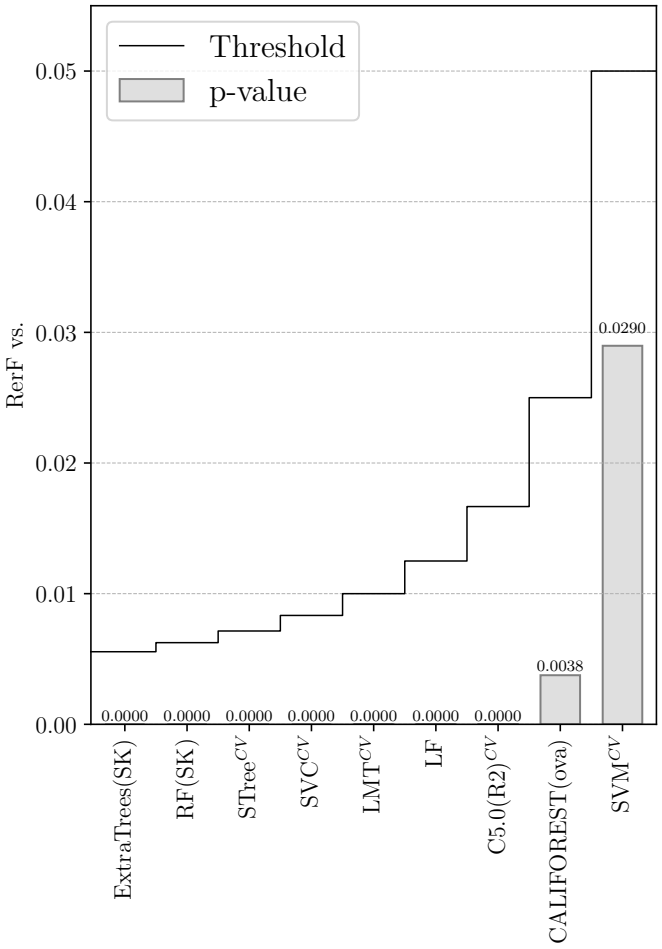


(c) Wilcoxon

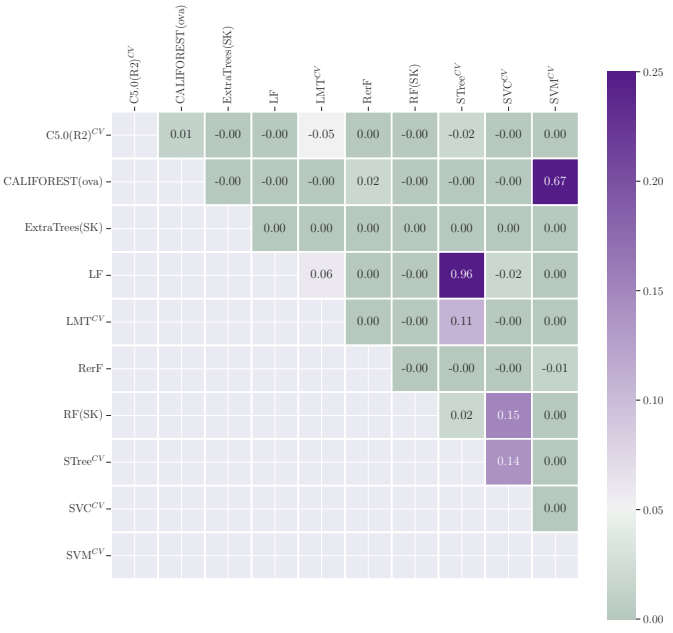
Figure 56: Nemenyi, Holm, and Wilcoxon tests for the subset of 10 best methods for the Kappa metric.



(a) Nemenyi

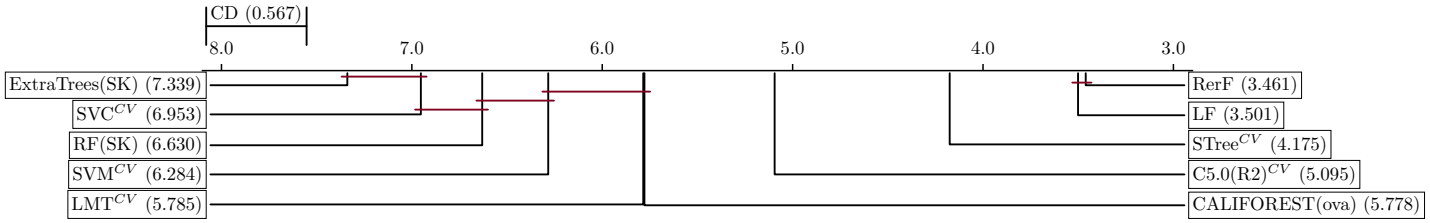


(b) Holm

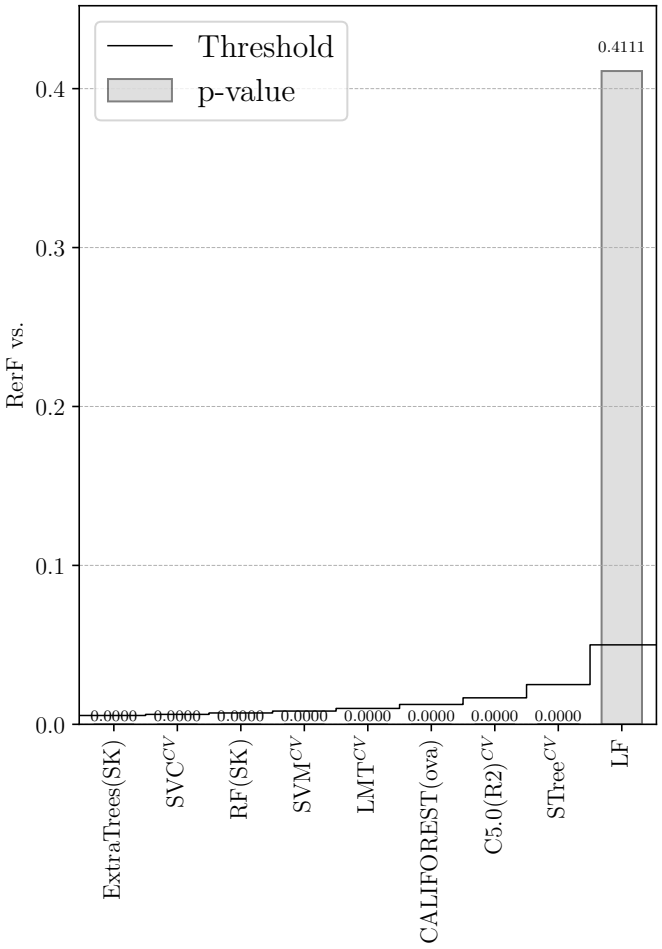


(c) Wilcoxon

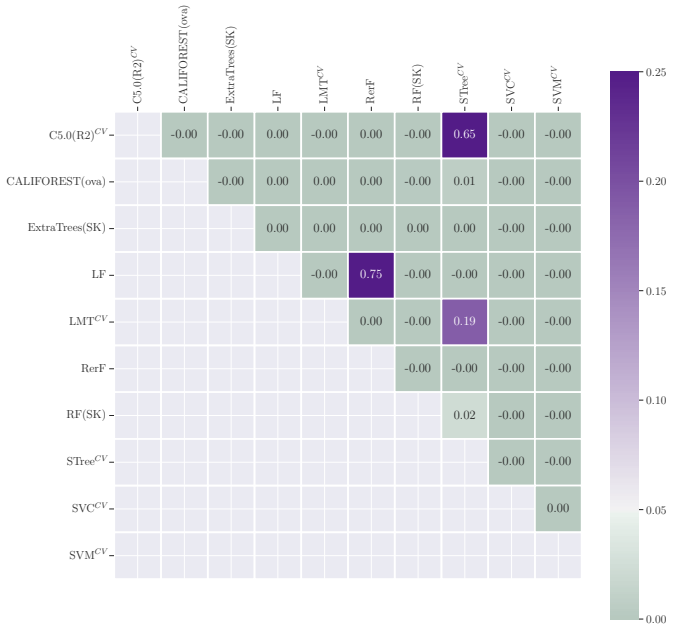
Figure 57: Nemenyi, Holm, and Wilcoxon tests for the subset of 10 best methods for the CEN metric.



(a) Nemenyi

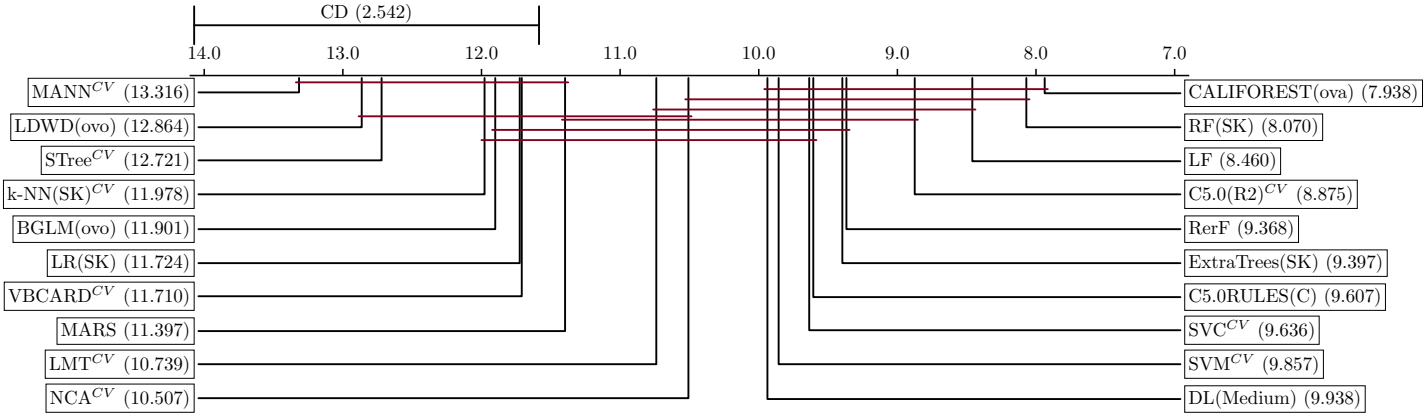


(b) Holm

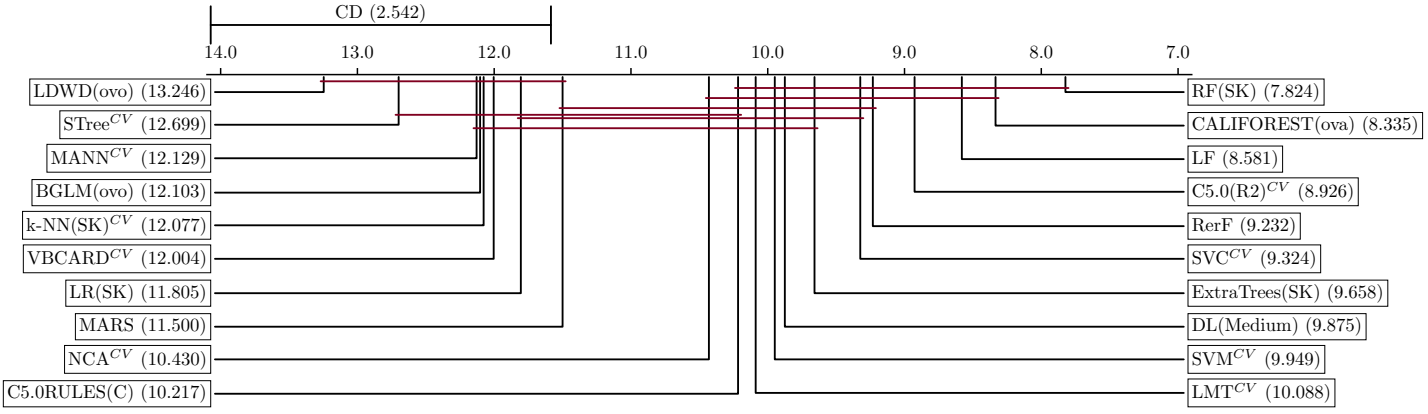


(c) Wilcoxon

Figure 58: Nemenyi, Holm, and Wilcoxon tests for the subset of 10 best methods for runtime.

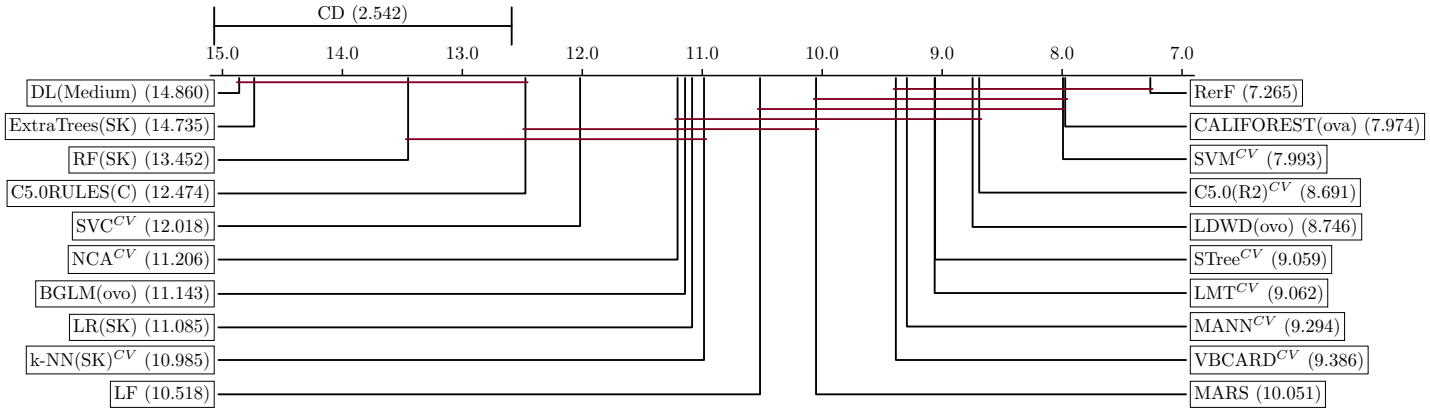


(a) F1-macro

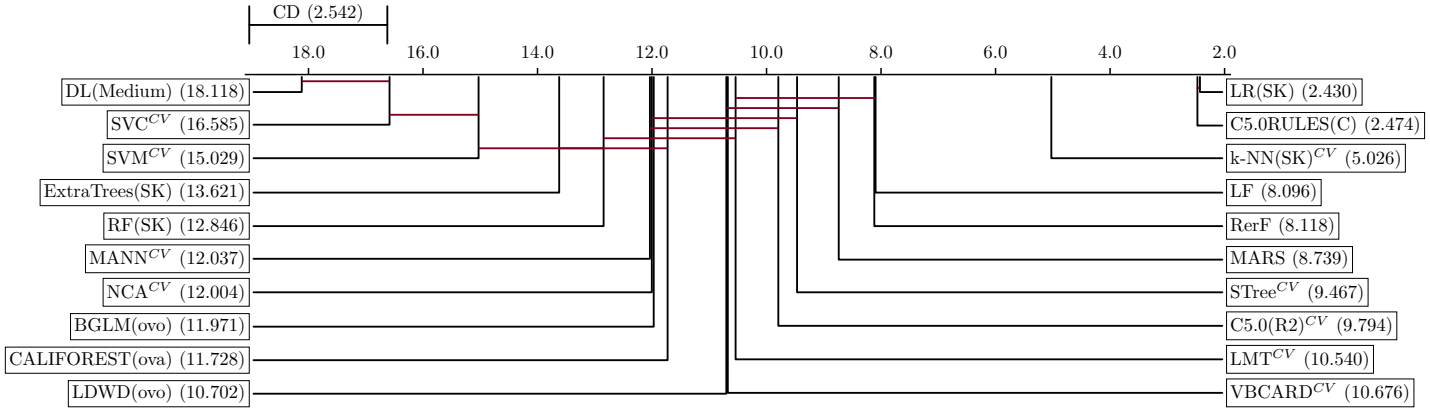


(b) Kappa

Figure 59: Nemenyi test results for the best methods for datasets with an imbalance ratio of at least 10.



(a) CEN



(b) Time

Figure 60: Nemenyi test results for the best methods for datasets with an imbalance ratio of at least 10.

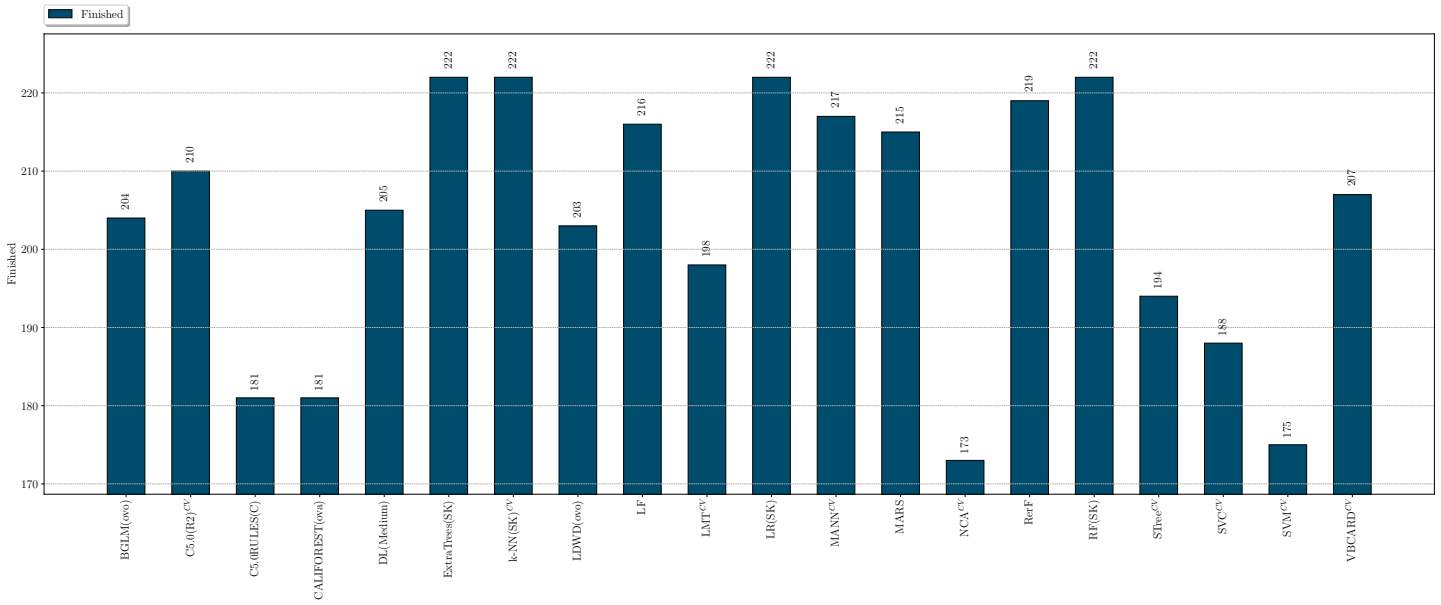
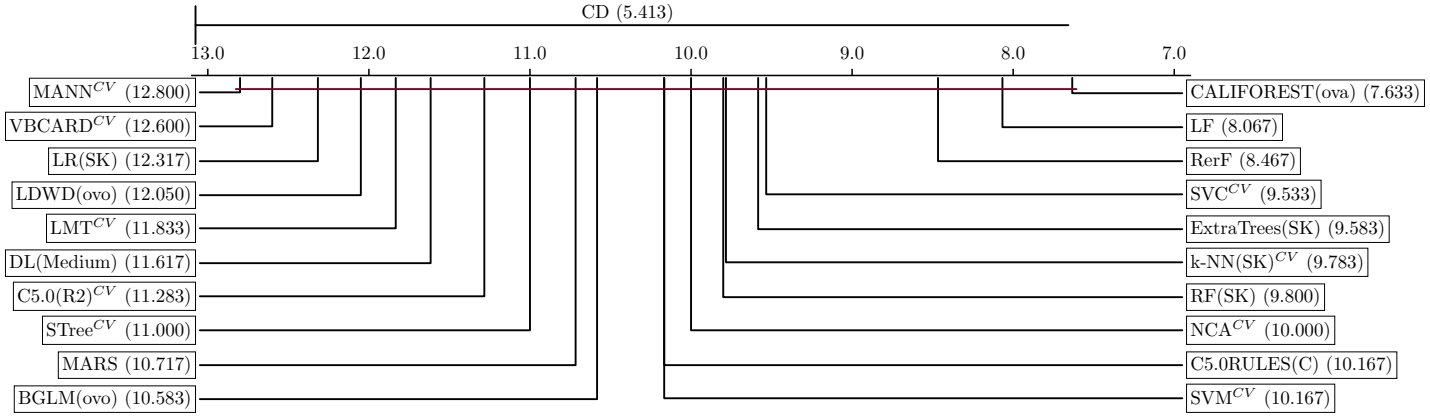
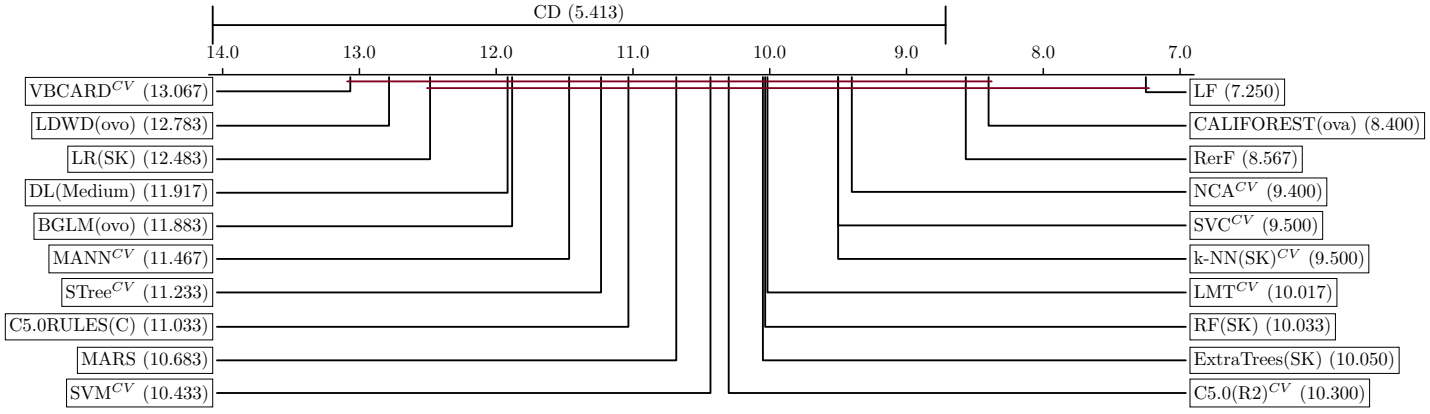


Figure 61: Finished datasets for the best methods for class-imbalance datasets with an imbalance ratio of at least 10.

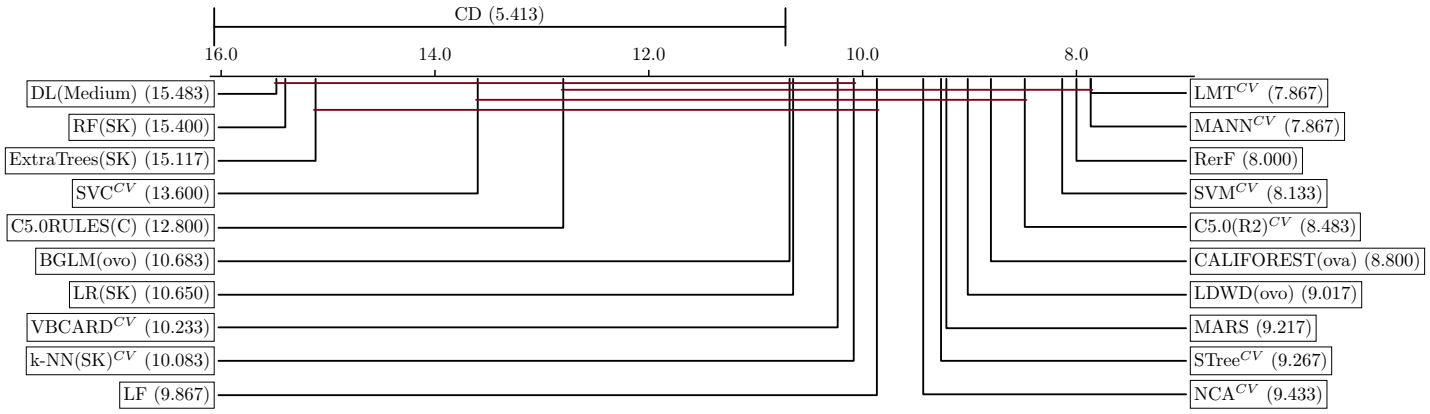


(a) F1-macro

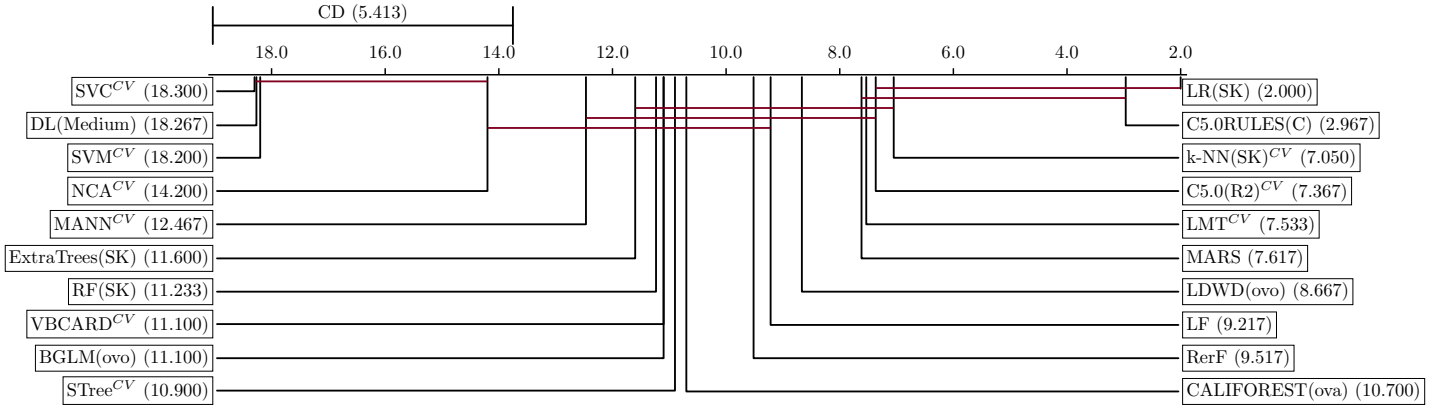


(b) Kappa

Figure 62: Nemenyi test results for the best methods for datasets of an imbalance ratio of at least 100.



(a) CEN



(b) Time

Figure 63: Nemenyi test results for the best methods for datasets of an imbalance ratio of at least 100.

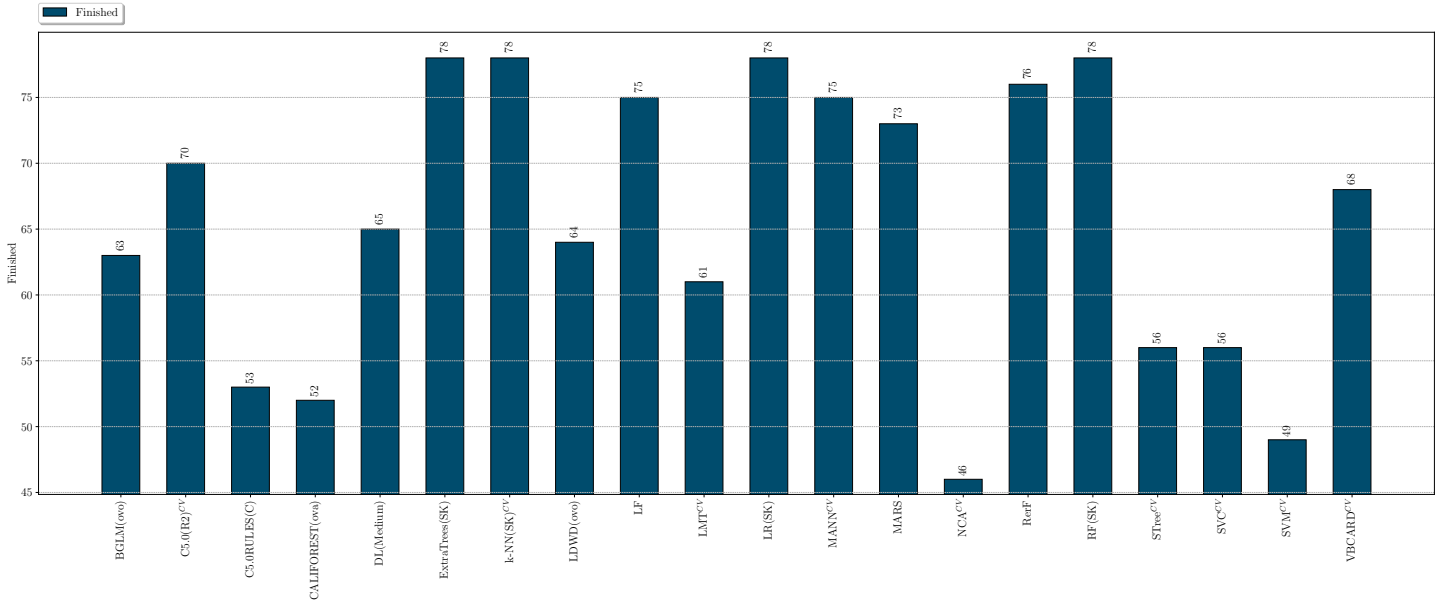
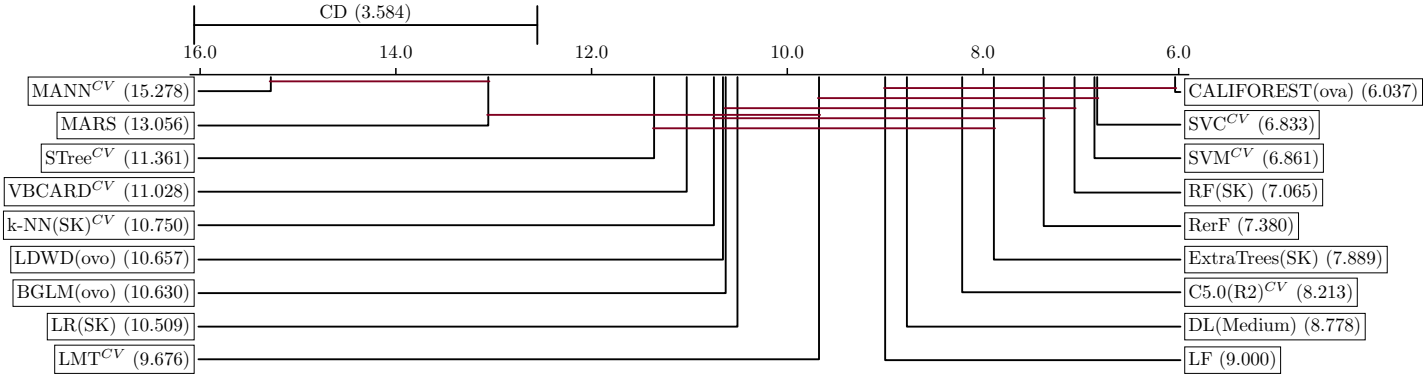
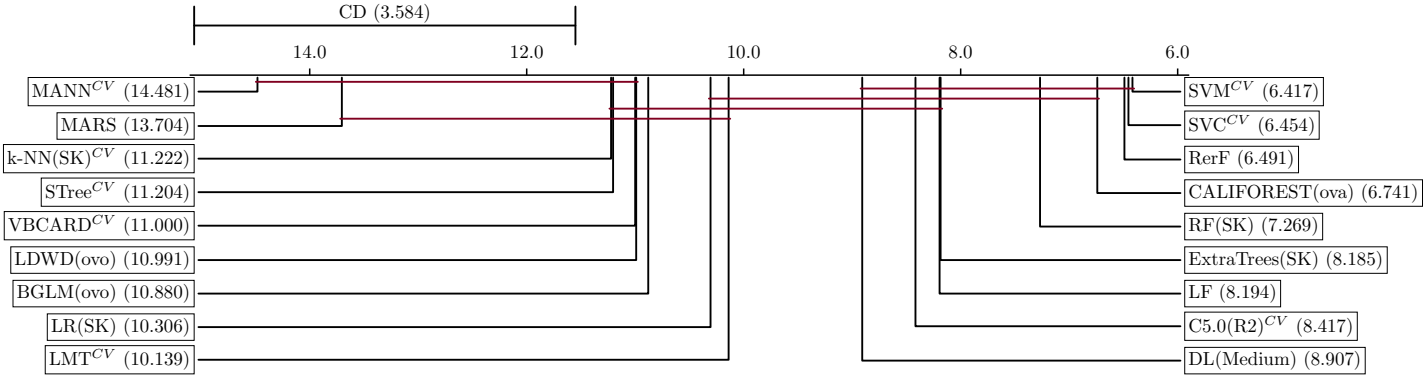


Figure 64: Finished datasets for the best methods for class-imbalance datasets with at least an IR of 100.

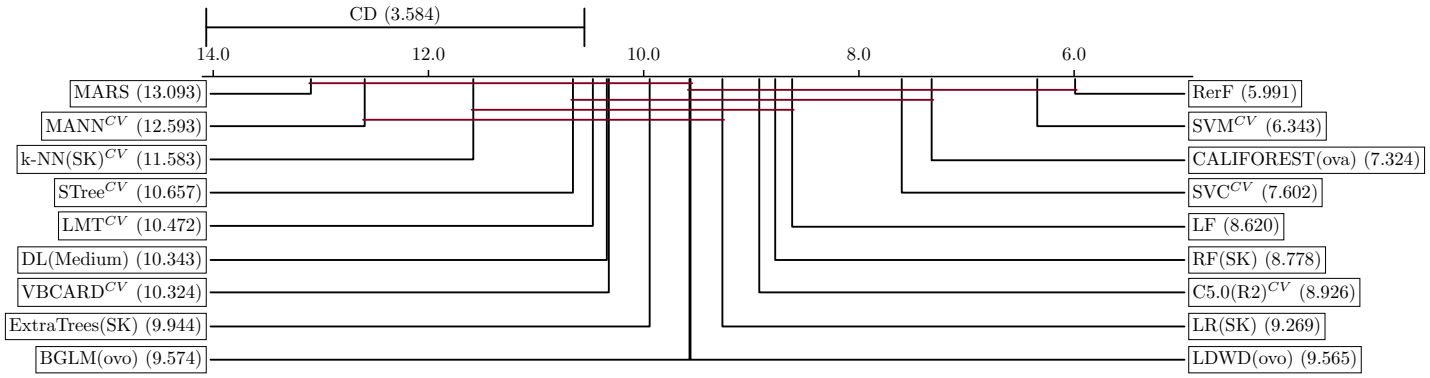


(a) F1-macro

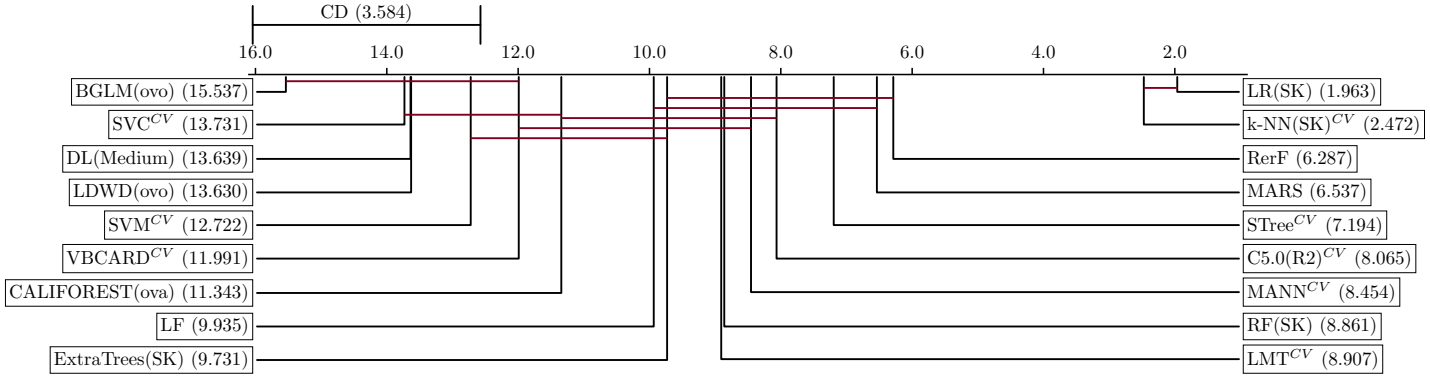


(b) Kappa

Figure 65: Nemenyi test results for the best methods for datasets of at least 10 classes.



(a) CEN



(b) Time

Figure 66: Nemenyi test results for the best methods for datasets of at least 10 classes.

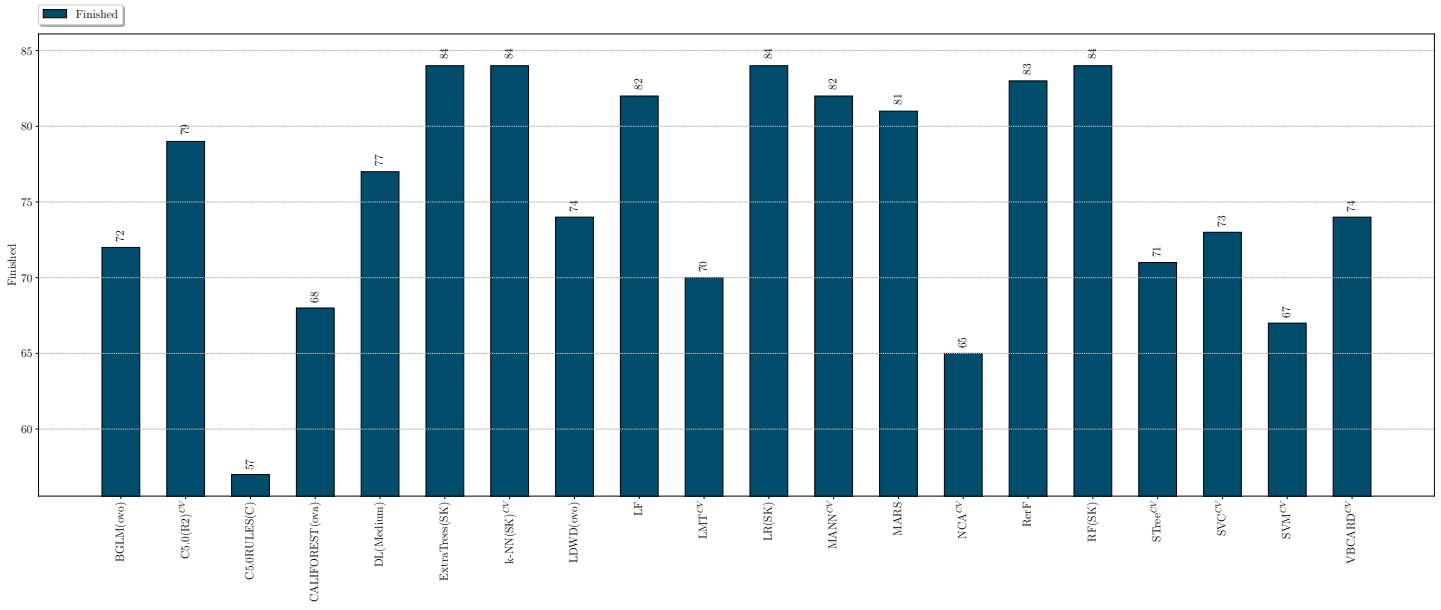
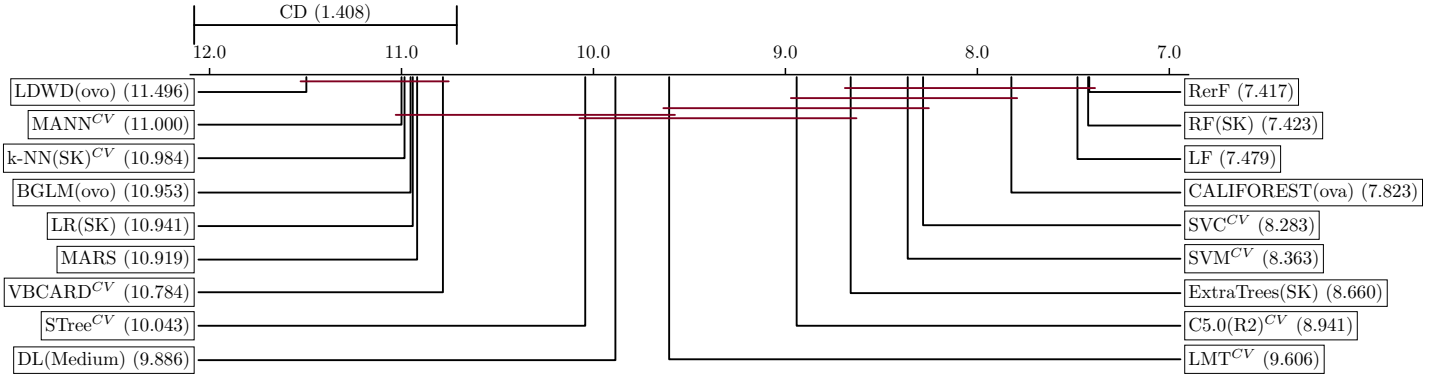
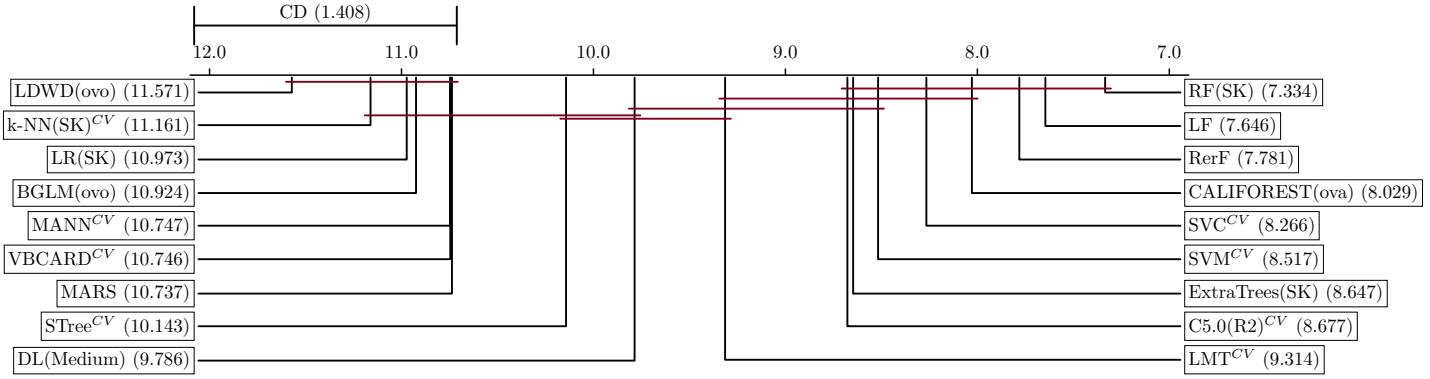


Figure 67: Finished datasets for the best methods for datasets with at least 10 classes.

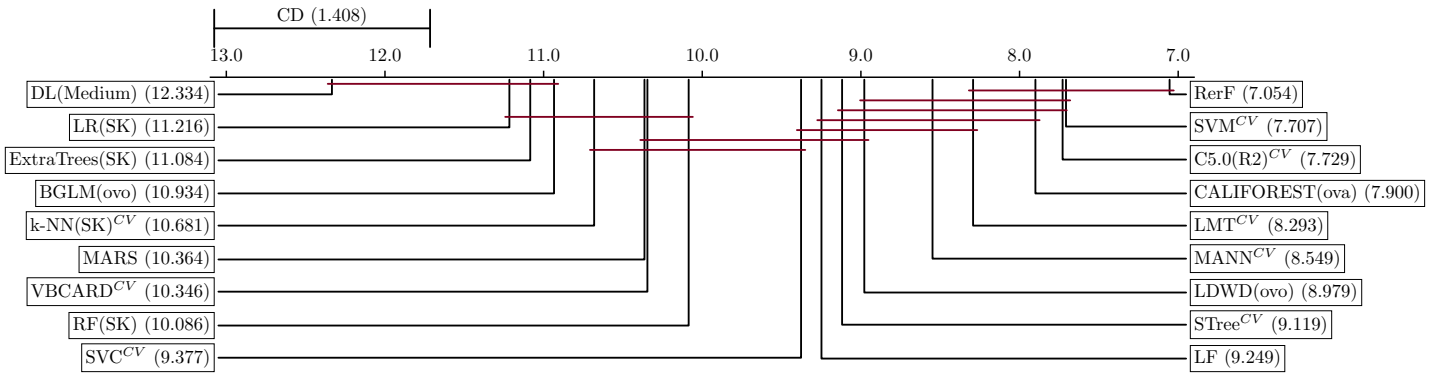


(a) F1-macro

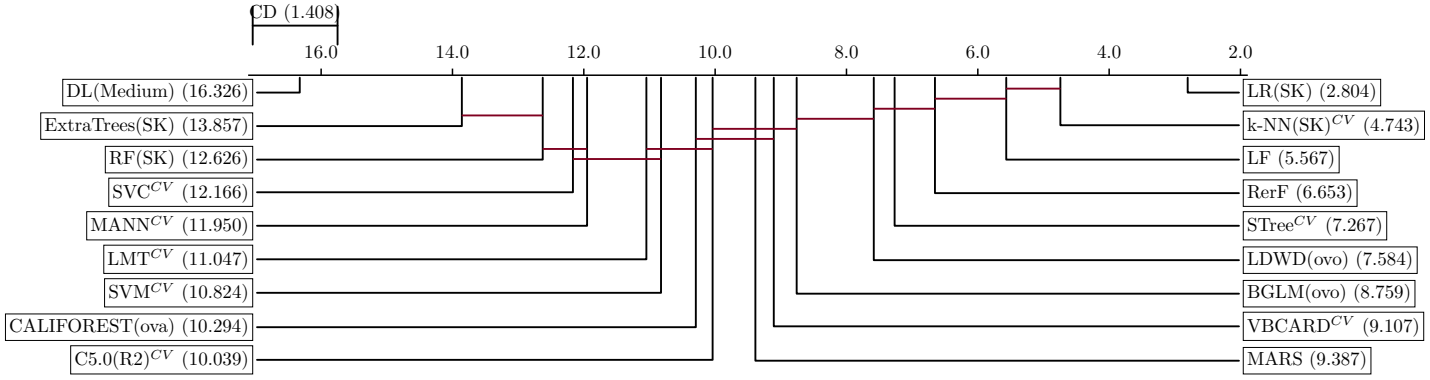


(b) Kappa

Figure 68: Nemenyi test results for the best methods for binary datasets.



(a) CEN



(b) Time

Figure 69: Nemenyi test results for the best methods for binary datasets.

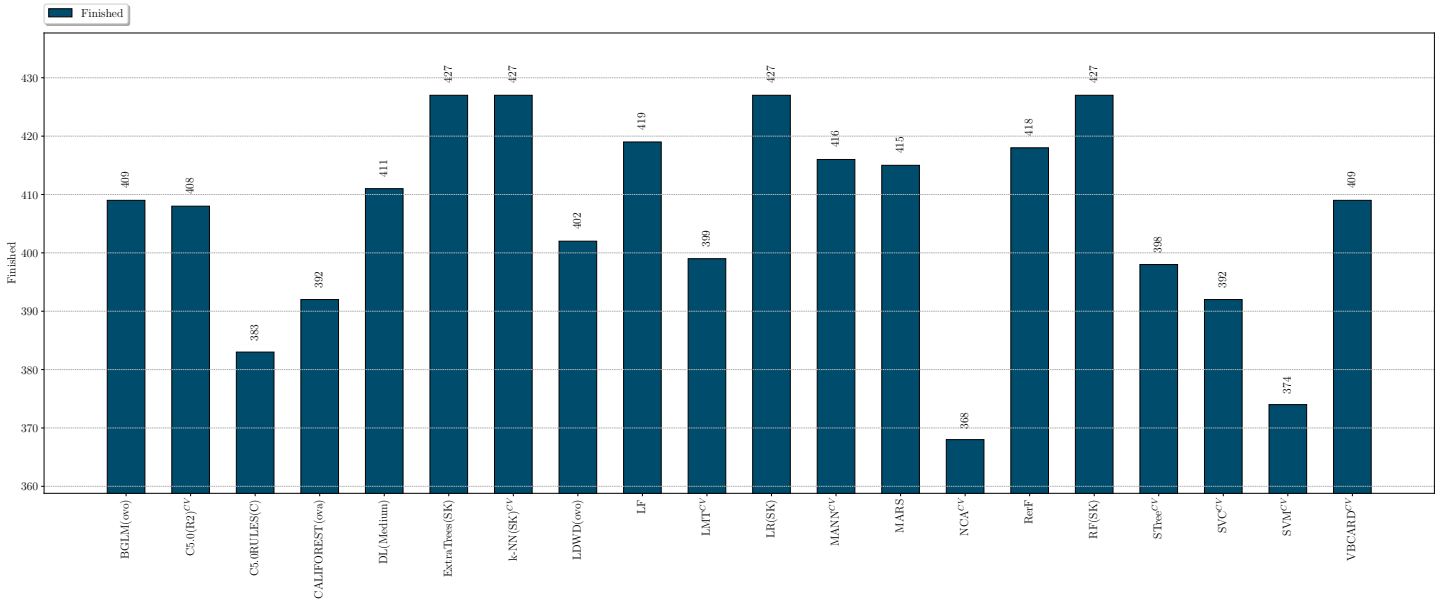
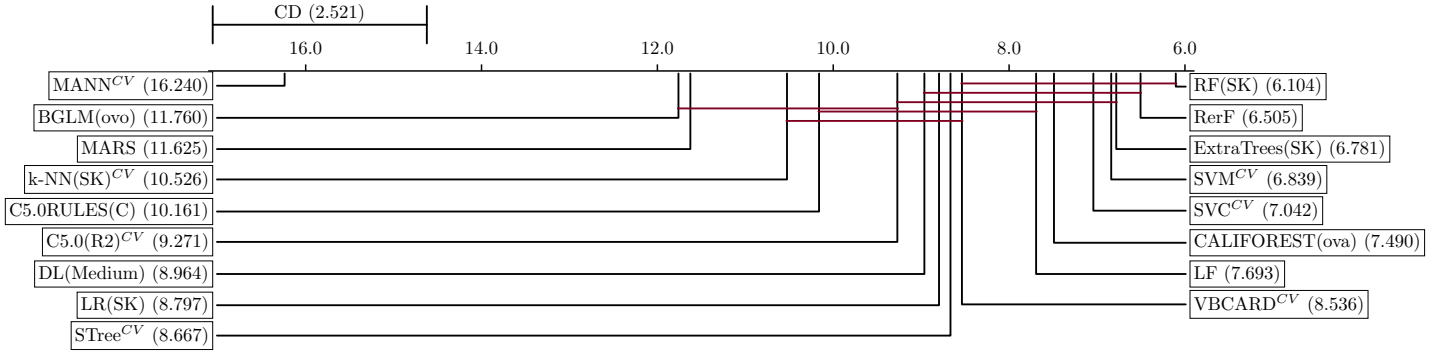
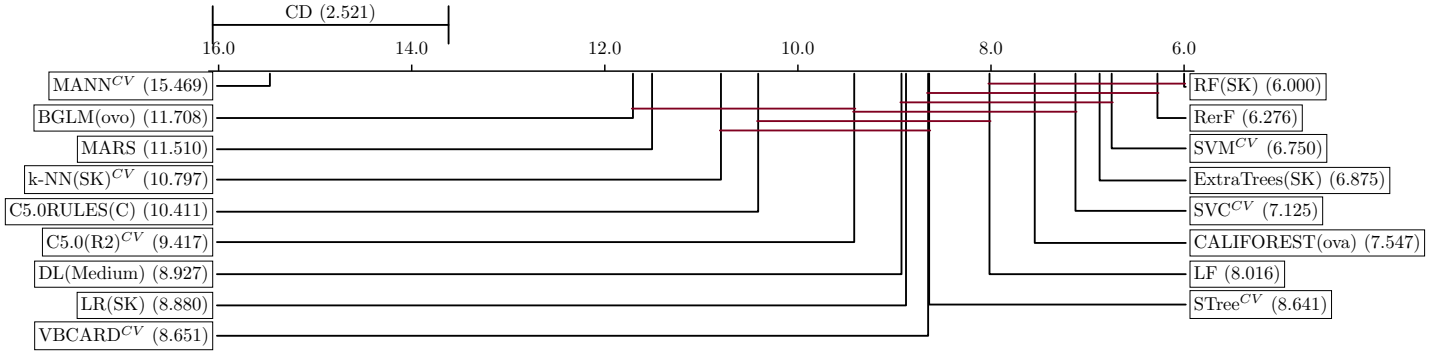


Figure 70: Finished datasets for the best methods for binary datasets.

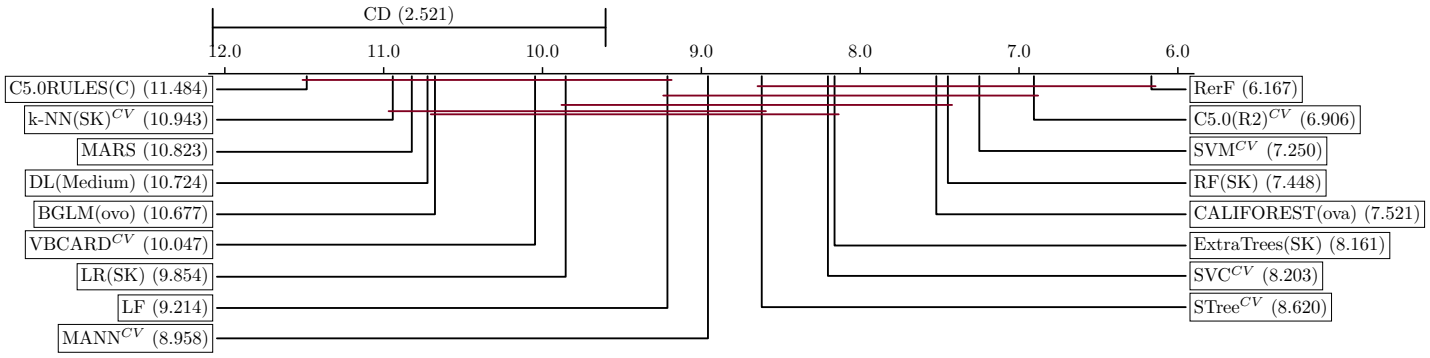


(a) F1-macro

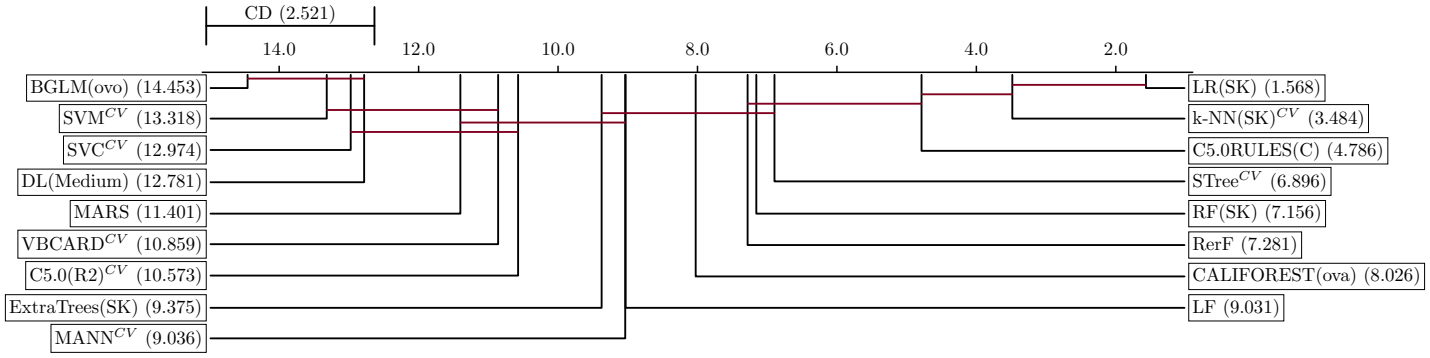


(b) Kappa

Figure 71: Nemenyi test results for the best methods for datasets with at least 1,000 features.



(a) CEN



(b) Time

Figure 72: Nemenyi test results for the best methods for datasets with at least 1,000 features.

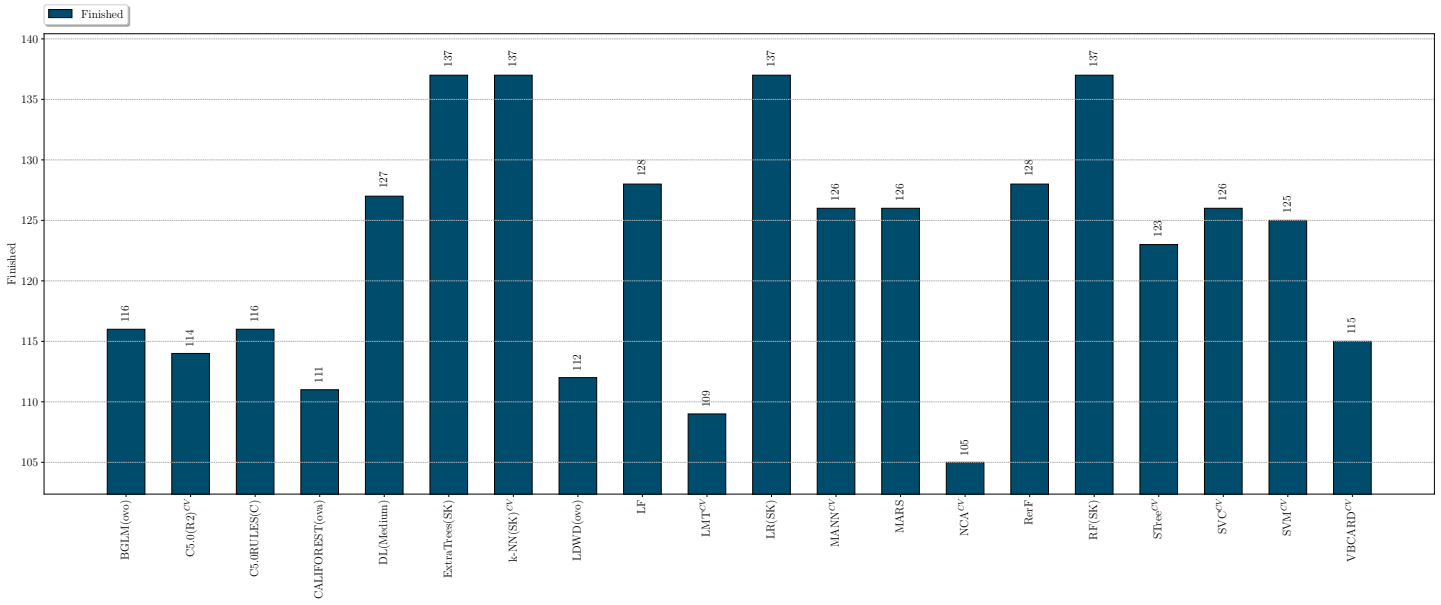
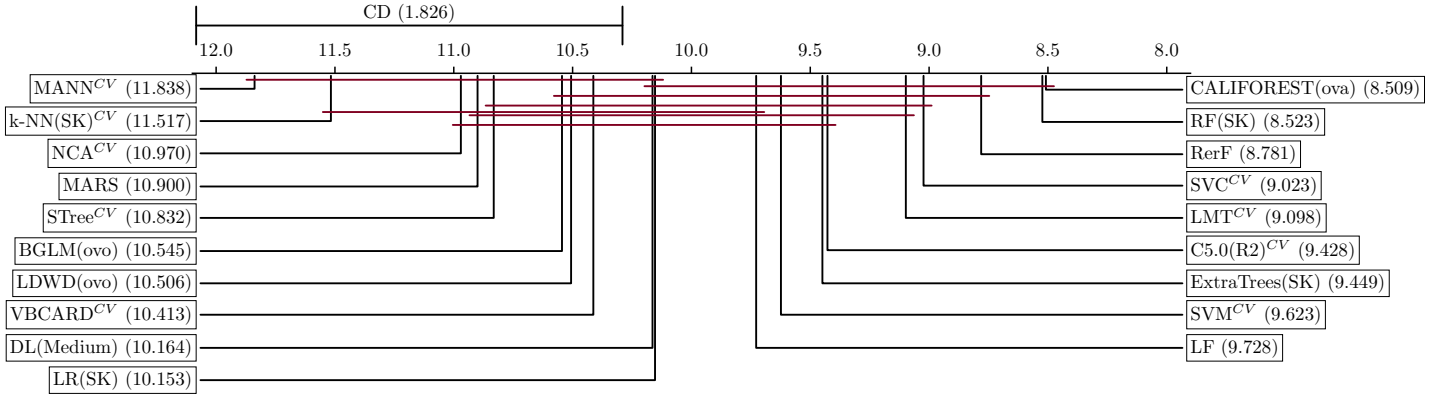
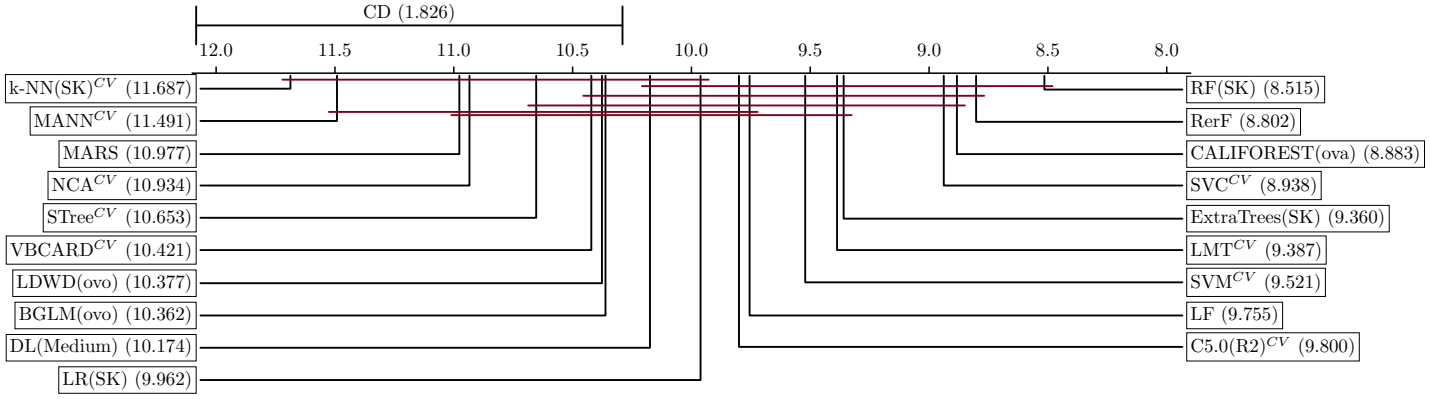


Figure 73: Finished datasets for the best methods for datasets with at least 1,000 features.

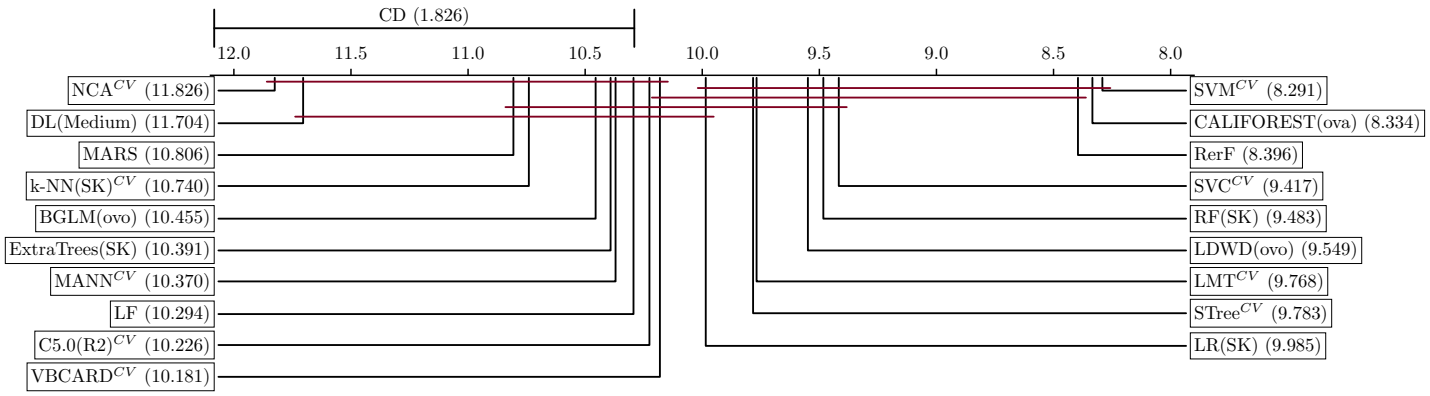


(a) F1-macro

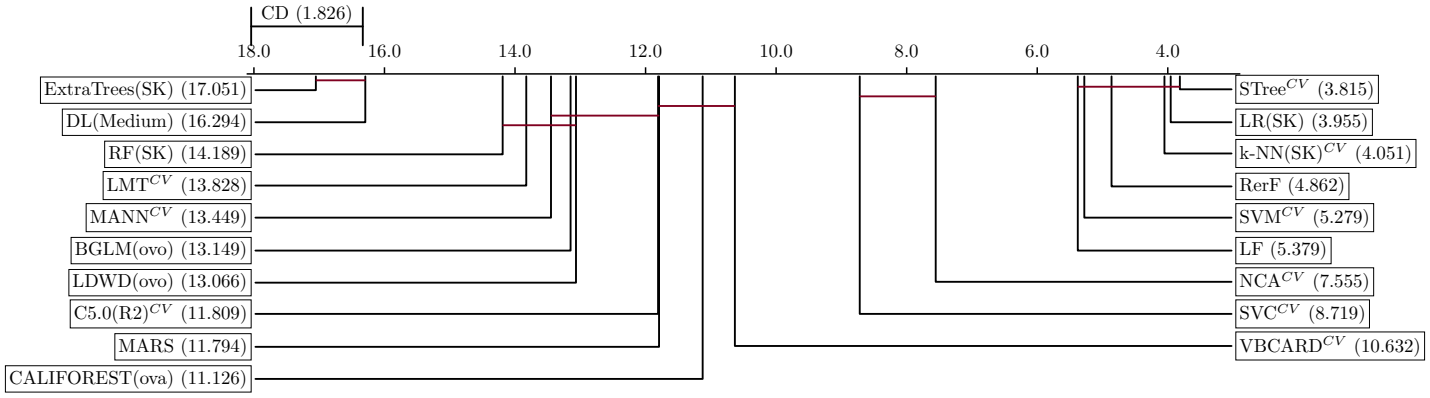


(b) Kappa

Figure 74: Nemenyi test results for the small methods methods.



(a) CEN



(b) Time

Figure 75: Nemenyi test results for the small methods.

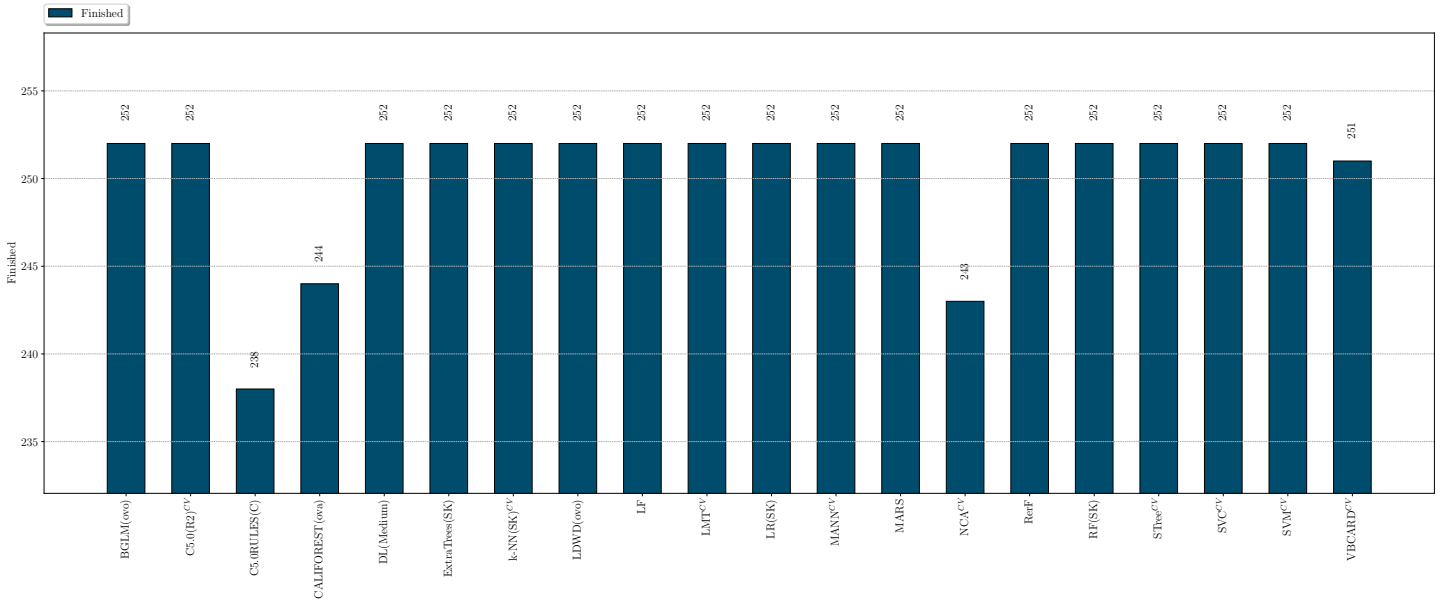
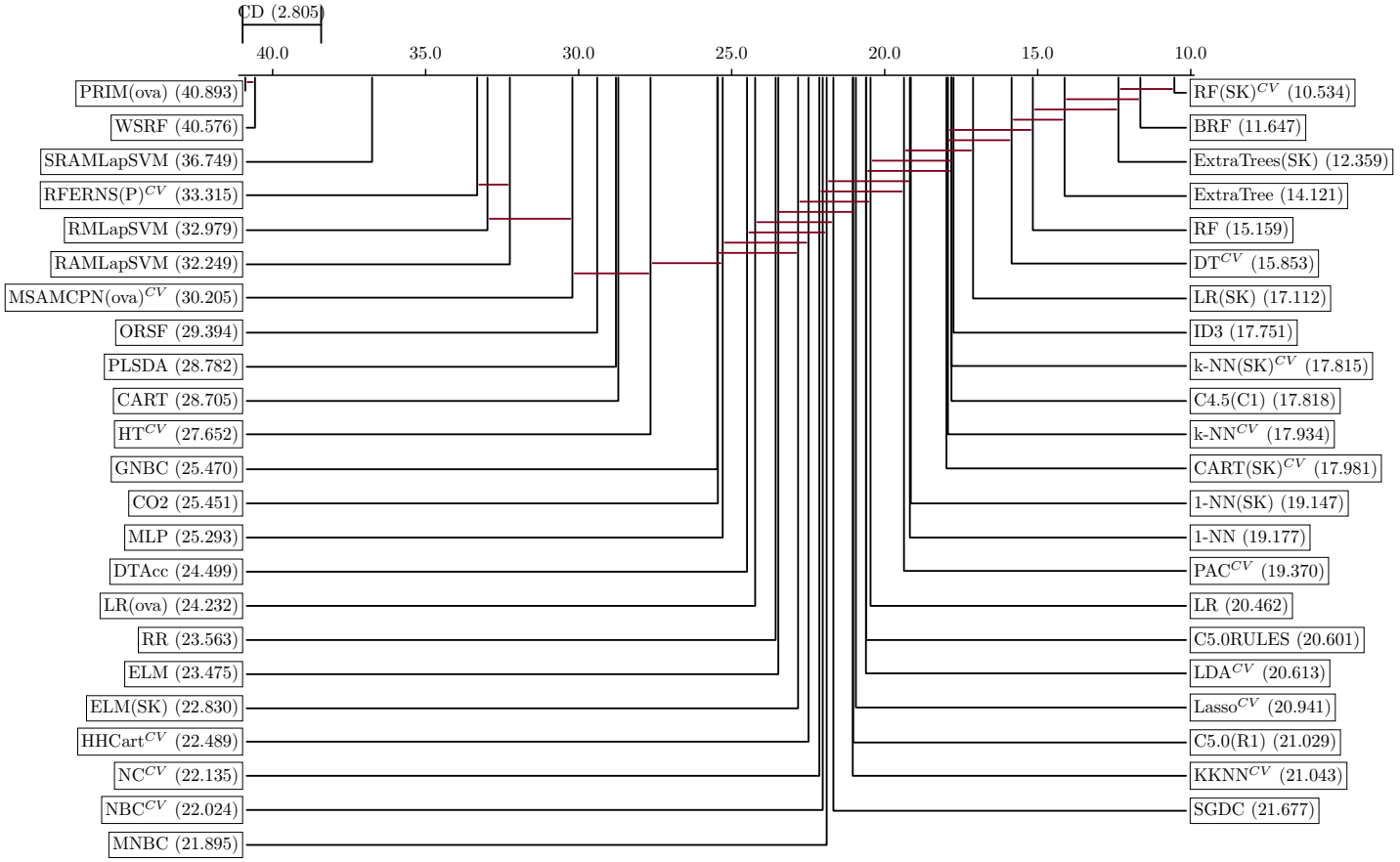
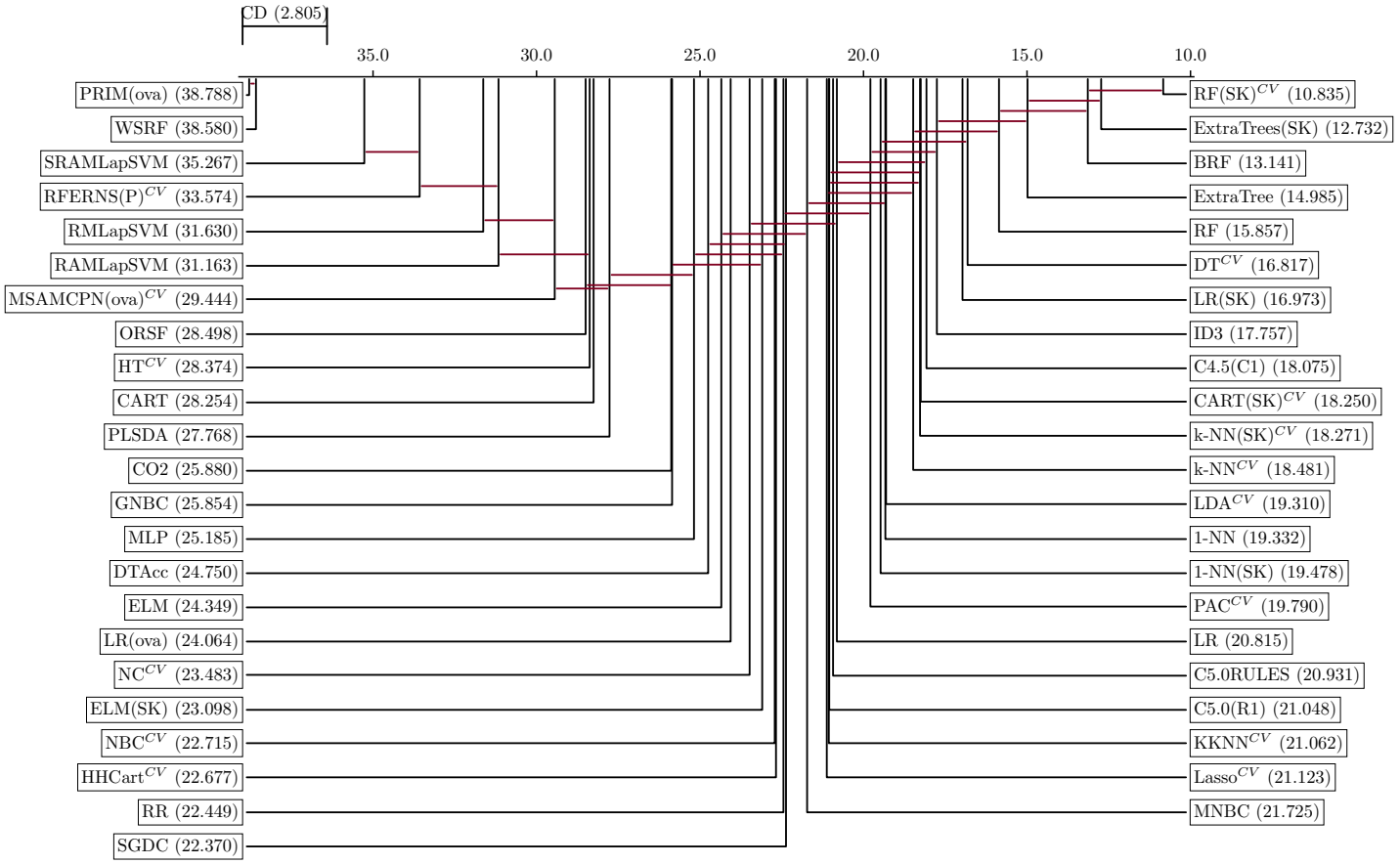


Figure 76: Finished datasets for the best methods for datasets with at most 1,000 instances.

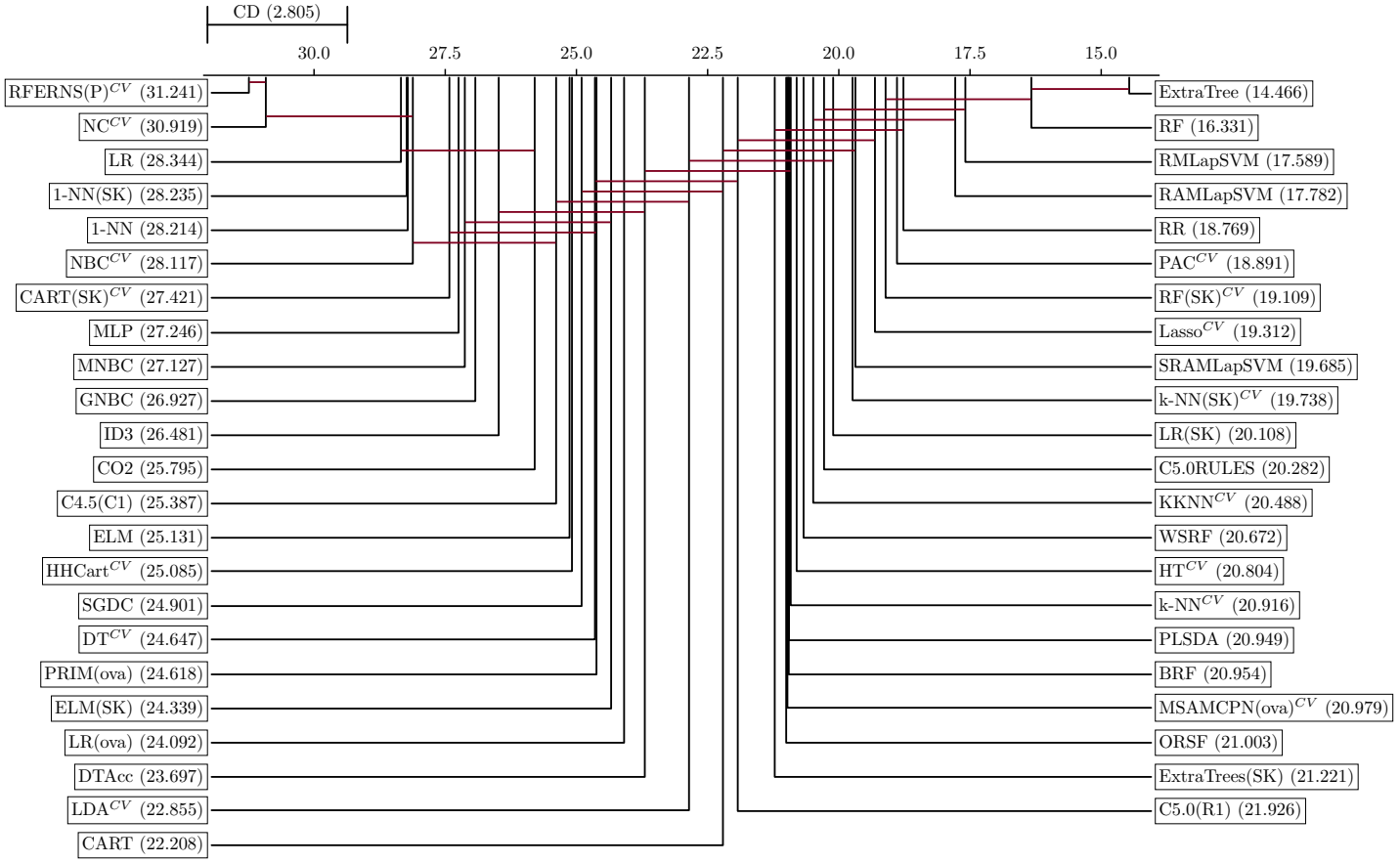


(a) F1-macro

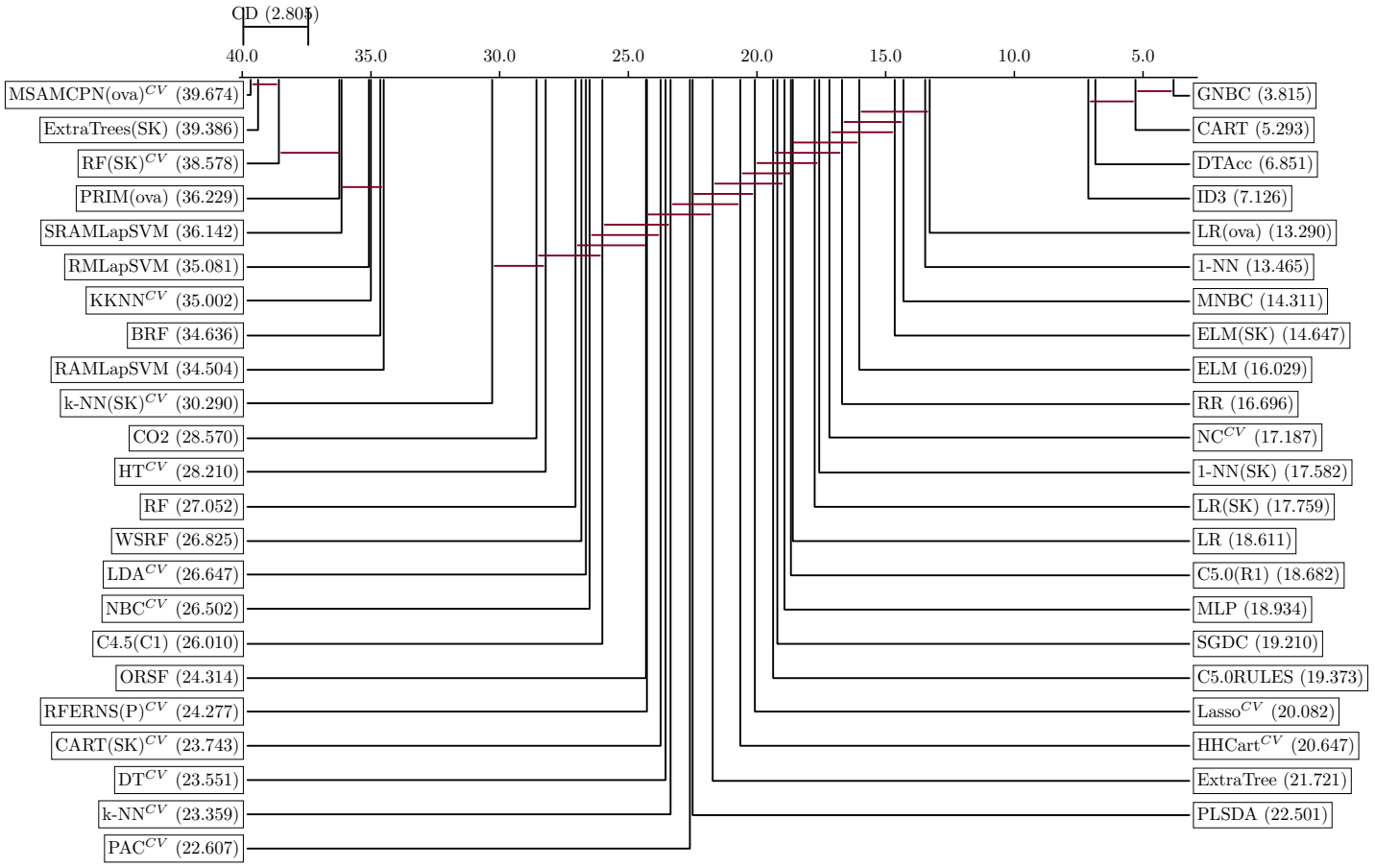


(b) Kappa

Figure 77: Nemenyi test results for the most scalable methods and all the datasets.



(a) CEN



(b) Time

Figure 78: Nemenyi test results for the most scalable methods and all the datasets.

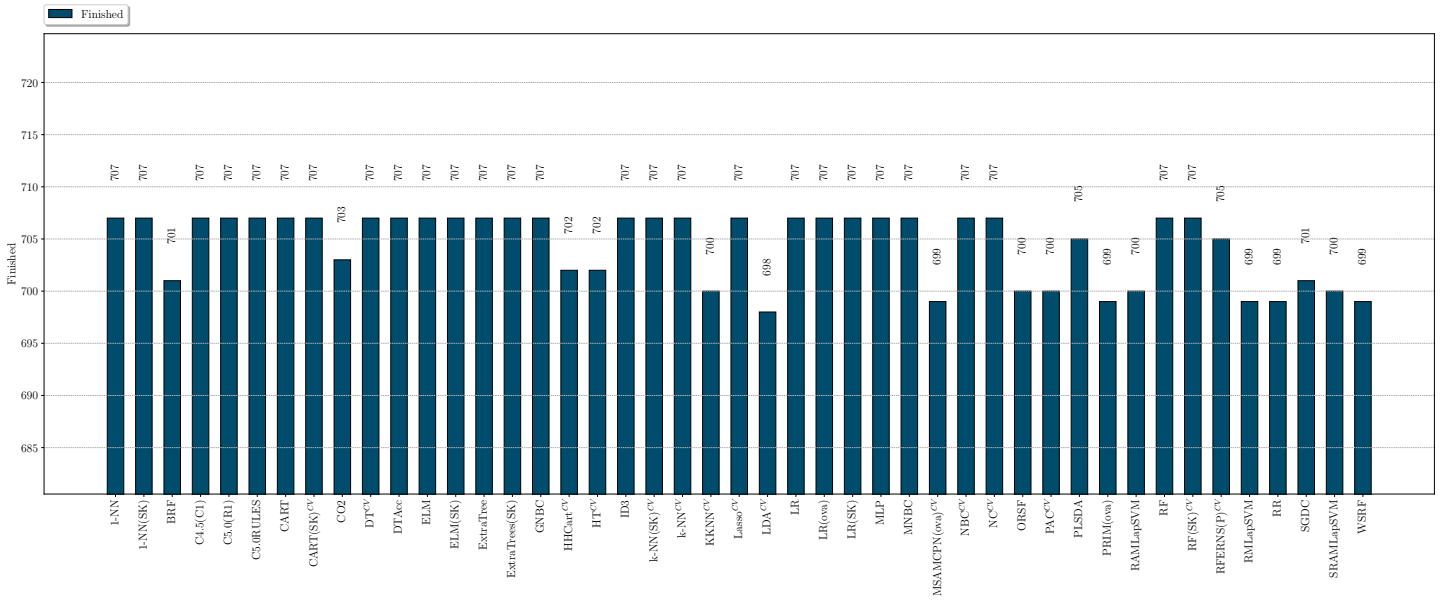


Figure 79: Finished datasets for the most scalable methods.

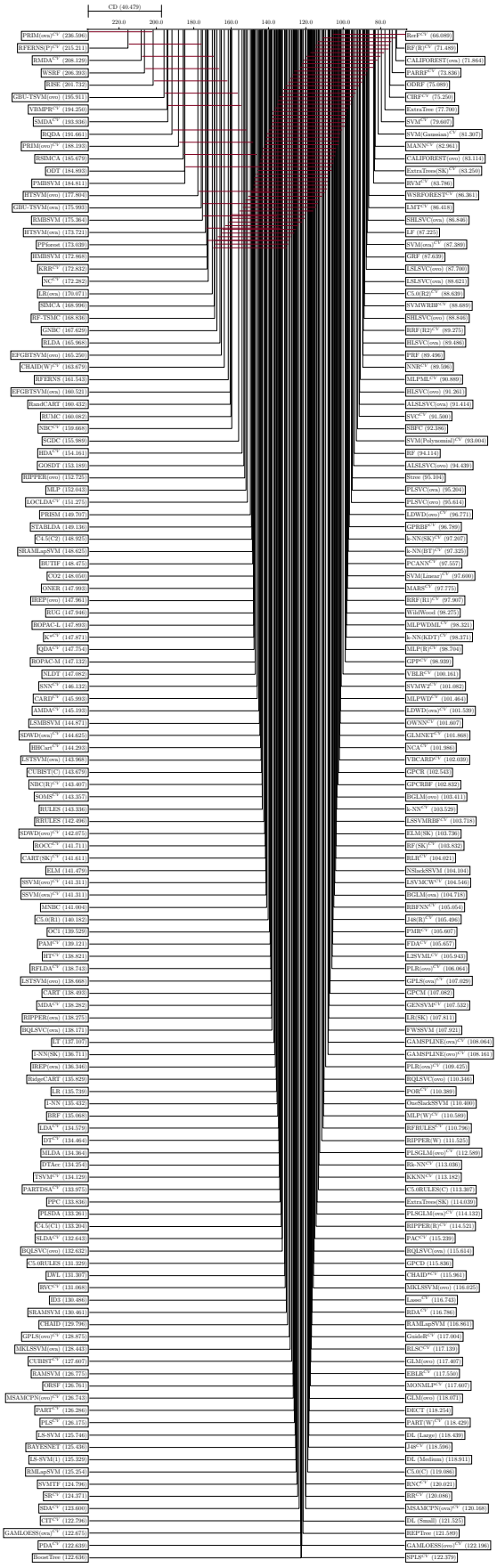


Figure 80: Nemenyi test results for accuracy for all methods.

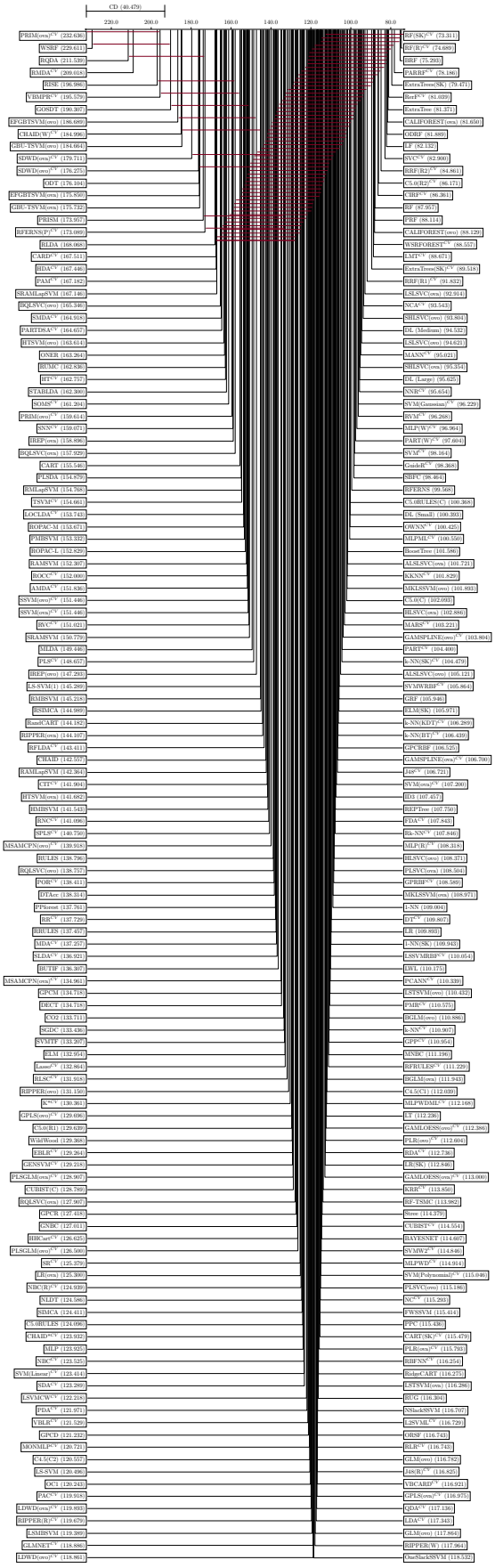


Figure 81: Nemenyi test results for F1-score for all methods.

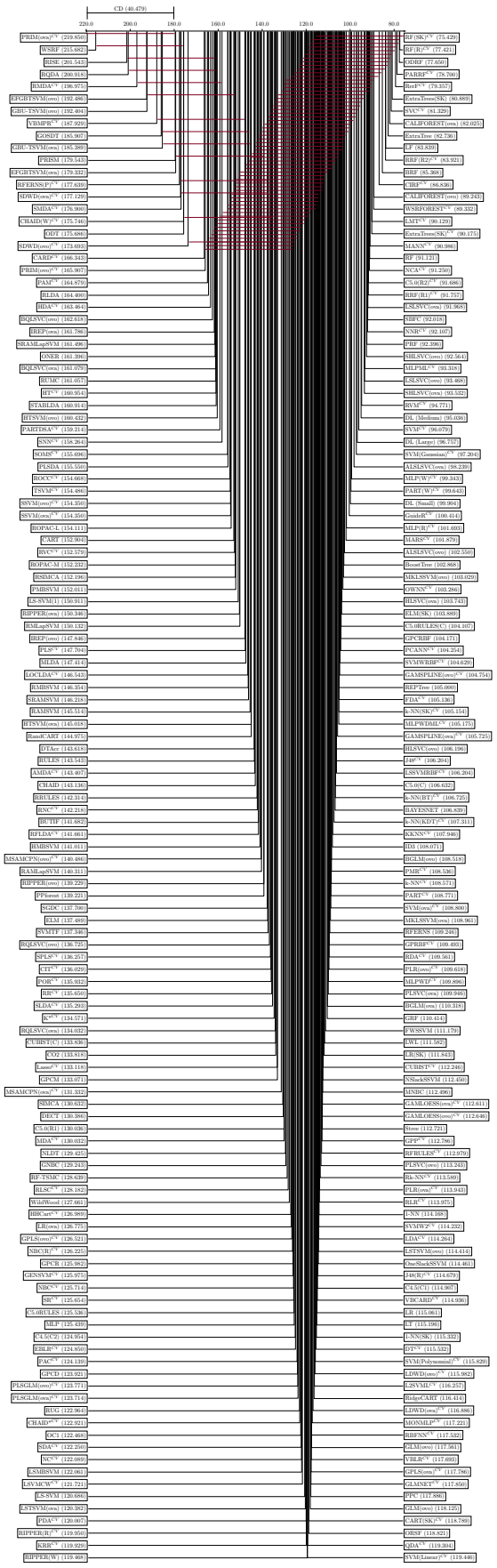


Figure 82: Nemenyi test results for κ for all methods.

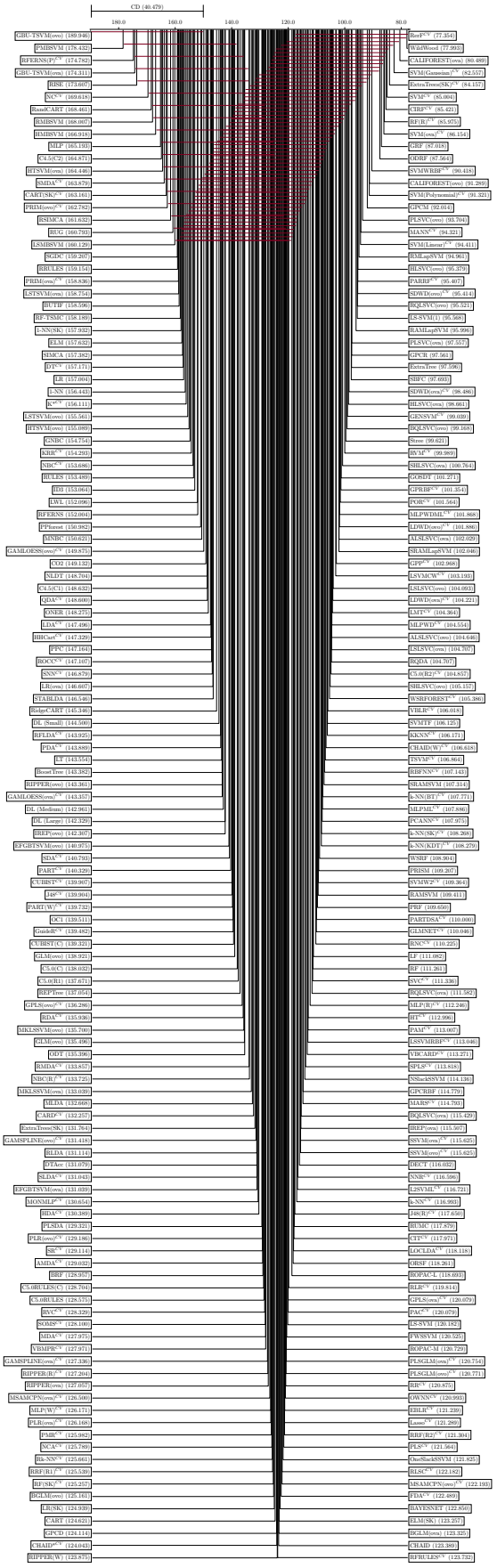


Figure 83: Nemenyi test results for CEN for all methods.

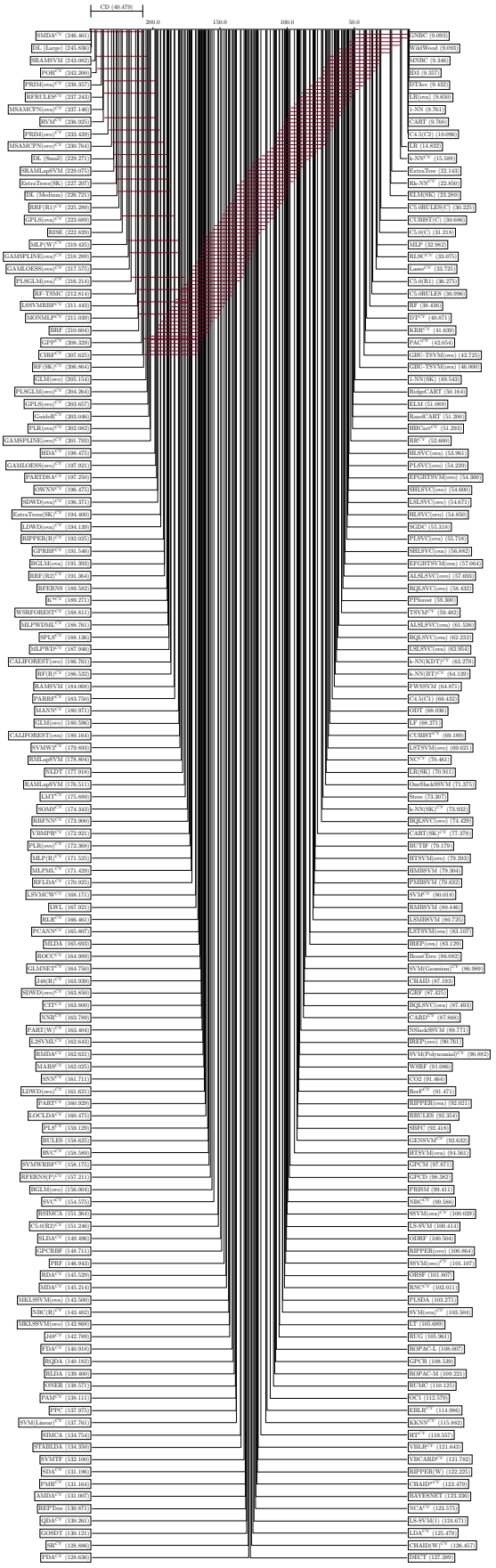


Figure 84: Nemenyi test results for time for methods.

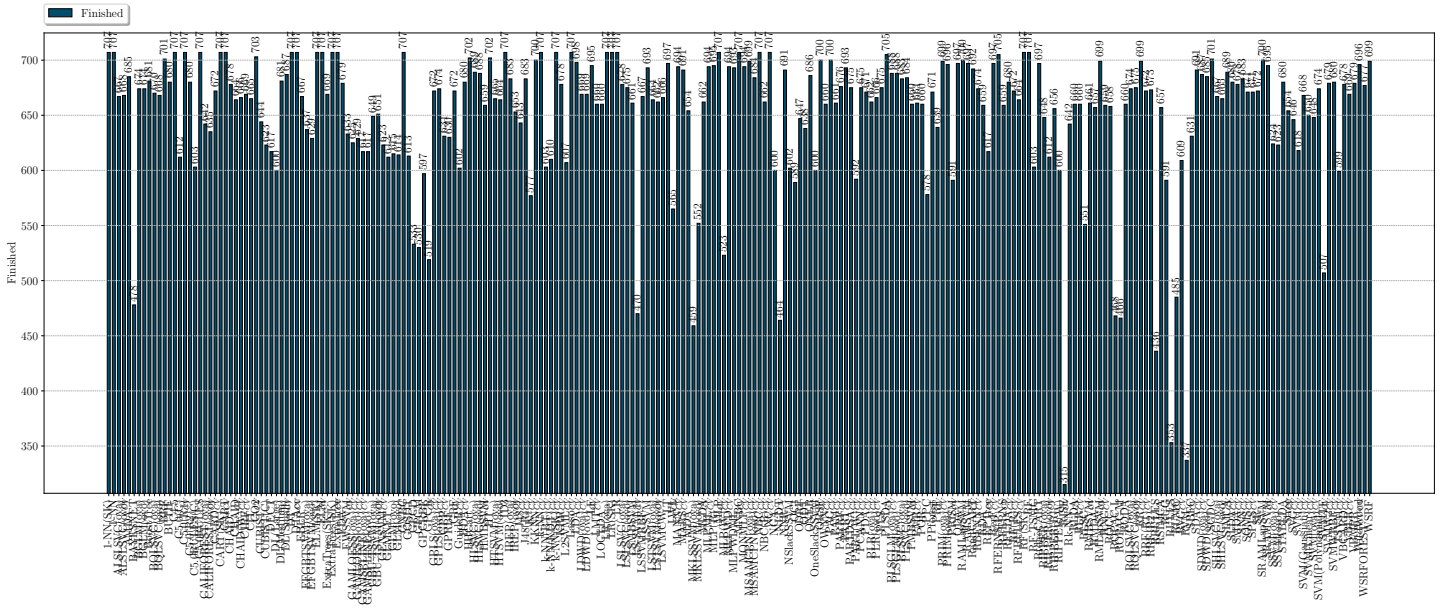


Figure 85: Finished datasets for all methods.

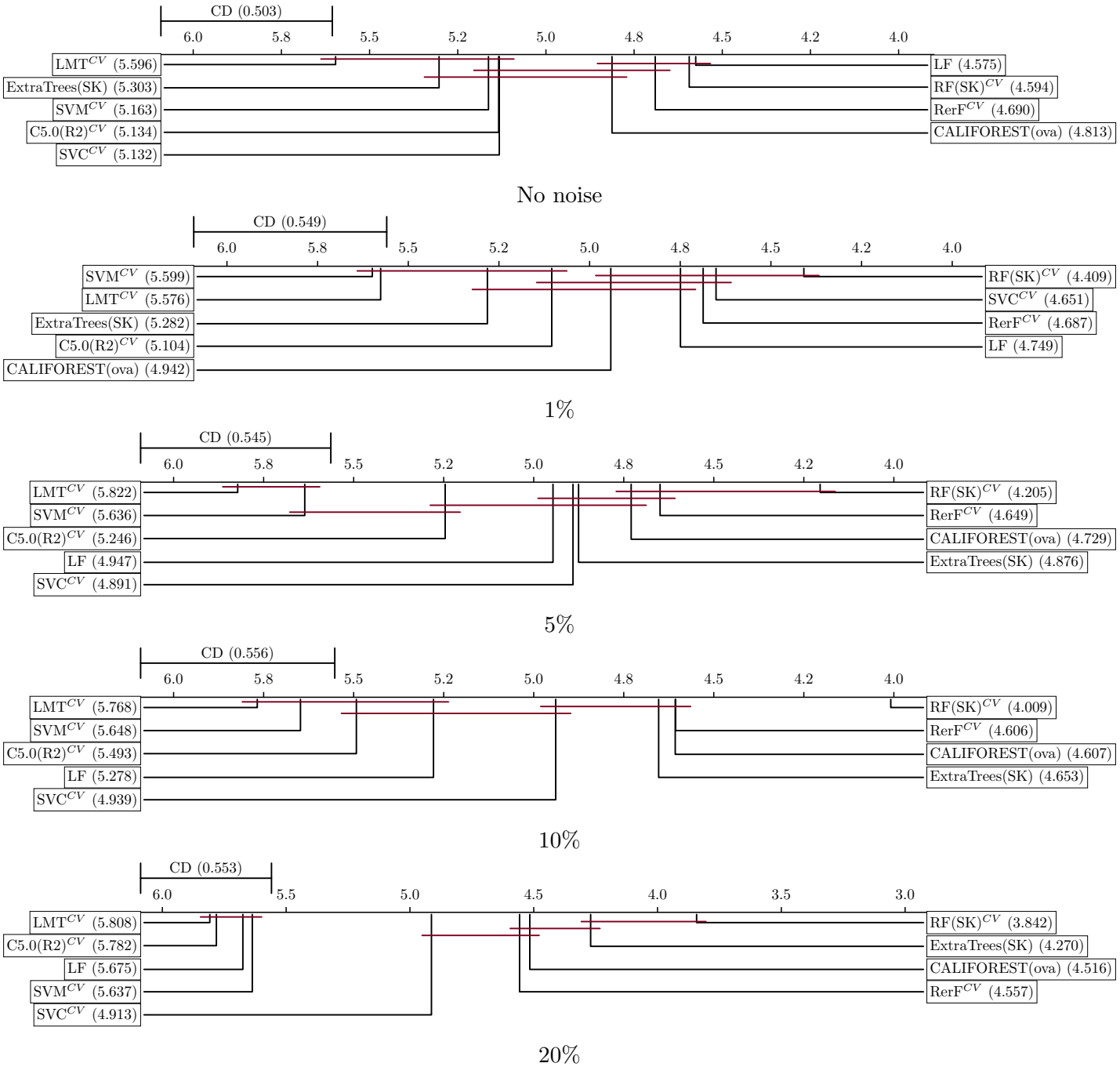
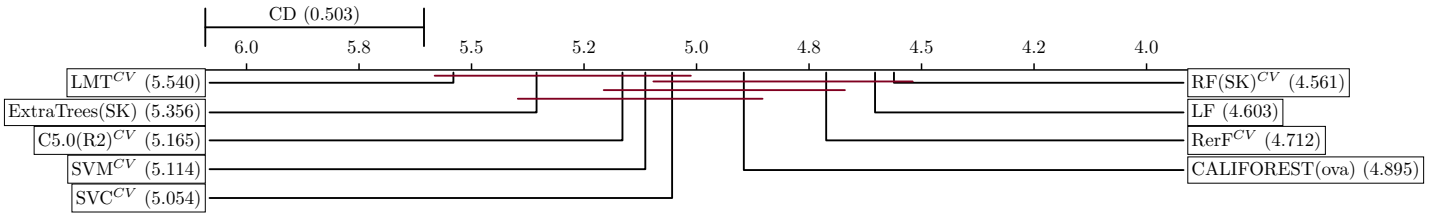
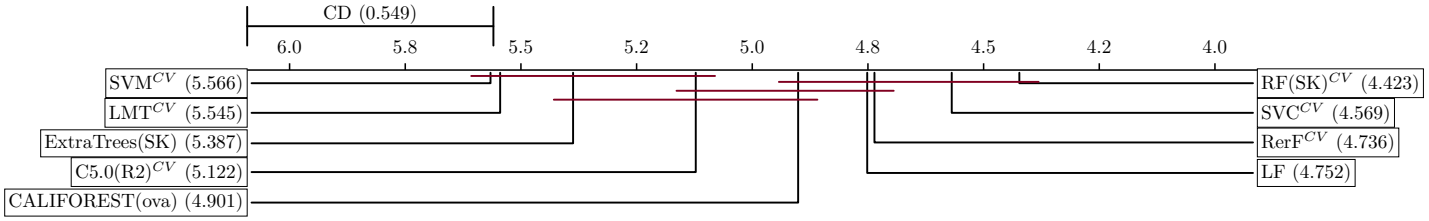


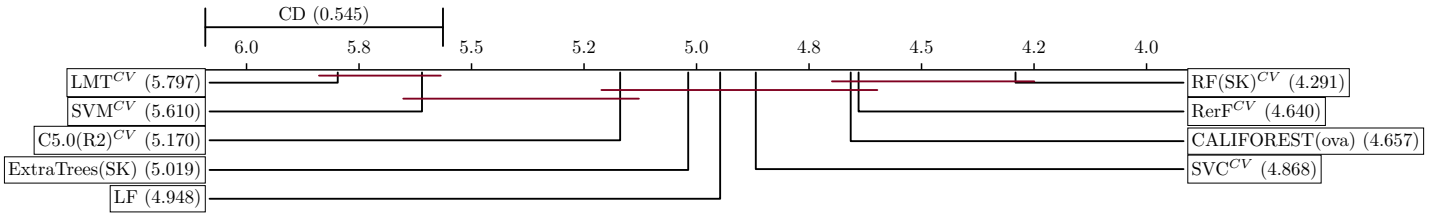
Figure 86: Nemenyi test results for the best methods in presence of noise for F1-macro metric.



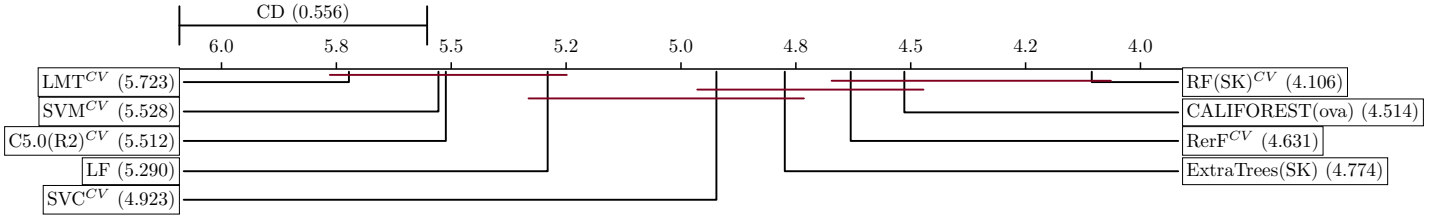
No noise



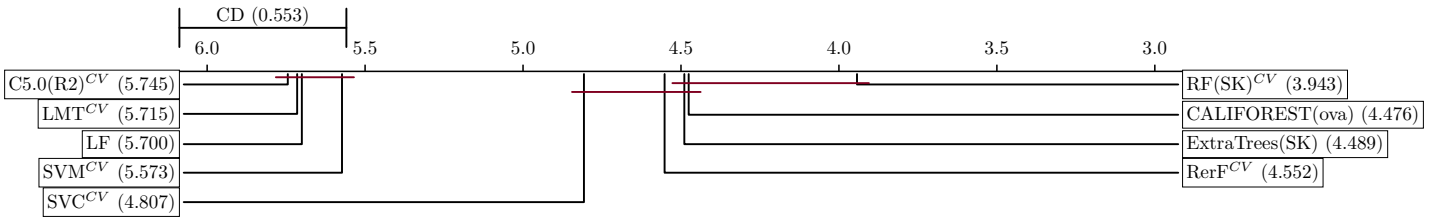
1%



5%



10%



20%

Figure 87: Nemenyi test results for the best methods in presence of noise for Kappa metric.

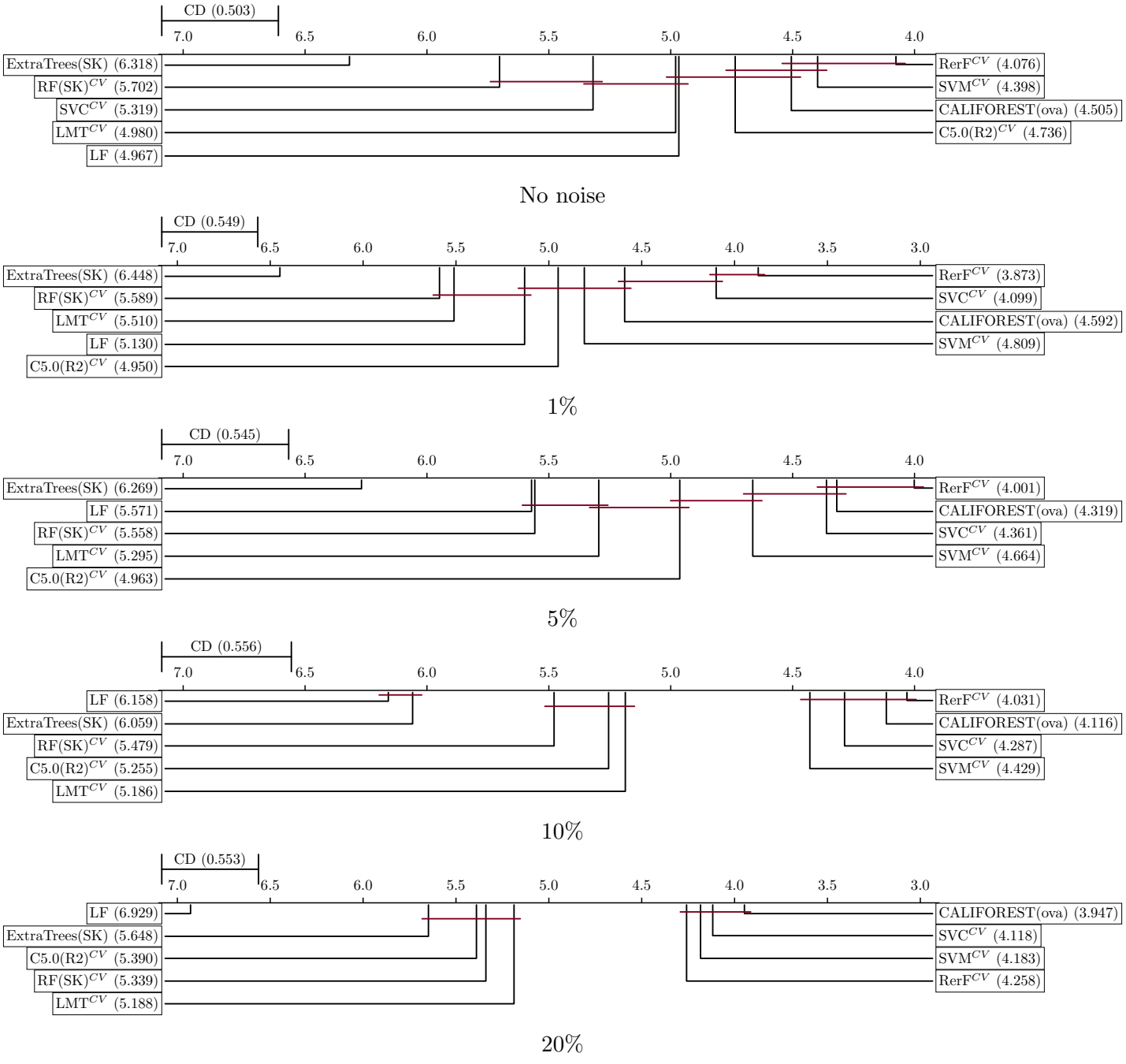
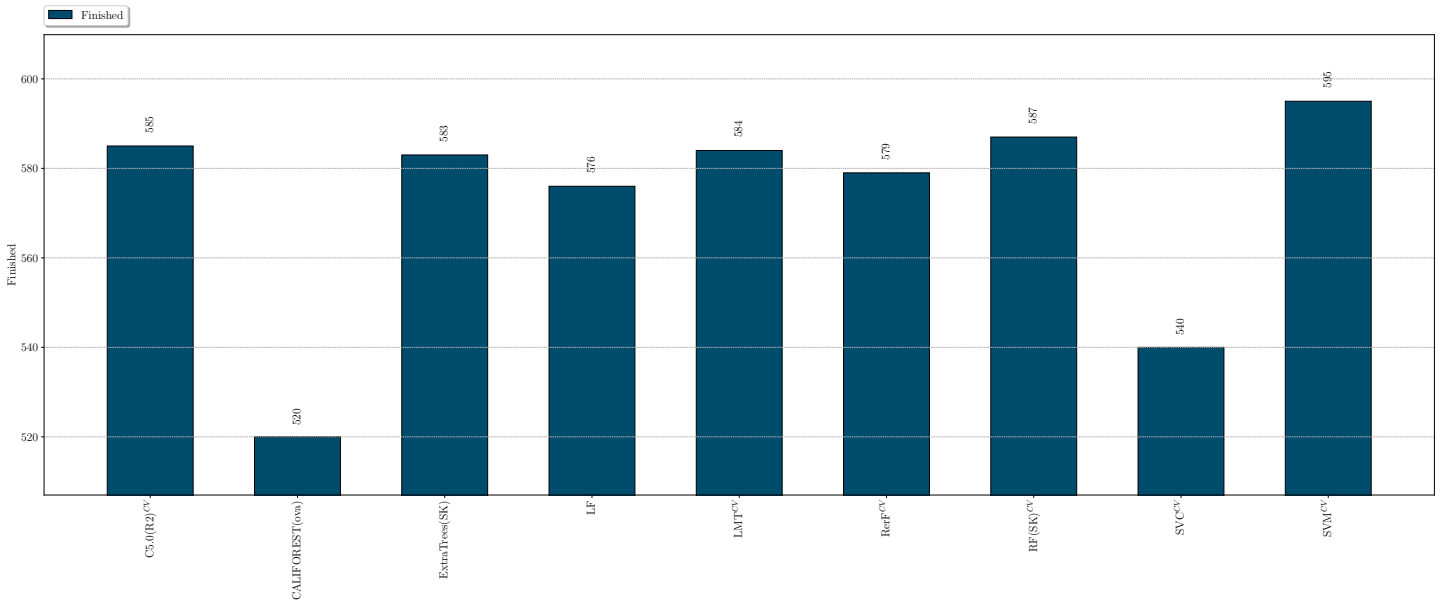
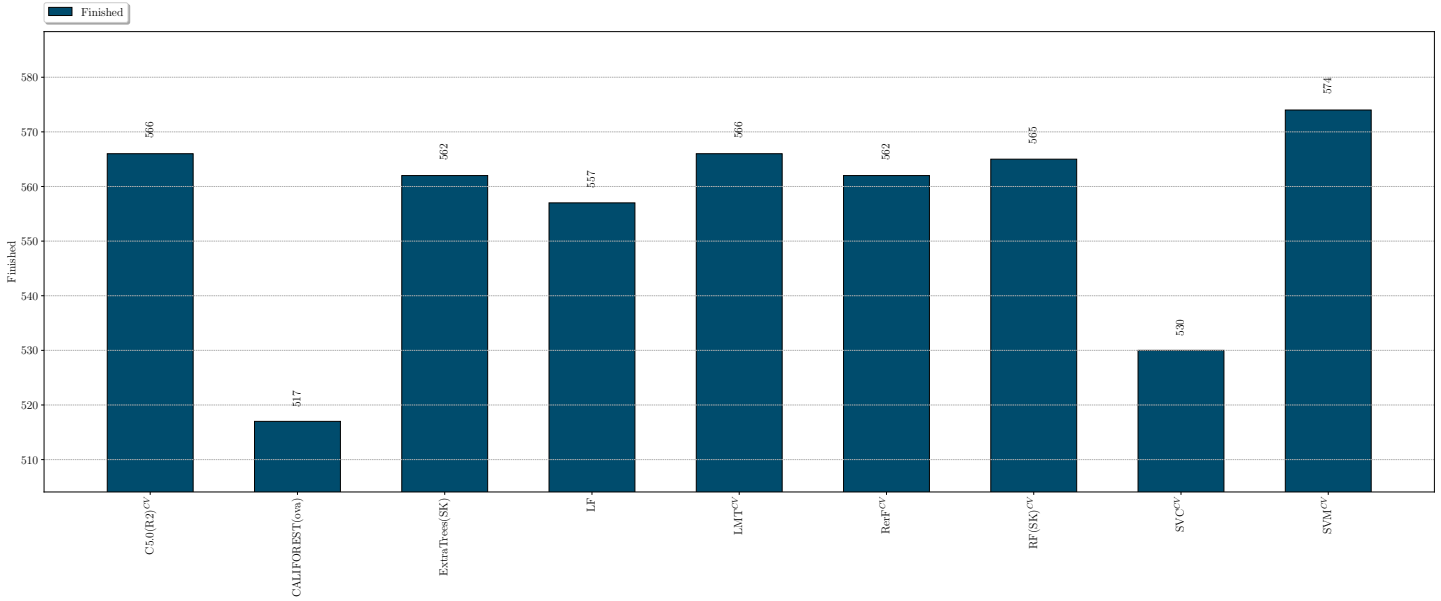


Figure 88: Nemenyi test results for the best methods in presence of noise for CEN metric.

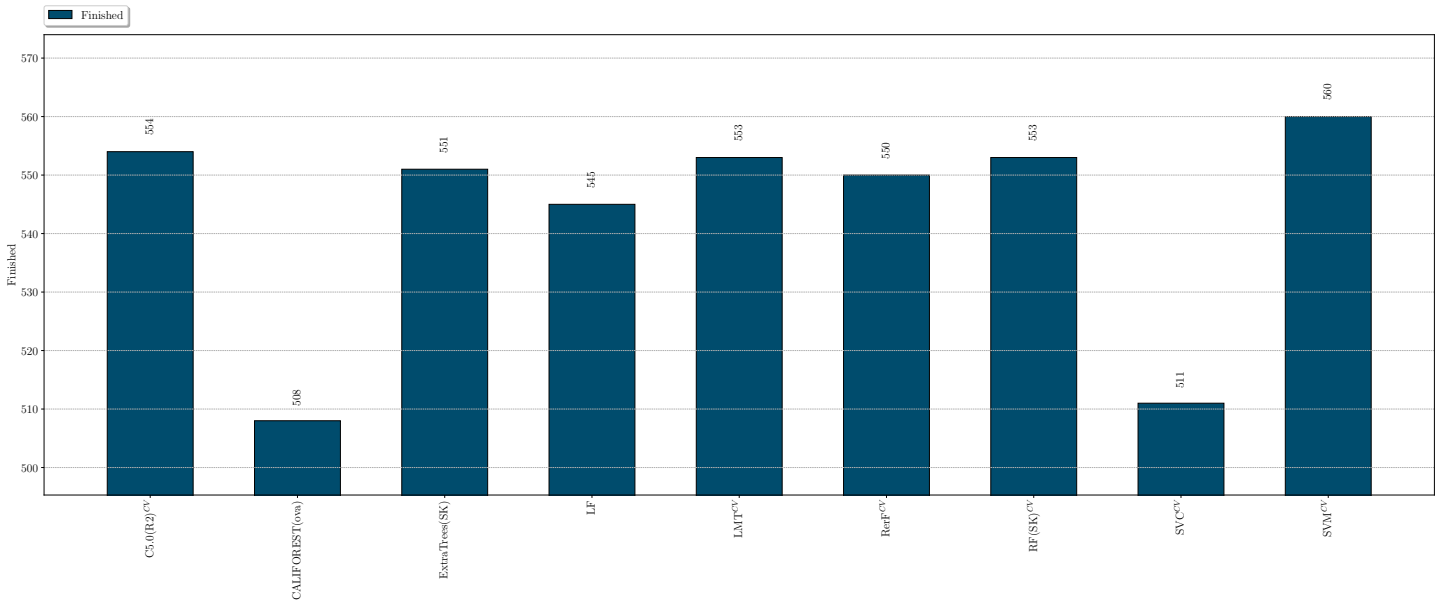


1%

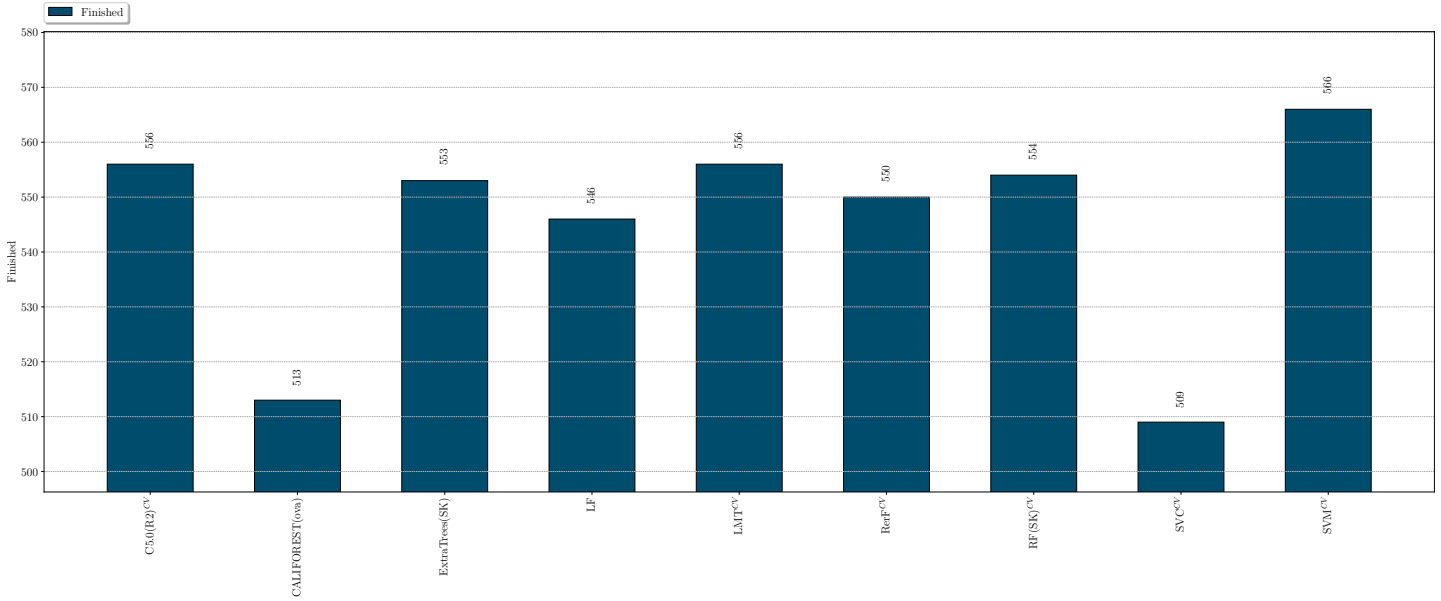


5%

Figure 89: Finished datasets for the best methods in presence of noise for noise ratios of 1% and 5%.



10%



20%

Figure 90: Finished datasets for the best methods in presence of noise for noise ratios of 10% and 20%.

3 Detailed results of all methods

Table 2: Detailed results for 1-NN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1247	0.0604	0.0720	0.0500	0.6620
abalone19		0.9856	0.0144	0.4964	-0.0072	0.5293
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9744	0.0256	0.6462	0.2920	0.5762
accident		0.4500	0.5500	0.4497	-0.1000	1.0000
ads		0.9543	0.0457	0.9061	0.8121	0.3831
adult		0.8051	0.1949	0.7296	0.4593	0.7231
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8016	0.1984	0.4830	-0.0328	0.6707
AID_1431_KlekotaRothFingerprinter		0.8651	0.1349	0.5587	0.1171	0.7128
AID_1431_MACCSFingerprinter		0.8095	0.1905	0.4474	-0.1045	0.6901
AID_1878		0.7810	0.2190	0.6527	0.3038	0.7668
AID_602330		0.9219	0.0781	0.5386	0.0769	0.6207
AID_652128		0.8182	0.1212	0.4125	0.0660	0.6100
AID1284Morered		0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red		0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered		0.8835	0.1165	0.5402	0.0804	0.6801
AID1608red		0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red		0.9836	0.0164	0.6183	0.2149	0.5259
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9985	0.0015	0.5912	0.1811	0.5354
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9930	0.0070	0.4982	-0.0034	0.4755
AID604		0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed		0.9980	0.0020	0.4995	-0.0010	0.5055
AID644Morered		0.6000	0.4000	0.6094	0.2000	0.8294
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9991	0.0009	0.4998	-0.0004	0.5319
AID687red		0.9961	0.0039	0.4990	-0.0014	0.5024
AID688red		0.9846	0.0154	0.4961	-0.0075	0.5641
AID721morered		0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9985	0.0015	0.5912	0.1811	0.5354
AID746red		0.9911	0.0089	0.6027	0.2045	0.5517
aids		0.7887	0.2113	0.6909	0.3746	0.7465
air_pollution		0.2167	0.2238	0.1124	-0.0223	0.9085
air-booking		0.7892	0.2108	0.5876	0.1752	0.7776
airline		0.9190	0.0810	0.9175	0.8345	0.3728
alcohol		0.8762	0.0495	0.7909	0.7364	0.2497
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6837	0.3163	0.6442	0.2868	0.8586
anneal		0.9888	0.0045	0.9858	0.9759	0.0146
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus		0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species		0.9861	0.0028	0.9743	0.9807	0.0592
anxiety		0.0833	0.2037	0.0812	-0.0312	0.8421
apple-quality		0.8550	0.1450	0.8552	0.7100	0.5477
aps-failure		0.9900	0.0100	0.8457	0.6860	0.3560
arabidopsis		0.9672	0.0153	0.5594	0.1170	0.5319
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.6782	0.3218	0.5129	0.0025	0.0723
arabidopsis10%		0.9739	0.0213	0.5303	0.0499	0.4572

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia		0.5333	0.0718	0.2784	0.2216	0.4101
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult		0.8714	0.1286	0.8470	0.6903	0.5586
autism-child		0.6897	0.3103	0.6905	0.3800	0.8315
autos		0.8000	0.0667	0.6553	0.7324	0.1641
avila		0.7652	0.0391	0.7763	0.6938	0.3689
babies		0.3145	0.1959	0.1628	0.0120	0.7019
balance		0.8065	0.1290	0.5809	0.6565	0.4834
bank		0.8713	0.1287	0.6615	0.3219	0.6957
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8341	0.1659	0.8199	0.6397	0.6142
basehock		0.8040	0.1960	0.8157	0.6075	0.5740
bio		0.9970	0.0029	0.9132	0.8258	0.2735
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.8571	0.1429	0.8494	0.6986	0.5580
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9642	0.0012	0.1249	0.3999	1.0000
bitcoin1%		0.9708	0.0020	0.0366	0.0360	0.4251
bitcoin10%		0.9740	0.0018	0.0553	0.1118	0.7686
body-perf		0.5612	0.2194	0.5658	0.4149	0.5790
bookings		0.9402	0.0399	0.7337	0.8738	0.3350
brain-tumor		0.4950	0.5050	0.4950	-0.0100	1.0000
breast-cancer		0.6429	0.3571	0.5944	0.1860	0.8702
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.5000	0.1429	0.4685	0.3590	0.2261
bub10at310k-hg16-17		0.8641	0.1359	0.6034	0.2066	0.7015
bub12at310k-hg16-17		0.8741	0.1259	0.6209	0.2418	0.6971
bub8at310k-hg16-17		0.8548	0.1452	0.6171	0.2304	0.6879
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae		0.4350	0.3767	0.3349	0.0174	0.8109
car		0.9310	0.0345	0.9073	0.8591	0.2477
car-insurance		0.7660	0.2340	0.7334	0.4661	0.7502
card		0.7681	0.2319	0.7603	0.5196	0.7249
cardiotocography		0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp		0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular		0.6157	0.3843	0.6158	0.2314	0.9139
cargo2k		0.9695	0.0203	0.9695	0.9543	0.0980
cars		0.7000	0.2000	0.6194	0.4299	0.5035
cas_N6512_cdk_ECFP2		0.7081	0.2919	0.7075	0.4147	0.8097
cas_N6512_rdkit_ATOMPAIR		0.7277	0.2723	0.7251	0.4489	0.7820
cas_N6512_RDkit_AtomPair_FP		0.7393	0.2607	0.7369	0.4729	0.7659
cas_N6512_rdkit_AVALON		0.7696	0.2304	0.7687	0.5372	0.7190
cas_N6512_RDkit_Avalon_FP		0.7761	0.2239	0.7768	0.5520	0.7037
cas_N6512_rdkit_descriptors		0.7908	0.2092	0.7900	0.5798	0.6822
cas_N6512_rdkit_FEATMORGAN		0.7204	0.2796	0.7191	0.4382	0.7943
cas_N6512_RDkit_Featmorgan_FP		0.7331	0.2669	0.7325	0.4646	0.7752
cas_N6512_RDkit_FP		0.7822	0.2178	0.7807	0.5614	0.6980
cas_N6512_rdkit_LAYERED		0.7723	0.2277	0.7723	0.5439	0.7122
cas_N6512_RDkit_Layered_FP		0.7515	0.2485	0.7497	0.4992	0.7487

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7696	0.2304	0.7680	0.5359	0.7197
cas_N6512_RDkit_MACCS_FP		0.7607	0.2393	0.7616	0.5216	0.7287
cas_N6512_rdkit_MORGAN		0.7138	0.2862	0.7144	0.4276	0.7994
cas_N6512_RDkit_morgan_FP		0.7270	0.2730	0.7260	0.4518	0.7847
cas_N6512_rdkit_PATTERN		0.7523	0.2477	0.7520	0.5034	0.7456
cas_N6512_RDkit_pattern_FP		0.7546	0.2454	0.7542	0.5079	0.7422
cas_N6512_rdkit_RDKITFP		0.7834	0.2166	0.7823	0.5647	0.6958
cas_N6512_rdkit_TORSION		0.7169	0.2831	0.7142	0.4272	0.7977
ccds		0.9488	0.0359	0.6878	0.3186	0.4372
ccds1%		0.9451	0.0549	0.6286	0.2571	0.6181
ccds10%		0.9235	0.0765	0.5657	0.1282	0.5966
cdc_diabetes		0.7790	0.1474	0.4011	0.1795	0.6603
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7772	0.2228	0.7689	0.5322	0.7052
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9490	0.0510	0.7021	0.4041	0.6000
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9291	0.0709	0.5947	0.1888	0.6438
CDS49_AID687_Rdkit-ecfp4-fp		0.9943	0.0057	0.4986	-0.0028	0.4683
census		0.9240	0.0760	0.6702	0.3400	0.6370
census10%		0.9144	0.0856	0.6116	0.2232	0.6573
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7589	0.5147	0.5542
cervical-C		0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia		0.4878	0.2561	0.4158	0.2298	0.6640
chrom19		0.9948	0.0003	0.8909	0.8254	0.3338
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9989	0.0011	0.8015	0.5904	0.5216
chrom21		1.0000	0.0002	0.6676	0.1455	0.1796
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.8855	0.1145	0.5892	0.1782	0.6915
churn		0.7870	0.2130	0.6655	0.3307	0.7706
churn-bigml		0.8390	0.1610	0.6377	0.2690	0.7312
ci900367j_MACCS		0.7158	0.2842	0.7162	0.4242	0.7793
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.5000	0.3333	0.3658	0.1285	0.7500
cjs		0.9857	0.0048	0.9859	0.9826	0.0298
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.6861	0.1569	0.4895	0.5181	0.5951
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.6970	0.3902	0.6445
cmc		0.4762	0.3492	0.4595	0.1983	0.7686
cnae-9		0.8426	0.0350	0.8454	0.8229	0.1416
codon_usage		0.9233	0.0140	0.8203	0.9070	0.1616
coil20		0.9861	0.0014	0.9866	0.9854	0.0097
college		0.9091	0.0909	0.8839	0.7674	0.4467
collins		0.2800	0.0960	0.2335	0.2046	0.4133
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2		0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3		0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.6552	0.3448	0.6546	0.3062	0.8683
colposcopies-c		0.7586	0.2414	0.6226	0.2281	0.7911
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.7742	0.1505	0.7559	0.6359	0.4045

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5317	0.4730	0.5244	0.0323	0.7876
comedy_comparisons1%		0.5057	0.4943	0.5034	0.0068	0.9963
comedy_comparisons10%		0.5230	0.4760	0.5330	0.0608	0.9713
connect-4		0.9477	0.0348	0.4341	0.1887	0.5150
cottonmeloidogyne		0.6490	0.3510	0.6527	0.2964	0.8581
coupon		0.6349	0.3651	0.6317	0.2627	0.8931
covid19		0.4228	0.1649	0.1788	0.0754	0.9151
covtype		0.9389	0.0175	0.8937	0.9019	0.1744
covtype10%		0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD		0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT		0.9855	0.0145	0.9442	0.8885	0.2569
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9995	0.0005	0.9307	0.8600	0.1972
creditcard_trans10%		0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced		0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn		0.9730	0.0270	0.6733	0.3464	0.5761
cybersecurity		0.1733	0.2756	0.1728	0.0071	0.8674
cyclopentane		0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands		0.6481	0.3519	0.6666	0.3151	0.8238
darwin		0.6667	0.3333	0.6866	0.3333	0.7578
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1066	0.1787	0.1068	0.0073	0.9257
day1%		0.9800	0.0206	0.9809	0.9487	0.1444
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7357	0.2643	0.6205	0.2409	0.8197
defect		0.8056	0.1944	0.6530	0.3054	0.7511
dementia		0.9300	0.0700	0.9338	0.8590	0.2514
deposit		0.8691	0.1309	0.6710	0.3415	0.6948
depressed		0.7762	0.2238	0.5858	0.1713	0.7977
dermatology		0.9189	0.0270	0.9131	0.8985	0.0722
desharnais		0.6250	0.2500	0.4037	0.2727	0.4605
dexter		0.5167	0.4833	0.5349	0.0333	0.7615
df_final		0.5625	0.2917	0.6143	0.3086	0.4783
DIA		0.8667	0.1333	0.8154	0.6279	0.5736
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k		0.9099	0.0901	0.6703	0.3328	0.6394
diabetes-risk		0.8724	0.1276	0.8035	0.6068	0.6008
diabetic		0.4528	0.3648	0.3590	0.0461	0.8058
diabetic1%		0.4412	0.3725	0.3416	0.0498	0.8113
diabetic10%		0.4361	0.3759	0.3305	0.0078	0.8181
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.8712	0.8369	0.1763
diamonds_all		0.6225	0.1510	0.5951	0.4710	0.4908
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9962	0.0038	0.4990	-0.0015	0.5201
dna1%		1.0000	0.0075	0.5163	0.0423	0.4324
dna10%		0.9979	0.0068	0.5240	0.0508	0.4662
dorothea		0.8261	0.1739	0.5354	0.0703	0.7132
dota2		0.5178	0.4822	0.5160	0.0320	0.9897
dota210%		0.5223	0.4777	0.5203	0.0406	0.9870
drebin		0.9847	0.0153	0.9836	0.9671	0.1087
dropout		0.6591	0.2272	0.5676	0.4257	0.6058

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.2713	0.2082	0.1495	-0.0006	0.8591
drug-02		0.4043	0.1702	0.2122	0.1175	0.8179
drug-03		0.5638	0.1246	0.1493	0.0768	0.6552
drug-04		0.3723	0.1793	0.2023	0.1073	0.8221
drug-05		0.5372	0.1322	0.1239	-0.0463	0.7772
drug-06		0.3032	0.1991	0.2535	0.1649	0.7541
drug-07		0.2979	0.2006	0.1122	-0.0778	0.7315
drug-08		0.4043	0.1702	0.2015	0.1052	0.8300
drug-09		0.7926	0.0593	0.1779	0.0953	0.6280
drug-10		0.4149	0.1672	0.1473	0.0728	0.7445
drug-11		0.7553	0.0699	0.1457	-0.0043	0.7645
drug-12		0.6489	0.1003	0.2320	0.0687	0.7557
drug-13		0.5000	0.1429	0.1723	0.1790	0.8201
drug-14		0.4840	0.1474	0.2543	0.1797	0.7322
drug-15		0.6436	0.1018	0.1764	0.1523	0.7572
drug-16		0.4840	0.1474	0.2202	0.2033	0.6401
drug-17		0.2606	0.2112	0.1835	0.0673	0.8363
drug-18		0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19		0.6543	0.0988	0.1798	0.1444	0.7843
drybean		0.9111	0.0254	0.9260	0.8925	0.1438
ecoli		0.8529	0.0368	0.5261	0.7942	0.1017
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU		0.8182	0.1818	0.5816	0.1538	0.6675
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2300	0.3850	0.2342	-0.0253	0.8623
eeg		0.3709	0.0786	0.3838	0.3049	0.7262
eeg-eye		0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%		0.2741	0.0907	0.2770	0.1974	0.7449
email_phishing		0.9853	0.0147	0.6896	0.3757	0.5353
eucalyptus		0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid		0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq		0.9547	0.0453	0.9560	0.9094	0.2231
exon.vs.intron-freq10%		0.8884	0.1116	0.8972	0.7786	0.3787
fakenews		0.5125	0.4875	0.5126	0.0252	0.9925
farm-ads		0.7512	0.2488	0.7778	0.5131	0.6152
fbis-wc		0.6179	0.0450	0.6056	0.5724	0.3828
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5098	0.4902	0.5031	0.0062	0.9949
financial-risk		0.6255	0.1248	0.4082	0.4052	0.5015
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.6000	0.1000	0.4483	0.4953	0.2309
fonts		0.7463	0.0031	0.6116	0.7425	0.3365
fonts10%		0.5285	0.0062	0.2718	0.5062	0.6044
forest		0.9038	0.0481	0.9003	0.8672	0.1365
gas		0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal		0.6875	0.2083	0.6898	0.5031	0.5143
gender		0.5095	0.3270	0.3952	0.0863	0.7629
gene		0.7445	0.1703	0.7437	0.6039	0.5048
german		0.6500	0.3500	0.6030	0.2045	0.8963
gestures		0.6498	0.1751	0.6753	0.5333	0.4580
gina		0.8098	0.1902	0.8122	0.6184	0.6255
gisette		0.9286	0.0714	0.9289	0.8571	0.3386
glass		0.7619	0.0794	0.8224	0.6779	0.2764
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM			0.7368	0.2632	0.7360	0.4693	0.7643
gli_85			1.0000	0.0000	1.0000	1.0000	0.0000
glioma			0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade			0.7262	0.2738	0.7142	0.4250	0.7863
green			0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage			0.6000	0.2000	0.5875	0.4611	0.4564
gsalc			0.8889	0.0370	0.9167	0.8657	0.0530
haberman			0.7000	0.3000	0.6316	0.2623	0.8380
hapt			0.9588	0.0069	0.8216	0.9513	0.0402
har			0.9954	0.0018	0.9950	0.9942	0.0137
har70			0.9207	0.0289	0.6225	0.8611	0.3489
har701%			0.8850	0.0329	0.5782	0.8338	0.3241
har7010%			0.9037	0.0275	0.6041	0.8592	0.3439
harth			0.8708	0.0197	0.6353	0.8474	0.2220
harth1%			0.8489	0.0252	0.5922	0.7951	0.2675
harth10%			0.8667	0.0222	0.6294	0.8194	0.2609
hayes-roth			0.6875	0.2083	0.7348	0.5031	0.4033
hcc-survival			0.8824	0.1176	0.8786	0.7571	0.4880
health-activity			0.6700	0.1650	0.2756	0.0523	0.5663
heart			0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack			0.8387	0.1613	0.8389	0.6764	0.5837
heart-c			0.8000	0.2000	0.8001	0.5946	0.6479
heart-failure			0.9700	0.0300	0.9651	0.9293	0.1667
heart-quantum			0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis			0.7333	0.2667	0.6779	0.3333	0.7333
hepmass			0.8177	0.1808	0.8076	0.6327	0.6275
hepmass1%			0.7733	0.2267	0.7734	0.5467	0.7119
hepmass10%			0.8075	0.1839	0.8110	0.6344	0.6377
hERG-121inputs			0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs			0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs			0.6782	0.3269	0.6698	0.3390	0.8614
higgs0.1%			0.5527	0.4473	0.5500	0.1000	0.9670
higgs1%			0.5915	0.4085	0.5888	0.1774	0.9368
higgs10%			0.6443	0.3500	0.6331	0.2877	0.8634
higher			0.2143	0.1964	0.1652	0.0610	0.4072
hinselmann			0.7000	0.3000	0.4118	-0.1538	0.8916
hitters			0.6250	0.3750	0.6335	0.2587	0.8788
hiv1-proteasa			0.8347	0.1653	0.7283	0.4539	0.6973
hiva			0.9456	0.0544	0.5276	0.0531	0.6308
horse			0.5556	0.2963	0.3923	0.1504	0.6733
hotel-reservartions			0.8534	0.1466	0.8333	0.6665	0.5820
hr			0.7474	0.2526	0.4874	-0.0252	0.7820
ht-sensor			1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%			0.9999	0.0001	0.9999	0.9998	0.0007
htru2			0.9709	0.0290	0.9109	0.8216	0.3278
hypothyroid			0.9310	0.0345	0.5292	0.5252	0.3050
hypothyroidT			0.9443	0.0557	0.7832	0.5590	0.5058
ilpd			0.6949	0.3051	0.6020	0.2003	0.8649
immuno-therapy			0.7778	0.2222	0.6786	0.3571	0.7720
instagram			0.9640	0.0180	0.9641	0.9520	0.0782
ionosphere			0.9143	0.0857	0.8990	0.7961	0.3975
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.8793	0.0093	0.8811	0.8745	0.1008

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.7585	0.2415	0.6265	0.2526	0.7951
jvowels		0.9970	0.0007	0.9970	0.9966	0.0056
kc1		0.8673	0.1327	0.7133	0.4097	0.6365
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.5714	0.0357	0.0370	0.2696	0.0285
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7692	0.2308	0.6769	0.3514	0.7685
kdc-4007		0.2743	0.1814	0.3488	0.1524	0.4160
kddcup98		0.8932	0.0901	0.4852	-0.0166	0.6466
kddcup981%		0.9579	0.0421	0.7439	0.3214	0.1201
kddcup9810%		0.9215	0.0785	0.5064	0.0121	0.6660
kddcup99		0.9865	0.0000	0.6462	1.0000	0.0033
kddcup991%		0.9988	0.0001	0.5457	0.9979	0.0014
kddcup9910%		0.9994	0.0000	0.7292	0.9990	0.0301
kepler		0.8285	0.1144	0.7707	0.7190	0.3059
kidney		0.6402	0.1439	0.1787	-0.0237	0.7985
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.5615	0.0487	0.5556	0.5105	0.4837
krvskp		0.9060	0.0940	0.9057	0.8114	0.4146
la1s-wc		0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc		0.4238	0.1921	0.4498	0.2935	0.5326
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.5882	0.0206	0.3317	0.5677	0.0757
led24		0.5500	0.0900	0.5114	0.4930	0.2136
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.9610	0.0030	0.9605	0.9594	0.0464
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8611	0.0185	0.8750	0.8509	0.0672
linkage		1.0000	0.0000	1.0000	0.9917	0.0118
linkage1%		0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%		0.9754	0.0002	0.9810	0.9769	0.0013
liver		0.6765	0.3235	0.6780	0.3392	0.7960
loan		0.8665	0.1335	0.8574	0.7148	0.5346
localization		0.7349	0.0482	0.5411	0.6693	0.5292
localization10%		0.6845	0.0574	0.4610	0.6023	0.5383
lrs		0.8302	0.0340	0.4915	0.7664	0.1458
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8500	0.0600	0.6795	0.6703	0.2274
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.5714	0.2143	0.5244	0.2500	0.3338
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8904	0.7809	0.4568
madelon		0.5577	0.4423	0.5578	0.1154	0.9617
magic04		0.8311	0.1689	0.8116	0.6216	0.6175
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7708	0.2292	0.7721	0.5423	0.7111
marketing		0.8705	0.1295	0.7521	0.5034	0.6558
maternal		0.8713	0.0858	0.8762	0.8054	0.2938
math		0.4750	0.2625	0.3788	0.2060	0.7167
mba		0.7645	0.1570	0.3781	0.1488	0.6094
mental-disorders		0.7500	0.1250	0.7703	0.6667	0.2246
mental-health		0.1833	0.3267	0.1835	-0.0219	0.8858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6174	0.3826	0.6108	0.2215	0.9143
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.9444	0.0278	0.9571	0.9227	0.0673
meter-D			0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac			0.9700	0.0060	0.9713	0.9667	0.0315
mfeat-fou			0.8300	0.0340	0.8316	0.8111	0.1279
mfeat-kar			0.9550	0.0090	0.9561	0.9500	0.0565
mfeat-mor			0.6850	0.0630	0.6868	0.6500	0.2286
mfeat-pix			0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-zer			0.8300	0.0340	0.8347	0.8111	0.1057
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5000	0.2000	0.4841	0.3717	0.4872
mobile			0.5874	0.0147	0.6058	0.5799	0.1857
monks-1			0.8000	0.2000	0.8044	0.5985	0.6311
monks-2			0.8689	0.1311	0.8589	0.7159	0.5373
monks-3			0.7500	0.2500	0.7582	0.4942	0.6877
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.3394	0.1201	0.3966	0.2236	0.6693
musk			0.9394	0.0606	0.8823	0.7643	0.4240
MUT_ci300400a_cdk_ECFP2			0.7710	0.2290	0.7669	0.5331	0.7191
MUT_ci300400a_cdk_ECFP4			0.7701	0.2299	0.7646	0.5289	0.7228
MUT_ci300400a_cdk_ECFP6			0.7557	0.2443	0.7491	0.4983	0.7466
MUT_ci300400a_cdk_ESTATE			0.7566	0.2434	0.7494	0.4989	0.7456
MUT_ci300400a_cdk_EXTENDED			0.8477	0.1523	0.8436	0.6873	0.5724
MUT_ci300400a_cdk_FCFP2			0.7892	0.2108	0.7848	0.5693	0.6889
MUT_ci300400a_cdk_FCFP4			0.7626	0.2374	0.7574	0.5146	0.7343
MUT_ci300400a_cdk_FCFP6			0.7710	0.2290	0.7704	0.5376	0.7108
MUT_ci300400a_cdk_MACCS			0.8177	0.1823	0.8128	0.6255	0.6364
MUT_ci300400a_cdk_PUBCHEM			0.8323	0.1677	0.8268	0.6534	0.6048
MUT_ci300400a_cdk_STANDARD			0.8491	0.1509	0.8441	0.6878	0.5667
MUT_ci300400a_rdkit_descriptors			0.8471	0.1529	0.8432	0.6862	0.5709
myocardial			0.8765	0.0309	0.3903	0.4723	0.4002
naticusdroid			0.8865	0.1135	0.8891	0.7729	0.4433
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA			0.9504	0.0057	0.7510	0.8596	0.6780
ncRNA1%			0.8829	0.0123	0.4744	0.6965	0.9843
ncRNA10%			0.9197	0.0084	0.6278	0.7909	0.8351
neo			0.8905	0.1095	0.6906	0.3812	0.6669
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.4160	0.0265	0.4714	0.3973	0.4102
newspop			0.5805	0.4195	0.5803	0.1603	0.9435
NHANES_age_prediction			0.9163	0.0837	0.8327	0.6595	0.4812
nomao			0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits			0.4722	0.3519	0.3799	0.1211	0.7879
nursery			0.9606	0.0157	0.7284	0.9423	0.0949
obesity			0.8341	0.0474	0.8313	0.8063	0.2124
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9942	0.0058	0.9918	0.9836	0.0668
Occupancy_Estimation			0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc			0.3861	0.1228	0.4111	0.2754	0.4704
oh10-wc			0.2381	0.1524	0.3316	0.1731	0.4946
oh15-wc			0.2391	0.1522	0.2943	0.1396	0.4861
oh5-wc			0.2527	0.1495	0.3176	0.1780	0.4568

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.2966	0.1407	0.3191	0.2128	0.6721
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.8360	0.1640	0.5990	0.1909	0.6788
opn310k10%		0.8322	0.1678	0.5964	0.1836	0.6686
opnat310k-hg16-17		0.8376	0.1624	0.6043	0.2010	0.6780
optdigits		0.9733	0.0053	0.9746	0.9703	0.0398
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr		0.9565	0.0435	0.5776	0.1349	0.5847
ozone8hr		0.8933	0.1067	0.5644	0.1261	0.6936
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7629	0.2371	0.7359	0.4718	0.7516
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants		0.9949	0.0051	0.6944	0.3821	0.5030
p53-mutants10%		0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks		0.9726	0.0110	0.8369	0.8428	0.1966
parkinson		0.9250	0.0750	0.9237	0.8462	0.3614
parkinsons		0.6398	0.3602	0.6252	0.2495	0.8884
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.8614	0.1386	0.8292	0.6583	0.5839
particle10%		0.8638	0.1362	0.8334	0.6665	0.5782
pasture		0.5000	0.3333	0.5000	0.2000	0.3750
pc1		0.9279	0.0721	0.7306	0.4612	0.6104
pcmac		0.5722	0.4278	0.5187	0.0268	0.8814
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia		0.7353	0.0756	0.6727	0.6648	0.1654
pendigits		0.9927	0.0015	0.9927	0.9919	0.0136
period		0.5556	0.4444	0.5791	0.1429	0.8628
period-10f		0.1111	0.8889	0.1000	-0.5000	0.9422
persistency		0.6880	0.3120	0.6544	0.3020	0.8426
personalities		0.9592	0.0051	0.9593	0.9564	0.0711
pet-adoption		0.8050	0.1950	0.7804	0.5607	0.6824
phishing		0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL		1.0000	0.0033	0.9824	1.0000	0.0298
PhiUSIIL10%		0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc		0.9798	0.0015	0.9872	0.9974	0.0100
phone-acc0.1%		0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%		0.7913	0.0596	0.7812	0.7561	0.2420
phone-acc10%		0.9961	0.0012	1.0000	0.9783	0.0096
phone-gyr		0.9543	0.0170	0.9508	0.9484	0.0879
phone-gyr0.1%		0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%		0.8188	0.0518	0.8082	0.7881	0.2306
phone-gyr10%		0.9745	0.0018	1.0000	1.0000	0.0127
phoneme		0.9148	0.0852	0.8930	0.7843	0.4091
phy		0.6400	0.3600	0.6400	0.2800	0.8906
pima		0.6842	0.3158	0.6560	0.2808	0.7925
pirvision		0.9987	0.0009	0.9977	0.9959	0.0038
placement		0.6990	0.3010	0.6890	0.3775	0.8275
plant-growth		0.6842	0.3158	0.6833	0.3667	0.8414
plrx		0.6667	0.3333	0.5282	0.0526	0.9011
poker		0.6341	0.0769	0.2720	0.3465	0.7131
poker1%		0.4527	0.1095	0.2057	0.0442	0.7182
poker10%		0.4630	0.1074	0.2089	0.0548	0.7083
polish-1st		0.9331	0.0669	0.5033	0.0066	0.6332
polish-2nd		0.9204	0.0796	0.5139	0.0276	0.6061
polish-3rd		0.9210	0.0790	0.5029	0.0057	0.6570

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
polish-4th		0.9133	0.0867	0.5645	0.1290	0.6535
polish-5th		0.9069	0.0931	0.6185	0.2362	0.6682
polya		0.7222	0.2778	0.6956	0.3910	0.8075
popularity		0.5453	0.3032	0.3909	0.1028	0.7491
post-operative		0.3333	0.4444	0.2276	-0.2857	0.4822
postures		0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc		0.7206	0.2794	0.7230	0.4412	0.7804
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.2727	0.0661	0.1284	0.1935	0.2746
processed		0.9099	0.0901	0.8965	0.7930	0.4302
profb		0.6418	0.3582	0.6130	0.2239	0.8794
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate		0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE		1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio		0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%		0.9819	0.0072	0.9689	0.9757	0.0493
pufs-128		0.5020	0.4998	0.5003	-0.0034	1.0000
pufs-1281%		0.4962	0.5038	0.4962	-0.0077	1.0000
pufs-12810%		0.4969	0.4916	0.4990	0.0007	1.0000
pufs-64		0.5088	0.4993	0.5026	0.0055	0.9991
pufs-641%		0.5088	0.4913	0.5087	0.0175	0.9950
pufs-6410%		0.5060	0.4940	0.5060	0.0120	0.9966
pulsar		0.9713	0.0287	0.9159	0.8316	0.3521
raisin		0.8556	0.1444	0.8563	0.7111	0.5413
rcv1		0.2397	0.0435	0.0178	-0.0102	0.2871
rcv11%		0.4056	0.0224	0.1564	0.2553	0.3790
rcv110%		0.5518	0.0166	0.3007	0.4822	0.5939
re0-wc		0.6067	0.0605	0.5843	0.4991	0.4857
re1-wc		0.5181	0.0386	0.4769	0.4426	0.3909
rejafada		0.9548	0.0452	0.6889	0.3766	0.5971
relathe		1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578		0.6277	0.0115	0.2558	0.4256	0.3725
rice		0.9813	0.0187	0.9811	0.9622	0.1244
rnaseq		1.0000	0.0000	1.0000	1.0000	0.0000
rocket		0.5617	0.4383	0.5524	0.1044	0.9541
RT_IOT2022		0.9981	0.0003	0.9764	0.9951	0.0037
satimage		0.9098	0.0301	0.8990	0.8890	0.1551
satimageF		0.9876	0.0124	0.9684	0.9367	0.1925
satimageT		0.9393	0.0607	0.8366	0.6730	0.5142
scadi		0.7143	0.0816	0.3896	0.6111	0.0825
schiller		0.7778	0.2222	0.6786	0.3571	0.7720
schizo		0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis		0.8519	0.1481	0.8708	0.7097	0.4011
secom		0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
seeds		0.9524	0.0317	0.9553	0.9286	0.0868
segment		0.9437	0.0161	0.9494	0.9342	0.0732
segmentation		0.8218	0.1782	0.8100	0.6186	0.6382
segmentO		0.9957	0.0043	0.9916	0.9830	0.0885
seismic		0.8953	0.1047	0.5630	0.1260	0.6775
semeion		1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram		0.7895	0.2105	0.5147	0.0294	0.7847
sens-10-gram		0.8058	0.1942	0.5518	0.1029	0.7773
sens-2-gram		0.8079	0.1921	0.5688	0.1374	0.7671
sens-3-gram		0.8000	0.2000	0.5549	0.1097	0.7712
sens-4-gram		0.7447	0.2553	0.5477	0.0912	0.7360
sens-5-gram		0.7553	0.2447	0.4945	-0.0109	0.7713
sens-6-gram		0.7789	0.2211	0.5617	0.1221	0.7555

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.7632	0.2368	0.5374	0.0737	0.7570
sens-8-gram			0.7789	0.2211	0.5546	0.1084	0.7595
sens-9-gram			0.7737	0.2263	0.5512	0.1012	0.7576
sensorless			0.8304	0.0308	0.8312	0.8135	0.1901
sepsis			0.8600	0.1400	0.5213	0.0418	0.7297
shoppers			0.8483	0.1517	0.6934	0.3852	0.7031
shuttle			0.9993	0.0002	0.9040	0.9981	0.1298
sick			0.9469	0.0530	0.7550	0.4968	0.5125
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin			0.9998	0.0002	0.9998	0.9995	0.0032
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.8080	0.1920	0.8082	0.6152	0.6451
smart-farming			0.1400	0.4300	0.1412	-0.1461	0.9004
smk_can_187			0.6842	0.3158	0.6833	0.3667	0.8414
smoking			0.7913	0.2087	0.7747	0.5493	0.6969
soil_pollution			0.1933	0.3227	0.1923	-0.0087	0.8772
solar-flare			0.7482	0.0839	0.6477	0.6803	0.2561
sonar			0.8000	0.2000	0.8276	0.6000	0.4308
soybean			0.9559	0.0046	0.9835	0.9516	0.0339
spam-detection			0.9430	0.0570	0.8303	0.6605	0.5119
spambase			0.8935	0.1065	0.8885	0.7770	0.4601
spect			0.6667	0.3333	0.5452	0.0899	0.8578
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.4340	0.0236	0.2139	0.4038	0.1407
splice-EI			0.8612	0.1388	0.8322	0.6577	0.5855
splice-IE			0.8391	0.1609	0.7917	0.5798	0.6479
sport-articles			0.8200	0.1800	0.8069	0.6139	0.6416
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.4000	0.4000	0.2222	-0.0714	0.4316
startup			0.7634	0.2366	0.7356	0.4688	0.7453
steel_industry			0.8593	0.0938	0.8243	0.7713	0.3023
steel-b			0.8462	0.1538	0.7769	0.5528	0.6568
steel-d			0.9846	0.0154	0.8820	0.7613	0.4382
steel-k			0.9897	0.0103	0.9843	0.9685	0.1057
steel-o			0.8154	0.1846	0.7943	0.5879	0.6550
steel-p			0.9385	0.0615	0.7734	0.5390	0.5226
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9192	0.8247	0.4176
stellar			0.8939	0.0707	0.8793	0.8087	0.2974
stock			0.8681	0.1319	0.7467	0.4016	0.4178
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.7680	0.2320	0.7653	0.5305	0.7234
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5150	0.1940	0.3614	0.2416	0.6667
student-depression			0.6864	0.3136	0.6730	0.3448	0.8437
student-habits			0.3300	0.2680	0.2519	0.0834	0.8069
student-weekend			0.2462	0.3015	0.1914	-0.0189	0.8193
student-workday			0.6562	0.1375	0.2180	0.1549	0.4716
studentap			0.4615	0.3590	0.4388	0.1875	0.5596
susy			0.7127	0.2771	0.7100	0.4394	0.8131
susy1%			0.7092	0.2908	0.7061	0.4114	0.8095
susy10%			0.7118	0.2868	0.7255	0.4200	0.8062
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5333	0.3000	0.5691
telco-churn			0.8224	0.1776	0.7649	0.5280	0.6736
texture			0.9800	0.0036	0.9810	0.9779	0.0290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.9771	0.0229	0.9768	0.9531	0.1496
thoracic			0.5957	0.4043	0.3733	-0.2317	0.7381
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7292	0.2708	0.4217	-0.0443	0.7051
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.6909	0.3091	0.6655	0.3276	0.8294
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.7059	0.1471	0.7208	0.6101	0.2469
toxicity			0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f			0.6471	0.3529	0.6136	0.2273	0.8920
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.5733	0.4267	0.4364	-0.1268	0.9076
trec11-wc			0.3659	0.1409	0.4942	0.3046	0.3069
trec12-wc			0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc			0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc			0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc			0.6022	0.1137	0.4442	0.4655	0.3375
trec41-wc			0.4886	0.1023	0.5556	0.4198	0.3356
trec45-wc			0.4203	0.1159	0.4711	0.2741	0.3280
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.6750	0.1625	0.6783	0.5667	0.3341
tvnews			0.9437	0.0563	0.9391	0.8768	0.2763
tvnews1%			0.8846	0.1154	0.8748	0.7468	0.4714
tvnews10%			0.8651	0.1349	0.8541	0.7079	0.5394
ur3_cobotops_grip			0.9673	0.0327	0.7310	0.4614	0.5554
ur3_cobotops_stop			0.9701	0.0299	0.7735	0.5446	0.5073
urban			0.6716	0.0730	0.6936	0.6184	0.2914
urinalysis			0.9161	0.0839	0.5508	0.0997	0.6664
url-rep1%			0.7348	0.2619	0.7001	0.2606	0.4858
ustilago			0.9178	0.0725	0.5496	0.0469	0.2380
ustilago1%			0.9560	0.0440	0.4888	-0.0154	0.3202
ustilago10%			0.9409	0.0591	0.5254	0.0295	0.2890
vehicle			0.7262	0.1369	0.6661	0.6291	0.2324
vehicleVAN			0.9762	0.0238	0.9701	0.9385	0.2027
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17			0.9068	0.0932	0.6337	0.2250	0.5956
wap-wc			0.3846	0.0615	0.2776	0.3190	0.3477
warpar10p			0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.9342	0.0162	0.9445	0.9210	0.0905
watch-acc1%			0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%			0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr			0.9237	0.0256	0.8935	0.8824	0.1403
watch-gyr1%			0.7380	0.0749	0.7369	0.6941	0.3240
watch-gyr10%			0.8311	0.0483	0.8300	0.8027	0.2263
water_pollution			0.2533	0.3733	0.2534	0.0036	0.8633
waveform			0.6660	0.2227	0.6669	0.4987	0.5918
weather-related			0.9712	0.0052	0.9738	0.9673	0.0480
web-phishing			0.8741	0.0840	0.7965	0.7753	0.3911
Weekly			0.8704	0.1296	0.8685	0.7364	0.5111
weight-lift			0.9934	0.0027	0.9931	0.9916	0.0203
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9689	0.0311	0.8324	0.6645	0.4687
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white			0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg			0.9884	0.0029	0.9913	0.9895	0.0358
winnipeg10%			0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5203	0.0959	0.3344	0.3881	0.4601
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9324	0.0676	0.4825	-0.0292	0.6521
zip			0.9591	0.0082	0.9546	0.9542	0.0668

Table 3: Detailed results for 1-NN(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1253	0.0595	0.0708	0.0490	0.6523
abalone19		0.9856	0.0144	0.4964	-0.0072	0.5293
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9744	0.0256	0.6462	0.2920	0.5762
accident		0.4500	0.5500	0.4497	-0.1000	1.0000
ads		0.9543	0.0457	0.9061	0.8121	0.3831
adult		0.8051	0.1949	0.7293	0.4586	0.7233
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8016	0.1984	0.4830	-0.0328	0.6707
AID_1431_KlekotaRothFingerprinter		0.8651	0.1349	0.5587	0.1171	0.7128
AID_1431_MACCSFingerprinter		0.8095	0.1905	0.4474	-0.1045	0.6901
AID_1878		0.7810	0.2190	0.6527	0.3038	0.7668
AID_602330		0.9219	0.0781	0.5386	0.0769	0.6207
AID_652128		0.8182	0.1212	0.4125	0.0660	0.6100
AID1284Morered		0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red		0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered		0.8835	0.1165	0.5402	0.0804	0.6801
AID1608red		0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red		0.9836	0.0164	0.6183	0.2149	0.5259
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9985	0.0015	0.5912	0.1811	0.5354
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9930	0.0070	0.4982	-0.0034	0.4755
AID604		0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed		0.9980	0.0020	0.4995	-0.0010	0.5055
AID644Morered		0.6000	0.4000	0.6094	0.2000	0.8294
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9991	0.0009	0.4998	-0.0004	0.5319
AID687red		0.9961	0.0039	0.4990	-0.0014	0.5024
AID688red		0.9846	0.0154	0.4961	-0.0075	0.5641
AID721morered		0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9985	0.0015	0.5912	0.1811	0.5354
AID746red		0.9911	0.0089	0.6027	0.2045	0.5517
aids		0.7887	0.2113	0.6909	0.3746	0.7465
air_pollution		0.2167	0.2238	0.1124	-0.0223	0.9085
air-booking		0.7894	0.2106	0.5877	0.1755	0.7776
airline		0.9190	0.0810	0.9175	0.8345	0.3728
alcohol		0.8762	0.0495	0.7909	0.7364	0.2497
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6837	0.3163	0.6442	0.2868	0.8586
anneal		0.9888	0.0045	0.9858	0.9759	0.0146
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus		0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species		0.9861	0.0028	0.9743	0.9807	0.0592
anxiety		0.0833	0.2037	0.0812	-0.0312	0.8421
apple-quality		0.8550	0.1450	0.8552	0.7100	0.5477
aps-failure		0.9900	0.0100	0.8457	0.6860	0.3560
arabidopsis		0.9599	0.0153	0.5625	0.1164	0.5298
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.6782	0.3218	0.5129	0.0025	0.0723
arabidopsis10%		0.9875	0.0125	0.5353	0.0682	0.5612

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia		0.5333	0.0718	0.2784	0.2216	0.4101
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult		0.8714	0.1286	0.8470	0.6903	0.5586
autism-child		0.6897	0.3103	0.6905	0.3800	0.8315
autos		0.8000	0.0667	0.6553	0.7324	0.1641
avila		0.7652	0.0391	0.7763	0.6938	0.3689
babies		0.3145	0.1959	0.1628	0.0120	0.7019
balance		0.8226	0.1183	0.5920	0.6854	0.4531
bank		0.8713	0.1287	0.6615	0.3219	0.6957
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8318	0.1682	0.8176	0.6352	0.6193
basehock		0.8040	0.1960	0.8157	0.6075	0.5740
bio		0.9970	0.0030	0.9116	0.8225	0.2731
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.8571	0.1429	0.8494	0.6986	0.5580
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9757	0.0017	0.0750	0.1763	1.0000
bitcoin1%		0.9708	0.0020	0.0366	0.0360	0.4251
bitcoin10%		0.9740	0.0018	0.0553	0.1118	0.7686
body-perf		0.5612	0.2194	0.5658	0.4149	0.5790
bookings		0.9403	0.0398	0.7399	0.8741	0.3342
brain-tumor		0.4950	0.5050	0.4950	-0.0100	1.0000
breast-cancer		0.6429	0.3571	0.5944	0.1860	0.8702
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.5000	0.1429	0.4685	0.3590	0.2261
bub10at310k-hg16-17		0.8641	0.1359	0.6034	0.2066	0.7015
bub12at310k-hg16-17		0.8741	0.1259	0.6209	0.2418	0.6971
bub8at310k-hg16-17		0.8548	0.1452	0.6171	0.2304	0.6879
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae		0.4350	0.3767	0.3349	0.0174	0.8109
car		0.9310	0.0345	0.9073	0.8591	0.2477
car-insurance		0.7660	0.2340	0.7334	0.4661	0.7502
card		0.7681	0.2319	0.7603	0.5196	0.7249
cardiotocography		0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp		0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular		0.6156	0.3844	0.6157	0.2311	0.9140
cargo2k		0.9695	0.0203	0.9695	0.9543	0.0980
cars		0.7000	0.2000	0.6194	0.4299	0.5035
cas_N6512_cdk_ECFP2		0.7143	0.2857	0.7135	0.4267	0.8018
cas_N6512_rdkit_ATOMPAIR		0.7292	0.2708	0.7267	0.4518	0.7795
cas_N6512_RDkit_AtomPair_FP		0.7408	0.2592	0.7385	0.4762	0.7638
cas_N6512_rdkit_AVALON		0.7865	0.2135	0.7857	0.5713	0.6897
cas_N6512_RDkit_Avalon_FP		0.7761	0.2239	0.7765	0.5518	0.7045
cas_N6512_rdkit_descriptors		0.7908	0.2092	0.7900	0.5798	0.6822
cas_N6512_rdkit_FEATMORGAN		0.7235	0.2765	0.7221	0.4441	0.7902
cas_N6512_RDkit_Featmorgan_FP		0.7285	0.2715	0.7278	0.4553	0.7821
cas_N6512_RDkit_FP		0.7837	0.2163	0.7823	0.5646	0.6953
cas_N6512_rdkit_LAYERED		0.7708	0.2292	0.7709	0.5409	0.7145
cas_N6512_RDkit_Layered_FP		0.7546	0.2454	0.7526	0.5049	0.7434

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7711	0.2289	0.7691	0.5373	0.7149
cas_N6512_RDkit_MACCS_FP		0.7653	0.2347	0.7659	0.5305	0.7223
cas_N6512_rdkit_MORGAN		0.7138	0.2862	0.7144	0.4276	0.7994
cas_N6512_RDkit_morgan_FP		0.7270	0.2730	0.7260	0.4518	0.7847
cas_N6512_rdkit_PATTERN		0.7523	0.2477	0.7518	0.5032	0.7460
cas_N6512_RDkit_pattern_FP		0.7561	0.2439	0.7556	0.5109	0.7400
cas_N6512_rdkit_RDKITFP		0.7865	0.2135	0.7858	0.5714	0.6896
cas_N6512_rdkit_TORSION		0.7215	0.2785	0.7189	0.4369	0.7918
ccds		0.9636	0.0364	0.6887	0.3134	0.4304
ccds1%		0.9451	0.0549	0.6286	0.2571	0.6181
ccds10%		0.9235	0.0765	0.5657	0.1282	0.5966
cdc_diabetes		0.7785	0.1476	0.4010	0.1778	0.6604
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7650	0.2218	0.7811	0.5245	0.6977
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9435	0.0565	0.6980	0.3931	0.6070
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9291	0.0709	0.5947	0.1888	0.6438
CDS49_AID687_Rdkit-ecfp4-fp		0.9943	0.0057	0.4986	-0.0028	0.4683
census		0.9240	0.0760	0.6702	0.3400	0.6370
census10%		0.9144	0.0856	0.6116	0.2232	0.6573
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7589	0.5147	0.5542
cervical-C		0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia		0.4878	0.2561	0.4158	0.2298	0.6640
chrom19		0.9996	0.0004	0.9043	0.8083	0.3450
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9989	0.0011	0.8015	0.5904	0.5216
chrom21		1.0000	0.0002	0.6757	0.1435	0.1796
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.8855	0.1145	0.5892	0.1782	0.6915
churn		0.7870	0.2130	0.6655	0.3307	0.7706
churn-bigml		0.8390	0.1610	0.6377	0.2690	0.7312
ci900367j_MACCS		0.7263	0.2737	0.7203	0.4368	0.7800
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6667	0.2222	0.4583	0.3664	0.6925
cjs		0.9857	0.0048	0.9859	0.9826	0.0298
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.6806	0.1597	0.4912	0.5106	0.5994
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.6970	0.3902	0.6445
cmc		0.4830	0.3447	0.4681	0.2077	0.7647
cnae-9		0.8426	0.0350	0.8454	0.8229	0.1416
codon_usage		0.9233	0.0140	0.8203	0.9070	0.1616
coil20		0.9861	0.0014	0.9866	0.9854	0.0097
college		0.9091	0.0909	0.8839	0.7674	0.4467
collins		0.2800	0.0960	0.2335	0.2046	0.4133
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2		0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3		0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.6552	0.3448	0.6546	0.3062	0.8683
colposcopies-c		0.7586	0.2414	0.6226	0.2281	0.7911
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.7742	0.1505	0.7559	0.6359	0.4045

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5245	0.4699	0.5389	0.0318	0.7742
comedy_comparisons1%		0.5004	0.4996	0.4981	-0.0037	0.9993
comedy_comparisons10%		0.5302	0.4698	0.5299	0.0598	0.9815
connect-4		0.9477	0.0348	0.4341	0.1887	0.5150
cottonmeloidogyne		0.6514	0.3486	0.6547	0.3013	0.8581
coupon		0.6356	0.3644	0.6326	0.2644	0.8922
covid19		0.4174	0.1665	0.1802	0.0765	0.9197
covtype		0.9389	0.0175	0.8937	0.9019	0.1744
covtype10%		0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD		0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT		0.9855	0.0145	0.9442	0.8885	0.2569
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9995	0.0005	0.9307	0.8600	0.1972
creditcard_trans10%		0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced		0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn		0.9730	0.0270	0.6733	0.3464	0.5761
cybersecurity		0.1733	0.2756	0.1728	0.0071	0.8674
cyclopentane		0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands		0.6481	0.3519	0.6666	0.3151	0.8238
darwin		0.6667	0.3333	0.6866	0.3333	0.7578
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1066	0.1787	0.1068	0.0073	0.9257
day1%		0.7133	0.2867	0.6979	0.2445	0.4841
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7347	0.2653	0.6193	0.2384	0.8205
defect		0.8056	0.1944	0.6530	0.3054	0.7511
dementia		0.9300	0.0700	0.9338	0.8590	0.2514
deposit		0.8691	0.1309	0.6710	0.3415	0.6948
depressed		0.7762	0.2238	0.5858	0.1713	0.7977
dermatology		0.9189	0.0270	0.9131	0.8985	0.0722
desharnais		0.6250	0.2500	0.4037	0.2727	0.4605
dexter		0.5167	0.4833	0.5349	0.0333	0.7615
df_final		0.5625	0.2917	0.6143	0.3086	0.4783
DIA		0.8833	0.1167	0.8370	0.6667	0.5049
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k		0.9099	0.0901	0.6703	0.3328	0.6394
diabetes-risk		0.8724	0.1276	0.8035	0.6068	0.6008
diabetic		0.4528	0.3648	0.3590	0.0461	0.8058
diabetic1%		0.4412	0.3725	0.3416	0.0498	0.8113
diabetic10%		0.4361	0.3759	0.3305	0.0078	0.8181
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.8712	0.8369	0.1763
diamonds_all		0.6225	0.1510	0.5951	0.4710	0.4908
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9962	0.0038	0.4990	-0.0015	0.5201
dna1%		0.9955	0.0045	0.5081	0.0155	0.5433
dna10%		0.9797	0.0068	0.5304	0.0504	0.4612
dorothea		0.8261	0.1739	0.5354	0.0703	0.7132
dota2		0.5178	0.4822	0.5160	0.0320	0.9897
dota210%		0.5223	0.4777	0.5203	0.0406	0.9870
drebin		0.9847	0.0153	0.9836	0.9671	0.1087
dropout		0.6591	0.2272	0.5676	0.4257	0.6058

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.2713	0.2082	0.1495	-0.0006	0.8591
drug-02		0.4043	0.1702	0.2122	0.1175	0.8179
drug-03		0.5638	0.1246	0.1493	0.0768	0.6552
drug-04		0.3723	0.1793	0.2023	0.1073	0.8221
drug-05		0.5372	0.1322	0.1239	-0.0463	0.7772
drug-06		0.3032	0.1991	0.2535	0.1649	0.7541
drug-07		0.2979	0.2006	0.1122	-0.0778	0.7315
drug-08		0.4043	0.1702	0.2015	0.1052	0.8300
drug-09		0.7926	0.0593	0.1779	0.0953	0.6280
drug-10		0.4149	0.1672	0.1473	0.0728	0.7445
drug-11		0.7553	0.0699	0.1457	-0.0043	0.7645
drug-12		0.6489	0.1003	0.2320	0.0687	0.7557
drug-13		0.5000	0.1429	0.1723	0.1790	0.8201
drug-14		0.4840	0.1474	0.2543	0.1797	0.7322
drug-15		0.6436	0.1018	0.1764	0.1523	0.7572
drug-16		0.4840	0.1474	0.2202	0.2033	0.6401
drug-17		0.2606	0.2112	0.1835	0.0673	0.8363
drug-18		0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19		0.6543	0.0988	0.1798	0.1444	0.7843
drybean		0.9111	0.0254	0.9260	0.8925	0.1438
ecoli		0.8529	0.0368	0.5261	0.7942	0.1017
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU		0.8182	0.1818	0.5816	0.1538	0.6675
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2300	0.3850	0.2342	-0.0253	0.8623
eeg		0.3709	0.0786	0.3838	0.3049	0.7262
eeg-eye		0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%		0.2741	0.0907	0.2770	0.1974	0.7449
email_phishing		0.9858	0.0142	0.6956	0.3864	0.5273
eucalyptus		0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid		0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq		0.9547	0.0453	0.9560	0.9094	0.2231
exon.vs.intron-freq10%		0.8884	0.1116	0.8972	0.7786	0.3787
fakenews		0.5125	0.4875	0.5126	0.0252	0.9925
farm-ads		0.7536	0.2464	0.7797	0.5176	0.6133
fbis-wc		0.6179	0.0450	0.6056	0.5724	0.3828
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5098	0.4902	0.5031	0.0062	0.9949
financial-risk		0.6255	0.1248	0.4082	0.4052	0.5015
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.6000	0.1000	0.4483	0.4953	0.2309
fonts		0.7611	0.0031	0.6013	0.7502	0.3362
fonts10%		0.5283	0.0062	0.2723	0.5061	0.6044
forest		0.9038	0.0481	0.9003	0.8672	0.1365
gas		0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal		0.6875	0.2083	0.6898	0.5031	0.5143
gender		0.5095	0.3270	0.3952	0.0863	0.7629
gene		0.7445	0.1703	0.7437	0.6039	0.5048
german		0.6500	0.3500	0.6030	0.2045	0.8963
gestures		0.6498	0.1751	0.6753	0.5333	0.4580
gina		0.8098	0.1902	0.8122	0.6184	0.6255
gisette		0.9286	0.0714	0.9289	0.8571	0.3386
glass		0.7619	0.0794	0.8224	0.6779	0.2764
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM			0.7368	0.2632	0.7360	0.4693	0.7643
gli_85			1.0000	0.0000	1.0000	1.0000	0.0000
glioma			0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade			0.7262	0.2738	0.7142	0.4250	0.7863
green			0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage			0.6000	0.2000	0.5875	0.4611	0.4564
gsalc			0.8889	0.0370	0.9167	0.8657	0.0530
haberman			0.6667	0.3333	0.6067	0.2105	0.8514
hapt			0.9588	0.0069	0.8216	0.9513	0.0402
har			0.9954	0.0018	0.9950	0.9942	0.0137
har70			0.9144	0.0245	0.6567	0.8750	0.3279
har701%			0.8850	0.0329	0.5782	0.8338	0.3241
har7010%			0.9037	0.0275	0.6041	0.8592	0.3439
harth			0.8787	0.0202	0.6520	0.8357	0.2443
harth1%			0.8489	0.0252	0.5922	0.7951	0.2675
harth10%			0.8667	0.0222	0.6294	0.8194	0.2609
hayes-roth			0.6875	0.2083	0.7253	0.5000	0.4011
hcc-survival			0.8824	0.1176	0.8786	0.7571	0.4880
health-activity			0.6700	0.1650	0.2756	0.0523	0.5663
heart			0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack			0.8387	0.1613	0.8389	0.6764	0.5837
heart-c			0.8000	0.2000	0.8001	0.5946	0.6479
heart-failure			0.9700	0.0300	0.9651	0.9293	0.1667
heart-quantum			0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis			0.7333	0.2667	0.6779	0.3333	0.7333
hepmass			0.8022	0.1978	0.8023	0.6043	0.6596
hepmass1%			0.7733	0.2267	0.7734	0.5467	0.7119
hepmass10%			0.7872	0.2128	0.7872	0.5744	0.6877
hERG-121inputs			0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs			0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs			0.6643	0.3329	0.6619	0.3369	0.8622
higgs0.1%			0.5527	0.4473	0.5500	0.1000	0.9670
higgs1%			0.5915	0.4085	0.5888	0.1774	0.9368
higgs10%			0.6213	0.3787	0.6193	0.2385	0.9098
higher			0.2143	0.1964	0.1652	0.0610	0.4072
hinselmann			0.7000	0.3000	0.4118	-0.1538	0.8916
hitters			0.6250	0.3750	0.6335	0.2587	0.8788
hiv1-proteasa			0.8347	0.1653	0.7283	0.4539	0.6973
hiva			0.9456	0.0544	0.5276	0.0531	0.6308
horse			0.5556	0.2963	0.3923	0.1504	0.6733
hotel-reservartions			0.8539	0.1461	0.8339	0.6678	0.5807
hr			0.7474	0.2526	0.4874	-0.0252	0.7820
ht-sensor			1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%			0.9999	0.0001	0.9999	0.9998	0.0007
htru2			0.9709	0.0290	0.9109	0.8216	0.3278
hypothyroid			0.9310	0.0345	0.5292	0.5252	0.3050
hypothyroidT			0.9443	0.0557	0.7832	0.5590	0.5058
ilpd			0.6949	0.3051	0.6020	0.2003	0.8649
immuno-therapy			0.7778	0.2222	0.6786	0.3571	0.7720
instagram			0.9640	0.0180	0.9641	0.9520	0.0782
ionosphere			0.9143	0.0857	0.8990	0.7961	0.3975
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.8793	0.0093	0.8811	0.8745	0.1008

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.7658	0.2342	0.6326	0.2651	0.7914
jvowels		0.9970	0.0007	0.9970	0.9966	0.0056
kc1		0.8626	0.1374	0.7053	0.3973	0.6561
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.5714	0.0357	0.0370	0.2696	0.0285
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7692	0.2308	0.6769	0.3514	0.7685
kdc-4007		0.2743	0.1814	0.3488	0.1524	0.4160
kddcup98		0.8820	0.0913	0.4845	-0.0165	0.6372
kddcup981%		0.9579	0.0421	0.7439	0.3214	0.1201
kddcup9810%		0.9215	0.0785	0.5064	0.0121	0.6660
kddcup99		0.9989	0.0000	0.6476	1.0000	0.0032
kddcup991%		0.9988	0.0001	0.5457	0.9979	0.0014
kddcup9910%		0.9994	0.0000	0.7292	0.9990	0.0303
kepler		0.8285	0.1144	0.7707	0.7190	0.3059
kidney		0.6402	0.1439	0.1787	-0.0237	0.7985
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.5640	0.0484	0.5531	0.5128	0.4682
krvskp		0.9060	0.0940	0.9057	0.8114	0.4146
la1s-wc		0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc		0.4238	0.1921	0.4498	0.2935	0.5326
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.5882	0.0206	0.3317	0.5677	0.0757
led24		0.5500	0.0900	0.5114	0.4930	0.2136
lenses		0.3333	0.4444	0.2222	0.0000	0.3451
letter		0.9610	0.0030	0.9605	0.9594	0.0464
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8611	0.0185	0.8750	0.8509	0.0672
linkage		1.0000	0.0000	0.9989	0.9978	0.0076
linkage1%		0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%		1.0000	0.0000	0.9976	0.9952	0.0209
liver		0.6765	0.3235	0.6780	0.3392	0.7960
loan		0.8665	0.1335	0.8574	0.7148	0.5346
localization		0.7349	0.0482	0.5411	0.6693	0.5292
localization10%		0.6845	0.0574	0.4610	0.6023	0.5383
lrs		0.8302	0.0340	0.4915	0.7664	0.1458
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8500	0.0600	0.6795	0.6703	0.2274
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6582	0.3077	0.8482
lymphography		0.5714	0.2143	0.5244	0.2500	0.3338
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8904	0.7809	0.4568
madelon		0.5577	0.4423	0.5578	0.1154	0.9617
magic04		0.8311	0.1689	0.8116	0.6216	0.6175
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7188	0.2812	0.7192	0.4375	0.7936
marketing		0.8705	0.1295	0.7521	0.5034	0.6558
maternal		0.8614	0.0924	0.8645	0.7898	0.3273
math		0.4750	0.2625	0.3788	0.2060	0.7167
mba		0.7613	0.1591	0.3764	0.1440	0.6095
mental-disorders		0.7500	0.1250	0.7703	0.6667	0.2246
mental-health		0.1833	0.3267	0.1835	-0.0219	0.8858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6174	0.3826	0.6108	0.2215	0.9143
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.9444	0.0278	0.9571	0.9227	0.0673
meter-D			0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac			0.9700	0.0060	0.9713	0.9667	0.0315
mfeat-fou			0.8300	0.0340	0.8316	0.8111	0.1279
mfeat-kar			0.9550	0.0090	0.9561	0.9500	0.0565
mfeat-mor			0.6900	0.0620	0.6919	0.6556	0.2284
mfeat-pix			0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-zer			0.8300	0.0340	0.8347	0.8111	0.1057
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5000	0.2000	0.4841	0.3717	0.4872
mobile			0.5874	0.0147	0.6058	0.5799	0.1857
monks-1			0.7818	0.2182	0.7842	0.5623	0.6791
monks-2			0.8197	0.1803	0.7982	0.5960	0.6483
monks-3			0.6607	0.3393	0.6599	0.3179	0.8648
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.3417	0.1197	0.3995	0.2276	0.6659
musk			0.9394	0.0606	0.8823	0.7643	0.4240
MUT_ci300400a_cdk_ECFP2			0.7710	0.2290	0.7669	0.5331	0.7191
MUT_ci300400a_cdk_ECFP4			0.7713	0.2287	0.7657	0.5312	0.7209
MUT_ci300400a_cdk_ECFP6			0.7557	0.2443	0.7491	0.4983	0.7466
MUT_ci300400a_cdk_ESTATE			0.7638	0.2362	0.7568	0.5137	0.7340
MUT_ci300400a_cdk_EXTENDED			0.8489	0.1511	0.8448	0.6896	0.5697
MUT_ci300400a_cdk_FCFP2			0.7713	0.2287	0.7671	0.5335	0.7187
MUT_ci300400a_cdk_FCFP4			0.7530	0.2470	0.7476	0.4950	0.7494
MUT_ci300400a_cdk_FCFP6			0.7710	0.2290	0.7704	0.5376	0.7108
MUT_ci300400a_cdk_MACCS			0.8165	0.1835	0.8108	0.6214	0.6382
MUT_ci300400a_cdk_PUBCHEM			0.8335	0.1665	0.8280	0.6557	0.6020
MUT_ci300400a_cdk_STANDARD			0.8467	0.1533	0.8417	0.6831	0.5728
MUT_ci300400a_rdkit_descriptors			0.8471	0.1529	0.8432	0.6862	0.5709
myocardial			0.8765	0.0309	0.3903	0.4723	0.4002
naticusdroid			0.9628	0.0372	0.9628	0.9257	0.2136
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA			0.9488	0.0054	0.7677	0.8668	0.6139
ncRNA1%			0.8829	0.0123	0.4744	0.6965	0.9843
ncRNA10%			0.9198	0.0084	0.6281	0.7910	0.8350
neo			0.8905	0.1095	0.6906	0.3812	0.6669
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.4160	0.0265	0.4714	0.3973	0.4102
newspop			0.5805	0.4195	0.5803	0.1603	0.9435
NHANES_age_prediction			0.9163	0.0837	0.8327	0.6595	0.4812
nomao			0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits			0.4583	0.3611	0.3833	0.1074	0.7842
nursery			0.9568	0.0173	0.7286	0.9366	0.0974
obesity			0.8341	0.0474	0.8313	0.8063	0.2124
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9942	0.0058	0.9918	0.9836	0.0668
Occupancy_Estimation			0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc			0.3861	0.1228	0.4111	0.2754	0.4704
oh10-wc			0.2381	0.1524	0.3316	0.1731	0.4946
oh15-wc			0.2391	0.1522	0.2943	0.1396	0.4861
oh5-wc			0.2527	0.1495	0.3176	0.1780	0.4568

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.2966	0.1407	0.3191	0.2128	0.6721
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.8360	0.1640	0.5990	0.1909	0.6788
opn310k10%		0.8322	0.1678	0.5964	0.1836	0.6686
opnat310k-hg16-17		0.8376	0.1624	0.6043	0.2010	0.6780
optdigits		0.9733	0.0053	0.9746	0.9703	0.0398
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr		0.9565	0.0435	0.5776	0.1349	0.5847
ozone8hr		0.8933	0.1067	0.5644	0.1261	0.6936
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7629	0.2371	0.7359	0.4718	0.7516
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants		0.9949	0.0051	0.6944	0.3821	0.5030
p53-mutants10%		0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks		0.9726	0.0110	0.8369	0.8428	0.1966
parkinson		0.9250	0.0750	0.9237	0.8462	0.3614
parkinsons		0.6398	0.3602	0.6252	0.2495	0.8884
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.8614	0.1386	0.8292	0.6583	0.5839
particle10%		0.8638	0.1362	0.8334	0.6665	0.5782
pasture		0.5000	0.3333	0.5000	0.2000	0.3750
pc1		0.9279	0.0721	0.7306	0.4612	0.6104
pcmac		0.5722	0.4278	0.5187	0.0268	0.8814
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia		0.7353	0.0756	0.6727	0.6648	0.1654
pendigits		0.9927	0.0015	0.9927	0.9919	0.0136
period		0.5556	0.4444	0.5791	0.1429	0.8628
period-10f		0.1111	0.8889	0.1000	-0.5000	0.9422
persistency		0.6880	0.3120	0.6544	0.3020	0.8426
personalities		0.9592	0.0051	0.9593	0.9564	0.0711
pet-adoption		0.8050	0.1950	0.7804	0.5607	0.6824
phishing		0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL		0.9968	0.0032	0.9967	0.9934	0.0294
PhiUSIIL10%		0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc		0.9901	0.0015	0.9924	0.9990	0.0101
phone-acc0.1%		0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%		0.7913	0.0596	0.7812	0.7561	0.2420
phone-acc10%		0.8489	0.0432	0.8404	0.8234	0.1806
phone-gyr		0.9414	0.0167	0.9369	0.9315	0.0884
phone-gyr0.1%		0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%		0.8188	0.0518	0.8082	0.7881	0.2306
phone-gyr10%		0.8886	0.0318	0.8813	0.8698	0.1517
phoneme		0.9148	0.0852	0.8930	0.7843	0.4091
phy		0.6400	0.3600	0.6400	0.2800	0.8906
pima		0.6842	0.3158	0.6560	0.2808	0.7925
pirvision		0.9987	0.0009	0.9977	0.9959	0.0038
placement		0.6990	0.3010	0.6890	0.3775	0.8275
plant-growth		0.6842	0.3158	0.6833	0.3667	0.8414
plrx		0.6667	0.3333	0.5282	0.0526	0.9011
poker		0.5016	0.0997	0.2368	0.1224	0.7274
poker1%		0.4527	0.1095	0.2057	0.0442	0.7182
poker10%		0.4629	0.1074	0.2088	0.0546	0.7083
polish-1st		0.9331	0.0669	0.5033	0.0066	0.6332
polish-2nd		0.9204	0.0796	0.5139	0.0276	0.6061
polish-3rd		0.9210	0.0790	0.5029	0.0057	0.6570

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9133	0.0867	0.5645	0.1290	0.6535
polish-5th			0.9069	0.0931	0.6185	0.2362	0.6682
polya			0.7232	0.2768	0.6969	0.3937	0.8060
popularity			0.5453	0.3032	0.3909	0.1028	0.7491
post-operative			0.2222	0.5185	0.1667	-0.4000	0.4767
postures			0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7230	0.4412	0.7804
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2727	0.0661	0.1284	0.1935	0.2746
processed			0.9099	0.0901	0.8965	0.7930	0.4302
profb			0.6418	0.3582	0.6130	0.2239	0.8794
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%			0.9819	0.0072	0.9689	0.9757	0.0493
pufs-128			0.5050	0.4978	0.5009	-0.0034	0.9970
pufs-1281%			0.4967	0.5033	0.4967	-0.0067	1.0000
pufs-12810%			0.4976	0.5024	0.4976	-0.0048	1.0000
pufs-64			0.5026	0.4974	0.5026	0.0052	0.9985
pufs-641%			0.5083	0.4917	0.5083	0.0167	0.9953
pufs-6410%			0.5061	0.4939	0.5061	0.0122	0.9965
pulsar			0.9713	0.0287	0.9159	0.8316	0.3521
raisin			0.8556	0.1444	0.8563	0.7111	0.5413
rcv1			0.2404	0.0426	0.0177	-0.0103	0.2847
rcv11%			0.4056	0.0224	0.1564	0.2553	0.3790
rcv110%			0.5560	0.0168	0.3022	0.4811	0.5852
re0-wc			0.6133	0.0595	0.5859	0.5065	0.4841
re1-wc			0.5181	0.0386	0.4769	0.4426	0.3909
rejafada			0.9548	0.0452	0.6889	0.3766	0.5971
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.6277	0.0115	0.2558	0.4256	0.3725
rice			0.9813	0.0187	0.9811	0.9622	0.1244
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5617	0.4383	0.5524	0.1044	0.9541
RT_IOT2022			0.9981	0.0003	0.9764	0.9951	0.0037
satimage			0.9098	0.0301	0.8990	0.8890	0.1551
satimageF			0.9876	0.0124	0.9684	0.9367	0.1925
satimageT			0.9393	0.0607	0.8366	0.6730	0.5142
scadi			0.7143	0.0816	0.3896	0.6111	0.0825
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			0.8519	0.1481	0.8708	0.7097	0.4011
secom			0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9437	0.0161	0.9494	0.9342	0.0732
segmentation			0.8218	0.1782	0.8100	0.6186	0.6382
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.8953	0.1047	0.5630	0.1260	0.6775
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.7895	0.2105	0.5147	0.0294	0.7847
sens-10-gram			0.8058	0.1942	0.5518	0.1029	0.7773
sens-2-gram			0.8079	0.1921	0.5688	0.1374	0.7671
sens-3-gram			0.8000	0.2000	0.5549	0.1097	0.7712
sens-4-gram			0.7447	0.2553	0.5477	0.0912	0.7360
sens-5-gram			0.7553	0.2447	0.4945	-0.0109	0.7713
sens-6-gram			0.7789	0.2211	0.5617	0.1221	0.7555

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.7632	0.2368	0.5374	0.0737	0.7570
sens-8-gram			0.7789	0.2211	0.5546	0.1084	0.7595
sens-9-gram			0.7737	0.2263	0.5512	0.1012	0.7576
sensorless			0.8304	0.0308	0.8312	0.8135	0.1901
sepsis			0.8531	0.1469	0.5225	0.0447	0.7267
shoppers			0.8483	0.1517	0.6934	0.3852	0.7031
shuttle			0.9993	0.0002	0.9040	0.9981	0.1298
sick			0.9469	0.0530	0.7550	0.4968	0.5125
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin			0.9998	0.0002	0.9996	0.9993	0.0038
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.8080	0.1920	0.8082	0.6152	0.6451
smart-farming			0.1400	0.4300	0.1412	-0.1461	0.9004
smk_can_187			0.6842	0.3158	0.6833	0.3667	0.8414
smoking			0.7913	0.2087	0.7747	0.5493	0.6969
soil_pollution			0.1933	0.3227	0.1923	-0.0087	0.8772
solar-flare			0.7338	0.0887	0.6274	0.6614	0.2776
sonar			0.8000	0.2000	0.8276	0.6000	0.4308
soybean			0.9559	0.0046	0.9835	0.9516	0.0339
spam-detection			0.9430	0.0570	0.8303	0.6605	0.5119
spambase			0.8935	0.1065	0.8885	0.7770	0.4601
spect			0.6667	0.3333	0.5452	0.0899	0.8578
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.4340	0.0236	0.2139	0.4038	0.1407
splice-EI			0.8612	0.1388	0.8322	0.6577	0.5855
splice-IE			0.8391	0.1609	0.7917	0.5798	0.6479
sport-articles			0.8200	0.1800	0.8069	0.6139	0.6416
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.4000	0.4000	0.2222	-0.0714	0.4316
startup			0.7634	0.2366	0.7356	0.4688	0.7453
steel_industry			0.8596	0.0936	0.8247	0.7717	0.3020
steel-b			0.8462	0.1538	0.7769	0.5528	0.6568
steel-d			0.9846	0.0154	0.8820	0.7613	0.4382
steel-k			0.9897	0.0103	0.9843	0.9685	0.1057
steel-o			0.8154	0.1846	0.7943	0.5879	0.6550
steel-p			0.9385	0.0615	0.7734	0.5390	0.5226
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9192	0.8247	0.4176
stellar			0.8939	0.0707	0.8793	0.8087	0.2974
stock			0.8681	0.1319	0.7467	0.4016	0.4178
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.7680	0.2320	0.7653	0.5305	0.7234
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5150	0.1940	0.3614	0.2416	0.6667
student-depression			0.6864	0.3136	0.6730	0.3448	0.8437
student-habits			0.3300	0.2680	0.2519	0.0834	0.8069
student-weekend			0.2462	0.3015	0.1914	-0.0189	0.8193
student-workday			0.6562	0.1375	0.2180	0.1549	0.4716
studentap			0.4615	0.3590	0.4388	0.1875	0.5596
susy			0.7183	0.2817	0.7157	0.4313	0.7980
susy1%			0.7092	0.2908	0.7061	0.4114	0.8095
susy10%			0.7152	0.2848	0.7124	0.4247	0.8022
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5333	0.3000	0.5691
telco-churn			0.8224	0.1776	0.7649	0.5280	0.6736
texture			0.9800	0.0036	0.9810	0.9779	0.0290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.9771	0.0229	0.9768	0.9531	0.1496
thoracic			0.5957	0.4043	0.3733	-0.2317	0.7381
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7292	0.2708	0.4217	-0.0443	0.7051
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.7682	0.2318	0.7239	0.4430	0.7446
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.7059	0.1471	0.7208	0.6101	0.2469
toxicity			0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f			0.6471	0.3529	0.6136	0.2273	0.8920
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.5467	0.4533	0.4408	-0.1155	0.8918
trec11-wc			0.3659	0.1409	0.4942	0.3046	0.3069
trec12-wc			0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc			0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc			0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc			0.6022	0.1137	0.4442	0.4655	0.3375
trec41-wc			0.4886	0.1023	0.5556	0.4198	0.3356
trec45-wc			0.4203	0.1159	0.4711	0.2741	0.3280
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.6750	0.1625	0.6783	0.5667	0.3341
tvnews			0.9437	0.0563	0.9391	0.8768	0.2763
tvnews1%			0.8846	0.1154	0.8748	0.7468	0.4714
tvnews10%			0.8651	0.1349	0.8541	0.7079	0.5394
ur3_cobotops_grip			0.9673	0.0327	0.7310	0.4614	0.5554
ur3_cobotops_stop			0.9701	0.0299	0.7735	0.5446	0.5073
urban			0.6716	0.0730	0.6936	0.6184	0.2914
urinalysis			0.9161	0.0839	0.5508	0.0997	0.6664
url-rep1%			0.7320	0.2645	0.7061	0.2622	0.4876
ustilago			0.9199	0.0721	0.5424	0.0466	0.2406
ustilago1%			0.9560	0.0440	0.4888	-0.0154	0.3202
ustilago10%			0.9409	0.0591	0.5254	0.0295	0.2890
vehicle			0.7262	0.1369	0.6661	0.6291	0.2324
vehicleVAN			0.9762	0.0238	0.9701	0.9385	0.2027
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17			0.9068	0.0932	0.6337	0.2250	0.5956
wap-wc			0.3846	0.0615	0.2776	0.3190	0.3477
warpar10p			0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.9429	0.0163	0.9423	0.9332	0.0922
watch-acc1%			0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%			0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr			0.9095	0.0258	0.9086	0.8943	0.1376
watch-gyr1%			0.7380	0.0749	0.7369	0.6941	0.3240
watch-gyr10%			0.8311	0.0483	0.8300	0.8027	0.2263
water_pollution			0.2533	0.3733	0.2534	0.0036	0.8633
waveform			0.6660	0.2227	0.6669	0.4987	0.5918
weather-related			0.9712	0.0052	0.9738	0.9673	0.0480
web-phishing			0.8667	0.0889	0.8055	0.7656	0.4041
Weekly			0.8704	0.1296	0.8685	0.7364	0.5111
weight-lift			0.9934	0.0027	0.9931	0.9916	0.0203
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9689	0.0311	0.8324	0.6645	0.4687
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white			0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg			0.9984	0.0004	0.9970	0.9980	0.0075
winnipeg10%			0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5203	0.0959	0.3344	0.3881	0.4601
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9324	0.0676	0.4825	-0.0292	0.6521
zip			0.9591	0.0082	0.9546	0.9542	0.0668

Table 4: Detailed results for ALSLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1494	0.0810	0.1079	0.0599	0.5361
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.9146	0.0854	0.8049	0.5250	0.2082
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8873	0.1127	0.8401	0.6734	0.4986
air_pollution		0.4000	0.1714	0.0820	-0.0043	0.3978
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7619	0.0952	0.2688	0.3821	0.1895
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8791	0.1209	0.8666	0.7222	0.4472
anneal		0.9326	0.0270	0.7329	0.8527	0.1430
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family		0.9777	0.0111	0.9413	0.9574	0.0514
anuran-genus		0.9833	0.0042	0.9235	0.9725	0.0683
anuran-species		0.9875	0.0025	0.9776	0.9826	0.0149
anxiety		0.1167	0.1963	0.1210	0.0048	0.8179
apple-quality		0.8900	0.1100	0.8903	0.7800	0.4572
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia		0.6889	0.0479	0.3051	0.4140	0.1694
auction		0.9118	0.0882	0.7695	0.4848	0.4195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.7727	0.0413	0.7512	0.7222	0.1147
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6500	0.1167	0.4265	0.5139	0.2098
avila		0.5252	0.0791	0.5732	0.3223	0.3128
babies		0.4758	0.1498	0.1883	0.1796	0.5012
balance		0.9032	0.0645	0.6228	0.8178	0.1771
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9171	0.0829	0.9110	0.8132	0.3162
basehock		0.9497	0.0503	0.9498	0.8995	0.2653
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8857	0.1143	0.8803	0.7600	0.4858
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.8182	0.0606	0.7407	0.7800	0.0723
bridges		0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8678	0.0661	0.4318	0.7068	0.1831
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography		0.7934	0.0413	0.7639	0.7496	0.2033
cardiotocography-nsp		0.9061	0.0626	0.8274	0.7202	0.2482
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6505	0.5360	0.5308
cas_N6512_cdk_ECFP2		0.6283	0.3717	0.6262	0.2268	0.8444
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.7071	0.2929	0.7044	0.4032	0.8010
cas_N6512_rdkit_AVALON		0.7542	0.2458	0.7522	0.5040	0.7441
cas_N6512_RDkit_Avalon_FP		0.7485	0.2515	0.7472	0.4944	0.7534
cas_N6512_rdkit_descriptors		0.7646	0.2354	0.7654	0.5292	0.7227
cas_N6512_rdkit_FEATMORGAN		0.6743	0.3257	0.6760	0.3254	0.7929
cas_N6512_RDkit_Featmorgan_FP		0.7132	0.2868	0.7171	0.4080	0.7403
cas_N6512_RDkit_FP		0.7423	0.2577	0.7403	0.4804	0.7628
cas_N6512_rdkit_LAYERED		0.7585	0.2415	0.7567	0.5132	0.7378
cas_N6512_RDkit_Layered_FP		0.7347	0.2653	0.7323	0.4617	0.7684
cas_N6512_rdkit_MACCS		0.7481	0.2519	0.7462	0.4873	0.7417
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.7108	0.2892	0.7132	0.4039	0.7539
cas_N6512_RDkit_morgan_FP		0.6979	0.3021	0.6981	0.3785	0.7840

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7400	0.2600	0.7389	0.4778	0.7659
cas_N6512_RDkit_pattern_FP		0.7316	0.2684	0.7302	0.4604	0.7787
cas_N6512_rdkit_RDKITFP		0.7680	0.2320	0.7662	0.5314	0.7200
cas_N6512_rdkit_TORSION		0.6923	0.3077	0.6890	0.3750	0.8266
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7876	0.2124	0.7595	0.4919	0.6405
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9479	0.0521	0.7005	0.2688	0.3106
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8490	0.1510	0.7374	0.4426	0.5950
churn-bigml		0.8989	0.1011	0.7691	0.4480	0.3356
ci900367j_MACCS		0.7053	0.2947	0.6730	0.3062	0.7515
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6667	0.2222	0.4428	0.3288	0.4656
cjs		0.9643	0.0119	0.9546	0.9564	0.0588
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7880	0.1060	0.5453	0.6482	0.2146
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5238	0.3175	0.5005	0.2435	0.7137
cnae-9		0.8704	0.0288	0.8836	0.8542	0.1296
codon_usage		0.9233	0.0140	0.7470	0.9063	0.1040
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		0.6000	0.0533	0.4755	0.5506	0.1776
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.8276	0.1724	0.8165	0.5672	0.3610
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.7241	0.2759	0.7192	0.3862	0.6717
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7764	0.2236	0.7771	0.5531	0.7035
coupon		0.4314	0.5686	0.3014	0.0000	0.5291
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9637	0.0363	0.9196	0.8338	0.2303
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9000	0.0500	0.9083	0.8667	0.1217

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4375	0.0281	0.3132	0.4217	0.0809
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1667	0.2778	0.1685	-0.0037	0.8714
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.6481	0.3519	0.6313	0.2332	0.8267
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.5130	0.4870	0.5754	0.1113	0.7059
defect		0.8981	0.1019	0.7883	0.5120	0.3671
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.5000	0.0000	0.6840
df_final		0.6250	0.2500	0.4762	0.4000	0.4636
DIA		0.8167	0.1833	0.7441	0.3529	0.3484
diabetes		0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9333	0.0333	0.9000	0.9067	0.0654
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7788	0.1475	0.6985	0.6221	0.4204
drug-01		0.3617	0.1824	0.1427	0.0222	0.5845
drug-02		0.5319	0.1337	0.2543	0.1756	0.5484
drug-03		0.6915	0.0881	0.1854	0.1067	0.3292
drug-04		0.5213	0.1368	0.2289	0.1505	0.6111
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.4309	0.1626	0.2530	0.2781	0.5067
drug-07		0.4415	0.1596	0.1377	0.0667	0.4302
drug-08		0.5798	0.1201	0.2113	0.1945	0.4078
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5266	0.1353	0.1623	0.1222	0.5280
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6117	0.1109	0.1852	0.2245	0.3930
drug-14		0.5904	0.1170	0.2517	0.2565	0.4676
drug-15		0.7447	0.0729	0.1220	-0.0204	0.2917

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-16			0.6011	0.1140	0.2617	0.3227	0.4292
drug-17			0.3564	0.1839	0.1886	0.1141	0.6005
drug-18			0.9947	0.0021	0.1995	0.0000	0.0076
drug-19			0.7660	0.0669	0.1239	-0.0053	0.2842
drybean			0.9280	0.0206	0.9413	0.9129	0.1178
ecoli			0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU			0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM			0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce			0.2600	0.3700	0.2650	0.0140	0.8326
eeg			0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye			0.4826	0.5174	0.5920	0.0529	0.5918
eeg10%			0.4129	0.0734	0.3808	0.3469	0.5217
email_phishing			0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus			0.6301	0.1479	0.5875	0.5093	0.3494
euthyroid			0.9241	0.0759	0.7485	0.3447	0.1870
exon.vs.intron-freq			0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%			0.5269	0.4731	0.3451	0.0000	0.5238
fakenews			0.5400	0.4600	0.5398	0.0781	0.9676
farm-ads			0.7464	0.2536	0.7757	0.4729	0.5051
fbis-wc			0.6911	0.0363	0.4991	0.6379	0.1769
fertility			0.9000	0.1000	0.4737	0.0000	0.2236
finance			0.6667	0.3333	0.6632	0.3025	0.8114
financial-risk			0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch			0.9375	0.0208	0.9436	0.9196	0.0414
flags			0.2000	0.2286	0.0476	0.0000	0.3593
forest			0.9231	0.0385	0.9159	0.8939	0.1150
gas			0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal			0.6875	0.2083	0.5133	0.4737	0.3707
gender			0.5958	0.2695	0.3742	0.1223	0.5106
gene			0.9306	0.0463	0.9225	0.8886	0.2107
german			0.7400	0.2600	0.7017	0.3418	0.6583
gestures			0.2491	0.3754	0.0997	0.0000	0.4043
gina			0.9308	0.0692	0.9309	0.8616	0.3338
gisette			0.9614	0.0386	0.9614	0.9229	0.2197
glass			0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2			0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP			0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP			0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers			0.9545	0.0455	0.8483	0.6452	0.1307
glassNW			0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.8421	0.1579	0.8444	0.6851	0.5655
gli_85			1.0000	0.0000	1.0000	1.0000	0.0000
glioma			0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade			0.8810	0.1190	0.8790	0.7571	0.4898
green			0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage			0.4667	0.2667	0.3787	0.2500	0.4753
gsalc			1.0000	0.0000	1.0000	1.0000	0.0000
haberman			0.7333	0.2667	0.6323	0.2593	0.8242
hapt			0.0073	0.1654	0.0012	0.0000	0.3596
har			0.9343	0.0263	0.9315	0.9167	0.1204
har70			0.0899	0.2600	0.0236	0.0000	0.3023
har701%			0.8376	0.0464	0.5035	0.7666	0.1619
har7010%			0.0899	0.2600	0.0236	0.0000	0.3023
harth1%			0.0610	0.1565	0.0096	0.0000	0.3036

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.5000	0.3333	0.5721	0.1950	0.5024
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure		0.9500	0.0500	0.9415	0.8825	0.2748
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.5500	0.4500	0.5866	0.1319	0.8212
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0625	0.0253	0.3029
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.8938	0.1062	0.7909	0.5203	0.3765
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6389	0.2407	0.5961	0.3362	0.4725
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9788	0.0212	0.9333	0.8627	0.1775
hypothyroid		0.9390	0.0305	0.5599	0.5370	0.1901
hypothyroidT		0.9523	0.0477	0.8080	0.5301	0.1339
ilpd		0.6949	0.3051	0.5145	0.0148	0.7591
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9397	0.0046	0.9407	0.9373	0.0557
jm1		0.8136	0.1864	0.6183	0.1197	0.5441
jvowels		0.9779	0.0049	0.9767	0.9750	0.0362
kc1		0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9053	0.0947	0.4751	-0.0491	0.6630
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3276	0.0747	0.2671	0.2186	0.4074
krvskp		0.9498	0.0502	0.9501	0.8996	0.2629
la1s-wc		0.6952	0.1016	0.6564	0.6102	0.3769
la2s-wc		0.6854	0.1049	0.6731	0.5886	0.3738
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6765	0.0281	0.6699	0.6609	0.0820

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.7000	0.0600	0.6445	0.6591	0.1145
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8889	0.0148	0.9083	0.8808	0.0504
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9508	0.0492	0.9475	0.8944	0.2588
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8491	0.0302	0.4388	0.7903	0.1006
lung		0.8571	0.0571	0.6724	0.6769	0.1268
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.5731	0.4269	0.5741	0.1462	0.9445
magic04		0.8690	0.1310	0.8557	0.6943	0.4506
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8327	0.6654	0.5984
marketing		0.8929	0.1071	0.7603	0.3901	0.2412
maternal		0.6436	0.2376	0.6483	0.4501	0.5235
math		0.7500	0.1250	0.5901	0.5935	0.2679
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2300	0.3080	0.2278	0.0356	0.8450
messidor		0.6783	0.3217	0.6735	0.3469	0.8499
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6667	0.1667	0.7556	0.5365	0.2739
meter-D		0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac		0.9850	0.0030	0.9854	0.9833	0.0188
mfeat-fou		0.8050	0.0390	0.8048	0.7833	0.1538
mfeat-kar		0.9750	0.0050	0.9758	0.9722	0.0316
mfeat-mor		0.7300	0.0540	0.7359	0.7000	0.1798
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.8400	0.0320	0.8421	0.8222	0.0818
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9434	0.0377	0.9337	0.9131	0.1271
mines		0.4706	0.2118	0.4082	0.3369	0.4196
mobile		0.8427	0.0056	0.8392	0.8398	0.0707
monks-1		0.7818	0.2182	0.7822	0.5629	0.6930
monks-2		0.7869	0.2131	0.7728	0.4466	0.3968
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9975	0.0025	0.9975	0.9951	0.0207
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9394	0.0606	0.8768	0.7290	0.2385
MUT_ci300400a_cdk_ECFP2		0.5959	0.4041	0.6138	0.0376	0.5273

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP4		0.6371	0.3629	0.6615	0.1485	0.5140
MUT_ci300400a_cdk_ECFP6		0.6491	0.3509	0.6629	0.1865	0.5751
MUT_ci300400a_cdk_ESTATE		0.6703	0.3297	0.6608	0.2574	0.7237
MUT_ci300400a_cdk_EXTENDED		0.7734	0.2266	0.7643	0.5221	0.7024
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5959	0.4041	0.6258	0.0366	0.5040
MUT_ci300400a_cdk_FCFP6		0.6163	0.3837	0.6316	0.0951	0.5529
MUT_ci300400a_cdk_MACCS		0.7494	0.2506	0.7400	0.4616	0.7135
MUT_ci300400a_cdk_PUBCHEM		0.7641	0.2359	0.7587	0.4885	0.6573
MUT_ci300400a_cdk_STANDARD		0.7737	0.2263	0.7658	0.5159	0.6765
MUT_ci300400a_rdkit_descriptors		0.8271	0.1729	0.8227	0.6453	0.6153
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9692	0.0308	0.9405	0.8776	0.1837
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5000	0.3333	0.3236	0.0099	0.5564
nursery		0.9267	0.0367	0.7049	0.8913	0.1111
obesity		0.8104	0.0542	0.8067	0.7787	0.1955
obs		0.8333	0.0833	0.8690	0.7489	0.2189
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9931	0.0035	0.9782	0.9790	0.0455
oh0-wc		0.7030	0.0594	0.6196	0.6501	0.2045
oh10-wc		0.6571	0.0686	0.6347	0.6029	0.2545
oh15-wc		0.5435	0.0913	0.5085	0.4596	0.2511
oh5-wc		0.6813	0.0637	0.6742	0.6322	0.2089
ohscal-wc		0.5349	0.0930	0.5788	0.4667	0.3232
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9804	0.0039	0.9819	0.9782	0.0272
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.7933	0.5812	0.6353
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9671	0.0132	0.8794	0.7967	0.1591
parkinson		0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons		0.7867	0.2133	0.7741	0.5481	0.7018
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.8738	0.1262	0.8419	0.6834	0.5484
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.5825	0.4175	0.5209	0.0041	0.5832
pcos		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pd			0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia			0.5882	0.1176	0.5347	0.4979	0.3729
pendigits			0.9900	0.0020	0.9902	0.9889	0.0179
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.8076	0.1924	0.7909	0.5770	0.6503
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9250	0.0750	0.9142	0.8257	0.3447
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.6815	0.0910	0.6476	0.6269	0.3284
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.6669	0.0952	0.6363	0.6089	0.3143
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8463	0.1537	0.8090	0.6177	0.6162
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7368	0.2632	0.7191	0.4081	0.7142
pirvision			0.9902	0.0065	0.9823	0.9686	0.0533
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7368	0.2632	0.7360	0.4693	0.7643
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4234	0.1647	0.0850	0.0000	0.2041
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th			0.9306	0.0694	0.6122	0.1119	0.4175
polya			0.7946	0.2054	0.7715	0.5401	0.6873
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6471	0.3529	0.6494	0.2941	0.8709
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4242	0.0886	0.2917	0.3503	0.2520
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7164	0.2836	0.6459	0.2427	0.7434
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9590	0.0164	0.9436	0.9447	0.0739
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5000	0.5000	0.5002	0.0004	0.9559
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.6467	0.0544	0.3135	0.4710	0.2370
re1-wc			0.5181	0.0386	0.1812	0.4023	0.2605
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rocket			0.6517	0.3483	0.6302	0.2566	0.8819
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8834	0.0389	0.8644	0.8554	0.1706
satimageF			0.9922	0.0078	0.9801	0.9602	0.1342
satimageT			0.9425	0.0575	0.8208	0.5984	0.2997
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9177	0.0235	0.9265	0.9038	0.0892
segmentation			0.8663	0.1337	0.8526	0.7041	0.5341
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8737	0.1263	0.6687	0.0675	0.2632
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8824	0.1176	0.7348	0.4040	0.4834
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9469	0.0530	0.7342	0.3563	0.2944
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9931	0.0069	0.9897	0.9792	0.0974
smarket			0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming			0.1400	0.4300	0.1374	-0.1510	0.8867
smk_can_187			0.7895	0.2105	0.7933	0.5730	0.6420
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1867	0.3253	0.1890	-0.0188	0.8685
solar-flare			0.7626	0.0791	0.6174	0.6949	0.1847
sonar			0.6000	0.4000	0.6094	0.2000	0.8750
soybean			0.9559	0.0046	0.9202	0.9515	0.0186
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9109	0.0891	0.9065	0.8106	0.3857
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.5192	0.0356	0.3926	0.4868	0.1520
splice-EI			0.9685	0.0315	0.9579	0.9157	0.2138
splice-IE			0.9211	0.0789	0.8868	0.7678	0.3777
sport-articles			0.8700	0.1300	0.8614	0.7227	0.5296
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			0.9785	0.0215	0.9767	0.9524	0.0972
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8667	0.1333	0.7841	0.5591	0.5867
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8051	0.1949	0.7787	0.5494	0.6556
steel-p			0.9179	0.0821	0.6255	0.1729	0.5109
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9125	0.8251	0.3478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8958	0.1042	0.8069	0.5931	0.4811
stockb			0.9295	0.0470	0.9309	0.8943	0.1417
streaming			0.9020	0.0980	0.9012	0.8023	0.4289
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4700	0.2120	0.3128	0.1607	0.4388
student-weekend			0.4000	0.2400	0.2705	0.1453	0.5817
student-workday			0.7031	0.1187	0.2261	0.0515	0.2877
studentap			0.6154	0.2564	0.4602	0.3750	0.3282
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9909	0.0017	0.9914	0.9900	0.0144
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7910	0.2090	0.6996	0.2121	0.3699
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.6471	0.3529	0.5597	0.0893	0.8324
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc			0.3902	0.1355	0.1796	0.1299	0.3089
trec12-wc			0.3226	0.1694	0.1560	0.0510	0.3512
trec21-wc			0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.6237	0.1254	0.4231	0.4507	0.3190
trec41-wc			0.5341	0.0932	0.2563	0.3967	0.2810
trec45-wc			0.4058	0.1188	0.3302	0.2861	0.3719
tuandromd			0.9798	0.0202	0.9696	0.9386	0.2027
turkish			0.8500	0.0750	0.8484	0.8000	0.1834
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%			0.8990	0.1010	0.8904	0.7794	0.4373
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9646	0.0354	0.6787	0.0690	0.1045
urban			0.8209	0.0398	0.8308	0.7894	0.1388
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7857	0.1071	0.7523	0.7110	0.2150
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5758	0.0771	0.6078	0.5333	0.2189
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wap-wc			0.7564	0.0244	0.5330	0.7218	0.1451
warpar10p			0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.5563	0.1268	0.6218	0.4825	0.3784
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2500	0.3750	0.2499	0.0002	0.8589
waveform			0.8360	0.1093	0.8363	0.7540	0.3750
weather-related			0.9538	0.0084	0.9568	0.9476	0.0577
web-phishing			0.8296	0.1136	0.6602	0.6929	0.4685
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9793	0.0207	0.8795	0.7268	0.0704
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6226	0.1258	0.2923	0.3848	0.4306
winequality-white			0.5378	0.1320	0.2589	0.2705	0.4646
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7496	0.7322	0.0687
yeast			0.5473	0.0905	0.3386	0.4147	0.3801
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 5: Detailed results for ALSLSVC(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1687	0.0792	0.1275	0.0785	0.5151
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.9146	0.0854	0.8049	0.5250	0.2082
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8873	0.1127	0.8401	0.6734	0.4986
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7810	0.0876	0.2863	0.4371	0.1825
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8791	0.1209	0.8666	0.7222	0.4472
anneal		0.9326	0.0270	0.7329	0.8527	0.1430
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family		0.9777	0.0111	0.9413	0.9574	0.0514
anuran-genus		0.9847	0.0038	0.9351	0.9748	0.0606
anuran-species		0.9875	0.0025	0.9789	0.9826	0.0191
anxiety		0.1083	0.1981	0.1134	-0.0052	0.8124
apple-quality		0.8900	0.1100	0.8903	0.7800	0.4572
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia		0.6667	0.0513	0.2804	0.3584	0.1851
auction		0.9118	0.0882	0.7695	0.4848	0.4195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.7273	0.0496	0.7080	0.6667	0.1341
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7000	0.1000	0.5934	0.5862	0.2200
avila		0.6660	0.0557	0.6781	0.5235	0.2906
babies		0.4758	0.1498	0.1884	0.1793	0.4987
balance		0.8871	0.0753	0.6169	0.7901	0.3033
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9171	0.0829	0.9110	0.8132	0.3162
basehock		0.9497	0.0503	0.9498	0.8995	0.2653
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8857	0.1143	0.8803	0.7600	0.4858
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8908	0.0546	0.6572	0.7653	0.2716
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography		0.7934	0.0413	0.7521	0.7488	0.1859
cardiotocography-nsp		0.8920	0.0720	0.8075	0.6811	0.2859
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5612	0.4432	0.5594
cas_N6512_cdk_ECFP2		0.6283	0.3717	0.6262	0.2268	0.8444
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.7071	0.2929	0.7044	0.4032	0.8010
cas_N6512_rdkit_AVALON		0.7542	0.2458	0.7522	0.5040	0.7441
cas_N6512_RDkit_Avalon_FP		0.7485	0.2515	0.7472	0.4944	0.7534
cas_N6512_rdkit_descriptors		0.7646	0.2354	0.7654	0.5292	0.7227
cas_N6512_rdkit_FEATMORGAN		0.6790	0.3210	0.6813	0.3348	0.7839
cas_N6512_RDkit_Featmorgan_FP		0.7132	0.2868	0.7171	0.4080	0.7403
cas_N6512_RDkit_FP		0.7423	0.2577	0.7403	0.4804	0.7628
cas_N6512_rdkit_LAYERED		0.7585	0.2415	0.7567	0.5132	0.7378
cas_N6512_RDkit_Layered_FP		0.7347	0.2653	0.7323	0.4617	0.7684
cas_N6512_rdkit_MACCS		0.7481	0.2519	0.7462	0.4873	0.7417
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.7108	0.2892	0.7132	0.4039	0.7539
cas_N6512_RDkit_morgan_FP		0.6979	0.3021	0.6981	0.3785	0.7840

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7400	0.2600	0.7389	0.4778	0.7659
cas_N6512_RDkit_pattern_FP		0.7316	0.2684	0.7302	0.4604	0.7787
cas_N6512_rdkit_RDKITFP		0.7680	0.2320	0.7662	0.5314	0.7200
cas_N6512_rdkit_TORSION		0.6923	0.3077	0.6890	0.3750	0.8266
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7876	0.2124	0.7595	0.4919	0.6405
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9479	0.0521	0.7005	0.2688	0.3106
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8490	0.1510	0.7374	0.4426	0.5950
churn-bigml		0.8989	0.1011	0.7691	0.4480	0.3356
ci900367j_MACCS		0.7053	0.2947	0.6730	0.3062	0.7515
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6667	0.2222	0.4428	0.3288	0.4656
cjs		0.9643	0.0119	0.9566	0.9563	0.0591
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8250	0.0875	0.5820	0.7202	0.2736
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5442	0.3039	0.5202	0.2772	0.7074
cnae-9		0.8148	0.0412	0.8437	0.7917	0.1599
codon_usage		0.9286	0.0130	0.7552	0.9130	0.1081
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		0.6000	0.0533	0.4849	0.5504	0.1830
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.8276	0.1724	0.8165	0.5672	0.3610
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.7241	0.2759	0.7192	0.3862	0.6717
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7764	0.2236	0.7771	0.5531	0.7035
coupon		0.4314	0.5686	0.3014	0.0000	0.5291
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.9637	0.0363	0.9196	0.8338	0.2303
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9000	0.0500	0.9083	0.8667	0.1217

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4062	0.0297	0.2879	0.3896	0.0951
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.1620	-0.0117	0.8732
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.6481	0.3519	0.6313	0.2332	0.8267
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.5130	0.4870	0.5754	0.1113	0.7059
defect		0.8981	0.1019	0.7883	0.5120	0.3671
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.5000	0.0000	0.6840
df_final		0.6250	0.2500	0.4762	0.4000	0.4636
DIA		0.8167	0.1833	0.7441	0.3529	0.3484
diabetes		0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7698	0.1535	0.6879	0.6102	0.4377
drug-01		0.3883	0.1748	0.1512	0.0533	0.5361
drug-02		0.5319	0.1337	0.2660	0.1603	0.5932
drug-03		0.6755	0.0927	0.1320	0.0431	0.3400
drug-04		0.5319	0.1337	0.2119	0.1408	0.5605
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.4202	0.1657	0.2467	0.2632	0.5131
drug-07		0.4415	0.1596	0.1365	0.0645	0.4222
drug-08		0.5851	0.1185	0.2289	0.2024	0.4002
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5319	0.1337	0.1616	0.1165	0.4536
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5851	0.1185	0.1578	0.1815	0.4170
drug-14		0.5798	0.1201	0.2367	0.2275	0.4652
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.5904	0.1170	0.2563	0.3065	0.4426
drug-17		0.3670	0.1809	0.2118	0.1229	0.5353
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1877	0.0322	0.2818
drybean		0.9302	0.0199	0.9430	0.9156	0.1135
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2100	0.3950	0.2087	-0.0519	0.8802
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.4826	0.5174	0.5943	0.0532	0.5857
eeg10%		0.3993	0.0751	0.3614	0.3311	0.5445
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6712	0.1315	0.6549	0.5698	0.3571
euthyroid		0.9241	0.0759	0.7485	0.3447	0.1870
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5400	0.4600	0.5398	0.0781	0.9676
farm-ads		0.7464	0.2536	0.7757	0.4729	0.5051
fbis-wc		0.5854	0.0488	0.3286	0.5042	0.2286
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6667	0.3333	0.6632	0.3025	0.8114
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal		0.6875	0.2083	0.5133	0.4737	0.3707
gender		0.5958	0.2695	0.3750	0.1333	0.5148
gene		0.9306	0.0463	0.9230	0.8890	0.2150
german		0.7400	0.2600	0.7017	0.3418	0.6583
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.9308	0.0692	0.9309	0.8616	0.3338
gisette		0.9614	0.0386	0.9614	0.9229	0.2197
glass		0.7143	0.0952	0.5338	0.5786	0.2399
glass-g2		0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.4667	0.2667	0.3787	0.2500	0.4753
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.8235	0.0504	0.5036	0.7504	0.1540
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth1%		0.4493	0.0918	0.0517	0.0000	0.2692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.5000	0.3333	0.5721	0.1950	0.5024
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure		0.9500	0.0500	0.9415	0.8825	0.2748
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.5500	0.4500	0.5866	0.1319	0.8212
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.0536	0.0128	0.3112
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.8938	0.1062	0.7909	0.5203	0.3765
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.4206	0.2632	0.4986
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.9788	0.0212	0.9333	0.8627	0.1775
hypothyroid		0.9337	0.0332	0.5332	0.4786	0.2495
hypothyroidT		0.9523	0.0477	0.8080	0.5301	0.1339
ilpd		0.6949	0.3051	0.5145	0.0148	0.7591
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9409	0.0045	0.9420	0.9386	0.0557
jm1		0.8136	0.1864	0.6183	0.1197	0.5441
jvowels		0.9869	0.0029	0.9865	0.9852	0.0233
kc1		0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.6526	0.3474	0.5734	0.0684	0.3459
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.5383	0.0513	0.5312	0.4816	0.3942
krvskp		0.9498	0.0502	0.9501	0.8996	0.2629
la1s-wc		0.6254	0.1249	0.6232	0.5194	0.3917
la2s-wc		0.5894	0.1369	0.5139	0.4470	0.3781
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6471	0.0307	0.6640	0.6301	0.0979

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.6500	0.0700	0.6322	0.6056	0.1674
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0380	0.0740	0.0028	0.0000	0.4195
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8611	0.0185	0.8694	0.8509	0.0658
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9508	0.0492	0.9475	0.8944	0.2588
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8491	0.0302	0.4388	0.7903	0.1006
lung		0.8571	0.0571	0.6724	0.6769	0.1268
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.5731	0.4269	0.5741	0.1462	0.9445
magic04		0.8690	0.1310	0.8557	0.6943	0.4506
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8327	0.6654	0.5984
marketing		0.8929	0.1071	0.7603	0.3901	0.2412
maternal		0.6337	0.2442	0.6389	0.4353	0.5341
math		0.7500	0.1250	0.7154	0.5980	0.2877
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2433	0.3027	0.2427	0.0522	0.8349
messidor		0.6783	0.3217	0.6735	0.3469	0.8499
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.8003	0.6104	0.2026
meter-D		0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac		0.9800	0.0040	0.9805	0.9778	0.0249
mfeat-fou		0.8050	0.0390	0.8087	0.7833	0.1525
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7250	0.0550	0.7299	0.6944	0.1798
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.8350	0.0330	0.8369	0.8167	0.0956
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9340	0.0440	0.9259	0.8987	0.1587
mines		0.5294	0.1882	0.4763	0.4113	0.3806
mobile		0.8566	0.0051	0.8660	0.8540	0.0674
monks-1		0.7818	0.2182	0.7822	0.5629	0.6930
monks-2		0.7869	0.2131	0.7728	0.4466	0.3968
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9975	0.0025	0.9975	0.9951	0.0207
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.9394	0.0606	0.8768	0.7290	0.2385
MUT_ci300400a_cdk_ECFP2		0.5959	0.4041	0.6138	0.0376	0.5273

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP4		0.6371	0.3629	0.6615	0.1485	0.5140
MUT_ci300400a_cdk_ECFP6		0.6491	0.3509	0.6629	0.1865	0.5751
MUT_ci300400a_cdk_ESTATE		0.6703	0.3297	0.6608	0.2574	0.7237
MUT_ci300400a_cdk_EXTENDED		0.7734	0.2266	0.7643	0.5221	0.7024
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5959	0.4041	0.6258	0.0366	0.5040
MUT_ci300400a_cdk_FCFP6		0.6163	0.3837	0.6316	0.0951	0.5529
MUT_ci300400a_cdk_MACCS		0.7494	0.2506	0.7400	0.4616	0.7135
MUT_ci300400a_cdk_PUBCHEM		0.7641	0.2359	0.7587	0.4885	0.6573
MUT_ci300400a_cdk_STANDARD		0.7725	0.2275	0.7635	0.5169	0.6941
MUT_ci300400a_rdkit_descriptors		0.8271	0.1729	0.8227	0.6453	0.6153
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		0.9692	0.0308	0.9405	0.8776	0.1837
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5000	0.3333	0.3236	0.0099	0.5564
nursery		0.9576	0.0212	0.8503	0.9372	0.0649
obesity		0.8626	0.0393	0.8582	0.8395	0.1617
obs		0.8148	0.0926	0.8427	0.7182	0.2462
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9921	0.0039	0.9753	0.9761	0.0689
oh0-wc		0.5446	0.0911	0.3156	0.4491	0.2639
oh10-wc		0.4857	0.1029	0.3382	0.3926	0.3219
oh15-wc		0.4130	0.1174	0.2982	0.2943	0.3036
oh5-wc		0.4396	0.1121	0.2650	0.3381	0.3141
ohscal-wc		0.5959	0.0808	0.6172	0.5401	0.3561
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9769	0.0046	0.9789	0.9743	0.0317
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.7933	0.5812	0.6353
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9671	0.0132	0.8703	0.7987	0.1595
parkinson		0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons		0.7867	0.2133	0.7741	0.5481	0.7018
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.8738	0.1262	0.8419	0.6834	0.5484
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.5825	0.4175	0.5209	0.0041	0.5832
pcos		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pd			0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia			0.5294	0.1345	0.3716	0.4087	0.4037
pendigits			0.9909	0.0018	0.9910	0.9899	0.0162
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.8076	0.1924	0.7909	0.5770	0.6503
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.9250	0.0750	0.9142	0.8257	0.3447
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.7343	0.0759	0.7031	0.6887	0.2657
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%			0.7653	0.0671	0.7437	0.7248	0.2611
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.8463	0.1537	0.8090	0.6177	0.6162
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7368	0.2632	0.7191	0.4081	0.7142
pirvision			0.9935	0.0044	0.9885	0.9791	0.0254
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7368	0.2632	0.7360	0.4693	0.7643
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4254	0.1642	0.1426	0.0016	0.2237
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th			0.9449	0.0551	0.4858	-0.0039	0.3179
polish-5th			0.9289	0.0711	0.5982	0.1069	0.4629
polya			0.7946	0.2054	0.7715	0.5401	0.6873
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.6471	0.3529	0.6494	0.2941	0.8709
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4545	0.0839	0.3503	0.3825	0.2500
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7164	0.2836	0.6459	0.2427	0.7434
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9614	0.0155	0.9481	0.9480	0.0676
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5000	0.5000	0.5002	0.0004	0.9559
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.5600	0.0677	0.1951	0.3108	0.2627
re1-wc			0.3795	0.0496	0.0745	0.2109	0.3129
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rocket			0.6517	0.3483	0.6302	0.2566	0.8819
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8942	0.0353	0.8801	0.8690	0.1591
satimageF			0.9922	0.0078	0.9801	0.9602	0.1342
satimageT			0.9425	0.0575	0.8208	0.5984	0.2997
scadi			0.5714	0.1714	0.4346	0.4474	0.2170
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9264	0.0210	0.9341	0.9139	0.0838
segmentation			0.8663	0.1337	0.8526	0.7041	0.5341
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8737	0.1263	0.6687	0.0675	0.2632
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8824	0.1176	0.7348	0.4040	0.4834
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9469	0.0530	0.7342	0.3563	0.2944
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9931	0.0069	0.9897	0.9792	0.0974
smarket			0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming			0.1200	0.4400	0.1080	-0.1828	0.8441
smk_can_187			0.7895	0.2105	0.7933	0.5730	0.6420
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1867	0.3253	0.1868	-0.0190	0.8733
solar-flare			0.7482	0.0839	0.5982	0.6760	0.1893
sonar			0.6000	0.4000	0.6094	0.2000	0.8750
soybean			0.9412	0.0062	0.9048	0.9352	0.0258
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9109	0.0891	0.9065	0.8106	0.3857
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.6346	0.0271	0.5283	0.6115	0.1243
splice-EI			0.9685	0.0315	0.9579	0.9157	0.2138
splice-IE			0.9211	0.0789	0.8868	0.7678	0.3777
sport-articles			0.8700	0.1300	0.8614	0.7227	0.5296
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			0.9785	0.0215	0.9767	0.9524	0.0972
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8667	0.1333	0.7841	0.5591	0.5867
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8000	0.2000	0.7730	0.5392	0.6699
steel-p			0.9231	0.0769	0.6576	0.1895	0.4020

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9125	0.8251	0.3478
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8958	0.1042	0.8069	0.5931	0.4811
stockb			0.9648	0.0235	0.9651	0.9471	0.0886
streaming			0.9020	0.0980	0.9012	0.8023	0.4289
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4500	0.2200	0.2059	0.1256	0.4458
student-weekend			0.3538	0.2585	0.1962	0.0705	0.6039
student-workday			0.6875	0.1250	0.1630	-0.0248	0.2966
studentap			0.6154	0.2564	0.4602	0.3750	0.3282
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.9873	0.0023	0.9881	0.9860	0.0200
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7910	0.2090	0.6996	0.2121	0.3699
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.6471	0.3529	0.5597	0.0893	0.8324
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.5054	0.1649	0.2965	0.2534	0.3659
trec41-wc			0.5114	0.0977	0.2021	0.3599	0.2831
trec45-wc			0.3333	0.1333	0.2602	0.1784	0.3719
tuandromd			0.9798	0.0202	0.9696	0.9386	0.2027
turkish			0.8500	0.0750	0.8541	0.8000	0.1732
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%			0.8990	0.1010	0.8904	0.7794	0.4373
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9646	0.0354	0.6787	0.0690	0.1045
urban			0.8060	0.0431	0.8199	0.7718	0.1557
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7619	0.1190	0.7227	0.6788	0.2208
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6566	0.0624	0.6989	0.6222	0.1698

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.4872	0.0513	0.2768	0.3949	0.2626
warpar10p			0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.7077	0.0835	0.7026	0.6579	0.2830
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2533	0.3733	0.2537	0.0036	0.8602
waveform			0.8340	0.1107	0.8342	0.7510	0.3777
weather-related			0.9423	0.0105	0.9447	0.9344	0.0613
web-phishing			0.8222	0.1185	0.6249	0.6757	0.4692
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9793	0.0207	0.8795	0.7268	0.0704
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6352	0.1216	0.2971	0.4053	0.4241
winequality-white			0.5501	0.1285	0.2551	0.2910	0.4557
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7496	0.7322	0.0603
yeast			0.5270	0.0946	0.3273	0.3871	0.3811
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 6: Detailed results for AMDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9800	0.0200	0.5264	0.0256	0.4293
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.9979	0.0021	0.4995	-0.0009	0.3503
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8263	0.1737	0.7474	0.4858	0.6648
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8326	0.1674	0.8158	0.6315	0.6194
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9875	0.0125	0.4969	-0.0056	0.5615
anuran-family		0.9179	0.0410	0.7402	0.8442	0.3075
anuran-genus		0.9318	0.0170	0.8241	0.8892	0.2785
anuran-species		0.9403	0.0119	0.8531	0.9167	0.1420
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.7325	0.2675	0.7341	0.4650	0.7679
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.8725	0.1275	0.6124	0.1467	0.5667
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.9231	0.0769	0.9229	0.8339	0.2435
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.5098	0.0817	0.3674	0.2660	0.6011
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8871	0.0753	0.6111	0.7875	0.2104
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.0089	0.9911	0.0088	0.0000	0.0253
biodeg		0.8476	0.1524	0.8403	0.6800	0.5791
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.6060	0.1970	0.6079	0.4746	0.5151
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5969	0.5600	0.1943
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.7000	0.3000	0.4118	0.0000	0.4416
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.7559	0.0488	0.7069	0.7086	0.3139
cardiotocography-nsp		0.8779	0.0814	0.7556	0.6558	0.4017
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.7000	0.2000	0.5884	0.4850	0.3959
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%		0.0011	0.9989	0.0011	0.0000	0.0030
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.3810	0.4127	0.1839	0.0000	0.3169
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7991	0.1005	0.5555	0.6826	0.3190
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9200	0.0800	0.7382	0.3103	0.1938
cmc		0.4762	0.3492	0.4499	0.1693	0.7574
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8243	0.0320	0.6459	0.7867	0.3152
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.5517	0.4483	0.5155	0.0308	0.9539
colposcopies-2		0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3		0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4		0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.7586	0.2414	0.6545	0.3072	0.7986
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7419	0.1720	0.6847	0.5804	0.4082
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7764	0.2236	0.7764	0.5529	0.7067
coupon		0.5686	0.4314	0.3625	0.0000	0.5122

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8829	0.0390	0.7763	0.7530	0.3480
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.2812	0.0359	0.1915	0.2633	0.0943
customer-churn		0.9786	0.0214	0.5365	0.0161	0.2720
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8150	0.1850	0.6868	0.3084	0.6094
defect		0.8858	0.1142	0.7564	0.4416	0.4305
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.3639	0.1351	0.4618
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5660	0.4340	0.5626	0.1244	0.9560
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7585	0.1610	0.6844	0.5936	0.4590
drug-01		0.4149	0.1672	0.1834	0.0926	0.6112
drug-02		0.4894	0.1459	0.1747	0.1094	0.6257
drug-03		0.6543	0.0988	0.1296	0.0162	0.4023
drug-04		0.5053	0.1413	0.2065	0.1024	0.6825
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.2406	0.2580	0.5488
drug-07		0.4468	0.1581	0.1335	0.0525	0.3554
drug-08		0.5638	0.1246	0.2342	0.1551	0.4937
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.2433	0.1566	0.4149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.2560	0.2592	0.3933
drug-14		0.5904	0.1170	0.2562	0.2776	0.4420
drug-15		0.7394	0.0745	0.1230	0.0306	0.3804
drug-16		0.6064	0.1125	0.2738	0.3516	0.3924
drug-17		0.3670	0.1809	0.1674	0.1203	0.5023
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7500	0.0714	0.1224	-0.0246	0.3990
drybean		0.9037	0.0275	0.9277	0.8837	0.1246
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6469	0.3531	0.6387	0.2701	0.8725
eeg10%		0.3113	0.0861	0.3163	0.2399	0.6939
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8882	0.1118	0.8907	0.7771	0.4464
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9020	0.0980	0.9028	0.7997	0.3894
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8846	0.0577	0.8558	0.8405	0.1843
gas		0.9526	0.0158	0.9523	0.9425	0.0874
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6000	0.2667	0.3800	0.1424	0.5617
gene		0.9022	0.0652	0.8921	0.8447	0.2625
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6667	0.1111	0.4805	0.5196	0.3118
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9091	0.0909	0.7843	0.4634	0.5000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8427	0.6816	0.5635
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.5793	0.1045	0.7293

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.7064	0.1174	0.7017	0.6285	0.4324
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7473	0.0722	0.4082	0.5948	0.2947
har7010%		0.7494	0.0716	0.4082	0.5979	0.2298
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6484	0.0586	0.2143	0.4935	0.2651
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.5882	0.4118	0.5662	0.1314	0.9439
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure		0.8300	0.1700	0.7999	0.5992	0.6372
heart-quantum		0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis		0.8000	0.2000	0.8077	0.5455	0.5283
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6564	0.3436	0.6536	0.3035	0.8668
higgs1%		0.6395	0.3605	0.6365	0.2658	0.8771
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0714	0.2321	0.0357	-0.0581	0.4322
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5370	0.3086	0.5383	0.3053	0.7015
htru2		0.9765	0.0235	0.9259	0.8436	0.1437
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8154	0.1846	0.6294	0.1847	0.6292
jvowels		0.9277	0.0161	0.9227	0.9181	0.1086
kc1		0.8436	0.1564	0.6549	0.2940	0.7035
kc1-class-level-defectiveornot		0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.7885	0.2115	0.6724	0.3440	0.7669
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2717	0.0809	0.2255	0.1726	0.5759
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5294	0.0235	0.3311	0.5130	0.0464
led24		0.6000	0.0800	0.5916	0.5493	0.1698
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.6930	0.0236	0.6979	0.6807	0.2860
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.6944	0.0407	0.6949	0.6719	0.1207
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9344	0.0656	0.9309	0.8614	0.3380
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.7925	0.0593	0.5800	0.7108	0.1740
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7754	0.2246	0.7440	0.4765	0.7062
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.4688	0.5312	0.3191	0.0000	0.5307
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6139	0.2574	0.6203	0.4041	0.5668
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.6957	0.3043	0.7046	0.3988	0.7954
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		0.2222	0.5185	0.1212	0.0000	0.4199
meter-C		0.3333	0.3333	0.1250	0.0000	0.3773
meter-D		0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.7950	0.0410	0.8004	0.7722	0.1707
mfeat-kar		0.9750	0.0050	0.9752	0.9722	0.0315
mfeat-mor		0.7300	0.0540	0.7356	0.7000	0.1746
mfeat-pix		0.9800	0.0040	0.9804	0.9778	0.0250
mfeat-zer		0.7900	0.0420	0.8008	0.7667	0.1453
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.8019	0.1321	0.7905	0.6980	0.3935

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mines		0.4706	0.2118	0.4670	0.3377	0.4639
mobile		0.7483	0.0090	0.7620	0.7437	0.1161
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.4650	0.0973	0.4641	0.3550	0.5735
musk		0.9288	0.0712	0.8524	0.6831	0.3424
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9692	0.0308	0.9446	0.8882	0.3004
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4583	0.3611	0.2471	-0.0939	0.5773
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.4630	0.2685	0.1582	0.0000	0.3435
occupancy		0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation		0.9812	0.0094	0.9478	0.9417	0.0466
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.9298	0.0156	0.9140	0.9129	0.0503
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr		0.9170	0.0830	0.5849	0.1286	0.5935
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
page-blocks			0.9415	0.0234	0.6650	0.6288	0.4180
parkinson			0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons			0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small			0.8947	0.1053	0.8643	0.7286	0.5039
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.8977	0.1023	0.8728	0.7456	0.4844
pasture			0.2500	0.5000	0.1333	0.0000	0.4055
pc1			0.9099	0.0901	0.5693	0.1246	0.6636
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.8963	0.0207	0.8981	0.8847	0.1292
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.9429	0.0571	0.9400	0.8788	0.2812
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7685	0.2315	0.7028	0.4029	0.7639
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7105	0.2895	0.6923	0.3323	0.7052
pirvision			0.9719	0.0187	0.9493	0.9083	0.1158
placement			0.7890	0.2110	0.7852	0.5699	0.6885
plant-growth			0.5263	0.4737	0.3448	0.0000	0.5239
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9597	0.0403	0.5715	0.0413	0.3170
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9398	0.0602	0.5170	0.0174	0.5245
polish-5th			0.9306	0.0694	0.6122	0.1119	0.4175
polya			0.7805	0.2195	0.7547	0.5049	0.7101
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2015	0.3194	0.0671	0.0000	0.4017
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6353	0.2647	0.8828
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.1818	0.1259	0.0237	0.0000	0.3708
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9729	0.0271	0.9145	0.8157	0.1259
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6096	0.3904	0.5797	0.1537	0.9203
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8351	0.0550	0.7964	0.7954	0.2080
satimageF			0.9782	0.0218	0.9418	0.8803	0.1611
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9177	0.0235	0.9271	0.9038	0.0834
segmentation			0.8317	0.1683	0.8132	0.6238	0.6116
segmentO			0.9784	0.0216	0.9575	0.9148	0.2354
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8579	0.1421	0.5991	0.1659	0.6820
sens-4-gram			0.8395	0.1605	0.5931	0.1792	0.7450
sens-5-gram			0.8474	0.1526	0.5720	0.1240	0.7215
sens-6-gram			0.8605	0.1395	0.5972	0.1524	0.6584
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.9414	0.0167	0.5959	0.8222	0.2469
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9326	0.0674	0.9039	0.8050	0.4257
skin10%			0.9306	0.0694	0.8996	0.7974	0.4323
smarket			0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.0147	0.1037	0.0015	0.0000	0.3908

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spam-detection			0.9455	0.0545	0.8210	0.6335	0.4472
spambase			0.8957	0.1043	0.8905	0.7776	0.4290
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.6857	0.3143	0.5795	0.1538	0.8769
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.9369	0.0631	0.9250	0.8432	0.3707
splice-IE			0.9117	0.0883	0.8767	0.7532	0.4631
sport-articles			0.8200	0.1800	0.8037	0.5911	0.5877
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.0821	0.9179	0.0758	0.0000	0.2013
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8958	0.1042	0.8069	0.5931	0.4811
stockb			0.3348	0.4435	0.1672	0.0000	0.4165
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7578	0.2422	0.7663	0.4977	0.6399
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.3124	0.6876	0.2380	0.0000	0.4886
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.3227	0.6773	0.2440	0.0000	0.4945
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.7500	0.1250	0.7540	0.6667	0.2694
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.8890	0.1110	0.8793	0.7563	0.4611
ur3_cobotops_grip			0.9673	0.0327	0.6361	0.1894	0.4211
ur3_cobotops_stop			0.9605	0.0395	0.5581	0.0556	0.4307
urban			0.7761	0.0498	0.7971	0.7385	0.1916
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7262	0.1369	0.7037	0.6347	0.2377
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5758	0.0771	0.5916	0.5333	0.2180
vowelZ			0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8440	0.1040	0.8442	0.7660	0.3600
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.7778	0.1481	0.6075	0.5859	0.4961
Weekly			0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9850	0.0075	0.9854	0.9800	0.0341
wilt			0.9420	0.0580	0.5891	0.1517	0.5927
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5912	0.1363	0.2781	0.3378	0.4660
winequality-white			0.5112	0.1396	0.2643	0.2317	0.5220
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5203	0.0959	0.3786	0.3906	0.4318
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 7: Detailed results for BAYESNET

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1295	0.0600	0.0611	0.0468	0.4601
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.8767	0.1233	0.7103	0.3476	0.5374
accelerometer		0.9766	0.0234	0.6622	0.3244	0.5720
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9665	0.0335	0.9281	0.8455	0.1092
adult		0.8286	0.1714	0.7975	0.5802	0.6357
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.6095	0.3905	0.5779	0.1291	0.7172
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9766	0.0234	0.4941	-0.0113	0.5794
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
aids		0.8545	0.1455	0.7929	0.5811	0.6048
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
alcohol		0.7619	0.0952	0.4074	0.4021	0.2696
alzheimers		0.9488	0.0512	0.9440	0.8857	0.2427
anneal		0.9101	0.0360	0.8468	0.8260	0.3025
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.8999	0.0501	0.8575	0.8170	0.2745
anuran-genus		0.9138	0.0216	0.8318	0.8634	0.2739
anuran-species		0.9514	0.0097	0.8941	0.9327	0.1069
anxiety		0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality		0.6900	0.3100	0.6902	0.3800	0.8330
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arrhythmia		0.7778	0.0342	0.4756	0.6506	0.2152
auction		0.9608	0.0392	0.9150	0.8293	0.3762
audiology		0.7826	0.0181	0.2652	0.7456	0.0480
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7000	0.1000	0.6152	0.6040	0.2465
avila		0.9923	0.0013	0.9508	0.9901	0.0849
babies		0.4758	0.1498	0.1555	0.1658	0.3735
balance		0.8226	0.1183	0.5668	0.6667	0.3152
bank		0.8565	0.1435	0.7144	0.4140	0.6631
banknote		0.8978	0.1022	0.8991	0.7951	0.4295
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
biodeg		0.8381	0.1619	0.8340	0.6648	0.5920
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9866	0.0009	0.0687	0.0924	0.0107
bitcoin10%		0.9860	0.0025	0.2923	0.3247	0.4192
body-perf		0.5716	0.2142	0.5671	0.4289	0.5794
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7739	0.5455	0.6636
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.7914	0.6733	0.1625
bridges		0.7000	0.0857	0.3640	0.5161	0.1378
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8391	0.0805	0.6269	0.6680	0.3867
car-insurance		0.7950	0.2050	0.7696	0.5374	0.6994
card		0.8406	0.1594	0.8358	0.6713	0.5861
cardiotocography		0.7418	0.0516	0.7353	0.6984	0.3518
cardiotocography-nsp		0.8545	0.0970	0.7681	0.6497	0.4759
cardiovascular		0.7270	0.2730	0.7290	0.4539	0.7734
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.7074	0.5982	0.5186
cas_N6512_cdk_ECFP2		0.6682	0.3318	0.6704	0.3384	0.8522
cas_N6512_rdkit_FEATMORGAN		0.6467	0.3533	0.6536	0.3005	0.8621
cas_N6512_RDkit_Featmorgan_FP		0.6856	0.3144	0.6961	0.3796	0.8024
cas_N6512_rdkit_MACCS		0.6513	0.3487	0.6604	0.3115	0.8495
cas_N6512_RDkit_MACCS_FP		0.6549	0.3451	0.6695	0.3223	0.8250
cas_N6512_rdkit_MORGAN		0.7046	0.2954	0.7058	0.4099	0.8098
cas_N6512_RDkit_morgan_FP		0.6810	0.3190	0.6853	0.3660	0.8304
cas_N6512_rdkit_TORSION		0.6400	0.3600	0.6483	0.2886	0.8647
ccds1%		0.9505	0.0495	0.5463	0.0787	0.6059
cdc_diabetes		0.7983	0.1345	0.4395	0.3122	0.3876
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6684	0.3316	0.6854	0.3478	0.7845
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.8884	0.1116	0.6652	0.2724	0.5265
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.7740	0.2260	0.5406	0.0506	0.4199
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9399	0.0301	0.9320	0.9104	0.1378
chrom19		0.9934	0.0066	0.7052	0.2064	0.2767
chrom191%		0.9947	0.0053	0.7421	0.3063	0.3673
chrom1910%		0.9926	0.0074	0.6798	0.1815	0.2693
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8440	0.1560	0.7350	0.4562	0.6480
churn-bigml		0.9213	0.0787	0.8376	0.6743	0.5045
ci900367j_MACCS		0.6105	0.3895	0.6126	0.2191	0.8871
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.6561	0.4844	0.4674
cjs		0.9714	0.0095	0.9684	0.9652	0.0581
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7648	0.1176	0.4901	0.6146	0.3207
climate		0.9444	0.0556	0.7751	0.5424	0.5131
cm1		0.7200	0.2800	0.6704	0.2473	0.5291
cmc		0.5646	0.2902	0.5381	0.3259	0.7048

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cnae-9		0.9167	0.0185	0.9297	0.9062	0.0778
college		0.9481	0.0519	0.9345	0.8690	0.3129
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.8276	0.1724	0.8044	0.5892	0.5680
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.7241	0.2759	0.7108	0.4171	0.7875
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.7097	0.1935	0.6728	0.5426	0.2879
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
cottonmeloidogyne		0.6322	0.3678	0.6678	0.2685	0.7218
coupon		0.6333	0.3667	0.6289	0.2576	0.8963
covtype10%		0.6890	0.0889	0.5946	0.5107	0.5204
covtypeCD		0.9344	0.0656	0.8738	0.7432	0.4892
covtypeT		0.9283	0.0717	0.7931	0.5651	0.5829
crabs		0.7000	0.1500	0.7185	0.6000	0.2526
creditcard_trans		0.9939	0.0061	0.7158	0.3088	0.4067
creditcard_trans10%		0.9965	0.0035	0.7567	0.4430	0.5022
cryotherapy		0.4444	0.5556	0.4500	-0.0976	1.0000
cultivars		0.0312	0.0484	0.0056	0.0236	0.3032
customer-churn		0.9812	0.0188	0.6892	0.1859	0.1638
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.5556	0.4444	0.3571	0.0000	0.5164
cylinder-bands		0.6852	0.3148	0.6828	0.3056	0.7095
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7927	0.2073	0.6976	0.3952	0.7516
defect		0.9599	0.0401	0.9228	0.8372	0.1899
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8662	0.1338	0.6880	0.3754	0.6896
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.9667	0.0333	0.9677	0.9333	0.1598
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.6833	0.3167	0.5871	0.1739	0.8608
diabetes		0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-risk		0.9009	0.0991	0.8393	0.6489	0.3763
diabetic1%		0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%		0.5874	0.2750	0.4589	0.1996	0.5886
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6474	0.1410	0.6348	0.5050	0.5208
dishonest		0.9062	0.0938	0.8890	0.7757	0.4232
dlbcl-harvard-outcome		0.8000	0.2000	0.8333	0.6154	0.4644
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5340	0.4660	0.5304	0.0195	0.6990
dropout		0.7156	0.1896	0.6750	0.5451	0.5278
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5053	0.1413	0.2255	0.1865	0.5431
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.4681	0.1520	0.2060	0.1148	0.5041
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-06			0.4255	0.1641	0.2869	0.2721	0.5455
drug-07			0.4309	0.1626	0.0860	0.0000	0.2460
drug-08			0.5319	0.1337	0.2465	0.1763	0.3809
drug-09			0.8032	0.0562	0.1457	0.0582	0.2214
drug-10			0.5426	0.1307	0.2403	0.2023	0.3826
drug-11			0.7606	0.0684	0.1261	0.0499	0.3842
drug-12			0.7394	0.0745	0.1877	0.1075	0.3699
drug-13			0.6223	0.1079	0.1839	0.3100	0.3931
drug-14			0.5426	0.1307	0.2436	0.2467	0.5464
drug-15			0.6702	0.0942	0.1444	0.1257	0.3219
drug-16			0.5851	0.1185	0.2493	0.3080	0.4084
drug-17			0.3617	0.1824	0.1333	0.1129	0.4840
drug-18			0.9947	0.0021	0.1995	0.0000	0.0076
drug-19			0.6702	0.0942	0.1584	0.0744	0.3901
drybean			0.9008	0.0283	0.9061	0.8800	0.1484
ecoli			0.8235	0.0441	0.4312	0.7506	0.1352
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU			0.6970	0.3030	0.6205	0.1667	0.5194
ecoliOM			0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce			0.2600	0.3700	0.1032	0.0000	0.4027
eeg-eye			0.6762	0.3238	0.6698	0.3310	0.8361
email_phishing			0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus			0.5616	0.1753	0.5976	0.4399	0.4189
euthyroid			0.9525	0.0475	0.8720	0.7428	0.4644
fakenews			0.5050	0.4950	0.3355	0.0000	0.5276
fertility			0.9000	0.1000	0.4737	0.0000	0.2236
finance			0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk			0.7085	0.0972	0.6041	0.5205	0.2935
fishcatch			0.8750	0.0417	0.8833	0.8416	0.1096
flags			0.5500	0.1125	0.4848	0.4611	0.2571
forest			0.9038	0.0481	0.8715	0.8675	0.1339
gender			0.5516	0.2989	0.4423	0.1611	0.7417
gene			0.8991	0.0673	0.8853	0.8392	0.2729
german			0.7100	0.2900	0.6602	0.3029	0.8040
glass			0.8095	0.0635	0.7567	0.7299	0.1704
glass-g2			0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP			0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP			0.7143	0.2857	0.6786	0.3571	0.8215
glassContainers			1.0000	0.0000	1.0000	1.0000	0.0000
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.6842	0.3158	0.6833	0.3667	0.8414
glioma-grade			0.8690	0.1310	0.8679	0.7339	0.5168
green			0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage			0.4000	0.3000	0.2576	0.1346	0.4553
haberman			0.6667	0.3333	0.5739	0.1477	0.8809
har701%			0.8765	0.0353	0.5331	0.8195	0.1778
har7010%			0.8888	0.0318	0.5316	0.8357	0.1645
harth1%			0.8253	0.0291	0.4941	0.7623	0.2683
harth10%			0.8256	0.0291	0.5010	0.7630	0.2656
hayes-roth			0.6250	0.2500	0.5797	0.3846	0.2117
hcc-survival			0.5882	0.4118	0.5845	0.1678	0.9290
health-activity			0.7700	0.1150	0.2175	0.0000	0.1937
heart			0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack			0.8065	0.1935	0.8046	0.6092	0.6543
heart-c			0.9000	0.1000	0.9000	0.7982	0.4212

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-failure		0.9560	0.0440	0.9489	0.8979	0.2650
heart-quantum		0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8086	0.1914	0.8095	0.6168	0.6406
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%		0.6500	0.3500	0.6478	0.2952	0.8806
higgs1%		0.6508	0.3492	0.6489	0.2978	0.8799
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.8750	0.1250	0.8765	0.7470	0.4704
hiv1-proteasa		0.9022	0.0978	0.8172	0.6307	0.5313
horse		0.7222	0.1852	0.7128	0.5294	0.5115
hotel-reservartions		0.8112	0.1888	0.7806	0.5591	0.6670
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.7930	0.1380	0.7966	0.6897	0.4153
htru2		0.9637	0.0363	0.8951	0.7893	0.4137
hypothyroid		0.9841	0.0080	0.7112	0.9077	0.1932
hypothyroidT		0.9682	0.0318	0.8773	0.7338	0.2099
ilpd		0.5593	0.4407	0.5143	0.0279	0.9087
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
ionosphere		0.9429	0.0571	0.9404	0.8736	0.2987
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9600	0.0400	0.9613	0.9196	0.1967
jm1		0.7025	0.2975	0.6440	0.2648	0.7431
jvowels		0.8484	0.0337	0.8422	0.8281	0.2031
kc1		0.7014	0.2986	0.6191	0.2098	0.7033
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.6667	0.3333	0.4000	-0.1194	0.4433
kc2		0.7692	0.2308	0.7447	0.4536	0.6691
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9026	0.0974	0.5139	0.0278	0.6426
kddcup991%		0.0020	0.1535	0.0003	0.0000	0.2182
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.3572	0.0714	0.3360	0.2711	0.5257
krvskp		0.9122	0.0878	0.9123	0.8243	0.3955
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5000	0.0250	0.2651	0.4779	0.1030
led24		0.7000	0.0600	0.6650	0.6610	0.1254
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.7405	0.0200	0.7487	0.7300	0.2583
libra		0.7500	0.0333	0.7527	0.7316	0.1029
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
liver		0.6765	0.3235	0.5565	0.0603	0.7318
loan		0.9696	0.0304	0.9687	0.9361	0.1901
localization		0.5066	0.0897	0.2627	0.3645	0.5401
localization10%		0.4836	0.0939	0.2645	0.3336	0.5497
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.6269	0.3731	0.6272	0.2538	0.9021
magic04		0.7785	0.2215	0.7478	0.4680	0.6594
mammography		0.8646	0.1354	0.8653	0.7292	0.5220

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
marketing		0.8170	0.1830	0.6994	0.3868	0.7005
maternal		0.5941	0.2706	0.5995	0.3806	0.5695
math		0.7500	0.1250	0.7055	0.6212	0.4044
mba		0.8113	0.1258	0.4315	0.2888	0.3942
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.6609	0.3391	0.6869	0.3448	0.7809
meter-A		0.7500	0.2500	0.7500	0.3846	0.4308
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-mor		0.6800	0.0640	0.6795	0.6444	0.2184
milk		0.9151	0.0566	0.9006	0.8685	0.1500
mines		0.5588	0.1765	0.4103	0.4420	0.3115
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9336	0.0664	0.9356	0.8665	0.2844
music		0.4872	0.0932	0.5044	0.3949	0.5340
MUT_ci300400a_cdk_ESTATE		0.6571	0.3429	0.6450	0.2896	0.8774
MUT_ci300400a_cdk_FCFP2		0.7042	0.2958	0.6940	0.3878	0.8213
MUT_ci300400a_cdk_FCFP4		0.6918	0.3082	0.6890	0.3763	0.8275
MUT_ci300400a_cdk_FCFP6		0.7026	0.2974	0.7104	0.4107	0.7872
myocardial		0.8647	0.0338	0.3209	0.3977	0.2995
naticusdroid		0.9308	0.0692	0.9309	0.8616	0.3340
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.6667	0.1111	0.6061	0.6000	0.1254
ncRNA1%		0.6874	0.0329	0.3853	0.4338	0.7647
neo		0.7863	0.2137	0.7484	0.3809	0.4991
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.9198	0.0321	0.6865	0.8818	0.1347
obesity		0.7488	0.0718	0.7580	0.7064	0.2431
obs		0.8889	0.0556	0.9048	0.8376	0.2266
occupancy		0.9825	0.0175	0.9754	0.9509	0.1555
Occupancy_Estimation		0.9822	0.0089	0.9478	0.9467	0.1358
oh0-wc		0.9010	0.0198	0.8978	0.8874	0.1081
oh15-wc		0.8696	0.0261	0.8755	0.8523	0.1384
oh5-wc		0.8462	0.0308	0.8620	0.8264	0.1522
olive		0.8947	0.0234	0.8642	0.8685	0.0799
ozone1hr		0.8419	0.1581	0.5899	0.1155	0.4034
ozone8hr		0.7708	0.2292	0.6493	0.2187	0.5155
page-blocks		0.9580	0.0168	0.8490	0.7915	0.5148
parkinson		0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons		0.9479	0.0521	0.9453	0.8868	0.2236
parkinsons-small		0.8421	0.1579	0.8508	0.6587	0.4882
pasture		1.0000	0.0000	1.0000	1.0000	0.0000
pc1		0.7387	0.2613	0.5836	0.1164	0.5018
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pendigits		0.9081	0.0184	0.9124	0.8979	0.1103
period		0.7778	0.2222	0.8163	0.5714	0.5000
period-10f		0.5556	0.4444	0.6897	0.2500	0.5288
persistency		0.8017	0.1983	0.7909	0.5814	0.6740
pet-adoption		0.9150	0.0850	0.9031	0.7993	0.3489

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
phishing		0.9469	0.0531	0.9442	0.8876	0.2693
phone-acc0.1%		0.9847	0.0044	0.9840	0.9821	0.0286
phone-acc1%		0.9974	0.0007	0.9973	0.9970	0.0071
phone-gyr0.1%		0.9892	0.0031	0.9886	0.9874	0.0232
phone-gyr1%		0.9958	0.0012	0.9956	0.9950	0.0105
phoneme		0.7833	0.2167	0.7749	0.5289	0.6686
phy		0.6880	0.3120	0.6880	0.3760	0.8363
pima		0.7105	0.2895	0.6874	0.3489	0.7670
placement		0.7900	0.2100	0.7856	0.5709	0.6877
plant-growth		0.4737	0.5263	0.4898	-0.0106	0.8285
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4995	0.1001	0.0666	0.0000	0.1727
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.7738	0.2262	0.6468	0.1526	0.3377
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc		0.6324	0.3676	0.6400	0.2647	0.8578
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.3636	0.0579	0.1581	0.2848	0.2388
profb		0.6716	0.3284	0.4018	0.0000	0.4612
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
puc-rio10%		0.9125	0.0350	0.8517	0.8828	0.1869
pufs-1281%		0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%		0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64		0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%		0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%		0.5002	0.4998	0.3334	0.0000	0.5283
pulsar		0.9705	0.0295	0.9132	0.8263	0.3554
raisin		0.8556	0.1444	0.8578	0.7111	0.5296
re1-wc		0.7892	0.0169	0.5689	0.7592	0.1617
rejafada		1.0000	0.0000	1.0000	1.0000	0.0000
rice		0.9841	0.0159	0.9840	0.9677	0.0998
rocket		0.6488	0.3512	0.6372	0.2744	0.8846
satimageF		0.9829	0.0171	0.9549	0.9090	0.1719
scadi		0.7143	0.0816	0.4989	0.6316	0.1395
schiller		0.8889	0.1111	0.8784	0.7273	0.4644
schizo		0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.8590	0.1410	0.6397	0.2460	0.5885
seeds		0.9524	0.0317	0.9553	0.9286	0.0868
segment		0.9177	0.0235	0.9243	0.9039	0.1066
segmentation		0.7723	0.2277	0.7672	0.5271	0.7061
segmentO		1.0000	0.0000	1.0000	1.0000	0.0000
seismic		0.8140	0.1860	0.6388	0.2167	0.5338
sens-1-gram		0.7395	0.2605	0.5515	0.0974	0.7292
sens-2-gram		0.7763	0.2237	0.6186	0.2250	0.7154
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8540	0.1460	0.7680	0.5223	0.6480
shuttle		0.9950	0.0014	0.8089	0.9860	0.1726
sick		0.9602	0.0398	0.8424	0.6846	0.4854
sirtuin6		1.0000	0.0000	1.0000	1.0000	0.0000
skin		0.9444	0.0556	0.9149	0.8297	0.3582
skin10%		0.9371	0.0629	0.9024	0.8039	0.3740
smarket		0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming		0.2600	0.3700	0.1032	0.0000	0.4021
smoking		0.6998	0.3002	0.7145	0.4075	0.7579
soil_pollution		0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare		0.7338	0.0887	0.6210	0.6606	0.2341
sonar		0.5500	0.4500	0.5525	0.1000	0.9473

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
soybean		0.9412	0.0062	0.9636	0.9358	0.0411
spam-detection		0.9515	0.0485	0.8373	0.6488	0.3215
spambase		0.8891	0.1109	0.8835	0.7639	0.4513
spect		0.7037	0.2963	0.7105	0.3684	0.6735
spectf		0.7429	0.2571	0.7377	0.4522	0.7139
spectrometer		0.5962	0.0299	0.5115	0.5733	0.1353
splice-EI		0.9558	0.0442	0.9453	0.8876	0.3038
splice-IE		0.8612	0.1388	0.8262	0.6451	0.5939
sport-articles		0.7700	0.2300	0.7853	0.5447	0.6484
squash-stored		0.4000	0.4000	0.3571	0.1667	0.5000
squash-unstored		0.6000	0.2667	0.4375	0.3333	0.2250
startup		0.9785	0.0215	0.9765	0.9530	0.1491
steel_industry		0.8251	0.1166	0.7956	0.7194	0.3372
steel-b		0.6923	0.3077	0.7005	0.3437	0.6663
steel-d		0.9897	0.0103	0.9140	0.8280	0.3214
steel-k		0.9692	0.0308	0.9520	0.9020	0.1773
steel-o		0.6154	0.3846	0.6684	0.2872	0.7460
steel-p		0.8462	0.1538	0.7152	0.3719	0.5838
steel-s		0.9897	0.0103	0.9310	0.8519	0.0402
steel-z		0.9590	0.0410	0.8958	0.7868	0.4438
stellar		0.9242	0.0505	0.9151	0.8676	0.2186
stock		0.9653	0.0347	0.9482	0.8908	0.3080
stockb		0.9780	0.0147	0.9779	0.9670	0.0648
streaming		0.9740	0.0260	0.9740	0.9476	0.1624
stress		0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle		0.5600	0.1760	0.3202	0.3198	0.4508
student-depression		0.8330	0.1670	0.8267	0.6517	0.5985
student-habits		0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend		0.4154	0.2338	0.2093	0.1587	0.4113
student-workday		0.7031	0.1187	0.1651	0.0000	0.2066
studentap		0.3846	0.4103	0.1852	0.0000	0.4010
susy1%		0.7552	0.2448	0.7527	0.5024	0.7360
susy10%		0.7525	0.2475	0.7499	0.4971	0.7411
tae		0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn		0.8878	0.1122	0.8603	0.7195	0.5252
thoracic		0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff		0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe		0.6737	0.3263	0.6434	0.2861	0.8589
titanic		0.8182	0.1818	0.7833	0.5545	0.6262
tourist		0.6250	0.1250	0.4208	0.5000	0.0941
toxicity		0.4706	0.5294	0.5152	0.0255	0.8903
toxicity-13f		0.6471	0.3529	0.3929	0.0000	0.4762
trains		0.5000	0.5000	0.3333	0.0000	0.5283
transfusion		0.6800	0.3200	0.5934	0.1848	0.8446
tuandromd		0.9574	0.0426	0.9323	0.8626	0.2594
turkish		0.6500	0.1750	0.6370	0.5333	0.3685
ur3_cobotops_grip		0.9333	0.0667	0.6761	0.3163	0.5521
ur3_cobotops_stop		0.9388	0.0612	0.7070	0.3863	0.5759
urinalysis		0.9091	0.0909	0.7101	0.3903	0.5961
ustilago1%		0.9902	0.0098	0.4975	0.0000	0.0377
vehicle		0.5833	0.2083	0.5562	0.4431	0.4844
vehicleVAN		0.7976	0.2024	0.7947	0.5526	0.6142
voice		0.8333	0.1667	0.8537	0.6667	0.4644
vote		0.9302	0.0698	0.9307	0.8605	0.3321
vowel		0.4545	0.0992	0.5242	0.4000	0.3092
vowelZ		0.9697	0.0303	0.9024	0.7843	0.0972
watch-acc1%		0.9921	0.0023	0.9919	0.9907	0.0191
watch-gyr1%		0.9950	0.0014	0.9949	0.9942	0.0130

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.7920	0.1387	0.8082	0.6881	0.3522
weather-related			0.9481	0.0094	0.9530	0.9414	0.0839
web-phishing			0.8148	0.1235	0.6149	0.6632	0.4678
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5535	0.1488	0.2567	0.2822	0.4612
winequality-white			0.4622	0.1537	0.2427	0.2195	0.5405
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yeast			0.5541	0.0892	0.3595	0.4247	0.3925
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9527	0.0473	0.6001	0.1981	0.5887
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9392	0.0608	0.6387	0.2761	0.6261

Table 8: Detailed results for BGLM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1904	0.0771	0.1395	0.1026	0.4727
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8464	0.1536	0.7752	0.5446	0.6284
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878		0.8095	0.1905	0.5447	0.0437	0.6386
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered		0.9029	0.0971	0.5598	0.1166	0.6834
AID1608red		0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.0010	0.9990	0.0010	0.0000	0.0029
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8545	0.1455	0.7886	0.5630	0.5768
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8510	0.1490	0.5880	0.0211	0.3661
airline		0.8744	0.1256	0.8719	0.7435	0.5028
alcohol		0.7524	0.0990	0.2648	0.4011	0.2673
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8419	0.1581	0.8252	0.6498	0.5969
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family		0.9346	0.0327	0.6847	0.8728	0.1606
anuran-genus		0.9527	0.0118	0.8816	0.9215	0.1746
anuran-species		0.9597	0.0081	0.9144	0.9437	0.0724
anxiety		0.0833	0.2037	0.0827	-0.0334	0.8316
apple-quality		0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure		0.9913	0.0087	0.8665	0.7274	0.3115
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.7556	0.0376	0.4209	0.5889	0.2036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.8636	0.0248	0.8305	0.8398	0.0664
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8000	0.0667	0.6970	0.7306	0.1468
avila		0.5347	0.0775	0.3905	0.2889	0.3276
babies		0.4355	0.1613	0.1831	0.1066	0.4376
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.9104	0.0896	0.7473	0.4822	0.5696
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9973	0.0027	0.9186	0.8298	0.1311
bio10%		0.9959	0.0041	0.9030	0.7980	0.4348
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0013	0.0451	-0.0000	0.0145
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	-0.0000	0.0318
body-perf		0.5866	0.2067	0.5756	0.4488	0.5248
bookings		0.9899	0.0067	0.7539	0.9786	0.0523
brain-tumor		0.5080	0.4920	0.5079	0.0159	0.9953
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17		0.9100	0.0900	0.6609	0.0189	0.2078
bub12at310k-hg16-17		0.9096	0.0904	0.6307	0.0129	0.2267
bub8at310k-hg16-17		0.9099	0.0901	0.6414	0.0190	0.2251
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4890	0.3407	0.2536	-0.0065	0.3863
car		0.8448	0.0776	0.6089	0.6665	0.3553
car-insurance		0.8320	0.1680	0.8008	0.6003	0.6312
card		0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography		0.7934	0.0413	0.7594	0.7496	0.2068
cardiotocography-nsp		0.8967	0.0689	0.8174	0.7108	0.2998
cardiovascular		0.7198	0.2802	0.7205	0.4395	0.7908
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5906	0.4533	0.5780
cas_N6512_cdk_ECFP2		0.7512	0.2488	0.7490	0.4975	0.7487
cas_N6512_rdkit_ATOMPAIR		0.7323	0.2677	0.7300	0.4596	0.7773
cas_N6512_RDkit_AtomPair_FP		0.7285	0.2715	0.7261	0.4514	0.7821
cas_N6512_rdkit_AVALON		0.7558	0.2442	0.7552	0.5100	0.7406
cas_N6512_RDkit_Avalon_FP		0.7684	0.2316	0.7671	0.5342	0.7216
cas_N6512_rdkit_descriptors		0.7492	0.2508	0.7477	0.4954	0.7525
cas_N6512_rdkit_FEATMORGAN		0.7527	0.2473	0.7511	0.5022	0.7471
cas_N6512_RDkit_Featmorgan_FP		0.7638	0.2362	0.7620	0.5237	0.7288
cas_N6512_RDkit_FP		0.7147	0.2853	0.7124	0.4244	0.8024
cas_N6512_rdkit_LAYERED		0.7600	0.2400	0.7590	0.5178	0.7350
cas_N6512_RDkit_Layered_FP		0.7439	0.2561	0.7418	0.4831	0.7601
cas_N6512_rdkit_MACCS		0.7680	0.2320	0.7663	0.5290	0.7129
cas_N6512_RDkit_MACCS_FP		0.7561	0.2439	0.7549	0.5097	0.7414

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.7431	0.2569	0.7410	0.4817	0.7615
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.7877	0.2123	0.7865	0.5731	0.6883
cas_N6512_RDkit_pattern_FP		0.7776	0.2224	0.7767	0.5533	0.7055
cas_N6512_rdkit_RDKITFP		0.7235	0.2765	0.7224	0.4446	0.7899
cas_N6512_rdkit_TORSION		0.7185	0.2815	0.7163	0.4324	0.7975
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8485	0.1010	0.4249	0.2040	0.3251
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7927	0.2073	0.7762	0.5519	0.6956
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9453	0.0547	0.5805	0.1196	0.5510
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9542	0.0458	0.7566	0.4801	0.4385
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8341	0.0830	0.7819	0.7471	0.2188
chrom19		0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml		0.8689	0.1311	0.6742	0.2844	0.5710
ci900367j_MACCS		0.7368	0.2632	0.7164	0.4317	0.7823
circles		0.9630	0.0007	0.9646	0.9626	0.0140
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7704	0.1148	0.4942	0.6232	0.3001
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4762	0.3492	0.4428	0.1645	0.7594
cnae-9		0.9537	0.0103	0.9551	0.9479	0.0519
codon_usage		0.8573	0.0260	0.6679	0.8258	0.2215
coil20		0.9861	0.0014	0.9871	0.9854	0.0100
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		0.7000	0.0400	0.6703	0.6656	0.1363
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4		0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7740	0.2260	0.7741	0.5481	0.7105
coupon		0.6814	0.3186	0.6718	0.3421	0.8468
covid19		0.5380	0.1320	0.2168	0.1643	0.3331
covtype		0.7163	0.0811	0.5285	0.5334	0.3804
covtype10%		0.7117	0.0824	0.5302	0.5251	0.3886

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.9473	0.0527	0.8830	0.7630	0.3748
covtypeT		0.9429	0.0571	0.7444	0.4713	0.5159
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9994	0.0006	0.9058	0.8043	0.1705
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8793	0.0402	0.6498	0.7422	0.2895
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1562	0.0422	0.1184	0.1343	0.1148
customer-churn		0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity		0.1500	0.2833	0.1530	-0.0232	0.8799
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7407	0.2593	0.7349	0.4698	0.7686
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1026	0.1795	0.1020	0.0027	0.9218
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8147	0.1853	0.6859	0.3008	0.5989
defect		0.8827	0.1173	0.7477	0.4323	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9013	0.0987	0.7201	0.4163	0.5765
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.7500	0.1667	0.7616	0.6098	0.2841
DIA		0.7500	0.2500	0.6593	0.3182	0.8034
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9566	0.0434	0.8457	0.6772	0.3560
diabetes-risk		0.8521	0.1479	0.7531	0.4922	0.6210
diabetic1%		0.5686	0.2876	0.4749	0.2259	0.6740
diabetic10%		0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6496	0.1402	0.5373	0.4846	0.4208
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.0957	0.9043	0.0873	0.0000	0.2285
dota2		0.6003	0.3997	0.5970	0.1924	0.9262
dota210%		0.5689	0.4311	0.5655	0.1301	0.9537
drebin		0.9807	0.0193	0.9793	0.9586	0.1361
dropout		0.7652	0.1565	0.6778	0.6011	0.4577
drug-01		0.4202	0.1657	0.1676	0.0827	0.5155
drug-02		0.5106	0.1398	0.1695	0.1090	0.5257
drug-03		0.6809	0.0912	0.1346	0.0504	0.3234
drug-04		0.5213	0.1368	0.2076	0.0788	0.4360
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.2212	0.2533	0.4805
drug-07		0.4521	0.1565	0.1362	0.0622	0.3545
drug-08		0.5638	0.1246	0.2096	0.1267	0.4212
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5585	0.1261	0.2216	0.1488	0.3650
drug-11		0.8511	0.0426	0.1317	0.0277	0.1222
drug-12		0.7872	0.0608	0.1258	-0.0056	0.2801
drug-13		0.6170	0.1094	0.1727	0.2194	0.3720

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-14		0.6011	0.1140	0.2882	0.2552	0.3949
drug-15		0.7447	0.0729	0.1231	0.0221	0.2863
drug-16		0.6064	0.1125	0.2573	0.3335	0.3851
drug-17		0.3723	0.1793	0.1790	0.1241	0.4899
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7553	0.0699	0.1233	-0.0042	0.2725
drybean		0.9229	0.0220	0.9339	0.9068	0.1267
ecoli		0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2800	0.3600	0.2797	0.0399	0.8248
eeg		0.3342	0.0832	0.3218	0.2605	0.6628
eeg-eye		0.6395	0.3605	0.6312	0.2573	0.8851
eeg10%		0.3604	0.0799	0.3934	0.2880	0.5815
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6164	0.1534	0.5768	0.5052	0.4118
euthyroid		0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq		0.8955	0.1045	0.8966	0.7912	0.4365
exon.vs.intron-freq10%		0.8900	0.1100	0.8906	0.7800	0.4561
fakenews		0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0163	0.1157	0.0019	0.0000	0.3803
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.7620	0.0793	0.5691	0.5948	0.2281
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9423	0.0288	0.9333	0.9202	0.0859
gas		0.9863	0.0046	0.9857	0.9834	0.0378
gastrointestinal		0.6250	0.2500	0.5906	0.3962	0.5975
gender		0.6000	0.2667	0.3792	0.1413	0.5118
gene		0.9180	0.0547	0.9059	0.8688	0.2249
german		0.7500	0.2500	0.7121	0.3812	0.6824
gestures		0.3408	0.3296	0.3397	0.1210	0.8011
gina		0.8184	0.1816	0.8184	0.6365	0.6276
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6667	0.1111	0.6644	0.5196	0.2537
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4667	0.2667	0.5278	0.2638	0.4580
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.9671	0.0055	0.8698	0.9611	0.0426
har		0.7385	0.1046	0.7274	0.6679	0.4047
har70		0.7619	0.0680	0.4189	0.6155	0.1846
har701%		0.7655	0.0670	0.4275	0.6214	0.1800

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har7010%		0.7621	0.0680	0.4177	0.6159	0.1839
harth		0.6581	0.0570	0.2282	0.5053	0.2291
harth1%		0.6575	0.0571	0.2274	0.5051	0.2265
harth10%		0.6571	0.0571	0.2297	0.5041	0.2304
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.7059	0.2941	0.6913	0.3796	0.8165
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.8365	0.1635	0.8365	0.6729	0.5907
hepmass1%		0.8366	0.1634	0.8366	0.6731	0.5905
hepmass10%		0.8358	0.1642	0.8358	0.6715	0.5922
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.6421	0.3579	0.6390	0.2738	0.8810
higgs0.1%		0.6600	0.3400	0.6573	0.3120	0.8652
higgs1%		0.6420	0.3580	0.6389	0.2720	0.8775
higgs10%		0.6421	0.3579	0.6394	0.2740	0.8798
higher		0.2143	0.1964	0.0750	0.0778	0.2820
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9292	0.0708	0.8728	0.7454	0.4508
hiva		0.9480	0.0520	0.4867	-0.0231	0.6309
horse		0.5833	0.2778	0.5593	0.2867	0.6483
hotel-reservartions		0.8236	0.1764	0.7942	0.5848	0.6365
hr		0.8526	0.1474	0.4602	-0.0199	0.5496
ht-sensor		0.5725	0.2850	0.5751	0.3580	0.6564
ht-sensor10%		0.5543	0.2972	0.5565	0.3310	0.6760
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9019	0.0491	0.3581	0.1321	0.2749
hypothyroidT		0.9655	0.0345	0.8767	0.7533	0.4085
ilpd		0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9600	0.0200	0.9602	0.9467	0.0814
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9320	0.0052	0.9326	0.9292	0.0615
jm1		0.8163	0.1837	0.6289	0.1485	0.5583
jvowels		0.9378	0.0138	0.9337	0.9294	0.0957
kc1		0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6154	0.1538	0.3650	0.2935	0.3817
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9623	0.0058	0.4599	0.9368	0.1079
kepler		0.7092	0.1939	0.6817	0.5477	0.4250
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2827	0.0797	0.2182	0.1791	0.5285

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krvskp		0.9749	0.0251	0.9749	0.9498	0.1583
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.8824	0.0102	0.9022	0.8764	0.0352
led24		0.6500	0.0700	0.6532	0.6078	0.1649
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7150	0.0219	0.7136	0.7035	0.2712
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8333	0.0222	0.8554	0.8212	0.0797
linkage		1.0000	0.0000	0.9993	0.9986	0.0030
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9204	0.0796	0.9148	0.8292	0.3758
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8302	0.0340	0.4256	0.7605	0.1108
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5769	0.4231	0.5781	0.1538	0.9406
magic04		0.7817	0.2183	0.7523	0.4971	0.7031
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.9018	0.0982	0.7768	0.5110	0.4530
maternal		0.6337	0.2442	0.6411	0.4348	0.5369
math		0.6750	0.1625	0.6557	0.4951	0.4078
mba		0.8242	0.1172	0.3834	0.1130	0.3773
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2400	0.3040	0.2448	0.0484	0.8369
messidor		0.7304	0.2696	0.7298	0.4578	0.7758
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.8282	0.7672	0.1909
meter-D		0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac		0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-fou		0.8450	0.0310	0.8494	0.8278	0.1402
mfeat-kar		0.9600	0.0080	0.9604	0.9556	0.0503
mfeat-mor		0.7200	0.0560	0.7205	0.6889	0.2135
mfeat-pix		0.9650	0.0070	0.9659	0.9611	0.0389
mfeat-zer		0.8150	0.0370	0.8188	0.7944	0.1068
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8868	0.0755	0.8903	0.8293	0.2463
mines		0.5588	0.1765	0.5657	0.4457	0.3747
mobile		0.7657	0.0084	0.7823	0.7615	0.1065
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.6786	0.3214	0.6778	0.3547	0.8463

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4833	0.0939	0.4809	0.3703	0.5368
musk		0.9379	0.0621	0.8732	0.7235	0.2657
MUT_ci300400a_cdk_ECFP2		0.8094	0.1906	0.8025	0.6036	0.6485
MUT_ci300400a_cdk_ECFP4		0.7868	0.2132	0.7795	0.5586	0.6940
MUT_ci300400a_cdk_ESTATE		0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED		0.7902	0.2098	0.7838	0.5676	0.6888
MUT_ci300400a_cdk_FCFP2		0.7820	0.2180	0.7746	0.5487	0.7026
MUT_ci300400a_cdk_FCFP6		0.7902	0.2098	0.7845	0.5690	0.6887
MUT_ci300400a_cdk_MACCS		0.7626	0.2374	0.7529	0.5016	0.7273
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.7808	0.2192	0.7747	0.5494	0.7053
MUT_ci300400a_rdkit_descriptors		0.7895	0.2105	0.7835	0.5662	0.6869
myocardial		0.8941	0.0265	0.3870	0.5081	0.0859
naticusdroid		0.9628	0.0372	0.9629	0.9257	0.2123
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.3843	0.0648	0.1202	0.0770	0.3054
ncRNA1%		0.7047	0.0311	0.1150	0.3643	0.3470
ncRNA10%		0.0325	0.1018	0.0336	-0.0104	0.4081
neo		0.9027	0.0973	0.6080	0.1117	0.4714
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6478	0.3522	0.6450	0.2893	0.8823
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9431	0.0569	0.9302	0.8604	0.3270
NPHA-doctor-visits		0.4861	0.3426	0.2694	-0.0517	0.5491
nursery		0.9136	0.0346	0.5555	0.8720	0.1278
obesity		0.7536	0.0704	0.7487	0.7122	0.2571
obs		0.7963	0.1019	0.8408	0.6947	0.2488
occupancy		0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation		0.9931	0.0035	0.9755	0.9789	0.0128
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.9474	0.0117	0.9345	0.9347	0.0365
opn310k		0.9092	0.0908	0.6567	0.0019	0.2090
opn310k10%		0.9133	0.0867	0.6366	0.0549	0.2693
opnat310k-hg16-17		0.9092	0.0908	0.6251	0.0055	0.2193
optdigits		0.9644	0.0071	0.9656	0.9604	0.0527
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr		0.9209	0.0791	0.6211	0.1984	0.5790
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7938	0.2062	0.7780	0.5538	0.6913
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9616	0.0154	0.6895	0.7603	0.2773
parkinson		0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons		0.7962	0.2038	0.7909	0.5784	0.6736
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.9108	0.0892	0.8891	0.7782	0.4437
particle10%		0.9054	0.0946	0.8838	0.7675	0.4653
pasture		0.5000	0.3333	0.2667	0.1111	0.2969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pc1			0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.9363	0.0127	0.9358	0.9292	0.0969
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.7988	0.2012	0.7842	0.5680	0.6805
personalities			0.9142	0.0107	0.9142	0.9084	0.1346
pet-adoption			0.9200	0.0800	0.9103	0.8088	0.2835
phishing			0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.6455	0.1013	0.6217	0.5844	0.3554
phone-acc1%			0.6616	0.0967	0.6266	0.6028	0.3354
phone-acc10%			0.6633	0.0962	0.6355	0.6052	0.3446
phone-gyr0.1%			0.5987	0.1147	0.5693	0.5295	0.3894
phone-gyr1%			0.6239	0.1075	0.6019	0.5596	0.3697
phone-gyr10%			0.6472	0.1008	0.6201	0.5866	0.3572
phoneme			0.7593	0.2407	0.6882	0.3725	0.7782
phy			0.7066	0.2934	0.7066	0.4131	0.8120
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.9798	0.0135	0.9589	0.9348	0.1127
placement			0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth			0.8947	0.1053	0.8944	0.7889	0.4478
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd			0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th			0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th			0.9374	0.0626	0.6815	0.2542	0.3924
polya			0.7849	0.2151	0.7594	0.5140	0.7011
popularity			0.6620	0.2253	0.4104	0.2004	0.4757
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.7586	0.0965	0.7645	0.6981	0.3170
pred-tox_mutagen_ref-desc			0.7059	0.2941	0.7062	0.4118	0.8115
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.5152	0.0746	0.5103	0.4623	0.2568
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.8060	0.1940	0.7737	0.5442	0.6746
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8242	0.0703	0.7575	0.7611	0.2467
puc-rio10%			0.8304	0.0678	0.7591	0.7698	0.2417
pufs-1281%			0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%			0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%			0.5019	0.4981	0.5019	0.0038	0.9989
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
reuters21578			0.0012	0.0416	0.0001	0.0000	0.2549
rice			0.9868	0.0132	0.9867	0.9733	0.0921
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6081	0.3919	0.5793	0.1540	0.9234
RT_IOT2022			0.1844	0.1359	0.3896	0.0983	0.2564
satimage			0.8351	0.0550	0.7865	0.7940	0.1932
satimageF			0.9829	0.0171	0.9552	0.9101	0.1937
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8782	0.1218	0.5916	0.1767	0.6389
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9394	0.0173	0.9455	0.9291	0.0746
segmentation			0.8168	0.1832	0.7977	0.5945	0.6489
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.1339	0.8661	0.1181	0.0000	0.2968
sens-2-gram			0.8474	0.1526	0.5114	0.0143	0.6901
sens-3-gram			0.7605	0.2395	0.5570	0.1106	0.7439
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-9-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.2622	0.1341	0.2795	0.1885	0.4388
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8856	0.1144	0.7440	0.4269	0.4764
shuttle			0.9333	0.0191	0.5096	0.7935	0.1900
sick			0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9188	0.0812	0.8779	0.7557	0.4666
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1600	0.4200	0.1541	-0.1194	0.8875
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.7479	0.2521	0.7337	0.4665	0.7624
soil_pollution			0.2033	0.3187	0.2056	0.0026	0.8626
solar-flare			0.7554	0.0815	0.6869	0.6850	0.1857
sonar			0.4000	0.6000	0.4000	-0.2000	1.0000
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9430	0.0570	0.8110	0.6114	0.4556
spambase			0.9087	0.0913	0.9043	0.8058	0.3907
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer			0.4038	0.0442	0.2433	0.3666	0.2014
splice-EI			0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE			0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles			0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7537	0.1642	0.7009	0.5988	0.4698
steel-b			0.8256	0.1744	0.7006	0.3742	0.6660
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.7744	0.2256	0.7417	0.4507	0.6572
steel-p			0.9333	0.0667	0.7482	0.4840	0.5404
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.8709	0.0861	0.8791	0.7829	0.2967
stock			0.9097	0.0903	0.8381	0.6702	0.4796
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8000	0.2000	0.7975	0.5949	0.6667
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6450	0.1420	0.3614	0.4059	0.3789
student-depression			0.8348	0.1652	0.8287	0.6563	0.5969
student-habits			0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend			0.3385	0.2646	0.2131	0.0848	0.7165
student-workday			0.6719	0.1313	0.1686	0.0980	0.4939
studentap			0.4615	0.3590	0.4444	0.1727	0.7144
susy			0.7880	0.2120	0.7880	0.5664	0.6593
susy1%			0.7942	0.2058	0.7939	0.5797	0.6519
susy10%			0.7893	0.2107	0.7891	0.5695	0.6595
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.9034	0.0966	0.8747	0.7490	0.4700
texture			0.9964	0.0007	0.9965	0.9960	0.0059
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9035	0.0965	0.8715	0.7428	0.4886
tis10%			0.8731	0.1269	0.8219	0.6399	0.5541
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8824	0.0588	0.9083	0.8440	0.0951
toxicity			0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.0732	0.2060	0.0152	0.0000	0.3657
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.1212	0.3515	0.0432	0.0000	0.2551
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.8250	0.0875	0.8268	0.7667	0.2280
tvnews			0.8985	0.1015	0.8901	0.7801	0.4495
tvnews1%			0.9308	0.0692	0.9261	0.8520	0.3518
tvnews10%			0.9013	0.0987	0.8930	0.7850	0.4329
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8209	0.0398	0.8486	0.7910	0.1449
urinalysis			0.9510	0.0490	0.7039	0.3436	0.4349
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7500	0.1250	0.7356	0.6670	0.2101
vehicleVAN			0.9643	0.0357	0.9523	0.9000	0.1262
voice			0.8333	0.1667	0.8537	0.6667	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5051	0.0900	0.4554	0.4556	0.2219
vowelZ			0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17			0.9223	0.0777	0.7091	0.3654	0.4957
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.5901	0.1171	0.5769	0.5196	0.4459
watch-acc1%			0.6072	0.1122	0.5932	0.5393	0.4364
watch-acc10%			0.6040	0.1131	0.5877	0.5354	0.4437
watch-gyr			0.6018	0.1138	0.5910	0.5341	0.4061
watch-gyr1%			0.5961	0.1154	0.5789	0.5276	0.4173
watch-gyr10%			0.5828	0.1192	0.5690	0.5119	0.4142
water_pollution			0.2100	0.3950	0.2113	-0.0533	0.8877
waveform			0.8520	0.0987	0.8521	0.7780	0.3485
weather-related			0.9635	0.0066	0.9640	0.9585	0.0483
web-phishing			0.8222	0.1185	0.6635	0.6687	0.3896
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.8818	0.0473	0.8758	0.8502	0.1964
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9752	0.0248	0.8526	0.6876	0.2866
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6038	0.1321	0.2773	0.3435	0.3787
winequality-white			0.5194	0.1373	0.2439	0.2123	0.4237
winnipeg			0.0720	0.2651	0.0371	-0.0178	0.4630
winnipeg10%			0.9902	0.0028	0.9862	0.9876	0.0214
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.4662	0.1068	0.2929	0.3095	0.4105
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9312	0.0138	0.9253	0.9228	0.1048

Table 9: Detailed results for BGLM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1952	0.0766	0.1445	0.1150	0.4864
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.2369	0.7631	0.1915	0.0000	0.4299
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878		0.8095	0.1905	0.5447	0.0437	0.6386
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered		0.9029	0.0971	0.5598	0.1166	0.6834
AID1608red		0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8545	0.1455	0.7886	0.5630	0.5768
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8510	0.1490	0.5880	0.0211	0.3661
airline		0.8744	0.1256	0.8719	0.7435	0.5028
alcohol		0.8000	0.0800	0.4179	0.5135	0.1838
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8419	0.1581	0.8252	0.6498	0.5969
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family		0.9527	0.0236	0.8942	0.9089	0.1979
anuran-genus		0.9680	0.0080	0.9377	0.9469	0.1067
anuran-species		0.9806	0.0039	0.9547	0.9729	0.0521
anxiety		0.0917	0.2019	0.0855	-0.0241	0.8033
apple-quality		0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure		0.9913	0.0087	0.8665	0.7274	0.3115
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7500	0.2500	0.7462	0.4898	0.7480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.6889	0.0479	0.4083	0.4772	0.3413
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.8182	0.0331	0.7237	0.7859	0.0790
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.5649	0.0725	0.4754	0.3557	0.4050
babies		0.4274	0.1636	0.1396	0.0948	0.4943
balance		0.8871	0.0753	0.7647	0.8002	0.3634
bank		0.9104	0.0896	0.7473	0.4822	0.5696
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9973	0.0027	0.9186	0.8298	0.1311
bio10%		0.9959	0.0041	0.9030	0.7980	0.4348
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	-0.0000	0.0318
body-perf		0.6343	0.1828	0.6325	0.5124	0.4981
bookings		0.9899	0.0067	0.7539	0.9786	0.0523
brain-tumor		0.5080	0.4920	0.5079	0.0159	0.9953
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5820	0.5644	0.1810
bridges		0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17		0.9100	0.0900	0.6609	0.0189	0.2078
bub12at310k-hg16-17		0.9096	0.0904	0.6307	0.0129	0.2267
bub8at310k-hg16-17		0.9099	0.0901	0.6414	0.0190	0.2251
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4900	0.3400	0.2584	-0.0047	0.3805
car		0.8966	0.0517	0.8773	0.7799	0.2697
car-insurance		0.8320	0.1680	0.8008	0.6003	0.6312
card		0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography		0.8498	0.0300	0.8026	0.8197	0.1745
cardiotocography-nsp		0.8920	0.0720	0.8070	0.7004	0.3640
cardiovascular		0.7198	0.2802	0.7205	0.4395	0.7908
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6268	0.5084	0.5331
cas_N6512_cdk_ECFP2		0.7512	0.2488	0.7490	0.4975	0.7487
cas_N6512_rdkit_ATOMPAIR		0.7323	0.2677	0.7300	0.4596	0.7773
cas_N6512_RDkit_AtomPair_FP		0.7285	0.2715	0.7261	0.4514	0.7821
cas_N6512_rdkit_AVALON		0.7558	0.2442	0.7552	0.5100	0.7406
cas_N6512_RDkit_Avalon_FP		0.7684	0.2316	0.7671	0.5342	0.7216
cas_N6512_rdkit_descriptors		0.7492	0.2508	0.7477	0.4954	0.7525
cas_N6512_rdkit_FEATMORGAN		0.7527	0.2473	0.7511	0.5022	0.7471
cas_N6512_RDkit_Featmorgan_FP		0.7638	0.2362	0.7620	0.5237	0.7288
cas_N6512_RDkit_FP		0.7147	0.2853	0.7124	0.4244	0.8024
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.7439	0.2561	0.7418	0.4831	0.7601
cas_N6512_rdkit_MACCS		0.7680	0.2320	0.7663	0.5290	0.7129
cas_N6512_RDkit_MACCS_FP		0.7561	0.2439	0.7549	0.5097	0.7414

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.7431	0.2569	0.7410	0.4817	0.7615
cas_N6512_RDkit_morgan_FP		0.7623	0.2377	0.7606	0.5212	0.7317
cas_N6512_rdkit_PATTERN		0.7877	0.2123	0.7865	0.5731	0.6883
cas_N6512_RDkit_pattern_FP		0.7776	0.2224	0.7767	0.5533	0.7055
cas_N6512_rdkit_RDKITFP		0.7235	0.2765	0.7224	0.4446	0.7899
cas_N6512_rdkit_TORSION		0.7185	0.2815	0.7163	0.4324	0.7975
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8485	0.1010	0.4248	0.2036	0.3248
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7927	0.2073	0.7762	0.5519	0.6956
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9453	0.0547	0.5805	0.1196	0.5510
CDS49_AID687_Rdkit-ecfp4-fp		0.9970	0.0030	0.4992	-0.0010	0.4761
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9542	0.0458	0.7566	0.4801	0.4385
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8965	0.0517	0.8845	0.8450	0.2149
chrom19		0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml		0.8689	0.1311	0.6742	0.2844	0.5710
ci900367j_MACCS		0.7368	0.2632	0.7164	0.4317	0.7823
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7857	0.1429	0.5337	0.5685	0.3575
cjs		0.2429	0.2524	0.0651	0.0000	0.3839
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8028	0.0986	0.5626	0.6907	0.3152
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4709	0.2006	0.7442
cnae-9		0.9722	0.0062	0.9729	0.9688	0.0312
codon_usage		0.8864	0.0207	0.7437	0.8618	0.1878
coil20		0.9931	0.0007	0.9933	0.9927	0.0048
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4		0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7740	0.2260	0.7741	0.5481	0.7105
coupon		0.6814	0.3186	0.6718	0.3421	0.8468
covid19		0.5389	0.1317	0.2169	0.1647	0.3327
covtype		0.7257	0.0784	0.5496	0.5499	0.3755

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.7207	0.0798	0.5591	0.5400	0.3737
covtypeCD		0.9473	0.0527	0.8830	0.7630	0.3748
covtypeT		0.9429	0.0571	0.7444	0.4713	0.5159
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9994	0.0006	0.9058	0.8043	0.1705
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9023	0.0326	0.8042	0.7938	0.2605
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4688	0.0266	0.3281	0.4549	0.0759
customer-churn		0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity		0.1633	0.2789	0.1648	-0.0070	0.8743
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7407	0.2593	0.7349	0.4698	0.7686
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1002	0.1800	0.0996	0.0000	0.9226
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8147	0.1853	0.6859	0.3008	0.5989
defect		0.8827	0.1173	0.7477	0.4323	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9013	0.0987	0.7201	0.4163	0.5765
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.3639	0.1351	0.4618
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.7500	0.1667	0.7616	0.6098	0.2841
DIA		0.7500	0.2500	0.6593	0.3182	0.8034
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9566	0.0434	0.8457	0.6772	0.3560
diabetes-risk		0.8521	0.1479	0.7531	0.4922	0.6210
diabetic1%		0.5882	0.2745	0.4003	0.2287	0.5238
diabetic10%		0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6568	0.1373	0.5574	0.5012	0.4381
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.0957	0.9043	0.0873	0.0000	0.2285
dota2		0.6003	0.3997	0.5970	0.1924	0.9262
dota210%		0.5689	0.4311	0.5655	0.1301	0.9537
drebin		0.9807	0.0193	0.9793	0.9586	0.1361
dropout		0.7720	0.1520	0.6942	0.6177	0.4586
drug-01		0.4149	0.1672	0.1842	0.0935	0.5587
drug-02		0.5160	0.1383	0.1803	0.1117	0.5394
drug-03		0.6596	0.0973	0.1318	0.0143	0.3933
drug-04		0.5000	0.1429	0.1355	0.0661	0.6300
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4043	0.1702	0.2151	0.2389	0.5496
drug-07		0.4468	0.1581	0.1329	0.0531	0.3544
drug-08		0.5585	0.1261	0.1812	0.1133	0.4257
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.2199	0.1420	0.3665
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-13		0.6170	0.1094	0.1785	0.2433	0.3893
drug-14		0.5957	0.1155	0.2588	0.2394	0.4885
drug-15		0.7500	0.0714	0.1232	0.0152	0.2713
drug-16		0.5904	0.1170	0.2466	0.3016	0.3848
drug-17		0.3564	0.1839	0.1637	0.1063	0.5345
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7553	0.0699	0.1229	-0.0198	0.2767
drybean		0.9280	0.0206	0.9403	0.9129	0.1185
ecoli		0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2596	0.0140	0.8437
eeg		0.3850	0.0769	0.4332	0.3183	0.6315
eeg-eye		0.6395	0.3605	0.6312	0.2573	0.8851
eeg10%		0.3875	0.0766	0.4218	0.3218	0.6089
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6712	0.1315	0.6504	0.5765	0.3867
euthyroid		0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq		0.8955	0.1045	0.8966	0.7912	0.4365
exon.vs.intron-freq10%		0.8900	0.1100	0.8906	0.7800	0.4561
fakenews		0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.8089	0.0225	0.7597	0.7814	0.1477
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.8425	0.0525	0.6593	0.7497	0.2557
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9231	0.0385	0.9006	0.8941	0.1186
gas		0.9914	0.0029	0.9917	0.9895	0.0236
gastrointestinal		0.5625	0.2917	0.5460	0.2956	0.5871
gender		0.6021	0.2653	0.3807	0.1449	0.5100
gene		0.9117	0.0589	0.9021	0.8586	0.2565
german		0.7500	0.2500	0.7121	0.3812	0.6824
gestures		0.3219	0.3390	0.3204	0.0959	0.8164
gina		0.8184	0.1816	0.8184	0.6365	0.6276
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6667	0.1111	0.6934	0.5288	0.2337
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.6000	0.2000	0.5958	0.4578	0.4065
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.9680	0.0053	0.8666	0.9622	0.0320
har		0.7971	0.0811	0.7867	0.7422	0.3352
har70		0.7731	0.0648	0.4321	0.6326	0.1595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har701%		0.7739	0.0646	0.4351	0.6345	0.1650
har7010%		0.7709	0.0654	0.4263	0.6294	0.1645
harth		0.6776	0.0537	0.2673	0.5412	0.2456
harth1%		0.6768	0.0539	0.2649	0.5406	0.2395
harth10%		0.6761	0.0540	0.2677	0.5390	0.2444
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.7059	0.2941	0.6913	0.3796	0.8165
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.8365	0.1635	0.8365	0.6729	0.5907
hepmass1%		0.8366	0.1634	0.8366	0.6731	0.5905
hepmass10%		0.8358	0.1642	0.8358	0.6715	0.5922
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.6421	0.3579	0.6390	0.2738	0.8810
higgs0.1%		0.6600	0.3400	0.6573	0.3120	0.8652
higgs1%		0.6420	0.3580	0.6389	0.2720	0.8775
higgs10%		0.6421	0.3579	0.6394	0.2740	0.8798
higher		0.2857	0.1786	0.2391	0.1667	0.3154
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9292	0.0708	0.8728	0.7454	0.4508
hiva		0.9480	0.0520	0.4867	-0.0231	0.6309
horse		0.6111	0.2593	0.5689	0.3386	0.6753
hotel-reservartions		0.8236	0.1764	0.7942	0.5848	0.6365
hr		0.8526	0.1474	0.4602	-0.0199	0.5496
ht-sensor		0.5937	0.2709	0.5974	0.3875	0.6379
ht-sensor10%		0.5846	0.2769	0.5882	0.3741	0.6473
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9337	0.0332	0.4683	0.4037	0.0722
hypothyroidT		0.9655	0.0345	0.8767	0.7533	0.4085
ilpd		0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9640	0.0180	0.9641	0.9520	0.0759
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9345	0.0050	0.9361	0.9319	0.0583
jm1		0.8163	0.1837	0.6289	0.1485	0.5583
jvowels		0.9578	0.0094	0.9553	0.9522	0.0672
kc1		0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6154	0.1538	0.3650	0.2935	0.3817
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9970	0.0005	0.8088	0.9949	0.0185
kepler		0.8818	0.0788	0.8389	0.8051	0.2076
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krkopt		0.2859	0.0793	0.2460	0.1908	0.6115
krvskp		0.9749	0.0251	0.9749	0.9498	0.1583
la1s-wc		0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7941	0.0179	0.8018	0.7836	0.0614
led24		0.6500	0.0700	0.6322	0.6034	0.1499
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8350	0.0127	0.8343	0.8283	0.1711
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.9167	0.0111	0.9305	0.9105	0.0381
linkage		1.0000	0.0000	0.9993	0.9986	0.0030
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9204	0.0796	0.9148	0.8292	0.3758
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8679	0.0264	0.4539	0.8143	0.0702
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5769	0.4231	0.5781	0.1538	0.9406
magic04		0.7817	0.2183	0.7523	0.4971	0.7031
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.9018	0.0982	0.7768	0.5110	0.4530
maternal		0.6040	0.2640	0.6025	0.3915	0.5826
math		0.8000	0.1000	0.7323	0.6875	0.2533
mba		0.8242	0.1172	0.3834	0.1130	0.3773
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2467	0.3013	0.2520	0.0569	0.8333
messidor		0.7304	0.2696	0.7298	0.4578	0.7758
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac		0.9750	0.0050	0.9754	0.9722	0.0291
mfeat-fou		0.8650	0.0270	0.8660	0.8500	0.1249
mfeat-kar		0.9700	0.0060	0.9710	0.9667	0.0353
mfeat-mor		0.7150	0.0570	0.7183	0.6833	0.2025
mfeat-pix		0.9800	0.0040	0.9806	0.9778	0.0250
mfeat-zer		0.8200	0.0360	0.8237	0.8000	0.1064
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9151	0.0566	0.9152	0.8712	0.1964
mines		0.5294	0.1882	0.4634	0.4106	0.3962
mobile		0.8741	0.0045	0.8845	0.8718	0.0604
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-3		0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4906	0.0926	0.4951	0.3801	0.5120
musk		0.9379	0.0621	0.8732	0.7235	0.2657
MUT_ci300400a_cdk_ECFP2		0.8094	0.1906	0.8025	0.6036	0.6485
MUT_ci300400a_cdk_ECFP4		0.7868	0.2132	0.7795	0.5586	0.6940
MUT_ci300400a_cdk_ECFP6		0.7569	0.2431	0.7480	0.4948	0.7434
MUT_ci300400a_cdk_ESTATE		0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED		0.7902	0.2098	0.7838	0.5676	0.6888
MUT_ci300400a_cdk_FCFP2		0.7820	0.2180	0.7746	0.5487	0.7026
MUT_ci300400a_cdk_FCFP4		0.7770	0.2230	0.7695	0.5388	0.7116
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.7626	0.2374	0.7529	0.5016	0.7273
MUT_ci300400a_cdk_PUBCHEM		0.8335	0.1665	0.8276	0.6537	0.5974
MUT_ci300400a_cdk_STANDARD		0.7808	0.2192	0.7747	0.5494	0.7053
MUT_ci300400a_rdkit_descriptors		0.7895	0.2105	0.7835	0.5662	0.6869
myocardial		0.8706	0.0324	0.3527	0.4479	0.4859
naticusdroid		0.9628	0.0372	0.9629	0.9257	0.2123
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.5799	0.0442	0.2629	0.0785	0.5294
ncRNA10%		0.2024	0.0840	0.2752	0.0776	0.6310
neo		0.9027	0.0973	0.6080	0.1117	0.4714
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6478	0.3522	0.6450	0.2893	0.8823
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9431	0.0569	0.9302	0.8604	0.3270
NPHA-doctor-visits		0.4861	0.3426	0.2815	-0.0382	0.6639
nursery		0.9329	0.0269	0.7193	0.9014	0.1202
obesity		0.9573	0.0122	0.9565	0.9502	0.0646
obs		0.8333	0.0833	0.8768	0.7477	0.1984
occupancy		0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation		0.9941	0.0030	0.9784	0.9819	0.0130
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0761	0.1848	0.0141	0.0000	0.3996
oh5-wc		0.0549	0.1890	0.0104	0.0000	0.4076
olive		0.9298	0.0156	0.9174	0.9123	0.0441
opn310k		0.9092	0.0908	0.6567	0.0019	0.2090
opn310k10%		0.9133	0.0867	0.6366	0.0549	0.2693
opnat310k-hg16-17		0.9092	0.0908	0.6251	0.0055	0.2193
optdigits		0.9786	0.0043	0.9797	0.9763	0.0327
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr		0.9209	0.0791	0.6211	0.1984	0.5790
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7938	0.2062	0.7780	0.5538	0.6913
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9799	0.0080	0.9386	0.8837	0.0939
parkinson		0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons		0.7962	0.2038	0.7909	0.5784	0.6736
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle			0.9108	0.0892	0.8891	0.7782	0.4437
particle10%			0.9054	0.0946	0.8838	0.7675	0.4653
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia			0.2353	0.2185	0.0544	0.0000	0.3686
pendigits			0.9791	0.0042	0.9792	0.9767	0.0357
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.7988	0.2012	0.7842	0.5680	0.6805
personalities			0.9515	0.0061	0.9515	0.9483	0.0826
pet-adoption			0.9200	0.0800	0.9103	0.8088	0.2835
phishing			0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%			0.7052	0.0842	0.6863	0.6549	0.2784
phone-acc1%			0.7200	0.0800	0.6923	0.6721	0.2623
phone-acc10%			0.6493	0.1002	0.6506	0.5900	0.3308
phone-gyr0.1%			0.6999	0.0857	0.6706	0.6483	0.2819
phone-gyr1%			0.7074	0.0836	0.6803	0.6573	0.2831
phone-gyr10%			0.6357	0.1041	0.6379	0.5745	0.3522
phoneme			0.7593	0.2407	0.6882	0.3725	0.7782
phy			0.7066	0.2934	0.7066	0.4131	0.8120
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.9928	0.0048	0.9876	0.9774	0.0608
placement			0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth			0.8947	0.1053	0.8944	0.7889	0.4478
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd			0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th			0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th			0.9374	0.0626	0.6815	0.2542	0.3924
polya			0.7849	0.2151	0.7594	0.5140	0.7011
popularity			0.6625	0.2250	0.4423	0.2063	0.5023
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8474	0.0611	0.8478	0.8091	0.2502
pred-tox_mutagen_ref-desc			0.7059	0.2941	0.7062	0.4118	0.8115
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.5758	0.0653	0.4625	0.5266	0.2109
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.8060	0.1940	0.7737	0.5442	0.6746
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.2620	0.2952	0.0830	0.0000	0.3607
puc-rio10%			0.8546	0.0582	0.8033	0.8047	0.2381
pufs-1281%			0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%			0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-64			0.5020	0.4980	0.5020	0.0040	0.9980
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%			0.5019	0.4981	0.5019	0.0038	0.9989
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.4133	0.0903	0.1076	0.0347	0.2711
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9868	0.0132	0.9867	0.9733	0.0921
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6081	0.3919	0.5793	0.1540	0.9234
RT_IOT2022			0.9425	0.0096	0.8989	0.8556	0.0322
satimage			0.8631	0.0456	0.8343	0.8306	0.1951
satimageF			0.9829	0.0171	0.9552	0.9101	0.1937
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8782	0.1218	0.5916	0.1767	0.6389
secondary_mushroom			0.8721	0.1279	0.8710	0.7418	0.5100
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9610	0.0111	0.9646	0.9544	0.0560
segmentation			0.8168	0.1832	0.7977	0.5945	0.6489
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8474	0.1526	0.5114	0.0143	0.6901
sens-3-gram			0.7605	0.2395	0.5570	0.1106	0.7439
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9082	0.0167	0.9087	0.8990	0.0938
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8856	0.1144	0.7440	0.4269	0.4764
shuttle			0.9695	0.0087	0.8658	0.9118	0.1773
sick			0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9188	0.0812	0.8779	0.7557	0.4666
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1800	0.4100	0.1726	-0.0974	0.8728
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.7479	0.2521	0.7337	0.4665	0.7624
soil_pollution			0.1967	0.3213	0.1992	-0.0057	0.8713
solar-flare			0.7626	0.0791	0.6918	0.6941	0.1853
sonar			0.4000	0.6000	0.4000	-0.2000	1.0000
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9430	0.0570	0.8110	0.6114	0.4556
spambase			0.9087	0.0913	0.9043	0.8058	0.3907
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer			0.7308	0.0199	0.6249	0.7144	0.0887
splice-EI			0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE			0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles			0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7597	0.1602	0.7110	0.6104	0.4635

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-b			0.8256	0.1744	0.7006	0.3742	0.6660
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.7744	0.2256	0.7417	0.4507	0.6572
steel-p			0.9333	0.0667	0.7482	0.4840	0.5404
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.9646	0.0236	0.9591	0.9369	0.1217
stock			0.9097	0.0903	0.8381	0.6702	0.4796
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.8000	0.2000	0.7975	0.5949	0.6667
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6350	0.1460	0.3546	0.3965	0.4099
student-depression			0.8348	0.1652	0.8287	0.6563	0.5969
student-habits			0.4100	0.2360	0.1886	0.0638	0.4631
student-weekend			0.3846	0.2462	0.3125	0.1591	0.6287
student-workday			0.6719	0.1313	0.1670	0.0801	0.4927
studentap			0.3846	0.4103	0.3833	0.0545	0.7688
susy			0.7880	0.2120	0.7880	0.5664	0.6593
susy1%			0.7942	0.2058	0.7939	0.5797	0.6519
susy10%			0.7893	0.2107	0.7891	0.5695	0.6595
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn			0.9034	0.0966	0.8747	0.7490	0.4700
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9035	0.0965	0.8715	0.7428	0.4886
tis10%			0.8731	0.1269	0.8219	0.6399	0.5541
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.8824	0.0588	0.8875	0.8426	0.1448
toxicity			0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.0732	0.2060	0.0152	0.0000	0.3657
trec12-wc			0.1613	0.2097	0.0347	0.0000	0.3749
trec21-wc			0.1212	0.3515	0.0432	0.0000	0.2551
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.8750	0.0625	0.8864	0.8333	0.1600
tvnews			0.8985	0.1015	0.8901	0.7801	0.4495
tvnews1%			0.9308	0.0692	0.9261	0.8520	0.3518
tvnews10%			0.9013	0.0987	0.8930	0.7850	0.4329
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8657	0.0299	0.8688	0.8425	0.1043
urinalysis			0.9510	0.0490	0.7039	0.3436	0.4349
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vehicle			0.7738	0.1131	0.7521	0.6973	0.1905
vehicleVAN			0.9643	0.0357	0.9523	0.9000	0.1262
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5859	0.0753	0.6157	0.5444	0.2193
vowelZ			0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17			0.9223	0.0777	0.7091	0.3654	0.4957
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.6874	0.0893	0.6761	0.6340	0.3483
watch-acc1%			0.6758	0.0926	0.6638	0.6204	0.3560
watch-acc10%			0.6860	0.0897	0.6729	0.6322	0.3446
watch-gyr			0.6047	0.1129	0.6233	0.5390	0.3851
watch-gyr1%			0.6416	0.1024	0.6408	0.5808	0.3472
watch-gyr10%			0.5459	0.1297	0.5690	0.4705	0.4198
water_pollution			0.2200	0.3900	0.2213	-0.0400	0.8825
waveform			0.8380	0.1080	0.8381	0.7570	0.3725
weather-related			0.9731	0.0049	0.9739	0.9695	0.0408
web-phishing			0.8074	0.1284	0.6427	0.6497	0.5026
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.9187	0.0325	0.9166	0.8971	0.1462
white-clover			0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9752	0.0248	0.8526	0.6876	0.2866
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5786	0.1405	0.2667	0.3130	0.4541
winequality-white			0.5276	0.1350	0.2629	0.2414	0.4203
winnipeg			0.0035	0.2847	0.0010	0.0000	0.3888
winnipeg10%			0.9911	0.0025	0.9930	0.9887	0.0197
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.5068	0.0986	0.3404	0.3626	0.3409
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9462	0.0108	0.9422	0.9397	0.0846

Table 10: Detailed results for BoostTree

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1319	0.0599	0.0777	0.0574	0.6621
abalone19		0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18		0.9178	0.0822	0.6033	0.2065	0.6507
accelerometer		0.9800	0.0200	0.6603	0.3095	0.5385
accident		0.4500	0.5500	0.4497	-0.1000	1.0000
ads		0.9207	0.0793	0.8519	0.6987	0.5299
adult		0.8319	0.1681	0.7599	0.5186	0.6719
advanced-iot		0.9883	0.0039	0.9886	0.9860	0.0259
AID_1431		0.8730	0.1270	0.5665	0.1318	0.7120
AID_1431_KlekotaRothFingerprinter		0.8413	0.1587	0.5020	0.0040	0.7137
AID_1431_MACCSFingerprinter		0.8651	0.1349	0.5587	0.1171	0.7128
AID_1878		0.7238	0.2762	0.5785	0.1549	0.8023
AID_602330		0.9375	0.0625	0.5566	0.1111	0.6388
AID_652128		0.8384	0.1077	0.4663	0.1344	0.6272
AID1284Morered		0.7778	0.2222	0.6049	0.2044	0.7424
AID1284red		0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered		0.9029	0.0971	0.7049	0.3941	0.6251
AID1608red		0.8738	0.1262	0.4663	-0.0669	0.6366
AID362red		0.9790	0.0210	0.4947	-0.0094	0.5789
AID373AID439red		0.9908	0.0092	0.4977	-0.0003	0.0271
AID373red		0.9843	0.0157	0.4960	-0.0019	0.0946
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9860	0.0140	0.4965	-0.0047	0.2875
AID604		0.9937	0.0063	0.7650	0.4710	0.5179
AID604AID644_AllRed		0.9701	0.0299	0.5335	0.0091	0.0595
AID644Morered		0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red		0.5500	0.4500	0.5330	0.0625	0.8958
AID687AID721red		0.9806	0.0194	0.4951	-0.0012	0.0479
AID687red		0.9897	0.0103	0.4974	-0.0043	0.3689
AID688red		0.9787	0.0213	0.4946	-0.0106	0.4989
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9619	0.0381	0.4903	-0.0020	0.0431
AID746red		0.9854	0.0146	0.5807	0.1487	0.4811
aids		0.8498	0.1502	0.7892	0.5764	0.6246
air_pollution		0.2533	0.2133	0.1461	0.0121	0.8817
air-booking		0.7952	0.2048	0.5913	0.1825	0.7767
airline		0.9472	0.0528	0.9462	0.8925	0.2790
alcohol		0.9238	0.0305	0.8417	0.8360	0.1621
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.8977	0.1023	0.8868	0.7692	0.4245
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9722	0.0278	0.7578	0.3664	0.4238
anuran-family		0.9722	0.0139	0.9158	0.9468	0.0929
anuran-genus		0.9583	0.0104	0.8775	0.9318	0.1679
anuran-species		0.9569	0.0086	0.9077	0.9404	0.1329
anxiety		0.0750	0.2056	0.0699	-0.0405	0.8423
apple-quality		0.7975	0.2025	0.7976	0.5950	0.6685
aps-failure		0.9476	0.0524	0.6920	0.2992	0.4630
arabidopsis0.1%		0.9794	0.0206	0.4948	-0.0102	0.4962
arabidopsis1%		0.9873	0.0127	0.5199	0.0383	0.5615
arabidopsis10%		0.9910	0.0090	0.5129	0.0110	0.3872
arcene		0.7500	0.2500	0.7462	0.4898	0.7480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.6667	0.0513	0.3137	0.4161	0.3087
auction		0.9951	0.0049	0.9889	0.9776	0.0238
audiology		0.8261	0.0145	0.3464	0.7991	0.0454
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult		0.9429	0.0571	0.9278	0.8555	0.3348
autism-child		0.9310	0.0690	0.9354	0.8626	0.2605
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.9272	0.0121	0.9267	0.9051	0.1399
babies		0.3871	0.1751	0.2113	0.1279	0.5895
balance		0.8548	0.0968	0.6771	0.7426	0.4010
bank		0.8864	0.1136	0.7153	0.4306	0.6603
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8410	0.1590	0.8257	0.6504	0.5945
basehock		0.9497	0.0503	0.9498	0.8995	0.2655
bio		0.9612	0.0388	0.6978	0.2558	0.3714
bio10%		0.9774	0.0226	0.7100	0.3442	0.4764
biodeg		0.8762	0.1238	0.8713	0.7412	0.5090
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9805	0.0013	0.0515	0.1434	0.4535
bitcoin10%		0.9810	0.0013	0.0907	0.2753	0.7102
body-perf		0.6172	0.1914	0.6191	0.4896	0.5265
bookings		0.9828	0.0114	0.7819	0.9636	0.1222
brain-tumor		0.5000	0.5000	0.5000	-0.0000	1.0000
breast-cancer		0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.6655	0.6667	0.1595
bridges		0.7000	0.0857	0.5205	0.5946	0.1621
bub10at310k-hg16-17		0.8834	0.1166	0.6164	0.2308	0.6956
bub12at310k-hg16-17		0.8861	0.1139	0.6228	0.2430	0.6913
bub8at310k-hg16-17		0.8833	0.1167	0.6380	0.2758	0.6889
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4210	0.3860	0.3177	-0.0144	0.8134
car		0.9770	0.0115	0.9682	0.9502	0.0757
car-insurance		0.8110	0.1890	0.7824	0.5647	0.6764
card		0.8551	0.1449	0.8505	0.6997	0.5480
cardiotocography		0.8169	0.0366	0.7505	0.7807	0.2310
cardiotocography-nsp		0.9014	0.0657	0.8043	0.7385	0.3860
cardiovascular		0.6509	0.3491	0.6509	0.3019	0.8791
cargo2k		0.9213	0.0525	0.9285	0.8822	0.1558
cars		0.7500	0.1667	0.6784	0.5531	0.4427
cas_N6512_cdk_ECFP2		0.6989	0.3011	0.6974	0.3947	0.8232
cas_N6512_rdkit_ATOMPAIR		0.7246	0.2754	0.7221	0.4434	0.7877
cas_N6512_RDkit_AtomPair_FP		0.7270	0.2730	0.7247	0.4489	0.7850
cas_N6512_rdkit_AVALON		0.7926	0.2074	0.7911	0.5820	0.6791
cas_N6512_RDkit_Avalon_FP		0.7653	0.2347	0.7644	0.5287	0.7262
cas_N6512_rdkit_descriptors		0.7769	0.2231	0.7756	0.5513	0.7072
cas_N6512_rdkit_FEATMORGAN		0.7373	0.2627	0.7354	0.4708	0.7706
cas_N6512_RDkit_Featmorgan_FP		0.7485	0.2515	0.7471	0.4942	0.7535
cas_N6512_RDkit_FP		0.7301	0.2699	0.7282	0.4564	0.7812
cas_N6512_rdkit_LAYERED		0.7508	0.2492	0.7498	0.4995	0.7493
cas_N6512_RDkit_Layered_FP		0.7393	0.2607	0.7371	0.4739	0.7672
cas_N6512_rdkit_MACCS		0.7788	0.2212	0.7771	0.5514	0.6964
cas_N6512_RDkit_MACCS_FP		0.7715	0.2285	0.7710	0.5417	0.7149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.7569	0.2431	0.7552	0.5103	0.7403
cas_N6512_RDkit_morgan_FP		0.7347	0.2653	0.7325	0.4645	0.7739
cas_N6512_rdkit_PATTERN		0.7477	0.2523	0.7469	0.4936	0.7538
cas_N6512_RDkit_pattern_FP		0.7592	0.2408	0.7597	0.5182	0.7323
cas_N6512_rdkit_RDKITFP		0.7435	0.2565	0.7418	0.4837	0.7613
cas_N6512_rdkit_TORSION		0.7015	0.2985	0.6994	0.3987	0.8203
ccds1%		0.9341	0.0659	0.5543	0.1086	0.6244
ccds10%		0.9630	0.0370	0.6475	0.1119	0.2433
cdc_diabetes		0.7878	0.1414	0.4070	0.1909	0.6553
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7979	0.2021	0.7865	0.5702	0.6788
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9435	0.0565	0.6889	0.3763	0.6098
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9380	0.0620	0.6350	0.2679	0.6278
CDS49_AID687_Rdkit-ecfp4-fp		0.9882	0.0118	0.4970	-0.0039	0.2751
census		0.9281	0.0719	0.7055	0.4108	0.6230
census10%		0.9295	0.0705	0.6890	0.3780	0.6265
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia		0.9224	0.0388	0.9170	0.8840	0.1805
chrom19		0.9991	0.0009	0.8154	0.6138	0.5217
chrom191%		0.9965	0.0035	0.4991	-0.0016	0.3963
chrom1910%		0.9995	0.0005	0.8784	0.7565	0.3917
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.6573	0.2802	0.5792
churn		0.8180	0.1820	0.7147	0.4292	0.7210
churn-bigml		0.9213	0.0787	0.8476	0.6945	0.5205
ci900367j_MACCS		0.6947	0.3053	0.6813	0.3618	0.8310
circles		0.9980	0.0000	0.9981	0.9980	0.0011
cirrhosis		0.7381	0.1746	0.5077	0.4889	0.4566
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7611	0.1194	0.6147	0.6378	0.5008
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.9167	0.0556	0.9342	0.8605	0.1186
cm1		0.8400	0.1600	0.6257	0.2453	0.6924
cmc		0.5170	0.3220	0.5008	0.2492	0.7369
cnae-9		0.9167	0.0185	0.9238	0.9062	0.0750
codon_usage		0.8526	0.0268	0.7620	0.8209	0.2458
coil20		0.9583	0.0042	0.9602	0.9561	0.0295
college		0.9091	0.0909	0.8921	0.7806	0.4581
collins		0.8800	0.0160	0.7661	0.8678	0.0487
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2		0.7241	0.2759	0.7071	0.4141	0.7994
colposcopies-3		0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4		0.6897	0.3103	0.6266	0.2521	0.8468
colposcopies-5		0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6		0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c		0.7586	0.2414	0.6226	0.2281	0.7911
column-2c		0.8387	0.1613	0.8114	0.6210	0.6099
column-3c		0.7742	0.1505	0.7197	0.6401	0.2818
comedy_comparisons1%		0.5101	0.4899	0.4804	-0.0114	0.7363
connect-4		0.9932	0.0045	0.8832	0.8393	0.2229
cottonmeloidogyne		0.7043	0.2957	0.7043	0.4086	0.8155
coupon		0.7232	0.2768	0.7162	0.4319	0.7934

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.4224	0.1650	0.1887	0.0718	0.7361
covtype		0.9391	0.0174	0.9094	0.9023	0.1701
covtype10%		0.8558	0.0412	0.7760	0.7675	0.3164
covtypeCD		0.9920	0.0080	0.9833	0.9666	0.1256
covtypeT		0.9860	0.0140	0.9457	0.8913	0.2389
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9961	0.0039	0.7552	0.4234	0.4853
creditcard_trans10%		0.9958	0.0042	0.6948	0.3316	0.4752
crowdsourced		0.9023	0.0326	0.7298	0.7994	0.3394
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.5625	0.0219	0.4116	0.5497	0.0680
customer-churn		0.9788	0.0212	0.7272	0.4538	0.5418
cybersecurity		0.1433	0.2856	0.1405	-0.0282	0.8934
cyclopentane		0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands		0.7407	0.2593	0.7385	0.4757	0.7630
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dating		0.1048	0.1790	0.1047	0.0053	0.9269
day1%		0.9512	0.0488	0.9490	0.8958	0.2759
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7737	0.2263	0.6558	0.3102	0.7859
defect		0.9259	0.0741	0.8553	0.7069	0.4468
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8781	0.1219	0.7053	0.4107	0.6730
depressed		0.7343	0.2657	0.4710	-0.0568	0.8434
dermatology		0.9189	0.0270	0.9249	0.8991	0.0971
desharnais		0.6250	0.2500	0.4037	0.2727	0.4605
dexter		0.8500	0.1500	0.8550	0.7000	0.5201
df_final		0.8125	0.1250	0.8268	0.7108	0.3168
DIA		0.8000	0.2000	0.7333	0.4667	0.7248
diabetes		0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-100k		0.9555	0.0445	0.8514	0.7017	0.4433
diabetes-risk		0.8875	0.1125	0.8280	0.6559	0.5610
diabetic		0.5106	0.3263	0.4009	0.1249	0.7672
diabetic1%		0.4706	0.3529	0.4008	0.0694	0.7477
diabetic10%		0.4794	0.3471	0.3669	0.0742	0.7872
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.6832	0.1267	0.6679	0.5560	0.4449
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.6667	0.3333	0.6495	0.2941	0.8617
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9950	0.0050	0.4987	-0.0025	0.5344
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9304	0.0696	0.7832	0.5623	0.5389
dota2		0.5300	0.4700	0.5289	0.0579	0.9816
dota210%		0.5311	0.4689	0.5301	0.0603	0.9808
drebin		0.9800	0.0200	0.9786	0.9571	0.1362
dropout		0.6953	0.2032	0.6317	0.5063	0.5777
drug-01		0.3138	0.1960	0.1964	0.0432	0.7412
drug-02		0.4681	0.1520	0.2970	0.2235	0.7362
drug-03		0.5691	0.1231	0.1635	0.0724	0.6408
drug-04		0.4202	0.1657	0.1739	0.1073	0.8515
drug-05		0.5638	0.1246	0.1328	0.0214	0.7931
drug-06		0.3936	0.1733	0.3181	0.2647	0.6626
drug-07		0.3777	0.1778	0.1612	0.0684	0.6823

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-08		0.4468	0.1581	0.1777	0.0956	0.7818
drug-09		0.8032	0.0562	0.1418	0.0694	0.6253
drug-10		0.4628	0.1535	0.1721	0.1273	0.7922
drug-11		0.7766	0.0638	0.1407	0.0132	0.6496
drug-12		0.6755	0.0927	0.1171	-0.0346	0.6311
drug-13		0.5426	0.1307	0.2412	0.2402	0.6132
drug-14		0.4840	0.1474	0.2462	0.1826	0.7283
drug-15		0.6489	0.1003	0.1289	0.0737	0.8019
drug-16		0.5000	0.1429	0.2346	0.2168	0.6496
drug-17		0.2606	0.2112	0.1879	0.0783	0.8557
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.6649	0.0957	0.1657	0.1166	0.6331
drybean		0.8971	0.0294	0.9136	0.8756	0.1600
ecoli		0.7647	0.0588	0.4044	0.6691	0.1337
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2500	0.3750	0.2503	-0.0004	0.8551
eeg		0.4066	0.0742	0.4204	0.3440	0.6917
eeg-eye		0.8117	0.1883	0.8139	0.6239	0.6314
eeg10%		0.3333	0.0833	0.3000	0.2622	0.6844
email_phishing		0.9805	0.0195	0.6470	0.2933	0.5661
eucalyptus		0.6027	0.1589	0.5811	0.4966	0.4240
euthyroid		0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq		0.9708	0.0292	0.9708	0.9415	0.1785
exon.vs.intron-freq10%		0.9305	0.0695	0.9303	0.8605	0.3371
fakenews		0.5025	0.4975	0.5025	0.0050	0.9985
farm-ads		0.8647	0.1353	0.8647	0.7266	0.5132
fbis-wc		0.7033	0.0349	0.6098	0.6596	0.2472
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.7059	0.2941	0.7010	0.3991	0.8103
financial-risk		0.8510	0.0497	0.8425	0.7658	0.2465
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.5000	0.1250	0.2841	0.3789	0.2292
fonts10%		0.4890	0.0067	0.2587	0.4673	0.6589
forest		0.9038	0.0481	0.9001	0.8675	0.1510
gas		0.9554	0.0149	0.9564	0.9461	0.0897
gastrointestinal		0.7500	0.1667	0.7389	0.5949	0.4706
gender		0.5095	0.3270	0.3941	0.0761	0.7669
gene		0.9148	0.0568	0.9016	0.8626	0.2284
german		0.6200	0.3800	0.5367	0.0663	0.9179
gestures		0.7808	0.1096	0.7813	0.7078	0.3854
gina		0.9308	0.0692	0.9308	0.8616	0.3352
gisette		0.9529	0.0471	0.9529	0.9057	0.2546
glass		0.6667	0.1111	0.7772	0.5572	0.3033
glass-g2		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP		0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM		0.6842	0.3158	0.6833	0.3667	0.8414
gli_85		0.8750	0.1250	0.8730	0.7143	0.4644
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.7000	0.3000	0.6098	0.2105	0.8520

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
grub-damage		0.5333	0.2333	0.4497	0.3558	0.4834
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.6000	0.4000	0.3750	-0.2162	0.9591
hapt		0.8838	0.0194	0.7546	0.8639	0.1150
har		0.9704	0.0118	0.9691	0.9626	0.0760
har70		0.8914	0.0267	0.6978	0.8516	0.3113
har701%		0.8765	0.0353	0.6189	0.8204	0.3423
har7010%		0.8905	0.0313	0.5588	0.8395	0.3649
harth1%		0.8274	0.0288	0.5238	0.7658	0.3129
harth10%		0.8525	0.0239	0.6504	0.7910	0.2877
hayes-roth		0.6875	0.2083	0.7384	0.5062	0.2896
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.6500	0.1750	0.2956	0.0961	0.5517
heart		0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack		0.7742	0.2258	0.7741	0.5470	0.7087
heart-c		0.8333	0.1667	0.8341	0.6667	0.5937
heart-failure		0.9800	0.0200	0.9768	0.9529	0.1083
heart-quantum		0.9400	0.0600	0.9384	0.8760	0.3123
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%		0.8133	0.1867	0.8133	0.6267	0.6386
hepmass10%		0.8232	0.1768	0.8232	0.6465	0.6187
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6427	0.3573	0.6417	0.2833	0.8879
higgs1%		0.6241	0.3759	0.6220	0.2439	0.9072
higgs10%		0.6506	0.3494	0.6494	0.2987	0.8799
higher		0.3571	0.1607	0.3125	0.2500	0.3053
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8381	0.1619	0.7249	0.4489	0.6987
hiva		0.9598	0.0402	0.6310	0.2422	0.5676
horse		0.6667	0.2222	0.6277	0.4271	0.5594
hotel-reservartions		0.8829	0.1171	0.8676	0.7352	0.5093
hr		0.7860	0.2140	0.5213	0.0423	0.7901
ht-sensor		0.9995	0.0003	0.9995	0.9992	0.0031
ht-sensor10%		0.9966	0.0023	0.9967	0.9948	0.0166
htru2		0.9821	0.0179	0.9447	0.8883	0.1972
hypothyroid		0.9788	0.0106	0.6805	0.8752	0.1907
hypothyroidT		0.9920	0.0080	0.9716	0.9431	0.1266
ilpd		0.6780	0.3220	0.6006	0.2010	0.8744
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9707	0.0147	0.9708	0.9609	0.0645
ionosphere		0.9143	0.0857	0.9022	0.7853	0.2404
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.7833	0.2167	0.6209	0.2378	0.7897
jvowels		0.9217	0.0174	0.9178	0.9113	0.1328
kc1		0.8626	0.1374	0.6941	0.3608	0.6349
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.5714	0.0357	0.0370	0.2500	0.0719
kc1-class-level-top5percentDF		0.9333	0.0667	0.8438	0.6341	0.5283
kc2		0.7885	0.2115	0.6724	0.3440	0.7669
kdc-4007		0.5985	0.1004	0.5314	0.5312	0.4752
kddcup981%		0.9263	0.0737	0.4809	-0.0310	0.6583
kddcup9810%		0.8995	0.1005	0.4935	-0.0130	0.6411
kddcup991%		0.4887	0.0445	0.4626	0.3448	0.1040
kddcup9910%		0.4536	0.0475	0.6543	0.3127	0.1860

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kepler		0.8316	0.1123	0.7868	0.7266	0.3256
kidney		0.7084	0.1167	0.2045	0.0179	0.7949
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7708	0.0255	0.7675	0.7440	0.2752
krvskp		1.0000	0.0000	1.0000	1.0000	0.0000
la1s-wc		0.9033	0.0339	0.8844	0.8823	0.1799
la2s-wc		0.8079	0.0640	0.7838	0.7583	0.3055
labor		0.6667	0.3333	0.6250	0.2500	0.8750
leaf		0.7647	0.0118	0.4352	0.7536	0.0328
led24		0.7000	0.0600	0.6724	0.6620	0.1220
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8805	0.0092	0.8808	0.8757	0.1359
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.7143	0.2857	0.7083	0.4167	0.8058
libra		0.9167	0.0111	0.9389	0.9107	0.0287
linkage		0.9990	0.0010	0.9413	0.8756	0.3713
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		1.0000	0.0001	0.9815	1.0000	0.0643
liver		0.5882	0.4118	0.5727	0.1408	0.8953
loan		0.9789	0.0211	0.9775	0.9551	0.1420
localization		0.7066	0.0533	0.5005	0.6330	0.5574
localization10%		0.6341	0.0665	0.4114	0.5397	0.6390
lrs		0.7925	0.0415	0.3649	0.7114	0.1500
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.7933	0.8895	0.0419
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9043	0.0957	0.9011	0.8021	0.4231
madelon		0.7154	0.2846	0.7154	0.4308	0.8005
magic04		0.8469	0.1531	0.8306	0.6608	0.5868
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8225	0.6449	0.6199
marketing		0.8438	0.1562	0.6692	0.3365	0.7186
maternal		0.7723	0.1518	0.7773	0.6515	0.4326
math		0.8000	0.1000	0.7475	0.6926	0.3524
mba		0.7742	0.1505	0.3828	0.1516	0.6140
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1900	0.3240	0.1887	-0.0131	0.8854
messidor		0.6870	0.3130	0.6781	0.3541	0.8387
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8333	0.0833	0.8329	0.7672	0.1538
mfeat-fac		0.9200	0.0160	0.9203	0.9111	0.0939
mfeat-fou		0.7800	0.0440	0.7829	0.7556	0.2043
mfeat-kar		0.9500	0.0100	0.9503	0.9444	0.0608
mfeat-mor		0.6850	0.0630	0.6818	0.6500	0.2203
mfeat-pix		0.9300	0.0140	0.9318	0.9222	0.0782
mfeat-zer		0.7450	0.0510	0.7588	0.7167	0.1775
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.7059	0.1176	0.7055	0.6316	0.2986

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mobile		0.6224	0.0135	0.6308	0.6155	0.1729
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.7213	0.2787	0.6880	0.3757	0.8122
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0123
music		0.3683	0.1148	0.4404	0.2580	0.6506
musk		0.9742	0.0258	0.9495	0.8960	0.1517
MUT_ci300400a_cdk_ECFP2		0.7782	0.2218	0.7720	0.5441	0.7098
MUT_ci300400a_cdk_ECFP4		0.7892	0.2108	0.7840	0.5678	0.6901
MUT_ci300400a_cdk_ECFP6		0.7892	0.2108	0.7816	0.5618	0.6870
MUT_ci300400a_cdk_ESTATE		0.7578	0.2422	0.7486	0.4958	0.7415
MUT_ci300400a_cdk_EXTENDED		0.8249	0.1751	0.8191	0.6377	0.6196
MUT_ci300400a_cdk_FCFP2		0.8132	0.1868	0.8074	0.6148	0.6453
MUT_ci300400a_cdk_FCFP4		0.7830	0.2170	0.7764	0.5528	0.7016
MUT_ci300400a_cdk_FCFP6		0.7854	0.2146	0.7779	0.5552	0.6961
MUT_ci300400a_cdk_MACCS		0.8333	0.1667	0.8295	0.6588	0.6036
MUT_ci300400a_cdk_PUBCHEM		0.8407	0.1593	0.8357	0.6711	0.5870
MUT_ci300400a_cdk_STANDARD		0.8084	0.1916	0.8022	0.6042	0.6543
MUT_ci300400a_rdkit_descriptors		0.8271	0.1729	0.8225	0.6448	0.6146
myocardial		0.8588	0.0353	0.2924	0.4421	0.4402
naticusdroid		0.8646	0.1354	0.8652	0.7292	0.5212
NCI60		0.6667	0.1111	0.6222	0.6000	0.1039
nci9		0.8333	0.0370	0.5556	0.8065	0.0000
ncRNA1%		0.8890	0.0117	0.5143	0.7122	0.8557
ncRNA10%		0.8834	0.0102	0.6184	0.7685	0.9533
neo		0.8981	0.1019	0.7114	0.4227	0.6511
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5805	0.4195	0.5785	0.1570	0.9456
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9492	0.0508	0.9378	0.8757	0.3038
NPHA-doctor-visits		0.5000	0.3333	0.3923	0.1199	0.7662
nursery		0.9985	0.0006	0.7990	0.9977	0.0044
obesity		0.9147	0.0244	0.9136	0.9004	0.1124
obs		0.9815	0.0093	0.9868	0.9724	0.0319
occupancy		0.9864	0.0136	0.9812	0.9622	0.1430
Occupancy_Estimation		0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc		0.8515	0.0297	0.8459	0.8302	0.1273
oh10-wc		0.7524	0.0495	0.7406	0.7183	0.2245
oh15-wc		0.7717	0.0457	0.7595	0.7410	0.2308
oh5-wc		0.8681	0.0264	0.8612	0.8510	0.1273
ohscal-wc		0.7007	0.0599	0.6893	0.6651	0.3813
olive		0.8947	0.0234	0.8668	0.8677	0.0716
opn310k		0.8807	0.1193	0.6099	0.2180	0.6995
opn310k10%		0.8980	0.1020	0.6436	0.2816	0.6686
opnat310k-hg16-17		0.8824	0.1176	0.6213	0.2415	0.6950
optdigits		0.9146	0.0171	0.9157	0.9051	0.1220
optdigitsZ		0.9964	0.0036	0.9890	0.9780	0.0762
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9605	0.0395	0.6429	0.2671	0.5635
ozone8hr		0.9012	0.0988	0.5753	0.1438	0.6828
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7784	0.2216	0.7560	0.5117	0.7244
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8606	0.7154	0.5228
p53-mutants		0.9507	0.0493	0.5567	0.0408	0.1744
p53-mutants10%		0.7898	0.2102	0.4413	-0.0063	0.0379

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
page-blocks			0.9653	0.0139	0.6786	0.8096	0.3978
parkinson			0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons			0.8341	0.1659	0.8227	0.6451	0.6083
parkinsons-small			0.8421	0.1579	0.8508	0.6587	0.4882
particle			0.8991	0.1009	0.8757	0.7514	0.4839
particle10%			0.8862	0.1138	0.8584	0.7167	0.5176
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9009	0.0991	0.5548	0.1042	0.6873
pcmac			0.4845	0.5155	0.4625	-0.0748	1.0000
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9079	0.0921	0.8752	0.7500	0.4624
pediatric-leukemia			0.7059	0.0840	0.6428	0.6292	0.2306
pendigits			0.9645	0.0071	0.9643	0.9605	0.0566
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.2222	0.7778	0.1818	-0.6154	0.9726
persistency			0.7609	0.2391	0.7487	0.4968	0.7424
personalities			0.7632	0.0296	0.7634	0.7474	0.3256
pet-adoption			0.9250	0.0750	0.9145	0.8284	0.3690
phishing			0.9673	0.0327	0.9657	0.9315	0.1998
PhiUSIIL			0.9994	0.0006	0.9994	0.9987	0.0077
PhiUSIIL10%			0.9975	0.0025	0.9974	0.9948	0.0249
phone-acc0.1%			0.8767	0.0352	0.8691	0.8560	0.1401
phone-acc1%			0.9603	0.0113	0.9575	0.9537	0.0611
phone-acc10%			0.9880	0.0034	0.9870	0.9860	0.0229
phone-gyr0.1%			0.8973	0.0293	0.8902	0.8800	0.1233
phone-gyr1%			0.9739	0.0075	0.9713	0.9695	0.0417
phone-gyr10%			0.9935	0.0018	0.9929	0.9925	0.0133
phoneme			0.8815	0.1185	0.8511	0.7011	0.5208
phy			0.6446	0.3554	0.6446	0.2892	0.8857
pima			0.7368	0.2632	0.7176	0.4154	0.7389
pirvision			0.9987	0.0009	0.9977	0.9959	0.0204
placement			0.7500	0.2500	0.7416	0.4824	0.7548
plant-growth			0.6842	0.3158	0.6833	0.3667	0.8414
plrx			0.6111	0.3889	0.3793	-0.1887	0.9536
poker			0.5438	0.0912	0.2523	0.1920	0.7020
poker1%			0.4585	0.1083	0.1466	0.0249	0.6396
poker10%			0.4952	0.1010	0.1947	0.1084	0.7209
polish-1st			0.9602	0.0398	0.6439	0.2464	0.5163
polish-2nd			0.9518	0.0482	0.5553	0.0896	0.5866
polish-3rd			0.9352	0.0648	0.5160	0.0272	0.6412
polish-4th			0.9378	0.0622	0.6004	0.1795	0.6078
polish-5th			0.9323	0.0677	0.6823	0.3422	0.5733
polya			0.7178	0.2822	0.6908	0.3815	0.8133
popularity			0.5907	0.2729	0.4110	0.1628	0.7222
post-operative			0.3333	0.4444	0.2276	-0.2857	0.4822
postures			0.9647	0.0141	0.9643	0.9558	0.0830
pred-tox_mutagen_ref-desc			0.6471	0.3529	0.6494	0.2941	0.8709
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4242	0.0523	0.2434	0.3743	0.2372
processed			0.9988	0.0012	0.9986	0.9973	0.0169
profb			0.7910	0.2090	0.7631	0.5263	0.7085
promoters			0.7000	0.3000	0.7041	0.4000	0.7967
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			0.8182	0.1818	0.8167	0.6333	0.6309
puc-rio			0.9845	0.0062	0.9760	0.9793	0.0498
puc-rio10%			0.9650	0.0140	0.9431	0.9530	0.0918
pufs-1281%			0.4963	0.5037	0.4963	-0.0073	1.0000
pufs-12810%			0.5047	0.4953	0.5047	0.0095	0.9973

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-641%			0.4867	0.5133	0.4867	-0.0267	1.0000
pufs-6410%			0.5014	0.4986	0.5014	0.0028	0.9992
pulsar			0.9769	0.0231	0.9309	0.8617	0.2929
raisin			0.9000	0.1000	0.9001	0.8000	0.4311
rcv11%			0.6278	0.0182	0.2842	0.5833	0.3397
re0-wc			0.7400	0.0400	0.7438	0.6674	0.2915
re1-wc			0.7831	0.0173	0.6018	0.7517	0.1745
rejafada			0.9749	0.0251	0.7787	0.4356	0.0807
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8349	0.0069	0.4262	0.7733	0.2433
rice			0.9797	0.0203	0.9795	0.9589	0.1343
rnaseq			0.9875	0.0050	0.9862	0.9835	0.0195
rocket			0.6226	0.3774	0.6107	0.2213	0.9095
RT_IOT2022			0.9976	0.0004	0.9657	0.9941	0.0143
satimage			0.8787	0.0404	0.8613	0.8503	0.1964
satimageF			0.9782	0.0218	0.9464	0.8919	0.2935
satimageT			0.9331	0.0669	0.8224	0.6442	0.5407
scadi			0.5714	0.1224	0.3556	0.4615	0.1395
schiller			0.4444	0.5556	0.4696	-0.0465	0.7758
schizo			0.6471	0.3529	0.6471	0.2941	0.8832
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.5865	0.1280	0.5676
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9437	0.0161	0.9483	0.9342	0.0753
segmentation			0.8119	0.1881	0.7938	0.5874	0.6610
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9225	0.0775	0.6282	0.2467	0.6393
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8263	0.1737	0.5539	0.1030	0.7674
sens-10-gram			0.7900	0.2100	0.4972	-0.0055	0.7954
sens-2-gram			0.8000	0.2000	0.5624	0.1248	0.7676
sens-3-gram			0.8158	0.1842	0.6037	0.2074	0.7512
sens-4-gram			0.8263	0.1737	0.5930	0.1847	0.7562
sens-5-gram			0.7763	0.2237	0.4889	-0.0222	0.7884
sens-6-gram			0.8237	0.1763	0.5831	0.1647	0.7608
sens-7-gram			0.8079	0.1921	0.5534	0.1063	0.7739
sens-8-gram			0.7789	0.2211	0.5164	0.0327	0.7785
sens-9-gram			0.8211	0.1789	0.5805	0.1599	0.7624
sensorless			0.9738	0.0048	0.9743	0.9712	0.0450
sepsis			0.6207	0.3793	0.5296	0.0371	0.5064
shoppers			0.8727	0.1273	0.7449	0.4885	0.6475
shuttle			0.9991	0.0002	0.8359	0.9976	0.0795
sick			0.9735	0.0265	0.8839	0.7589	0.2756
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9056	0.0944	0.8893	0.7542	0.4523
skin10%			0.9980	0.0020	0.9969	0.9938	0.0344
smarket			0.9200	0.0800	0.9200	0.8399	0.3716
smart-farming			0.2400	0.3800	0.2418	-0.0150	0.8620
smk_can_187			0.6842	0.3158	0.6833	0.3667	0.8414
smoking			0.8032	0.1968	0.7884	0.5768	0.6750
soil_pollution			0.2300	0.3080	0.2301	0.0380	0.8470
solar-flare			0.7626	0.0791	0.6953	0.6970	0.2039
sonar			0.5000	0.5000	0.5000	0.0000	0.9713
soybean			0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection			0.9440	0.0560	0.8341	0.6681	0.5084
spambase			0.9239	0.0761	0.9204	0.8407	0.3668
spect			0.6296	0.3704	0.5218	0.0426	0.8561

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.4717	0.0220	0.2019	0.4423	0.1451
splice-EI			0.9495	0.0505	0.9353	0.8695	0.3294
splice-IE			0.9369	0.0631	0.9119	0.8237	0.3693
sport-articles			0.7900	0.2100	0.7690	0.5312	0.6824
squash-stored			0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8878	0.0748	0.8588	0.8178	0.2570
steel-b			0.8615	0.1385	0.7973	0.5940	0.6253
steel-d			0.9949	0.0051	0.9553	0.9065	0.0226
steel-k			0.9897	0.0103	0.9843	0.9685	0.1057
steel-o			0.8359	0.1641	0.8254	0.6483	0.6081
steel-p			0.9077	0.0923	0.6568	0.3085	0.6532
steel-s			0.9487	0.0513	0.7745	0.5204	0.5716
steel-z			0.9795	0.0205	0.9493	0.8934	0.3231
stellar			0.9554	0.0297	0.9491	0.9209	0.1581
stock			0.8958	0.1042	0.8166	0.6314	0.5491
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.9680	0.0320	0.9677	0.9352	0.1882
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5100	0.1960	0.3343	0.2340	0.7570
student-depression			0.7875	0.2125	0.7801	0.5600	0.6938
student-habits			0.3800	0.2480	0.2412	0.1135	0.8141
student-weekend			0.3538	0.2585	0.2873	0.1317	0.6681
student-workday			0.6719	0.1313	0.2524	0.2628	0.5845
studentap			0.5385	0.3077	0.5556	0.2909	0.5920
susy1%			0.7330	0.2670	0.7306	0.4612	0.7771
susy10%			0.7411	0.2589	0.7387	0.4772	0.7650
swarm_aligned			0.9475	0.0525	0.9440	0.8828	0.2946
swarm_flocking			0.9392	0.0608	0.9410	0.8784	0.2751
swarm_grouped			0.9600	0.0400	0.9578	0.9153	0.2393
tae			0.3333	0.4444	0.2778	0.0000	0.7532
telco-churn			0.8608	0.1392	0.8193	0.6383	0.5904
texture			0.9527	0.0086	0.9557	0.9479	0.0636
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8085	0.1915	0.5444	0.0824	0.7852
thrombin			0.7696	0.2304	0.4349	-0.0396	0.2008
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe			0.9684	0.0316	0.9651	0.9299	0.2103
tis			0.8848	0.1152	0.8395	0.6757	0.5199
tis10%			0.8657	0.1343	0.8156	0.6306	0.5883
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4000	0.6364	0.0795
tox_171			0.9412	0.0294	0.9478	0.9209	0.0644
toxicity			0.4118	0.5882	0.2917	-0.3934	1.0000
toxicity-13f			0.6471	0.3529	0.5858	0.1639	0.8952
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6267	0.3733	0.4883	-0.0234	0.9014
trec11-wc			0.8049	0.0434	0.7245	0.7552	0.1754
trec12-wc			0.8387	0.0403	0.8803	0.8015	0.1079
trec21-wc			0.7879	0.0707	0.5235	0.5043	0.2448
trec23-wc			0.7619	0.0794	0.8347	0.6818	0.2870
trec31-wc			0.9032	0.0277	0.7761	0.8703	0.1277
trec41-wc			0.8750	0.0250	0.6327	0.8456	0.1073
trec45-wc			0.8696	0.0261	0.7688	0.8477	0.1060
tuandromd			0.9865	0.0135	0.9793	0.9586	0.1449
turkish			0.8250	0.0875	0.8331	0.7667	0.1968

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews			0.9417	0.0583	0.9369	0.8729	0.2936
tvnews1%			0.8231	0.1769	0.8080	0.6152	0.6327
tvnews10%			0.8689	0.1311	0.8581	0.7159	0.5289
ur3_cobotops_grip			0.9741	0.0259	0.7831	0.5645	0.4972
ur3_cobotops_stop			0.9796	0.0204	0.8400	0.6706	0.3567
urban			0.7910	0.0464	0.7978	0.7550	0.1679
urinalysis			0.9301	0.0699	0.6270	0.2497	0.6378
ustilago1%			0.9870	0.0130	0.6002	0.1937	0.5536
ustilago10%			0.9895	0.0105	0.6730	0.0330	0.0399
vehicle			0.8214	0.0893	0.7894	0.7589	0.1553
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowel			0.7071	0.0533	0.7375	0.6778	0.1812
vowelZ			0.9293	0.0707	0.7969	0.5926	0.5721
vrnormat310k-hg16-17			0.8986	0.1014	0.6520	0.2972	0.6631
wap-wc			0.6987	0.0301	0.5761	0.6611	0.2362
warpar10p			0.9231	0.0154	0.8743	0.9133	0.0195
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.9723	0.0079	0.9718	0.9676	0.0551
watch-acc10%			0.9973	0.0008	0.9973	0.9969	0.0079
watch-gyr1%			0.9810	0.0054	0.9808	0.9778	0.0409
watch-gyr10%			0.9981	0.0005	0.9981	0.9978	0.0057
water_pollution			0.2233	0.3883	0.2228	-0.0354	0.8768
waveform			0.7560	0.1627	0.7571	0.6341	0.4863
weather-related			0.9731	0.0049	0.9709	0.9695	0.0437
web-phishing			0.8593	0.0938	0.8156	0.7500	0.3650
Weekly			0.9352	0.0648	0.9355	0.8696	0.3179
weight-lift			0.9827	0.0069	0.9826	0.9781	0.0501
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9700	0.0150	0.9700	0.9600	0.0637
wilt			0.9896	0.0104	0.9429	0.8835	0.1561
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6541	0.1153	0.3131	0.4542	0.5532
winequality-white			0.6462	0.1011	0.3691	0.4709	0.4815
winnipeg			0.9742	0.0010	1.0000	0.9814	0.0210
winnipeg10%			0.9125	0.0250	0.9319	0.8903	0.1481
wisc_bc			0.9649	0.0351	0.9643	0.9261	0.2027
yale			0.8125	0.0250	0.7986	0.7992	0.0481
yeast			0.5473	0.0905	0.3937	0.4180	0.4320
yeastCYT-POX			1.0000	0.0000	1.0000	1.0000	0.0000
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9459	0.0541	0.6024	0.1766	0.5813
zip			0.9129	0.0174	0.9067	0.9025	0.1377

Table 11: Detailed results for BQLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0964	0.0861	0.0799	0.0400	0.7356
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.4500	0.5500	0.4415	-0.1000	0.9904
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7840	0.2160	0.6854	0.1647	0.3750
air_pollution		0.2700	0.2086	0.1465	0.0014	0.8820
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.8652	0.0539	0.5440	0.6647	0.1772
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9597	0.0202	0.7192	0.9219	0.0749
anuran-genus		0.9513	0.0122	0.7728	0.9182	0.0549
anuran-species		0.9542	0.0092	0.8188	0.9355	0.0435
anxiety		0.1250	0.1944	0.1251	0.0139	0.7808
apple-quality		0.8500	0.1500	0.8530	0.7000	0.5367
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia		0.5556	0.0684	0.0557	0.0260	0.2389
auction		0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.7273	0.0496	0.8678	0.6667	0.1289
audit-risk		0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.5500	0.1500	0.4118	0.3857	0.3258
avila		0.4911	0.0848	0.4480	0.2994	0.4801
babies		0.2823	0.2051	0.1970	0.0829	0.7958
balance		0.8871	0.0753	0.6114	0.7877	0.2090
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8664	0.1336	0.8596	0.6873	0.3709
basehock		0.5025	0.4975	0.6036	0.0100	0.5283
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.7619	0.2381	0.7419	0.4560	0.6789
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.4304	0.5319	0.1824
bridges		0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7759	0.1121	0.3710	0.4912	0.3452
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.6808	0.0639	0.6518	0.6077	0.2843
cardiotocography-nsp		0.8310	0.1127	0.5700	0.3412	0.1853
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5403	0.3798	0.5084
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.6089	0.3911	0.6041	0.1876	0.8720
cas_N6512_rdkit_AVALON		0.5960	0.4040	0.5997	0.1969	0.9212
cas_N6512_RDkit_Avalon_FP		0.5966	0.4034	0.6040	0.2026	0.9102
cas_N6512_rdkit_descriptors		0.6954	0.3046	0.7074	0.3997	0.7835
cas_N6512_rdkit_FEATMORGAN		0.5730	0.4270	0.6294	0.1864	0.7359
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.6994	0.3006	0.7026	0.4014	0.8108
cas_N6512_rdkit_LAYERED		0.7215	0.2785	0.7227	0.4436	0.7870
cas_N6512_RDkit_Layered_FP		0.7163	0.2837	0.7158	0.4312	0.7985
cas_N6512_rdkit_MACCS		0.6774	0.3226	0.6746	0.3490	0.8502
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.6400	0.3600	0.6508	0.2906	0.8562
cas_N6512_RDkit_pattern_FP		0.6656	0.3344	0.6825	0.3444	0.8030
cas_N6512_rdkit_RDKITFP		0.7174	0.2826	0.7197	0.4365	0.7891
cas_N6512_rdkit_TORSION		0.5908	0.4092	0.6275	0.2116	0.8037
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9452	0.0548	0.6772	0.1912	0.2906
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8100	0.1900	0.6504	0.1245	0.4441
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0410	0.0192	0.0249	0.0313	0.2708
cirrhosis		0.6905	0.2063	0.4587	0.3710	0.4457
cjs		0.9893	0.0036	0.9882	0.9869	0.0177
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7667	0.1167	0.4266	0.6120	0.2420
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.5926	0.4000	0.2083
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4490	0.3673	0.3875	0.1057	0.7436
cnae-9		0.8704	0.0288	0.8773	0.8542	0.1264
codon_usage		0.8181	0.0331	0.6338	0.7748	0.1676
coil20		0.9792	0.0021	0.9812	0.9781	0.0112
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.3400	0.0880	0.2171	0.2650	0.3187
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6207	0.3793	0.6480	0.2238	0.7270
colposcopies-c		0.8276	0.1724	0.7526	0.3777	0.3360
column-2c		0.8710	0.1290	0.8486	0.6884	0.4958
column-3c		0.7742	0.1505	0.7335	0.6193	0.2267
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7524	0.2476	0.7526	0.5049	0.7454
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9230	0.0770	0.8186	0.6139	0.4159
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		0.8000	0.1000	0.8310	0.7333	0.1553
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.4375	0.0281	0.2859	0.4205	0.0870
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.2000	0.2667	0.1994	0.0393	0.8428
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.7037	0.2963	0.7303	0.3344	0.4688
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
day1%		0.3581	0.6419	0.2637	0.0000	0.5110
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8037	0.1963	0.6601	0.2251	0.5832
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5167	0.4833	0.6132	0.0333	0.5271
df_final		0.6875	0.2083	0.7467	0.5122	0.3099
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.7070	0.8350	0.0810
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7133	0.1911	0.5402	0.4757	0.3556
drug-01		0.2979	0.2006	0.1729	0.0457	0.8358
drug-02		0.4734	0.1505	0.1566	0.0547	0.6884
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5213	0.1368	0.2251	0.1283	0.5861
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.2660	0.2097	0.1915	0.1060	0.8172
drug-07		0.3245	0.1930	0.1495	0.0094	0.9063
drug-08		0.5372	0.1322	0.1433	0.0757	0.5194
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5372	0.1322	0.1994	0.1112	0.5979
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5691	0.1231	0.1386	0.0515	0.5072

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-14			0.5691	0.1231	0.2322	0.1329	0.5444
drug-15			0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16			0.5426	0.1307	0.2075	0.1549	0.4134
drug-17			0.2660	0.2097	0.1800	0.0659	0.8458
drug-18			0.9947	0.0021	0.1995	0.0000	0.0076
drug-19			0.7660	0.0669	0.1239	-0.0053	0.2842
drybean			0.8964	0.0296	0.9208	0.8748	0.1385
ecoli			0.7941	0.0515	0.4394	0.7029	0.1220
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU			0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM			0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce			0.2700	0.3650	0.2743	0.0284	0.8396
eeg			0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye			0.6322	0.3678	0.6546	0.2020	0.6471
eeg10%			0.2843	0.0895	0.2763	0.2148	0.7654
email_phishing			0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus			0.4384	0.2247	0.3928	0.2769	0.5280
euthyroid			0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq			0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%			0.5269	0.4731	0.3451	0.0000	0.5238
fakenews			0.4800	0.5200	0.4770	-0.0434	0.9963
farm-ads			0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc			0.6667	0.0392	0.5807	0.6108	0.2383
fertility			0.9000	0.1000	0.4737	0.0000	0.2236
finance			0.6078	0.3922	0.5989	0.1694	0.8544
financial-risk			0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch			0.8750	0.0417	0.8088	0.8367	0.0567
flags			0.2000	0.2286	0.0476	0.0000	0.3593
forest			0.8846	0.0577	0.8691	0.8411	0.1798
gas			0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal			0.5625	0.2917	0.3774	0.1642	0.3881
gender			0.5642	0.2905	0.3359	0.0230	0.6745
gene			0.8738	0.0841	0.8618	0.7915	0.2206
german			0.6500	0.3500	0.3939	0.0000	0.4745
gestures			0.2491	0.3754	0.0997	0.0000	0.4043
gina			0.9193	0.0807	0.9194	0.8385	0.3721
gisette			0.9600	0.0400	0.9600	0.9200	0.2258
glass			0.7619	0.0794	0.5585	0.6465	0.1763
glass-g2			0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP			0.6667	0.3333	0.6689	0.1503	0.4745
glassBWNFP			0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers			0.9091	0.0909	0.4762	0.0000	0.2092
glassNW			0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware			0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.7895	0.2105	0.7889	0.5778	0.6844
gli_85			0.7500	0.2500	0.4286	0.0000	0.4011
glioma			0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade			0.8810	0.1190	0.8845	0.7610	0.4620
green			0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage			0.5333	0.2333	0.5312	0.3713	0.5411
gsalc			1.0000	0.0000	1.0000	1.0000	0.0000
haberman			0.7000	0.3000	0.4118	-0.0630	0.7714
hapt			0.0073	0.1654	0.0012	0.0000	0.3596
har			0.2844	0.2862	0.0886	0.0000	0.3861
har70			0.0899	0.2600	0.0236	0.0000	0.3023
har701%			0.7726	0.0650	0.3960	0.6295	0.1291

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.3750	0.4167	0.4419	-0.0256	0.5646
hcc-survival		0.5882	0.4118	0.3704	0.0000	0.5049
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.7742	0.2258	0.7741	0.5470	0.7087
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.9220	0.0780	0.9084	0.8161	0.3814
heart-quantum		0.8400	0.1600	0.8326	0.6552	0.5518
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%		0.5618	0.4382	0.6187	0.0703	0.5590
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0000	0.2500	0.0000	-0.1879	0.4601
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.5312	0.4688	0.5182	0.0323	0.9481
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9721	0.0279	0.9109	0.8080	0.1395
hypothyroid		0.9231	0.0385	0.3980	0.2618	0.0879
hypothyroidT		0.9310	0.0690	0.7021	0.1756	0.1727
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.8575	0.0110	0.8687	0.8518	0.1068
jm1		0.8108	0.1892	0.6092	0.0696	0.4751
jvowels		0.8906	0.0243	0.8860	0.8757	0.1160
kc1		0.8720	0.1280	0.7136	0.2987	0.3950
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.5859	0.0949	0.6347
kdc-4007		0.1496	0.2430	0.0876	0.0110	0.5873
kddcup981%		0.9053	0.0947	0.4751	-0.0491	0.6630
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2029	0.0886	0.1982	0.1372	0.9592
krvskp		0.9060	0.0940	0.9072	0.8122	0.4042
la1s-wc		0.8063	0.0645	0.7903	0.7496	0.2216
la2s-wc		0.7947	0.0684	0.7628	0.7359	0.2829

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
labor		0.6667	0.3333	0.6250	0.2500	0.8750
leaf		0.6176	0.0332	0.5138	0.5963	0.1037
led24		0.7000	0.0600	0.6329	0.6562	0.1489
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.6389	0.0481	0.5858	0.6113	0.1525
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6765	0.3235	0.4035	0.0000	0.4580
loan		0.8454	0.1546	0.8378	0.6486	0.4707
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1887	0.1475	0.1216	0.0643	0.7075
lrs		0.7736	0.0453	0.4179	0.6765	0.1427
lung		0.8095	0.0762	0.5263	0.5410	0.1518
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.8500	0.0600	0.5818	0.6178	0.1128
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.6667	0.3333	0.7065	0.2703	0.4882
lymphography		0.8571	0.0714	0.4500	0.7083	0.1472
lymphoma2		0.7778	0.0741	0.6377	0.6667	0.1222
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.6000	0.4000	0.6000	0.2000	0.9285
magic04		0.7785	0.2215	0.7616	0.4380	0.4861
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6436	0.2376	0.6438	0.4502	0.5228
math		0.5000	0.2500	0.4785	0.1561	0.3000
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.1867	0.3253	0.1881	-0.0165	0.8821
messidor		0.6261	0.3739	0.6505	0.2776	0.8288
meter-A		0.2500	0.7500	0.2667	-0.4118	1.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.8558	0.7741	0.1717
meter-D		0.7222	0.1389	0.8185	0.6234	0.1774
mfeat-fac		1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fou		0.7200	0.0560	0.7128	0.6889	0.2292
mfeat-kar		0.9700	0.0060	0.9711	0.9667	0.0357
mfeat-mor		0.5800	0.0840	0.5689	0.5333	0.3034
mfeat-pix		0.9800	0.0040	0.9811	0.9778	0.0225
mfeat-zer		0.7250	0.0550	0.6783	0.6944	0.2098
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9245	0.0503	0.9247	0.8854	0.1651
mines		0.3824	0.2471	0.2877	0.2188	0.5066
mobile		0.6329	0.0131	0.6224	0.6261	0.1522
monks-1		0.7455	0.2545	0.7621	0.4874	0.6499
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9865	0.0135	0.9866	0.9729	0.0809
music		0.0806	0.1672	0.0136	0.0000	0.3712

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
musk		0.9197	0.0803	0.8346	0.6099	0.2023
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5425	0.4575	0.6152	0.1655	0.7505
MUT_ci300400a_cdk_ESTATE		0.6859	0.3141	0.6875	0.3705	0.8250
MUT_ci300400a_cdk_EXTENDED		0.6187	0.3813	0.5944	0.1819	0.9076
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.6954	0.3046	0.6820	0.3612	0.8297
MUT_ci300400a_cdk_PUBCHEM		0.5916	0.4084	0.6571	0.2462	0.7257
MUT_ci300400a_cdk_STANDARD		0.5952	0.4048	0.5835	0.0379	0.5874
MUT_ci300400a_rdkit_descriptors		0.7870	0.2130	0.7813	0.5624	0.6928
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9031	0.0969	0.7984	0.5312	0.3321
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5139	0.3241	0.3066	-0.0084	0.4955
nursery		0.8511	0.0745	0.6468	0.7792	0.1865
obesity		0.5355	0.1327	0.5741	0.4576	0.3609
obs		0.7870	0.1065	0.8130	0.6772	0.2863
occupancy		0.9859	0.0141	0.9809	0.9611	0.1506
Occupancy_Estimation		0.9891	0.0054	0.9659	0.9669	0.0524
oh0-wc		0.7723	0.0455	0.7523	0.7372	0.2030
oh10-wc		0.6571	0.0686	0.6090	0.6065	0.2894
oh15-wc		0.7391	0.0522	0.7186	0.7001	0.2053
oh5-wc		0.8022	0.0396	0.7885	0.7757	0.1801
ohscal-wc		0.5923	0.0815	0.5611	0.5418	0.4981
olive		0.8947	0.0234	0.8165	0.8668	0.0625
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9715	0.0057	0.9731	0.9683	0.0416
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.7750	0.0112	0.7239	0.7692	0.0409
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8677	0.7310	0.5083
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9543	0.0183	0.6516	0.6838	0.1176
parkinson		0.8417	0.1583	0.8411	0.6560	0.4768
parkinsons		0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small		0.8421	0.1579	0.7920	0.4956	0.3261
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.7723	0.2277	0.7079	0.2528	0.4120
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9369	0.0631	0.7116	0.2096	0.1619

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8553	0.1447	0.8015	0.5217	0.3086
pediatric-leukemia			0.5000	0.1429	0.4484	0.3992	0.3689
pendigits			0.9745	0.0051	0.9748	0.9717	0.0376
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.7697	0.2303	0.7475	0.4813	0.7017
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.7350	0.2650	0.7114	0.4208	0.7826
phishing			0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.4525	0.1564	0.4390	0.3587	0.5025
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.4350	0.1614	0.4234	0.3405	0.5658
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7889	0.2111	0.7465	0.4922	0.7238
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.5658	0.4342	0.3613	-0.0773	0.8157
pirvision			0.8975	0.0684	0.7920	0.5843	0.1591
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9323	0.0677	0.6695	0.0445	0.1696
polya			0.6919	0.3081	0.6656	0.1785	0.5376
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.5294	0.4706	0.5765	0.0588	0.6634
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.3636	0.0979	0.1869	0.2612	0.2585
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.4000	0.6000	0.2857	0.0000	0.5239
prostate			0.6429	0.3571	0.6774	0.1860	0.4929
prostate_GE			0.7273	0.2727	0.7243	0.4407	0.7677
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.8431	0.0628	0.7790	0.7845	0.1835
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4950	0.5050	0.4949	-0.0101	0.9983
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8889	0.1111	0.8924	0.7778	0.4271
re0-wc			0.7333	0.0410	0.5854	0.6459	0.3043
re1-wc			0.6988	0.0241	0.5416	0.6487	0.2094
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9930	0.0070	0.9929	0.9858	0.0469

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8165	0.0612	0.7287	0.7691	0.1686
satimageF			0.9891	0.0109	0.9714	0.9421	0.0920
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5294	0.4706	0.5315	0.0588	0.9560
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8355	0.0470	0.8532	0.8079	0.1346
segmentation			0.8218	0.1782	0.8028	0.5803	0.5587
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8637	0.1363	0.6899	0.1923	0.3400
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9922	0.0078	0.9885	0.9768	0.1057
smarket			0.8880	0.1120	0.8908	0.7752	0.4315
smart-farming			0.1800	0.4100	0.1603	-0.0928	0.8494
smk_can_187			0.6316	0.3684	0.6315	0.2486	0.8662
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2000	0.3200	0.2036	0.0017	0.8648
solar-flare			0.6906	0.1031	0.6055	0.6073	0.2951
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.8382	0.0170	0.7607	0.8218	0.0723
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8674	0.1326	0.8669	0.7074	0.3874
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.4038	0.0442	0.3058	0.3651	0.1999
splice-EI			0.9338	0.0662	0.9102	0.8128	0.2911
splice-IE			0.7918	0.2082	0.6883	0.1723	0.3671
sport-articles			0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8154	0.1846	0.6851	0.3512	0.7045
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9692	0.0308	0.9524	0.9001	0.1086
steel-o			0.7282	0.2718	0.7037	0.2754	0.5105

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-p			0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9538	0.0462	0.8720	0.7436	0.4535
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8403	0.1597	0.6747	0.2122	0.4634
stockb			0.8722	0.0852	0.8807	0.8085	0.1860
streaming			0.8740	0.1260	0.8747	0.7473	0.4979
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3400	0.2640	0.2180	0.0205	0.7785
student-weekend			0.2769	0.2892	0.1893	0.0152	0.8158
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.5385	0.3077	0.5820	0.2778	0.4565
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4762	0.2000	0.5980
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.8164	0.0334	0.8523	0.7979	0.1344
theorem			0.9951	0.0049	0.9950	0.9899	0.0414
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.6471	0.1765	0.6714	0.5342	0.3168
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.7805	0.0488	0.7484	0.7230	0.1546
trec12-wc			0.7419	0.0645	0.7246	0.6771	0.1363
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.6667	0.1111	0.5176	0.5034	0.3326
trec31-wc			0.9355	0.0215	0.9326	0.9131	0.0841
trec41-wc			0.7386	0.0523	0.5101	0.6760	0.1631
trec45-wc			0.7681	0.0464	0.7231	0.7228	0.1627
tuandromd			0.9552	0.0448	0.9294	0.8584	0.3016
turkish			0.7000	0.1500	0.6854	0.6000	0.3150
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.7846	0.2154	0.7762	0.4791	0.4876
tvnews10%			0.8682	0.1318	0.8582	0.7014	0.4585
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7463	0.0564	0.7974	0.7020	0.1667
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.6429	0.1786	0.6332	0.5065	0.3215
vehicleVAN			0.9643	0.0357	0.9523	0.9000	0.1262
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vowel			0.4949	0.0918	0.5360	0.4444	0.2520
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7308	0.0269	0.5400	0.6923	0.1667
warpar10p			0.7692	0.0462	0.7830	0.7417	0.0830
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.4589	0.1546	0.4334	0.3658	0.5242
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.3100	0.3450	0.3075	0.0801	0.8228
waveform			0.8320	0.1120	0.8361	0.7481	0.3582
weather-related			0.9500	0.0091	0.9516	0.9432	0.0612
web-phishing			0.7926	0.1383	0.5459	0.6075	0.3469
Weekly			0.8981	0.1019	0.9036	0.7889	0.3001
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5346	0.1551	0.2612	0.2518	0.6036
winequality-white			0.4560	0.1554	0.2327	0.2210	0.8148
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.5000	0.0667	0.3693	0.4576	0.1398
yeast			0.4459	0.1108	0.2852	0.3055	0.6193
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 12: Detailed results for BQLSVC(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1639	0.0796	0.0772	0.0596	0.4132
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.4500	0.5500	0.4415	-0.1000	0.9904
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7840	0.2160	0.6854	0.1647	0.3750
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.7978	0.0809	0.3758	0.4389	0.2449
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9597	0.0202	0.7192	0.9219	0.0749
anuran-genus		0.9597	0.0101	0.8714	0.9324	0.0588
anuran-species		0.9681	0.0064	0.9419	0.9552	0.0402
anxiety		0.0917	0.2019	0.0689	-0.0233	0.6681
apple-quality		0.8500	0.1500	0.8530	0.7000	0.5367
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia		0.5556	0.0684	0.0557	0.0260	0.2389
auction		0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.5909	0.0744	0.5399	0.4897	0.2062
audit-risk		0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.5000	0.1667	0.3324	0.2958	0.3418
avila		0.5323	0.0779	0.4950	0.2617	0.2442
babies		0.4274	0.1636	0.1399	0.0907	0.4148
balance		0.8871	0.0753	0.6114	0.7877	0.2090
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8664	0.1336	0.8596	0.6873	0.3709
basehock		0.5025	0.4975	0.6036	0.0100	0.5283
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.7619	0.2381	0.7419	0.4560	0.6789
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5696	0.5686	0.1639
bridges		0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7471	0.1264	0.3997	0.5223	0.2526
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.7042	0.0592	0.5594	0.6352	0.2180
cardiotocography-nsp		0.8451	0.1033	0.6716	0.4296	0.1839
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.5866	0.5122	0.4610
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.6089	0.3911	0.6041	0.1876	0.8720
cas_N6512_rdkit_AVALON		0.5960	0.4040	0.5997	0.1969	0.9212
cas_N6512_RDkit_Avalon_FP		0.5966	0.4034	0.6040	0.2026	0.9102
cas_N6512_rdkit_descriptors		0.6954	0.3046	0.7074	0.3997	0.7835
cas_N6512_rdkit_FEATMORGAN		0.5730	0.4270	0.6294	0.1864	0.7359
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.7055	0.2945	0.7094	0.4142	0.8004
cas_N6512_rdkit_LAYERED		0.7215	0.2785	0.7227	0.4436	0.7870
cas_N6512_RDkit_Layered_FP		0.7132	0.2868	0.7119	0.4237	0.8043
cas_N6512_rdkit_MACCS		0.6774	0.3226	0.6746	0.3490	0.8502
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.6400	0.3600	0.6508	0.2906	0.8562
cas_N6512_RDkit_pattern_FP		0.6656	0.3344	0.6825	0.3444	0.8030
cas_N6512_rdkit_RDKITFP		0.7174	0.2826	0.7197	0.4365	0.7891
cas_N6512_rdkit_TORSION		0.5908	0.4092	0.6275	0.2116	0.8037
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9452	0.0548	0.6772	0.1912	0.2906
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8100	0.1900	0.6504	0.1245	0.4441
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6667	0.2222	0.4397	0.3163	0.4597
cjs		0.8786	0.0405	0.8018	0.8510	0.1129
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7176	0.1412	0.4871	0.5471	0.3795
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.5926	0.4000	0.2083
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4558	0.3628	0.4271	0.1246	0.7069
cnae-9		0.4722	0.1173	0.5101	0.4062	0.2859
codon_usage		0.8718	0.0233	0.5725	0.8422	0.1417
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.2600	0.0987	0.0859	0.1367	0.3423
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6207	0.3793	0.6480	0.2238	0.7270
colposcopies-c		0.8276	0.1724	0.7526	0.3777	0.3360
column-2c		0.8710	0.1290	0.8486	0.6884	0.4958
column-3c		0.7419	0.1720	0.6525	0.5739	0.3295
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7524	0.2476	0.7526	0.5049	0.7454
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.9230	0.0770	0.8186	0.6139	0.4159
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		0.8000	0.1000	0.8310	0.7333	0.1553
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.1562	0.0422	0.1085	0.1420	0.1677
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0918	0.0000	0.5180
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.7037	0.2963	0.7303	0.3344	0.4688
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8037	0.1963	0.6601	0.2251	0.5832
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5167	0.4833	0.6132	0.0333	0.5271
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9333	0.0333	0.8930	0.9073	0.1006
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.6998	0.2001	0.6115	0.4480	0.3611
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.4149	0.1672	0.1621	0.2370	0.3673
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6011	0.1140	0.1587	0.1398	0.3236
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5213	0.1368	0.0979	0.0000	0.2706
drug-17		0.3777	0.1778	0.1360	0.1192	0.4283
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0053	0.2842
drybean		0.9184	0.0233	0.9314	0.9010	0.1194
ecoli		0.8529	0.0368	0.5477	0.7909	0.0845
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.6322	0.3678	0.6539	0.2022	0.6510
eeg10%		0.2961	0.0880	0.2016	0.2003	0.4628
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4932	0.2027	0.2923	0.2984	0.3190
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.4800	0.5200	0.4770	-0.0434	0.9963
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.2398	0.0894	0.0920	0.0431	0.3431
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6078	0.3922	0.5989	0.1694	0.8544
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.8846	0.0577	0.8691	0.8411	0.1798
gas		0.9547	0.0151	0.9513	0.9451	0.0741
gastrointestinal		0.5625	0.2917	0.3774	0.1642	0.3881
gender		0.5958	0.2695	0.3705	0.1131	0.5062
gene		0.9180	0.0547	0.9125	0.8703	0.2372
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.9193	0.0807	0.9194	0.8385	0.3721
gisette		0.9600	0.0400	0.9600	0.9200	0.2258
glass		0.7143	0.0952	0.5344	0.5800	0.2400
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.6667	0.3333	0.6689	0.1503	0.4745
glassBWNFP		0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.6000	0.2667	0.5333	0.4444	0.1500
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.3333	0.3333	0.2110	0.0566	0.5338
gsalc		0.7778	0.0741	0.7059	0.7313	0.0884
haberman		0.7000	0.3000	0.4118	-0.0630	0.7714
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.7726	0.0650	0.3960	0.6295	0.1291
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth1%		0.0012	0.1665	0.0002	0.0000	0.3229
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.4375	0.3750	0.4950	0.0769	0.5872
hcc-survival		0.5882	0.4118	0.3704	0.0000	0.5049
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.7742	0.2258	0.7741	0.5470	0.7087
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.9220	0.0780	0.9084	0.8161	0.3814
heart-quantum		0.8400	0.1600	0.8326	0.6552	0.5518
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%		0.5618	0.4382	0.6187	0.0703	0.5590
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.5312	0.4688	0.5182	0.0323	0.9481
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.9721	0.0279	0.9109	0.8080	0.1395
hypothyroid		0.9231	0.0385	0.3980	0.2618	0.0879
hypothyroidT		0.9310	0.0690	0.7021	0.1756	0.1727
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.9358	0.0049	0.9380	0.9332	0.0564
jm1		0.8108	0.1892	0.6092	0.0696	0.4751
jvowels		0.9749	0.0056	0.9745	0.9715	0.0406
kc1		0.8720	0.1280	0.7136	0.2987	0.3950
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.5859	0.0949	0.6347
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.6526	0.3474	0.5734	0.0684	0.3459
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3373	0.0736	0.2437	0.2468	0.4187
krvskp		0.9060	0.0940	0.9072	0.8122	0.4042
la1s-wc		0.3365	0.2212	0.1481	0.1245	0.4325
la2s-wc		0.4238	0.1921	0.1889	0.2108	0.4168
labor		0.6667	0.3333	0.6250	0.2500	0.8750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
leaf		0.5588	0.0384	0.4884	0.5380	0.0969
led24		0.3000	0.1400	0.1867	0.2553	0.2549
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0380	0.0740	0.0028	0.0000	0.4195
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8056	0.0259	0.7983	0.7907	0.0864
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.6765	0.3235	0.4035	0.0000	0.4580
loan		0.8454	0.1546	0.8378	0.6486	0.4707
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.4035	0.1085	0.0938	0.1419	0.3365
lrs		0.7925	0.0415	0.4169	0.7070	0.1393
lung		0.8095	0.0762	0.5263	0.5410	0.1518
lung_discrete		0.7500	0.0714	0.3750	0.6667	0.0972
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.8500	0.0600	0.5818	0.6178	0.1128
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.6667	0.3333	0.7065	0.2703	0.4882
lymphography		0.8571	0.0714	0.4500	0.7083	0.1472
lymphoma2		0.5556	0.1481	0.2326	0.2941	0.2247
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.6000	0.4000	0.6000	0.2000	0.9285
magic04		0.7785	0.2215	0.7616	0.4380	0.4861
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6337	0.2442	0.6335	0.4360	0.5475
math		0.6250	0.1875	0.3459	0.3697	0.3535
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.5000	0.2500	0.3333	0.3333	0.3228
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.6261	0.3739	0.6505	0.2776	0.8288
meter-A		0.2500	0.7500	0.2667	-0.4118	1.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.4444	0.2778	0.5662	0.2500	0.2753
meter-D		0.6111	0.1944	0.4222	0.4299	0.2079
mfeat-fac		0.9750	0.0050	0.9764	0.9722	0.0284
mfeat-fou		0.8250	0.0350	0.8362	0.8056	0.1537
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7200	0.0560	0.6916	0.6889	0.1804
mfeat-pix		0.9850	0.0030	0.9856	0.9833	0.0186
mfeat-zer		0.8700	0.0260	0.8427	0.8556	0.0727
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9057	0.0629	0.9036	0.8555	0.2117
mines		0.5000	0.2000	0.4219	0.3745	0.3686
mobile		0.8077	0.0069	0.8297	0.8042	0.0820
monks-1		0.7455	0.2545	0.7621	0.4874	0.6499
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9865	0.0135	0.9866	0.9729	0.0809
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.9197	0.0803	0.8346	0.6099	0.2023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.6859	0.3141	0.6875	0.3705	0.8250
MUT_ci300400a_cdk_EXTENDED		0.6187	0.3813	0.5944	0.1819	0.9076
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.6954	0.3046	0.6820	0.3612	0.8297
MUT_ci300400a_cdk_PUBCHEM		0.5916	0.4084	0.6571	0.2462	0.7257
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.7870	0.2130	0.7813	0.5624	0.6928
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		0.9031	0.0969	0.7984	0.5312	0.3321
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5417	0.3056	0.3773	0.0492	0.4422
nursery		0.8542	0.0729	0.6487	0.7839	0.1847
obesity		0.7536	0.0704	0.7484	0.7125	0.2237
obs		0.7963	0.1019	0.8237	0.6856	0.2671
occupancy		0.9859	0.0141	0.9809	0.9611	0.1506
Occupancy_Estimation		0.9882	0.0059	0.9642	0.9640	0.0646
oh0-wc		0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc		0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc		0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc		0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.9123	0.0195	0.8353	0.8898	0.0492
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9769	0.0046	0.9789	0.9743	0.0317
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.8750	0.0063	0.8471	0.8718	0.0226
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8677	0.7310	0.5083
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9470	0.0212	0.5791	0.6328	0.1268
parkinson		0.8417	0.1583	0.8411	0.6560	0.4768
parkinsons		0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small		0.8421	0.1579	0.7920	0.4956	0.3261
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.7723	0.2277	0.7079	0.2528	0.4120
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9369	0.0631	0.7116	0.2096	0.1619
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8553	0.1447	0.8015	0.5217	0.3086
pediatric-leukemia			0.5294	0.1345	0.3716	0.4087	0.4037
pendigits			0.9809	0.0038	0.9816	0.9787	0.0279
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.7697	0.2303	0.7475	0.4813	0.7017
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.7350	0.2650	0.7114	0.4208	0.7826
phishing			0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.6616	0.0967	0.5801	0.6023	0.2873
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%			0.6590	0.0974	0.6332	0.5987	0.2907
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7889	0.2111	0.7465	0.4922	0.7238
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.5658	0.4342	0.3613	-0.0773	0.8157
pirvision			0.9399	0.0401	0.8881	0.7825	0.1195
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th			0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th			0.9306	0.0694	0.5966	0.0403	0.2959
polya			0.6919	0.3081	0.6656	0.1785	0.5376
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.5294	0.4706	0.5765	0.0588	0.6634
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2727	0.1119	0.1498	0.1927	0.3216
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.4000	0.6000	0.2857	0.0000	0.5239
prostate			0.6429	0.3571	0.6774	0.1860	0.4929
prostate_GE			0.7273	0.2727	0.7243	0.4407	0.7677
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.8787	0.0485	0.8411	0.8353	0.1623
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4950	0.5050	0.4949	-0.0101	0.9983
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8889	0.1111	0.8924	0.7778	0.4271
re0-wc			0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.5492	0.4508	0.3545	0.0000	0.5182

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8180	0.0607	0.7333	0.7711	0.1691
satimageF			0.9891	0.0109	0.9714	0.9421	0.0920
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.2791	0.2632	0.3282
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5294	0.4706	0.5315	0.0588	0.9560
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9134	0.0247	0.9229	0.8987	0.0954
segmentation			0.8218	0.1782	0.8028	0.5803	0.5587
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8637	0.1363	0.6899	0.1923	0.3400
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9922	0.0078	0.9885	0.9768	0.1057
smarket			0.8880	0.1120	0.8908	0.7752	0.4315
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.6316	0.3684	0.6315	0.2486	0.8662
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1767	0.3293	0.1012	-0.0378	0.5562
solar-flare			0.7266	0.0911	0.5633	0.6475	0.1953
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.8971	0.0108	0.8240	0.8863	0.0409
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8674	0.1326	0.8669	0.7074	0.3874
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.4808	0.0385	0.2700	0.4446	0.1659
splice-EI			0.9338	0.0662	0.9102	0.8128	0.2911
splice-IE			0.7918	0.2082	0.6883	0.1723	0.3671
sport-articles			0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8154	0.1846	0.6851	0.3512	0.7045
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9692	0.0308	0.9524	0.9001	0.1086
steel-o			0.7231	0.2769	0.6911	0.2648	0.5619
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9538	0.0462	0.8720	0.7436	0.4535
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8403	0.1597	0.6747	0.2122	0.4634
stockb			0.8987	0.0675	0.9082	0.8481	0.1444
streaming			0.8740	0.1260	0.8747	0.7473	0.4979
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6667	0.2222	0.6694	0.5000	0.4210
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.9836	0.0030	0.9848	0.9820	0.0227
theorem			0.9951	0.0049	0.9950	0.9899	0.0414
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.6471	0.1765	0.6471	0.5364	0.1783
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3871	0.2043	0.1314	0.0490	0.4036
trec41-wc			0.3864	0.1227	0.1484	0.2257	0.3373
trec45-wc			0.2754	0.1449	0.0959	0.1009	0.3904
tuandromd			0.9552	0.0448	0.9294	0.8584	0.3016
turkish			0.8500	0.0750	0.8521	0.8000	0.1546
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.7846	0.2154	0.7762	0.4791	0.4876
tvnews10%			0.8682	0.1318	0.8582	0.7014	0.4585
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7612	0.0531	0.7259	0.7178	0.1463
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7143	0.1429	0.6495	0.6117	0.2909
vehicleVAN			0.9643	0.0357	0.9523	0.9000	0.1262
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5859	0.0753	0.5715	0.5444	0.2004

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.5385	0.0923	0.4000	0.4800	0.1477
warppie10p			0.8571	0.0286	0.8743	0.8409	0.0636
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.6332	0.1048	0.6151	0.5692	0.3788
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8320	0.1120	0.8390	0.7480	0.3409
weather-related			0.8731	0.0231	0.8862	0.8550	0.1120
web-phishing			0.8000	0.1333	0.5513	0.6221	0.3391
Weekly			0.8981	0.1019	0.9036	0.7889	0.3001
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0254
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5660	0.1447	0.2817	0.2635	0.3270
winequality-white			0.4826	0.1478	0.1572	0.1045	0.3406
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.5625	0.0583	0.5106	0.5333	0.0927
yeast			0.4527	0.1095	0.3291	0.2999	0.3442
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.8731	0.0254	0.8221	0.8578	0.1063

Table 13: Detailed results for BRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0695	0.0642	0.0512	0.0365	0.5969
abalone19		0.7201	0.2799	0.5142	0.0029	0.0713
abalone9-18		0.7123	0.2877	0.6888	0.2003	0.3372
accelerometer		0.8731	0.1269	0.6855	0.1779	0.2814
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9756	0.0244	0.9505	0.9007	0.2654
adult		0.8090	0.1910	0.7874	0.5503	0.6401
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.4762	0.5238	0.3893	-0.1056	0.4559
AID_1431_KlekotaRothFingerprinter		0.5000	0.5000	0.4584	-0.0409	0.4515
AID_1431_MACCSFingerprinter		0.4762	0.5238	0.4776	-0.0209	0.4354
AID_1878		0.6286	0.3714	0.5718	0.1241	0.7386
AID_602330		0.5573	0.4427	0.5171	0.0107	0.2586
AID_652128		0.3131	0.4579	0.4352	0.0427	0.3644
AID1284Morered		0.5556	0.4444	0.5542	0.0740	0.6007
AID1284red		0.5000	0.5000	0.5308	0.0386	0.5810
AID1608Morered		0.5728	0.4272	0.6190	0.1082	0.3408
AID1608red		0.6699	0.3301	0.5978	0.1007	0.3764
AID362red		0.8014	0.1986	0.5747	0.0408	0.1667
AID373AID439red		0.7088	0.2912	0.6311	0.0008	0.0017
AID373red		0.7755	0.2245	0.5914	0.0039	0.0130
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.6774	0.3226	0.5030	0.0002	0.0293
AID604		0.8683	0.1317	0.6623	0.0446	0.0719
AID604AID644_AllRed		0.8337	0.1663	0.6014	0.0060	0.0166
AID644Morered		0.5000	0.5000	0.4553	-0.0870	0.9393
AID644red		0.6500	0.3500	0.6030	0.2045	0.8754
AID687AID721red		0.4882	0.5118	0.5985	0.0012	0.0034
AID687red		0.6377	0.3623	0.5736	0.0056	0.0261
AID688red		0.5513	0.4487	0.5180	0.0029	0.0675
AID721morered		0.2222	0.7778	0.1818	-0.4651	0.7939
AID721red		0.3333	0.6667	0.5970	0.0690	0.4422
AID746AID1284red		0.7339	0.2661	0.6115	0.0043	0.0112
AID746red		0.7247	0.2753	0.6057	0.0214	0.0613
aids		0.8779	0.1221	0.8533	0.6969	0.5447
air_pollution		0.1567	0.2410	0.1591	0.0138	0.8633
air-booking		0.6872	0.3128	0.6564	0.2526	0.6336
airline		0.9593	0.0407	0.9586	0.9171	0.2276
alcohol		0.7714	0.0914	0.6038	0.5448	0.4736
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9395	0.0605	0.9334	0.8657	0.2997
anneal		0.7865	0.0854	0.7963	0.6523	0.2518
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9805	0.0195	0.7848	0.4545	0.4809
anuran-family		0.9332	0.0334	0.8813	0.8764	0.3088
anuran-genus		0.9360	0.0160	0.8908	0.8982	0.2318
anuran-species		0.9653	0.0069	0.9315	0.9519	0.1057
anxiety		0.1083	0.1981	0.1031	-0.0044	0.8125
apple-quality		0.8750	0.1250	0.8752	0.7500	0.4985
aps-failure		0.9467	0.0533	0.7576	0.3804	0.4466
arabidopsis		0.8162	0.1838	0.6290	0.0504	0.1112
arabidopsis0.1%		0.7471	0.2529	0.5923	0.0279	0.0935
arabidopsis1%		0.6614	0.3386	0.5952	0.0200	0.0675
arabidopsis10%		0.8003	0.1997	0.6128	0.0400	0.1034

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia		0.2889	0.1094	0.3373	0.2161	0.4399
auction		0.9902	0.0098	0.9791	0.9573	0.1761
audiology		0.4348	0.0471	0.1834	0.3758	0.0866
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6500	0.1167	0.5734	0.5611	0.2566
avila		0.5520	0.0747	0.5881	0.4750	0.6087
babies		0.2823	0.2051	0.2113	0.0858	0.6969
balance		0.5968	0.2688	0.5447	0.3974	0.4971
bank		0.8509	0.1491	0.7828	0.5037	0.5733
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9032	0.0968	0.8944	0.7881	0.4314
basehock		0.9849	0.0151	0.9849	0.9698	0.1051
bio		0.9763	0.0237	0.7651	0.4100	0.4638
bio10%		0.9705	0.0295	0.7265	0.3289	0.4267
biodeg		0.8667	0.1333	0.8625	0.7226	0.5300
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0073	0.0685	0.0693	0.0044	0.1437
bitcoin1%		0.0758	0.2641	0.2401	0.0087	0.0602
bitcoin10%		0.9633	0.0000	0.0768	0.1524	0.3204
body-perf		0.7418	0.1291	0.7426	0.6557	0.4051
bookings		0.9357	0.0429	0.7826	0.8700	0.0582
brain-tumor		0.5000	0.5000	0.5000	-0.0000	1.0000
breast-cancer		0.6786	0.3214	0.6816	0.3368	0.7643
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17		0.7913	0.2087	0.6921	0.3080	0.5612
bub12at310k-hg16-17		0.7959	0.2041	0.6969	0.3175	0.5622
bub8at310k-hg16-17		0.7746	0.2254	0.6968	0.3022	0.5363
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.2950	0.4700	0.3059	-0.0420	0.8004
car		0.8506	0.0747	0.8734	0.7187	0.3024
car-insurance		0.8180	0.1820	0.8081	0.6056	0.6319
card		0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography		0.8216	0.0357	0.8272	0.7920	0.2089
cardiotocography-nsp		0.8920	0.0720	0.8308	0.7371	0.4227
cardiovascular		0.7144	0.2856	0.7145	0.4289	0.8017
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.7265	0.6207	0.4680
cas_N6512_cdk_ECFP2		0.7849	0.2151	0.7852	0.5693	0.6897
cas_N6512_rdkit_ATOMPAIR		0.7754	0.2246	0.7751	0.5496	0.7080
cas_N6512_RDkit_AtomPair_FP		0.7776	0.2224	0.7772	0.5540	0.7045
cas_N6512_rdkit_AVALON		0.8172	0.1828	0.8175	0.6338	0.6290
cas_N6512_RDkit_Avalon_FP		0.8190	0.1810	0.8206	0.6385	0.6198
cas_N6512_rdkit_descriptors		0.7892	0.2108	0.7906	0.5789	0.6781
cas_N6512_rdkit_FEATMORGAN		0.7926	0.2074	0.7924	0.5842	0.6774
cas_N6512_RDkit_Featmorgan_FP		0.7975	0.2025	0.7983	0.5950	0.6651
cas_N6512_RDkit_FP		0.7807	0.2193	0.7811	0.5609	0.6968
cas_N6512_rdkit_LAYERED		0.8046	0.1954	0.8078	0.6107	0.6412
cas_N6512_RDkit_Layered_FP		0.7868	0.2132	0.7858	0.5716	0.6896

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.8080	0.1920	0.8065	0.6129	0.6501
cas_N6512_RDkit_MACCS_FP		0.8144	0.1856	0.8187	0.6307	0.6160
cas_N6512_rdkit_MORGAN		0.8092	0.1908	0.8089	0.6173	0.6468
cas_N6512_RDkit_morgan_FP		0.8160	0.1840	0.8161	0.6313	0.6318
cas_N6512_rdkit_PATTERN		0.7877	0.2123	0.7903	0.5767	0.6757
cas_N6512_RDkit_pattern_FP		0.7868	0.2132	0.7887	0.5744	0.6804
cas_N6512_rdkit_RDKITFP		0.8141	0.1859	0.8136	0.6269	0.6377
cas_N6512_rdkit_TORSION		0.7877	0.2123	0.7880	0.5749	0.6847
ccds		0.8034	0.1966	0.6484	0.1727	0.3770
ccds1%		0.6758	0.3242	0.6024	0.0814	0.2765
ccds10%		0.7394	0.2606	0.6145	0.1080	0.3160
cdc_diabetes		0.5933	0.2712	0.4685	0.2107	0.4962
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7876	0.2124	0.8019	0.5758	0.6158
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.8457	0.1543	0.6620	0.2280	0.4549
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.7533	0.2467	0.6137	0.1295	0.3887
CDS49_AID687_Rdkit-ecfp4-fp		0.7502	0.2498	0.5003	0.0000	0.0276
census		0.8488	0.1512	0.7382	0.3722	0.5066
census10%		0.9599	0.0465	0.7566	0.4228	0.3647
central-nervous-system		0.5000	0.5000	0.6604	0.1818	0.5239
cervical-B		0.9302	0.0698	0.7711	0.5343	0.5962
cervical-C		0.8140	0.1860	0.5803	0.1236	0.5157
cervical-H		0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S		0.9070	0.0930	0.7833	0.5497	0.6033
children-anemia		0.9277	0.0361	0.9098	0.8925	0.1787
chrom19		0.9834	0.0166	0.6829	0.0974	0.1383
chrom191%		0.9530	0.0470	0.6719	0.0454	0.0670
chrom1910%		0.9816	0.0184	0.6802	0.0962	0.1384
chrom21		0.8740	0.1260	0.6131	0.0017	0.0041
chrom211%		0.3825	0.6175	0.5806	0.0010	0.0037
chrom2110%		0.8712	0.1288	0.6064	0.0020	0.0050
chronic-kidney		0.8012	0.1988	0.6481	0.2390	0.5642
churn		0.7760	0.2240	0.7361	0.4440	0.6849
churn-bigml		0.8989	0.1011	0.8569	0.6797	0.5216
ci900367j_MACCS		0.7053	0.2947	0.7185	0.4179	0.7587
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6667	0.2222	0.5931	0.4357	0.5733
cjs		0.9964	0.0012	0.9959	0.9956	0.0106
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7269	0.1366	0.6855	0.6148	0.4645
climate		0.8519	0.1481	0.7122	0.3609	0.5697
cll_sub_111		0.4167	0.3889	0.4220	0.0455	0.5904
cm1		0.6800	0.3200	0.5981	0.1398	0.5505
cmc		0.5442	0.3039	0.5347	0.3100	0.6966
cnae-9		0.9444	0.0123	0.9465	0.9375	0.0628
codon_usage		0.6723	0.0596	0.6122	0.6138	0.4508
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9091	0.0909	0.8981	0.7867	0.4421
collins		0.7200	0.0373	0.6641	0.6946	0.1512
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-2		0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3		0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4		0.5172	0.4828	0.5107	0.0193	0.8693
colposcopies-5		0.7586	0.2414	0.7208	0.3940	0.6550
colposcopies-6		0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c		0.7241	0.2759	0.6594	0.3136	0.7964
column-2c		0.9355	0.0645	0.9342	0.8597	0.3145
column-3c		0.8065	0.1290	0.7543	0.6895	0.2733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.5110	0.4890	0.5133	0.0263	0.9870
connect-4		0.9506	0.0330	0.6334	0.4318	0.4993
cottonmeloidogyne		0.7596	0.2404	0.7616	0.5197	0.7246
coupon		0.7508	0.2492	0.7484	0.4960	0.7492
covid19		0.1494	0.2430	0.2622	0.0617	0.6813
covtype		0.7803	0.0628	0.7472	0.6682	0.4544
covtype10%		0.6465	0.1010	0.6398	0.4928	0.5117
covtypeCD		0.9697	0.0303	0.9434	0.8815	0.3332
covtypeT		0.9517	0.0483	0.8712	0.7131	0.5111
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9758	0.0242	0.6834	0.1149	0.1651
creditcard_trans10%		0.9810	0.0190	0.6684	0.1262	0.1956
crowdsourced		0.8774	0.0409	0.7732	0.7697	0.3761
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.6250	0.0187	0.4643	0.6133	0.0616
customer-churn		0.9040	0.0960	0.7212	0.2685	0.3626
cybersecurity		0.1400	0.2867	0.1415	-0.0315	0.8964
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.7963	0.2037	0.7970	0.5903	0.6643
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.6923	0.3077	0.6977	0.2353	0.3900
dating		0.1020	0.1796	0.1021	0.0022	0.9246
day1%		0.9548	0.0238	0.9647	0.9647	0.1574
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7480	0.2520	0.6963	0.3771	0.7425
defect		0.9599	0.0401	0.9227	0.8399	0.2297
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8357	0.1643	0.7723	0.4792	0.5768
depressed		0.5385	0.4615	0.5309	0.0459	0.6785
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.6525	0.4146	0.3469
dexter		0.9333	0.0667	0.9372	0.8667	0.2500
df_final		0.6875	0.2083	0.6844	0.5349	0.3571
DIA		0.7833	0.2167	0.7453	0.4800	0.7113
diabetes		0.9423	0.0577	0.9400	0.8793	0.3074
diabetes-100k		0.9046	0.0954	0.8097	0.5715	0.5632
diabetes-risk		0.8858	0.1142	0.8513	0.6900	0.5461
diabetic		0.4833	0.3444	0.4490	0.1804	0.7443
diabetic1%		0.4314	0.3791	0.4294	0.1224	0.7492
diabetic10%		0.5683	0.2793	0.4154	0.1544	0.5375
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7360	0.1056	0.7236	0.6302	0.3843
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih		0.4167	0.5833	0.4000	-0.2000	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.7654	0.2346	0.6223	0.0146	0.0337
dna1%		0.8500	0.1500	0.6446	0.0272	0.0500
dna10%		0.8690	0.1310	0.6466	0.0316	0.0569
dorothea		0.9391	0.0609	0.8049	0.5993	0.4698
dota2		0.5727	0.4273	0.5737	0.1469	0.9479
dota210%		0.5786	0.4214	0.5791	0.1578	0.9444
drebin		0.9920	0.0080	0.9914	0.9828	0.0625
dropout		0.7336	0.1776	0.7081	0.5803	0.4572
drug-01		0.1649	0.2386	0.2029	0.0413	0.7899
drug-02		0.3564	0.1839	0.2773	0.1980	0.7614

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-03		0.1755	0.2356	0.1707	0.0497	0.6680
drug-04		0.2713	0.2082	0.2496	0.1191	0.7307
drug-05		0.1117	0.2538	0.1112	0.0258	0.6132
drug-06		0.2713	0.2082	0.2461	0.1434	0.7098
drug-07		0.1117	0.2538	0.0944	-0.0449	0.7934
drug-08		0.2979	0.2006	0.2181	0.1125	0.7984
drug-09		0.2606	0.2112	0.0893	0.0179	0.4935
drug-10		0.3298	0.1915	0.3047	0.1680	0.7291
drug-11		0.4415	0.1596	0.2357	0.0982	0.5609
drug-12		0.2340	0.2188	0.2093	0.0661	0.5875
drug-13		0.3830	0.1763	0.2407	0.1910	0.6639
drug-14		0.4734	0.1505	0.3815	0.2913	0.7408
drug-15		0.3830	0.1763	0.2165	0.1044	0.7134
drug-16		0.3617	0.1824	0.2282	0.1874	0.6799
drug-17		0.2234	0.2219	0.2346	0.1077	0.7366
drug-18		0.3617	0.2553	0.2330	0.0090	0.0148
drug-19		0.3085	0.1976	0.1470	0.0694	0.6657
drybean		0.9199	0.0229	0.9337	0.9032	0.1304
ecoli		0.7059	0.0735	0.4703	0.6009	0.1981
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.6970	0.3030	0.6205	0.1667	0.5194
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2500	0.3750	0.2545	0.0012	0.8497
eeg		0.4344	0.0707	0.4814	0.3911	0.6464
eeg-eye		0.9226	0.0774	0.9217	0.8434	0.3648
eeg10%		0.2876	0.0890	0.3639	0.2419	0.6627
email_phishing		0.7866	0.2134	0.6370	0.0712	0.1528
eucalyptus		0.6301	0.1479	0.6153	0.5316	0.3810
euthyroid		0.9525	0.0475	0.8855	0.7625	0.4738
exon.vs.intron-freq		0.9828	0.0172	0.9828	0.9655	0.1127
exon.vs.intron-freq10%		0.9639	0.0361	0.9642	0.9273	0.1930
fakenews		0.5025	0.4975	0.5024	0.0049	0.9986
farm-ads		0.9155	0.0845	0.9154	0.8295	0.3772
fbis-wc		0.8049	0.0230	0.7772	0.7816	0.1943
fertility		0.5000	0.5000	0.3333	-0.1905	0.5180
finance		0.7451	0.2549	0.7438	0.4872	0.7579
financial-risk		0.5355	0.1548	0.4607	0.3246	0.4987
fishcatch		0.8750	0.0417	0.9249	0.8462	0.0696
flags		0.4500	0.1375	0.4906	0.3855	0.2138
fonts		0.6076	0.0051	0.5092	0.5950	0.7005
fonts10%		0.3628	0.0083	0.2194	0.3460	0.7720
forest		0.9231	0.0385	0.9069	0.8937	0.0884
gas		0.9950	0.0017	0.9950	0.9939	0.0128
gastrointestinal		0.7500	0.1667	0.8120	0.6279	0.3098
gender		0.4653	0.3565	0.4602	0.1423	0.7176
gene		0.9338	0.0442	0.9274	0.8947	0.1941
german		0.6400	0.3600	0.6205	0.2389	0.8814
gestures		0.9170	0.0415	0.9171	0.8893	0.1838
gina		0.9539	0.0461	0.9539	0.9078	0.2505
gisette		0.9714	0.0286	0.9714	0.9429	0.1749
glass		0.6190	0.1270	0.7506	0.5385	0.2968
glass-g2		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP		0.9524	0.0476	0.9529	0.9014	0.2404
glassBWNFP		0.7619	0.2381	0.7698	0.5161	0.6769
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		0.8636	0.1364	0.7471	0.3529	0.4422

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassVWFP		0.5714	0.4286	0.6434	0.1043	0.2369
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.8750	0.1250	0.8730	0.7143	0.4644
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8813	0.7590	0.4804
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.4667	0.2667	0.5739	0.3103	0.4958
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7000	0.3000	0.6932	0.3602	0.7481
hapt		0.8957	0.0174	0.7756	0.8769	0.1546
har		0.9959	0.0016	0.9955	0.9948	0.0118
har70		0.7727	0.0650	0.6631	0.7034	0.2236
har701%		0.6650	0.0957	0.5546	0.5827	0.2645
har7010%		0.7436	0.0732	0.6281	0.6698	0.2426
harth		0.8266	0.0289	0.6538	0.7704	0.2919
harth1%		0.7575	0.0404	0.5572	0.6814	0.3500
harth10%		0.8523	0.0249	0.5030	0.8032	0.2031
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.5882	0.4118	0.6071	0.2013	0.8825
health-activity		0.3100	0.3450	0.2111	-0.0089	0.6097
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8710	0.1290	0.8745	0.7427	0.4884
heart-c		0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure		0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum		0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8536	0.1464	0.8541	0.7073	0.5488
hepmass10%		0.8640	0.1360	0.8643	0.7280	0.5249
hERG-121inputs		0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs		0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6900	0.3100	0.6907	0.3803	0.8308
higgs1%		0.7158	0.2842	0.7165	0.4320	0.7968
higgs10%		0.7380	0.2620	0.7388	0.4763	0.7649
higher		0.2143	0.1964	0.1782	0.0941	0.3561
hinselmann		0.5000	0.5000	0.5000	0.0000	0.7460
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8887	0.1113	0.8452	0.6687	0.5507
hiva		0.7849	0.2151	0.5745	0.0772	0.3387
horse		0.6389	0.2407	0.6275	0.4236	0.6315
hotel-reservartions		0.9046	0.0954	0.8947	0.7880	0.4487
hr		0.4702	0.5298	0.5230	0.0271	0.5624
ht-sensor		0.9999	0.0000	0.9999	0.9999	0.0004
ht-sensor10%		0.9991	0.0006	0.9992	0.9987	0.0048
htru2		0.9609	0.0391	0.8981	0.7893	0.4465
hypothyroid		0.6340	0.1830	0.4182	0.2025	0.4002
hypothyroidT		0.9894	0.0106	0.9660	0.9297	0.2551
ilpd		0.6610	0.3390	0.6441	0.2752	0.8175
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
instagram		0.9720	0.0140	0.9723	0.9627	0.0618
ionosphere		0.9429	0.0571	0.9404	0.8736	0.2987
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9012	0.0076	0.9057	0.8972	0.0813
jm1		0.6841	0.3159	0.6588	0.2776	0.7063
jvowels		0.9769	0.0051	0.9749	0.9738	0.0396
kc1		0.7014	0.2986	0.6628	0.2725	0.6536
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.2857	0.0595	0.0256	0.1139	0.0841
kc1-class-level-top5percentDF		0.5333	0.4667	0.3478	-0.1290	0.3873
kc2		0.8077	0.1923	0.8159	0.5674	0.5244
kdc-4007		0.8055	0.0486	0.7070	0.7729	0.2735
kddcup98		0.5751	0.4249	0.5365	0.0278	0.3066
kddcup981%		0.6316	0.3684	0.6163	0.1026	0.3169
kddcup9810%		0.5654	0.4346	0.5175	0.0131	0.3097
kddcup99		0.9140	0.0086	0.4818	0.8570	0.1564
kddcup991%		0.9073	0.0143	0.6074	0.8478	0.1783
kddcup9910%		0.9370	0.0055	0.4920	0.8955	0.1960
kepler		0.8954	0.0697	0.8571	0.8282	0.2006
kidney		0.2030	0.3188	0.1814	-0.0151	0.5746
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.4449	0.0617	0.4939	0.3902	0.6074
krvskp		0.9875	0.0125	0.9876	0.9749	0.0814
la1s-wc		0.8952	0.0349	0.8947	0.8697	0.1828
la2s-wc		0.8543	0.0486	0.8409	0.8196	0.2488
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0147	0.4001	0.6909	0.0643
led24		0.7000	0.0600	0.6724	0.6610	0.1237
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9640	0.0028	0.9638	0.9625	0.0435
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8889	0.0148	0.9110	0.8807	0.0496
linkage		0.9998	0.0002	0.9889	0.9775	0.1219
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.9976	0.0001	0.9791	0.9931	0.0216
liver		0.8235	0.1765	0.8102	0.6151	0.6335
loan		0.9859	0.0141	0.9850	0.9700	0.0987
localization		0.6001	0.0727	0.5452	0.5331	0.5808
localization10%		0.4557	0.0990	0.4374	0.3818	0.6503
lrs		0.5660	0.0868	0.2693	0.4322	0.2253
lung		0.8571	0.0571	0.9170	0.7649	0.1331
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8000	0.0800	0.8035	0.6721	0.3698
lung-cancer-harvard2		0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.7857	0.1071	0.6005	0.6557	0.2142
lymphoma2		0.6667	0.0741	0.5000	0.6029	0.0294
machine-failure		0.9255	0.0745	0.9237	0.8472	0.3606
madelon		0.7692	0.2308	0.7693	0.5385	0.7188
magic04		0.8722	0.1278	0.8624	0.7238	0.5287
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7917	0.2083	0.7971	0.5860	0.6544
marketing		0.7812	0.2188	0.7218	0.3948	0.6400
maternal		0.8416	0.1056	0.8440	0.7598	0.3624
math		0.8000	0.1000	0.7928	0.7096	0.2801
mba		0.6177	0.2548	0.4989	0.2435	0.5082
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2000	0.3200	0.2014	0.0003	0.8742
messidor		0.6783	0.3217	0.6752	0.3499	0.8475
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.9700	0.0060	0.9707	0.9667	0.0353
mfeat-fou		0.8050	0.0390	0.8066	0.7833	0.1495
mfeat-kar		0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-mor		0.6850	0.0630	0.6875	0.6500	0.2070
mfeat-pix		0.9850	0.0030	0.9856	0.9833	0.0163
mfeat-zer		0.7750	0.0450	0.7777	0.7500	0.1440
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5319	0.4463	0.4305
mobile		0.9476	0.0019	0.9518	0.9466	0.0245
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9508	0.0492	0.9498	0.8946	0.2605
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4467	0.1006	0.5382	0.3755	0.5444
musk		0.9470	0.0530	0.9026	0.8041	0.4136
MUT_ci300400a_cdk_ECFP2		0.8141	0.1859	0.8149	0.6253	0.6295
MUT_ci300400a_cdk_ECFP4		0.8383	0.1617	0.8376	0.6724	0.5853
MUT_ci300400a_cdk_ECFP6		0.8156	0.1844	0.8111	0.6222	0.6403
MUT_ci300400a_cdk_ESTATE		0.7974	0.2026	0.7923	0.5845	0.6753
MUT_ci300400a_cdk_EXTENDED		0.8705	0.1295	0.8707	0.7380	0.5075
MUT_ci300400a_cdk_FCFP2		0.8240	0.1760	0.8238	0.6441	0.6129
MUT_ci300400a_cdk_FCFP4		0.8106	0.1894	0.8101	0.6170	0.6404
MUT_ci300400a_cdk_FCFP6		0.8189	0.1811	0.8168	0.6321	0.6292
MUT_ci300400a_cdk_MACCS		0.8513	0.1487	0.8510	0.6989	0.5554
MUT_ci300400a_cdk_PUBCHEM		0.8838	0.1162	0.8819	0.7629	0.4824
MUT_ci300400a_cdk_STANDARD		0.8503	0.1497	0.8480	0.6949	0.5640
MUT_ci300400a_rdkit_descriptors		0.8559	0.1441	0.8560	0.7092	0.5438
myocardial		0.5235	0.1191	0.3367	0.1960	0.4699
naticusdroid		0.9717	0.0283	0.9717	0.9434	0.1736
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.5000	0.1111	0.3030	0.4375	0.0440
ncRNA		0.7608	0.0252	0.6113	0.5574	0.9081
ncRNA1%		0.5881	0.0434	0.4250	0.3571	0.8468
ncRNA10%		0.8995	0.0095	0.5306	0.7586	0.4356
neo		0.8066	0.1934	0.7594	0.4114	0.5114
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.8414	0.0072	0.8476	0.8366	0.1227
newspop		0.6655	0.3345	0.6647	0.3293	0.8628
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9626	0.0374	0.9553	0.9098	0.2565
NPHA-doctor-visits		0.3194	0.4537	0.3247	-0.0238	0.8099
nursery		0.6327	0.1469	0.4867	0.5129	0.3538
obesity		0.9384	0.0176	0.9404	0.9280	0.0775
obs		0.9722	0.0139	0.9811	0.9591	0.0599
occupancy		0.9922	0.0078	0.9892	0.9783	0.0971
Occupancy_Estimation		0.9941	0.0030	0.9801	0.9820	0.0280
oh0-wc		0.9109	0.0178	0.9138	0.8987	0.0849
oh10-wc		0.7619	0.0476	0.7537	0.7319	0.2361
oh15-wc		0.9022	0.0196	0.9025	0.8892	0.1058
oh5-wc		0.8901	0.0220	0.9046	0.8762	0.1190
ohscal-wc		0.7823	0.0435	0.7752	0.7569	0.2942
olive		0.9298	0.0156	0.9293	0.9129	0.0693
opn310k		0.8001	0.1999	0.6993	0.3238	0.5651
opn310k10%		0.7817	0.2183	0.6898	0.2954	0.5447

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
opnat310k-hg16-17		0.8061	0.1939	0.7054	0.3365	0.5669
optdigits		0.9644	0.0071	0.9658	0.9604	0.0524
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.8419	0.1581	0.7197	0.2662	0.3697
ozone8hr		0.7905	0.2095	0.6448	0.2239	0.5409
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8557	0.1443	0.8513	0.6942	0.5502
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants		0.8641	0.1359	0.6650	0.0569	0.0915
p53-mutants10%		0.7707	0.2293	0.6446	0.0209	0.0385
page-blocks		0.9104	0.0358	0.7642	0.6509	0.4234
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.9052	0.0948	0.8999	0.7996	0.4315
parkinsons-small		0.8421	0.1579	0.8508	0.6587	0.4882
particle		0.9257	0.0743	0.9146	0.8244	0.3984
particle10%		0.9046	0.0954	0.8927	0.7779	0.4568
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.7748	0.2252	0.6977	0.2760	0.4721
pcmac		0.4897	0.5103	0.5025	0.0048	0.9681
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8684	0.1316	0.8574	0.6923	0.5240
pediatric-leukemia		0.7941	0.0588	0.7837	0.7516	0.2090
pendigits		0.9936	0.0013	0.9935	0.9929	0.0124
period		0.6667	0.3333	0.7500	0.4000	0.5283
period-10f		0.5556	0.4444	0.5791	0.1429	0.8628
persistency		0.8251	0.1749	0.8156	0.6307	0.6288
personalities		0.9747	0.0032	0.9747	0.9730	0.0458
pet-adoption		0.9250	0.0750	0.9145	0.8284	0.3690
phishing		0.9796	0.0204	0.9786	0.9573	0.1420
PhiUSIIL		1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc		0.9804	0.0056	0.9785	0.9771	0.0262
phone-acc0.1%		0.8813	0.0339	0.8736	0.8613	0.1215
phone-acc1%		0.9296	0.0201	0.9241	0.9178	0.0806
phone-acc10%		0.9616	0.0110	0.9580	0.9552	0.0449
phone-gyr		0.9844	0.0045	0.9825	0.9818	0.0226
phone-gyr0.1%		0.8859	0.0326	0.8788	0.8665	0.1432
phone-gyr1%		0.9493	0.0145	0.9445	0.9407	0.0693
phone-gyr10%		0.9745	0.0073	0.9715	0.9702	0.0348
phoneme		0.8944	0.1056	0.8857	0.7596	0.4699
phy		0.7128	0.2872	0.7128	0.4255	0.8041
pima		0.8026	0.1974	0.7980	0.5940	0.6633
pirvision		0.9863	0.0091	0.9776	0.9579	0.1237
placement		0.7860	0.2140	0.7824	0.5642	0.6933
plant-growth		0.7368	0.2632	0.7360	0.4693	0.7643
plrx		0.5000	0.5000	0.4721	-0.0519	0.8981
poker		0.1718	0.1656	0.1439	0.0042	0.9276
poker1%		0.1522	0.2422	0.2190	0.0211	0.7321
poker10%		0.1878	0.2030	0.1849	0.0074	0.8425
polish-1st		0.7767	0.2233	0.6801	0.1873	0.3279
polish-2nd		0.7306	0.2694	0.6383	0.1289	0.3084
polish-3rd		0.7181	0.2819	0.6118	0.1140	0.3535
polish-4th		0.7490	0.2510	0.6743	0.2004	0.3806
polish-5th		0.8443	0.1557	0.7226	0.3588	0.5340
polya		0.7643	0.2357	0.7593	0.5114	0.7183
popularity		0.4905	0.3396	0.5026	0.2162	0.6299

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
post-operative			0.4444	0.3704	0.3810	0.1667	0.3263
postures			0.9885	0.0046	0.9883	0.9856	0.0307
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6919	0.3824	0.8284
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3636	0.0579	0.2452	0.3232	0.1817
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6119	0.3881	0.6333	0.2433	0.8189
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9947	0.0021	0.9910	0.9929	0.0221
puc-rio10%			0.9879	0.0048	0.9776	0.9838	0.0375
pufs-128			0.4995	0.5004	0.4996	-0.0009	0.9992
pufs-1281%			0.5020	0.4980	0.5020	0.0040	0.9977
pufs-12810%			0.5049	0.4951	0.5049	0.0098	0.9962
pufs-64			0.5026	0.4974	0.5026	0.0052	0.9975
pufs-641%			0.4929	0.5071	0.4929	-0.0142	1.0000
pufs-6410%			0.5007	0.4993	0.5006	0.0013	0.9983
pulsar			0.9657	0.0343	0.9094	0.8138	0.4179
raisin			0.9000	0.1000	0.9001	0.8000	0.4311
rcv1			0.5887	0.0155	0.4009	0.5515	0.8908
rcv11%			0.5056	0.0241	0.3765	0.4555	0.5513
rcv110%			0.6147	0.0154	0.4437	0.5788	0.7304
re0-wc			0.6733	0.0503	0.7425	0.6105	0.3372
re1-wc			0.6446	0.0284	0.6863	0.6211	0.2269
rejafada			0.9950	0.0050	0.9665	0.9307	0.2605
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4108	0.0181	0.1628	0.2840	0.5413
rice			0.9857	0.0143	0.9856	0.9711	0.1021
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.7025	0.2975	0.7189	0.4179	0.7586
RT_IOT2022			0.9861	0.0023	0.8477	0.9652	0.0609
satimage			0.9145	0.0285	0.9046	0.8949	0.1502
satimageF			0.9860	0.0140	0.9654	0.9301	0.2271
satimageT			0.8756	0.1244	0.8041	0.5452	0.5541
scadi			0.5714	0.1224	0.3687	0.4615	0.1141
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.6538	0.3462	0.6032	0.1084	0.3893
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9784	0.0062	0.9814	0.9747	0.0275
segmentation			0.8515	0.1485	0.8486	0.6897	0.5568
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.7597	0.2403	0.6443	0.1938	0.4680
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.6737	0.3263	0.5930	0.1495	0.6434
sens-10-gram			0.8084	0.1916	0.6520	0.2962	0.7183
sens-2-gram			0.7026	0.2974	0.6303	0.2130	0.6368
sens-3-gram			0.7474	0.2526	0.6539	0.2675	0.6571
sens-4-gram			0.7158	0.2842	0.5897	0.1569	0.6831
sens-5-gram			0.7342	0.2658	0.6235	0.2161	0.6728
sens-6-gram			0.7184	0.2816	0.5662	0.1192	0.7017
sens-7-gram			0.7263	0.2737	0.6013	0.1787	0.6837
sens-8-gram			0.7158	0.2842	0.5774	0.1371	0.6919
sens-9-gram			0.7842	0.2158	0.5989	0.1927	0.7362
sensorless			0.9990	0.0002	0.9990	0.9989	0.0024

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sepsis			0.5344	0.4656	0.5868	0.0877	0.4195
shoppers			0.8637	0.1363	0.8004	0.5759	0.6069
shuttle			0.9922	0.0022	0.8579	0.9785	0.2461
sick			0.9682	0.0318	0.8872	0.7687	0.4577
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9994	0.0006	0.9991	0.9983	0.0131
skin10%			0.9980	0.0020	0.9969	0.9938	0.0375
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2000	0.4000	0.1878	-0.0650	0.8305
smk_can_187			0.5263	0.4737	0.5225	0.0447	0.9841
smoking			0.8224	0.1776	0.8303	0.6419	0.5759
soil_pollution			0.2067	0.3173	0.2060	0.0081	0.8692
solar-flare			0.6906	0.1031	0.6268	0.6156	0.2741
sonar			0.6500	0.3500	0.6508	0.3000	0.8761
soybean			0.9706	0.0031	0.9809	0.9678	0.0165
spam-detection			0.9320	0.0680	0.8467	0.6716	0.5411
spambase			0.9370	0.0630	0.9343	0.8685	0.3242
spect			0.6667	0.3333	0.7404	0.3721	0.5239
spectf			0.8857	0.1143	0.8600	0.7200	0.5179
spectrometer			0.3962	0.0252	0.2080	0.3662	0.1592
splice-EI			0.9558	0.0442	0.9475	0.8894	0.2925
splice-IE			0.9243	0.0757	0.9059	0.8048	0.4266
sport-articles			0.8200	0.1800	0.8196	0.6304	0.6145
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.2667	0.2857	0.2308	0.1805
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9170	0.0554	0.8969	0.8659	0.2102
steel-b			0.7949	0.2051	0.7707	0.5061	0.6424
steel-d			0.9231	0.0769	0.7333	0.3706	0.4918
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.8051	0.1949	0.7987	0.5906	0.6543
steel-p			0.8462	0.1538	0.7618	0.4316	0.5323
steel-s			0.9744	0.0256	0.8470	0.6925	0.4821
steel-z			0.9641	0.0359	0.9192	0.8247	0.4176
stellar			0.9708	0.0195	0.9670	0.9486	0.1218
stock			0.8403	0.1597	0.8104	0.5799	0.5821
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0362
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.3600	0.2560	0.3266	0.1795	0.6000
student-depression			0.8315	0.1685	0.8271	0.6541	0.6082
student-habits			0.2400	0.3040	0.2984	0.0909	0.7148
student-weekend			0.2615	0.2954	0.2809	0.0695	0.6854
student-workday			0.5000	0.2000	0.2394	0.1651	0.7013
studentap			0.5385	0.3077	0.5960	0.3036	0.4805
susy1%			0.7964	0.2036	0.7945	0.5873	0.6678
susy10%			0.7980	0.2020	0.7961	0.5906	0.6649
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.6000	0.2667	0.6082	0.4000	0.6002
telco-churn			0.8864	0.1136	0.8657	0.7256	0.5205
texture			0.9800	0.0036	0.9812	0.9779	0.0299
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.6170	0.3830	0.5740	0.1151	0.6565
thrombin			0.9424	0.0576	0.6481	0.2434	0.4832
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tis			0.8811	0.1189	0.8626	0.7115	0.5239
tis10%			0.8955	0.1045	0.8742	0.7398	0.5018
titanic			0.7591	0.2409	0.7276	0.4549	0.7599
tourist			1.0000	0.0000	0.8333	1.0000	0.0000
tox_171			0.7059	0.1471	0.7348	0.6119	0.1908
toxicity			0.4706	0.5294	0.4411	-0.1168	0.9859
toxicity-13f			0.7647	0.2353	0.7424	0.4848	0.7453
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.5733	0.4267	0.5420	0.0762	0.8280
trec11-wc			0.5610	0.0976	0.5436	0.4993	0.2667
trec12-wc			0.8710	0.0323	0.8646	0.8446	0.0953
trec21-wc			0.6364	0.1212	0.6483	0.4612	0.3528
trec23-wc			0.7619	0.0794	0.6486	0.6698	0.2352
trec31-wc			0.5484	0.1290	0.5600	0.4606	0.3699
trec41-wc			0.7955	0.0409	0.7799	0.7582	0.2208
trec45-wc			0.8841	0.0232	0.8578	0.8648	0.1024
tuandromd			0.9821	0.0179	0.9732	0.9457	0.1915
turkish			0.8250	0.0875	0.8213	0.7667	0.2430
tvnews			0.9574	0.0426	0.9541	0.9081	0.2456
tvnews1%			0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%			0.9005	0.0995	0.8941	0.7879	0.4483
ur3_cobotops_grip			0.8531	0.1469	0.6669	0.2068	0.3876
ur3_cobotops_stop			0.9524	0.0476	0.8193	0.5762	0.5373
urban			0.8657	0.0299	0.8893	0.8431	0.1224
urinalysis			0.7902	0.2098	0.6615	0.2146	0.4468
ustilago			0.8196	0.1804	0.6368	0.0641	0.1339
ustilago1%			0.6515	0.3485	0.6045	0.0261	0.0790
ustilago10%			0.7428	0.2572	0.6227	0.0449	0.1092
vehicle			0.7619	0.1190	0.7147	0.6775	0.2247
vehicleVAN			0.9643	0.0357	0.9565	0.9091	0.2605
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6566	0.0624	0.6811	0.6222	0.1927
vowelZ			0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17			0.8298	0.1702	0.7191	0.3745	0.5831
wap-wc			0.5962	0.0404	0.5523	0.5558	0.3123
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.9997	0.0001	0.9997	0.9997	0.0010
watch-acc1%			0.9667	0.0095	0.9659	0.9610	0.0564
watch-acc10%			0.9962	0.0011	0.9961	0.9956	0.0090
watch-gyr			0.9997	0.0001	0.9997	0.9997	0.0010
watch-gyr1%			0.9504	0.0142	0.9490	0.9421	0.0695
watch-gyr10%			0.9922	0.0022	0.9919	0.9909	0.0156
water_pollution			0.2300	0.3850	0.2305	-0.0263	0.8735
waveform			0.8400	0.1067	0.8402	0.7600	0.3679
weather-related			0.9712	0.0052	0.9746	0.9674	0.0476
web-phishing			0.8519	0.0988	0.8291	0.7490	0.4105
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9995	0.0002	0.9994	0.9994	0.0018
white-clover			0.3333	0.3333	0.1250	0.0000	0.1934
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9441	0.0559	0.8195	0.5929	0.5499
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.3585	0.2138	0.3847	0.1768	0.7079
winequality-white			0.3006	0.1998	0.2319	0.1241	0.7427
winnipeg			0.9851	0.0043	0.9666	0.9812	0.0776
winnipeg10%			0.9730	0.0077	0.9473	0.9659	0.1093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5811	0.0838	0.4097	0.4707	0.5465
yeastCYT-POX			0.7755	0.2245	0.6979	0.2108	0.3281
yeastEXC			0.8851	0.1149	0.7292	0.2877	0.3783
yeastME1			0.9392	0.0608	0.7807	0.4478	0.4858
yeastME2			0.8581	0.1419	0.6794	0.2691	0.4861
zip			0.9462	0.0108	0.9410	0.9398	0.0901

Table 14: Detailed results for BUTIF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1990	0.0552	0.0967	0.1277	0.4990
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9741	0.0259	0.5498	0.0950	0.5854
accident		0.5000	0.5000	0.5000	0.0000	0.9713
ads		0.9756	0.0244	0.9482	0.8950	0.1934
adult		0.8423	0.1577	0.7684	0.5304	0.6372
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_KlekotaRothFingerprinter		0.8571	0.1429	0.4615	-0.0728	0.7372
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.7619	0.2381	0.5327	0.0622	0.8294
AID_602330		0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128		0.8182	0.1212	0.3017	-0.0137	0.6496
AID1284Morered		0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red		0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered		0.8932	0.1068	0.6051	0.2094	0.6663
AID1608red		0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9940	0.0060	0.4985	-0.0030	0.5141
AID604		0.9956	0.0044	0.5540	0.0853	0.4941
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5631	0.1250	0.9054
AID644red		0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9890	0.0110	0.4972	-0.0031	0.4667
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.4444	0.5556	0.3077	-0.3636	0.8576
AID746AID1284red		0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red		0.9936	0.0064	0.5878	0.0937	0.3472
aids		0.7981	0.2019	0.7021	0.3938	0.7243
air_pollution		0.3167	0.1952	0.1589	0.0219	0.8586
air-booking		0.8504	0.1496	0.5784	0.0305	0.4150
airline		0.9166	0.0834	0.9151	0.8293	0.3761
alcohol		0.8381	0.0648	0.6802	0.6087	0.2120
all-aml		0.8333	0.1667	0.8537	0.6667	0.4644
alzheimers		0.7209	0.2791	0.6912	0.3821	0.8107
anneal		0.9775	0.0090	0.9714	0.9510	0.0249
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9972	0.0028	0.9085	0.7987	0.0133
anuran-family		0.9736	0.0132	0.7288	0.9494	0.0732
anuran-genus		0.9694	0.0076	0.8828	0.9496	0.0739
anuran-species		0.9708	0.0058	0.8791	0.9593	0.0407
anxiety		0.1000	0.2000	0.0960	-0.0136	0.8099
apple-quality		0.7950	0.2050	0.7950	0.5900	0.6736
aps-failure		0.9903	0.0097	0.8596	0.7189	0.4008
arabidopsis		0.9899	0.0101	0.5585	0.0976	0.5218
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9923	0.0077	0.6543	0.1855	0.2789
arabidopsis10%		0.9903	0.0097	0.5478	0.0698	0.4902

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
auction		0.9069	0.0931	0.7549	0.4191	0.3576
audiology		0.4783	0.0435	0.1706	0.4090	0.1473
audit-risk		0.9744	0.0256	0.9732	0.9465	0.1658
autism-adolescent		0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult		0.9286	0.0714	0.9162	0.8279	0.3945
autism-child		0.5517	0.4483	0.5556	0.1087	0.9549
autos		0.4500	0.1833	0.2512	0.3168	0.3420
avila		0.6287	0.0619	0.5620	0.4914	0.4576
balance		0.7581	0.1613	0.6435	0.5554	0.4911
bank		0.9104	0.0896	0.7541	0.5017	0.5817
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8479	0.1521	0.8325	0.6555	0.5436
basehock		0.9648	0.0352	0.9648	0.9296	0.2045
bio		0.9962	0.0038	0.8826	0.7558	0.2259
bio10%		0.9945	0.0055	0.8568	0.7115	0.4541
biodeg		0.8667	0.1333	0.8573	0.7089	0.5044
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9655	0.0031	0.0452	-0.0065	0.3748
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
body-perf		0.5425	0.2287	0.5493	0.3901	0.5917
bookings		0.9880	0.0080	0.7408	0.9746	0.1116
brain-tumor		0.4975	0.5025	0.4974	-0.0051	1.0000
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.3636	0.6364	0.3682	-0.2222	1.0000
breast-tissue		0.7273	0.0909	0.6655	0.6700	0.1505
bridges		0.7949	0.0683	0.5189	0.7027	0.0565
bub10at310k-hg16-17		0.9017	0.0983	0.6223	0.2170	0.6353
bub12at310k-hg16-17		0.9005	0.0995	0.6124	0.1956	0.6376
bub8at310k-hg16-17		0.8986	0.1014	0.6384	0.2652	0.6610
cad		0.9000	0.1000	0.8858	0.7692	0.4726
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4330	0.3780	0.3305	-0.0245	0.7559
car		0.8736	0.0632	0.8288	0.7376	0.3314
car-insurance		0.8270	0.1730	0.7958	0.5910	0.6438
card		0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography		0.6901	0.0620	0.5736	0.6214	0.2874
cardiotocography-nsp		0.8685	0.0876	0.7358	0.6237	0.4175
cardiovascular		0.6590	0.3410	0.6591	0.3180	0.8700
cargo2k		0.9822	0.0118	0.9821	0.9733	0.0664
cars		0.6750	0.2167	0.5289	0.2992	0.5700
cas_N6512_cdk_ECFP2		0.7527	0.2473	0.7504	0.5000	0.7453
cas_N6512_rdkit_ATOMPAIR		0.7662	0.2338	0.7646	0.5291	0.7254
cas_N6512_RDkit_AtomPair_FP		0.7301	0.2699	0.7277	0.4546	0.7800
cas_N6512_rdkit_AVALON		0.7742	0.2258	0.7727	0.5455	0.7120
cas_N6512_RDkit_Avalon_FP		0.8037	0.1963	0.8030	0.6058	0.6582
cas_N6512_rdkit_descriptors		0.7631	0.2369	0.7627	0.5249	0.7286
cas_N6512_rdkit_FEATMORGAN		0.7650	0.2350	0.7638	0.5276	0.7270
cas_N6512_RDkit_Featmorgan_FP		0.7515	0.2485	0.7502	0.5004	0.7487
cas_N6512_RDkit_FP		0.7684	0.2316	0.7665	0.5324	0.7203
cas_N6512_rdkit_LAYERED		0.7692	0.2308	0.7676	0.5351	0.7201
cas_N6512_RDkit_Layered_FP		0.7638	0.2362	0.7618	0.5228	0.7274
cas_N6512_rdkit_MACCS		0.7942	0.2058	0.7926	0.5852	0.6764
cas_N6512_RDkit_MACCS_FP		0.7699	0.2301	0.7687	0.5374	0.7190
cas_N6512_rdkit_MORGAN		0.7369	0.2631	0.7345	0.4673	0.7677

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.7500	0.2500	0.7481	0.4960	0.7510
cas_N6512_rdkit_PATTERN		0.7600	0.2400	0.7591	0.5181	0.7347
cas_N6512_RDkit_pattern_FP		0.7132	0.2868	0.7117	0.4234	0.8045
cas_N6512_rdkit_RDKITFP		0.7696	0.2304	0.7681	0.5361	0.7196
cas_N6512_rdkit_TORSION		0.7015	0.2985	0.7011	0.4018	0.8179
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9621	0.0379	0.6264	0.1084	0.3068
cdc_diabetes		0.8356	0.1096	0.4279	0.1854	0.4117
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8238	0.1762	0.8194	0.6313	0.6163
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9711	0.0289	0.8033	0.5894	0.3951
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9483	0.0517	0.6452	0.2622	0.5616
CDS49_AID687_Rdkit-ecfp4-fp		0.9967	0.0033	0.4992	-0.0013	0.5230
census		0.9496	0.0504	0.7499	0.4725	0.4709
census10%		0.9442	0.0558	0.7128	0.4133	0.5583
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S		0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia		0.7823	0.1088	0.7393	0.6712	0.3348
chrom19		0.9992	0.0008	0.7128	0.2629	0.1218
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9990	0.0010	0.6665	0.1902	0.2144
chrom21		0.9995	0.0005	0.4999	-0.0002	0.4206
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9036	0.0964	0.5434	0.0707	0.6622
churn		0.8400	0.1600	0.7258	0.4353	0.6539
churn-bigml		0.8539	0.1461	0.6324	0.2251	0.6602
ci900367j_MACCS		0.6316	0.3684	0.6197	0.2379	0.8919
cirrhosis		0.7857	0.1429	0.5331	0.5800	0.3660
cjs		0.9893	0.0036	0.9886	0.9869	0.0212
ckd		0.8000	0.2000	0.7895	0.4937	0.3876
clave		0.7269	0.1366	0.5355	0.5825	0.5145
climate		0.9074	0.0926	0.4757	-0.0305	0.6464
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5306	0.3129	0.4983	0.2592	0.7267
cnae-9		0.9537	0.0103	0.9541	0.9479	0.0528
codon_usage		0.8956	0.0190	0.7518	0.8733	0.1681
coil20		0.9583	0.0042	0.9650	0.9561	0.0223
college		0.8701	0.1299	0.8418	0.6821	0.5658
collins		0.3000	0.0933	0.2224	0.2212	0.3979
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.6897	0.3103	0.6729	0.3185	0.7867
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.4138	0.5862	0.4068	-0.1823	1.0000
colposcopies-c		0.7586	0.2414	0.6226	0.2281	0.7911
column-2c		0.7742	0.2258	0.7264	0.4055	0.6396
column-3c		0.6129	0.2581	0.5409	0.3779	0.6021
comedy_comparisons1%		0.5356	0.4644	0.5342	0.0684	0.9784
connect-4		0.9953	0.0032	0.8705	0.8893	0.0096
cottonmeloidogyne		0.7019	0.2981	0.7021	0.4040	0.8181
coupon		0.7003	0.2997	0.6928	0.3851	0.8244
covid19		0.5102	0.1399	0.2127	0.1329	0.3959
covtype		0.7581	0.0691	0.6700	0.6040	0.3650

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.7577	0.0692	0.6269	0.6026	0.3808
covtypeCD		0.9786	0.0214	0.9536	0.9058	0.1655
covtypeT		0.9696	0.0304	0.8765	0.7503	0.3612
crabs		0.7000	0.1500	0.7041	0.6000	0.2396
creditcard_trans		0.9992	0.0008	0.8644	0.7205	0.2717
creditcard_trans10%		0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced		0.9217	0.0261	0.8082	0.8386	0.2693
cryotherapy		0.5556	0.4444	0.5791	0.1429	0.8961
cultivars		0.4062	0.0297	0.2955	0.3889	0.0958
customer-churn		0.9794	0.0206	0.6328	0.1700	0.3714
cybersecurity		0.1733	0.2756	0.1707	0.0081	0.8679
cyclopentane		0.4815	0.5185	0.4750	-0.0500	1.0000
cylinder-bands		0.7222	0.2778	0.7119	0.4156	0.7798
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dating		0.0990	0.1802	0.0991	-0.0012	0.9270
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7997	0.2003	0.6615	0.2915	0.7099
defect		0.8333	0.1667	0.6300	0.2396	0.7182
dementia		0.9800	0.0200	0.9803	0.9599	0.1081
deposit		0.8956	0.1044	0.7133	0.4152	0.6193
depressed		0.7902	0.2098	0.5126	0.0210	0.7983
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.3750	0.4167	0.3028	0.0000	0.6592
dexter		0.8667	0.1333	0.8667	0.7333	0.5209
df_final		0.3125	0.4583	0.4049	0.0737	0.4110
DIA		0.8500	0.1500	0.7849	0.5500	0.5687
diabetes		0.9038	0.0962	0.8978	0.7950	0.4246
diabetes-100k		0.9539	0.0461	0.8353	0.6561	0.3791
diabetes-risk		0.8729	0.1271	0.7930	0.5780	0.5741
diabetic		0.5140	0.3240	0.4011	0.1270	0.7212
diabetic1%		0.5000	0.3333	0.4713	0.1731	0.7207
diabetic10%		0.4676	0.3549	0.3591	0.0311	0.7858
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8500	0.0750	0.8306	0.7896	0.2051
diamonds_all		0.6110	0.1556	0.5818	0.4430	0.4846
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.7059	0.2857	0.5283
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.2917	0.7083	0.2809	-0.4366	1.0000
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9961	0.0039	0.4990	-0.0016	0.5292
dorothea		0.8696	0.1304	0.7167	0.4131	0.6429
dota2		0.5530	0.4470	0.5511	0.1021	0.9666
dota210%		0.5320	0.4680	0.5299	0.0597	0.9810
drebin		0.9847	0.0153	0.9836	0.9671	0.1066
dropout		0.7088	0.1941	0.6278	0.5153	0.5647
drug-01		0.3351	0.1900	0.1838	0.0513	0.7494
drug-02		0.4521	0.1565	0.2178	0.1365	0.7340
drug-03		0.4734	0.1505	0.1614	0.0813	0.3874
drug-04		0.4255	0.1641	0.1790	0.0773	0.8290
drug-05		0.6330	0.1049	0.1260	-0.0014	0.7518
drug-06		0.2713	0.2082	0.2060	0.1145	0.7440
drug-07		0.4202	0.1657	0.1229	0.0084	0.3515
drug-08		0.5106	0.1398	0.2054	0.1673	0.6786
drug-09		0.6755	0.0927	0.1698	0.1787	0.1932
drug-10		0.4840	0.1474	0.1907	0.1374	0.7084

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-11			0.8085	0.0547	0.1289	0.0256	0.6055
drug-12			0.7606	0.0684	0.1423	0.0440	0.3787
drug-13			0.5053	0.1413	0.1510	0.1303	0.7204
drug-14			0.5213	0.1368	0.2380	0.1692	0.6144
drug-15			0.7074	0.0836	0.1999	0.1228	0.7423
drug-16			0.5266	0.1353	0.2454	0.2372	0.6145
drug-17			0.2766	0.2067	0.2083	0.0701	0.8046
drug-18			0.9947	0.0021	0.1995	0.0000	0.0076
drug-19			0.7021	0.0851	0.1522	0.0486	0.6499
drybean			0.9060	0.0269	0.9187	0.8862	0.1526
ecoli			0.6905	0.0956	0.4098	0.5603	0.2498
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU			0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM			0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce			0.2200	0.3900	0.2205	-0.0403	0.8664
eeg			0.4049	0.0744	0.4244	0.3384	0.6527
eeg-eye			0.7150	0.2850	0.7114	0.4228	0.8033
eeg10%			0.2944	0.0882	0.2646	0.2151	0.6756
email_phishing			0.9867	0.0133	0.5431	0.0027	0.0907
eucalyptus			0.5890	0.1644	0.5595	0.4704	0.4300
euthyroid			0.9399	0.0601	0.8056	0.5503	0.2762
exon.vs.intron-freq			0.9352	0.0648	0.9356	0.8703	0.3164
exon.vs.intron-freq10%			0.9254	0.0746	0.9262	0.8508	0.3458
fakenews			0.4875	0.5125	0.4874	-0.0253	1.0000
farm-ads			0.9010	0.0990	0.9011	0.8000	0.4162
fbis-wc			0.7154	0.0335	0.6717	0.6746	0.2351
fertility			0.9000	0.1000	0.8361	0.6154	0.5283
finance			0.5490	0.4510	0.5429	0.0857	0.9701
financial-risk			0.7860	0.0713	0.5538	0.6583	0.2953
fishcatch			0.8750	0.0417	0.8833	0.8416	0.1096
forest			0.8654	0.0673	0.8530	0.8137	0.1887
gas			0.9885	0.0038	0.9886	0.9860	0.0301
gastrointestinal			0.6250	0.2500	0.5876	0.3600	0.5906
gender			0.5642	0.2905	0.3582	0.0975	0.5363
gene			0.8076	0.1283	0.7903	0.6821	0.4220
german			0.6700	0.3300	0.6095	0.2067	0.8645
gestures			0.6344	0.1828	0.6370	0.5127	0.5451
gina			0.8156	0.1844	0.8157	0.6311	0.6338
gisette			0.9486	0.0514	0.9486	0.8971	0.2704
glass			0.7143	0.0952	0.5718	0.5974	0.2642
glass-g2			0.5000	0.5000	0.5333	0.0588	0.9056
glassBWFP			0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP			0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers			1.0000	0.0000	1.0000	1.0000	0.0000
glassNW			1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.8421	0.1579	0.8444	0.6851	0.5655
gli_85			1.0000	0.0000	1.0000	1.0000	0.0000
glioma			0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade			0.8214	0.1786	0.8149	0.6281	0.6226
green			0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage			0.4667	0.2667	0.4750	0.2727	0.5736
gsalc			0.8889	0.0370	0.9167	0.8657	0.0530
haberman			0.7000	0.3000	0.4118	-0.0630	0.7714
hapt			0.9241	0.0127	0.7910	0.9103	0.0716
har			0.9455	0.0218	0.9421	0.9310	0.1158

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
har70			0.8142	0.0531	0.5005	0.7216	0.4085
har701%			0.8173	0.0522	0.4838	0.7243	0.2819
har7010%			0.8120	0.0537	0.5258	0.7192	0.3431
harth			0.7894	0.0351	0.4694	0.7123	0.3530
harth1%			0.7849	0.0359	0.4481	0.7041	0.3027
harth10%			0.7818	0.0364	0.4682	0.7012	0.3412
hayes-roth			0.4375	0.3750	0.4801	0.1166	0.6233
hcc-survival			0.6471	0.3529	0.6223	0.2031	0.8037
health-activity			0.6900	0.1550	0.2541	0.0177	0.7152
heart			0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack			0.8387	0.1613	0.8389	0.6764	0.5837
heart-c			0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure			0.9580	0.0420	0.9509	0.9013	0.2381
heart-quantum			0.7200	0.2800	0.7083	0.4167	0.8017
hepatitis			0.7333	0.2667	0.5833	0.1667	0.8271
hepmass			0.7914	0.2086	0.7915	0.5829	0.6795
hepmass1%			0.7895	0.2105	0.7897	0.5791	0.6828
hepmass10%			0.7965	0.2035	0.7965	0.5929	0.6707
hERG-121inputs			0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs			0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs			0.9231	0.0769	0.8898	0.7547	0.2092
higgs			0.6131	0.3869	0.6100	0.2192	0.9168
higgs0.1%			0.5836	0.4164	0.5819	0.1637	0.9430
higgs1%			0.5965	0.4035	0.5938	0.1873	0.9324
higgs10%			0.6233	0.3767	0.6206	0.2404	0.9071
higher			0.2857	0.1786	0.2216	0.1566	0.3791
hinselmann			0.9000	0.1000	0.8361	0.6154	0.2404
hitters			0.8438	0.1562	0.8444	0.6875	0.5712
hiv1-proteasa			0.8971	0.1029	0.7990	0.5779	0.4944
hiva			0.9551	0.0449	0.5462	0.0765	0.5927
horse			0.5278	0.3148	0.3770	0.0893	0.6392
hotel-reservartions			0.8230	0.1770	0.7947	0.5876	0.6427
hr			0.8140	0.1860	0.5439	0.0844	0.7804
ht-sensor			0.8716	0.0856	0.8733	0.8064	0.3053
ht-sensor10%			0.8410	0.1060	0.8428	0.7607	0.3527
htru2			0.9749	0.0251	0.9207	0.8379	0.2324
hypothyroidT			0.9549	0.0451	0.8180	0.5838	0.2494
ilpd			0.6610	0.3390	0.5217	0.0391	0.9015
immuno-therapy			0.6667	0.3333	0.5950	0.1818	0.8134
instagram			0.9407	0.0297	0.9408	0.9209	0.1201
ionosphere			0.8571	0.1429	0.8291	0.6421	0.5116
iris			0.7333	0.1778	0.7801	0.6053	0.1585
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.8511	0.0115	0.8528	0.8451	0.1289
jm1			0.7649	0.2351	0.5911	0.1796	0.8137
jvowels			0.8996	0.0223	0.8960	0.8863	0.1552
kc1			0.8626	0.1374	0.6845	0.3196	0.5977
kc1-class-level-defectiveornot			0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect			0.5000	0.0417	0.0343	0.2097	0.0690
kc1-class-level-top5percentDF			0.8667	0.1333	0.4643	-0.0714	0.6717
kc2			0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007			0.7207	0.0698	0.6566	0.6736	0.2844
kddcup981%			0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%			0.9298	0.0702	0.5404	0.0737	0.6502
kddcup9910%			0.9992	0.0001	0.7652	0.9987	0.0219
kepler			0.8368	0.1088	0.7775	0.7307	0.2571
kidney			0.7176	0.1129	0.2292	0.0102	0.6282
kidney-disease			0.9750	0.0250	0.9743	0.9474	0.1598

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krkopt		0.4481	0.0613	0.4063	0.3802	0.5174
krvskp		0.9718	0.0282	0.9717	0.9434	0.1730
la1s-wc		0.8032	0.0656	0.7658	0.7528	0.3101
la2s-wc		0.8046	0.0651	0.7911	0.7528	0.3256
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.0012	0.0607	0.0028	-0.0008	0.2781
led24		0.3000	0.1400	0.3097	0.2286	0.2976
letter		0.8255	0.0134	0.8265	0.8185	0.1899
leukemia		0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2		0.7143	0.2857	0.7407	0.3636	0.4644
libra		0.8611	0.0185	0.8778	0.8509	0.0640
linkage		0.9999	0.0001	0.9955	0.9911	0.0101
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7353	0.2647	0.6908	0.3806	0.7996
loan		0.8735	0.1265	0.8639	0.7254	0.5024
localization		0.4553	0.0990	0.2317	0.2602	0.5875
localization10%		0.4308	0.1035	0.2061	0.2298	0.5682
lrs		0.8113	0.0539	0.6145	0.7363	0.1680
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.7979	0.1037	0.3918	0.5778	0.2603
machine-failure		0.8723	0.1277	0.8680	0.7331	0.4965
madelon		0.5154	0.4846	0.5159	0.0308	0.9784
magic04		0.7875	0.2125	0.7649	0.5296	0.7080
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7917	0.2083	0.7909	0.5817	0.6807
marketing		0.8527	0.1473	0.6655	0.3198	0.6972
maternal		0.6040	0.2640	0.6229	0.4000	0.5736
math		0.4500	0.2750	0.3878	0.1138	0.6001
mba		0.8129	0.1247	0.3863	0.1387	0.4008
mental-disorders		0.6667	0.1667	0.6355	0.5556	0.1895
mental-health		0.1933	0.3227	0.1963	-0.0094	0.8665
messidor		0.6522	0.3478	0.6479	0.2956	0.8779
meter-A		0.8750	0.1250	0.8730	0.7143	0.3145
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.4444	0.2778	0.4758	0.2140	0.4325
meter-D		0.6111	0.1944	0.5981	0.4425	0.2865
mfeat-fac		0.9600	0.0080	0.9601	0.9556	0.0506
mfeat-fou		0.8000	0.0400	0.8031	0.7778	0.1753
mfeat-kar		0.8400	0.0320	0.8490	0.8222	0.1652
mfeat-mor		0.5800	0.0840	0.5821	0.5333	0.2472
mfeat-pix		0.9450	0.0110	0.9466	0.9389	0.0611
mfeat-zer		0.7450	0.0510	0.7510	0.7167	0.1848
mice-prot		0.9907	0.0023	0.9914	0.9894	0.0120
milk		0.8962	0.0692	0.8908	0.8379	0.1375
mines		0.1471	0.3412	0.1866	-0.0602	0.7420
monks-1		0.7636	0.2364	0.7639	0.5274	0.7272
monks-2		0.9016	0.0984	0.8905	0.7718	0.3804
monks-3		0.7679	0.2321	0.7744	0.5309	0.6688
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
music			0.3972	0.1096	0.4110	0.2795	0.6363
musk			0.9606	0.0394	0.9216	0.8389	0.2459
MUT_ci300400a_cdk_ECFP2			0.8022	0.1978	0.7958	0.5913	0.6661
MUT_ci300400a_cdk_ECFP4			0.7713	0.2287	0.7636	0.5270	0.7215
MUT_ci300400a_cdk_ECFP6			0.7677	0.2323	0.7600	0.5198	0.7273
MUT_ci300400a_cdk_ESTATE			0.7290	0.2710	0.7203	0.4405	0.7872
MUT_ci300400a_cdk_EXTENDED			0.8321	0.1679	0.8271	0.6543	0.6063
MUT_ci300400a_cdk_FCFP2			0.8024	0.1976	0.7953	0.5897	0.6635
MUT_ci300400a_cdk_FCFP4			0.7782	0.2218	0.7710	0.5418	0.7097
MUT_ci300400a_cdk_FCFP6			0.7710	0.2290	0.7644	0.5289	0.7221
MUT_ci300400a_cdk_MACCS			0.8094	0.1906	0.8044	0.6088	0.6528
MUT_ci300400a_cdk_PUBCHEM			0.8335	0.1665	0.8276	0.6537	0.5974
MUT_ci300400a_cdk_STANDARD			0.8263	0.1737	0.8201	0.6388	0.6132
MUT_ci300400a_rdkit_descriptors			0.7757	0.2243	0.7724	0.5443	0.7108
myocardial			0.8706	0.0324	0.2502	0.3397	0.1062
naticusdroid			0.9618	0.0382	0.9618	0.9236	0.2174
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.5000	0.1667	0.4286	0.4000	0.2097
ncRNA			0.8934	0.0112	0.4217	0.7037	0.7357
ncRNA1%			0.8778	0.0129	0.3278	0.6572	0.6226
ncRNA10%			0.8911	0.0115	0.4171	0.6941	0.7012
neo			0.8922	0.1078	0.6288	0.2415	0.6648
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			0.9524	0.0476	0.8981	0.7742	0.1408
newspop			0.6292	0.3708	0.6261	0.2515	0.9015
NHANES_age_prediction			0.9383	0.0617	0.8784	0.7521	0.3811
nomao			0.9533	0.0467	0.9425	0.8850	0.2815
NPHA-doctor-visits			0.4306	0.3796	0.3352	0.0150	0.8056
nursery			0.9452	0.0274	0.8704	0.9191	0.0942
obesity			0.8294	0.0487	0.8331	0.8008	0.2092
obs			0.8148	0.0926	0.8233	0.7087	0.2211
occupancy			0.9869	0.0131	0.9816	0.9632	0.1273
Occupancy_Estimation			0.9901	0.0049	0.9685	0.9701	0.0616
oh0-wc			0.7426	0.0515	0.7305	0.6995	0.2018
oh10-wc			0.5810	0.0838	0.4741	0.5118	0.3141
oh15-wc			0.5870	0.0826	0.5297	0.5157	0.2807
oh5-wc			0.6374	0.0725	0.5843	0.5836	0.2554
ohscal-wc			0.6532	0.0694	0.6372	0.6118	0.4344
olive			0.8772	0.0273	0.8411	0.8458	0.0814
opn310k			0.9033	0.0967	0.6300	0.2313	0.6282
opn310k10%			0.9028	0.0972	0.6386	0.2622	0.6500
opnat310k-hg16-17			0.9020	0.0980	0.6283	0.2313	0.6369
optdigits			0.9502	0.0100	0.9527	0.9446	0.0664
optdigitsZ			0.9982	0.0018	0.9945	0.9889	0.0098
orl			0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr			0.9684	0.0316	0.6987	0.3213	0.3858
ozone8hr			0.9249	0.0751	0.6210	0.1518	0.4763
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8402	0.1598	0.8214	0.6427	0.6074
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8651	0.1349	0.8695	0.7315	0.4955
p53-mutants			0.9943	0.0057	0.6302	0.2473	0.5173
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9598	0.0161	0.6658	0.7537	0.1991
parkinson			0.9167	0.0833	0.9138	0.8275	0.3890
parkinsons			0.6493	0.3507	0.6222	0.2440	0.8907
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.8643	0.1357	0.8321	0.6643	0.5764

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle10%			0.8423	0.1577	0.8002	0.5992	0.6231
pasture			0.2500	0.5000	0.1667	-0.2000	0.5820
pc1			0.9279	0.0721	0.6277	0.1763	0.4947
pcmac			0.5206	0.4794	0.5081	0.0161	0.9856
pcos			0.9900	0.0100	0.9843	0.9686	0.0908
pd			0.9474	0.0526	0.9296	0.8491	0.1655
pediatric-leukemia			0.7353	0.0756	0.6683	0.6648	0.1625
pendigits			0.9691	0.0062	0.9690	0.9656	0.0507
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.4444	0.5556	0.5000	0.0000	0.8722
persistency			0.7289	0.2711	0.7082	0.4160	0.7948
personalities			0.8927	0.0134	0.8957	0.8855	0.1566
pet-adoption			0.8600	0.1400	0.8378	0.6707	0.5420
phishing			0.9347	0.0653	0.9312	0.8620	0.3214
PhiUSIIL			0.9991	0.0009	0.9990	0.9981	0.0104
PhiUSIIL10%			0.9992	0.0008	0.9991	0.9983	0.0077
phone-acc			0.6893	0.0888	0.6732	0.6367	0.3207
phone-acc0.1%			0.6685	0.0947	0.6475	0.6124	0.3525
phone-acc1%			0.6716	0.0938	0.6520	0.6158	0.3414
phone-acc10%			0.6734	0.0933	0.6546	0.6182	0.3380
phone-gyr			0.6581	0.0977	0.6506	0.5999	0.3761
phone-gyr0.1%			0.6518	0.0995	0.6401	0.5923	0.3763
phone-gyr1%			0.6927	0.0878	0.6745	0.6402	0.3395
phone-gyr10%			0.6645	0.0959	0.6547	0.6075	0.3546
phoneme			0.8333	0.1667	0.7839	0.5582	0.6188
phy			0.6934	0.3066	0.6934	0.3867	0.8293
pima			0.6711	0.3289	0.6421	0.2737	0.8519
pirvision			0.9732	0.0179	0.9516	0.9118	0.0965
placement			0.7270	0.2730	0.7163	0.4301	0.7863
plant-growth			0.6842	0.3158	0.6833	0.3667	0.8414
plrx			0.6667	0.3333	0.5846	0.1692	0.8806
poker			0.4679	0.1064	0.2011	0.0140	0.6091
poker1%			0.4468	0.1580	0.2418	-0.0322	0.4000
poker10%			0.4683	0.1329	0.1268	0.0193	0.4804
polish-1st			0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd			0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd			0.9495	0.0505	0.5401	0.0279	0.4040
polish-4th			0.9459	0.0541	0.5970	0.0902	0.3993
polish-5th			0.9306	0.0694	0.6348	0.2013	0.5112
polya			0.7070	0.2930	0.6781	0.3561	0.8277
popularity			0.6346	0.2436	0.4367	0.1891	0.6621
post-operative			0.6638	0.2294	0.2739	0.0149	0.2361
postures			0.9083	0.0367	0.9079	0.8853	0.1739
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6033	0.2059	0.9238
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.0804	0.0922	0.0497	0.0354	0.3129
processed			0.9809	0.0191	0.9781	0.9561	0.1379
profb			0.6567	0.3433	0.5795	0.1528	0.8942
promoters			0.6000	0.4000	0.7059	0.2857	0.5283
prostate			0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9675	0.0130	0.9535	0.9564	0.0809
puc-rio10%			0.9553	0.0179	0.9407	0.9399	0.0939
pufs-128			0.5003	0.4997	0.5003	0.0006	0.9997
pufs-1281%			0.5043	0.4957	0.5043	0.0087	0.9973
pufs-12810%			0.5017	0.4983	0.5017	0.0035	0.9990
pufs-64			0.4995	0.5005	0.4995	-0.0009	1.0000
pufs-641%			0.5012	0.4988	0.5013	0.0025	0.9993

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-6410%			0.5008	0.4992	0.5008	0.0016	0.9995
pulsar			0.9777	0.0223	0.9303	0.8534	0.1376
raisin			0.8444	0.1556	0.8448	0.6889	0.5706
re0-wc			0.7267	0.0421	0.7108	0.6334	0.2920
re1-wc			0.6747	0.0260	0.5240	0.6212	0.2662
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9859	0.0141	0.9860	0.9717	0.0916
rice			0.9830	0.0170	0.9828	0.9655	0.1139
rnaseq			0.9625	0.0150	0.9666	0.9507	0.0682
rocket			0.6009	0.3991	0.5796	0.1583	0.9335
RT_IOT2022			0.9946	0.0009	0.9474	0.9865	0.0104
satimage			0.8865	0.0378	0.8689	0.8593	0.1754
satimageF			0.9907	0.0093	0.9760	0.9519	0.1413
satimageT			0.9285	0.0715	0.7747	0.5292	0.4897
scadi			0.5714	0.1224	0.3415	0.4167	0.1905
schiller			0.6667	0.3333	0.4000	-0.1739	0.9159
schizo			0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9038	0.0962	0.4747	-0.0446	0.6930
secondary_mushroom			0.9995	0.0005	0.9995	0.9990	0.0049
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9048	0.0272	0.9116	0.8886	0.1210
segmentation			0.8168	0.1832	0.7977	0.5945	0.6489
segmentO			0.9654	0.0346	0.9284	0.8512	0.1982
seismic			0.9341	0.0659	0.6268	0.1696	0.4759
semeion			0.9686	0.0314	0.9081	0.7983	0.1007
sens-1-gram			0.8316	0.1684	0.4753	-0.0358	0.7558
sens-10-gram			0.8294	0.1706	0.5745	0.1436	0.7601
sens-2-gram			0.7974	0.2026	0.6019	0.2014	0.7435
sens-3-gram			0.8105	0.1895	0.5783	0.1566	0.7631
sens-4-gram			0.7921	0.2079	0.5779	0.1548	0.7550
sens-5-gram			0.7553	0.2447	0.5180	0.0355	0.7606
sens-6-gram			0.8105	0.1895	0.5855	0.1709	0.7595
sens-7-gram			0.8342	0.1658	0.5792	0.1523	0.7542
sens-8-gram			0.8132	0.1868	0.5326	0.0632	0.7808
sens-9-gram			0.8474	0.1526	0.5806	0.1431	0.7244
sensorless			0.9162	0.0152	0.9167	0.9079	0.1163
sepsis			0.9090	0.0910	0.5184	0.0008	0.2421
shoppers			0.8775	0.1225	0.7262	0.4189	0.5748
shuttle			0.9940	0.0017	0.7053	0.9829	0.1361
sick			0.9523	0.0477	0.7681	0.4513	0.2772
sirtuin6			0.7000	0.3000	0.7041	0.4000	0.7994
skin			0.9936	0.0064	0.9904	0.9807	0.0875
skin10%			0.9926	0.0074	0.9890	0.9779	0.0969
smarket			0.8000	0.2000	0.8005	0.5990	0.6584
smart-farming			0.1800	0.4100	0.1629	-0.0939	0.8474
smk_can_187			0.6316	0.3684	0.6315	0.2486	0.8662
smoking			0.7073	0.2927	0.6817	0.3631	0.8257
soil_pollution			0.2233	0.3107	0.2206	0.0284	0.8589
solar-flare			0.7266	0.0911	0.6641	0.6495	0.2419
sonar			0.7000	0.3000	0.7521	0.4000	0.4882
soybean			0.9265	0.0077	0.9735	0.9194	0.0435
spam-detection			0.9465	0.0535	0.8201	0.6216	0.3988
spambase			0.8696	0.1304	0.8634	0.7267	0.5234
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
splice-EI			0.8991	0.1009	0.8616	0.7002	0.3610
splice-IE			0.8707	0.1293	0.8081	0.5868	0.4792

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sport-articles			0.7800	0.2200	0.7669	0.5333	0.7134
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.4000	0.4000	0.2222	-0.0714	0.4316
startup			0.9140	0.0860	0.9061	0.8121	0.4087
steel_industry			0.7865	0.1423	0.7299	0.6508	0.4049
steel-b			0.8513	0.1487	0.7542	0.4932	0.6178
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.7795	0.2205	0.7510	0.4991	0.7184
steel-p			0.9385	0.0615	0.7527	0.4290	0.3541
steel-s			0.9641	0.0359	0.7153	0.2151	0.1059
steel-z			0.9641	0.0359	0.8921	0.7804	0.3226
stellar			0.8938	0.0708	0.8800	0.8068	0.2845
stock			0.8403	0.1597	0.7026	0.3969	0.6910
stockb			0.9427	0.0382	0.9438	0.9141	0.1227
streaming			0.8220	0.1780	0.8195	0.6378	0.6193
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5200	0.1920	0.2917	0.2057	0.4827
student-depression			0.8233	0.1767	0.8166	0.6320	0.6209
student-habits			0.2300	0.3080	0.2185	-0.1499	0.7330
student-weekend			0.3077	0.2769	0.2121	0.0441	0.7178
student-workday			0.6562	0.1375	0.2199	0.1420	0.4591
studentap			0.4615	0.3590	0.5195	0.1415	0.5464
susy			0.7364	0.2636	0.7358	0.4711	0.7700
susy1%			0.7212	0.2788	0.7217	0.4421	0.7890
susy10%			0.7494	0.2506	0.7485	0.4967	0.7511
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8707	0.1293	0.8289	0.6551	0.5534
texture			0.9418	0.0106	0.9451	0.9359	0.0728
theorem			0.9951	0.0049	0.9950	0.9899	0.0446
thoracic			0.7234	0.2766	0.4198	-0.1594	0.8201
thrombin			0.9372	0.0628	0.7595	0.3792	0.4422
Thyroid_Diff			0.8421	0.1579	0.7983	0.5698	0.5365
tic-tac-toe			0.8737	0.1263	0.8629	0.6885	0.3064
tis			0.8325	0.1675	0.7738	0.5475	0.6658
tis10%			0.7985	0.2015	0.6945	0.3592	0.6893
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6133	0.1273	0.4302	0.5018	0.0859
tox_171			0.6471	0.1765	0.6855	0.5256	0.3400
toxicity			0.6471	0.3529	0.5597	0.0893	0.8324
toxicity-13f			0.4706	0.5294	0.3965	-0.2047	1.0000
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5034	0.0040	0.7788
trec11-wc			0.6585	0.0759	0.6054	0.5554	0.2468
trec12-wc			0.7097	0.0726	0.7988	0.6310	0.1739
trec21-wc			0.8182	0.0606	0.3885	0.5123	0.1487
trec23-wc			0.7143	0.0952	0.6368	0.5882	0.2715
trec31-wc			0.8602	0.0466	0.8436	0.8114	0.1862
trec41-wc			0.7955	0.0409	0.6079	0.7418	0.1768
trec45-wc			0.6232	0.0754	0.6141	0.5434	0.2864
tuandromd			0.9821	0.0179	0.9719	0.9434	0.1312
turkish			0.7250	0.1375	0.7492	0.6333	0.3006
tvnews			0.8696	0.1304	0.8588	0.7176	0.5291
tvnews1%			0.8692	0.1308	0.8591	0.7180	0.5295
tvnews10%			0.8342	0.1658	0.8211	0.6421	0.6121

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ur3_cobotops_grip			0.9633	0.0367	0.4906	-0.0073	0.4505
ur3_cobotops_stop			0.9687	0.0313	0.7146	0.2936	0.2452
urban			0.7612	0.0531	0.7467	0.7208	0.2235
urinalysis			0.9301	0.0699	0.5746	0.1344	0.6352
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9870	0.0130	0.6056	0.1941	0.5323
vehicle			0.6548	0.1726	0.6428	0.5370	0.4920
vehicleVAN			0.9167	0.0833	0.8853	0.7586	0.3445
voice			0.7500	0.2500	0.7391	0.4706	0.7427
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.5152	0.0882	0.5414	0.4667	0.2960
vowelZ			0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17			0.8897	0.1103	0.6307	0.2578	0.6847
wap-wc			0.6410	0.0359	0.4061	0.5959	0.2211
warpar10p			0.6154	0.0769	0.5958	0.5695	0.1301
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.7565	0.0696	0.7525	0.7152	0.2742
watch-acc1%			0.7357	0.0755	0.7326	0.6907	0.3061
watch-acc10%			0.7451	0.0728	0.7412	0.7019	0.2929
watch-gyr			0.6952	0.0871	0.6897	0.6438	0.3325
watch-gyr1%			0.6560	0.0983	0.6493	0.5981	0.4084
watch-gyr10%			0.6825	0.0907	0.6792	0.6291	0.3579
water_pollution			0.2200	0.3900	0.2197	-0.0407	0.8763
waveform			0.7420	0.1720	0.7441	0.6130	0.5030
weather-related			0.9808	0.0035	0.9820	0.9782	0.0236
web-phishing			0.8000	0.1333	0.6864	0.6279	0.4174
Weekly			0.8889	0.1111	0.8875	0.7750	0.4661
weight-lift			0.9490	0.0204	0.9470	0.9356	0.1153
white-clover			0.5046	0.2485	0.3350	0.1845	0.2004
wifi-loc			0.9800	0.0100	0.9803	0.9733	0.0417
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red			0.5912	0.1363	0.2918	0.3385	0.4583
winequality-white			0.4765	0.1496	0.2219	0.2035	0.6328
winnipeg			0.9918	0.0024	0.9824	0.9896	0.0308
winnipeg10%			0.9893	0.0031	0.9894	0.9864	0.0229
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.5625	0.0583	0.5179	0.5333	0.1066
yeast			0.4595	0.1081	0.3719	0.2979	0.3979
yeastCYT-POX			0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.8935	0.0213	0.8811	0.8806	0.1540

Table 15: Detailed results for C4.5(C1)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1439	0.0590	0.0815	0.0668	0.5999
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7941	0.5718	0.5732
accelerometer		0.9794	0.0206	0.6731	0.3426	0.5530
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.8657	0.1343	0.8048	0.6047	0.5788
advanced-iot		0.9990	0.0003	0.9990	0.9988	0.0028
AID_1431		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_KlekotaRothFingerprinter		0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1431_MACCSFingerprinter		0.8413	0.1587	0.5020	0.0040	0.7137
AID_1878		0.7429	0.2571	0.4644	-0.0638	0.8550
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8283	0.1145	0.3020	-0.0625	0.6412
AID1284Morered		0.8333	0.1667	0.6516	0.3032	0.7325
AID1284red		0.7500	0.2500	0.5180	0.0357	0.7748
AID1608Morered		0.8641	0.1359	0.4635	-0.0729	0.6742
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9836	0.0164	0.4959	-0.0040	0.4515
AID373AID439red		0.9967	0.0033	0.4992	-0.0003	0.0714
AID373red		0.9990	0.0010	0.6560	0.2496	0.3797
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.7143	0.2857	0.4167	-0.1667	0.7987
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9855	0.0145	0.6390	0.1919	0.3644
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red		0.6500	0.3500	0.6428	0.2708	0.8198
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9967	0.0033	0.6020	0.1527	0.4284
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9930	0.0070	0.4982	-0.0017	0.1961
AID746red		0.9826	0.0174	0.5164	0.0292	0.4297
aids		0.8685	0.1315	0.8157	0.6293	0.5755
air_pollution		0.2400	0.2171	0.1790	0.0130	0.8547
air-booking		0.8114	0.1886	0.5569	0.1066	0.7798
airline		0.9456	0.0544	0.9450	0.8884	0.2644
alcohol		0.8286	0.0686	0.5696	0.6463	0.3068
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.9163	0.0837	0.9080	0.8157	0.3972
anneal		0.9663	0.0135	0.9206	0.9318	0.2177
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9638	0.0181	0.9348	0.9305	0.1179
anuran-genus		0.9416	0.0146	0.8702	0.9029	0.1669
anuran-species		0.8931	0.0214	0.8325	0.8530	0.1689
anxiety		0.0917	0.2019	0.0896	-0.0242	0.8307
apple-quality		0.8100	0.1900	0.8101	0.6200	0.6448
aps-failure		0.9893	0.0107	0.8457	0.6912	0.4199
arabidopsis		0.9833	0.0167	0.5287	0.0568	0.5221
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9812	0.0188	0.5403	0.0767	0.4904
arabidopsis10%		0.9847	0.0153	0.5092	0.0184	0.5411

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia		0.6444	0.0547	0.4266	0.4756	0.2770
auction		0.9853	0.0147	0.9665	0.9328	0.1531
audiology		0.6957	0.0254	0.2765	0.6500	0.0580
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7500	0.0833	0.6440	0.6667	0.2249
avila		0.9952	0.0008	0.9664	0.9938	0.0628
babies		0.3387	0.1889	0.1444	0.0181	0.6206
balance		0.7903	0.1398	0.5663	0.6275	0.4651
bank		0.8893	0.1107	0.7163	0.4324	0.6550
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8180	0.1820	0.8021	0.6042	0.6476
basehock		0.9095	0.0905	0.9096	0.8191	0.4031
bio		0.9960	0.0040	0.8849	0.7696	0.3475
bio10%		0.9945	0.0055	0.8448	0.6895	0.4286
biodeg		0.8571	0.1429	0.8538	0.7042	0.5490
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.8778	0.0084	0.0728	0.0445	0.4580
bitcoin1%		0.8851	0.0079	0.0568	0.0284	0.3086
bitcoin10%		0.8534	0.0101	0.0723	0.0267	0.3069
body-perf		0.6813	0.1593	0.6846	0.5751	0.4744
bookings		0.9814	0.0124	0.7829	0.9606	0.1258
brain-tumor		0.5085	0.4915	0.5084	0.0168	0.9943
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.9091	0.0909	0.9167	0.8197	0.3145
breast-cancer-ma		0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue		0.7273	0.0909	0.6501	0.6667	0.1484
bridges		0.7000	0.0857	0.5429	0.5714	0.1855
bub10at310k-hg16-17		0.9028	0.0972	0.6414	0.2634	0.6409
bub12at310k-hg16-17		0.8807	0.1272	0.6253	0.2459	0.6928
bub8at310k-hg16-17		0.8656	0.1301	0.6378	0.2896	0.6769
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4100	0.3933	0.3114	-0.0406	0.8145
car		0.9770	0.0115	0.9368	0.9502	0.0997
car-insurance		0.8000	0.2000	0.7722	0.5437	0.6944
card		0.8261	0.1739	0.8204	0.6397	0.6143
cardiotocography		0.8357	0.0329	0.7961	0.8039	0.1944
cardiotocography-nsp		0.8967	0.0689	0.8307	0.7182	0.3043
cardiovascular		0.7315	0.2685	0.7319	0.4629	0.7757
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.9000	0.0667	0.8679	0.8214	0.2460
cas_N6512_cdk_ECFP2		0.7465	0.2535	0.7442	0.4876	0.7550
cas_N6512_rdkit_ATOMPAIR		0.7492	0.2508	0.7471	0.4937	0.7515
cas_N6512_RDkit_AtomPair_FP		0.6825	0.3175	0.6794	0.3581	0.8433
cas_N6512_rdkit_AVALON		0.7435	0.2565	0.7435	0.4861	0.7582
cas_N6512_RDkit_Avalon_FP		0.7101	0.2899	0.7093	0.4183	0.8076
cas_N6512_rdkit_descriptors		0.7815	0.2185	0.7845	0.5646	0.6856
cas_N6512_rdkit_FEATMORGAN		0.7527	0.2473	0.7518	0.5034	0.7462
cas_N6512_RDkit_Featmorgan_FP		0.7423	0.2577	0.7404	0.4806	0.7629
cas_N6512_RDkit_FP		0.7178	0.2822	0.7173	0.4341	0.7966
cas_N6512_rdkit_LAYERED		0.7585	0.2415	0.7590	0.5167	0.7335
cas_N6512_RDkit_Layered_FP		0.6979	0.3021	0.6972	0.3940	0.8233

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7942	0.2058	0.7924	0.5840	0.6740
cas_N6512_RDkit_MACCS_FP		0.7776	0.2224	0.7776	0.5544	0.7035
cas_N6512_rdkit_MORGAN		0.7785	0.2215	0.7766	0.5517	0.7004
cas_N6512_RDkit_morgan_FP		0.7193	0.2807	0.7167	0.4322	0.7945
cas_N6512_rdkit_PATTERN		0.7554	0.2446	0.7551	0.5096	0.7407
cas_N6512_RDkit_pattern_FP		0.7270	0.2730	0.7258	0.4515	0.7850
cas_N6512_rdkit_RDKITFP		0.7266	0.2734	0.7256	0.4511	0.7853
cas_N6512_rdkit_TORSION		0.7554	0.2446	0.7546	0.5089	0.7419
ccds		0.9281	0.0719	0.5734	0.1456	0.6149
ccds1%		0.9038	0.0962	0.5303	0.0560	0.5511
ccds10%		0.9185	0.0815	0.5560	0.1080	0.5857
cdc_diabetes		0.8001	0.1333	0.4044	0.1886	0.6531
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7498	0.2522	0.7333	0.4726	0.7503
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9518	0.0482	0.7009	0.4011	0.5910
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9217	0.0783	0.5839	0.1678	0.6421
CDS49_AID687_Rdkit-ecfp4-fp		0.9940	0.0060	0.4985	-0.0029	0.4539
census		0.9267	0.0733	0.6649	0.3270	0.6315
census10%		0.9469	0.0531	0.7284	0.4448	0.5426
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S		0.9651	0.0349	0.8916	0.7810	0.3406
children-anemia		0.9148	0.0426	0.9238	0.8723	0.1583
chrom19		0.9992	0.0008	0.8297	0.6474	0.5077
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9995	0.0005	0.8715	0.7426	0.3595
chrom21		0.9981	0.0019	0.5109	0.0078	0.1401
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9997	0.0003	0.4999	-0.0001	0.5015
chronic-kidney		0.8855	0.1145	0.5892	0.1782	0.6915
churn		0.8420	0.1580	0.7448	0.4873	0.6724
churn-bigml		0.9513	0.0487	0.8997	0.7984	0.3623
ci900367j_MACCS		0.6000	0.4000	0.5892	0.1769	0.9161
circles		0.7130	0.0057	0.8154	0.7101	0.1251
cirrhosis		0.5714	0.2857	0.5167	0.2574	0.6962
cjs		0.9929	0.0024	0.9923	0.9913	0.0182
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7472	0.1264	0.5950	0.6137	0.5136
climate		0.9074	0.0926	0.6992	0.3946	0.6420
cll_sub_111		0.5833	0.2778	0.6667	0.3333	0.4065
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5102	0.3265	0.4908	0.2416	0.7334
cnae-9		0.9074	0.0206	0.9076	0.8958	0.1005
codon_usage		0.8304	0.0308	0.6653	0.7942	0.3176
coil20		0.9306	0.0069	0.9352	0.9269	0.0431
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.9400	0.0080	0.8381	0.9339	0.0272
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7241	0.2759	0.6947	0.3895	0.8063
colposcopies-2		0.6552	0.3448	0.6643	0.3160	0.8298
colposcopies-3		0.5172	0.4828	0.5025	0.0049	0.9879
colposcopies-4		0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5		0.6897	0.3103	0.4082	-0.1810	0.8560
colposcopies-6		0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c		0.7241	0.2759	0.6234	0.2468	0.8309
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5183	0.4867	0.5997	0.0002	0.5237
comedy_comparisons1%		0.5171	0.4829	0.5046	0.0011	0.6200
comedy_comparisons10%		0.5158	0.4754	0.5292	0.0019	0.5597
connect-4		0.9853	0.0098	0.7534	0.6565	0.3599
cottonmeloidogyne		0.6947	0.3053	0.6948	0.3891	0.8266
coupon		0.7035	0.2965	0.6965	0.3929	0.8204
covid19		0.4836	0.1475	0.2005	0.1645	0.8839
covtype		0.9390	0.0174	0.9044	0.9021	0.1655
covtype10%		0.8095	0.0544	0.7187	0.6925	0.3245
covtypeCD		0.9841	0.0159	0.9668	0.9334	0.2004
covtypeT		0.9834	0.0166	0.9361	0.8721	0.2770
crabs		0.8000	0.1000	0.8272	0.7333	0.2395
creditcard_trans		0.9905	0.0095	0.6882	0.2173	0.3152
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9041	0.0320	0.7834	0.8028	0.3445
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.1250	0.0437	0.0638	0.0995	0.1893
customer-churn		0.9826	0.0174	0.7369	0.4448	0.4252
cybersecurity		0.1833	0.2722	0.1884	0.0188	0.8571
cyclopentane		0.5185	0.4815	0.5084	0.0168	0.9905
cylinder-bands		0.7407	0.2593	0.7349	0.4698	0.7686
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1016	0.1797	0.1013	0.0018	0.9125
day1%		0.9486	0.0437	0.9588	0.8913	0.2305
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8120	0.1880	0.6963	0.3781	0.7080
defect		0.9506	0.0494	0.9043	0.8046	0.3111
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8812	0.1188	0.7038	0.4072	0.6690
depressed		0.6713	0.3287	0.4394	-0.1207	0.8241
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.4346	0.0857	0.6179
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
df_final		0.4375	0.3750	0.4634	0.1325	0.6412
DIA		0.8333	0.1667	0.7616	0.5122	0.6385
diabetes		1.0000	0.0000	1.0000	1.0000	0.0000
diabetes-100k		0.9660	0.0340	0.8862	0.7709	0.3631
diabetes-risk		0.9181	0.0819	0.8701	0.7365	0.4296
diabetic		0.5077	0.3282	0.3941	0.1082	0.7621
diabetic1%		0.4902	0.3399	0.4126	0.0732	0.7091
diabetic10%		0.4990	0.3340	0.3807	0.1054	0.7832
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7030	0.1188	0.6970	0.5779	0.4296
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.5833	0.4167	0.5598	0.1176	0.9466
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9922	0.0078	0.4980	-0.0036	0.4246
dna1%		0.9874	0.0126	0.5174	0.0236	0.3002
dna10%		1.0000	0.0077	0.5255	0.0502	0.4408
dorothea		0.9391	0.0609	0.8171	0.6333	0.5103
dota2		0.5299	0.4701	0.5293	0.0585	0.9812
dota210%		0.5058	0.4942	0.5061	0.0122	0.9945
drebin		0.9667	0.0333	0.9654	0.9296	0.2078
dropout		0.7156	0.1896	0.6516	0.5385	0.5460

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.3404	0.1885	0.2270	0.0713	0.7114
drug-02		0.4362	0.1611	0.2611	0.1424	0.7967
drug-03		0.6223	0.1079	0.1873	0.1746	0.5092
drug-04		0.3670	0.1809	0.1859	0.0782	0.8380
drug-05		0.6755	0.0927	0.1455	0.0219	0.4928
drug-06		0.3404	0.1885	0.2754	0.2021	0.7037
drug-07		0.3670	0.1809	0.1459	0.0049	0.6205
drug-08		0.4947	0.1444	0.2165	0.1613	0.7250
drug-09		0.8511	0.0426	0.1314	-0.0158	0.3217
drug-10		0.4521	0.1565	0.1393	0.0640	0.7646
drug-11		0.7926	0.0593	0.1485	-0.0116	0.6511
drug-12		0.7447	0.0729	0.1986	0.0300	0.4673
drug-13		0.5213	0.1368	0.1438	0.1392	0.6907
drug-14		0.4947	0.1444	0.1839	0.1305	0.7356
drug-15		0.6968	0.0866	0.1252	0.1605	0.6663
drug-16		0.5213	0.1368	0.2157	0.2313	0.5233
drug-17		0.2660	0.2097	0.2229	0.0892	0.8173
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.6915	0.0881	0.1722	0.0921	0.5918
drybean		0.9214	0.0225	0.9326	0.9048	0.1313
ecoli		0.7941	0.0515	0.4838	0.7136	0.1517
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.1900	0.4050	0.1854	-0.0823	0.8893
eeg		0.3907	0.0762	0.4089	0.3307	0.6993
eeg-eye		0.8371	0.1629	0.8352	0.6702	0.5911
eeg10%		0.2623	0.0922	0.2507	0.1951	0.6987
email_phishing		0.9876	0.0124	0.6966	0.3541	0.4314
eucalyptus		0.6164	0.1534	0.6015	0.5100	0.3958
euthyroid		0.9778	0.0222	0.9366	0.8730	0.2639
exon.vs.intron-freq		0.9241	0.0759	0.9239	0.8476	0.3572
exon.vs.intron-freq10%		0.9297	0.0703	0.9297	0.8587	0.3330
fakenews		0.5100	0.4900	0.5104	0.0207	0.9929
farm-ads		0.8768	0.1232	0.8762	0.7521	0.4949
fbis-wc		0.6707	0.0387	0.6135	0.6279	0.3013
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.5098	0.4902	0.3377	-0.0778	0.8122
financial-risk		0.8815	0.0395	0.8226	0.8165	0.2307
fishcatch		0.8125	0.0625	0.6996	0.7588	0.1427
flags		0.6000	0.1000	0.4573	0.5152	0.1852
fonts		0.6053	0.0052	0.5943	0.5926	0.3265
fonts10%		0.4658	0.0070	0.2649	0.4468	0.4387
forest		0.8654	0.0673	0.8600	0.8133	0.1624
gas		0.9813	0.0062	0.9798	0.9773	0.0466
gastrointestinal		0.5625	0.2917	0.5841	0.3373	0.5568
gender		0.5516	0.2989	0.4278	0.1380	0.7406
gene		0.8959	0.0694	0.8861	0.8330	0.2875
german		0.6300	0.3700	0.5473	0.0842	0.9030
gestures		0.8099	0.0950	0.8096	0.7466	0.3496
gina		0.8963	0.1037	0.8963	0.7925	0.4428
gisette		0.9514	0.0486	0.9514	0.9029	0.2605
glass		0.7619	0.0794	0.7122	0.6779	0.2370
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.7143	0.2857	0.7151	0.4220	0.7810
glassBWNFP		0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers		0.9091	0.0909	0.7250	0.4500	0.6330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.6842	0.3158	0.6833	0.3667	0.8414
gli_85		0.7500	0.2500	0.6667	0.3333	0.7987
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8690	0.1310	0.8649	0.7295	0.5195
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4000	0.3000	0.4312	0.2105	0.4485
gsalc		0.7778	0.0741	0.8333	0.7353	0.1060
haberman		0.7667	0.2333	0.6568	0.2553	0.6855
hapt		0.9241	0.0127	0.8038	0.9103	0.1003
har		0.9067	0.0373	0.9118	0.8810	0.1530
har70		0.8875	0.0321	0.5781	0.8361	0.3762
har701%		0.8615	0.0396	0.5340	0.7986	0.3784
har7010%		0.8302	0.0485	0.5004	0.7532	0.4209
harth		0.7724	0.0379	0.5381	0.7003	0.4327
harth1%		0.7233	0.0461	0.4777	0.6384	0.4548
harth10%		0.7981	0.0336	0.5342	0.7308	0.3791
hayes-roth		0.8125	0.1250	0.8386	0.7019	0.2449
hcc-survival		0.8235	0.1765	0.8163	0.6277	0.6077
health-activity		0.7100	0.1450	0.2647	0.0510	0.3771
heart		0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack		0.7742	0.2258	0.7741	0.5470	0.7087
heart-c		0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure		0.9560	0.0440	0.9487	0.8953	0.2189
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.8077	0.5455	0.5283
hepmass		0.8462	0.1538	0.8463	0.6924	0.5687
hepmass1%		0.8140	0.1860	0.8141	0.6279	0.6360
hepmass10%		0.8418	0.1582	0.8420	0.6835	0.5768
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.6579	0.3421	0.6580	0.3155	0.8697
higgs0.1%		0.6300	0.3700	0.6290	0.2579	0.9007
higgs1%		0.6432	0.3568	0.6429	0.2856	0.8861
higgs10%		0.6346	0.3654	0.6344	0.2685	0.8950
higher		0.2857	0.1786	0.2000	0.1515	0.3284
hinselmann		0.7000	0.3000	0.6098	0.2105	0.7892
hitters		0.8750	0.1250	0.8784	0.7510	0.4764
hiv1-proteasa		0.8887	0.1113	0.7890	0.5726	0.5718
hiva		0.9409	0.0591	0.5537	0.1074	0.6218
horse		0.6667	0.2222	0.6565	0.4552	0.5729
hotel-reservartions		0.8975	0.1025	0.8823	0.7641	0.4588
hr		0.7544	0.2456	0.5118	0.0235	0.7761
ht-sensor		0.9969	0.0021	0.9969	0.9953	0.0144
ht-sensor10%		0.9861	0.0093	0.9864	0.9791	0.0485
htru2		0.9749	0.0251	0.9213	0.8407	0.2576
hypothyroid		0.9867	0.0066	0.7218	0.9220	0.1050
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.6949	0.3051	0.6151	0.2293	0.8610
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.9693	0.0153	0.9697	0.9591	0.0764
ionosphere		0.9714	0.0286	0.9671	0.9320	0.1146
iris		0.8667	0.0889	0.8594	0.7959	0.2059
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.7895	0.0162	0.8028	0.7811	0.1795

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8099	0.1901	0.6361	0.2431	0.7205
jvowels		0.8886	0.0248	0.8839	0.8737	0.1681
kc1		0.8389	0.1611	0.6312	0.2391	0.7071
kc1-class-level-defectiveornot		0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect		0.4286	0.0476	0.0701	0.2057	0.0269
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6541	0.3082	0.7873
kdc-4007		0.5935	0.1016	0.5229	0.5255	0.4909
kddcup98		0.9478	0.0507	0.5272	0.0026	0.2161
kddcup981%		0.9263	0.0737	0.4809	-0.0310	0.6583
kddcup9810%		0.9393	0.0607	0.5122	0.0148	0.5675
kddcup99		0.9837	0.0014	0.5490	0.9723	0.0801
kddcup991%		0.8953	0.0091	0.3326	0.8306	0.1275
kddcup9910%		0.9884	0.0010	0.5649	0.9804	0.0593
kepler		0.8389	0.1074	0.7954	0.7386	0.3167
kidney		0.6904	0.1239	0.2064	0.0230	0.7956
kidney-disease		0.9750	0.0250	0.9743	0.9474	0.1598
krkopt		0.8021	0.0220	0.8271	0.7789	0.2384
krvskp		0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc		0.7778	0.0741	0.7244	0.7220	0.3646
la2s-wc		0.7649	0.0784	0.7416	0.7028	0.3643
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6765	0.0162	0.4018	0.6615	0.0589
led24		0.6500	0.0700	0.6271	0.6089	0.1618
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8790	0.0093	0.8794	0.8741	0.1396
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.7778	0.0296	0.8051	0.7612	0.0791
linkage		0.9957	0.0043	0.8423	0.6274	0.5309
linkage1%		0.9995	0.0005	0.9651	0.9300	0.2071
linkage10%		0.9997	0.0003	0.9798	0.9587	0.1892
liver		0.5588	0.4412	0.5742	0.1356	0.8674
loan		0.9813	0.0187	0.9801	0.9598	0.1078
localization		0.7082	0.0530	0.5117	0.6336	0.5173
localization10%		0.5455	0.0826	0.3790	0.4272	0.6245
lrs		0.6792	0.0642	0.3774	0.5609	0.2992
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.6250	0.1071	0.4615	0.5472	0.0896
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.8857	0.7938	0.1791
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.5480	0.5172	0.3725
lymphoma2		0.6667	0.0741	0.3030	0.5500	0.0853
machine-failure		0.9255	0.0745	0.9231	0.8460	0.3552
madelon		0.7808	0.2192	0.7808	0.5615	0.6992
magic04		0.8527	0.1473	0.8352	0.6659	0.5549
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7396	0.2604	0.7401	0.4792	0.7635
marketing		0.8527	0.1473	0.6883	0.3744	0.7008
maternal		0.7129	0.1914	0.7214	0.5674	0.5164
math		0.8250	0.0875	0.7885	0.7390	0.2895
mba		0.8242	0.1172	0.4360	0.2880	0.5848
mental-disorders		0.7500	0.1250	0.7819	0.6667	0.2266
mental-health		0.2033	0.3187	0.2083	0.0043	0.8536

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
messidor		0.6348	0.3652	0.6539	0.2897	0.8366
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac		0.8900	0.0220	0.8964	0.8778	0.0998
mfeat-fou		0.7150	0.0570	0.7069	0.6833	0.2540
mfeat-kar		0.8250	0.0350	0.8330	0.8056	0.1824
mfeat-mor		0.6950	0.0610	0.6910	0.6611	0.2317
mfeat-pix		0.9000	0.0200	0.9043	0.8889	0.1058
mfeat-zer		0.6950	0.0610	0.6998	0.6611	0.2736
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9528	0.0314	0.9508	0.9283	0.1171
mines		0.5588	0.1765	0.5674	0.4498	0.3978
mobile		0.6364	0.0130	0.6586	0.6297	0.1549
monks-1		0.9818	0.0182	0.9821	0.9636	0.1051
monks-2		0.9836	0.0164	0.9824	0.9641	0.1262
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.3450	0.1191	0.4077	0.2398	0.6236
musk		0.9742	0.0258	0.9495	0.8951	0.1269
MUT_ci300400a_cdk_ECFP2		0.7902	0.2098	0.7845	0.5690	0.6887
MUT_ci300400a_cdk_ECFP4		0.7892	0.2108	0.7838	0.5675	0.6903
MUT_ci300400a_cdk_ECFP6		0.7629	0.2371	0.7543	0.5075	0.7337
MUT_ci300400a_cdk_ESTATE		0.7566	0.2434	0.7479	0.4952	0.7448
MUT_ci300400a_cdk_EXTENDED		0.8070	0.1930	0.8027	0.6051	0.6566
MUT_ci300400a_cdk_FCFP2		0.8168	0.1832	0.8120	0.6239	0.6383
MUT_ci300400a_cdk_FCFP4		0.7698	0.2302	0.7641	0.5281	0.7234
MUT_ci300400a_cdk_FCFP6		0.7854	0.2146	0.7804	0.5606	0.6964
MUT_ci300400a_cdk_MACCS		0.8369	0.1631	0.8322	0.6644	0.5962
MUT_ci300400a_cdk_PUBCHEM		0.8383	0.1617	0.8332	0.6662	0.5923
MUT_ci300400a_cdk_STANDARD		0.8216	0.1784	0.8159	0.6316	0.6280
MUT_ci300400a_rdkit_descriptors		0.8271	0.1729	0.8232	0.6464	0.6160
myocardial		0.8647	0.0338	0.3401	0.3988	0.3150
naticusdroid		0.9703	0.0297	0.9703	0.9407	0.1802
NCI60		0.3333	0.2222	0.3333	0.2000	0.2322
nci9		0.3333	0.1481	0.1905	0.2258	0.1274
ncRNA		0.8949	0.0109	0.4790	0.7010	0.1769
ncRNA1%		0.8289	0.0180	0.3701	0.5286	0.8388
ncRNA10%		0.8336	0.0175	0.5108	0.6024	0.8362
neo		0.9155	0.0845	0.6947	0.2871	0.4209
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.7384	0.0119	0.7448	0.7304	0.2169
newspop		0.5817	0.4183	0.5821	0.1639	0.9414
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9550	0.0450	0.9446	0.8892	0.2722
NPHA-doctor-visits		0.3472	0.4352	0.2875	-0.1546	0.7528
nursery		0.9992	0.0003	0.7995	0.9989	0.0026
obesity		0.9194	0.0230	0.9186	0.9059	0.1141
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9917	0.0083	0.9884	0.9768	0.0885
Occupancy_Estimation		0.9931	0.0035	0.9765	0.9790	0.0308
oh0-wc		0.8515	0.0297	0.8537	0.8298	0.1382
oh10-wc		0.7143	0.0571	0.7067	0.6740	0.2400
oh15-wc		0.7826	0.0435	0.7889	0.7532	0.2113
oh5-wc		0.7033	0.0593	0.7351	0.6673	0.2699

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ohscal-wc			0.6998	0.0600	0.6872	0.6646	0.3773
olive			0.8246	0.0390	0.7699	0.7809	0.1526
opn310k			0.9012	0.0988	0.6722	0.3407	0.6561
opn310k10%			0.8942	0.1058	0.6443	0.2863	0.6765
opnat310k-hg16-17			0.8999	0.1001	0.6587	0.3110	0.6592
optdigits			0.6673	0.0665	0.6834	0.6302	0.3904
optdigitsZ			0.9680	0.0320	0.8939	0.7784	0.2546
orl			0.6250	0.0187	0.5682	0.6154	0.0693
orlraws10P			0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9328	0.0672	0.5795	0.1562	0.5980
ozone8hr			0.9289	0.0711	0.6930	0.3650	0.5727
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7887	0.2113	0.7673	0.5344	0.7070
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8651	0.1349	0.8654	0.7299	0.5231
p53-mutants			0.9930	0.0070	0.6058	0.2108	0.5478
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9671	0.0132	0.8526	0.8149	0.3621
parkinson			0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons			0.9194	0.0806	0.9140	0.8276	0.3785
parkinsons-small			0.9474	0.0526	0.9399	0.8725	0.3145
particle			0.9145	0.0855	0.8947	0.7894	0.4360
particle10%			0.8800	0.1200	0.8547	0.7087	0.5379
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.8919	0.1081	0.5441	0.0864	0.6952
pcmac			0.5103	0.4897	0.4354	-0.1011	0.9736
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8684	0.1316	0.8191	0.6364	0.5732
pediatric-leukemia			0.7941	0.0588	0.8388	0.7531	0.1747
pendigits			0.9672	0.0066	0.9674	0.9636	0.0520
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.7778	0.2222	0.7500	0.5000	0.7296
persistency			0.7289	0.2711	0.7164	0.4319	0.7874
personalities			0.5950	0.0506	0.6112	0.5680	0.4665
pet-adoption			0.9300	0.0700	0.9200	0.8380	0.3323
phishing			0.9184	0.0816	0.9140	0.8268	0.3725
PhiUSIIL			0.9995	0.0005	0.9995	0.9990	0.0050
PhiUSIIL10%			0.9992	0.0008	0.9991	0.9983	0.0077
phone-acc			0.9814	0.0053	0.9816	0.9782	0.0295
phone-acc0.1%			0.9479	0.0149	0.9495	0.9392	0.0845
phone-acc1%			0.9817	0.0052	0.9816	0.9786	0.0361
phone-acc10%			0.9601	0.0114	0.9624	0.9534	0.0590
phone-gyr			0.9926	0.0021	0.9925	0.9914	0.0156
phone-gyr0.1%			0.9038	0.0275	0.9046	0.8875	0.1211
phone-gyr1%			0.9795	0.0058	0.9793	0.9761	0.0382
phone-gyr10%			0.9875	0.0036	0.9872	0.9854	0.0228
phoneme			0.8667	0.1333	0.8365	0.6730	0.5696
phy			0.6784	0.3216	0.6787	0.3565	0.8459
pima			0.7105	0.2895	0.6891	0.3724	0.8092
pirvision			0.9928	0.0048	0.9874	0.9772	0.0467
placement			0.7150	0.2850	0.7038	0.4055	0.8040
plant-growth			0.5789	0.4211	0.5760	0.1364	0.9011
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.5407	0.0919	0.1951	0.1614	0.8676
poker1%			0.4654	0.1069	0.1091	0.0129	0.4557
poker10%			0.5966	0.0807	0.1907	0.2672	0.7431
polish-1st			0.9616	0.0384	0.6860	0.3536	0.5373
polish-2nd			0.9587	0.0413	0.6542	0.2812	0.5428
polish-3rd			0.9410	0.0590	0.5655	0.1131	0.6136

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9551	0.0449	0.7444	0.4773	0.5175
polish-5th			0.9459	0.0541	0.7763	0.5502	0.5365
polya			0.6951	0.3049	0.6683	0.3366	0.8401
popularity			0.5675	0.2884	0.4123	0.1604	0.7263
post-operative			0.7778	0.1481	0.5045	0.4000	0.2005
postures			0.9561	0.0176	0.9570	0.9451	0.0959
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6338	0.2647	0.8906
prestige			0.7778	0.1481	0.7500	0.6538	0.2917
primary-tumor			0.4242	0.0523	0.1987	0.3489	0.2004
processed			0.9973	0.0027	0.9970	0.9939	0.0177
profb			0.5821	0.4179	0.5688	0.1331	0.9000
promoters			0.6000	0.4000	0.5833	0.1667	0.9308
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9748	0.0101	0.9682	0.9662	0.0663
puc-rio10%			0.9065	0.0374	0.8965	0.8740	0.1696
pufs-128			0.4992	0.5008	0.4992	-0.0016	0.9987
pufs-1281%			0.4930	0.5070	0.4930	-0.0140	1.0000
pufs-12810%			0.4995	0.5004	0.4996	-0.0009	0.9991
pufs-64			0.5001	0.4999	0.5001	0.0002	0.9982
pufs-641%			0.4896	0.5104	0.4896	-0.0209	1.0000
pufs-6410%			0.4983	0.5018	0.4982	-0.0035	1.0000
pulsar			0.9824	0.0176	0.9459	0.8895	0.1608
raisin			0.8556	0.1444	0.8563	0.7111	0.5413
rcv1			0.2327	0.0231	0.0165	0.0126	0.3095
rcv11%			0.6148	0.0145	0.2912	0.5738	0.3694
rcv110%			0.7473	0.0095	0.4337	0.7192	0.3515
re0-wc			0.7133	0.0441	0.5688	0.6310	0.4049
re1-wc			0.7530	0.0198	0.6443	0.7216	0.2302
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8301	0.0052	0.4018	0.7679	0.2979
rice			0.9890	0.0110	0.9889	0.9778	0.0768
rnaseq			0.9625	0.0150	0.9628	0.9505	0.0714
rocket			0.6183	0.3817	0.5946	0.1868	0.9171
RT_IOT2022			0.9885	0.0019	0.9078	0.9713	0.0546
satimage			0.6579	0.1140	0.6404	0.5751	0.4688
satimageF			0.9860	0.0140	0.9637	0.9274	0.1815
satimageT			0.8849	0.1151	0.7166	0.4291	0.6581
scadi			0.4286	0.1633	0.3448	0.3171	0.1790
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.4706	0.5294	0.4697	-0.0588	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8782	0.1218	0.5556	0.1094	0.6522
secondary_mushroom			0.9961	0.0039	0.9960	0.9920	0.0310
seeds			0.8095	0.1270	0.8115	0.7143	0.3146
segment			0.7229	0.0792	0.7317	0.6768	0.3610
segmentation			0.8069	0.1931	0.7858	0.5698	0.6665
segmentO			0.9913	0.0087	0.9826	0.9647	0.0385
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8658	0.1342	0.5503	0.0232	0.4453
sens-10-gram			0.8530	0.1470	0.5761	0.1174	0.6810
sens-2-gram			0.8421	0.1579	0.5196	0.0290	0.7247
sens-3-gram			0.7868	0.2132	0.5453	0.0904	0.7696
sens-4-gram			0.8000	0.2000	0.5624	0.1248	0.7676
sens-5-gram			0.7974	0.2026	0.5529	0.1057	0.7712
sens-6-gram			0.8500	0.1500	0.5848	0.1486	0.7156

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8237	0.1763	0.5678	0.1328	0.7659
sens-8-gram			0.8395	0.1605	0.5776	0.1453	0.7458
sens-9-gram			0.8816	0.1184	0.6717	0.2255	0.4575
sensorless			0.9800	0.0036	0.9808	0.9780	0.0339
sepsis			0.9094	0.0906	0.6567	0.0015	0.2086
shoppers			0.8735	0.1265	0.7440	0.4859	0.6445
shuttle			1.0000	0.0000	1.0000	1.0000	0.0000
sick			0.9867	0.0133	0.9444	0.8866	0.1604
sirtuin6			0.8000	0.2000	0.8000	0.6000	0.6644
skin			0.9996	0.0004	0.9994	0.9989	0.0085
skin10%			0.9967	0.0033	0.9950	0.9901	0.0456
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2800	0.3600	0.2720	0.0364	0.7892
smk_can_187			0.5789	0.4211	0.5843	0.1648	0.9308
smoking			0.7804	0.2196	0.7572	0.5079	0.7025
soil_pollution			0.2067	0.3173	0.2071	0.0095	0.8653
solar-flare			0.7554	0.0815	0.6205	0.6887	0.2655
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9559	0.0046	0.9608	0.9517	0.0313
spam-detection			0.9560	0.0440	0.8780	0.7535	0.4634
spambase			0.9152	0.0848	0.9116	0.8232	0.3970
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.5660	0.0181	0.2590	0.5421	0.1106
splice-EI			0.9401	0.0599	0.9203	0.8405	0.3518
splice-IE			0.9211	0.0789	0.8904	0.7807	0.4326
sport-articles			0.7300	0.2700	0.7156	0.4304	0.7873
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.4000	0.4000	0.2778	-0.1538	0.4966
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9101	0.0599	0.8854	0.8531	0.2131
steel-b			0.8769	0.1231	0.7984	0.5763	0.5178
steel-d			0.9692	0.0308	0.7818	0.5558	0.5566
steel-k			0.9641	0.0359	0.9455	0.8909	0.2792
steel-o			0.8667	0.1333	0.8543	0.7085	0.5441
steel-p			0.9026	0.0974	0.6857	0.3711	0.6558
steel-s			0.9949	0.0051	0.9665	0.9307	0.0228
steel-z			0.9846	0.0154	0.9607	0.9183	0.2760
stellar			0.9673	0.0218	0.9624	0.9418	0.1191
stock			0.9028	0.0972	0.8311	0.6613	0.5316
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9880	0.0120	0.9880	0.9758	0.0825
stress			0.9524	0.0190	0.9548	0.9405	0.0711
student-lifestyle			0.5200	0.1920	0.3759	0.2423	0.5400
student-depression			0.7900	0.2100	0.7815	0.5612	0.6849
student-habits			0.3400	0.2640	0.2342	0.0694	0.8007
student-weekend			0.4000	0.2400	0.3794	0.2028	0.6811
student-workday			0.7344	0.1062	0.2741	0.3105	0.4041
studentap			0.3846	0.4103	0.3172	0.1034	0.6087
susy			0.7577	0.2423	0.7556	0.5064	0.7274
susy1%			0.7892	0.2108	0.7892	0.5691	0.6580
susy10%			0.7963	0.2037	0.7953	0.5850	0.6553
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9988	0.0012	0.9988	0.9975	0.0120
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.3333	0.4444	0.2695	0.0000	0.6230
telco-churn			0.8438	0.1562	0.8026	0.6049	0.6315
texture			0.7218	0.0506	0.7408	0.6935	0.3084

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8947	0.1053	0.8683	0.7295	0.4423
tic-tac-toe			0.9263	0.0737	0.9170	0.8338	0.3663
tis			0.8661	0.1339	0.8191	0.6381	0.5891
tis10%			0.9030	0.0970	0.8681	0.7360	0.4848
titanic			0.8136	0.1864	0.7854	0.5063	0.4700
tourist			0.6250	0.1250	0.3030	0.3684	0.1720
tox_171			0.6471	0.1765	0.6768	0.5321	0.3752
toxicity			0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f			0.8235	0.1765	0.8152	0.5641	0.3671
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.5938	0.1860	0.8482
trec11-wc			0.8049	0.0434	0.7674	0.7599	0.1645
trec12-wc			0.7742	0.0565	0.7648	0.7260	0.1542
trec21-wc			0.7576	0.0808	0.5249	0.4981	0.3467
trec23-wc			0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc			0.9462	0.0154	0.7642	0.9287	0.1083
trec41-wc			0.9091	0.0182	0.7437	0.8885	0.1008
trec45-wc			0.9275	0.0145	0.8429	0.9158	0.0667
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.6750	0.1625	0.6909	0.5667	0.3853
tvnews			0.9385	0.0615	0.9336	0.8671	0.3204
tvnews1%			0.8308	0.1692	0.8152	0.6270	0.6070
tvnews10%			0.8481	0.1519	0.8365	0.6729	0.5817
ur3_cobotops_grip			0.9714	0.0286	0.7326	0.4477	0.4844
ur3_cobotops_stop			0.9714	0.0286	0.7669	0.5192	0.4567
urban			0.7910	0.0464	0.8013	0.7545	0.1923
urinalysis			0.9371	0.0629	0.6445	0.2766	0.6092
url-rep1%			0.9708	0.0419	0.9462	0.9196	0.2519
ustilago			0.9637	0.0253	0.5490	0.0887	0.4755
ustilago1%			0.9837	0.0163	0.4959	-0.0079	0.5665
ustilago10%			0.9752	0.0248	0.5357	0.0685	0.5035
vehicle			0.7143	0.1429	0.6936	0.6183	0.2724
vehicleVAN			0.9048	0.0952	0.8834	0.7612	0.4805
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.8372	0.1628	0.8410	0.6753	0.5648
vowel			0.3838	0.1120	0.4207	0.3222	0.3819
vowelZ			0.9697	0.0303	0.9134	0.8254	0.3837
vrnormat310k-hg16-17			0.8879	0.1121	0.6354	0.2691	0.6862
wap-wc			0.7500	0.0250	0.6158	0.7228	0.2155
warpar10p			0.6154	0.0769	0.5552	0.5667	0.1283
warppie10p			0.8571	0.0286	0.8663	0.8409	0.0651
watch-acc			0.9775	0.0037	0.9920	0.9745	0.0198
watch-acc1%			0.9288	0.0203	0.9330	0.9168	0.1139
watch-acc10%			0.9918	0.0023	0.9915	0.9905	0.0184
watch-gyr			0.9949	0.0052	0.9738	0.9920	0.0201
watch-gyr1%			0.9370	0.0180	0.9417	0.9265	0.0945
watch-gyr10%			0.9841	0.0045	0.9841	0.9814	0.0277
water_pollution			0.2367	0.3817	0.2352	-0.0177	0.8663
waveform			0.7480	0.1680	0.7478	0.6219	0.4997
weather-related			0.8962	0.0189	0.9123	0.8817	0.1145
web-phishing			0.8148	0.1235	0.7324	0.6776	0.4851
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9880	0.0048	0.9882	0.9849	0.0324
white-clover			0.6667	0.1667	0.3125	0.2500	0.3385
wifi-loc			0.9850	0.0075	0.9850	0.9800	0.0346

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9814	0.0186	0.8995	0.7987	0.3434
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5472	0.1509	0.2660	0.2903	0.5130
winequality-white			0.5951	0.1157	0.3607	0.4067	0.5513
winnipeg			0.9869	0.0038	0.9803	0.9834	0.0413
winnipeg10%			0.9527	0.0135	0.9584	0.9404	0.1033
wisc_bc			0.9474	0.0526	0.9432	0.8858	0.2729
yale			0.7500	0.0333	0.7318	0.7322	0.0609
yeast			0.4392	0.1122	0.2650	0.2757	0.5272
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9189	0.0811	0.5651	0.1084	0.4795
yeastME1			0.9527	0.0473	0.6808	0.3410	0.5673
yeastME2			0.9324	0.0676	0.6251	0.2503	0.6337
zip			0.8796	0.0241	0.8708	0.8650	0.1793

Table 16: Detailed results for C4.5(C2)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1655	0.0576	0.1042	0.0844	0.5880
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.7061	0.4084	0.6173
accelerometer		0.9728	0.0272	0.5942	0.1880	0.5825
accident		0.6000	0.4000	0.6021	0.2000	0.9166
ads		0.9665	0.0335	0.9289	0.8570	0.2794
adult		0.8266	0.1734	0.7562	0.5120	0.6841
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8730	0.1270	0.5243	0.0464	0.7227
AID_1431_MACCSFingerprinter		0.8571	0.1429	0.4615	-0.0728	0.7372
AID_1878		0.8000	0.2000	0.5220	0.0256	0.7084
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red		0.7500	0.2500	0.5180	0.0357	0.7748
AID1608Morered		0.8641	0.1359	0.4635	-0.0729	0.6742
AID1608red		0.8738	0.1262	0.4663	-0.0669	0.6366
AID362red		0.9813	0.0187	0.5988	0.1909	0.5648
AID373AID439red		0.9995	0.0005	0.4999	-0.0002	0.3911
AID373red		0.9983	0.0017	0.5829	0.1658	0.5310
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9950	0.0050	0.4987	-0.0024	0.5429
AID604		0.9985	0.0015	0.8888	0.7735	0.2608
AID604AID644_AllRed		0.9983	0.0017	0.5829	0.1658	0.5310
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.5500	0.4500	0.4369	-0.1250	0.9680
AID687AID721red		0.9988	0.0012	0.4997	-0.0006	0.5035
AID687red		0.9949	0.0051	0.4987	-0.0025	0.5413
AID688red		0.9868	0.0132	0.4967	-0.0057	0.5585
AID721morered		0.5556	0.4444	0.5303	0.0526	0.7987
AID721red		0.2222	0.7778	0.1818	-0.4651	0.7939
AID746AID1284red		0.9985	0.0015	0.4996	-0.0007	0.5338
AID746red		0.9901	0.0099	0.6043	0.2084	0.5474
aids		0.8498	0.1502	0.7939	0.5876	0.6298
air_pollution		0.2400	0.2171	0.1472	0.0104	0.8918
air-booking		0.8024	0.1976	0.5940	0.1876	0.7753
airline		0.9463	0.0537	0.9453	0.8906	0.2811
alcohol		0.7524	0.0990	0.4218	0.4376	0.3788
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.9256	0.0744	0.9184	0.8322	0.3193
anneal		0.9775	0.0090	0.7843	0.9509	0.0279
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9374	0.0313	0.8769	0.8796	0.1870
anuran-genus		0.9374	0.0156	0.8270	0.8970	0.2302
anuran-species		0.9542	0.0092	0.9008	0.9361	0.0873
anxiety		0.1500	0.1889	0.1419	0.0432	0.7894
apple-quality		0.6550	0.3450	0.6550	0.3100	0.8745
aps-failure		0.9884	0.0116	0.8353	0.6706	0.4459
arabidopsis		0.9829	0.0171	0.5339	0.0668	0.5174
arabidopsis0.1%		0.9824	0.0176	0.4955	-0.0089	0.5348
arabidopsis1%		0.9732	0.0268	0.4932	-0.0113	0.3892
arabidopsis10%		0.9822	0.0177	0.5243	0.0476	0.5079

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.8000	0.2000	0.8062	0.6000	0.6335
arrhythmia		0.6444	0.0547	0.4702	0.4954	0.3501
auction		0.9706	0.0294	0.9364	0.8720	0.3203
audiology		0.8696	0.0109	0.4010	0.8510	0.0208
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8500	0.0500	0.6952	0.8033	0.1274
avila		0.9741	0.0043	0.9721	0.9664	0.0747
babies		0.3710	0.1797	0.1432	0.0425	0.5757
balance		0.7903	0.1398	0.5495	0.6084	0.4036
bank		0.8874	0.1126	0.7113	0.4224	0.6596
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.7765	0.2235	0.7570	0.5140	0.7242
basehock		0.9749	0.0251	0.9749	0.9497	0.1579
bio		0.9951	0.0049	0.8603	0.7206	0.4070
bio10%		0.9938	0.0062	0.8321	0.6636	0.4637
biodeg		0.8095	0.1905	0.8059	0.6075	0.6461
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin		0.9871	0.0009	0.1260	0.4019	1.0000
bitcoin1%		0.9791	0.0014	0.0948	0.3158	0.4563
bitcoin10%		0.9831	0.0012	0.1178	0.3687	0.6189
body-perf		0.6201	0.1899	0.6203	0.4935	0.5450
bookings		0.9903	0.0065	0.8076	0.9794	0.0949
brain-tumor		0.5035	0.4965	0.5035	0.0069	0.9980
breast-cancer		0.7143	0.2857	0.6769	0.3488	0.8025
breast-cancer-co		0.9091	0.0909	0.9141	0.8136	0.2846
breast-cancer-ma		0.6364	0.3636	0.6333	0.2667	0.8952
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.8000	0.0571	0.5714	0.7143	0.0558
bub10at310k-hg16-17		0.9103	0.0897	0.6433	0.0295	0.2327
bub12at310k-hg16-17		0.8780	0.1265	0.6265	0.2443	0.7022
bub8at310k-hg16-17		0.8694	0.1275	0.6535	0.2882	0.6775
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4200	0.3867	0.3218	-0.0270	0.8044
car		0.9483	0.0259	0.9002	0.8923	0.1968
car-insurance		0.7730	0.2270	0.7359	0.4717	0.7440
card		0.8406	0.1594	0.8358	0.6713	0.5861
cardiotocography		0.7981	0.0404	0.7605	0.7578	0.2412
cardiotocography-nsp		0.9249	0.0501	0.8686	0.7935	0.3199
cardiovascular		0.6491	0.3509	0.6492	0.2981	0.8805
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.6725	0.5969	0.4522
cas_N6512_cdk_ECFP2		0.5576	0.4424	0.5880	0.0450	0.5967
cas_N6512_rdkit_ATOMPAIR		0.6585	0.3415	0.6566	0.3132	0.8715
cas_N6512_RDkit_AtomPair_FP		0.6580	0.3420	0.6556	0.3111	0.8724
cas_N6512_rdkit_AVALON		0.7373	0.2627	0.7375	0.4741	0.7669
cas_N6512_RDkit_Avalon_FP		0.7669	0.2331	0.7675	0.5336	0.7193
cas_N6512_rdkit_descriptors		0.6800	0.3200	0.6772	0.3540	0.8470
cas_N6512_rdkit_FEATMORGAN		0.7204	0.2796	0.7181	0.4360	0.7947
cas_N6512_RDkit_Featmorgan_FP		0.7239	0.2761	0.7218	0.4435	0.7899
cas_N6512_RDkit_FP		0.7132	0.2868	0.7125	0.4248	0.8031
cas_N6512_rdkit_LAYERED		0.7415	0.2585	0.7417	0.4825	0.7608
cas_N6512_RDkit_Layered_FP		0.7040	0.2960	0.7019	0.4038	0.8171

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7696	0.2304	0.7677	0.5350	0.7189
cas_N6512_RDkit_MACCS_FP		0.7730	0.2270	0.7750	0.5470	0.7043
cas_N6512_rdkit_MORGAN		0.6938	0.3062	0.6906	0.3795	0.8272
cas_N6512_RDkit_morgan_FP		0.6948	0.3052	0.6915	0.3802	0.8237
cas_N6512_rdkit_PATTERN		0.7477	0.2523	0.7477	0.4945	0.7520
cas_N6512_RDkit_pattern_FP		0.7362	0.2638	0.7357	0.4710	0.7703
cas_N6512_rdkit_RDKITFP		0.6897	0.3103	0.6877	0.3753	0.8352
cas_N6512_rdkit_TORSION		0.6677	0.3323	0.6654	0.3308	0.8615
ccds		0.9256	0.0743	0.6083	0.2097	0.5994
ccds1%		0.8819	0.1181	0.4686	-0.0547	0.4980
ccds10%		0.9114	0.0886	0.5707	0.1311	0.5640
cdc_diabetes		0.8154	0.1231	0.4106	0.2124	0.5901
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7431	0.2520	0.7440	0.4723	0.7330
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9669	0.0331	0.7665	0.5043	0.4163
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9380	0.0620	0.6240	0.2441	0.6288
CDS49_AID687_Rdkit-ecfp4-fp		0.9967	0.0033	0.4992	-0.0013	0.5230
census		0.9431	0.0569	0.7281	0.4455	0.5513
census10%		0.9365	0.0635	0.6918	0.3804	0.6066
central-nervous-system		0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9651	0.0349	0.8728	0.7101	0.5112
cervical-S		0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia		0.9125	0.0438	0.8925	0.8691	0.1954
chrom19		0.9997	0.0003	0.9186	0.8369	0.2627
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9996	0.0004	0.9055	0.8106	0.3482
chrom21		0.9996	0.0004	0.4999	-0.0002	0.4578
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9994	0.0006	0.4998	-0.0003	0.4253
chronic-kidney		0.8795	0.1205	0.6362	0.2684	0.6675
churn		0.7740	0.2260	0.6521	0.3041	0.7839
churn-bigml		0.9326	0.0674	0.8596	0.7178	0.4506
ci900367j_MACCS		0.7053	0.2947	0.6930	0.2712	0.5729
circles		0.8400	0.0032	0.8053	0.8384	0.0242
cirrhosis		0.6905	0.2063	0.5808	0.4228	0.4443
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7417	0.1292	0.5882	0.6078	0.5282
climate		0.9074	0.0926	0.6992	0.3946	0.6420
cll_sub_111		0.5833	0.2778	0.6667	0.3333	0.4065
cm1		0.8600	0.1400	0.5740	0.1463	0.7265
cmc		0.5578	0.2948	0.5423	0.3133	0.7065
cnae-9		0.9444	0.0123	0.9479	0.9375	0.0572
codon_usage		0.8089	0.0347	0.6579	0.7682	0.3345
coil20		0.9306	0.0069	0.9355	0.9269	0.0475
college		0.8831	0.1169	0.8507	0.7009	0.5266
collins		0.9600	0.0053	0.8888	0.9560	0.0124
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2		0.5172	0.4828	0.4682	-0.0628	0.9943
colposcopies-3		0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.7586	0.2414	0.5412	0.0814	0.8234
colposcopies-6		0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c		0.7931	0.2069	0.7784	0.5272	0.6464
column-2c		0.8710	0.1290	0.8634	0.7195	0.5250
column-3c		0.8387	0.1075	0.8088	0.7430	0.2410

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5198	0.4802	0.6032	0.0002	0.5252
comedy_comparisons1%		0.5119	0.4881	0.4715	-0.0093	0.6691
comedy_comparisons10%		0.5181	0.4819	0.5283	0.0019	0.5523
connect-4		0.9833	0.0112	0.7363	0.6170	0.4222
cottonmeloidogyne		0.6827	0.3173	0.6836	0.3659	0.8390
coupon		0.7050	0.2950	0.6974	0.3942	0.8181
covid19		0.5326	0.1335	0.2181	0.1779	0.5120
covtype		0.9213	0.0225	0.8810	0.8737	0.2040
covtype10%		0.7387	0.0746	0.6563	0.5802	0.4068
covtypeCD		0.9766	0.0234	0.9513	0.9024	0.2575
covtypeT		0.9777	0.0223	0.9112	0.8214	0.3018
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.9991	0.0009	0.8684	0.7364	0.3631
creditcard_trans10%		0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced		0.8774	0.0409	0.6889	0.7483	0.4315
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.3125	0.0344	0.2436	0.2946	0.1160
customer-churn		0.9742	0.0258	0.6695	0.3386	0.5727
cybersecurity		0.1733	0.2756	0.1748	0.0078	0.8588
cyclopentane		0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands		0.7593	0.2407	0.7586	0.4815	0.6443
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dating		0.1106	0.1779	0.1098	0.0118	0.9196
day1%		0.9562	0.0438	0.9522	0.9034	0.2278
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.7553	0.2447	0.6382	0.2761	0.8053
defect		0.9228	0.0772	0.8557	0.7114	0.4899
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8841	0.1159	0.7149	0.4297	0.6616
depressed		0.7552	0.2448	0.5391	0.0778	0.8194
dermatology		0.9189	0.0270	0.9249	0.8991	0.0971
desharnais		0.7500	0.1667	0.7667	0.5429	0.3496
dexter		0.8167	0.1833	0.8183	0.6333	0.6212
df_final		0.6875	0.2083	0.5590	0.5000	0.2664
DIA		0.7667	0.2333	0.6622	0.3171	0.7815
diabetes		0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k		0.9561	0.0439	0.8536	0.7063	0.4405
diabetes-risk		0.8818	0.1182	0.8196	0.6392	0.5771
diabetic		0.5395	0.3070	0.4036	0.0028	0.3637
diabetic1%		0.5882	0.2745	0.4695	0.2555	0.7002
diabetic10%		0.4528	0.3648	0.3583	0.0043	0.7770
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7249	0.1100	0.7283	0.6138	0.4112
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5833	0.4167	0.5845	0.1667	0.9267
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9938	0.0062	0.4984	-0.0031	0.4886
dna1%		0.9921	0.0079	0.5251	0.0449	0.4231
dna10%		0.9924	0.0076	0.5274	0.0500	0.4355
dorothea		0.9130	0.0870	0.7889	0.5677	0.5992
dota2		0.5132	0.4868	0.5130	0.0259	0.9909
dota210%		0.5243	0.4757	0.5242	0.0483	0.9840
drebin		0.9767	0.0233	0.9750	0.9500	0.1561
dropout		0.6749	0.2167	0.5963	0.4691	0.6081

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-01			0.3085	0.1976	0.1150	-0.0062	0.7119
drug-02			0.4149	0.1672	0.2270	0.1245	0.7242
drug-03			0.5532	0.1277	0.1306	-0.0204	0.5727
drug-04			0.3245	0.1930	0.1479	0.0153	0.8652
drug-05			0.6330	0.1049	0.1312	-0.0107	0.6581
drug-06			0.2819	0.2052	0.2208	0.1413	0.7458
drug-07			0.3723	0.1793	0.1437	0.0150	0.6353
drug-08			0.4362	0.1611	0.1642	0.0604	0.8253
drug-09			0.7766	0.0638	0.1260	-0.0126	0.4997
drug-10			0.4574	0.1550	0.2066	0.1079	0.7024
drug-11			0.8138	0.0532	0.2744	0.1607	0.3776
drug-12			0.6596	0.0973	0.1262	-0.0120	0.7802
drug-13			0.4947	0.1444	0.1682	0.1062	0.7577
drug-14			0.5266	0.1353	0.2573	0.2163	0.6946
drug-15			0.6862	0.0897	0.1665	0.1181	0.8665
drug-16			0.4734	0.1505	0.2175	0.1696	0.6927
drug-17			0.2287	0.2204	0.1714	0.0122	0.7910
drug-18			0.9947	0.0021	0.1995	0.0000	0.0076
drug-19			0.6968	0.0866	0.1664	0.0792	0.5202
drybean			0.9052	0.0271	0.9206	0.8854	0.1446
ecoli			0.8235	0.0441	0.5004	0.7515	0.0998
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU			0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM			0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce			0.2800	0.3600	0.2840	0.0413	0.8202
eeg			0.2927	0.0884	0.2937	0.2191	0.8060
eeg-eye			0.8004	0.1996	0.7978	0.5953	0.6650
eeg10%			0.1946	0.1007	0.1444	0.1106	0.8152
email_phishing			0.9870	0.0130	0.6926	0.3613	0.4732
eucalyptus			0.7397	0.1041	0.7162	0.6651	0.3248
euthyroid			0.9462	0.0538	0.8548	0.7086	0.4937
exon.vs.intron-freq			0.9579	0.0421	0.9577	0.9155	0.2348
exon.vs.intron-freq10%			0.9200	0.0800	0.9198	0.8396	0.3721
fakenews			0.5400	0.4600	0.5397	0.0793	0.9746
farm-ads			0.8575	0.1425	0.8567	0.7130	0.5420
fbis-wc			0.6870	0.0368	0.5700	0.6459	0.2977
fertility			0.8000	0.2000	0.4444	-0.1111	0.7317
finance			0.7647	0.2353	0.7624	0.5248	0.7286
financial-risk			0.8745	0.0418	0.7254	0.8031	0.2336
fishcatch			0.8750	0.0417	0.8833	0.8416	0.1096
flags			0.6500	0.0875	0.3691	0.5584	0.2086
fonts			0.4802	0.0068	0.1967	0.4430	0.2758
fonts10%			0.4545	0.0071	0.1384	0.4159	0.3446
forest			0.9038	0.0481	0.8919	0.8672	0.1255
gas			0.9720	0.0093	0.9703	0.9660	0.0660
gastrointestinal			0.6875	0.2083	0.7667	0.5210	0.3282
gender			0.5895	0.2737	0.4169	0.0104	0.4068
gene			0.8959	0.0694	0.8822	0.8327	0.2787
german			0.7000	0.3000	0.6549	0.3039	0.8365
gestures			0.8399	0.0801	0.8401	0.7865	0.3091
gina			0.8444	0.1556	0.8444	0.6887	0.5732
gisette			0.9029	0.0971	0.9030	0.8057	0.4221
glass			0.7143	0.0952	0.6771	0.6261	0.2567
glass-g2			0.6875	0.3125	0.6789	0.3548	0.8301
glassBWFP			0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP			0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers			0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM			0.7368	0.2632	0.7360	0.4693	0.7643
gli_85			0.7500	0.2500	0.6667	0.3333	0.7987
glioma			0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade			0.8214	0.1786	0.8160	0.6218	0.5935
green			0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage			0.4667	0.2667	0.5236	0.2638	0.5793
gsalc			0.8889	0.0370	0.9167	0.8657	0.0530
haberman			0.6000	0.4000	0.4431	-0.1111	0.9438
hapt			0.8884	0.0186	0.7489	0.8681	0.1208
har			0.9501	0.0200	0.9474	0.9368	0.1131
har70			0.8820	0.0337	0.5803	0.8295	0.2372
har701%			0.8858	0.0326	0.5333	0.8342	0.3439
har7010%			0.8996	0.0287	0.5579	0.8533	0.3424
harth			0.8407	0.0265	0.5177	0.7824	0.1781
harth1%			0.8358	0.0274	0.5012	0.7766	0.2508
harth10%			0.8204	0.0299	0.4685	0.7552	0.1821
hayes-roth			0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival			0.7647	0.2353	0.7747	0.5342	0.6845
health-activity			0.6700	0.1650	0.2558	0.0280	0.5443
heart			0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack			0.7097	0.2903	0.7164	0.4247	0.7846
heart-c			0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure			0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum			0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis			0.7333	0.2667	0.6779	0.3333	0.7333
hepmass			0.8004	0.1996	0.8137	0.6008	0.5720
hepmass1%			0.7757	0.2243	0.7757	0.5514	0.7079
hepmass10%			0.7968	0.2032	0.8044	0.5931	0.6190
hERG-121inputs			0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs			0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs			0.9231	0.0769	0.8898	0.7547	0.2092
higgs			0.5550	0.4450	0.5959	0.0566	0.5992
higgs0.1%			0.5600	0.4400	0.5902	0.0685	0.6415
higgs1%			0.5738	0.4262	0.5726	0.1451	0.9503
higgs10%			0.5536	0.4464	0.5979	0.0553	0.5915
higher			0.2857	0.1786	0.2655	0.1617	0.2883
hinselmann			0.7000	0.3000	0.6098	0.2105	0.7892
hitters			0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa			0.8583	0.1417	0.7397	0.4783	0.6659
hiva			0.9338	0.0662	0.5721	0.1425	0.6016
horse			0.5833	0.2778	0.5203	0.2330	0.6477
hotel-reservartions			0.8757	0.1243	0.8575	0.7146	0.5228
hr			0.8140	0.1860	0.5651	0.1281	0.7742
ht-sensor			0.8553	0.0964	0.8704	0.7847	0.2675
ht-sensor10%			0.8992	0.0672	0.9085	0.8494	0.2053
htru2			0.9715	0.0285	0.9133	0.8265	0.3304
hypothyroid			0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT			0.9973	0.0027	0.9909	0.9816	0.0997
ilpd			0.6610	0.3390	0.5568	0.1114	0.9005
immuno-therapy			0.7778	0.2222	0.6786	0.3571	0.7720
instagram			0.9680	0.0160	0.9681	0.9573	0.0703
ionosphere			0.9143	0.0857	0.9146	0.8148	0.3671
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.7612	0.0184	0.7635	0.7517	0.2064

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8007	0.1993	0.5560	0.0489	0.6093
jvowels		0.8574	0.0317	0.8499	0.8384	0.2111
kc1		0.8578	0.1422	0.6795	0.3286	0.6454
kc1-class-level-defectiveornot		0.7333	0.2667	0.7159	0.4118	0.7427
kc1-class-level-numericdefect		0.5000	0.0417	0.0595	0.1833	0.2713
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.5858	0.1675	0.8277
kdc-4007		0.7057	0.0736	0.6352	0.6565	0.3440
kddcup98		0.9487	0.0513	0.5224	0.0026	0.2145
kddcup981%		0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%		0.9361	0.0639	0.5248	0.0372	0.6120
kddcup99		1.0000	0.0000	0.7213	0.9999	0.0164
kddcup991%		0.9986	0.0001	0.5094	0.9976	0.0055
kddcup9910%		0.9995	0.0000	0.6792	0.9992	0.0257
kepler		0.8703	0.0865	0.8248	0.7865	0.2456
kidney		0.7303	0.1079	0.2108	0.0292	0.7609
kidney-disease		0.9500	0.0500	0.9467	0.8933	0.2764
krkopt		0.7483	0.0280	0.7474	0.7191	0.2914
krvskp		0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc		0.6698	0.1101	0.6404	0.5808	0.4776
la2s-wc		0.6921	0.1026	0.6869	0.6090	0.4548
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0147	0.3829	0.6909	0.0589
led24		0.6500	0.0700	0.6390	0.6056	0.1568
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8525	0.0113	0.8519	0.8466	0.1666
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.6667	0.0444	0.6722	0.6421	0.1285
linkage		1.0000	0.0000	0.9986	0.9971	0.0155
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.9999	0.0001	0.9964	0.9928	0.0370
liver		0.5000	0.5000	0.4661	-0.0664	0.9551
loan		0.9883	0.0117	0.9875	0.9750	0.0789
localization		0.6210	0.0689	0.4139	0.5240	0.6550
localization10%		0.5564	0.0806	0.3239	0.4361	0.5653
lrs		0.6226	0.0755	0.4610	0.4914	0.1847
lung		0.9048	0.0381	0.8857	0.8190	0.1706
lung_discrete		0.6250	0.1071	0.5333	0.5472	0.1163
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.8500	0.0600	0.7857	0.6907	0.2125
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2		0.6667	0.0741	0.3030	0.5500	0.0853
machine-failure		0.8298	0.1702	0.8237	0.6468	0.6092
madelon		0.5077	0.4923	0.5077	0.0154	0.9942
magic04		0.8101	0.1899	0.7907	0.5812	0.6661
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7917	0.2083	0.7930	0.5839	0.6742
marketing		0.8438	0.1562	0.6851	0.3702	0.7134
maternal		0.8020	0.1320	0.8045	0.6990	0.4075
math		0.8500	0.0750	0.8278	0.7751	0.2494
mba		0.7935	0.1376	0.4080	0.2270	0.5561
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2667	0.2933	0.2699	0.0839	0.8300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
messidor		0.6696	0.3304	0.6638	0.3277	0.8607
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.8730	0.8442	0.1259
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.8900	0.0220	0.8922	0.8778	0.1226
mfeat-fou		0.6800	0.0640	0.6723	0.6444	0.2811
mfeat-kar		0.8050	0.0390	0.8087	0.7833	0.2167
mfeat-mor		0.6300	0.0740	0.6290	0.5889	0.2542
mfeat-pix		0.8450	0.0310	0.8484	0.8278	0.1653
mfeat-zer		0.6700	0.0660	0.6788	0.6333	0.2661
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9906	0.0063	0.9918	0.9855	0.0283
mines		0.5000	0.2000	0.4815	0.3731	0.5072
mobile		0.6643	0.0120	0.6714	0.6582	0.1533
monks-1		0.7273	0.2727	0.7319	0.4562	0.7625
monks-2		0.9672	0.0328	0.9641	0.9257	0.1307
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.3644	0.1156	0.4279	0.2441	0.6514
musk		0.9439	0.0561	0.8907	0.7811	0.3999
MUT_ci300400a_cdk_ECFP2		0.5923	0.4077	0.5955	0.0285	0.5461
MUT_ci300400a_cdk_ECFP4		0.7545	0.2455	0.7461	0.4919	0.7488
MUT_ci300400a_cdk_ECFP6		0.7281	0.2719	0.7230	0.4455	0.7851
MUT_ci300400a_cdk_ESTATE		0.7518	0.2482	0.7420	0.4818	0.7496
MUT_ci300400a_cdk_EXTENDED		0.7518	0.2482	0.7463	0.4923	0.7514
MUT_ci300400a_cdk_FCFP2		0.8096	0.1904	0.8042	0.6085	0.6526
MUT_ci300400a_cdk_FCFP4		0.7710	0.2290	0.7639	0.5277	0.7222
MUT_ci300400a_cdk_FCFP6		0.7470	0.2530	0.7424	0.4842	0.7571
MUT_ci300400a_cdk_MACCS		0.8177	0.1823	0.8141	0.6277	0.6350
MUT_ci300400a_cdk_PUBCHEM		0.8204	0.1796	0.8157	0.6314	0.6311
MUT_ci300400a_cdk_STANDARD		0.7796	0.2204	0.7771	0.5526	0.7014
MUT_ci300400a_rdkit_descriptors		0.5865	0.4135	0.6006	0.0353	0.5495
myocardial		0.8647	0.0338	0.3424	0.4438	0.4045
naticusdroid		0.9703	0.0297	0.9703	0.9407	0.1801
NCI60		0.3333	0.2222	0.2857	0.2000	0.2350
nci9		0.3333	0.1481	0.2222	0.2258	0.1401
ncRNA		0.8984	0.0107	0.4722	0.6967	0.1778
ncRNA1%		0.8834	0.0123	0.3952	0.6628	0.6989
ncRNA10%		0.9041	0.0101	0.4571	0.7136	0.2591
neo		0.8778	0.1222	0.6540	0.3080	0.6893
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.6849	0.0143	0.6769	0.6748	0.2601
newspop		0.5474	0.4526	0.5447	0.0893	0.9707
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9515	0.0485	0.9402	0.8801	0.2824
NPHA-doctor-visits		0.4028	0.3981	0.3111	-0.0131	0.7971
nursery		0.9915	0.0034	0.7836	0.9876	0.0339
obesity		0.9479	0.0149	0.9487	0.9391	0.0732
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9932	0.0068	0.9905	0.9809	0.0782
Occupancy_Estimation		0.9911	0.0044	0.9723	0.9728	0.0350
oh0-wc		0.8515	0.0297	0.8618	0.8304	0.1509
oh10-wc		0.6571	0.0686	0.6530	0.6098	0.3209
oh15-wc		0.7391	0.0522	0.7386	0.7057	0.2380
oh5-wc		0.7033	0.0593	0.7313	0.6657	0.2810

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ohscal-wc			0.6577	0.0685	0.6472	0.6173	0.4225
olive			0.9298	0.0156	0.9014	0.9124	0.0363
opn310k			0.8835	0.1165	0.6557	0.3113	0.6817
opn310k10%			0.8894	0.1106	0.6578	0.3157	0.6772
opnat310k-hg16-17			0.9097	0.0902	0.6288	0.0218	0.2403
optdigits			0.8683	0.0263	0.8708	0.8536	0.1768
optdigitsZ			0.9875	0.0125	0.9613	0.9225	0.1841
orl			0.6500	0.0175	0.6067	0.6410	0.0638
orlraws10P			0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer			0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr			0.9368	0.0632	0.4837	-0.0321	0.6277
ozone8hr			0.8933	0.1067	0.5644	0.1261	0.6936
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8041	0.1959	0.7748	0.5436	0.6666
P-Glycoprotein_c_RDkit_AtomPair_FP			0.7778	0.2222	0.8090	0.5652	0.5154
p53-mutants			0.9930	0.0070	0.6058	0.2108	0.5478
p53-mutants10%			0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks			0.9653	0.0139	0.6886	0.8063	0.2446
parkinson			0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons			0.8341	0.1659	0.8227	0.6451	0.6083
parkinsons-small			0.8421	0.1579	0.7857	0.5649	0.6183
particle			0.8789	0.1211	0.8510	0.7020	0.5400
particle10%			0.8769	0.1231	0.8484	0.6968	0.5450
pasture			1.0000	0.0000	1.0000	1.0000	0.0000
pc1			0.9009	0.0991	0.6073	0.2138	0.6764
pcmac			0.5052	0.4948	0.5001	0.0001	0.9869
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.7895	0.2105	0.7399	0.4754	0.7218
pediatric-leukemia			0.7941	0.0588	0.7925	0.7500	0.1914
pendigits			0.9618	0.0076	0.9617	0.9575	0.0637
period			0.5556	0.4444	0.5791	0.1429	0.8628
period-10f			0.5556	0.4444	0.5791	0.1429	0.8628
persistency			0.7318	0.2682	0.7134	0.4267	0.7900
personalities			0.6157	0.0480	0.6172	0.5900	0.4809
pet-adoption			0.9150	0.0850	0.9035	0.8070	0.4103
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL			1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.9303	0.0199	0.9352	0.9185	0.0434
phone-acc0.1%			0.9204	0.0228	0.9161	0.9070	0.1150
phone-acc1%			0.9886	0.0033	0.9881	0.9867	0.0258
phone-acc10%			0.9255	0.0213	0.9310	0.9129	0.0486
phone-gyr			0.9459	0.0154	0.9472	0.9368	0.0386
phone-gyr0.1%			0.9160	0.0240	0.9107	0.9018	0.1171
phone-gyr1%			0.9831	0.0048	0.9820	0.9802	0.0356
phone-gyr10%			0.9500	0.0143	0.9496	0.9415	0.0457
phoneme			0.8093	0.1907	0.7666	0.5331	0.6922
phy			0.5756	0.4244	0.5756	0.1512	0.9491
pima			0.6711	0.3289	0.6421	0.2737	0.8519
pirvision			0.9941	0.0039	0.9897	0.9814	0.0439
placement			0.7200	0.2800	0.7098	0.4184	0.7986
plant-growth			0.5789	0.4211	0.5778	0.1556	0.9466
plrx			0.6111	0.3889	0.5439	0.0870	0.8978
poker			0.6584	0.0683	0.3103	0.3898	0.5073
poker1%			0.5171	0.0966	0.1283	0.1342	0.5253
poker10%			0.6225	0.0755	0.2169	0.3249	0.5795
polish-1st			0.9587	0.0413	0.7354	0.4698	0.5790
polish-2nd			0.9489	0.0511	0.6362	0.2709	0.6139
polish-3rd			0.9381	0.0619	0.6420	0.2835	0.6271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9500	0.0500	0.7580	0.5156	0.5745
polish-5th			0.9509	0.0491	0.8121	0.6242	0.5262
polya			0.6573	0.3427	0.6274	0.2548	0.8813
popularity			0.5660	0.2894	0.3872	0.1060	0.7044
post-operative			0.8889	0.0741	0.5856	0.7273	0.1423
postures			0.9758	0.0097	0.9755	0.9697	0.0613
pred-tox_mutagen_ref-desc			0.5294	0.4706	0.5765	0.0588	0.6634
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3333	0.0606	0.1515	0.2508	0.2525
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.5522	0.4478	0.5476	0.0905	0.9057
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9754	0.0099	0.9581	0.9669	0.0699
puc-rio10%			0.9469	0.0212	0.9044	0.9287	0.1231
pufs-128			0.4981	0.5019	0.4981	-0.0038	1.0000
pufs-1281%			0.4955	0.5045	0.4955	-0.0090	1.0000
pufs-12810%			0.5008	0.4992	0.5008	0.0016	0.9989
pufs-64			0.5012	0.4988	0.5012	0.0023	0.9988
pufs-641%			0.4988	0.5012	0.4987	-0.0026	1.0000
pufs-6410%			0.5012	0.4988	0.5012	0.0023	0.9987
pulsar			0.9713	0.0287	0.9127	0.8249	0.3220
raisin			0.8333	0.1667	0.8341	0.6667	0.5921
rcv1			0.2352	0.0232	0.0166	0.0126	0.3107
rcv11%			0.6130	0.0146	0.2534	0.5649	0.4401
rcv110%			0.2470	0.0344	0.0192	0.0098	0.3042
re0-wc			0.6533	0.0533	0.6563	0.5576	0.4603
re1-wc			0.7892	0.0169	0.7182	0.7598	0.1868
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8325	0.0052	0.4528	0.7709	0.3076
rice			0.9824	0.0176	0.9822	0.9645	0.1199
rnaseq			0.9500	0.0200	0.9544	0.9332	0.0595
rocket			0.5936	0.4064	0.5784	0.1568	0.9366
RT_IOT2022			0.9984	0.0003	0.9792	0.9959	0.0060
satimage			0.8429	0.0524	0.8237	0.8072	0.2390
satimageF			0.9844	0.0156	0.9599	0.9198	0.2059
satimageT			0.9098	0.0902	0.7383	0.4750	0.6144
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.4444	0.5556	0.4696	-0.0465	0.7758
schizo			0.4412	0.5588	0.4384	-0.1176	1.0000
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9231	0.0769	0.5662	0.1103	0.6287
secondary_mushroom			0.8480	0.1520	0.8624	0.7010	0.4691
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9264	0.0210	0.9342	0.9139	0.0917
segmentation			0.7475	0.2525	0.7209	0.4410	0.7721
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.8992	0.1008	0.5109	0.0207	0.6922
semeion			0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram			0.7974	0.2026	0.5202	0.0400	0.7852
sens-10-gram			0.8032	0.1968	0.4732	-0.0489	0.8004
sens-2-gram			0.8237	0.1763	0.5423	0.0802	0.7721
sens-3-gram			0.8342	0.1658	0.6082	0.2146	0.7470
sens-4-gram			0.8289	0.1711	0.6026	0.2043	0.7516
sens-5-gram			0.8316	0.1684	0.5839	0.1637	0.7560
sens-6-gram			0.8000	0.2000	0.5308	0.0611	0.7817

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8184	0.1816	0.5070	0.0128	0.7828
sens-8-gram			0.7947	0.2053	0.5000	0.0000	0.7918
sens-9-gram			0.8237	0.1763	0.5903	0.1798	0.7580
sensorless			0.9793	0.0038	0.9793	0.9772	0.0343
sepsis			0.9094	0.0906	0.6567	0.0015	0.2086
shoppers			0.8605	0.1395	0.7130	0.4227	0.6759
shuttle			0.9997	0.0001	0.9838	0.9990	0.0458
sick			0.9841	0.0159	0.9325	0.8554	0.0582
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9989	0.0011	0.9983	0.9965	0.0161
skin10%			0.9971	0.0029	0.9957	0.9913	0.0243
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2800	0.3600	0.2780	0.0446	0.8072
smk_can_187			0.5263	0.4737	0.5225	0.0447	0.9841
smoking			0.7664	0.2336	0.7465	0.4927	0.7396
soil_pollution			0.1867	0.3253	0.1851	-0.0171	0.8839
solar-flare			0.7554	0.0815	0.6046	0.6859	0.2293
sonar			0.7000	0.3000	0.7000	0.4000	0.8211
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9415	0.0585	0.8195	0.6384	0.5095
spambase			0.9217	0.0783	0.9180	0.8360	0.3732
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer			0.4717	0.0220	0.2301	0.4413	0.1495
splice-EI			0.9527	0.0473	0.9382	0.8761	0.3109
splice-IE			0.9180	0.0820	0.8865	0.7729	0.4460
sport-articles			0.7400	0.2600	0.7211	0.4423	0.7789
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8830	0.0780	0.8494	0.8090	0.2517
steel-b			0.7385	0.2615	0.6097	0.2194	0.8192
steel-d			0.9744	0.0256	0.7677	0.5324	0.5024
steel-k			0.9795	0.0205	0.9685	0.9371	0.1800
steel-o			0.6974	0.3026	0.6778	0.3538	0.8266
steel-p			0.9026	0.0974	0.7032	0.4041	0.6481
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9061	0.8093	0.4129
stellar			0.9650	0.0233	0.9594	0.9378	0.1194
stock			0.7986	0.2014	0.6110	0.2133	0.7754
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9940	0.0060	0.9940	0.9879	0.0481
stress			0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle			0.4750	0.2100	0.2956	0.1674	0.6289
student-depression			0.7548	0.2452	0.7447	0.4879	0.7463
student-habits			0.2600	0.2960	0.1796	-0.0546	0.8001
student-weekend			0.2615	0.2954	0.2041	-0.0032	0.8427
student-workday			0.5625	0.1750	0.3769	0.0132	0.5140
studentap			0.3077	0.4615	0.3319	-0.0263	0.7504
susy			0.7683	0.2317	0.7661	0.5289	0.7136
susy1%			0.7638	0.2362	0.7619	0.5187	0.7161
susy10%			0.7595	0.2405	0.7570	0.5125	0.7329
swarm_aligned			0.9975	0.0025	0.9971	0.9942	0.0271
swarm_flocking			0.9800	0.0200	0.9800	0.9600	0.1327
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.3333	0.4444	0.3388	0.0000	0.8223
telco-churn			0.8608	0.1392	0.8235	0.6468	0.5932
texture			0.9018	0.0179	0.9071	0.8918	0.1224

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7447	0.2553	0.4268	-0.1417	0.8293
thrombin			0.9791	0.0209	0.6769	0.3239	0.4864
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe			0.9368	0.0632	0.9287	0.8564	0.3161
tis			0.8384	0.1616	0.7863	0.5724	0.6524
tis10%			0.7836	0.2164	0.7176	0.4344	0.7461
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.1667	0.2786	0.2381	0.1674
tox_171			0.2941	0.3529	0.2745	0.0599	0.5158
toxicity			0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f			0.8235	0.1765	0.8020	0.5984	0.6209
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6000	0.4000	0.4298	-0.1398	0.9213
trec11-wc			0.7561	0.0542	0.6709	0.7005	0.2225
trec12-wc			0.7742	0.0565	0.7631	0.7288	0.1600
trec21-wc			0.7879	0.0707	0.5072	0.5926	0.2937
trec23-wc			0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc			0.9247	0.0215	0.7796	0.9001	0.0898
trec41-wc			0.9091	0.0182	0.7366	0.8892	0.1338
trec45-wc			0.9275	0.0145	0.9285	0.9156	0.0670
tuandromd			0.9821	0.0179	0.9722	0.9443	0.1640
turkish			0.6750	0.1625	0.6821	0.5667	0.4339
tvnews			0.9143	0.0857	0.9071	0.8138	0.3985
tvnews1%			0.8538	0.1462	0.8455	0.6902	0.5674
tvnews10%			0.8204	0.1796	0.8071	0.6142	0.6415
ur3_cobotops_grip			0.9701	0.0299	0.6798	0.2069	0.2605
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8358	0.0365	0.8242	0.8073	0.1579
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
url-rep1%			0.9578	0.0422	0.9551	0.9078	0.2537
ustilago			0.9746	0.0254	0.5492	0.0897	0.4718
ustilago1%			0.9756	0.0244	0.4938	-0.0119	0.4801
ustilago10%			0.9738	0.0262	0.5340	0.0640	0.4892
vehicle			0.7500	0.1250	0.7170	0.6639	0.2273
vehicleVAN			0.9524	0.0476	0.9393	0.8769	0.3203
voice			0.5833	0.4167	0.5598	0.1176	0.9159
vote			0.8140	0.1860	0.8280	0.6301	0.5432
vowel			0.5455	0.0826	0.5814	0.5000	0.2499
vowelZ			0.9293	0.0707	0.7755	0.5497	0.5632
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7115	0.0288	0.6084	0.6762	0.2180
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc			0.9872	0.0037	0.9869	0.9850	0.0198
watch-acc1%			0.9794	0.0059	0.9791	0.9759	0.0433
watch-acc10%			0.9882	0.0034	0.9880	0.9862	0.0223
watch-gyr			0.9820	0.0052	0.9822	0.9789	0.0202
watch-gyr1%			0.9841	0.0045	0.9841	0.9814	0.0352
watch-gyr10%			0.9870	0.0037	0.9869	0.9848	0.0184
water_pollution			0.2933	0.3533	0.2927	0.0575	0.8363
waveform			0.6920	0.2053	0.6923	0.5377	0.5666
weather-related			0.9692	0.0056	0.9694	0.9651	0.0419
web-phishing			0.8667	0.0889	0.8122	0.7632	0.3901
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9911	0.0036	0.9905	0.9887	0.0263
white-clover			0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc			0.9700	0.0150	0.9705	0.9600	0.0611

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9855	0.0145	0.9218	0.8435	0.2875
wine			0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red			0.5723	0.1426	0.2852	0.3203	0.4308
winequality-white			0.5521	0.1280	0.2858	0.3274	0.6025
winnipeg			0.9763	0.0068	0.9667	0.9700	0.0605
winnipeg10%			0.9773	0.0065	0.9719	0.9713	0.0648
wisc_bc			0.8772	0.1228	0.8805	0.7486	0.4696
yale			0.4375	0.0750	0.4308	0.3975	0.1297
yeast			0.5135	0.0973	0.3525	0.3734	0.4531
yeastCYT-POX			0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC			0.9527	0.0473	0.6808	0.3410	0.5673
yeastME1			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2			0.9324	0.0676	0.6251	0.2503	0.6337
zip			0.8645	0.0271	0.8526	0.8481	0.2003

Table 17: Detailed results for C5.0(C)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer		0.9831	0.0169	0.6760	0.2831	0.3936
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
ads		0.9726	0.0274	0.9414	0.8808	0.2032
adult		0.8686	0.1315	0.8096	0.6151	0.5732
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7810	0.2190	0.6070	0.2126	0.7950
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.4088	0.1161	0.2974
AID1284Morered		0.6667	0.3333	0.4000	-0.1934	0.7524
AID1284red		0.7222	0.2778	0.4194	-0.1613	0.7929
AID1608Morered		0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9967	0.0033	0.6684	0.1991	0.2307
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.6707	0.3056	0.7334
AID644red		0.5500	0.4500	0.4886	-0.0227	0.9383
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8685	0.1315	0.8141	0.6242	0.5688
airline		0.9598	0.0402	0.9591	0.9179	0.2200
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9958	0.0042	0.8849	0.7671	0.4228
anuran-family		0.9597	0.0202	0.8790	0.9236	0.1783
anuran-genus		0.9471	0.0132	0.8489	0.9123	0.1847
anuran-species		0.9569	0.0086	0.9100	0.9399	0.0843
apple-quality		0.8150	0.1850	0.8150	0.6300	0.6353
aps-failure		0.9907	0.0093	0.8580	0.7124	0.3500
arabidopsis0.1%		0.9853	0.0147	0.4963	-0.0071	0.5635
arabidopsis1%		0.9856	0.0144	0.4964	-0.0072	0.5506
arcene		0.8500	0.1500	0.8488	0.6939	0.5599
arrhythmia		0.7556	0.0489	0.5928	0.6218	0.1942
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.8182	0.0331	0.7016	0.7874	0.0785
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autos		0.8000	0.0800	0.8280	0.7306	0.1831
balance		0.8710	0.0860	0.5994	0.7571	0.2313
bank		0.9031	0.0969	0.7502	0.4999	0.6179
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8295	0.1705	0.8132	0.6256	0.6209
basehock		0.9397	0.0603	0.9420	0.8795	0.2641
bio		0.9960	0.0040	0.8766	0.7490	0.2959
bio10%		0.9945	0.0055	0.8448	0.6895	0.4286
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%		0.9870	0.0037	0.3505	0.2064	0.1274
body-perf		0.7239	0.1381	0.7264	0.6318	0.4316
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma		0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue		0.6364	0.1212	0.6525	0.5600	0.2067
bridges		0.7000	0.1000	0.5887	0.5714	0.1860
bub10at310k-hg16-17		0.8964	0.1036	0.6531	0.3020	0.6691
bub12at310k-hg16-17		0.8968	0.1032	0.6423	0.2773	0.6680
bub8at310k-hg16-17		0.8894	0.1106	0.6546	0.3089	0.6794
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
car		0.9655	0.0172	0.9349	0.9274	0.1682
card		0.8696	0.1304	0.8657	0.7285	0.5029
cardiotocography		0.8357	0.0329	0.8071	0.8025	0.1980
cardiotocography-nsp		0.9202	0.0532	0.8623	0.7879	0.3429
cardiovascular		0.7375	0.2625	0.7389	0.4750	0.7615
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8250	0.1167	0.7519	0.6865	0.2934
cas_N6512_cdk_ECFP2		0.7450	0.2550	0.7436	0.4871	0.7589
cas_N6512_rdkit_ATOMPAIR		0.7369	0.2631	0.7345	0.4675	0.7683
cas_N6512_RDkit_AtomPair_FP		0.6979	0.3021	0.6947	0.3859	0.8182
cas_N6512_rdkit_AVALON		0.7634	0.2366	0.7619	0.5237	0.7299
cas_N6512_RDkit_Avalon_FP		0.7638	0.2362	0.7618	0.5230	0.7278
cas_N6512_rdkit_descriptors		0.7554	0.2446	0.7547	0.5091	0.7416
cas_N6512_rdkit_FEATMORGAN		0.7527	0.2473	0.7506	0.5008	0.7464
cas_N6512_RDkit_Featmorgan_FP		0.7393	0.2607	0.7369	0.4724	0.7650
cas_N6512_RDkit_FP		0.7546	0.2454	0.7528	0.5054	0.7439
cas_N6512_rdkit_LAYERED		0.7615	0.2385	0.7614	0.5222	0.7304
cas_N6512_RDkit_Layered_FP		0.7316	0.2684	0.7292	0.4576	0.7776
cas_N6512_rdkit_MACCS		0.7957	0.2043	0.7941	0.5862	0.6675
cas_N6512_RDkit_MACCS_FP		0.8006	0.1994	0.8006	0.6004	0.6622
cas_N6512_rdkit_MORGAN		0.7738	0.2262	0.7720	0.5423	0.7082
cas_N6512_RDkit_morgan_FP		0.7239	0.2761	0.7214	0.4417	0.7882
cas_N6512_rdkit_PATTERN		0.7631	0.2369	0.7635	0.5258	0.7263
cas_N6512_RDkit_pattern_FP		0.7699	0.2301	0.7681	0.5358	0.7183
cas_N6512_rdkit_RDKITFP		0.7081	0.2919	0.7060	0.4119	0.8115
cas_N6512_rdkit_TORSION		0.6908	0.3092	0.6878	0.3747	0.8330
ccds1%		0.8984	0.1016	0.4732	-0.0502	0.5403
ccds10%		0.9295	0.0705	0.5664	0.1318	0.6113
cdc_diabetes		0.8464	0.1024	0.4226	0.2119	0.3485
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7150	0.2850	0.6910	0.3818	0.8136
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9483	0.0517	0.5796	0.0889	0.4644
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9489	0.0511	0.7402	0.4691	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9992	0.0008	0.7946	0.5878	0.4445
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.6116	0.1148	0.4393
churn		0.8550	0.1450	0.7500	0.4717	0.5836
ci900367j_MACCS		0.6842	0.3158	0.6610	0.3218	0.8520
cirrhosis		0.7143	0.1905	0.6084	0.4672	0.5608
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7472	0.1264	0.5940	0.6111	0.5292
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5442	0.3039	0.5221	0.2922	0.6847
cnae-9		0.9167	0.0185	0.9235	0.9062	0.0868
codon_usage		0.8319	0.0306	0.6653	0.7956	0.3289
coil20		0.9375	0.0063	0.9409	0.9342	0.0356
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.6812	0.3318	0.7732
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.5517	0.4483	0.5085	0.0157	0.9614
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.8276	0.1724	0.7767	0.5511	0.6703
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.8387	0.1075	0.7914	0.7395	0.2576
connect-4		0.9865	0.0090	0.7670	0.6687	0.3491
cottonmeloidogyne		0.6827	0.3173	0.6830	0.3656	0.8416
coupon		0.7185	0.2815	0.7106	0.4198	0.7988
covid19		0.5498	0.1286	0.2165	0.1991	0.4032
covtype		0.9454	0.0156	0.9166	0.9122	0.1528
covtype10%		0.8503	0.0428	0.7894	0.7583	0.3174
covtypeCD		0.9891	0.0109	0.9767	0.9532	0.1215
covtypeT		0.9831	0.0169	0.9337	0.8671	0.2556
crabs		0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans		0.9993	0.0007	0.8862	0.7433	0.0040
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9069	0.0310	0.7879	0.8096	0.3272
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
customer-churn		0.9840	0.0160	0.7609	0.4926	0.3903
cyclopentane		0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands		0.7778	0.2222	0.7728	0.5456	0.7094
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8280	0.1720	0.7185	0.4084	0.6437
defect		0.9599	0.0401	0.9227	0.8399	0.2297
deposit		0.9002	0.0998	0.7462	0.4909	0.6186

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
depressed		0.8112	0.1888	0.5788	0.1376	0.7552
dermatology		0.9189	0.0270	0.9249	0.8991	0.0971
desharnais		0.5000	0.3333	0.3667	0.0588	0.6762
dexter		0.8167	0.1833	0.8168	0.6333	0.6308
df_final		0.6875	0.2083	0.5590	0.5000	0.2664
DIA		0.8333	0.1667	0.7616	0.5122	0.6385
diabetes		0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-risk		0.9199	0.0801	0.8742	0.7466	0.4367
diabetic1%		0.5000	0.3333	0.3534	0.1051	0.6488
diabetic10%		0.4862	0.3425	0.3637	0.0684	0.7770
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7773	0.0891	0.7785	0.6844	0.3306
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dota2		0.5649	0.4351	0.5629	0.1257	0.9579
dota210%		0.5291	0.4709	0.5276	0.0552	0.9825
dropout		0.7359	0.1761	0.6670	0.5650	0.5301
drug-01		0.2872	0.2036	0.1567	-0.0068	0.7487
drug-02		0.4043	0.1702	0.1962	0.1337	0.7459
drug-03		0.6064	0.1312	0.2069	0.1303	0.6120
drug-04		0.4255	0.1641	0.2088	0.1137	0.8388
drug-05		0.7074	0.0836	0.1515	0.0294	0.3862
drug-06		0.3298	0.1915	0.2618	0.1919	0.7231
drug-07		0.3511	0.2163	0.1594	0.0036	0.6952
drug-08		0.4947	0.1444	0.2388	0.1602	0.7240
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.4894	0.1459	0.1815	0.1327	0.7365
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7606	0.0798	0.1660	0.0440	0.5068
drug-13		0.5372	0.1322	0.1604	0.1865	0.6144
drug-14		0.5532	0.1277	0.2788	0.2607	0.6673
drug-15		0.7234	0.0790	0.1650	0.1525	0.5939
drug-16		0.5532	0.1489	0.3205	0.2906	0.6154
drug-17		0.2872	0.2036	0.2193	0.1071	0.8165
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7181	0.0805	0.1724	0.1032	0.6099
drybean		0.9155	0.0241	0.9271	0.8978	0.1383
ecoli		0.7941	0.0686	0.6417	0.7180	0.2594
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
eeg		0.3992	0.0751	0.4054	0.3365	0.7168
eeg-eye		0.8351	0.1649	0.8334	0.6668	0.5961
eeg10%		0.3164	0.0854	0.3153	0.2474	0.7326
email_phishing		0.9884	0.0116	0.7080	0.2629	0.1812
eucalyptus		0.6712	0.1315	0.6845	0.5779	0.3135
euthyroid		0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq		0.9644	0.0356	0.9643	0.9285	0.2074
exon.vs.intron-freq10%		0.9317	0.0683	0.9315	0.8630	0.3335
fbis-wc		0.6829	0.0373	0.6507	0.6395	0.2958
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.5490	0.4510	0.3544	0.0000	0.5183

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
fishcatch			0.8750	0.0417	0.8833	0.8416	0.1096
flags			0.6500	0.1000	0.4755	0.5597	0.2285
fonts			0.8131	0.0024	0.6342	0.8045	0.3123
fonts10%			0.6130	0.0051	0.3221	0.5958	0.5001
forest			0.8654	0.0673	0.8599	0.8137	0.1815
gas			0.9756	0.0081	0.9751	0.9703	0.0555
gastrointestinal			0.8750	0.0833	0.8910	0.8095	0.1719
gender			0.5474	0.3018	0.4329	0.1241	0.7114
gene			0.9274	0.0484	0.9176	0.8828	0.1974
german			0.6700	0.3300	0.6259	0.2500	0.8752
gestures			0.8065	0.0967	0.8068	0.7420	0.3441
gina			0.8876	0.1124	0.8878	0.7753	0.4656
gisette			0.9529	0.0471	0.9529	0.9057	0.2546
glass			0.7619	0.0794	0.7176	0.6656	0.2136
glass-g2			0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP			0.9524	0.0476	0.9529	0.9014	0.2404
glassBWNFP			0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers			0.9091	0.0909	0.7250	0.4500	0.6330
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP			0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM			0.7895	0.2105	0.7889	0.5778	0.6844
gli_85			0.8750	0.1250	0.8730	0.7143	0.4644
glioma			0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade			0.8810	0.1190	0.8845	0.7610	0.4620
green			0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage			0.3333	0.3333	0.2767	0.0741	0.7064
gsalc			0.7778	0.0741	0.7358	0.7313	0.1003
haberman			0.7333	0.2667	0.4231	0.0000	0.4155
hapt			0.9167	0.0139	0.7236	0.9016	0.0817
har			0.9730	0.0108	0.9708	0.9658	0.0658
hayes-roth			0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival			0.5882	0.4118	0.5662	0.1314	0.9439
health-activity			0.7000	0.1500	0.2083	-0.0395	0.6664
heart			0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack			0.8065	0.1935	0.8199	0.6189	0.5820
heart-c			0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure			0.9800	0.0200	0.9767	0.9533	0.1319
heart-quantum			0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis			0.8000	0.2000	0.7266	0.4444	0.7131
hepmass			0.8636	0.1364	0.8641	0.7273	0.5241
hepmass1%			0.8447	0.1553	0.8451	0.6894	0.5696
hepmass10%			0.8565	0.1435	0.8571	0.7131	0.5413
hERG-121inputs			0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.9231	0.0769	0.8898	0.7547	0.2092
higgs			0.7192	0.2808	0.7180	0.4359	0.7962
higgs0.1%			0.6282	0.3718	0.6260	0.2517	0.9032
higgs1%			0.6813	0.3187	0.6802	0.3605	0.8449
higgs10%			0.7056	0.2944	0.7043	0.4086	0.8145
higher			0.2143	0.1964	0.2500	0.0610	0.3621
hinselmann			0.7000	0.3000	0.4118	-0.1538	0.8916
hitters			0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa			0.8685	0.1315	0.7499	0.4948	0.6349
hiva			0.9598	0.0402	0.6031	0.1737	0.5500
horse			0.6111	0.2593	0.6161	0.3620	0.6028
ht-sensor			0.9994	0.0004	0.9995	0.9992	0.0036
ht-sensor10%			0.9963	0.0024	0.9965	0.9945	0.0170

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
htru2		0.9771	0.0229	0.9289	0.8565	0.2495
hypothyroid		0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.6441	0.3559	0.5585	0.1169	0.9037
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere		0.9714	0.0286	0.9671	0.9320	0.1146
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8049	0.0150	0.8113	0.7971	0.1661
jm1		0.7971	0.2029	0.5936	0.1540	0.7377
jvowels		0.8956	0.0232	0.8915	0.8817	0.1612
kc1		0.8531	0.1469	0.6473	0.2225	0.5902
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6154	0.1538	0.1600	0.0441	0.3403
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.5420	0.0574	0.7533
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9476	0.0524	0.4866	-0.0021	0.2511
kddcup991%		0.9980	0.0003	0.8156	0.9966	0.0262
kddcup9910%		0.9995	0.0000	0.7827	0.9992	0.0018
kepler		0.8745	0.0837	0.8299	0.7931	0.2327
kidney		0.6801	0.1279	0.2078	-0.0046	0.7982
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krvskp		0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc		0.7270	0.0910	0.7160	0.6520	0.3844
la2s-wc		0.7384	0.0872	0.7206	0.6650	0.3904
labor		0.8333	0.1667	0.8537	0.6667	0.4644
led24		0.6500	0.0778	0.6933	0.6034	0.1982
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8889	0.0148	0.9106	0.8806	0.0504
linkage		0.9998	0.0002	0.9895	0.9787	0.0040
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9999	0.0001	0.9916	0.9831	0.0217
liver		0.5882	0.4118	0.5514	0.1019	0.9203
loan		0.9883	0.0117	0.9875	0.9750	0.0789
localization		0.7333	0.0485	0.5141	0.6640	0.5001
localization10%		0.6547	0.0628	0.4006	0.5617	0.5464
lrs		0.8491	0.0431	0.8065	0.7911	0.1309
lung		0.9048	0.0381	0.7099	0.8082	0.0647
lung_discrete		0.6250	0.1500	0.6000	0.5102	0.2226
lung-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1		0.8500	0.0600	0.8438	0.7087	0.2985
lung-cancer-harvard2		0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2		0.6667	0.1111	0.4000	0.5500	0.1046
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.6654	0.3346	0.6654	0.3308	0.8629
magic04		0.8590	0.1410	0.8425	0.6815	0.5430
mammography		0.8021	0.1979	0.8017	0.6000	0.6506
maternal		0.8020	0.1320	0.8043	0.6992	0.4208
messidor		0.6261	0.3739	0.6289	0.2547	0.8910
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.7875	0.7702	0.2056
meter-D		0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac		0.8950	0.0210	0.8980	0.8833	0.1169
mfeat-fou		0.7650	0.0470	0.7638	0.7389	0.2057
mfeat-kar		0.8100	0.0380	0.8121	0.7889	0.2083
mfeat-pix		0.8950	0.0210	0.8949	0.8833	0.1242
mfeat-zer		0.7300	0.0540	0.7298	0.7000	0.2284
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mobile		0.6783	0.0115	0.6861	0.6725	0.1483
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8852	0.1148	0.8770	0.7240	0.2925
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4556	0.0990	0.5006	0.3534	0.5830
musk		0.9742	0.0258	0.9497	0.8986	0.2045
MUT_ci300400a_cdk_ECFP2		0.8034	0.1966	0.7966	0.5927	0.6627
MUT_ci300400a_cdk_ECFP4		0.7856	0.2144	0.7778	0.5545	0.6945
MUT_ci300400a_cdk_ECFP6		0.7341	0.2659	0.7242	0.4473	0.7787
MUT_ci300400a_cdk_ESTATE		0.7542	0.2458	0.7459	0.4914	0.7492
MUT_ci300400a_cdk_EXTENDED		0.7962	0.2038	0.7908	0.5815	0.6777
MUT_ci300400a_cdk_FCFP2		0.8156	0.1844	0.8099	0.6197	0.6405
MUT_ci300400a_cdk_FCFP4		0.7806	0.2194	0.7738	0.5475	0.7058
MUT_ci300400a_cdk_FCFP6		0.7782	0.2218	0.7724	0.5448	0.7096
MUT_ci300400a_cdk_MACCS		0.8321	0.1679	0.8265	0.6525	0.6042
MUT_ci300400a_cdk_PUBCHEM		0.8599	0.1401	0.8551	0.7085	0.5351
MUT_ci300400a_cdk_STANDARD		0.7988	0.2012	0.7924	0.5848	0.6728
MUT_ci300400a_rdkit_descriptors		0.8045	0.1955	0.7995	0.5988	0.6604
myocardial		0.8765	0.0309	0.3099	0.3871	0.2202
naticusdroid		0.9693	0.0307	0.9693	0.9386	0.1845
NCI60		0.3333	0.2222	0.2857	0.2000	0.2350
nci9		0.3333	0.2222	0.3333	0.2000	0.2651
ncRNA		0.9493	0.0053	0.7561	0.8651	0.5042
ncRNA1%		0.9017	0.0103	0.4500	0.7316	0.5494
ncRNA10%		0.9259	0.0078	0.6312	0.8007	0.6352
neo		0.9144	0.0856	0.6901	0.2463	0.3702
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6123	0.3877	0.6110	0.2221	0.9176
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9553	0.0447	0.9453	0.8905	0.2774
NPHA-doctor-visits		0.4306	0.3796	0.3323	-0.0413	0.7818
nursery		0.9992	0.0004	0.9994	0.9989	0.0028
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9942	0.0058	0.9919	0.9837	0.0754
Occupancy_Estimation		0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc		0.8614	0.0277	0.8890	0.8408	0.1289
oh10-wc		0.6952	0.0610	0.7027	0.6515	0.2783
oh15-wc		0.7283	0.0543	0.7519	0.6931	0.2647
oh5-wc		0.7143	0.0571	0.7387	0.6778	0.2624
opn310k		0.8950	0.1050	0.6588	0.3158	0.6713
opn310k10%		0.8999	0.1001	0.6702	0.3389	0.6623
opnat310k-hg16-17		0.8994	0.1006	0.6708	0.3390	0.6609
optdigits		0.8879	0.0224	0.8922	0.8754	0.1481
optdigitsZ		0.9947	0.0053	0.9837	0.9674	0.1218
orl		0.7500	0.0125	0.7105	0.7436	0.0438

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
orlraws10P		0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9486	0.0514	0.4868	-0.0224	0.6286
ozone8hr		0.9209	0.0791	0.6719	0.3344	0.6219
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8041	0.1959	0.7835	0.5669	0.6802
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8175	0.1825	0.8200	0.6360	0.6183
p53-mutants		0.9946	0.0054	0.5743	0.1035	0.4401
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9781	0.0088	0.8806	0.8808	0.3207
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.9083	0.0917	0.8870	0.7739	0.4556
particle10%		0.8723	0.1277	0.8436	0.6870	0.5573
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.6277	0.1763	0.4947
pcmac		0.5155	0.4845	0.4966	-0.0067	0.9922
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8289	0.1711	0.7680	0.5357	0.6714
pediatric-leukemia		0.6765	0.0924	0.6522	0.6030	0.2275
pendigits		0.9663	0.0067	0.9659	0.9626	0.0573
period		0.7778	0.2222	0.7500	0.5000	0.7296
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
phishing		0.9551	0.0449	0.9530	0.9060	0.2549
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.9058	0.0269	0.8998	0.8899	0.1080
phone-acc1%		0.9897	0.0030	0.9892	0.9879	0.0232
phone-acc10%		0.9982	0.0005	0.9981	0.9979	0.0052
phone-gyr0.1%		0.9325	0.0193	0.9271	0.9211	0.0893
phone-gyr1%		0.9921	0.0023	0.9915	0.9908	0.0176
phoneme		0.8852	0.1148	0.8632	0.7249	0.5225
phy		0.6912	0.3088	0.6922	0.3820	0.8263
pima		0.7237	0.2763	0.7027	0.3824	0.7533
pirvision		0.9935	0.0044	0.9885	0.9792	0.0396
placement		0.7700	0.2300	0.7626	0.5248	0.7228
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.6752	0.0722	0.2848	0.3957	0.3505
poker1%		0.4839	0.1475	0.2664	0.0656	0.6185
poker10%		0.6045	0.0989	0.2355	0.2646	0.5183
polish-1st		0.9815	0.0185	0.8619	0.7141	0.3055
polish-2nd		0.9656	0.0344	0.7207	0.4103	0.4691
polish-3rd		0.9495	0.0505	0.6614	0.3048	0.5723
polish-4th		0.9653	0.0347	0.8047	0.5961	0.4196
polish-5th		0.9492	0.0508	0.7862	0.5679	0.5094
polya		0.6832	0.3168	0.6516	0.3028	0.8565
popularity		0.6018	0.2655	0.4192	0.1820	0.7238
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
postures		0.9777	0.0089	0.9775	0.9721	0.0577
pred-tox_mutagen_ref-desc		0.6765	0.3235	0.6777	0.3529	0.8439
prestige		0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor		0.4242	0.0886	0.3198	0.3469	0.2793
processed		1.0000	0.0000	1.0000	1.0000	0.0000
profb		0.6418	0.3582	0.6130	0.2239	0.8794
promoters		0.8000	0.2000	0.7917	0.5833	0.6737
prostate		0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE		0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio		0.9851	0.0059	0.9729	0.9801	0.0465
puc-rio10%		0.9698	0.0121	0.9425	0.9595	0.0706
pufs-128		0.5001	0.4999	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-1281%			0.4952	0.5048	0.4952	-0.0097	1.0000
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4925	0.5075	0.4925	-0.0150	1.0000
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9832	0.0168	0.9484	0.8941	0.1404
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
re0-wc			0.7400	0.0400	0.6108	0.6602	0.3748
re1-wc			0.7771	0.0178	0.6551	0.7455	0.1891
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9879	0.0121	0.9878	0.9755	0.0839
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6473	0.3527	0.6407	0.2806	0.8798
RT_IOT2022			0.9982	0.0003	0.9690	0.9955	0.0044
satimage			0.8600	0.0467	0.8421	0.8280	0.2235
satimageF			0.9860	0.0140	0.9647	0.9292	0.2145
satimageT			0.9114	0.0886	0.7611	0.5220	0.6114
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			1.0000	0.0000	1.0000	1.0000	0.0000
schizo			0.4706	0.5294	0.4704	-0.0588	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8910	0.1090	0.5662	0.1322	0.6664
secondary_mushroom			0.9989	0.0011	0.9988	0.9977	0.0123
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9567	0.0124	0.9615	0.9494	0.0550
segmentation			0.8465	0.1535	0.8296	0.6559	0.5735
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8632	0.1368	0.4633	-0.0102	0.4508
sens-10-gram			0.8504	0.1496	0.5709	0.1119	0.6950
sens-2-gram			0.8421	0.1579	0.5546	0.0938	0.7359
sens-3-gram			0.8000	0.2000	0.5907	0.1805	0.7521
sens-4-gram			0.7816	0.2184	0.5906	0.1769	0.7398
sens-5-gram			0.7789	0.2211	0.5323	0.0645	0.7711
sens-6-gram			0.8105	0.1895	0.5710	0.1418	0.7666
sens-7-gram			0.8237	0.1763	0.5513	0.0984	0.7703
sens-8-gram			0.8342	0.1658	0.6013	0.1999	0.7492
sens-9-gram			0.8342	0.1658	0.5538	0.0986	0.7563
sensorless			0.9887	0.0021	0.9887	0.9876	0.0209
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8816	0.1184	0.7526	0.4983	0.6130
shuttle			0.9993	0.0002	0.9996	0.9981	0.0013
sick			0.9867	0.0133	0.9444	0.8866	0.1604
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9988	0.0012	0.9981	0.9963	0.0160
skin10%			0.9951	0.0049	0.9926	0.9851	0.0581
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smk_can_187			0.3158	0.6842	0.3167	-0.3646	1.0000
smoking			0.7479	0.2521	0.7310	0.4618	0.7659
solar-flare			0.7914	0.0695	0.6382	0.7320	0.1871
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.9265	0.0077	0.9333	0.9195	0.0388
spam-detection			0.9560	0.0440	0.8671	0.7340	0.4392
spambase			0.9348	0.0652	0.9316	0.8628	0.3232
spect			0.6667	0.3333	0.5452	0.0899	0.8578
spectf			0.8286	0.1714	0.7900	0.5800	0.6541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectrometer			0.5577	0.0328	0.4858	0.5335	0.1212
splice-EI			0.9558	0.0442	0.9420	0.8839	0.2944
splice-IE			0.9211	0.0789	0.8887	0.7765	0.4203
sport-articles			0.8100	0.1900	0.7934	0.5855	0.6578
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.4000	0.7059	0.2857	0.5283
steel_industry			0.9038	0.0641	0.8792	0.8438	0.2298
steel-b			0.8462	0.1538	0.7769	0.5528	0.6568
steel-d			0.9795	0.0205	0.8564	0.7039	0.4990
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.8000	0.2000	0.7878	0.5728	0.6762
steel-p			0.9179	0.0821	0.7119	0.4224	0.6229
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			1.0000	0.0000	1.0000	1.0000	0.0000
stellar			0.9749	0.0167	0.9709	0.9554	0.0933
stock			0.9514	0.0486	0.9167	0.8332	0.3398
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.5400	0.1840	0.3038	0.2608	0.5709
student-weekend			0.3846	0.2462	0.3417	0.1824	0.6791
student-workday			0.6719	0.1313	0.2375	0.1483	0.5791
studentap			0.3846	0.4103	0.3075	0.0545	0.6678
susy			0.7946	0.2054	0.7934	0.5819	0.6609
susy1%			0.7854	0.2146	0.7841	0.5628	0.6773
susy10%			0.7892	0.2108	0.7877	0.5712	0.6736
swarm_aligned			0.9996	0.0004	0.9995	0.9990	0.0035
swarm_flocking			0.9983	0.0017	0.9983	0.9967	0.0167
swarm_grouped			0.9996	0.0004	0.9996	0.9991	0.0038
tae			0.4667	0.3556	0.4820	0.2000	0.6690
texture			0.9382	0.0112	0.9412	0.9318	0.0760
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9368	0.0632	0.9293	0.8586	0.3353
tis			0.8609	0.1391	0.8087	0.6165	0.5981
tis10%			0.8582	0.1418	0.7950	0.5698	0.5446
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.1000	0.5455	0.6364	0.0863
tox_171			0.5294	0.2353	0.5596	0.3790	0.3755
toxicity			0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f			0.8235	0.1765	0.8163	0.6277	0.6246
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.5779	0.1519	0.8533
trec11-wc			0.8049	0.0434	0.7621	0.7595	0.1627
trec12-wc			0.8387	0.0403	0.8880	0.8048	0.1366
trec21-wc			0.6970	0.1212	0.4851	0.3529	0.3947
trec23-wc			0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc			0.9247	0.0251	0.9403	0.9004	0.1332
trec41-wc			0.8750	0.0250	0.6967	0.8474	0.1284
trec45-wc			0.8986	0.0203	0.8130	0.8814	0.0852
tuandromd			0.9821	0.0179	0.9724	0.9448	0.1758
turkish			0.7000	0.1500	0.6937	0.6000	0.3974
tvnews			0.9284	0.0716	0.9224	0.8437	0.3415
tvnews1%			0.8462	0.1538	0.8336	0.6668	0.5835
tvnews10%			0.8566	0.1434	0.8461	0.6922	0.5625
ur3_cobotops_grip			0.9701	0.0299	0.7438	0.4847	0.5301
ur3_cobotops_stop			0.9755	0.0245	0.8150	0.6274	0.4514

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
urban			0.7910	0.0464	0.7987	0.7547	0.1750
ustilago1%			0.9870	0.0130	0.4967	-0.0049	0.5377
ustilago10%			0.9821	0.0179	0.5332	0.0658	0.5655
vehicle			0.7143	0.1429	0.6882	0.6175	0.2940
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.7500	0.2500	0.7391	0.4706	0.7427
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.8898	0.1102	0.6599	0.3196	0.6773
wap-wc			0.6731	0.0327	0.5595	0.6334	0.2595
warpar10p			0.7692	0.0462	0.6160	0.7400	0.0585
warppie10p			0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc1%			0.9864	0.0039	0.9860	0.9841	0.0300
watch-acc10%			0.9987	0.0004	0.9987	0.9985	0.0040
watch-gyr1%			0.9869	0.0037	0.9867	0.9847	0.0287
watch-gyr10%			0.9988	0.0003	0.9988	0.9987	0.0037
waveform			0.7420	0.1720	0.7428	0.6130	0.5072
web-phishing			0.8296	0.1136	0.7658	0.6969	0.4487
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9969	0.0012	0.9967	0.9961	0.0102
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9876	0.0124	0.9371	0.8735	0.3108
wine			0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red			0.5786	0.1405	0.2937	0.3296	0.5081
winequality-white			0.5746	0.1418	0.3663	0.3648	0.5989
winnipeg			0.9904	0.0028	0.9870	0.9878	0.0309
winnipeg10%			0.9816	0.0053	0.9853	0.9767	0.0376
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.6875	0.0417	0.5714	0.6639	0.0687
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1			0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.8688	0.0262	0.8578	0.8530	0.1894

Table 18: Detailed results for C5.0(R1)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1511	0.0585	0.0877	0.0739	0.5963
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer		0.9844	0.0156	0.7125	0.3685	0.3803
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.8677	0.1323	0.8081	0.6117	0.5742
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7905	0.2095	0.5065	0.0086	0.7569
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8586	0.0943	0.5304	0.2713	0.5796
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.0583	0.9417	0.0550	0.0000	0.1497
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.0030	0.9970	0.0030	0.0000	0.0086
AID604		0.9962	0.0038	0.5637	0.0519	0.3050
AID604AID644_AllRed		0.9987	0.0013	0.4997	-0.0005	0.5055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.0092	0.9908	0.0091	0.0000	0.0260
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8920	0.1080	0.8483	0.6934	0.5000
air_pollution		0.2300	0.2200	0.1425	-0.0082	0.9055
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.9593	0.0407	0.9587	0.9170	0.2217
alcohol		0.8381	0.0648	0.5260	0.6566	0.3168
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.9535	0.0465	0.9489	0.8970	0.2464
anneal		0.1124	0.3551	0.1626	-0.0656	0.2010
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family		0.9555	0.0223	0.8843	0.9151	0.1592
anuran-genus		0.9513	0.0122	0.8581	0.9192	0.1648
anuran-species		0.9597	0.0081	0.9177	0.9437	0.0815
anxiety		0.1083	0.1981	0.1028	-0.0046	0.8418
apple-quality		0.7975	0.2025	0.7976	0.5950	0.6685
aps-failure		0.9918	0.0082	0.8816	0.7628	0.3555
arabidopsis		0.9889	0.0166	0.5288	0.0575	0.5285
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.0444	0.1470	0.0110	-0.0568	0.2842
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.7826	0.0181	0.3330	0.7500	0.0504
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.2714	0.7286	0.2135	0.0000	0.4603
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.1500	0.2833	0.1709	0.0659	0.3192
avila		0.9880	0.0020	0.9834	0.9844	0.0187
babies		0.3629	0.1820	0.2007	0.0544	0.6002
balance		0.8710	0.0860	0.5994	0.7571	0.2313
bank		0.1126	0.8874	0.1012	0.0000	0.2603
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria		0.8479	0.1521	0.8323	0.6584	0.5572
basehock		0.8844	0.1156	0.8844	0.7688	0.4752
bio		0.9960	0.0040	0.8766	0.7490	0.2959
bio10%		0.9938	0.0062	0.8321	0.6636	0.4637
biodeg		0.3810	0.6190	0.2759	0.0000	0.5189
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9892	0.0007	0.1457	0.4716	0.3288
bitcoin1%		0.9870	0.0009	0.0846	0.2064	0.0786
bitcoin10%		0.9882	0.0008	0.1095	0.3805	0.1664
body-perf		0.7291	0.1354	0.7317	0.6388	0.4259
bookings		0.9910	0.0060	0.8026	0.9808	0.0555
brain-tumor		0.4905	0.5095	0.4899	-0.0197	0.9981
breast-cancer		0.2857	0.7143	0.2222	0.0000	0.4711
breast-cancer-co		0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma		0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue		0.6364	0.1212	0.6525	0.5600	0.2067
bridges		0.0000	0.2857	0.0000	-0.1494	0.3210
bub10at310k-hg16-17		0.9121	0.0879	0.6625	0.2815	0.5700
bub12at310k-hg16-17		0.9108	0.0892	0.6567	0.2715	0.5790
bub8at310k-hg16-17		0.9101	0.0899	0.6876	0.3646	0.6234
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.0345	0.4828	0.1364	-0.1548	0.3302
car-insurance		0.8520	0.1480	0.8265	0.6528	0.5896
card		0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography		0.8263	0.0347	0.7982	0.7915	0.2194
cardiotocography-nsp		0.9249	0.0501	0.8675	0.7987	0.3310
cardiovascular		0.7367	0.2633	0.7378	0.4733	0.7639
cargo2k		0.3477	0.4349	0.2250	0.0061	0.3443
cars		0.8250	0.1167	0.7519	0.6865	0.2934
cas_N6512_cdk_ECFP2		0.7404	0.2596	0.7395	0.4787	0.7650
cas_N6512_rdkit_ATOMPAIR		0.7185	0.2815	0.7170	0.4340	0.7973
cas_N6512_RDkit_AtomPair_FP		0.7086	0.2914	0.7065	0.4129	0.8110
cas_N6512_rdkit_AVALON		0.7588	0.2412	0.7578	0.5155	0.7368
cas_N6512_RDkit_Avalon_FP		0.7653	0.2347	0.7636	0.5271	0.7265
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.7281	0.2719	0.7258	0.4514	0.7838
cas_N6512_RDkit_Featmorgan_FP		0.7270	0.2730	0.7249	0.4497	0.7855
cas_N6512_RDkit_FP		0.7255	0.2745	0.7230	0.4423	0.7799
cas_N6512_rdkit_LAYERED		0.7569	0.2431	0.7548	0.5088	0.7387
cas_N6512_RDkit_Layered_FP		0.7439	0.2561	0.7416	0.4821	0.7587

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.7769	0.2231	0.7751	0.5494	0.7053
cas_N6512_RDkit_morgan_FP		0.7362	0.2638	0.7341	0.4637	0.7620
cas_N6512_rdkit_PATTERN		0.7677	0.2323	0.7666	0.5332	0.7225
cas_N6512_RDkit_pattern_FP		0.7515	0.2485	0.7496	0.4989	0.7485
cas_N6512_rdkit_RDKITFP		0.7189	0.2811	0.7167	0.4331	0.7967
cas_N6512_rdkit_TORSION		0.7169	0.2831	0.7170	0.4332	0.7964
ccds		0.9230	0.0724	0.5800	0.1464	0.6085
ccds1%		0.9588	0.0412	0.4895	-0.0052	0.3718
ccds10%		0.9605	0.0395	0.5795	0.0584	0.3477
cdc_diabetes		0.8473	0.1018	0.4245	0.2147	0.3464
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9521	0.0479	0.7670	0.5135	0.4659
census10%		0.9512	0.0488	0.7419	0.4586	0.4842
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.0698	0.9302	0.0652	0.0000	0.1753
cervical-C		0.0581	0.9419	0.0549	0.0000	0.1495
cervical-H		0.0465	0.9535	0.0444	0.0000	0.1224
cervical-S		0.0930	0.9070	0.0851	0.0000	0.2234
children-anemia		0.9406	0.0297	0.9342	0.9116	0.1387
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9992	0.0008	0.7946	0.5878	0.4445
chrom21		0.9876	0.0019	0.5130	0.0079	0.1401
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8550	0.1450	0.7497	0.4694	0.5797
churn-bigml		0.9625	0.0375	0.9219	0.8396	0.2449
ci900367j_MACCS		0.3789	0.6211	0.2748	0.0000	0.5183
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.6628	0.4797	0.5224
cjs		0.1250	0.2917	0.0919	-0.0433	0.2536
ckd		0.3500	0.6500	0.2593	0.0000	0.5077
clave		0.0722	0.4639	0.1039	-0.2243	0.5192
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5306	0.3129	0.5115	0.2745	0.6867
cnae-9		0.1111	0.1975	0.0725	0.0000	0.2975
codon_usage		0.8250	0.0318	0.6439	0.7874	0.3176
coil20		0.0556	0.0944	0.0308	0.0053	0.2188
college		0.9221	0.0779	0.9055	0.8092	0.4196
collins		0.0200	0.1307	0.0267	-0.0529	0.1776
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2		0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3		0.5862	0.4138	0.5635	0.1256	0.9452
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.6552	0.3448	0.6546	0.3062	0.8683
colposcopies-c		0.8621	0.1379	0.8117	0.6234	0.6038
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.8387	0.1075	0.7914	0.7395	0.2576

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5151	0.4918	0.5961	0.0002	0.5259
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%		0.5115	0.4765	0.5271	0.0019	0.5610
connect-4		0.9876	0.0083	0.7483	0.6337	0.1054
cottonmeloidogyne		0.6971	0.3029	0.6983	0.3947	0.8198
coupon		0.4314	0.5686	0.3014	0.0000	0.5291
covid19		0.5501	0.1285	0.2230	0.1993	0.3987
covtype		0.9453	0.0156	0.9166	0.9121	0.1549
covtype10%		0.0725	0.2650	0.1061	-0.1612	0.4089
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.0699	0.9301	0.0653	0.0000	0.1756
crabs		0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans		0.9993	0.0007	0.8860	0.7497	0.0829
creditcard_trans10%		0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced		0.9060	0.0313	0.7964	0.8062	0.3268
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.2812	0.0359	0.1969	0.2647	0.1034
customer-churn		0.9840	0.0160	0.7609	0.4926	0.3903
cybersecurity		0.1733	0.2756	0.1734	0.0073	0.8805
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1044	0.1791	0.1047	0.0048	0.9237
day1%		0.9609	0.0440	0.9470	0.8811	0.2311
dbworld		0.4286	0.5714	0.3000	0.0000	0.5288
default		0.8260	0.1740	0.7114	0.3777	0.6162
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.1170	0.8830	0.1048	0.0000	0.2681
depressed		0.8252	0.1748	0.5711	0.0850	0.6422
dermatology		0.0541	0.3153	0.0741	-0.1059	0.3502
desharnais		0.6250	0.2500	0.4869	0.2258	0.4685
dexter		0.8667	0.1333	0.8675	0.7333	0.5139
df_final		0.6250	0.2500	0.6247	0.4419	0.4835
DIA		0.7500	0.2500	0.6593	0.3182	0.8034
diabetes		0.3846	0.6154	0.2778	0.0000	0.5200
diabetes-100k		0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk		0.9200	0.0800	0.8744	0.7469	0.4365
diabetic		0.5736	0.2842	0.4307	0.1680	0.6120
diabetic1%		0.2745	0.4837	0.2358	0.0301	0.6017
diabetic10%		0.5658	0.2895	0.4250	0.1451	0.6309
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7799	0.0880	0.7790	0.6879	0.3274
dishonest		0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9946	0.0076	0.5297	0.0495	0.4441
dorothea		0.9217	0.0783	0.7647	0.5285	0.5845
dota2		0.5723	0.4277	0.5693	0.1382	0.9518
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.9754	0.0246	0.9736	0.9473	0.1652
dropout		0.7291	0.1806	0.6404	0.5499	0.5243

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.2872	0.2036	0.1567	-0.0068	0.7487
drug-02		0.4043	0.1702	0.1962	0.1337	0.7459
drug-03		0.6223	0.1079	0.1832	0.1455	0.5535
drug-04		0.4415	0.1596	0.2153	0.1126	0.8282
drug-05		0.7074	0.0836	0.1515	0.0294	0.3862
drug-06		0.3404	0.1885	0.2669	0.2021	0.7196
drug-07		0.3564	0.1839	0.1434	-0.0089	0.6264
drug-08		0.4894	0.1459	0.2262	0.1618	0.7304
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.4894	0.1459	0.1815	0.1327	0.7365
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7606	0.0684	0.1423	0.0440	0.4696
drug-13		0.5372	0.1322	0.1604	0.1865	0.6144
drug-14		0.5532	0.1277	0.2898	0.2713	0.6751
drug-15		0.7287	0.0775	0.1653	0.1484	0.5106
drug-16		0.5426	0.1307	0.2545	0.2761	0.5462
drug-17		0.2819	0.2052	0.2153	0.0981	0.8214
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7287	0.0775	0.1754	0.1256	0.5786
drybean		0.9111	0.0254	0.9236	0.8925	0.1437
ecoli		0.8529	0.0368	0.5426	0.7969	0.1316
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.2706	0.0268	0.8291
eeg		0.4124	0.0735	0.4168	0.3510	0.7029
eeg-eye		0.8364	0.1636	0.8344	0.6685	0.5917
eeg10%		0.3130	0.0859	0.3142	0.2434	0.7381
email_phishing		0.9886	0.0114	0.7160	0.2712	0.1522
eucalyptus		0.3014	0.2795	0.2257	0.1376	0.4661
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.9649	0.0351	0.9648	0.9297	0.2050
exon.vs.intron-freq10%		0.4731	0.5269	0.3212	0.0000	0.5305
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.8382	0.1618	0.8373	0.6737	0.5841
fbis-wc		0.6829	0.0373	0.5803	0.6401	0.2744
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.9200	0.0267	0.8827	0.8747	0.1604
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.1000	0.2250	0.1042	-0.0315	0.3270
fonts		0.6018	0.0052	0.5936	0.5996	0.3239
fonts10%		0.6131	0.0051	0.3221	0.5958	0.4999
forest		0.8462	0.0769	0.8244	0.7878	0.2282
gas		0.9792	0.0069	0.9789	0.9747	0.0485
gastrointestinal		0.1875	0.5417	0.1429	-0.0505	0.5033
gender		0.6000	0.2667	0.4383	0.1562	0.6291
gene		0.9432	0.0379	0.9349	0.9089	0.1653
german		0.3500	0.6500	0.2593	0.0000	0.5077
gestures		0.8134	0.0933	0.8144	0.7511	0.3337
gina		0.5101	0.4899	0.3378	0.0000	0.5269
gisette		0.9471	0.0529	0.9472	0.8943	0.2763
glass		0.7619	0.0794	0.7176	0.6656	0.2136
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.8750	0.1250	0.8730	0.7143	0.4644
glioma		0.6000	0.2000	0.5556	0.4737	0.1226
glioma-grade		0.4167	0.5833	0.2941	0.0000	0.5271
green		0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage		0.1333	0.4333	0.1058	-0.1272	0.7671
gsalc		0.7778	0.0741	0.7358	0.7313	0.1003
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9296	0.0117	0.7595	0.9167	0.0821
har		0.9725	0.0110	0.9706	0.9652	0.0682
har70		0.9256	0.0213	0.6429	0.8894	0.2427
har701%		0.8987	0.0290	0.5400	0.8502	0.1899
har7010%		0.9183	0.0234	0.6065	0.8781	0.2144
harth		0.8833	0.0195	0.6505	0.8413	0.2337
harth1%		0.8523	0.0246	0.5467	0.7986	0.2684
harth10%		0.8688	0.0219	0.6032	0.8214	0.2541
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.5882	0.4118	0.3704	0.0000	0.5049
health-activity		0.7000	0.1500	0.2083	-0.0395	0.6664
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.8387	0.1613	0.8466	0.6804	0.5410
heart-c		0.4667	0.5333	0.3182	0.0000	0.5307
heart-failure		0.9760	0.0240	0.9720	0.9437	0.1466
heart-quantum		0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.8461	0.1550	0.8447	0.6928	0.5748
hepmass1%		0.8439	0.1561	0.8446	0.6879	0.5697
hepmass10%		0.8567	0.1433	0.8572	0.7136	0.5415
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.6523	0.3451	0.6569	0.3188	0.8815
higgs0.1%		0.6618	0.3382	0.6598	0.3194	0.8677
higgs1%		0.6824	0.3176	0.6810	0.3621	0.8438
higgs10%		0.7059	0.2941	0.7046	0.4091	0.8141
higher		0.2143	0.1964	0.2500	0.0610	0.3621
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.1703	0.8297	0.1455	0.0000	0.3518
hiva		0.9598	0.0402	0.4897	-0.0084	0.4680
horse		0.3333	0.4444	0.3132	0.1184	0.4970
hotel-reservartions		0.8933	0.1067	0.8777	0.7548	0.4721
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.9994	0.0004	0.9994	0.9991	0.0036
ht-sensor10%		0.9961	0.0026	0.9963	0.9942	0.0180
htru2		0.9793	0.0207	0.9359	0.8705	0.2253
hypothyroid		0.0000	0.5000	0.0000	-0.0581	0.1928
hypothyroidT		0.0769	0.9231	0.0714	0.0000	0.1906
ilpd		0.6271	0.3729	0.5455	0.0910	0.9108
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.4400	0.5600	0.3056	0.0000	0.5299
isolet		0.8074	0.0148	0.8138	0.7997	0.1644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8163	0.1837	0.6373	0.2179	0.6599
jvowels		0.8976	0.0228	0.8937	0.8840	0.1622
kc1		0.8578	0.1422	0.6618	0.2066	0.4924
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.5714	0.0357	0.0784	0.3538	0.0938
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.5686	0.1079	0.5012	0.4962	0.5031
kddcup98		0.9468	0.0508	0.5279	0.0026	0.2171
kddcup981%		0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9998	0.0000	0.7110	0.9996	0.0034
kddcup991%		0.9978	0.0002	0.4635	0.9962	0.0216
kddcup9910%		0.9996	0.0000	0.6468	0.9993	0.0017
kepler		0.8713	0.0858	0.8256	0.7873	0.2305
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.3750	0.6250	0.2727	0.0000	0.5170
krkopt		0.8064	0.0215	0.8360	0.7837	0.2361
krvskp		0.4765	0.5235	0.3227	0.0000	0.5304
la1s-wc		0.7619	0.0794	0.7330	0.6970	0.3645
la2s-wc		0.7616	0.0795	0.7380	0.6984	0.3440
labor		0.6667	0.3333	0.4000	0.0000	0.4644
leaf		0.7059	0.0147	0.3821	0.6909	0.0648
led24		0.0500	0.1900	0.0333	-0.0526	0.3558
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8880	0.0086	0.8879	0.8835	0.1307
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.4286	0.5714	0.3000	0.0000	0.5288
libra		0.8889	0.0148	0.9106	0.8806	0.0504
linkage		0.9998	0.0002	0.9895	0.9787	0.0040
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9999	0.0001	0.9916	0.9831	0.0217
liver		0.5882	0.4118	0.5514	0.1019	0.9203
loan		0.9859	0.0141	0.9850	0.9700	0.0987
localization		0.7341	0.0483	0.5146	0.6647	0.4931
localization10%		0.0649	0.1700	0.1078	0.0095	0.5032
lrs		0.7925	0.0415	0.4123	0.7131	0.1604
lung		0.9524	0.0190	0.7652	0.9091	0.0221
lung_discrete		0.1250	0.2500	0.0571	-0.0370	0.1843
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		0.8500	0.0600	0.8438	0.7087	0.2985
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.0000	0.5000	0.0000	-0.2174	0.3899
lymphoma2		0.2222	0.1728	0.1481	0.1250	0.1484
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.7846	0.2154	0.7868	0.5692	0.6791
magic04		0.8611	0.1389	0.8450	0.6872	0.5403
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.5312	0.4688	0.3469	0.0000	0.5228
marketing		0.8750	0.1250	0.7057	0.3777	0.5980
maternal		0.7822	0.1452	0.7877	0.6697	0.4401
math		0.8250	0.0875	0.7817	0.7371	0.2882
mba		0.8323	0.1118	0.3922	0.1189	0.3512
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.2400	0.3040	0.2406	0.0496	0.8440

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6000	0.4000	0.6214	0.2255	0.8659
meter-A			1.0000	0.0000	1.0000	1.0000	0.0000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8333	0.0833	0.7875	0.7702	0.2056
meter-D			0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac			0.8950	0.0210	0.8980	0.8833	0.1169
mfeat-fou			0.7650	0.0470	0.7630	0.7389	0.2101
mfeat-kar			0.8100	0.0380	0.8121	0.7889	0.2083
mfeat-mor			0.7050	0.0590	0.7021	0.6722	0.2108
mfeat-pix			0.0900	0.1820	0.0590	-0.0111	0.3393
mfeat-zer			0.7300	0.0540	0.7298	0.7000	0.2284
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5882	0.1647	0.5671	0.4820	0.4258
mobile			0.6783	0.0115	0.6857	0.6725	0.1484
monks-1			1.0000	0.0000	1.0000	1.0000	0.0000
monks-2			0.8852	0.1148	0.8770	0.7240	0.2925
monks-3			0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.5178	0.4822	0.3412	0.0000	0.5256
music			0.4500	0.1000	0.4939	0.3468	0.6003
musk			0.9621	0.0379	0.9262	0.8521	0.3001
MUT_ci300400a_cdk_ECFP2			0.7782	0.2218	0.7722	0.5444	0.7097
MUT_ci300400a_cdk_ECFP4			0.7749	0.2251	0.7673	0.5342	0.7153
MUT_ci300400a_cdk_ECFP6			0.7413	0.2587	0.7305	0.4574	0.7626
MUT_ci300400a_cdk_ESTATE			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED			0.8094	0.1906	0.8036	0.6072	0.6528
MUT_ci300400a_cdk_FCFP2			0.7952	0.2048	0.7885	0.5768	0.6793
MUT_ci300400a_cdk_FCFP4			0.7662	0.2338	0.7590	0.5178	0.7301
MUT_ci300400a_cdk_FCFP6			0.7662	0.2338	0.7568	0.5106	0.7237
MUT_ci300400a_cdk_MACCS			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM			0.8287	0.1713	0.8237	0.6473	0.6137
MUT_ci300400a_cdk_STANDARD			0.7784	0.2216	0.7709	0.5414	0.7090
MUT_ci300400a_rdkit_descriptors			0.5739	0.4261	0.3646	0.0000	0.5103
myocardial			0.0471	0.2382	0.2701	0.0343	0.1630
naticusdroid			0.5012	0.4988	0.3339	0.0000	0.5282
NCI60			0.3333	0.2222	0.2857	0.2000	0.2350
nci9			0.0000	0.2222	0.0000	-0.1613	0.2241
ncRNA			0.9493	0.0053	0.7561	0.8651	0.5042
ncRNA1%			0.9017	0.0103	0.4500	0.7316	0.5494
ncRNA10%			0.9259	0.0078	0.6312	0.8007	0.6352
neo			0.9136	0.0864	0.6851	0.2424	0.3880
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc			0.7279	0.0124	0.7245	0.7190	0.2195
newspop			0.6440	0.3560	0.6418	0.2834	0.8871
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9533	0.0467	0.9427	0.8854	0.2847
NPHA-doctor-visits			0.4444	0.3704	0.3545	-0.0304	0.7039
nursery			0.3117	0.2753	0.1308	0.1307	0.1328
obesity			0.9289	0.0203	0.9294	0.9169	0.0931
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9942	0.0058	0.9919	0.9837	0.0754
Occupancy_Estimation			0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc			0.0693	0.1861	0.0754	-0.0454	0.3188
oh10-wc			0.1238	0.1752	0.0985	0.0190	0.4388
oh15-wc			0.1304	0.1739	0.0923	0.0389	0.3735
oh5-wc			0.0879	0.1824	0.0984	-0.0085	0.4257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.7025	0.0595	0.6861	0.6673	0.3873
olive		0.9298	0.0156	0.9215	0.9118	0.0463
opn310k		0.9132	0.0868	0.6922	0.3687	0.6050
opn310k10%		0.9056	0.0944	0.6415	0.2619	0.6343
opnat310k-hg16-17		0.9126	0.0874	0.6883	0.3595	0.6052
optdigits		0.0925	0.1815	0.0589	-0.0102	0.3471
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.7500	0.0125	0.7105	0.7436	0.0438
orlraws10P		0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr		0.8972	0.1028	0.5444	0.0828	0.6928
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants		0.9952	0.0048	0.6856	0.3457	0.4550
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9762	0.0095	0.8799	0.8698	0.3370
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.9242	0.0758	0.9192	0.8381	0.3654
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.9096	0.0904	0.8886	0.7771	0.4515
particle10%		0.8938	0.1062	0.8677	0.7354	0.4948
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.6277	0.1763	0.4947
pcmac		0.5464	0.4536	0.3533	-0.0712	0.8005
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.7826	0.5636	0.6400
pediatric-leukemia		0.1176	0.2521	0.0440	-0.0980	0.4356
pendigits		0.9700	0.0060	0.9694	0.9666	0.0513
period		0.7778	0.2222	0.7500	0.5000	0.7296
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.7843	0.2157	0.7643	0.5180	0.6819
personalities		0.6592	0.0426	0.6595	0.6364	0.4366
pet-adoption		0.9450	0.0550	0.9376	0.8722	0.2569
phishing		0.3918	0.6082	0.2815	0.0000	0.5219
PhiUSIIL		0.9997	0.0003	0.9997	0.9995	0.0027
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc		0.9996	0.0001	0.9996	0.9995	0.0014
phone-acc0.1%		0.2037	0.2275	0.1701	0.0719	0.3339
phone-acc1%		0.1538	0.2418	0.1146	0.0127	0.2694
phone-acc10%		0.9955	0.0013	0.9952	0.9947	0.0105
phone-gyr		0.9989	0.0003	0.9988	0.9988	0.0028
phone-gyr0.1%		0.1795	0.2344	0.1492	0.0437	0.3186
phone-gyr1%		0.1558	0.2412	0.1216	0.0161	0.2718
phone-gyr10%		0.9886	0.0032	0.9873	0.9867	0.0189
phoneme		0.8889	0.1111	0.8683	0.7348	0.5120
phy		0.4972	0.5028	0.3321	0.0000	0.5287
pima		0.7500	0.2500	0.7346	0.4676	0.7578
pirvision		0.9935	0.0044	0.9885	0.9792	0.0396
placement		0.7650	0.2350	0.7568	0.5124	0.7295
plant-growth		0.6842	0.3158	0.6841	0.3596	0.8222
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.6791	0.0642	0.2553	0.4027	0.3328
poker1%		0.2878	0.1424	0.0809	0.0053	0.4689
poker10%		0.2396	0.1521	0.0714	-0.0562	0.6381
polish-1st		0.9815	0.0185	0.8619	0.7141	0.3055
polish-2nd		0.9715	0.0285	0.7707	0.4421	0.1949
polish-3rd		0.9486	0.0514	0.6512	0.2832	0.5766

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9643	0.0357	0.8000	0.5886	0.4375
polish-5th			0.9526	0.0474	0.8007	0.5967	0.4868
polya			0.7470	0.2530	0.7183	0.4344	0.7711
popularity			0.6474	0.2351	0.4350	0.2156	0.6035
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9790	0.0084	0.9788	0.9737	0.0550
pred-tox_mutagen_ref-desc			0.6618	0.3382	0.6635	0.3235	0.8580
prestige			0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor			0.0606	0.0854	0.0364	0.0340	0.2535
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.4000	0.6000	0.2857	0.0000	0.5239
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9848	0.0061	0.9723	0.9796	0.0470
puc-rio10%			0.9680	0.0128	0.9395	0.9571	0.0771
pufs-128			0.4936	0.4980	0.4964	-0.0016	1.0000
pufs-1281%			0.4967	0.5033	0.4966	-0.0067	0.9981
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.5005	0.0010	0.9886
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9832	0.0168	0.9484	0.8941	0.1404
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
rcv1			0.2297	0.0233	0.0166	0.0126	0.3127
rcv11%			0.6202	0.0144	0.2952	0.5706	0.3746
rcv110%			0.7513	0.0094	0.4345	0.7140	0.3528
re0-wc			0.7600	0.0369	0.6692	0.6865	0.3255
re1-wc			0.7831	0.0173	0.6688	0.7535	0.1938
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8313	0.0052	0.4019	0.7695	0.2685
rice			0.9879	0.0121	0.9878	0.9755	0.0839
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.9977	0.0004	0.9676	0.9943	0.0099
satimage			0.8709	0.0430	0.8478	0.8403	0.1907
satimageF			0.9876	0.0124	0.9679	0.9359	0.1750
satimageT			0.9331	0.0669	0.7966	0.5837	0.4942
scadi			0.0000	0.2857	0.0000	-0.1667	0.3455
schiller			0.7778	0.2222	0.8000	0.5263	0.5283
schizo			0.4706	0.5294	0.4704	-0.0588	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9038	0.0962	0.5799	0.1595	0.6726
secondary_mushroom			0.9997	0.0003	0.9997	0.9993	0.0042
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9567	0.0124	0.9615	0.9494	0.0550
segmentation			0.8366	0.1634	0.8266	0.6515	0.6063
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.0659	0.9341	0.0618	0.0000	0.1669
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8552	0.1455	0.5682	0.1164	0.6827
sens-2-gram			0.8737	0.1263	0.6333	0.1180	0.4289
sens-3-gram			0.8763	0.1237	0.6772	0.0998	0.2600
sens-4-gram			0.8684	0.1316	0.6127	0.1503	0.5774
sens-5-gram			0.8579	0.1421	0.5509	0.0587	0.6232
sens-6-gram			0.8436	0.1504	0.5915	0.1507	0.7244

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8227	0.1781	0.5681	0.1323	0.7649
sens-8-gram			0.8373	0.1623	0.5845	0.1450	0.7430
sens-9-gram			0.8862	0.1179	0.6669	0.2263	0.4622
sensorless			0.9889	0.0020	0.9889	0.9878	0.0208
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.1541	0.8459	0.1335	0.0000	0.3285
shuttle			0.9993	0.0002	0.9996	0.9981	0.0013
sick			0.9867	0.0133	0.9442	0.8819	0.0504
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9988	0.0012	0.9981	0.9963	0.0160
skin10%			0.9951	0.0049	0.9926	0.9851	0.0581
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2200	0.3900	0.2223	-0.0439	0.8449
smk_can_187			0.5789	0.4211	0.5843	0.1648	0.9308
smoking			0.7477	0.2523	0.7302	0.4603	0.7668
soil_pollution			0.2433	0.3027	0.2450	0.0543	0.8440
solar-flare			0.0432	0.3189	0.0776	-0.1549	0.4313
sonar			0.6500	0.3500	0.6508	0.3000	0.8761
soybean			0.1176	0.0929	0.0506	0.0290	0.2073
spam-detection			0.9560	0.0440	0.8671	0.7340	0.4392
spambase			0.6043	0.3957	0.3767	0.0000	0.4981
spect			0.2222	0.7778	0.1818	0.0000	0.4150
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.5849	0.0173	0.2788	0.5620	0.0980
splice-EI			0.9653	0.0347	0.9547	0.9092	0.2535
splice-IE			0.9338	0.0662	0.9079	0.8158	0.3854
sport-articles			0.7700	0.2300	0.7548	0.5094	0.7316
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.2160	0.5226	0.2061	-0.0354	0.3810
steel-b			0.8154	0.1846	0.7220	0.4441	0.7196
steel-d			0.9692	0.0308	0.7421	0.4841	0.5554
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.8051	0.1949	0.7828	0.5650	0.6754
steel-p			0.9333	0.0667	0.7373	0.4474	0.5093
steel-s			0.9949	0.0051	0.9665	0.9307	0.0228
steel-z			0.9949	0.0051	0.9853	0.9701	0.0240
stellar			0.9725	0.0183	0.9685	0.9512	0.1076
stock			0.9514	0.0486	0.9192	0.8381	0.3617
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9980	0.0020	0.9980	0.9960	0.0165
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.8272	0.1728	0.8206	0.6381	0.6057
student-habits			0.3100	0.2760	0.2583	0.0276	0.7891
student-weekend			0.1692	0.3323	0.1833	0.0193	0.6955
student-workday			0.0625	0.3750	0.0242	-0.1182	0.5024
studentap			0.1538	0.5641	0.0889	-0.1172	0.5905
susy			0.7948	0.2052	0.7936	0.5821	0.6603
susy1%			0.7848	0.2152	0.7836	0.5613	0.6764
susy10%			0.7904	0.2096	0.7891	0.5732	0.6687
swarm_aligned			0.9996	0.0004	0.9995	0.9990	0.0035
swarm_flocking			0.9963	0.0037	0.9963	0.9925	0.0320
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn			0.8750	0.1250	0.8355	0.6694	0.5462
texture			0.9382	0.0112	0.9412	0.9318	0.0760

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.1489	0.8511	0.1296	0.0000	0.3207
thrombin			0.9686	0.0314	0.4920	-0.0142	0.5981
Thyroid_Diff			0.2895	0.7105	0.2245	0.0000	0.4738
tic-tac-toe			0.9368	0.0632	0.9293	0.8586	0.3353
tis			0.8960	0.1040	0.8553	0.7070	0.4816
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.6773	0.3227	0.4038	0.0000	0.4575
tourist			0.1250	0.2917	0.1667	0.0000	0.3084
tox_171			0.5294	0.2353	0.5596	0.3790	0.3755
toxicity			0.7059	0.2941	0.6540	0.2735	0.7752
toxicity-13f			0.8235	0.1765	0.8163	0.6277	0.6246
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.5779	0.1519	0.8533
trec11-wc			0.0244	0.2168	0.0159	-0.0992	0.3462
trec12-wc			0.1613	0.2097	0.0896	0.0473	0.2943
trec21-wc			0.0000	0.3333	0.0000	-0.0421	0.3113
trec23-wc			0.0952	0.3016	0.1333	-0.0726	0.1988
trec31-wc			0.9140	0.0246	0.7947	0.8861	0.1285
trec41-wc			0.9205	0.0159	0.7578	0.9028	0.0915
trec45-wc			0.9130	0.0174	0.8297	0.8984	0.0735
tuandromd			0.2018	0.7982	0.1679	0.0000	0.3921
turkish			0.7000	0.1500	0.6937	0.6000	0.3974
tvnews			0.9257	0.0743	0.9194	0.8376	0.3490
tvnews1%			0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9782	0.0218	0.7936	0.5202	0.2184
ur3_cobotops_stop			0.9660	0.0340	0.6938	0.3441	0.4660
urban			0.7910	0.0464	0.7987	0.7547	0.1750
urinalysis			0.9510	0.0490	0.7039	0.3436	0.4349
url-rep1%			0.9653	0.0423	0.9359	0.9189	0.2552
ustilago			0.9758	0.0253	0.5432	0.0876	0.4721
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.6905	0.1548	0.6757	0.5883	0.3032
vehicleVAN			0.9762	0.0238	0.9701	0.9385	0.2027
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowel			0.4040	0.1084	0.4208	0.3444	0.3779
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9025	0.0975	0.6708	0.3362	0.6522
wap-wc			0.7051	0.0295	0.5431	0.6699	0.2079
warpar10p			0.7692	0.0462	0.6160	0.7400	0.0585
warppie10p			0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc			0.9998	0.0001	0.9998	0.9998	0.0008
watch-acc1%			0.1858	0.2326	0.1114	0.0412	0.2603
watch-acc10%			0.9984	0.0005	0.9984	0.9981	0.0049
watch-gyr			0.9998	0.0001	0.9997	0.9997	0.0009
watch-gyr1%			0.1672	0.2379	0.1058	0.0235	0.2618
watch-gyr10%			0.9986	0.0004	0.9985	0.9983	0.0044
water_pollution			0.2100	0.3950	0.2097	-0.0535	0.8887
waveform			0.7500	0.1667	0.7501	0.6251	0.4961
weather-related			0.9731	0.0049	0.9730	0.9695	0.0427
web-phishing			0.8370	0.1086	0.7908	0.7114	0.4301
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9916	0.0034	0.9911	0.9894	0.0260
white-clover			0.3333	0.3333	0.1667	0.1429	0.1703
wifi-loc			0.9750	0.0125	0.9750	0.9667	0.0511

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9814	0.0186	0.8995	0.7987	0.3434
wine			0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red			0.5975	0.1342	0.2993	0.3580	0.5168
winequality-white			0.5624	0.1250	0.3192	0.3434	0.5626
winnipeg			0.9908	0.0026	0.9891	0.9884	0.0289
winnipeg10%			0.9819	0.0052	0.9803	0.9771	0.0422
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.6875	0.0417	0.5714	0.6639	0.0687
yeast			0.5743	0.0851	0.5224	0.4589	0.4595
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1			0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.8914	0.0217	0.8817	0.8782	0.1605

Table 19: Detailed results for C5.0(R2)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1759	0.0785	0.1128	0.0929	0.5483
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9837	0.0163	0.6887	0.2915	0.3455
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9848	0.0152	0.9679	0.9338	0.0600
adult		0.8679	0.1321	0.8081	0.6112	0.5720
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8889	0.1111	0.7333	0.3010	0.2451
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7000	0.3000	0.6098	0.2105	0.8520
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.9108	0.0892	0.8750	0.7321	0.3404
air_pollution		0.3800	0.1771	0.1754	0.0225	0.6525
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.9048	0.0381	0.7961	0.7897	0.1746
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.9535	0.0465	0.9489	0.8970	0.2464
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9861	0.0070	0.9509	0.9734	0.0355
anuran-genus		0.9833	0.0042	0.9488	0.9726	0.0820
anuran-species		0.9861	0.0028	0.9770	0.9807	0.0238
anxiety		0.1167	0.1963	0.1072	0.0052	0.8221
apple-quality		0.8900	0.1100	0.8902	0.7800	0.4586
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.8000	0.0400	0.6919	0.6908	0.2352
auction		0.9951	0.0049	0.9889	0.9776	0.0238
audiology		0.9545	0.0083	0.9658	0.9472	0.0278
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0400	0.9064	0.8667	0.0861
avila		0.9986	0.0002	0.9965	0.9981	0.0074
babies		0.4597	0.1544	0.1533	0.1484	0.4133
balance		0.8710	0.0860	0.6106	0.7627	0.3092
bank		0.1126	0.8874	0.1012	0.0000	0.2603
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8940	0.1060	0.8841	0.7673	0.4565
basehock		0.9397	0.0603	0.9401	0.8794	0.2991
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9952	0.0048	0.8502	0.6933	0.3223
biodeg		0.9048	0.0952	0.8990	0.7981	0.4308
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9865	0.0024	0.2066	0.1604	0.2012
body-perf		0.7634	0.1183	0.7659	0.6846	0.3709
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7914	0.6733	0.1625
bridges		0.8000	0.0667	0.6525	0.6970	0.0841
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9943	0.0029	0.9788	0.9876	0.0082
car-insurance		0.8520	0.1480	0.8265	0.6528	0.5896
card		0.9130	0.0870	0.9108	0.8216	0.3987
cardiotocography		0.8732	0.0254	0.8755	0.8485	0.1621
cardiotocography-nsp		0.9577	0.0282	0.9141	0.8799	0.1413
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.9000	0.0667	0.8835	0.8210	0.2076
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.7400	0.2600	0.7376	0.4738	0.7636
cas_N6512_RDkit_AtomPair_FP		0.7669	0.2331	0.7649	0.5283	0.7206
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7938	0.2062	0.7930	0.5858	0.6768
cas_N6512_rdkit_FEATMORGAN		0.7650	0.2350	0.7634	0.5267	0.7274
cas_N6512_RDkit_Featmorgan_FP		0.7699	0.2301	0.7681	0.5341	0.7138
cas_N6512_RDkit_FP		0.7868	0.2132	0.7852	0.5702	0.6894
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7942	0.2058	0.7930	0.5819	0.6640
cas_N6512_RDkit_MACCS_FP		0.7837	0.2163	0.7826	0.5652	0.6952
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.7987	0.5967	0.6575
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9995	0.0005	0.8653	0.7270	0.3167
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8610	0.1390	0.7615	0.4935	0.5601
churn-bigml		0.9700	0.0300	0.9383	0.8687	0.1010
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.4812	0.4085	0.4137
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8398	0.0801	0.7193	0.7474	0.3298
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5850	0.2766	0.5641	0.3448	0.6536
cnae-9		0.9444	0.0123	0.9478	0.9375	0.0604
codon_usage		0.9263	0.0134	0.7924	0.9103	0.1085
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9236	0.8433	0.3725
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7241	0.2759	0.6821	0.3591	0.8058
colposcopies-2		0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5		0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6		0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c		0.8276	0.1724	0.7539	0.5051	0.6759
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8387	0.1075	0.7914	0.7395	0.2576
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7500	0.2500	0.7530	0.5006	0.7349
coupon		0.7429	0.2571	0.7353	0.4670	0.7578

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.9052	0.0271	0.8276	0.8464	0.2274
covtypeCD		0.9930	0.0070	0.9853	0.9705	0.0982
covtypeT		0.9878	0.0122	0.9528	0.9056	0.2178
crabs		0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced		0.9502	0.0166	0.8771	0.8978	0.1850
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.6250	0.0187	0.4737	0.6145	0.0416
customer-churn		0.9840	0.0160	0.7609	0.4926	0.3903
cybersecurity		0.1833	0.2722	0.1747	0.0178	0.8610
cyclopentane		0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands		0.8519	0.1481	0.8485	0.6971	0.5615
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8260	0.1740	0.7114	0.3777	0.6162
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9098	0.0902	0.7559	0.5011	0.5662
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.3667	0.0588	0.6762
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6250	0.2500	0.6247	0.4419	0.4835
DIA		0.8333	0.1667	0.7575	0.4872	0.5975
diabetes		0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5686	0.2876	0.3682	0.1461	0.5613
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7894	0.0842	0.7939	0.7020	0.3101
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.7083	0.2917	0.7010	0.3538	0.7076
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5379	0.4621	0.5295	0.0550	0.9566
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7720	0.1520	0.6910	0.6204	0.4532
drug-01		0.3511	0.1854	0.1748	0.0309	0.5914
drug-02		0.5213	0.1368	0.2368	0.0685	0.4355
drug-03		0.6809	0.0912	0.2264	0.2080	0.5772
drug-04		0.4415	0.1596	0.2153	0.1126	0.8282
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3883	0.1748	0.2820	0.2505	0.6760
drug-07		0.3936	0.1733	0.1449	-0.0017	0.4500
drug-08		0.5532	0.1277	0.1495	0.0691	0.3866
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5638	0.1246	0.2199	0.1678	0.4677

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7819	0.0623	0.1254	-0.0138	0.2921
drug-13		0.5904	0.1170	0.1411	0.0734	0.2944
drug-14		0.5691	0.1231	0.2738	0.2898	0.6094
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5426	0.1307	0.2545	0.2761	0.5462
drug-17		0.2979	0.2006	0.1876	0.0711	0.7975
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9251	0.0214	0.9405	0.9095	0.1228
ecoli		0.8529	0.0490	0.7121	0.7957	0.1665
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.2704	0.0265	0.8469
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.9279	0.0721	0.9271	0.8542	0.3471
eeg10%		0.4095	0.0738	0.4037	0.3468	0.6098
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6438	0.1425	0.6119	0.5420	0.4157
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9637	0.0363	0.9637	0.9270	0.2037
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.8008	0.0234	0.7279	0.7724	0.1241
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9038	0.0481	0.8926	0.8672	0.1099
gas		0.9950	0.0017	0.9952	0.9939	0.0125
gastrointestinal		0.9375	0.0417	0.9513	0.9006	0.1278
gender		0.6063	0.2625	0.5040	0.1240	0.4852
gene		0.9432	0.0379	0.9376	0.9091	0.1800
german		0.7200	0.2800	0.6759	0.3412	0.8016
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9539	0.0461	0.9540	0.9078	0.2489
glass		0.7143	0.0952	0.7012	0.6062	0.2009
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP		0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers		0.9091	0.0909	0.7250	0.4500	0.6330
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.9000	0.1000	0.9010	0.7826	0.4011
grub-damage		0.2667	0.3667	0.2096	-0.0123	0.5458
gsalc		0.6667	0.1111	0.6933	0.6029	0.1505
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har		0.9980	0.0008	0.9979	0.9974	0.0058
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.9235	0.0219	0.5757	0.8864	0.1289
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.8709	0.0215	0.6007	0.8238	0.2215
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.7647	0.2353	0.7571	0.5143	0.7332
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack		0.9032	0.0968	0.9038	0.8058	0.4189
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.9880	0.0120	0.9861	0.9720	0.0782
heart-quantum		0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8537	0.1463	0.8537	0.7074	0.5519
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6764	0.3236	0.6740	0.3461	0.8479
higgs1%		0.7177	0.2823	0.7169	0.4338	0.7978
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.1429	0.2143	0.0951	-0.0307	0.3902
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9191	0.0809	0.8517	0.7019	0.4790
hiva		0.9574	0.0426	0.5545	0.0838	0.5641
horse		0.6944	0.2037	0.6984	0.4923	0.5159
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9995	0.0004	0.9995	0.9992	0.0032
htru2		0.9788	0.0212	0.9347	0.8689	0.2505
hypothyroid		0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT		0.9973	0.0027	0.9906	0.9810	0.0136
ilpd		0.7288	0.2712	0.6188	0.1986	0.7697
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9063	0.0072	0.9120	0.9025	0.0739
jm1		0.8062	0.1938	0.6233	0.2144	0.7234
jvowels		0.9799	0.0045	0.9796	0.9772	0.0342
kc1		0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.5782	0.1357	0.7892
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.0020	0.1535	0.0003	0.0000	0.2182
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kepler		0.8860	0.0760	0.8457	0.8123	0.2192
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.9041	0.0107	0.9050	0.8929	0.1350
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.4706	0.0265	0.2686	0.4511	0.0741
led24		0.6500	0.0700	0.6316	0.6067	0.1578
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9560	0.0034	0.9561	0.9542	0.0505
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8333	0.0222	0.8449	0.8212	0.0534
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6471	0.3529	0.5968	0.1937	0.8945
loan		0.9930	0.0070	0.9926	0.9850	0.0419
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.6826	0.0577	0.4415	0.5959	0.5111
lrs		0.8679	0.0377	0.8209	0.8158	0.1169
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		0.7500	0.1000	0.6650	0.6800	0.1214
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0952	0.5959	0.7255	0.2275
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.8346	0.1654	0.8363	0.6692	0.5824
magic04		0.8743	0.1257	0.8600	0.7177	0.5078
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8430	0.6859	0.5749
marketing		0.8929	0.1071	0.7531	0.4666	0.5083
maternal		0.8020	0.1320	0.8067	0.6984	0.4044
math		0.8000	0.1000	0.7362	0.6958	0.3229
mba		0.8355	0.1097	0.3901	0.0932	0.3222
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2233	0.3107	0.2261	0.0276	0.8529
messidor		0.6087	0.3913	0.6287	0.2406	0.8617
meter-A		0.7500	0.2500	0.7333	0.4667	0.7630
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.9600	0.0080	0.9615	0.9556	0.0472
mfeat-fou		0.7750	0.0450	0.7740	0.7500	0.1831
mfeat-kar		0.9650	0.0070	0.9667	0.9611	0.0441
mfeat-mor		0.7400	0.0520	0.7486	0.7111	0.1729
mfeat-pix		0.9550	0.0090	0.9557	0.9500	0.0541
mfeat-zer		0.7800	0.0440	0.7818	0.7556	0.1415
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5882	0.1647	0.5726	0.4843	0.4202
mobile		0.8811	0.0042	0.8919	0.8790	0.0529
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.5050	0.0900	0.5401	0.4141	0.5285
musk		0.9848	0.0152	0.9707	0.9396	0.0605
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7674	0.2326	0.7589	0.5169	0.7266
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.8201	0.1799	0.8145	0.6290	0.6310
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.8347	0.1653	0.8290	0.6569	0.5967
MUT_ci300400a_rdkit_descriptors		0.8609	0.1391	0.8580	0.7159	0.5403
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9744	0.0256	0.9744	0.9489	0.1607
NCI60		0.3333	0.2222	0.3333	0.2000	0.2322
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.9140	0.0091	0.5432	0.7601	0.5372
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9149	0.0851	0.6931	0.2540	0.3688
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6695	0.3305	0.6668	0.3318	0.8561
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9701	0.0299	0.9633	0.9266	0.2042
NPHA-doctor-visits		0.4444	0.3704	0.3567	-0.0526	0.6389
nursery		1.0000	0.0000	1.0000	1.0000	0.0000
obesity		0.9716	0.0081	0.9720	0.9668	0.0464
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9942	0.0058	0.9919	0.9837	0.0754
Occupancy_Estimation		0.9941	0.0030	0.9784	0.9819	0.0130
oh0-wc		0.8911	0.0218	0.9050	0.8753	0.1013
oh10-wc		0.7905	0.0419	0.7943	0.7614	0.1868
oh15-wc		0.8478	0.0304	0.8505	0.8274	0.1485
oh5-wc		0.8132	0.0374	0.8289	0.7883	0.1407
olive		0.9474	0.0117	0.9451	0.9339	0.0357
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9275	0.0725	0.7315	0.4299	0.5091
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9573	0.0085	0.9593	0.9525	0.0591
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9328	0.0672	0.6875	0.2946	0.4475
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8608	0.1392	0.8421	0.6818	0.5469
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8889	0.1111	0.8884	0.7769	0.4642
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9744	0.0102	0.9088	0.8560	0.2060
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.9431	0.0569	0.9394	0.8780	0.2876

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons-small			1.0000	0.0000	1.0000	1.0000	0.0000
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.9354	0.0646	0.9203	0.8405	0.3622
pasture			0.7500	0.1667	0.5714	0.6000	0.1321
pc1			0.9189	0.0811	0.5907	0.1483	0.6102
pcmac			0.5464	0.4536	0.3533	-0.0712	0.8005
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia			0.8235	0.0504	0.8543	0.7839	0.1446
pendigits			0.9918	0.0016	0.9918	0.9909	0.0143
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5791	0.1429	0.8628
persistency			0.8222	0.1778	0.8077	0.6133	0.6283
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9400	0.0600	0.9319	0.8600	0.2695
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.9112	0.0254	0.9055	0.8962	0.1041
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.9253	0.0213	0.9185	0.9127	0.0948
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9148	0.0852	0.8944	0.7886	0.4268
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7105	0.2895	0.6874	0.3489	0.7670
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.7960	0.2040	0.7888	0.5751	0.6709
plant-growth			0.7368	0.2632	0.7449	0.4633	0.6993
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4839	0.1475	0.1420	0.0326	0.3731
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.6422	0.2148	0.4566
polish-2nd			0.9695	0.0305	0.7486	0.4036	0.2676
polish-3rd			0.9495	0.0505	0.5401	0.0279	0.4040
polish-4th			0.9612	0.0388	0.7652	0.4562	0.2977
polish-5th			0.9577	0.0423	0.8105	0.5830	0.3206
polya			0.7870	0.2130	0.7661	0.5319	0.7068
popularity			0.6840	0.2107	0.4345	0.2718	0.4534
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6768	0.3529	0.8487
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.4242	0.0886	0.3314	0.3563	0.2952
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6866	0.3134	0.6177	0.2265	0.8575
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE			0.7273	0.2727	0.7333	0.4590	0.7617
puc-rio			0.9964	0.0014	0.9935	0.9951	0.0133
puc-rio10%			0.9873	0.0051	0.9732	0.9830	0.0313
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-641%			0.5004	0.4996	0.5005	0.0010	0.9886
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9832	0.0168	0.9485	0.8950	0.1580
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.8200	0.0277	0.7965	0.7661	0.2287
re1-wc			0.8253	0.0140	0.6786	0.8006	0.1411
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9852	0.0148	0.9850	0.9700	0.1013
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6589	0.3411	0.6329	0.2386	0.8264
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9020	0.0327	0.8897	0.8789	0.1566
satimageF			0.9922	0.0078	0.9801	0.9602	0.1342
satimageT			0.9440	0.0560	0.8346	0.6644	0.4505
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5294	0.4706	0.5315	0.0588	0.9560
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9610	0.0111	0.9655	0.9544	0.0511
segmentation			0.8614	0.1386	0.8489	0.6979	0.5539
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8583	0.1417	0.5882	0.1288	0.6474
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8816	0.1184	0.6717	0.2255	0.4575
sens-4-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sens-5-gram			0.8711	0.1289	0.6147	0.0873	0.4343
sens-6-gram			0.8684	0.1316	0.6013	0.1055	0.5237
sens-7-gram			0.8632	0.1368	0.5688	0.0697	0.5660
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9019	0.0981	0.7975	0.5891	0.5456
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9867	0.0133	0.9442	0.8819	0.0504
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9996	0.0004	0.9994	0.9989	0.0074
skin10%			0.9992	0.0008	0.9988	0.9975	0.0129
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2200	0.3900	0.1926	-0.0506	0.8168
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2000	0.3200	0.1999	-0.0004	0.8745
solar-flare			0.7410	0.0863	0.6087	0.6665	0.1928
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.9559	0.0046	0.9674	0.9516	0.0223
spam-detection			0.9560	0.0440	0.8671	0.7340	0.4392
spambase			0.9435	0.0565	0.9409	0.8818	0.2984
spect			0.7778	0.2222	0.6403	0.2703	0.7789

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectf			0.9429	0.0571	0.9304	0.8511	0.1808
spectrometer			0.6346	0.0271	0.5239	0.6133	0.1105
splice-EI			0.9716	0.0284	0.9642	0.9269	0.2290
splice-IE			0.9621	0.0379	0.9481	0.8962	0.2729
sport-articles			0.8600	0.1400	0.8498	0.6997	0.5535
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.4000	0.7059	0.2857	0.5283
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9147	0.0569	0.8919	0.8614	0.2087
steel-b			0.8974	0.1026	0.8356	0.6608	0.4751
steel-d			0.9949	0.0051	0.9553	0.9065	0.0226
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.8103	0.1897	0.7880	0.5750	0.6644
steel-p			0.9385	0.0615	0.7734	0.5390	0.5226
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9949	0.0051	0.9860	0.9715	0.1355
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9861	0.0139	0.9765	0.9531	0.1430
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9980	0.0020	0.9980	0.9960	0.0165
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.6150	0.1540	0.3459	0.3884	0.4465
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3000	0.2800	0.1932	-0.0484	0.7593
student-weekend			0.3385	0.2646	0.2883	0.1053	0.7302
student-workday			0.7188	0.1125	0.2667	0.1955	0.4231
studentap			0.6154	0.2564	0.6166	0.4091	0.5333
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.8006	0.1994	0.7989	0.5951	0.6563
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.9091	0.0909	0.8824	0.7646	0.4535
texture			0.9855	0.0026	0.9860	0.9840	0.0223
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8955	0.1045	0.8593	0.7186	0.5114
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.8289	0.6895	0.1727
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.8235	0.1765	0.8020	0.5984	0.6209
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6800	0.3200	0.5442	0.0881	0.8806
trec11-wc			0.9024	0.0217	0.8825	0.8799	0.0833
trec12-wc			0.8710	0.0323	0.8905	0.8436	0.1010
trec21-wc			0.8485	0.0606	0.8203	0.6765	0.3279
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.9892	0.0036	0.9910	0.9857	0.0145
trec41-wc			0.9659	0.0068	0.8874	0.9583	0.0325
trec45-wc			0.9855	0.0029	0.8916	0.9831	0.0066
tuandromd			0.9843	0.0157	0.9754	0.9507	0.1231
turkish			0.8000	0.1000	0.8061	0.7333	0.2582
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9231	0.0769	0.9169	0.8334	0.3669

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews10%			0.9036	0.0964	0.8960	0.7919	0.4349
ur3_cobotops_grip			0.9769	0.0231	0.7812	0.4434	0.0756
ur3_cobotops_stop			0.9796	0.0204	0.8400	0.6706	0.3567
urban			0.8358	0.0365	0.8285	0.8073	0.1377
urinalysis			0.9650	0.0350	0.8088	0.5311	0.1051
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.8095	0.0952	0.7678	0.7421	0.1962
vehicleVAN			0.9762	0.0238	0.9701	0.9385	0.2027
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6364	0.0661	0.6566	0.6000	0.2204
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7756	0.0224	0.6223	0.7485	0.1575
warpar10p			0.6923	0.0615	0.5757	0.6533	0.0927
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.9864	0.0039	0.9862	0.9841	0.0290
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.9891	0.0031	0.9888	0.9873	0.0238
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2233	0.3883	0.2226	-0.0355	0.8736
waveform			0.8500	0.1000	0.8504	0.7751	0.3493
weather-related			0.9769	0.0042	0.9774	0.9739	0.0363
web-phishing			0.8519	0.0988	0.8097	0.7368	0.4053
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9855	0.0145	0.9195	0.8369	0.2405
wine			0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red			0.7044	0.0985	0.3449	0.5191	0.3176
winequality-white			0.6728	0.0935	0.4138	0.5022	0.4612
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9939	0.0018	0.9951	0.9922	0.0132
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.7500	0.0333	0.7132	0.7322	0.0618
yeast			0.6149	0.0770	0.4040	0.5022	0.4040
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9516	0.0097	0.9475	0.9458	0.0791

Table 20: Detailed results for C5.0RULES

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1679	0.0574	0.0855	0.0901	0.5772
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9831	0.0169	0.6760	0.2831	0.3936
accident		0.4500	0.5500	0.4497	-0.1000	1.0000
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.8659	0.1341	0.8051	0.6054	0.5784
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.5447	0.0437	0.6386
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8889	0.0741	0.4663	0.1398	0.1423
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.0583	0.9417	0.0550	0.0000	0.1497
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.0030	0.9970	0.0030	0.0000	0.0086
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9987	0.0013	0.4997	-0.0005	0.5055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.0092	0.9908	0.0091	0.0000	0.0260
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8920	0.1080	0.8483	0.6934	0.5000
air_pollution		0.3000	0.2000	0.1443	-0.0091	0.8673
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.9615	0.0385	0.9609	0.9213	0.2096
alcohol		0.8286	0.0686	0.4910	0.6249	0.2487
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.9535	0.0465	0.9489	0.8970	0.2464
anneal		0.1124	0.3551	0.1626	-0.0656	0.2010
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family		0.9624	0.0188	0.8943	0.9279	0.1106
anuran-genus		0.9471	0.0132	0.8545	0.9117	0.1678
anuran-species		0.9611	0.0078	0.9207	0.9455	0.0511
anxiety		0.1000	0.2000	0.0946	-0.0136	0.7915
apple-quality		0.7975	0.2025	0.7981	0.5950	0.6651
aps-failure		0.9904	0.0096	0.8501	0.6923	0.3268
arabidopsis		0.9781	0.0169	0.5307	0.0560	0.5250
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.0222	0.1504	0.0059	-0.0543	0.3249
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.7826	0.0181	0.3367	0.7500	0.0501
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.2714	0.7286	0.2135	0.0000	0.4603
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.1500	0.2833	0.1751	0.0736	0.3407
avila		0.9914	0.0014	0.9894	0.9888	0.0126
babies		0.4032	0.1705	0.2236	0.1210	0.5819
balance		0.8710	0.0860	0.5994	0.7571	0.2313
bank		0.1126	0.8874	0.1012	0.0000	0.2603
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria		0.8548	0.1452	0.8401	0.6753	0.5447
basehock		0.9095	0.0905	0.9099	0.8191	0.4003
bio		0.9964	0.0036	0.8867	0.7627	0.2000
bio10%		0.9952	0.0048	0.8591	0.7176	0.3802
biodeg		0.3810	0.6190	0.2759	0.0000	0.5189
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9889	0.0008	0.1292	0.4273	0.2054
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9871	0.0009	0.0934	0.2117	0.1137
body-perf		0.7299	0.1351	0.7323	0.6398	0.4158
bookings		0.9903	0.0065	0.7804	0.9794	0.0380
brain-tumor		0.4905	0.5095	0.4899	-0.0197	0.9981
breast-cancer		0.2857	0.7143	0.2222	0.0000	0.4711
breast-cancer-co		0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma		0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue		0.6364	0.1212	0.6525	0.5600	0.2067
bridges		0.1000	0.2571	0.0357	-0.0345	0.1980
bub10at310k-hg16-17		0.9156	0.0844	0.6681	0.2625	0.5016
bub12at310k-hg16-17		0.9175	0.0825	0.6797	0.2889	0.4955
bub8at310k-hg16-17		0.9142	0.0858	0.6873	0.3504	0.5886
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.0345	0.4828	0.1429	-0.1592	0.2649
car-insurance		0.8440	0.1560	0.8174	0.6347	0.6084
card		0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography		0.8263	0.0347	0.8280	0.7918	0.2059
cardiotocography-nsp		0.9061	0.0626	0.8417	0.7508	0.3941
cardiovascular		0.7303	0.2697	0.7303	0.4606	0.7796
cargo2k		0.3477	0.4349	0.2250	0.0061	0.3443
cars		0.8500	0.1000	0.7916	0.7315	0.2830
cas_N6512_cdk_ECFP2		0.7266	0.2734	0.7266	0.4524	0.7829
cas_N6512_rdkit_ATOMPAIR		0.7092	0.2908	0.7067	0.4129	0.8097
cas_N6512_RDkit_AtomPair_FP		0.7040	0.2960	0.7011	0.4009	0.8152
cas_N6512_rdkit_AVALON		0.7604	0.2396	0.7605	0.5201	0.7314
cas_N6512_RDkit_Avalon_FP		0.7531	0.2469	0.7514	0.5029	0.7465
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.7158	0.2842	0.7155	0.4305	0.7987
cas_N6512_RDkit_Featmorgan_FP		0.7316	0.2684	0.7314	0.4622	0.7764
cas_N6512_RDkit_FP		0.7193	0.2807	0.7172	0.4279	0.7818
cas_N6512_rdkit_LAYERED		0.7323	0.2677	0.7308	0.4617	0.7777
cas_N6512_RDkit_Layered_FP		0.7393	0.2607	0.7371	0.4737	0.7670

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.7831	0.2169	0.7816	0.5631	0.6964
cas_N6512_RDkit_morgan_FP		0.7485	0.2515	0.7463	0.4920	0.7525
cas_N6512_rdkit_PATTERN		0.7769	0.2231	0.7754	0.5509	0.7072
cas_N6512_RDkit_pattern_FP		0.7439	0.2561	0.7419	0.4836	0.7605
cas_N6512_rdkit_RDKITFP		0.7250	0.2750	0.7243	0.4484	0.7870
cas_N6512_rdkit_TORSION		0.7077	0.2923	0.7064	0.4127	0.8115
ccds		0.9385	0.0725	0.5751	0.1449	0.6165
ccds1%		0.9588	0.0412	0.4895	-0.0052	0.3718
ccds10%		0.9605	0.0395	0.5795	0.0584	0.3477
cdc_diabetes		0.8479	0.1014	0.4214	0.1904	0.3209
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9533	0.0467	0.7710	0.5168	0.4437
census10%		0.9522	0.0478	0.7375	0.4185	0.4070
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.0698	0.9302	0.0652	0.0000	0.1753
cervical-C		0.0581	0.9419	0.0549	0.0000	0.1495
cervical-H		0.0465	0.9535	0.0444	0.0000	0.1224
cervical-S		0.0930	0.9070	0.0851	0.0000	0.2234
children-anemia		0.9406	0.0297	0.9342	0.9116	0.1387
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9992	0.0008	0.7946	0.5878	0.4445
chrom21		0.9843	0.0019	0.5156	0.0077	0.1404
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8550	0.1450	0.7491	0.4647	0.5715
churn-bigml		0.9588	0.0412	0.9136	0.8216	0.2556
ci900367j_MACCS		0.3789	0.6211	0.2748	0.0000	0.5183
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.6803	0.5312	0.5039
cjs		0.1250	0.2917	0.0919	-0.0433	0.2536
ckd		0.3500	0.6500	0.2593	0.0000	0.5077
clave		0.0509	0.4745	0.0821	-0.2420	0.4972
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.6190	0.2540	0.5918	0.4084	0.6251
cnae-9		0.1111	0.1975	0.0725	0.0000	0.2975
codon_usage		0.8434	0.0285	0.6810	0.8091	0.2461
coil20		0.0556	0.0944	0.0308	0.0053	0.2188
college		0.9221	0.0779	0.9055	0.8092	0.4196
collins		0.0200	0.1307	0.0267	-0.0529	0.1776
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2		0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3		0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8621	0.1379	0.8117	0.6234	0.6038
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8387	0.1075	0.7914	0.7395	0.2576

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5106	0.4853	0.5948	0.0002	0.5274
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%		0.5216	0.4732	0.5248	0.0019	0.5531
connect-4		0.9858	0.0095	0.7048	0.5590	0.0945
cottonmeloidogyne		0.6995	0.3005	0.7022	0.3998	0.8096
coupon		0.4314	0.5686	0.3014	0.0000	0.5291
covid19		0.5513	0.1282	0.2314	0.2006	0.3673
covtype		0.9473	0.0151	0.9201	0.9153	0.1524
covtype10%		0.0738	0.2646	0.1101	-0.1609	0.3971
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.0699	0.9301	0.0653	0.0000	0.1756
crabs		0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans		0.9993	0.0007	0.8860	0.7497	0.0829
creditcard_trans10%		0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced		0.9134	0.0289	0.8160	0.8191	0.2555
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.2812	0.0359	0.2118	0.2669	0.1039
customer-churn		0.9840	0.0160	0.7609	0.4926	0.3903
cybersecurity		0.1833	0.2722	0.1747	0.0178	0.8610
cyclopentane		0.7778	0.2222	0.7818	0.5574	0.6874
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1058	0.1788	0.1056	0.0063	0.9241
day1%		0.9451	0.0437	0.9558	0.8947	0.2336
dbworld		0.4286	0.5714	0.3000	0.0000	0.5288
default		0.8260	0.1740	0.7114	0.3777	0.6162
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.1170	0.8830	0.1048	0.0000	0.2681
depressed		0.8252	0.1748	0.5711	0.0850	0.6422
dermatology		0.0541	0.3153	0.0741	-0.1078	0.3177
desharnais		0.6250	0.2500	0.4869	0.2258	0.4685
dexter		0.9000	0.1000	0.9009	0.8000	0.4226
df_final		0.6875	0.2083	0.7490	0.5455	0.3616
DIA		0.8500	0.1500	0.7854	0.5263	0.4936
diabetes		0.3846	0.6154	0.2778	0.0000	0.5200
diabetes-100k		0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk		0.9200	0.0800	0.8744	0.7469	0.4365
diabetic		0.5821	0.2786	0.4557	0.1735	0.5534
diabetic1%		0.2843	0.4771	0.2092	-0.0155	0.6222
diabetic10%		0.5806	0.2796	0.4483	0.1448	0.5369
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7853	0.0859	0.7833	0.6951	0.3204
dishonest		0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.6250	0.3750	0.6009	0.1940	0.9002
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		1.0000	0.0077	0.5178	0.0499	0.4451
dorothea		0.9217	0.0783	0.7647	0.5285	0.5845
dota2		0.5771	0.4229	0.5727	0.1425	0.9416
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.9747	0.0253	0.9728	0.9457	0.1644
dropout		0.7381	0.1746	0.6449	0.5538	0.4985

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.3511	0.1854	0.1553	0.0545	0.6724
drug-02		0.4468	0.1581	0.1917	0.1289	0.7283
drug-03		0.6489	0.1003	0.2098	0.1580	0.6083
drug-04		0.4787	0.1489	0.2284	0.1156	0.7376
drug-05		0.7128	0.0821	0.1498	0.0168	0.4404
drug-06		0.3564	0.1839	0.2928	0.2192	0.6960
drug-07		0.3936	0.1733	0.1565	0.0510	0.5617
drug-08		0.5213	0.1368	0.2205	0.1870	0.6312
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5000	0.1429	0.1875	0.1150	0.7466
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5904	0.1170	0.1974	0.2618	0.5293
drug-14		0.5798	0.1201	0.3197	0.2894	0.6412
drug-15		0.7447	0.0729	0.1412	0.0637	0.3835
drug-16		0.5426	0.1307	0.2549	0.2588	0.5519
drug-17		0.2926	0.2021	0.2301	0.0942	0.8067
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7447	0.0729	0.1410	0.0260	0.3690
drybean		0.9184	0.0233	0.9294	0.9013	0.1351
ecoli		0.7941	0.0515	0.4838	0.7136	0.1517
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.2369	-0.0135	0.8484
eeg		0.4468	0.0692	0.4643	0.3862	0.6306
eeg-eye		0.8451	0.1549	0.8433	0.6866	0.5736
eeg10%		0.3266	0.0842	0.3331	0.2537	0.6885
email_phishing		0.9880	0.0120	0.6973	0.1815	0.1057
eucalyptus		0.3151	0.2740	0.2334	0.1523	0.4886
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.9701	0.0299	0.9700	0.9400	0.1810
exon.vs.intron-freq10%		0.4731	0.5269	0.3212	0.0000	0.5305
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.8478	0.1522	0.8471	0.6931	0.5621
fbis-wc		0.7398	0.0306	0.6468	0.7036	0.2057
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.9250	0.0250	0.7245	0.8822	0.1468
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.0500	0.2375	0.0833	-0.0704	0.3440
fonts		0.6003	0.0052	0.5922	0.5850	0.3216
fonts10%		0.6308	0.0048	0.3466	0.6115	0.4252
forest		0.8654	0.0673	0.8397	0.8141	0.1919
gas		0.9784	0.0072	0.9771	0.9738	0.0475
gastrointestinal		0.1875	0.5417	0.1429	-0.0505	0.5033
gender		0.6042	0.2639	0.4881	0.0990	0.4650
gene		0.9338	0.0442	0.9259	0.8939	0.1878
german		0.3500	0.6500	0.2593	0.0000	0.5077
gestures		0.8545	0.0728	0.8551	0.8059	0.2812
gina		0.5101	0.4899	0.3378	0.0000	0.5269
gisette		0.9500	0.0500	0.9500	0.9000	0.2652
glass		0.6667	0.1111	0.6786	0.5333	0.2938
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP			0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM			0.7895	0.2105	0.7889	0.5778	0.6844
gli_85			0.8750	0.1250	0.8730	0.7143	0.4644
glioma			0.6000	0.2000	0.5556	0.4737	0.1226
glioma-grade			0.4167	0.5833	0.2941	0.0000	0.5271
green			0.9000	0.1000	0.9010	0.7826	0.4011
grub-damage			0.2000	0.4000	0.1875	-0.0286	0.6918
gsalc			0.7778	0.0741	0.7358	0.7313	0.1003
haberman			0.7333	0.2667	0.4231	0.0000	0.4155
hapt			0.9341	0.0110	0.7684	0.9221	0.0776
har			0.9720	0.0112	0.9707	0.9645	0.0719
har70			0.9286	0.0204	0.6514	0.8935	0.1963
har701%			0.9133	0.0248	0.5630	0.8713	0.1418
har7010%			0.9233	0.0219	0.6301	0.8854	0.1567
harth			0.7827	0.0383	0.5364	0.6981	0.4342
harth1%			0.8550	0.0242	0.5523	0.8019	0.2476
harth10%			0.8749	0.0209	0.6177	0.8293	0.2228
hayes-roth			0.6875	0.2083	0.7384	0.5062	0.2896
hcc-survival			0.5882	0.4118	0.3704	0.0000	0.5049
health-activity			0.7300	0.1350	0.2110	-0.0555	0.4808
heart			0.8889	0.1111	0.8845	0.7666	0.4543
heart-attack			0.8065	0.1935	0.8096	0.6141	0.6376
heart-c			0.4667	0.5333	0.3182	0.0000	0.5307
heart-failure			0.9740	0.0260	0.9697	0.9391	0.1628
heart-quantum			0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis			0.8000	0.2000	0.7266	0.4444	0.7131
hepmass			0.8435	0.1552	0.8344	0.6993	0.5613
hepmass1%			0.8503	0.1497	0.8517	0.7008	0.5499
hepmass10%			0.8616	0.1384	0.8622	0.7233	0.5290
hERG-121inputs			1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.9231	0.0769	0.8898	0.7547	0.2092
higgs			0.6518	0.3454	0.6531	0.3141	0.8827
higgs0.1%			0.6673	0.3327	0.6648	0.3282	0.8595
higgs1%			0.7018	0.2982	0.7000	0.3997	0.8191
higgs10%			0.7261	0.2739	0.7247	0.4491	0.7860
higher			0.2143	0.1964	0.2500	0.0610	0.3621
hinselmann			0.7000	0.3000	0.4118	-0.1538	0.8916
hitters			0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa			0.1703	0.8297	0.1455	0.0000	0.3518
hiva			0.9598	0.0402	0.4897	-0.0084	0.4680
horse			0.3333	0.4444	0.3085	0.1093	0.5521
hotel-reservartions			0.8928	0.1072	0.8762	0.7499	0.4598
hr			0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor			0.9995	0.0003	0.9995	0.9993	0.0030
ht-sensor10%			0.9966	0.0023	0.9967	0.9948	0.0161
htru2			0.9799	0.0201	0.9379	0.8751	0.2313
hypothyroid			0.0000	0.5000	0.0000	-0.0583	0.1578
hypothyroidT			0.0769	0.9231	0.0714	0.0000	0.1906
ilpd			0.7288	0.2712	0.6188	0.1986	0.7697
immuno-therapy			0.7778	0.2222	0.6786	0.3571	0.7720
instagram			0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere			0.9143	0.0857	0.9038	0.8059	0.4246
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			0.4400	0.5600	0.3056	0.0000	0.5299
isolet			0.8267	0.0133	0.8338	0.8198	0.1454

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8163	0.1837	0.6324	0.1907	0.6276
jvowels		0.9066	0.0208	0.9010	0.8943	0.1497
kc1		0.8578	0.1422	0.6618	0.2066	0.4924
kc1-class-level-defectiveornot		0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect		0.6429	0.0298	0.0357	0.1860	0.1193
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.6434	0.0892	0.5794	0.5836	0.4010
kddcup98		0.9578	0.0512	0.5256	0.0026	0.2171
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.5732	0.0371	0.0317	0.0000	0.1344
kddcup991%		0.9970	0.0003	0.4166	0.9949	0.0111
kddcup9910%		0.9995	0.0000	0.6471	0.9991	0.0021
kepler		0.8713	0.0858	0.8255	0.7873	0.2310
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.3750	0.6250	0.2727	0.0000	0.5170
krkopt		0.8481	0.0169	0.8548	0.8303	0.1905
krvskp		0.4765	0.5235	0.3227	0.0000	0.5304
la1s-wc		0.7683	0.0772	0.7246	0.7055	0.3545
la2s-wc		0.7980	0.0673	0.7780	0.7435	0.3113
labor		0.6667	0.3333	0.4000	0.0000	0.4644
leaf		0.7059	0.0147	0.3821	0.6909	0.0648
led24		0.0500	0.1900	0.0286	-0.0526	0.3845
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8905	0.0084	0.8904	0.8861	0.1256
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.4286	0.5714	0.3000	0.0000	0.5288
libra		0.8611	0.0185	0.8694	0.8509	0.0635
linkage		0.9998	0.0002	0.9886	0.9769	0.0011
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9999	0.0001	0.9916	0.9831	0.0217
liver		0.6471	0.3529	0.5968	0.1937	0.8945
loan		0.9859	0.0141	0.9850	0.9700	0.0987
localization		0.7333	0.0485	0.5155	0.6619	0.4539
localization10%		0.0625	0.1705	0.1268	0.0089	0.4776
lrs		0.7925	0.0415	0.4136	0.7114	0.1553
lung		0.9524	0.0190	0.7652	0.9091	0.0221
lung_discrete		0.1250	0.2500	0.0571	-0.0370	0.1843
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		0.8500	0.0600	0.8438	0.7087	0.2985
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.0000	0.5000	0.0000	-0.2564	0.3355
lymphoma2		0.2222	0.1728	0.1481	0.1250	0.1484
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.7923	0.2077	0.7932	0.5846	0.6732
magic04		0.8722	0.1278	0.8575	0.7116	0.5080
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.5312	0.4688	0.3469	0.0000	0.5228
marketing		0.8839	0.1161	0.7251	0.3834	0.4930
maternal		0.7723	0.1518	0.7773	0.6554	0.4490
math		0.8250	0.0875	0.7817	0.7371	0.2882
mba		0.8355	0.1097	0.3901	0.0932	0.3222
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.2067	0.3173	0.2027	0.0073	0.8706

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6087	0.3913	0.6362	0.2473	0.8373
meter-A			0.5000	0.5000	0.6522	0.1579	0.5288
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8333	0.0833	0.7875	0.7702	0.2056
meter-D			0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac			0.9000	0.0200	0.9012	0.8889	0.1102
mfeat-fou			0.7550	0.0490	0.7505	0.7278	0.2110
mfeat-kar			0.8400	0.0320	0.8430	0.8222	0.1742
mfeat-mor			0.7000	0.0600	0.6947	0.6667	0.2095
mfeat-pix			0.0950	0.1810	0.0576	-0.0056	0.3069
mfeat-zer			0.7200	0.0560	0.7218	0.6889	0.2469
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5882	0.1647	0.5733	0.4837	0.4685
mobile			0.6923	0.0110	0.6947	0.6867	0.1390
monks-1			1.0000	0.0000	1.0000	1.0000	0.0000
monks-2			0.8852	0.1148	0.8770	0.7240	0.2925
monks-3			0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.5178	0.4822	0.3412	0.0000	0.5256
music			0.4900	0.0927	0.5189	0.3852	0.5451
musk			0.9621	0.0379	0.9255	0.8496	0.2804
MUT_ci300400a_cdk_ECFP2			0.7674	0.2326	0.7596	0.5189	0.7278
MUT_ci300400a_cdk_ECFP4			0.7820	0.2180	0.7764	0.5527	0.7029
MUT_ci300400a_cdk_ECFP6			0.7389	0.2611	0.7289	0.4564	0.7708
MUT_ci300400a_cdk_ESTATE			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED			0.7926	0.2074	0.7854	0.5701	0.6829
MUT_ci300400a_cdk_FCFP2			0.7964	0.2036	0.7889	0.5763	0.6737
MUT_ci300400a_cdk_FCFP4			0.7626	0.2374	0.7536	0.5058	0.7335
MUT_ci300400a_cdk_FCFP6			0.7446	0.2554	0.7346	0.4677	0.7620
MUT_ci300400a_cdk_MACCS			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM			0.8204	0.1796	0.8146	0.6290	0.6304
MUT_ci300400a_cdk_STANDARD			0.7701	0.2299	0.7619	0.5231	0.7228
MUT_ci300400a_rdkit_descriptors			0.5739	0.4261	0.3646	0.0000	0.5103
myocardial			0.0412	0.2397	0.1680	0.0293	0.1209
naticusdroid			0.5012	0.4988	0.3339	0.0000	0.5282
NCI60			0.3333	0.2222	0.2857	0.2000	0.2350
nci9			0.0000	0.2222	0.0000	-0.1613	0.2241
ncRNA			0.9479	0.0055	0.7562	0.8599	0.4590
ncRNA1%			0.8946	0.0111	0.4207	0.6879	0.5378
ncRNA10%			0.9257	0.0078	0.6216	0.7947	0.5356
neo			0.9139	0.0861	0.6879	0.2376	0.3658
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc			0.7490	0.0114	0.7621	0.7406	0.1980
newspop			0.6511	0.3489	0.6487	0.2969	0.8794
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9547	0.0453	0.9443	0.8886	0.2747
NPHA-doctor-visits			0.4444	0.3704	0.3567	-0.0526	0.6389
nursery			0.3117	0.2753	0.1308	0.1307	0.1328
obesity			0.9384	0.0176	0.9366	0.9280	0.0900
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9932	0.0068	0.9905	0.9810	0.0858
Occupancy_Estimation			0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc			0.0693	0.1861	0.0797	-0.0486	0.3239
oh10-wc			0.1238	0.1752	0.0948	0.0190	0.4374
oh15-wc			0.1304	0.1739	0.0924	0.0373	0.3612
oh5-wc			0.0769	0.1846	0.0823	-0.0221	0.4448

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ohscal-wc			0.7204	0.0559	0.7060	0.6873	0.3592
olive			0.9298	0.0156	0.9215	0.9118	0.0463
opn310k			0.9166	0.0834	0.6903	0.3462	0.5615
opn310k10%			0.9094	0.0906	0.6479	0.2647	0.6073
opnat310k-hg16-17			0.9172	0.0828	0.6916	0.3459	0.5535
optdigits			0.0943	0.1811	0.0588	-0.0084	0.3432
optdigitsZ			0.9110	0.0890	0.4767	0.0000	0.2060
orl			0.7750	0.0112	0.7286	0.7692	0.0375
orlraws10P			0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer			0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr			0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr			0.9012	0.0988	0.5185	0.0309	0.6828
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP			0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants			0.9876	0.0070	0.5997	0.2099	0.5510
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9726	0.0110	0.8784	0.8444	0.3289
parkinson			0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons			0.9336	0.0664	0.9293	0.8584	0.3321
parkinsons-small			0.8947	0.1053	0.8914	0.7595	0.4308
particle			0.9245	0.0755	0.9070	0.8139	0.4024
particle10%			0.8923	0.1077	0.8654	0.7307	0.4979
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.6277	0.1763	0.4947
pcmac			0.5464	0.4536	0.3533	-0.0712	0.8005
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8553	0.1447	0.8038	0.6071	0.6125
pediatric-leukemia			0.1471	0.2437	0.0571	-0.0545	0.4128
pendigits			0.9636	0.0073	0.9630	0.9595	0.0606
period			0.8889	0.1111	0.8953	0.7692	0.4011
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.8076	0.1924	0.7909	0.5770	0.6503
personalities			0.8012	0.0249	0.8014	0.7879	0.2829
pet-adoption			0.9450	0.0550	0.9376	0.8722	0.2569
phishing			0.3918	0.6082	0.2815	0.0000	0.5219
PhiUSIIL			0.9997	0.0003	0.9997	0.9995	0.0027
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.9998	0.0001	0.9998	0.9998	0.0008
phone-acc0.1%			0.2037	0.2275	0.1711	0.0718	0.3254
phone-acc1%			0.1526	0.2421	0.1134	0.0113	0.2640
phone-acc10%			0.9978	0.0006	0.9977	0.9974	0.0060
phone-gyr			0.9997	0.0001	0.9997	0.9997	0.0009
phone-gyr0.1%			0.1845	0.2330	0.1539	0.0497	0.3122
phone-gyr1%			0.1522	0.2422	0.1170	0.0117	0.2700
phone-gyr10%			0.9959	0.0012	0.9955	0.9952	0.0089
phoneme			0.8815	0.1185	0.8566	0.7127	0.5327
phy			0.4972	0.5028	0.3321	0.0000	0.5287
pima			0.7500	0.2500	0.7324	0.4480	0.7236
pirvision			0.9922	0.0052	0.9863	0.9751	0.0533
placement			0.7910	0.2090	0.7841	0.5675	0.6851
plant-growth			0.6842	0.3158	0.6841	0.3596	0.8222
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.7748	0.0450	0.3473	0.5817	0.2226
poker1%			0.2907	0.1419	0.0804	-0.0161	0.3233
poker10%			0.1980	0.1604	0.0715	-0.0875	0.3896
polish-1st			0.9730	0.0270	0.7785	0.4756	0.2230
polish-2nd			0.9715	0.0285	0.7707	0.4421	0.1949
polish-3rd			0.9562	0.0438	0.6890	0.3245	0.4651

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9643	0.0357	0.8026	0.5971	0.4492
polish-5th			0.9594	0.0406	0.8195	0.6053	0.3147
polya			0.7568	0.2432	0.7299	0.4580	0.7562
popularity			0.6648	0.2235	0.4588	0.2426	0.5036
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9835	0.0066	0.9833	0.9793	0.0452
pred-tox_mutagen_ref-desc			0.6618	0.3382	0.6653	0.3235	0.8487
prestige			0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor			0.0606	0.0854	0.0364	0.0367	0.2484
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.4000	0.6000	0.2857	0.0000	0.5239
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9877	0.0049	0.9782	0.9835	0.0385
puc-rio10%			0.9722	0.0111	0.9512	0.9627	0.0721
pufs-128			0.4954	0.5004	0.5016	-0.0016	1.0000
pufs-1281%			0.4968	0.5032	0.4968	-0.0064	1.0000
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.5005	0.0010	0.9886
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9832	0.0168	0.9485	0.8950	0.1580
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
rcv1			0.2313	0.0229	0.0165	0.0128	0.3076
rcv11%			0.6219	0.0146	0.2893	0.5752	0.3693
rcv110%			0.7457	0.0096	0.4279	0.7274	0.3541
re0-wc			0.7933	0.0318	0.7456	0.7299	0.2658
re1-wc			0.7952	0.0164	0.6767	0.7652	0.1682
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8494	0.0046	0.4166	0.7915	0.2238
rice			0.9879	0.0121	0.9878	0.9755	0.0839
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.9983	0.0003	0.9812	0.9957	0.0028
satimage			0.8802	0.0399	0.8595	0.8518	0.1800
satimageF			0.9876	0.0124	0.9679	0.9359	0.1750
satimageT			0.9300	0.0700	0.7890	0.5710	0.5187
scadi			0.0000	0.2857	0.0000	-0.1667	0.3455
schiller			1.0000	0.0000	1.0000	1.0000	0.0000
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom			0.9998	0.0002	0.9998	0.9997	0.0023
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9567	0.0124	0.9615	0.9494	0.0550
segmentation			0.8267	0.1733	0.8161	0.6303	0.6269
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.0659	0.9341	0.0618	0.0000	0.1669
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8595	0.1455	0.5743	0.1162	0.6854
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8763	0.1237	0.6772	0.0998	0.2600
sens-4-gram			0.8684	0.1316	0.6071	0.1284	0.5533
sens-5-gram			0.8605	0.1395	0.5591	0.0641	0.5968
sens-6-gram			0.8534	0.1497	0.5785	0.1465	0.7262

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8218	0.1755	0.5624	0.1330	0.7557
sens-8-gram			0.8416	0.1586	0.5701	0.1454	0.7497
sens-9-gram			0.8736	0.1185	0.6808	0.2263	0.4579
sensorless			0.9908	0.0017	0.9908	0.9898	0.0174
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.1541	0.8459	0.1335	0.0000	0.3285
shuttle			1.0000	0.0000	1.0000	1.0000	0.0000
sick			0.9867	0.0133	0.9444	0.8866	0.1604
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9989	0.0011	0.9983	0.9965	0.0156
skin10%			0.9955	0.0045	0.9932	0.9863	0.0521
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2000	0.4000	0.1661	-0.0363	0.6156
smk_can_187			0.6316	0.3684	0.6438	0.2732	0.8562
smoking			0.7527	0.2473	0.7368	0.4733	0.7579
soil_pollution			0.2400	0.3040	0.2399	0.0492	0.8410
solar-flare			0.0432	0.3189	0.0776	-0.1549	0.4313
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.1176	0.0929	0.0506	0.0290	0.2073
spam-detection			0.9560	0.0440	0.8671	0.7340	0.4392
spambase			0.6043	0.3957	0.3767	0.0000	0.4981
spect			0.2222	0.7778	0.1818	0.0000	0.4150
spectf			0.8000	0.2000	0.7481	0.4948	0.7085
spectrometer			0.5660	0.0181	0.2547	0.5422	0.1051
splice-EI			0.9748	0.0252	0.9674	0.9342	0.2081
splice-IE			0.9306	0.0694	0.9031	0.8061	0.3945
sport-articles			0.8000	0.2000	0.7817	0.5612	0.6749
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.2160	0.5226	0.2063	-0.0355	0.3836
steel-b			0.8359	0.1641	0.7363	0.4678	0.6776
steel-d			0.9692	0.0308	0.7421	0.4841	0.5554
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8154	0.1846	0.7955	0.5908	0.6564
steel-p			0.9333	0.0667	0.7373	0.4474	0.5093
steel-s			0.9949	0.0051	0.9665	0.9307	0.0228
steel-z			0.9949	0.0051	0.9853	0.9701	0.0240
stellar			0.9735	0.0177	0.9696	0.9529	0.1031
stock			1.0000	0.0000	1.0000	1.0000	0.0000
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9980	0.0020	0.9980	0.9960	0.0165
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.8305	0.1695	0.8240	0.6452	0.5997
student-habits			0.3000	0.2800	0.2242	0.0159	0.8110
student-weekend			0.1231	0.3508	0.1732	-0.0257	0.6847
student-workday			0.1250	0.3500	0.0471	-0.0504	0.6295
studentap			0.2308	0.5128	0.1250	0.0000	0.4236
susy			0.7992	0.2008	0.7981	0.5911	0.6518
susy1%			0.7892	0.2108	0.7878	0.5709	0.6720
susy10%			0.7967	0.2033	0.7956	0.5861	0.6563
swarm_aligned			0.9983	0.0017	0.9981	0.9961	0.0117
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.5072	0.2000	0.6242
telco-churn			0.8849	0.1151	0.8479	0.6930	0.5110
texture			0.9418	0.0106	0.9448	0.9359	0.0715

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.1489	0.8511	0.1296	0.0000	0.3207
thrombin			0.9686	0.0314	0.4920	-0.0142	0.5981
Thyroid_Diff			0.2895	0.7105	0.2245	0.0000	0.4738
tic-tac-toe			0.9684	0.0316	0.9645	0.9288	0.1892
tis			0.9080	0.0920	0.8723	0.7407	0.4380
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.6773	0.3227	0.4038	0.0000	0.4575
tourist			0.1250	0.2917	0.1667	0.0000	0.3084
tox_171			0.5294	0.2353	0.5596	0.3790	0.3755
toxicity			0.7059	0.2941	0.6540	0.2735	0.7752
toxicity-13f			0.8235	0.1765	0.8163	0.6277	0.6246
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.5779	0.1519	0.8533
trec11-wc			0.0488	0.2114	0.0395	-0.0768	0.3015
trec12-wc			0.1613	0.2097	0.0945	0.0484	0.2691
trec21-wc			0.0000	0.3333	0.0000	-0.0391	0.2938
trec23-wc			0.0476	0.3175	0.1111	-0.1170	0.1883
trec31-wc			0.9355	0.0184	0.7791	0.9140	0.0917
trec41-wc			0.9205	0.0159	0.7578	0.9028	0.0915
trec45-wc			0.8986	0.0203	0.8295	0.8821	0.0982
tuandromd			0.2018	0.7982	0.1679	0.0000	0.3921
turkish			0.7000	0.1500	0.6943	0.6000	0.3922
tvnews			0.9227	0.0773	0.9161	0.8301	0.3519
tvnews1%			0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9728	0.0272	0.7331	0.2790	0.0856
ur3_cobotops_stop			0.9646	0.0354	0.6492	0.1781	0.3486
urban			0.8060	0.0431	0.8082	0.7721	0.1684
urinalysis			0.9510	0.0490	0.7039	0.3436	0.4349
url-rep1%			0.9644	0.0422	0.9369	0.9256	0.2539
ustilago			0.9647	0.0251	0.5418	0.0899	0.4717
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7262	0.1369	0.6973	0.6333	0.2759
vehicleVAN			0.9762	0.0238	0.9701	0.9385	0.2027
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowel			0.4141	0.1065	0.4375	0.3556	0.3348
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9158	0.0842	0.6905	0.3521	0.5738
wap-wc			0.6859	0.0314	0.5105	0.6452	0.1958
warpar10p			0.7692	0.0462	0.6160	0.7400	0.0585
warppie10p			0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc			0.9998	0.0001	0.9998	0.9997	0.0008
watch-acc1%			0.1861	0.2325	0.1116	0.0415	0.2627
watch-acc10%			0.9985	0.0004	0.9985	0.9982	0.0045
watch-gyr			0.9998	0.0001	0.9997	0.9997	0.0009
watch-gyr1%			0.1666	0.2381	0.1056	0.0228	0.2649
watch-gyr10%			0.9985	0.0004	0.9984	0.9982	0.0047
water_pollution			0.1867	0.4067	0.1882	-0.0838	0.8965
waveform			0.7840	0.1440	0.7843	0.6761	0.4513
weather-related			0.9750	0.0045	0.9742	0.9717	0.0390
web-phishing			0.8148	0.1235	0.7555	0.6667	0.4154
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9952	0.0019	0.9948	0.9939	0.0154
white-clover			0.3333	0.3333	0.1667	0.1429	0.1703
wifi-loc			0.9750	0.0125	0.9750	0.9667	0.0511

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9814	0.0186	0.8962	0.7903	0.3078
wine			0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red			0.5975	0.1342	0.3053	0.3564	0.5236
winequality-white			0.5706	0.1227	0.3009	0.3316	0.5319
winnipeg			0.9909	0.0026	0.9853	0.9885	0.0304
winnipeg10%			0.9801	0.0057	0.9847	0.9748	0.0381
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.6250	0.0500	0.5106	0.5949	0.0862
yeast			0.5608	0.0878	0.4774	0.4353	0.3959
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.9000	0.0200	0.8915	0.8879	0.1454

Table 21: Detailed results for C5.0RULES(C)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9825	0.0175	0.6411	0.1717	0.3329
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9726	0.0274	0.9413	0.8785	0.1617
adult		0.8663	0.1337	0.8059	0.6071	0.5779
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8571	0.1429	0.7181	0.3777	0.5492
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8889	0.0741	0.4663	0.1398	0.1423
AID1284Morered		0.7222	0.2778	0.4194	-0.1613	0.7929
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9126	0.0874	0.4772	-0.0311	0.6533
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.5500	0.4500	0.4886	-0.0227	0.9383
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8779	0.1221	0.8263	0.6462	0.5305
airline		0.9619	0.0381	0.9614	0.9221	0.2063
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9958	0.0042	0.8849	0.7671	0.4228
anuran-family		0.9708	0.0146	0.9264	0.9444	0.1068
anuran-genus		0.9430	0.0143	0.8507	0.9051	0.1638
anuran-species		0.9625	0.0075	0.9301	0.9477	0.0645
apple-quality		0.8275	0.1725	0.8276	0.6550	0.6091
aps-failure		0.9911	0.0089	0.8604	0.7122	0.2985
arabidopsis0.1%		0.9882	0.0118	0.4970	-0.0044	0.5347
arabidopsis1%		0.9912	0.0088	0.4978	-0.0016	0.3640
arcene		0.8500	0.1500	0.8488	0.6939	0.5599
arrhythmia		0.7556	0.0489	0.5921	0.6087	0.2032
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.8182	0.0331	0.7016	0.7874	0.0785
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autos		0.7500	0.1000	0.8000	0.6633	0.2091
balance		0.8710	0.0860	0.5994	0.7571	0.2313
bank		0.9053	0.0947	0.7539	0.5069	0.6107
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8433	0.1567	0.8295	0.6588	0.5933
basehock		0.9397	0.0603	0.9420	0.8795	0.2641
bio		0.9966	0.0034	0.8933	0.7751	0.1702
bio10%		0.9952	0.0048	0.8591	0.7176	0.3802
biodeg		0.8476	0.1524	0.8426	0.6830	0.5747
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
body-perf		0.7291	0.1354	0.7314	0.6388	0.4186
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma		0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue		0.6364	0.1212	0.6525	0.5600	0.2067
bridges		0.7000	0.1000	0.4750	0.5161	0.1440
bub10at310k-hg16-17		0.9085	0.0915	0.6779	0.3433	0.6270
bub12at310k-hg16-17		0.9082	0.0918	0.6744	0.3349	0.6266
bub8at310k-hg16-17		0.9031	0.0969	0.6906	0.3799	0.6506
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
car		0.9828	0.0086	0.9560	0.9630	0.0638
card		0.8696	0.1304	0.8657	0.7285	0.5029
cardiotocography		0.8357	0.0329	0.8355	0.8030	0.1983
cardiotocography-nsp		0.9202	0.0532	0.8628	0.7863	0.3567
cardiovascular		0.7365	0.2635	0.7379	0.4730	0.7629
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8500	0.1000	0.7916	0.7315	0.2830
cas_N6512_cdk_ECFP2		0.7573	0.2427	0.7573	0.5137	0.7370
cas_N6512_rdkit_ATOMPAIR		0.7354	0.2646	0.7335	0.4669	0.7734
cas_N6512_RDkit_AtomPair_FP		0.7270	0.2730	0.7248	0.4495	0.7854
cas_N6512_rdkit_AVALON		0.7634	0.2366	0.7620	0.5240	0.7299
cas_N6512_RDkit_Avalon_FP		0.7761	0.2239	0.7746	0.5493	0.7087
cas_N6512_rdkit_descriptors		0.7508	0.2492	0.7489	0.4976	0.7499
cas_N6512_rdkit_FEATMORGAN		0.7481	0.2519	0.7458	0.4911	0.7532
cas_N6512_RDkit_Featmorgan_FP		0.7577	0.2423	0.7556	0.5102	0.7370
cas_N6512_RDkit_FP		0.7270	0.2730	0.7246	0.4487	0.7848
cas_N6512_rdkit_LAYERED		0.7846	0.2154	0.7838	0.5675	0.6932
cas_N6512_RDkit_Layered_FP		0.7561	0.2439	0.7541	0.5058	0.7359
cas_N6512_rdkit_MACCS		0.7926	0.2074	0.7909	0.5808	0.6765
cas_N6512_RDkit_MACCS_FP		0.7960	0.2040	0.7962	0.5914	0.6699
cas_N6512_rdkit_MORGAN		0.7631	0.2369	0.7611	0.5217	0.7294
cas_N6512_RDkit_morgan_FP		0.7239	0.2761	0.7219	0.4438	0.7899
cas_N6512_rdkit_PATTERN		0.7646	0.2354	0.7647	0.5286	0.7248
cas_N6512_RDkit_pattern_FP		0.7623	0.2377	0.7607	0.5214	0.7317
cas_N6512_rdkit_RDKITFP		0.7358	0.2642	0.7335	0.4661	0.7711
cas_N6512_rdkit_TORSION		0.7338	0.2662	0.7316	0.4626	0.7749
ccds1%		0.9313	0.0687	0.4822	-0.0350	0.6337
ccds10%		0.9528	0.0472	0.5776	0.1360	0.5933
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7409	0.2591	0.7126	0.4246	0.7830
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9483	0.0517	0.5535	0.0440	0.4242
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9472	0.0528	0.7344	0.4599	0.5461
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9992	0.0008	0.7946	0.5878	0.4445
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9157	0.0843	0.5768	0.0985	0.5542
churn		0.8520	0.1480	0.7457	0.4688	0.6062
ci900367j_MACCS		0.6842	0.3158	0.6522	0.2987	0.8482
cirrhosis		0.7619	0.1587	0.6803	0.5312	0.5039
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7852	0.1074	0.6143	0.6635	0.4654
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.6054	0.2630	0.5794	0.3830	0.6346
cnae-9		0.9167	0.0185	0.9235	0.9062	0.0868
codon_usage		0.8626	0.0250	0.7168	0.8328	0.2485
coil20		0.9375	0.0063	0.9409	0.9342	0.0356
college		0.9221	0.0779	0.9055	0.8092	0.4196
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.6578	0.3029	0.8275
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.6207	0.3793	0.5884	0.1448	0.8434
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.8276	0.1724	0.7767	0.5511	0.6703
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.8387	0.1075	0.7914	0.7395	0.2576
connect-4		0.9876	0.0083	0.7652	0.6842	0.2958
cottonmeloidogyne		0.7212	0.2788	0.7217	0.4426	0.7905
coupon		0.7390	0.2610	0.7320	0.4628	0.7693
covid19		0.5517	0.1281	0.2198	0.2012	0.3712
covtype10%		0.8475	0.0436	0.7737	0.7530	0.3150
covtypeCD		0.9881	0.0119	0.9745	0.9490	0.1318
covtypeT		0.9803	0.0197	0.9214	0.8416	0.2676
crabs		0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans		0.9993	0.0007	0.8862	0.7433	0.0040
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9124	0.0292	0.7700	0.8183	0.2373
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
customer-churn		0.9840	0.0160	0.7609	0.4926	0.3903
cyclopentane		0.7037	0.2963	0.7105	0.3684	0.6911
cylinder-bands		0.8333	0.1667	0.8308	0.6611	0.6017
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8280	0.1720	0.7184	0.4077	0.6428
defect		0.9599	0.0401	0.9227	0.8399	0.2297
deposit		0.9016	0.0984	0.7420	0.4797	0.6098
depressed		0.8112	0.1888	0.5405	0.0576	0.7295
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
desharnais		0.6250	0.2500	0.4869	0.2258	0.4685
dexter		0.8167	0.1833	0.8168	0.6333	0.6308
df_final		0.6875	0.2083	0.5590	0.5000	0.2664
DIA		0.8333	0.1667	0.7616	0.5122	0.6385
diabetes		0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-risk		0.9199	0.0801	0.8742	0.7466	0.4367
diabetic1%		0.5882	0.2745	0.3832	0.1879	0.5412
diabetic10%		0.5255	0.3163	0.3798	0.1056	0.6855
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7786	0.0885	0.7770	0.6859	0.3305
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dota2		0.5787	0.4213	0.5751	0.1489	0.9450
dota210%		0.5602	0.4398	0.5565	0.1122	0.9602
dropout		0.7178	0.1881	0.6477	0.5391	0.5565
drug-01		0.3511	0.1854	0.1550	0.0528	0.6678
drug-02		0.4521	0.1565	0.1939	0.1345	0.7244
drug-03		0.6809	0.1064	0.2794	0.2236	0.5344
drug-04		0.4681	0.1520	0.2139	0.1469	0.7803
drug-05		0.7128	0.0821	0.1498	0.0168	0.4404
drug-06		0.3511	0.1854	0.2911	0.2140	0.7037
drug-07		0.3830	0.2057	0.1679	0.0431	0.6776
drug-08		0.5319	0.1337	0.2289	0.2022	0.6360
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5053	0.1413	0.1927	0.1277	0.7427
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.5904	0.1170	0.1974	0.2618	0.5293
drug-14		0.5372	0.1322	0.2372	0.2104	0.7048
drug-15		0.7447	0.0729	0.1412	0.0637	0.3835
drug-16		0.5532	0.1489	0.3188	0.3038	0.5944
drug-17		0.3085	0.1976	0.2387	0.1178	0.7868
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7340	0.0760	0.1425	0.0143	0.4926
drybean		0.9140	0.0246	0.9257	0.8960	0.1410
ecoli		0.8529	0.0490	0.7121	0.7957	0.1665
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
eeg		0.4551	0.0681	0.4638	0.3959	0.6339
eeg-eye		0.8465	0.1535	0.8445	0.6885	0.5682
eeg10%		0.3570	0.0804	0.3591	0.2877	0.6806
email_phishing		0.9880	0.0120	0.6972	0.1859	0.1121
eucalyptus		0.6301	0.1479	0.6352	0.5239	0.3538
euthyroid		0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq10%		0.9542	0.0458	0.9540	0.9081	0.2496
fbis-wc		0.7114	0.0340	0.6589	0.6732	0.2631
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.5490	0.4510	0.3544	0.0000	0.5183
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.6500	0.1000	0.4974	0.5666	0.2486
fonts10%		0.6283	0.0049	0.3434	0.6090	0.4256

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
forest			0.8846	0.0577	0.8756	0.8405	0.1609
gas			0.9770	0.0077	0.9760	0.9721	0.0502
gastrointestinal			0.9375	0.0417	0.9370	0.9018	0.1379
gender			0.5832	0.2779	0.4469	0.1400	0.6511
gene			0.9338	0.0442	0.9235	0.8934	0.1823
german			0.6500	0.3500	0.5934	0.1822	0.8962
gestures			0.8476	0.0762	0.8481	0.7968	0.2878
gina			0.9308	0.0692	0.9308	0.8616	0.3352
gisette			0.9514	0.0486	0.9514	0.9029	0.2605
glass			0.6667	0.1111	0.6786	0.5333	0.2938
glass-g2			0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP			0.9524	0.0476	0.9529	0.9014	0.2404
glassBWNFP			0.6667	0.3333	0.6387	0.2759	0.8607
glassContainers			0.9091	0.0909	0.7250	0.4500	0.6330
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP			0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM			0.7895	0.2105	0.7889	0.5778	0.6844
gli_85			0.8750	0.1250	0.8730	0.7143	0.4644
glioma			0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade			0.8810	0.1190	0.8845	0.7610	0.4620
green			0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage			0.4000	0.3000	0.4104	0.1768	0.6466
gsalc			0.7778	0.0741	0.7358	0.7313	0.1003
haberman			0.7333	0.2667	0.4231	0.0000	0.4155
hapt			0.9286	0.0119	0.7631	0.9156	0.0731
har			0.9725	0.0110	0.9707	0.9652	0.0711
hayes-roth			0.6875	0.2083	0.7384	0.5062	0.2896
hcc-survival			0.5882	0.4118	0.5662	0.1314	0.9439
health-activity			0.7200	0.1400	0.2093	-0.0683	0.4953
heart			0.8889	0.1111	0.8845	0.7666	0.4543
heart-attack			0.7419	0.2581	0.7542	0.4918	0.7133
heart-c			0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure			0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum			0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis			0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%			0.8529	0.1471	0.8540	0.7059	0.5460
hepmass10%			0.8613	0.1387	0.8619	0.7227	0.5297
hERG-121inputs			0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%			0.6591	0.3409	0.6564	0.3108	0.8676
higgs1%			0.7032	0.2968	0.7014	0.4024	0.8173
higgs10%			0.7281	0.2719	0.7268	0.4534	0.7834
higher			0.2143	0.1964	0.2500	0.0610	0.3621
hinselmann			0.7000	0.3000	0.4118	-0.1538	0.8916
hitters			0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa			0.8938	0.1062	0.7934	0.5719	0.5251
hiva			0.9598	0.0402	0.4897	-0.0084	0.4680
horse			0.6667	0.2222	0.6622	0.4462	0.5822
ht-sensor			0.9995	0.0003	0.9995	0.9993	0.0031
ht-sensor10%			0.9967	0.0022	0.9968	0.9950	0.0160
htru2			0.9782	0.0218	0.9331	0.8658	0.2595
hypothyroid			0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT			0.9973	0.0027	0.9909	0.9816	0.0997
ilpd			0.6271	0.3729	0.5455	0.0910	0.9108
immuno-therapy			0.7778	0.2222	0.6786	0.3571	0.7720
instagram			0.9760	0.0120	0.9766	0.9680	0.0477

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ionosphere		0.9714	0.0286	0.9671	0.9320	0.1146
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8254	0.0134	0.8330	0.8184	0.1465
jm1		0.8026	0.1974	0.6098	0.1846	0.7259
jvowels		0.9197	0.0178	0.9149	0.9090	0.1272
kc1		0.8436	0.1564	0.6315	0.2257	0.6761
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.5420	0.0574	0.7533
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9476	0.0524	0.4866	-0.0021	0.2511
kddcup991%		0.9974	0.0004	0.7988	0.9955	0.0132
kddcup9910%		0.9995	0.0001	0.7836	0.9992	0.0022
kepler		0.8661	0.0893	0.8184	0.7793	0.2396
kidney		0.7512	0.0995	0.1943	-0.0046	0.6962
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krvskp		0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc		0.7556	0.0815	0.7432	0.6867	0.3317
la2s-wc		0.7384	0.0872	0.7172	0.6632	0.3745
labor		0.8333	0.1667	0.8537	0.6667	0.4644
led24		0.6500	0.0778	0.6758	0.6034	0.1970
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8611	0.0185	0.8803	0.8510	0.0615
linkage		0.9998	0.0002	0.9886	0.9769	0.0011
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9999	0.0001	0.9916	0.9831	0.0217
liver		0.6471	0.3529	0.5776	0.1535	0.9051
loan		0.9859	0.0141	0.9850	0.9700	0.0987
localization		0.7354	0.0481	0.5156	0.6647	0.4550
localization10%		0.6529	0.0631	0.3996	0.5566	0.5001
lrs		0.8491	0.0431	0.8065	0.7911	0.1309
lung		0.9048	0.0381	0.7099	0.8082	0.0647
lung_discrete		0.6250	0.1500	0.6000	0.5102	0.2226
lung-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1		0.8500	0.0600	0.8438	0.7087	0.2985
lung-cancer-harvard2		0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2		0.6667	0.1111	0.4000	0.5500	0.1046
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.6885	0.3115	0.6891	0.3769	0.8322
magic04		0.8659	0.1341	0.8503	0.6975	0.5264
mammography		0.8021	0.1979	0.8017	0.6000	0.6506
maternal		0.8218	0.1188	0.8234	0.7295	0.3870
messidor		0.6174	0.3826	0.6190	0.2356	0.9019
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.7875	0.7702	0.2056
meter-D		0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac		0.8950	0.0210	0.8953	0.8833	0.1167
mfeat-fou		0.7700	0.0460	0.7674	0.7444	0.1987
mfeat-kar		0.8400	0.0320	0.8426	0.8222	0.1678

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-pix		0.9100	0.0180	0.9117	0.9000	0.1054
mfeat-zer		0.7350	0.0530	0.7403	0.7056	0.2366
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mobile		0.6923	0.0110	0.6950	0.6867	0.1399
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8852	0.1148	0.8770	0.7240	0.2925
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4733	0.0958	0.5061	0.3657	0.5429
musk		0.9697	0.0303	0.9409	0.8812	0.2450
MUT_ci300400a_cdk_ECFP2		0.7998	0.2002	0.7944	0.5887	0.6711
MUT_ci300400a_cdk_ECFP4		0.7964	0.2036	0.7897	0.5791	0.6769
MUT_ci300400a_cdk_ECFP6		0.7401	0.2599	0.7304	0.4595	0.7695
MUT_ci300400a_cdk_ESTATE		0.7626	0.2374	0.7545	0.5086	0.7356
MUT_ci300400a_cdk_EXTENDED		0.8189	0.1811	0.8146	0.6291	0.6336
MUT_ci300400a_cdk_FCFP2		0.8228	0.1772	0.8164	0.6315	0.6213
MUT_ci300400a_cdk_FCFP4		0.8046	0.1954	0.7993	0.5986	0.6621
MUT_ci300400a_cdk_FCFP6		0.7734	0.2266	0.7686	0.5368	0.7164
MUT_ci300400a_cdk_MACCS		0.8249	0.1751	0.8186	0.6350	0.6130
MUT_ci300400a_cdk_PUBCHEM		0.8539	0.1461	0.8490	0.6975	0.5548
MUT_ci300400a_cdk_STANDARD		0.7940	0.2060	0.7866	0.5724	0.6797
MUT_ci300400a_rdkit_descriptors		0.8346	0.1654	0.8301	0.6597	0.5974
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9693	0.0307	0.9693	0.9386	0.1849
NCI60		0.3333	0.2222	0.2857	0.2000	0.2350
nci9		0.3333	0.2222	0.3333	0.2000	0.2651
ncRNA1%		0.8946	0.0111	0.4207	0.6879	0.5378
ncRNA10%		0.9257	0.0078	0.6213	0.7945	0.5358
neo		0.9141	0.0859	0.6897	0.2372	0.3566
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6357	0.3643	0.6345	0.2691	0.8951
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9568	0.0432	0.9470	0.8939	0.2693
NPHA-doctor-visits		0.4583	0.3611	0.3561	-0.0233	0.7025
nursery		0.9992	0.0004	0.9994	0.9989	0.0028
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9932	0.0068	0.9905	0.9810	0.0858
Occupancy_Estimation		0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc		0.8614	0.0277	0.8853	0.8406	0.1232
oh10-wc		0.6762	0.0648	0.6637	0.6287	0.2617
oh15-wc		0.8043	0.0391	0.8174	0.7777	0.1918
oh5-wc		0.7033	0.0593	0.7518	0.6640	0.2616
opn310k		0.9094	0.0906	0.6972	0.3895	0.6311
opn310k10%		0.9123	0.0877	0.6850	0.3575	0.6182
opnat310k-hg16-17		0.9137	0.0863	0.7140	0.4235	0.6168
optdigits		0.9004	0.0199	0.9031	0.8892	0.1340
optdigitsZ		0.9947	0.0053	0.9837	0.9674	0.1218
orl		0.7750	0.0112	0.7286	0.7692	0.0375
orlraws10P		0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9526	0.0474	0.4879	-0.0181	0.6053
ozone8hr		0.9209	0.0791	0.6561	0.2945	0.6140
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8557	0.1443	0.8393	0.6785	0.5726
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8333	0.1667	0.8346	0.6670	0.5914
p53-mutants		0.9949	0.0051	0.5915	0.1097	0.3719

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9708	0.0117	0.8074	0.8382	0.3510
parkinson			0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons-small			0.8947	0.1053	0.8914	0.7595	0.4308
particle			0.9245	0.0755	0.9064	0.8128	0.3991
particle10%			0.8954	0.1046	0.8689	0.7375	0.4869
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.6277	0.1763	0.4947
pcmac			0.5309	0.4691	0.4802	-0.0349	0.9712
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8289	0.1711	0.7553	0.5000	0.6507
pediatric-leukemia			0.7647	0.0672	0.7135	0.7119	0.2004
pendigits			0.9636	0.0073	0.9632	0.9595	0.0612
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
phishing			0.9673	0.0327	0.9657	0.9315	0.1998
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%			0.9204	0.0228	0.9158	0.9069	0.0996
phone-acc1%			0.9939	0.0018	0.9936	0.9928	0.0153
phone-acc10%			0.9985	0.0004	0.9984	0.9982	0.0046
phone-gyr0.1%			0.9411	0.0168	0.9365	0.9312	0.0784
phone-gyr1%			0.9950	0.0014	0.9947	0.9942	0.0121
phone-gyr10%			0.9988	0.0003	0.9987	0.9986	0.0034
phoneme			0.8833	0.1167	0.8599	0.7188	0.5278
phy			0.7176	0.2824	0.7177	0.4351	0.7969
pima			0.7237	0.2763	0.7027	0.3824	0.7533
pirvision			0.9928	0.0048	0.9874	0.9772	0.0467
placement			0.7920	0.2080	0.7848	0.5680	0.6809
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.7750	0.0500	0.3600	0.5822	0.2442
poker1%			0.4966	0.1438	0.1469	0.0657	0.4370
poker10%			0.6748	0.0813	0.2823	0.3941	0.3627
polish-1st			0.9758	0.0242	0.8132	0.6102	0.3745
polish-2nd			0.9685	0.0315	0.7421	0.4345	0.3895
polish-3rd			0.9543	0.0457	0.6930	0.3628	0.5321
polish-4th			0.9673	0.0327	0.8168	0.6199	0.3951
polish-5th			0.9577	0.0423	0.8116	0.5946	0.3553
polya			0.7297	0.2703	0.6995	0.3974	0.7975
popularity			0.6446	0.2369	0.4443	0.2200	0.6734
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.9851	0.0059	0.9849	0.9814	0.0420
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7230	0.4412	0.7804
prestige			0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor			0.4242	0.0886	0.3348	0.3476	0.2896
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6119	0.3881	0.5498	0.0993	0.9297
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9889	0.0044	0.9800	0.9851	0.0358
puc-rio10%			0.9771	0.0092	0.9584	0.9692	0.0616
pufs-128			0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%			0.4950	0.5050	0.4950	-0.0100	1.0000
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4971	0.5029	0.4971	-0.0059	1.0000
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9832	0.0168	0.9486	0.8958	0.1738

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
re0-wc			0.7800	0.0338	0.7421	0.7127	0.3006
re1-wc			0.8193	0.0145	0.6838	0.7938	0.1461
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9879	0.0121	0.9878	0.9755	0.0839
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6604	0.3396	0.6553	0.3091	0.8643
RT_IOT2022			0.9984	0.0003	0.9798	0.9959	0.0041
satimage			0.8725	0.0425	0.8534	0.8430	0.2001
satimageF			0.9844	0.0156	0.9605	0.9208	0.2214
satimageT			0.9238	0.0762	0.7750	0.5466	0.5584
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			1.0000	0.0000	1.0000	1.0000	0.0000
schizo			0.4412	0.5588	0.4351	-0.1176	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9167	0.0833	0.4783	-0.0305	0.6521
secondary_mushroom			0.9997	0.0003	0.9997	0.9993	0.0042
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9567	0.0124	0.9615	0.9494	0.0550
segmentation			0.8267	0.1733	0.8073	0.6115	0.6205
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8632	0.1368	0.4633	-0.0102	0.4508
sens-10-gram			0.8635	0.1365	0.5885	0.0971	0.5599
sens-2-gram			0.8553	0.1447	0.5773	0.1204	0.6805
sens-3-gram			0.8474	0.1526	0.6105	0.2117	0.7295
sens-4-gram			0.8421	0.1579	0.6106	0.2160	0.7387
sens-5-gram			0.8289	0.1711	0.5043	0.0072	0.7662
sens-6-gram			0.8553	0.1447	0.5860	0.1406	0.6882
sens-7-gram			0.8553	0.1447	0.5678	0.0991	0.6711
sens-8-gram			0.8421	0.1579	0.5729	0.1324	0.7393
sens-9-gram			0.8605	0.1395	0.5894	0.1319	0.6470
sensorless			0.9915	0.0016	0.9915	0.9906	0.0161
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8832	0.1168	0.7560	0.5052	0.6077
shuttle			1.0000	0.0000	1.0000	1.0000	0.0000
sick			0.9867	0.0133	0.9444	0.8866	0.1604
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9988	0.0012	0.9982	0.9964	0.0146
skin10%			0.9955	0.0045	0.9932	0.9863	0.0521
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smk_can_187			0.3158	0.6842	0.3167	-0.3646	1.0000
smoking			0.7579	0.2421	0.7408	0.4815	0.7516
solar-flare			0.7914	0.0695	0.6382	0.7320	0.1871
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.9265	0.0077	0.9333	0.9195	0.0388
spam-detection			0.9560	0.0440	0.8671	0.7340	0.4392
spambase			0.9348	0.0652	0.9316	0.8631	0.3261
spect			0.6667	0.3333	0.5452	0.0899	0.8578
spectf			0.8000	0.2000	0.7481	0.4948	0.7085
spectrometer			0.5385	0.0342	0.4451	0.5133	0.1259
splice-EI			0.9653	0.0347	0.9536	0.9069	0.2243
splice-IE			0.9401	0.0599	0.9167	0.8333	0.3600
sport-articles			0.8200	0.1800	0.8037	0.6051	0.6337
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.4000	0.7059	0.2857	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel_industry			0.9021	0.0653	0.8772	0.8411	0.2341
steel-b			0.8718	0.1282	0.8053	0.6105	0.6004
steel-d			0.9692	0.0308	0.7421	0.4841	0.5554
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.8205	0.1795	0.8140	0.6217	0.6276
steel-p			0.9282	0.0718	0.7481	0.4946	0.5864
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9949	0.0051	0.9853	0.9701	0.0240
stellar			0.9772	0.0152	0.9735	0.9595	0.0863
stock			0.9792	0.0208	0.9654	0.9306	0.2119
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.5700	0.1720	0.3191	0.3065	0.4769
student-weekend			0.3692	0.2523	0.3207	0.1450	0.7404
student-workday			0.6719	0.1313	0.2463	0.1520	0.5874
studentap			0.3846	0.4103	0.2968	0.0545	0.6172
susy1%			0.7906	0.2094	0.7891	0.5739	0.6707
susy10%			0.7970	0.2030	0.7958	0.5868	0.6565
swarm_aligned			0.9983	0.0017	0.9981	0.9961	0.0117
swarm_flocking			0.9988	0.0012	0.9988	0.9975	0.0132
swarm_grouped			0.9996	0.0004	0.9996	0.9991	0.0038
tae			0.4667	0.3556	0.5072	0.2000	0.6242
texture			0.9418	0.0106	0.9448	0.9359	0.0715
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9684	0.0316	0.9645	0.9288	0.1892
tis			0.8773	0.1227	0.8323	0.6639	0.5562
tis10%			0.8731	0.1269	0.8184	0.6151	0.4870
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1500	0.3636	0.3684	0.1904
tox_171			0.5294	0.2353	0.5596	0.3790	0.3755
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.8235	0.1765	0.8163	0.6277	0.6246
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.5779	0.1519	0.8533
trec11-wc			0.7805	0.0488	0.5412	0.7271	0.1647
trec12-wc			0.8387	0.0403	0.8739	0.8033	0.1051
trec21-wc			0.7273	0.1091	0.6856	0.4176	0.3910
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.9247	0.0251	0.9403	0.9004	0.1332
trec41-wc			0.9205	0.0159	0.7496	0.9025	0.0705
trec45-wc			0.8986	0.0203	0.8295	0.8821	0.0982
tuandromd			0.9821	0.0179	0.9722	0.9443	0.1640
turkish			0.7000	0.1500	0.6943	0.6000	0.3922
tvnews			0.9353	0.0647	0.9299	0.8590	0.3193
tvnews1%			0.8308	0.1692	0.8159	0.6303	0.6138
tvnews10%			0.8782	0.1218	0.8682	0.7362	0.5052
ur3_cobotops_grip			0.9755	0.0245	0.7604	0.4282	0.2319
ur3_cobotops_stop			0.9728	0.0272	0.7942	0.5860	0.4812
urban			0.8060	0.0431	0.8082	0.7721	0.1684
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7619	0.1190	0.7157	0.6782	0.2172
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vrnormat310k-hg16-17			0.9053	0.0947	0.6999	0.3988	0.6448
wap-wc			0.6923	0.0308	0.5761	0.6506	0.2131
warpar10p			0.7692	0.0462	0.6160	0.7400	0.0585
warppie10p			0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc1%			0.9876	0.0036	0.9873	0.9855	0.0282
watch-acc10%			0.9988	0.0004	0.9987	0.9985	0.0038
watch-gyr1%			0.9900	0.0029	0.9899	0.9883	0.0227
waveform			0.7840	0.1440	0.7846	0.6759	0.4514
web-phishing			0.8148	0.1235	0.6979	0.6672	0.4166
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9987	0.0005	0.9985	0.9984	0.0040
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9850	0.0075	0.9850	0.9800	0.0346
wilt			0.9876	0.0124	0.9342	0.8685	0.2770
wine			0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red			0.6164	0.1279	0.2996	0.3868	0.4947
winequality-white			0.5583	0.1472	0.3561	0.3286	0.5762
winnipeg			0.9918	0.0023	0.9850	0.9897	0.0271
winnipeg10%			0.9807	0.0055	0.9846	0.9755	0.0388
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.6250	0.0500	0.5106	0.5949	0.0862
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.8785	0.0243	0.8669	0.8638	0.1752

Table 22: Detailed results for CALIFOREST(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9837	0.0163	0.6846	0.2522	0.2894
accident		0.5000	0.5000	0.5000	0.0000	0.9713
ads		0.9787	0.0213	0.9547	0.9073	0.1433
adult		0.8591	0.1409	0.7914	0.5710	0.5763
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9998	0.0002	0.9850	0.9696	0.0014
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red		0.9948	0.0052	0.7250	0.2428	0.0223
aids		0.8920	0.1080	0.8466	0.6848	0.4742
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8536	0.1464	0.6166	0.0598	0.3952
airline		0.9601	0.0399	0.9595	0.9185	0.2149
alcohol		0.8571	0.0571	0.5645	0.6663	0.1556
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9349	0.0651	0.9283	0.8549	0.3122
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9805	0.0097	0.9475	0.9628	0.0498
anuran-genus		0.9819	0.0045	0.9403	0.9702	0.0860
anuran-species		0.9889	0.0022	0.9759	0.9845	0.0325
anxiety		0.0833	0.2037	0.0535	-0.0360	0.6792
apple-quality		0.8775	0.1225	0.8800	0.7550	0.4700
aps-failure		0.9929	0.0071	0.8906	0.7733	0.2270
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia		0.7778	0.0444	0.6287	0.6377	0.2270
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0400	0.9064	0.8667	0.0861
avila		0.9962	0.0006	0.9957	0.9950	0.0150
balance		0.9194	0.0538	0.6335	0.8485	0.1327
bank		0.9114	0.0886	0.7619	0.5202	0.5843
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8986	0.1014	0.8897	0.7723	0.4007
basehock		0.9749	0.0251	0.9749	0.9497	0.1578
bio		0.9975	0.0025	0.9233	0.8413	0.1457
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.9048	0.0952	0.9003	0.8000	0.4323
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9870	0.0037	0.3534	0.1354	0.0170
body-perf		0.7343	0.1328	0.7370	0.6458	0.4059
bookings		0.0101	0.6599	0.0067	0.0000	0.3560
brain-tumor		0.5020	0.4980	0.6006	0.0010	0.5281
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.7273	0.0909	0.7015	0.6765	0.1388
bridges		0.9000	0.0333	0.7895	0.8571	0.0318
bub10at310k-hg16-17		0.9223	0.0777	0.7059	0.3445	0.4683
bub12at310k-hg16-17		0.9201	0.0799	0.6943	0.3193	0.4800
bub8at310k-hg16-17		0.9194	0.0806	0.7180	0.4212	0.5794
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9598	0.0201	0.9436	0.9160	0.1671
car-insurance		0.8370	0.1630	0.8097	0.6193	0.6243
card		0.9420	0.0580	0.9407	0.8799	0.2783
cardiotocography		0.8920	0.0216	0.8952	0.8708	0.1355
cardiotocography-nsp		0.9484	0.0344	0.9069	0.8518	0.1890
cardiovascular		0.7150	0.2850	0.7169	0.4299	0.7910
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8750	0.0833	0.8308	0.7727	0.3512
cas_N6512_cdk_ECFP2		0.7158	0.2842	0.7199	0.4348	0.7854
cas_N6512_rdkit_ATOMPAIR		0.7446	0.2554	0.7425	0.4845	0.7588
cas_N6512_RDkit_AtomPair_FP		0.7531	0.2469	0.7510	0.5017	0.7458
cas_N6512_rdkit_AVALON		0.7880	0.2120	0.7883	0.5755	0.6842
cas_N6512_RDkit_Avalon_FP		0.7883	0.2117	0.7913	0.5782	0.6732
cas_N6512_rdkit_descriptors		0.7877	0.2123	0.7865	0.5731	0.6883
cas_N6512_rdkit_FEATMORGAN		0.7112	0.2888	0.7112	0.4217	0.8042
cas_N6512_RDkit_Featmorgan_FP		0.7592	0.2408	0.7572	0.5136	0.7352
cas_N6512_RDkit_FP		0.7684	0.2316	0.7678	0.5353	0.7205
cas_N6512_rdkit_LAYERED		0.7954	0.2046	0.7979	0.5919	0.6620
cas_N6512_RDkit_Layered_FP		0.7577	0.2423	0.7559	0.5115	0.7390
cas_N6512_rdkit_MACCS		0.7880	0.2120	0.7867	0.5734	0.6878
cas_N6512_RDkit_MACCS_FP		0.7975	0.2025	0.7988	0.5954	0.6632
cas_N6512_rdkit_MORGAN		0.7554	0.2446	0.7537	0.5028	0.7312
cas_N6512_RDkit_morgan_FP		0.7515	0.2485	0.7505	0.5008	0.7484
cas_N6512_rdkit_PATTERN		0.7923	0.2077	0.7911	0.5822	0.6800
cas_N6512_RDkit_pattern_FP		0.7730	0.2270	0.7713	0.5422	0.7134
cas_N6512_rdkit_RDKITFP		0.7834	0.2166	0.7825	0.5649	0.6956
cas_N6512_rdkit_TORSION		0.7308	0.2692	0.7304	0.4603	0.7781

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8491	0.1006	0.4223	0.1753	0.3038
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.7956	0.5913	0.6594
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9468	0.0532	0.5693	0.0844	0.5025
census10%		0.9525	0.0475	0.7405	0.4287	0.4121
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9414	0.0293	0.9386	0.9127	0.1377
chrom19		0.9998	0.0002	0.9496	0.8969	0.0992
chrom191%		1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%		0.9995	0.0005	0.8570	0.6894	0.1704
chronic-kidney		0.9277	0.0723	0.6909	0.1332	0.1784
churn		0.8460	0.1540	0.7313	0.4303	0.6043
churn-bigml		0.9625	0.0375	0.9218	0.8359	0.1979
ci900367j_MACCS		0.7579	0.2421	0.7511	0.4992	0.7379
circles		0.9990	0.0000	0.9990	0.9990	0.0005
cirrhosis		0.7381	0.1746	0.5065	0.4420	0.3443
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8343	0.0829	0.7401	0.7404	0.3410
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5238	0.3175	0.5024	0.2485	0.7151
cnae-9		0.9630	0.0082	0.9649	0.9583	0.0420
codon_usage		0.9179	0.0149	0.7664	0.8999	0.1245
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7931	0.2069	0.7632	0.5193	0.6844
colposcopies-2		0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3		0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.7586	0.2414	0.7929	0.5085	0.4545
colposcopies-c		0.8966	0.1034	0.8560	0.6692	0.2534
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.8065	0.1290	0.7333	0.6810	0.2682
connect-4		0.9842	0.0106	0.6582	0.5313	0.1979
cottonmeloidogyne		0.7644	0.2356	0.7654	0.5292	0.7223
coupon		0.7429	0.2571	0.7356	0.4687	0.7606
covid19		0.5332	0.1334	0.2020	0.1641	0.3671
covtype		0.9589	0.0117	0.9367	0.9339	0.1262
covtype10%		0.7818	0.0624	0.7244	0.6401	0.3299
covtypeCD		0.9851	0.0149	0.9681	0.9360	0.1551
covtypeT		0.9784	0.0216	0.9142	0.8273	0.2912
crabs		0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans		0.9997	0.0003	0.9519	0.9009	0.0733
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9502	0.0166	0.8869	0.8978	0.1467
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.5000	0.0312	0.4483	0.4839	0.0941
customer-churn		0.9798	0.0202	0.6547	0.2335	0.4021

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cybersecurity		0.1767	0.2744	0.1150	0.0042	0.6612
cyclopentane		0.6667	0.3333	0.6582	0.3077	0.8482
cylinder-bands		0.8333	0.1667	0.8308	0.6611	0.6017
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1012	0.1798	0.0886	-0.0006	0.6270
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8267	0.1733	0.7170	0.4084	0.6532
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9067	0.0933	0.7492	0.4897	0.5830
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9267	0.9328	0.0594
desharnais		0.7500	0.1667	0.7879	0.6098	0.3703
dexter		0.9667	0.0333	0.9677	0.9333	0.1598
df_final		0.8125	0.1250	0.8272	0.7108	0.2451
DIA		0.8833	0.1167	0.8416	0.6316	0.2737
diabetes		0.9808	0.0192	0.9799	0.9590	0.0927
diabetes-100k		0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk		0.9132	0.0868	0.8632	0.7241	0.4597
diabetic1%		0.6078	0.2614	0.3957	0.2085	0.4426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7562	0.0975	0.7601	0.6528	0.3238
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9391	0.0609	0.7972	0.5584	0.3855
dota2		0.5711	0.4289	0.5663	0.1294	0.9451
dota210%		0.5670	0.4330	0.5615	0.1155	0.9337
drebin		0.9920	0.0080	0.9915	0.9828	0.0521
dropout		0.7630	0.1580	0.6713	0.5975	0.4529
drug-01		0.3936	0.1733	0.1202	-0.0033	0.3624
drug-02		0.5000	0.1429	0.1454	0.0363	0.4455
drug-03		0.6862	0.1046	0.2326	0.1066	0.3842
drug-04		0.5160	0.1383	0.1004	0.0208	0.3704
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.2671	0.2788	0.4202
drug-07		0.4255	0.1915	0.0995	-0.0087	0.2894
drug-08		0.5798	0.1201	0.1793	0.0997	0.2643
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5372	0.1322	0.1009	0.0066	0.3184
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6117	0.1109	0.1698	0.2213	0.3338
drug-14		0.6064	0.1125	0.2765	0.3004	0.4384
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.6117	0.1294	0.3284	0.3440	0.3969
drug-17		0.4096	0.1687	0.1771	0.1730	0.4403
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9170	0.0237	0.9298	0.8996	0.1317
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2000	0.4000	0.2063	-0.0674	0.8530

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
eeg		0.5312	0.0586	0.5570	0.4789	0.5313
eeg-eye		0.8565	0.1435	0.8547	0.7086	0.5437
eeg10%		0.4501	0.0687	0.4596	0.3880	0.5356
email_phishing		0.9902	0.0098	0.7673	0.4584	0.2270
eucalyptus		0.5753	0.1699	0.5515	0.4443	0.3774
euthyroid		0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq10%		0.9613	0.0387	0.9612	0.9224	0.2204
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.9082	0.0918	0.9095	0.8142	0.3765
fbis-wc		0.8577	0.0167	0.7948	0.8380	0.0931
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6667	0.3333	0.6685	0.3346	0.8537
financial-risk		0.8790	0.0403	0.6671	0.8053	0.1736
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.7000	0.0857	0.4338	0.6178	0.1978
fonts10%		0.0073	0.0130	0.0001	0.0000	0.3519
forest		0.9231	0.0385	0.9069	0.8937	0.0884
gas		0.9942	0.0019	0.9941	0.9930	0.0151
gastrointestinal		1.0000	0.0000	1.0000	1.0000	0.0000
gender		0.5979	0.2681	0.4701	0.1419	0.5407
gene		0.9464	0.0358	0.9407	0.9141	0.1713
german		0.7600	0.2400	0.7248	0.4103	0.6710
gestures		0.9452	0.0274	0.9453	0.9269	0.1345
gina		0.9424	0.0576	0.9426	0.8846	0.2899
gisette		0.9743	0.0257	0.9743	0.9486	0.1615
glass		0.7143	0.0952	0.6999	0.6050	0.3157
glass-g2		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP		0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8813	0.7590	0.4804
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.4750	0.2727	0.5717
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
hapt		0.9597	0.0067	0.8777	0.9524	0.0440
har		0.9842	0.0063	0.9831	0.9800	0.0403
har70		0.9377	0.0178	0.7119	0.9069	0.1176
har701%		0.9142	0.0245	0.5379	0.8728	0.1100
har7010%		0.9321	0.0194	0.6538	0.8984	0.1076
harth1%		0.8771	0.0205	0.6017	0.8317	0.1813
harth10%		0.8911	0.0182	0.6712	0.8512	0.1736
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.5882	0.4118	0.5353	0.0480	0.8463
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.9900	0.0100	0.9884	0.9767	0.0698
heart-quantum		0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.8491	0.1509	0.8514	0.6985	0.5459

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hERG-121inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.7539	0.2461	0.7526	0.5047	0.7439
higgs0.1%		0.6927	0.3073	0.6942	0.3867	0.8250
higgs1%		0.7057	0.2943	0.7042	0.4082	0.8143
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.3571	0.1607	0.2679	0.2222	0.2572
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8870	0.1130	0.7805	0.5487	0.5584
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.6667	0.2222	0.6489	0.4050	0.4748
hotel-reservartions		0.9123	0.0877	0.8994	0.7979	0.4089
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.9916	0.0056	0.9919	0.9873	0.0344
ht-sensor10%		0.9904	0.0064	0.9908	0.9856	0.0371
htru2		0.9771	0.0229	0.9294	0.8581	0.2638
hypothyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
ilpd		0.7288	0.2712	0.6560	0.0817	0.4230
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9114	0.0068	0.9148	0.9079	0.0741
jm1		0.8228	0.1772	0.6507	0.2132	0.5861
jvowels		0.9809	0.0042	0.9785	0.9784	0.0307
kc1		0.8673	0.1327	0.6994	0.3535	0.5873
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.8504	0.0428	0.8521	0.8254	0.2401
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kepler		0.8954	0.0697	0.8574	0.8278	0.1998
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7319	0.0298	0.7896	0.7000	0.2778
krvskp		0.9655	0.0345	0.9663	0.9311	0.1844
la1s-wc		0.8825	0.0392	0.8667	0.8515	0.1896
la2s-wc		0.8775	0.0408	0.8635	0.8442	0.1887
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7353	0.0230	0.7083	0.7226	0.0659
led24		0.6500	0.0778	0.6865	0.6000	0.1971
letter		0.9445	0.0043	0.9446	0.9423	0.0639
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8333	0.0222	0.8581	0.8210	0.0779
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0001
liver		0.7941	0.2059	0.7532	0.4936	0.6779
loan		0.9883	0.0117	0.9876	0.9749	0.0628
localization		0.6819	0.0578	0.4719	0.5918	0.4341
localization10%		0.6578	0.0622	0.3919	0.5575	0.4280
lrs		0.8302	0.0485	0.7980	0.7655	0.1767
lung		0.9048	0.0381	0.9021	0.8190	0.1639
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lung-cancer		0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.9255	0.0745	0.9237	0.8472	0.3606
madelon		0.7577	0.2423	0.7583	0.5154	0.7343
magic04		0.8743	0.1257	0.8601	0.7181	0.5092
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8460	0.6883	0.5624
marketing		0.9018	0.0982	0.7781	0.5259	0.4874
maternal		0.8416	0.1056	0.8450	0.7587	0.3503
math		0.8000	0.1000	0.7475	0.6926	0.3524
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2200	0.3120	0.1279	0.0159	0.5349
messidor		0.6696	0.3304	0.6694	0.3369	0.8520
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.9550	0.0090	0.9560	0.9500	0.0520
mfeat-fou		0.8050	0.0390	0.8089	0.7833	0.1567
mfeat-kar		0.9750	0.0050	0.9756	0.9722	0.0315
mfeat-mor		0.7400	0.0520	0.7207	0.7111	0.1706
mfeat-pix		0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-zer		0.8050	0.0390	0.8062	0.7833	0.1398
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5004	0.4469	0.3866
mobile		0.9441	0.0020	0.9501	0.9430	0.0254
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9672	0.0328	0.9641	0.9257	0.1307
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4883	0.0930	0.5272	0.3802	0.5078
musk		0.9606	0.0394	0.9217	0.8347	0.1889
MUT_ci300400a_cdk_ECFP2		0.7734	0.2266	0.7728	0.5424	0.7068
MUT_ci300400a_cdk_ECFP4		0.7832	0.2168	0.7757	0.5510	0.7003
MUT_ci300400a_cdk_ECFP6		0.7557	0.2443	0.7489	0.4979	0.7468
MUT_ci300400a_cdk_ESTATE		0.7662	0.2338	0.7570	0.5114	0.7250
MUT_ci300400a_cdk_EXTENDED		0.8237	0.1763	0.8183	0.6365	0.6237
MUT_ci300400a_cdk_FCFP2		0.7665	0.2335	0.7605	0.5210	0.7290
MUT_ci300400a_cdk_FCFP4		0.8118	0.1882	0.8053	0.6099	0.6460
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.8177	0.1823	0.8122	0.6243	0.6361
MUT_ci300400a_cdk_PUBCHEM		0.8263	0.1737	0.8207	0.6412	0.6178
MUT_ci300400a_cdk_STANDARD		0.8575	0.1425	0.8535	0.7070	0.5498
MUT_ci300400a_rdkit_descriptors		0.8434	0.1566	0.8391	0.6771	0.5760
myocardial		0.8882	0.0279	0.3177	0.4309	0.0941
naticusdroid		0.9669	0.0331	0.9670	0.9339	0.1949
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.5000	0.1667	0.4000	0.4000	0.1569
ncRNA		0.9621	0.0040	0.8312	0.8981	0.2341
ncRNA1%		0.9196	0.0085	0.5252	0.7722	0.3396

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ncRNA10%		0.9304	0.0073	0.6460	0.8060	0.4004
neo		0.9204	0.0796	0.7275	0.4173	0.5114
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6743	0.3257	0.6729	0.3458	0.8534
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9629	0.0371	0.9546	0.9092	0.2455
NPHA-doctor-visits		0.5417	0.3056	0.4151	0.0361	0.3592
nursery		0.9823	0.0089	0.9646	0.9740	0.0511
obesity		0.9289	0.0203	0.9300	0.9170	0.0894
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9932	0.0068	0.9905	0.9810	0.0858
Occupancy_Estimation		0.9951	0.0025	0.9818	0.9849	0.0115
oh0-wc		0.9604	0.0079	0.9624	0.9548	0.0426
oh10-wc		0.8381	0.0324	0.8372	0.8155	0.1444
oh15-wc		0.8913	0.0217	0.9007	0.8765	0.1116
oh5-wc		0.9231	0.0154	0.9293	0.9132	0.0790
ohscal-wc		0.7939	0.0412	0.7813	0.7693	0.2807
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9246	0.0754	0.7289	0.4299	0.5286
opn310k10%		0.9256	0.0744	0.7157	0.3764	0.4789
opnat310k-hg16-17		0.9258	0.0742	0.7286	0.4159	0.4946
optdigits		0.9662	0.0068	0.9679	0.9624	0.0497
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.9000	0.0050	0.8743	0.8974	0.0168
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9368	0.0632	0.7246	0.2575	0.1626
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8557	0.1443	0.8435	0.6854	0.5704
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8968	0.1032	0.8996	0.7943	0.4192
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9872	0.0051	0.9488	0.9273	0.1045
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.9052	0.0948	0.8989	0.7977	0.4265
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.9266	0.0734	0.9096	0.8191	0.3953
particle10%		0.9215	0.0785	0.9037	0.8073	0.4138
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.6277	0.1763	0.4947
pcmac		0.5773	0.4227	0.3660	-0.0103	0.5851
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia		0.8529	0.0420	0.8513	0.8188	0.1371
pendigits		0.9927	0.0015	0.9929	0.9919	0.0131
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.7988	0.2012	0.7823	0.5626	0.6763
personalities		0.9620	0.0047	0.9621	0.9595	0.0665
pet-adoption		0.9400	0.0600	0.9319	0.8600	0.2695
phishing		0.9673	0.0327	0.9657	0.9315	0.1998
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.8913	0.0311	0.8833	0.8728	0.1100
phone-acc1%		0.9133	0.0248	0.9070	0.8986	0.0965
phone-gyr0.1%		0.9160	0.0240	0.9106	0.9018	0.1149
phone-gyr1%		0.9327	0.0192	0.9273	0.9213	0.0905
phone-gyr10%		0.9956	0.0012	0.9951	0.9949	0.0090
phoneme		0.9130	0.0870	0.8913	0.7818	0.4256

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
phy			0.7074	0.2926	0.7076	0.4149	0.8104
pima			0.6974	0.3026	0.6716	0.3235	0.8000
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.7860	0.2140	0.7786	0.5486	0.6723
plant-growth			0.7368	0.2632	0.7738	0.4571	0.4644
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5668	0.1238	0.3151	0.1725	0.2944
poker10%			0.6243	0.0939	0.3256	0.2987	0.2749
polish-1st			0.9772	0.0228	0.8204	0.5898	0.2045
polish-2nd			0.9607	0.0393	0.6652	0.2931	0.5111
polish-3rd			0.9495	0.0505	0.5641	0.0592	0.4351
polish-4th			0.9612	0.0388	0.7702	0.5067	0.4052
polish-5th			0.9543	0.0457	0.7931	0.5496	0.3677
polya			0.7816	0.2184	0.7545	0.5001	0.6974
popularity			0.6812	0.2125	0.4313	0.2592	0.4526
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.9726	0.0110	0.9724	0.9657	0.0643
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6847	0.3529	0.8074
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3333	0.1026	0.2504	0.2614	0.3527
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.7164	0.2836	0.6558	0.1989	0.6087
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9885	0.0046	0.9821	0.9846	0.0326
puc-rio10%			0.9861	0.0056	0.9755	0.9814	0.0378
pufs-1281%			0.4950	0.5050	0.4949	-0.0101	0.9990
pufs-641%			0.5029	0.4971	0.5033	0.0054	0.9301
pufs-6410%			0.4993	0.5007	0.4819	-0.0019	0.5834
pulsar			0.9832	0.0168	0.9484	0.8941	0.1404
raisin			0.9111	0.0889	0.9111	0.8222	0.3993
re0-wc			0.8733	0.0195	0.8209	0.8320	0.1204
re1-wc			0.8253	0.0140	0.5912	0.7997	0.0958
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9874	0.0126	0.9873	0.9744	0.0880
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.7126	0.2874	0.6971	0.3909	0.8075
RT_IOT2022			0.9989	0.0002	0.9805	0.9973	0.0020
satimage			0.9005	0.0332	0.8870	0.8769	0.1568
satimageF			0.9891	0.0109	0.9718	0.9435	0.1479
satimageT			0.9440	0.0560	0.8264	0.6191	0.3240
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5588	0.4412	0.6461	0.1176	0.5228
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.9810	0.0190	0.9808	0.9615	0.1284
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9697	0.0087	0.9737	0.9646	0.0384
segmentation			0.8564	0.1436	0.8452	0.6900	0.5660
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8737	0.1263	0.6687	0.0675	0.2632
sens-3-gram			0.8842	0.1158	0.6907	0.2128	0.3478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-4-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-5-gram			0.8763	0.1237	0.6772	0.0998	0.2600
sens-6-gram			0.8763	0.1237	0.6772	0.0998	0.2600
sens-7-gram			0.8658	0.1342	0.5895	0.0994	0.5596
sens-8-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sens-9-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sensorless			0.9976	0.0004	0.9976	0.9974	0.0052
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8978	0.1022	0.7893	0.5731	0.5619
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9788	0.0212	0.9084	0.7987	0.0728
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9991	0.0009	0.9986	0.9971	0.0164
skin10%			0.9992	0.0008	0.9988	0.9975	0.0129
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2400	0.3800	0.1586	-0.0270	0.5873
smk_can_187			0.5789	0.4211	0.5866	0.1264	0.8084
smoking			0.8393	0.1607	0.8329	0.6629	0.5941
soil_pollution			0.2100	0.3160	0.1971	0.0058	0.6657
solar-flare			0.7626	0.0791	0.6159	0.6933	0.1852
sonar			0.8000	0.2000	0.8000	0.6000	0.6644
soybean			1.0000	0.0000	1.0000	1.0000	0.0000
spam-detection			0.9495	0.0505	0.8643	0.7240	0.4959
spambase			0.9391	0.0609	0.9363	0.8725	0.3126
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
splice-EI			0.9685	0.0315	0.9579	0.9157	0.2138
splice-IE			0.9464	0.0536	0.9261	0.8522	0.3405
sport-articles			0.8300	0.1700	0.8188	0.6374	0.6209
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.4000	0.7059	0.2857	0.5283
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8987	0.0675	0.8717	0.8354	0.2332
steel-b			0.8821	0.1179	0.8128	0.6211	0.5536
steel-d			0.9897	0.0103	0.9069	0.7950	0.0398
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8103	0.1897	0.7870	0.5720	0.6618
steel-p			0.9282	0.0718	0.7481	0.4946	0.5864
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9795	0.0205	0.9450	0.8886	0.3044
stellar			0.9779	0.0147	0.9744	0.9607	0.0832
stock			0.9028	0.0972	0.8206	0.6135	0.4217
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9940	0.0060	0.9939	0.9879	0.0490
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.5700	0.1720	0.3193	0.2835	0.4398
student-depression			0.8315	0.1685	0.8251	0.6479	0.5991
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.4000	0.2400	0.2490	0.1427	0.5881
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.3439	0.1250	0.4979
susy1%			0.7932	0.2068	0.7928	0.5777	0.6544
susy10%			0.7951	0.2049	0.7941	0.5824	0.6572
tae			0.6000	0.2667	0.6082	0.4000	0.5332
telco-churn			0.9020	0.0980	0.8707	0.7385	0.4544
texture			0.9836	0.0030	0.9847	0.9820	0.0241
theorem			0.9951	0.0049	0.9950	0.9899	0.0434
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
thrombin			0.9738	0.0262	0.6386	0.2727	0.5721
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.9155	0.0845	0.8829	0.7623	0.4110
tis10%			0.8657	0.1343	0.8067	0.5877	0.5004
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tox_171			0.7059	0.1471	0.7208	0.6101	0.2469
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7647	0.2353	0.7536	0.3929	0.4155
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5824	0.1641	0.8579
trec11-wc			0.9268	0.0163	0.8676	0.9098	0.0238
trec12-wc			0.9355	0.0161	0.9399	0.9223	0.0292
trec21-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec23-wc			0.9048	0.0317	0.8015	0.8618	0.0774
trec31-wc			0.9462	0.0179	0.9301	0.9288	0.1033
trec41-wc			0.9432	0.0114	0.8522	0.9304	0.0612
trec45-wc			0.9420	0.0116	0.8650	0.9321	0.0458
tuandromd			0.9843	0.0157	0.9769	0.9527	0.1774
turkish			0.8000	0.1000	0.7970	0.7333	0.2083
tvnews			0.9611	0.0389	0.9580	0.9159	0.2294
tvnews1%			0.9154	0.0846	0.9085	0.8160	0.3871
tvnews10%			0.9083	0.0917	0.9011	0.8023	0.4220
ur3_cobotops_grip			0.9782	0.0218	0.7936	0.5202	0.2184
ur3_cobotops_stop			0.9714	0.0286	0.7507	0.4491	0.3641
urban			0.8507	0.0332	0.8744	0.8253	0.1333
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7738	0.1131	0.7213	0.6926	0.1907
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6465	0.0643	0.6654	0.6111	0.2116
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.8077	0.0192	0.6781	0.7838	0.1167
warpar10p			0.9231	0.0154	0.9583	0.9133	0.0343
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.9509	0.0140	0.9495	0.9425	0.0723
watch-acc10%			0.9991	0.0003	0.9991	0.9989	0.0028
watch-gyr			0.9999	0.0000	0.9999	0.9999	0.0003
watch-gyr1%			0.9457	0.0155	0.9439	0.9366	0.0720
watch-gyr10%			0.9593	0.0116	0.9577	0.9524	0.0541
water_pollution			0.2433	0.3783	0.1947	-0.0187	0.5891
waveform			0.8520	0.0987	0.8522	0.7780	0.3493
weather-related			0.9769	0.0042	0.9801	0.9739	0.0364
web-phishing			0.8815	0.0790	0.8684	0.7940	0.3657
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9982	0.0007	0.9980	0.9977	0.0055
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9814	0.0186	0.9124	0.8204	0.4051
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6918	0.1027	0.3350	0.5005	0.3432
winequality-white			0.6401	0.1200	0.4457	0.4453	0.4392
winnipeg10%			0.9929	0.0020	0.9942	0.9911	0.0174
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.6875	0.0417	0.6397	0.6653	0.0802
yeast			0.6081	0.0871	0.4585	0.4917	0.3483

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9430	0.0114	0.9374	0.9361	0.0894

Table 23: Detailed results for CALIFOREST(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.7061	0.4084	0.6173
accelerometer		0.9837	0.0163	0.6862	0.2724	0.3198
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9726	0.0274	0.9416	0.8761	0.0941
adult		0.8610	0.1390	0.7963	0.5855	0.5851
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8000	0.2000	0.4444	-0.0357	0.6563
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9998	0.0002	0.9850	0.9696	0.0014
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red		0.9943	0.0057	0.6685	0.2256	0.2865
aids		0.9014	0.0986	0.8605	0.7123	0.4372
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8536	0.1464	0.6451	0.0373	0.3118
airline		0.9603	0.0397	0.9597	0.9187	0.2131
alcohol		0.8667	0.0533	0.7004	0.7013	0.1787
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9349	0.0651	0.9290	0.8532	0.2777
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9805	0.0097	0.9453	0.9628	0.0494
anuran-genus		0.9736	0.0066	0.9246	0.9565	0.1048
anuran-species		0.9847	0.0031	0.9640	0.9788	0.0452
anxiety		0.0750	0.2056	0.0504	-0.0480	0.7093
apple-quality		0.8725	0.1275	0.8733	0.7450	0.4994
aps-failure		0.9933	0.0067	0.9001	0.7982	0.2792
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.9000	0.1000	0.9010	0.7826	0.2846
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0400	0.9032	0.8667	0.0854
avila		0.9919	0.0014	0.9882	0.9894	0.0301
balance		0.8871	0.0753	0.6122	0.7873	0.2076
bank		0.9119	0.0881	0.7660	0.5295	0.5853
banknote		0.9708	0.0292	0.9715	0.9413	0.1580
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8940	0.1060	0.8843	0.7626	0.4240
basehock		0.9849	0.0151	0.9849	0.9698	0.1049
bio		0.9977	0.0023	0.9297	0.8535	0.1106
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.9048	0.0952	0.8990	0.7981	0.4308
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
body-perf		0.7328	0.1336	0.7343	0.6438	0.4052
bookings		0.9921	0.0052	0.8442	0.9833	0.0281
brain-tumor		0.4995	0.5005	0.4775	-0.0039	0.6129
breast-cancer		0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue		0.8182	0.0606	0.7636	0.7755	0.1061
bridges		0.9000	0.0333	0.7895	0.8571	0.0318
bub10at310k-hg16-17		0.9219	0.0781	0.7038	0.3418	0.4746
bub12at310k-hg16-17		0.9195	0.0805	0.6874	0.2805	0.4391
bub8at310k-hg16-17		0.9191	0.0809	0.7122	0.4047	0.5728
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4920	0.3387	0.2198	-0.0018	0.3565
car		0.9655	0.0172	0.9634	0.9282	0.1593
car-insurance		0.8280	0.1720	0.8011	0.6021	0.6435
card		0.8696	0.1304	0.8703	0.7231	0.4278
cardiotocography		0.8920	0.0216	0.8997	0.8710	0.1350
cardiotocography-nsp		0.9624	0.0250	0.9213	0.8942	0.1349
cardiovascular		0.7126	0.2874	0.7136	0.4251	0.7988
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8250	0.1167	0.7479	0.6815	0.3452
cas_N6512_cdk_ECFP2		0.7189	0.2811	0.7256	0.4428	0.7713
cas_N6512_rdkit_ATOMPAIR		0.7492	0.2508	0.7479	0.4958	0.7523
cas_N6512_RDkit_AtomPair_FP		0.7423	0.2577	0.7405	0.4809	0.7630
cas_N6512_rdkit_AVALON		0.7926	0.2074	0.7926	0.5844	0.6768
cas_N6512_RDkit_Avalon_FP		0.7868	0.2132	0.7917	0.5762	0.6673
cas_N6512_rdkit_descriptors		0.7862	0.2138	0.7850	0.5701	0.6910
cas_N6512_rdkit_FEATMORGAN		0.7296	0.2704	0.7278	0.4557	0.7818
cas_N6512_RDkit_Featmorgan_FP		0.7592	0.2408	0.7581	0.5096	0.7194
cas_N6512_RDkit_FP		0.7883	0.2117	0.7873	0.5746	0.6870
cas_N6512_rdkit_LAYERED		0.7877	0.2123	0.7880	0.5749	0.6847
cas_N6512_RDkit_Layered_FP		0.7653	0.2347	0.7641	0.5282	0.7266
cas_N6512_rdkit_MACCS		0.7957	0.2043	0.7942	0.5884	0.6736
cas_N6512_RDkit_MACCS_FP		0.8083	0.1917	0.8078	0.6153	0.6488
cas_N6512_rdkit_MORGAN		0.7692	0.2308	0.7673	0.5339	0.7187
cas_N6512_RDkit_morgan_FP		0.7623	0.2377	0.7633	0.5248	0.7258
cas_N6512_rdkit_PATTERN		0.7877	0.2123	0.7862	0.5725	0.6882
cas_N6512_RDkit_pattern_FP		0.7776	0.2224	0.7758	0.5508	0.7041
cas_N6512_rdkit_RDKITFP		0.7849	0.2151	0.7845	0.5686	0.6918
cas_N6512_rdkit_TORSION		0.7277	0.2723	0.7257	0.4512	0.7845
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8492	0.1005	0.4233	0.1849	0.3099

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7927	0.2073	0.7781	0.5548	0.6931
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9468	0.0532	0.5693	0.0844	0.5025
census10%		0.9525	0.0475	0.7395	0.4205	0.3988
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9399	0.0301	0.9320	0.9104	0.1378
chrom19		0.9998	0.0002	0.9428	0.8828	0.1143
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9995	0.0005	0.8570	0.6894	0.1704
chronic-kidney		0.9458	0.0542	0.7819	0.4503	0.1466
churn		0.8570	0.1430	0.7552	0.4878	0.5902
churn-bigml		0.9663	0.0337	0.9299	0.8540	0.1878
ci900367j_MACCS		0.6842	0.3158	0.6452	0.2567	0.7938
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4692	0.3576	0.4823
cjs		0.9929	0.0024	0.9929	0.9913	0.0120
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8278	0.0861	0.7137	0.7321	0.3950
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.7500	0.1667	0.8028	0.6000	0.3320
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5510	0.2993	0.5338	0.3009	0.6662
cnae-9		0.9537	0.0103	0.9565	0.9479	0.0513
codon_usage		0.9263	0.0134	0.8533	0.9105	0.1363
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.8831	0.1169	0.8606	0.7179	0.5302
collins		0.9800	0.0027	0.9667	0.9780	0.0066
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2		0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3		0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.7241	0.2759	0.7273	0.4502	0.7761
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.8710	0.1290	0.8486	0.6884	0.4958
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.9840	0.0107	0.6786	0.5270	0.2712
cottonmeloidogyne		0.7548	0.2452	0.7557	0.5099	0.7381
coupon		0.7342	0.2658	0.7270	0.4528	0.7763
covid19		0.5337	0.1332	0.2043	0.1635	0.3588
covtype		0.9564	0.0125	0.9321	0.9299	0.1391
covtype10%		0.7845	0.0616	0.7375	0.6456	0.3573
covtypeCD		0.9846	0.0154	0.9669	0.9336	0.1512
covtypeT		0.9795	0.0205	0.9190	0.8374	0.2905
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9996	0.0004	0.9347	0.8603	0.0026
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9419	0.0194	0.8515	0.8827	0.2703
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.4062	0.0371	0.3174	0.3871	0.1181
customer-churn		0.9802	0.0198	0.6738	0.2900	0.4255
cybersecurity		0.1700	0.2767	0.1003	-0.0078	0.5733
cyclopentane		0.6667	0.3333	0.6750	0.3415	0.8344

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cylinder-bands		0.7963	0.2037	0.8026	0.5948	0.6428
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1012	0.1798	0.0631	-0.0008	0.4940
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8273	0.1727	0.7188	0.4136	0.6545
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9067	0.0933	0.7453	0.4781	0.5755
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.5919	0.2889	0.5108
dexter		0.9500	0.0500	0.9523	0.9000	0.2092
df_final		0.8125	0.1250	0.8296	0.7073	0.2330
DIA		0.8500	0.1500	0.7849	0.5500	0.5687
diabetes		0.9808	0.0192	0.9799	0.9590	0.0927
diabetes-100k		0.9688	0.0312	0.8921	0.7603	0.1173
diabetes-risk		0.9115	0.0885	0.8613	0.7211	0.4720
diabetic1%		0.5588	0.2941	0.3697	0.0612	0.4080
diabetic10%		0.5639	0.2908	0.3654	0.1182	0.5139
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7573	0.0971	0.7595	0.6533	0.3247
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5833	0.4167	0.5294	0.0323	0.7987
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9391	0.0609	0.7972	0.5584	0.3855
dota2		0.5677	0.4323	0.5622	0.1167	0.9326
dota210%		0.5680	0.4320	0.5626	0.1191	0.9380
drebin		0.9914	0.0086	0.9907	0.9814	0.0552
dropout		0.7698	0.1535	0.6926	0.6126	0.4516
drug-01		0.3830	0.1763	0.1330	0.0140	0.4590
drug-02		0.5160	0.1383	0.1334	0.0755	0.3770
drug-03		0.6968	0.1011	0.2158	0.0270	0.2063
drug-04		0.5213	0.1368	0.1119	0.0265	0.3678
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4362	0.1611	0.2636	0.2778	0.4441
drug-07		0.4309	0.1897	0.1007	0.0025	0.2663
drug-08		0.5904	0.1170	0.2176	0.1957	0.3707
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5160	0.1383	0.1655	0.1402	0.4564
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6223	0.1079	0.1797	0.2169	0.3626
drug-14		0.5745	0.1216	0.1870	0.1394	0.4447
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5691	0.1436	0.3042	0.2932	0.4598
drug-17		0.3777	0.1778	0.1796	0.1302	0.4834
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9214	0.0225	0.9352	0.9049	0.1212
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2900	0.3550	0.2915	0.0533	0.8070
eeg		0.5394	0.0576	0.5618	0.4895	0.5487

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
eeg-eye		0.8545	0.1455	0.8527	0.7049	0.5502
eeg10%		0.4484	0.0690	0.4421	0.3881	0.5545
email_phishing		0.9901	0.0099	0.7624	0.4408	0.2164
eucalyptus		0.6712	0.1315	0.6538	0.5748	0.3110
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq10%		0.9607	0.0393	0.9606	0.9212	0.2234
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.9010	0.0990	0.9007	0.8003	0.4224
fbis-wc		0.8455	0.0182	0.8200	0.8242	0.1140
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7451	0.2549	0.7515	0.4666	0.6613
financial-risk		0.8815	0.0395	0.6917	0.8106	0.2003
fishcatch		0.8750	0.0417	0.9249	0.8462	0.0696
fonts10%		0.5910	0.0053	0.3005	0.5649	0.3357
forest		0.9038	0.0481	0.8926	0.8672	0.1099
gas		0.9957	0.0014	0.9957	0.9948	0.0106
gastrointestinal		0.8125	0.1250	0.8474	0.7160	0.2936
gender		0.5768	0.2821	0.4484	0.1305	0.5645
gene		0.9306	0.0463	0.9227	0.8885	0.2029
german		0.7300	0.2700	0.6848	0.3317	0.7314
gestures		0.9375	0.0312	0.9380	0.9167	0.1488
gina		0.9452	0.0548	0.9453	0.8904	0.2828
gisette		0.9700	0.0300	0.9700	0.9400	0.1817
glass		0.7619	0.0794	0.7455	0.6708	0.2320
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.2667	0.3667	0.1900	-0.0185	0.5409
gsalc		0.7778	0.0741	0.7738	0.7353	0.0502
haberman		0.7000	0.3000	0.4118	-0.0630	0.7714
hapt		0.9607	0.0066	0.9001	0.9535	0.0561
har		0.9893	0.0043	0.9883	0.9865	0.0300
har70		0.9155	0.0242	0.6635	0.8742	0.1331
har701%		0.9168	0.0238	0.5390	0.8768	0.1073
har7010%		0.9313	0.0196	0.6701	0.8972	0.1242
harth1%		0.8698	0.0217	0.5713	0.8219	0.2078
harth10%		0.8780	0.0203	0.6290	0.8333	0.1967
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.5882	0.4118	0.5502	0.0916	0.9258
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.7742	0.2258	0.7941	0.5580	0.6147
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.9880	0.0120	0.9860	0.9720	0.0899
heart-quantum		0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.8474	0.1526	0.8493	0.6951	0.5528
hepmass10%		0.4970	0.5030	0.3320	0.0000	0.5287
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6982	0.3018	0.6961	0.3902	0.8202
higgs1%		0.7035	0.2965	0.7024	0.4049	0.8171
higgs10%		0.7343	0.2657	0.7335	0.4669	0.7743
higher		0.2143	0.1964	0.1429	0.0552	0.3158
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa		0.8904	0.1096	0.7856	0.5543	0.5328
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.7222	0.1852	0.6885	0.5055	0.4947
hotel-reservartions		0.9112	0.0888	0.8978	0.7936	0.4021
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.9776	0.0149	0.9786	0.9662	0.0711
ht-sensor10%		0.9779	0.0147	0.9789	0.9668	0.0703
htru2		0.9782	0.0218	0.9318	0.8611	0.2113
hypothyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9753	0.0123	0.9759	0.9671	0.0502
ionosphere		0.9429	0.0571	0.9404	0.8736	0.2987
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9037	0.0074	0.9079	0.8999	0.0776
jm1		0.8209	0.1791	0.6504	0.1499	0.4749
jvowels		0.9769	0.0051	0.9757	0.9738	0.0384
kc1		0.8720	0.1280	0.7137	0.3863	0.5769
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8269	0.1731	0.7038	0.3777	0.6558
kdc-4007		0.8180	0.0520	0.8240	0.7874	0.2722
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kepler		0.8881	0.0746	0.8470	0.8157	0.2009
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7515	0.0276	0.8132	0.7225	0.2691
krvskp		0.9655	0.0345	0.9663	0.9311	0.1844
la1s-wc		0.8889	0.0370	0.8755	0.8603	0.2037
la2s-wc		0.8510	0.0497	0.8230	0.8108	0.2232
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6471	0.0307	0.5746	0.6284	0.0973
led24		0.7500	0.0556	0.7869	0.7183	0.1389
letter		0.9550	0.0035	0.9540	0.9532	0.0541
leukemia		0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8611	0.0185	0.8931	0.8510	0.0526
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0207
liver		0.7941	0.2059	0.8039	0.5795	0.6129
loan		0.9883	0.0117	0.9876	0.9749	0.0628
localization		0.6877	0.0568	0.4763	0.6021	0.4807
localization10%		0.6614	0.0616	0.4411	0.5667	0.4814
lrs		0.8113	0.0539	0.6145	0.7363	0.1667
lung		0.8571	0.0571	0.8780	0.7418	0.1803
lung_discrete		0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
machine-failure		0.9149	0.0851	0.9121	0.8234	0.3843
madelon		0.7308	0.2692	0.7318	0.4615	0.7736
magic04		0.8722	0.1278	0.8574	0.7093	0.4971
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.9018	0.0982	0.7785	0.4783	0.3425
maternal		0.8119	0.1254	0.8164	0.7141	0.3963
math		0.8500	0.0750	0.8009	0.7661	0.2187
mba		0.8419	0.1054	0.4083	0.0715	0.2432
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2100	0.3160	0.2044	0.0044	0.5010
messidor		0.6522	0.3478	0.6518	0.3020	0.8713
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac		0.9650	0.0070	0.9660	0.9611	0.0391
mfeat-fou		0.8400	0.0320	0.8447	0.8222	0.1472
mfeat-kar		0.9750	0.0050	0.9756	0.9722	0.0315
mfeat-mor		0.7150	0.0570	0.7142	0.6833	0.1985
mfeat-pix		0.9700	0.0060	0.9708	0.9667	0.0351
mfeat-zer		0.8350	0.0330	0.8356	0.8167	0.1125
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5315	0.4475	0.3546
mobile		0.9371	0.0022	0.9403	0.9359	0.0282
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9836	0.0164	0.9820	0.9633	0.0783
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4956	0.0917	0.5264	0.3936	0.5008
musk		0.9591	0.0409	0.9184	0.8291	0.2147
MUT_ci300400a_cdk_ECFP2		0.7710	0.2290	0.7652	0.5304	0.7215
MUT_ci300400a_cdk_ECFP4		0.7832	0.2168	0.7756	0.5506	0.7000
MUT_ci300400a_cdk_ECFP6		0.7617	0.2383	0.7543	0.5084	0.7374
MUT_ci300400a_cdk_ESTATE		0.7674	0.2326	0.7583	0.5141	0.7233
MUT_ci300400a_cdk_EXTENDED		0.8261	0.1739	0.8212	0.6423	0.6192
MUT_ci300400a_cdk_FCFP2		0.7557	0.2443	0.7467	0.4925	0.7460
MUT_ci300400a_cdk_FCFP4		0.7398	0.2602	0.7305	0.4603	0.7710
MUT_ci300400a_cdk_FCFP6		0.8345	0.1655	0.8302	0.6603	0.6015
MUT_ci300400a_cdk_MACCS		0.8153	0.1847	0.8102	0.6203	0.6412
MUT_ci300400a_cdk_PUBCHEM		0.8263	0.1737	0.8201	0.6388	0.6132
MUT_ci300400a_cdk_STANDARD		0.8467	0.1533	0.8442	0.6875	0.5724
MUT_ci300400a_rdkit_descriptors		0.8358	0.1642	0.8320	0.6640	0.5971
myocardial		0.8824	0.0294	0.2939	0.4010	0.0956
naticusdroid		0.9659	0.0341	0.9660	0.9318	0.1980
NCI60		0.5000	0.1667	0.4286	0.4000	0.2097
nci9		0.3333	0.2222	0.2500	0.2000	0.3026
ncRNA		0.9620	0.0040	0.8310	0.8980	0.2446
ncRNA1%		0.9160	0.0088	0.5260	0.7649	0.3182
ncRNA10%		0.9323	0.0071	0.6590	0.8126	0.4236
neo		0.9201	0.0799	0.7218	0.3899	0.4821
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
newspop			0.6726	0.3274	0.6702	0.3396	0.8547
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9608	0.0392	0.9520	0.9040	0.2521
NPHA-doctor-visits			0.5139	0.3241	0.2263	-0.0223	0.4554
nursery			0.9892	0.0054	0.9882	0.9842	0.0395
obesity			0.9289	0.0203	0.9300	0.9169	0.0970
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9927	0.0073	0.9898	0.9796	0.0863
Occupancy_Estimation			0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc			0.8911	0.0218	0.8850	0.8760	0.1237
oh10-wc			0.7905	0.0419	0.7621	0.7606	0.1854
oh15-wc			0.8696	0.0261	0.8809	0.8520	0.1316
oh5-wc			0.8791	0.0242	0.8942	0.8639	0.1169
ohscal-wc			0.7715	0.0457	0.7620	0.7444	0.3016
olive			0.9474	0.0117	0.9385	0.9343	0.0333
opn310k			0.9253	0.0747	0.7324	0.4380	0.5270
opn310k10%			0.9285	0.0715	0.7318	0.4195	0.4799
opnat310k-hg16-17			0.9258	0.0742	0.7320	0.4319	0.5131
optdigits			0.9680	0.0064	0.9701	0.9644	0.0456
optdigitsZ			0.9982	0.0018	0.9945	0.9889	0.0098
orl			0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P			0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9407	0.0593	0.7454	0.3303	0.1556
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8608	0.1392	0.8517	0.6999	0.5532
P-Glycoprotein_c_RDkit_AtomPair_FP			0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9854	0.0059	0.9401	0.9162	0.1081
parkinson			0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons			0.9147	0.0853	0.9090	0.8152	0.3728
parkinsons-small			1.0000	0.0000	1.0000	1.0000	0.0000
particle			0.9271	0.0729	0.9103	0.8206	0.3937
particle10%			0.9185	0.0815	0.8998	0.7994	0.4235
pasture			0.7500	0.1667	0.8333	0.6364	0.1981
pc1			0.9099	0.0901	0.5693	0.1246	0.6636
pcmac			0.5722	0.4278	0.4748	-0.0123	0.7108
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia			0.8529	0.0420	0.7841	0.8184	0.1102
pendigits			0.9873	0.0025	0.9872	0.9858	0.0231
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.6582	0.3077	0.8309
persistency			0.8192	0.1808	0.8058	0.6112	0.6400
personalities			0.9622	0.0047	0.9623	0.9596	0.0656
pet-adoption			0.9400	0.0600	0.9319	0.8600	0.2695
phishing			0.9714	0.0286	0.9700	0.9397	0.1676
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%			0.8989	0.0289	0.8922	0.8819	0.1145
phone-acc1%			0.9200	0.0229	0.9142	0.9065	0.0993
phone-gyr0.1%			0.9189	0.0232	0.9140	0.9052	0.1107
phone-gyr1%			0.9406	0.0170	0.9356	0.9305	0.0826
phoneme			0.9093	0.0907	0.8859	0.7697	0.4269
phy			0.7126	0.2874	0.7149	0.4247	0.7911
pima			0.6974	0.3026	0.6716	0.3235	0.8000
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.7780	0.2220	0.7699	0.5367	0.7027
plant-growth			0.6842	0.3158	0.6960	0.3523	0.7434

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5659	0.1240	0.2877	0.1755	0.3287
poker10%			0.6341	0.0915	0.3355	0.3183	0.2966
polish-1st			0.9787	0.0213	0.8349	0.6061	0.0714
polish-2nd			0.9617	0.0383	0.6783	0.3218	0.5056
polish-3rd			0.9495	0.0505	0.5401	0.0279	0.4040
polish-4th			0.9633	0.0367	0.7807	0.4977	0.2896
polish-5th			0.9526	0.0474	0.7853	0.5395	0.4026
polya			0.7838	0.2162	0.7571	0.5050	0.6930
popularity			0.6822	0.2119	0.4327	0.2672	0.4548
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.9775	0.0090	0.9772	0.9718	0.0540
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6816	0.3529	0.8237
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.4242	0.0886	0.3341	0.3641	0.2949
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.7164	0.2836	0.6476	0.2214	0.6914
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9879	0.0049	0.9807	0.9837	0.0366
puc-rio10%			0.9843	0.0063	0.9724	0.9789	0.0423
pufs-1281%			0.4892	0.5108	0.4891	-0.0217	1.0000
pufs-641%			0.4888	0.5112	0.4860	-0.0230	0.9498
pufs-6410%			0.5032	0.4968	0.5036	0.0061	0.9414
pulsar			0.9848	0.0152	0.9537	0.9065	0.1679
raisin			0.9000	0.1000	0.9001	0.8000	0.4311
re0-wc			0.8400	0.0246	0.8329	0.7922	0.1953
re1-wc			0.7831	0.0173	0.5587	0.7495	0.1430
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9857	0.0143	0.9856	0.9711	0.0960
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6894	0.3106	0.6738	0.3461	0.8407
RT_IOT2022			0.0163	0.1639	0.0027	0.0000	0.1787
satimage			0.9051	0.0316	0.8902	0.8826	0.1484
satimageF			0.9922	0.0078	0.9801	0.9602	0.1342
satimageT			0.9393	0.0607	0.8097	0.5839	0.3617
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5294	0.4706	0.5315	0.0588	0.9560
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.9795	0.0205	0.9793	0.9585	0.1323
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9697	0.0087	0.9751	0.9646	0.0317
segmentation			0.8416	0.1584	0.8312	0.6610	0.5971
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8737	0.1263	0.6404	0.0934	0.3668
sens-3-gram			0.8816	0.1184	0.6802	0.1842	0.3526
sens-4-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sens-5-gram			0.8763	0.1237	0.6772	0.0998	0.2600
sens-6-gram			0.8737	0.1263	0.6687	0.0675	0.2632
sens-7-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sens-8-gram			0.8711	0.1289	0.6601	0.0342	0.2664

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-9-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sensorless			0.9985	0.0003	0.9985	0.9983	0.0034
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9043	0.0957	0.7967	0.5764	0.5004
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9841	0.0159	0.9325	0.8554	0.0582
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9991	0.0009	0.9986	0.9971	0.0148
skin10%			0.9992	0.0008	0.9988	0.9975	0.0129
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2400	0.3800	0.0968	-0.0259	0.4864
smk_can_187			0.7368	0.2632	0.7449	0.4633	0.6993
smoking			0.8418	0.1582	0.8358	0.6684	0.5880
soil_pollution			0.2300	0.3080	0.1380	0.0294	0.5020
solar-flare			0.7626	0.0791	0.6039	0.6934	0.1884
sonar			0.5000	0.5000	0.5000	0.0000	0.9713
soybean			1.0000	0.0000	1.0000	1.0000	0.0000
spam-detection			0.9495	0.0505	0.8554	0.7098	0.4894
spambase			0.9326	0.0674	0.9294	0.8573	0.3170
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
splice-EI			0.9685	0.0315	0.9586	0.9171	0.2344
splice-IE			0.9401	0.0599	0.9174	0.8348	0.3664
sport-articles			0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			0.9892	0.0108	0.9885	0.9767	0.0905
steel_industry			0.9055	0.0630	0.8819	0.8465	0.2228
steel-b			0.8872	0.1128	0.8246	0.6477	0.5505
steel-d			0.9897	0.0103	0.9069	0.7950	0.0398
steel-k			0.9795	0.0205	0.9683	0.9347	0.0802
steel-o			0.8051	0.1949	0.7799	0.5558	0.6667
steel-p			0.9231	0.0769	0.7374	0.4744	0.6071
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9795	0.0205	0.9450	0.8886	0.3044
stellar			0.9773	0.0151	0.9737	0.9596	0.0864
stock			0.9097	0.0903	0.8413	0.6805	0.5000
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9920	0.0080	0.9920	0.9838	0.0512
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.5700	0.1720	0.4121	0.2890	0.4268
student-depression			0.8305	0.1695	0.8245	0.6487	0.6089
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3692	0.2523	0.2403	0.1027	0.6231
student-workday			0.6875	0.1250	0.1676	0.0698	0.3234
studentap			0.3846	0.4103	0.3238	0.0370	0.7083
susy1%			0.7952	0.2048	0.7937	0.5836	0.6634
susy10%			0.7952	0.2048	0.7942	0.5827	0.6573
tae			0.4667	0.3556	0.4762	0.2000	0.5980
telco-churn			0.9048	0.0952	0.8757	0.7505	0.4597
texture			0.9709	0.0053	0.9730	0.9679	0.0411
theorem			0.9967	0.0033	0.9967	0.9933	0.0312
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.6769	0.3239	0.4864
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.9162	0.0838	0.8848	0.7681	0.4245
tis10%			0.8582	0.1418	0.7948	0.5597	0.5134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tox_171			0.8235	0.0882	0.8375	0.7650	0.1709
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7647	0.2353	0.7310	0.4426	0.7072
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.6933	0.3067	0.5547	0.1085	0.8742
trec11-wc			0.8293	0.0379	0.6806	0.7897	0.1261
trec12-wc			0.8387	0.0403	0.7951	0.8050	0.0800
trec21-wc			0.9394	0.0242	0.9463	0.8745	0.1300
trec23-wc			0.7619	0.0794	0.5367	0.6535	0.2391
trec31-wc			0.9462	0.0179	0.9401	0.9283	0.0963
trec41-wc			0.9205	0.0159	0.7415	0.9023	0.0795
trec45-wc			0.8696	0.0261	0.8098	0.8482	0.0997
tuandromd			0.9843	0.0157	0.9769	0.9527	0.1774
turkish			0.7750	0.1125	0.7696	0.7000	0.2689
tvnews			0.9628	0.0372	0.9598	0.9197	0.2234
tvnews1%			0.9154	0.0846	0.9085	0.8160	0.3871
tvnews10%			0.9036	0.0964	0.8957	0.7908	0.4303
ur3_cobotops_grip			0.9782	0.0218	0.7946	0.5457	0.2969
ur3_cobotops_stop			0.9769	0.0231	0.8135	0.6108	0.3722
urban			0.8209	0.0398	0.8265	0.7893	0.1549
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7143	0.1429	0.7221	0.6282	0.1362
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.5758	0.0771	0.6039	0.5333	0.2422
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
warpar10p			0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p			0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc1%			0.9523	0.0136	0.9506	0.9442	0.0647
watch-acc10%			0.9703	0.0085	0.9694	0.9652	0.0416
watch-gyr			0.9999	0.0000	0.9999	0.9999	0.0003
watch-gyr1%			0.9548	0.0129	0.9532	0.9472	0.0624
watch-gyr10%			0.9680	0.0092	0.9666	0.9626	0.0434
water_pollution			0.2567	0.3717	0.1429	-0.0041	0.4618
waveform			0.8480	0.1013	0.8484	0.7720	0.3549
weather-related			0.9788	0.0038	0.9810	0.9760	0.0254
web-phishing			0.8519	0.0988	0.8016	0.7376	0.4100
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9987	0.0005	0.9986	0.9984	0.0040
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9834	0.0166	0.9247	0.8432	0.3929
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6730	0.1090	0.3421	0.4641	0.3233
winequality-white			0.6421	0.1193	0.4417	0.4516	0.4600
winnipeg10%			0.9929	0.0020	0.9944	0.9911	0.0171
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.6875	0.0417	0.6797	0.6667	0.0824
yeast			0.5878	0.0916	0.4377	0.4653	0.3600
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1			0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.9419	0.0116	0.9361	0.9349	0.0891

Table 24: Detailed results for CARD

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1583	0.0580	0.0483	0.0643	0.3946
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9816	0.0184	0.4953	-0.0012	0.2266
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9390	0.0610	0.8634	0.7102	0.3304
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.8360	0.0547	0.8423	0.8032	0.1255
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7559	0.2441	0.6308	0.2507	0.8000
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.7079	0.1169	0.1658	0.0000	0.2204
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.7928	0.1036	0.5218	0.5783	0.3118
anuran-genus		0.6829	0.0793	0.3777	0.4264	0.3617
anuran-species		0.7597	0.0481	0.4780	0.6541	0.2452
anxiety		0.0917	0.2019	0.0743	-0.0267	0.7669
apple-quality		0.5275	0.4725	0.5275	0.0550	0.9832
aps-failure		0.9824	0.0176	0.6961	0.3713	0.4877
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.5556	0.0889	0.0714	0.0000	0.2612
auction		0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.6522	0.0290	0.2653	0.5828	0.0825
audit-risk		0.8974	0.1026	0.8923	0.7835	0.4381
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.5000	0.1667	0.3197	0.3243	0.3049
avila		0.4332	0.0945	0.1060	0.0803	0.3388
babies		0.4274	0.1636	0.1384	0.0873	0.4145
balance		0.6290	0.2473	0.4334	0.3030	0.4915
bank		0.8934	0.1066	0.6537	0.2342	0.5402
banknote		0.8832	0.1168	0.8823	0.7644	0.4810
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.7811	0.2189	0.7571	0.4808	0.6328
basehock		0.6533	0.3467	0.7181	0.3089	0.5045
bio		0.9955	0.0045	0.8558	0.6746	0.1095
bio10%		0.9952	0.0048	0.8502	0.6933	0.3223
biodeg		0.6571	0.3429	0.6097	0.1783	0.8050
biomed		0.8571	0.1429	0.8568	0.6736	0.3386
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.4649	0.2675	0.4355	0.2866	0.6224
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.6364	0.3636	0.6333	0.2667	0.8952
breast-tissue		0.7273	0.0909	0.6655	0.6667	0.1595
bridges		0.7000	0.0857	0.5568	0.6104	0.1474
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography		0.4977	0.1005	0.3320	0.3734	0.3548
cardiotocography-nsp		0.8075	0.1283	0.5626	0.3019	0.3353
cardiovascular		0.5944	0.4056	0.5993	0.1885	0.9038
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5252	0.3946	0.6054
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5923	0.4077	0.6124	0.2053	0.8699
cas_N6512_RDkit_AtomPair_FP		0.5859	0.4141	0.6112	0.1965	0.8549
cas_N6512_rdkit_AVALON		0.5914	0.4086	0.6455	0.2193	0.7294
cas_N6512_RDkit_Avalon_FP		0.5905	0.4095	0.6470	0.2178	0.7187
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.6273	0.3727	0.6318	0.2598	0.8898
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5831	0.4169	0.6461	0.2060	0.6971

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6166	0.3834	0.6119	0.2176	0.8794
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.1667	0.8333	0.1429	-0.6667	0.9586
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.6956	0.1522	0.5713	0.5161	0.2080
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9986	0.0014	0.5484	0.0795	0.4996
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7700	0.2300	0.4725	-0.0262	0.7329
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.1730	0.0165	0.0982	0.1646	0.2366
cirrhosis		0.6667	0.2222	0.4547	0.2687	0.3783
cjs		0.7857	0.0714	0.8034	0.7331	0.1498
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.5324	0.2338	0.2963	0.2225	0.4549
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6667	0.3333	0.4065
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4854	0.2086	0.7421
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.5234	0.0867	0.2399	0.4045	0.4108
coil20		0.6389	0.0361	0.6290	0.6199	0.1942
college		0.8182	0.1818	0.7591	0.5127	0.6711
collins		0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor		0.3333	0.6667	0.3750	-0.2000	0.9308
colposcopies-1		0.5517	0.4483	0.3556	-0.1893	0.9704
colposcopies-2		0.5862	0.4138	0.4820	-0.0235	0.8868
colposcopies-3		0.5862	0.4138	0.5287	0.0279	0.7720
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.8276	0.1724	0.7526	0.3777	0.3360
column-2c		0.7742	0.2258	0.7489	0.4965	0.7317
column-3c		0.7742	0.1505	0.6696	0.6252	0.2830
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.6082	0.3918	0.6165	0.2188	0.8808
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.4792	0.1488	0.1516	0.0165	0.2712
covtype		0.6249	0.1072	0.1919	0.3215	0.2929
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.5000	0.2500	0.3333	0.3333	0.2044
creditcard_trans		0.9987	0.0013	0.7588	0.4716	0.3048
creditcard_trans10%		0.9986	0.0014	0.7605	0.4993	0.3807
crowdsourced		0.7806	0.0731	0.3300	0.4483	0.2327
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.1875	0.0406	0.1286	0.1663	0.1112
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1500	0.2833	0.1183	-0.0288	0.6949
cyclopentane		0.7778	0.2222	0.7814	0.5345	0.6228
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dating		0.1014	0.1797	0.0458	0.0003	0.5437
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8263	0.1737	0.7128	0.3858	0.6261
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8865	0.1135	0.6445	0.2290	0.5794
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8649	0.0450	0.7971	0.8296	0.0495
desharnais		0.6250	0.2500	0.5009	0.3514	0.4961
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k		0.9402	0.0598	0.7769	0.4354	0.1576
diabetes-risk		0.7991	0.2009	0.6273	0.2109	0.7052
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.6667	0.3333	0.7447	0.3846	0.5164
diamonds		0.9333	0.0333	0.9238	0.9074	0.0985
diamonds_all		0.4661	0.2136	0.2100	0.1449	0.3661
dishonest		0.7812	0.2188	0.7475	0.3708	0.3932
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5000	0.5000	0.4203	-0.1250	0.9838
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.6998	0.2001	0.5249	0.4499	0.3535
drug-01		0.4043	0.1702	0.1202	0.0199	0.3499
drug-02		0.5106	0.1398	0.1614	0.0588	0.4460
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3777	0.1778	0.1531	0.1937	0.4407
drug-07		0.4628	0.1535	0.1398	0.0822	0.3388
drug-08		0.5372	0.1322	0.1618	0.0356	0.3710
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5213	0.1368	0.1300	0.0532	0.3830
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-13		0.6064	0.1125	0.1662	0.1894	0.3341
drug-14		0.6011	0.1140	0.1909	0.1077	0.2525
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5745	0.1216	0.2270	0.2817	0.3793
drug-17		0.3511	0.1854	0.1605	0.0886	0.5354
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.8479	0.0435	0.8686	0.8156	0.1975
ecoli		0.7353	0.0662	0.3021	0.6203	0.1561
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU		0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.1900	0.4050	0.1880	-0.0793	0.8764
eeg		0.2013	0.0998	0.1565	0.1017	0.6063
eeg-eye		0.5561	0.4439	0.5303	0.0439	0.8743
eeg10%		0.2555	0.0931	0.1803	0.1607	0.5594
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5479	0.1808	0.4820	0.3904	0.3751
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.6057	0.0464	0.6071	0.5411	0.3160
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.6590	0.1137	0.3010	0.3946	0.2542
fishcatch		0.7500	0.0833	0.5511	0.6735	0.1143
flags		0.3000	0.2000	0.0659	0.0000	0.3486
fonts10%		0.1762	0.0108	0.0058	0.0959	0.3339
forest		0.7692	0.1154	0.7683	0.6797	0.2587
gas		0.6549	0.1150	0.6647	0.5854	0.3631
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6021	0.2653	0.3813	0.1468	0.5107
gene		0.5110	0.3260	0.2255	0.0000	0.3731
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2577	0.3711	0.2750	0.0085	0.6200
gina		0.7493	0.2507	0.7660	0.4947	0.6414
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.4762	0.1746	0.4200	0.2196	0.3170
glass-g2		0.6250	0.3750	0.6667	0.2941	0.7744
glassBWFP		0.6667	0.3333	0.6240	0.1967	0.7731
glassBWNFP		0.6190	0.3810	0.5000	0.0000	0.9172
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.7895	0.5000	0.5283
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.3333	0.3333	0.3415	0.0798	0.6744
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7000	0.3000	0.4118	-0.0630	0.7714
hapt		0.7374	0.0438	0.4749	0.6880	0.1961
har		0.4546	0.2181	0.4518	0.2930	0.6335

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har70		0.7533	0.0705	0.3840	0.6011	0.1749
har701%		0.7270	0.0780	0.3759	0.5619	0.2346
har7010%		0.5384	0.1319	0.2349	0.1810	0.3045
harth		0.4751	0.0875	0.0877	0.0729	0.2719
harth1%		0.5270	0.0788	0.1549	0.2001	0.2440
harth10%		0.4735	0.0877	0.0870	0.0693	0.2721
hayes-roth		0.3125	0.4583	0.2304	-0.1282	0.8743
hcc-survival		0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.6129	0.3871	0.6151	0.2282	0.9083
heart-c		0.6667	0.3333	0.6637	0.3243	0.8571
heart-failure		0.8480	0.1520	0.8172	0.6224	0.5545
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%		0.8007	0.1993	0.8011	0.6011	0.6595
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6073	0.3927	0.6033	0.1970	0.9008
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.1429	0.2143	0.0833	-0.0500	0.4435
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8398	0.1602	0.6389	0.1583	0.5162
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5000	0.3333	0.3400	0.0137	0.6800
hotel-reservartions		0.7671	0.2329	0.7191	0.4126	0.7021
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3610	0.4260	0.2967	0.0692	0.6240
ht-sensor10%		0.4930	0.3380	0.5076	0.2394	0.6990
htru2		0.9760	0.0240	0.9240	0.8413	0.1741
hypothyroid		0.9204	0.0398	0.3849	0.2531	0.1747
hypothyroidT		0.9496	0.0504	0.7956	0.4928	0.1391
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.8767	0.0617	0.8802	0.8356	0.1911
ionosphere		0.9143	0.0857	0.9022	0.7853	0.2404
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.8600	0.1400	0.8695	0.7059	0.3522
isolet		0.4442	0.0428	0.4615	0.4219	0.3500
jm1		0.8099	0.1901	0.6030	0.1071	0.5776
jvowels		0.4759	0.1165	0.4063	0.4022	0.4851
kc1		0.8483	0.1517	0.6483	0.2611	0.6660
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.5000	0.0417	0.0307	0.0755	0.2419
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.7782	0.1478	0.7353	0.6242	0.2313
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.7750	0.2250	0.7841	0.5500	0.6640

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krkopt		0.2307	0.0855	0.0848	0.1098	0.4854
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc		0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.2353	0.0382	0.1229	0.2163	0.1429
led24		0.4500	0.1100	0.3231	0.3785	0.2413
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.3135	0.0528	0.2626	0.2860	0.4588
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.3611	0.0852	0.4000	0.3163	0.2737
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9993	0.0007	0.9522	0.9044	0.2113
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.6765	0.3235	0.6393	0.2780	0.8579
loan		0.9274	0.0726	0.9223	0.8437	0.3456
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.7170	0.0566	0.2968	0.6031	0.1674
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		0.7500	0.0714	0.4750	0.6800	0.1016
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4014	0.5882	0.2627
lymphoma2		0.6667	0.1111	0.4545	0.5500	0.1027
machine-failure		0.9255	0.0745	0.9272	0.8494	0.3379
madelon		0.6385	0.3615	0.6386	0.2769	0.8914
magic04		0.7291	0.2709	0.6883	0.3668	0.7886
malware		0.8108	0.1892	0.4478	0.0000	0.3405
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.5743	0.2838	0.4880	0.3291	0.4051
math		0.8250	0.0875	0.8178	0.7252	0.2331
mba		0.8371	0.1086	0.3940	0.0965	0.3134
mental-disorders		0.5000	0.2500	0.3333	0.3333	0.2044
mental-health		0.2233	0.3107	0.1673	0.0192	0.5980
messidor		0.5913	0.4087	0.5938	0.1854	0.9231
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		0.8889	0.0741	0.8889	0.8302	0.1290
meter-C		0.6111	0.1944	0.6679	0.4498	0.3693
meter-D		0.6111	0.1944	0.4222	0.4299	0.2079
mfeat-fac		0.7050	0.0590	0.7053	0.6722	0.2501
mfeat-fou		0.6100	0.0780	0.5830	0.5667	0.3239
mfeat-kar		0.5800	0.0840	0.5588	0.5333	0.3421
mfeat-mor		0.5450	0.0910	0.5236	0.4944	0.2554
mfeat-pix		0.6150	0.0770	0.6308	0.5722	0.3301
mfeat-zer		0.5500	0.0900	0.5483	0.5000	0.4045
mice-prot		0.4352	0.1412	0.3920	0.3488	0.4030
milk		0.6132	0.2579	0.6379	0.4156	0.5375
mines		0.5588	0.1765	0.5124	0.4426	0.3784
mobile		0.1923	0.0288	0.1628	0.1775	0.3391
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-3		0.7679	0.2321	0.7886	0.5285	0.5651
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.5178	0.4822	0.3412	0.0000	0.5256
music		0.3794	0.1128	0.2950	0.2089	0.5150
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.6539	0.3461	0.6585	0.3109	0.8542
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6222	0.6000	0.1039
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7905	0.0221	0.0634	0.1458	0.1504
ncRNA1%		0.8473	0.0161	0.1156	0.5271	0.1538
ncRNA10%		0.7796	0.0232	0.0721	0.0602	0.1492
neo		0.8940	0.1060	0.5480	0.0530	0.5746
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.5858	0.4142	0.5816	0.1428	0.8845
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.8497	0.1503	0.8147	0.6293	0.6079
NPHA-doctor-visits		0.5278	0.3148	0.3416	0.0137	0.4489
nursery		0.6628	0.1686	0.4276	0.4962	0.1594
obesity		0.3839	0.1760	0.3677	0.2767	0.4756
obs		0.7130	0.1435	0.7713	0.5541	0.2946
occupancy		0.9864	0.0136	0.9815	0.9624	0.1469
Occupancy_Estimation		0.9131	0.0434	0.5820	0.7227	0.0816
oh0-wc		0.8020	0.0396	0.8434	0.7697	0.1333
oh10-wc		0.6286	0.0743	0.7071	0.5732	0.2700
oh15-wc		0.6739	0.0652	0.7014	0.6207	0.2525
oh5-wc		0.1648	0.1670	0.0283	0.0000	0.3885
olive		0.8070	0.0429	0.7111	0.7554	0.1188
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.5250	0.0238	0.4672	0.5128	0.0844
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9232	0.0307	0.4321	0.3968	0.1560
parkinson		0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons		0.6825	0.3175	0.6604	0.3206	0.8534
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle			0.8157	0.1843	0.7545	0.4735	0.5985
particle10%			0.8169	0.1831	0.7565	0.4877	0.6211
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5412	0.4588	0.3883	-0.0768	0.8399
pcos			0.9933	0.0067	0.9896	0.9789	0.0328
pd			0.7763	0.2237	0.6865	0.3704	0.7677
pediatric-leukemia			0.2353	0.2185	0.0544	0.0000	0.3686
pendigits			0.5077	0.0985	0.5019	0.4539	0.4212
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.5556	0.4444	0.3571	-0.2000	0.9762
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
personalities			0.1395	0.1076	0.0820	0.0821	0.5765
pet-adoption			0.7350	0.2650	0.7114	0.4208	0.7826
phishing			0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1609	0.2397	0.0745	0.0001	0.4872
phone-acc0.1%			0.4449	0.1586	0.3666	0.3460	0.4775
phone-acc1%			0.3500	0.1857	0.3231	0.2277	0.4583
phone-acc10%			0.2743	0.2073	0.1544	0.1312	0.4134
phone-gyr			0.1932	0.2305	0.0731	0.0426	0.3849
phone-gyr0.1%			0.5836	0.1190	0.4813	0.5093	0.3195
phone-gyr1%			0.4504	0.1570	0.3462	0.3553	0.3635
phone-gyr10%			0.3273	0.1922	0.1785	0.2050	0.3457
phoneme			0.7296	0.2704	0.6188	0.2092	0.7914
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7500	0.2500	0.7337	0.4412	0.6999
pirvision			0.8877	0.0749	0.6382	0.5301	0.1265
placement			0.7360	0.2640	0.7285	0.4571	0.7766
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.5978	0.0332	0.2464
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.6919	0.3081	0.6438	0.2737	0.8324
popularity			0.6305	0.2463	0.3080	0.0015	0.3479
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.4827	0.2069	0.4796	0.3509	0.4835
pred-tox_mutagen_ref-desc			0.7059	0.2941	0.7059	0.4118	0.8134
prestige			0.6667	0.2222	0.5556	0.4490	0.2851
primary-tumor			0.4242	0.0523	0.1359	0.3428	0.2285
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6269	0.3731	0.6016	0.2005	0.8860
promoters			0.7000	0.3000	0.7674	0.4444	0.5112
prostate			0.7143	0.2857	0.7058	0.3913	0.7630
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.6455	0.1418	0.5143	0.5028	0.3308
puc-rio10%			0.5836	0.1666	0.5098	0.4208	0.4776
pufs-1281%			0.4883	0.5117	0.4883	-0.0233	1.0000
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.5025	0.4975	0.5025	0.0050	0.9986
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9697	0.0303	0.9038	0.7903	0.1344

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
raisin			0.9333	0.0667	0.9333	0.8667	0.3271
re0-wc			0.6733	0.0503	0.5737	0.5314	0.2986
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9819	0.0181	0.9817	0.9633	0.1200
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.6843	0.1052	0.5906	0.5984	0.2874
satimageF			0.9627	0.0373	0.8979	0.7736	0.1150
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9048	0.0635	0.9048	0.8571	0.1813
segment			0.7835	0.0618	0.8070	0.7474	0.2086
segmentation			0.7822	0.2178	0.7541	0.4939	0.6837
segmentO			0.8961	0.1039	0.7788	0.5536	0.5818
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9560	0.0440	0.8819	0.7633	0.4382
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.6125	0.0705	0.6187	0.5737	0.3022
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8775	0.1225	0.7206	0.3721	0.5011
shuttle			0.8416	0.0453	0.3874	0.3816	0.2001
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.8706	0.1294	0.7965	0.5916	0.6001
skin10%			0.8603	0.1397	0.7798	0.5579	0.6266
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.6316	0.3684	0.6333	0.2652	0.8937
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2200	0.3120	0.2224	0.0233	0.8485
solar-flare			0.7410	0.0863	0.6102	0.6673	0.1817
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.1324	0.0913	0.0123	0.0000	0.3690
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.6043	0.3957	0.3767	0.0000	0.4981
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7429	0.2571	0.6446	0.2588	0.7661
spectrometer			0.3269	0.0499	0.1702	0.2775	0.2384
splice-EI			0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE			0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles			0.7800	0.2200	0.7583	0.5118	0.7066
squash-stored			0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5996	0.2669	0.5262	0.2839	0.6192
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9538	0.0462	0.9277	0.8544	0.2918
steel-o			0.7231	0.2769	0.6778	0.2882	0.6790
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9692	0.0308	0.7646	0.3900	0.0945
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.9399	0.0401	0.9306	0.8919	0.1725
stock			0.8611	0.1389	0.7725	0.5443	0.6484
stockb			0.9075	0.0617	0.9110	0.8613	0.1621
streaming			0.7580	0.2420	0.7559	0.5117	0.7391
stress			0.9524	0.0190	0.9558	0.9404	0.0607
student-lifestyle			0.6250	0.1500	0.2762	0.3606	0.3313
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4200	0.2320	0.1947	0.0738	0.4531
student-weekend			0.3231	0.2708	0.1389	0.0066	0.6165
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7144	0.2856	0.7295	0.4018	0.6545
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.7930	0.2070	0.7534	0.5054	0.7099
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.7902	0.2098	0.7819	0.5033	0.5126
tae			0.4667	0.3556	0.4714	0.2000	0.6833
telco-churn			0.8040	0.1960	0.7259	0.4316	0.6774
texture			0.6727	0.0595	0.6926	0.6405	0.2516
theorem			0.5712	0.4288	0.6846	0.2305	0.5291
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.6737	0.3263	0.6434	0.2861	0.8589
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.7059	0.1471	0.7348	0.6119	0.1908
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.7097	0.0726	0.6177	0.6372	0.1697
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.9140	0.0287	0.9333	0.8852	0.0937
trec41-wc			0.7727	0.0455	0.6297	0.7224	0.1920
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.6500	0.1750	0.6304	0.5333	0.4050
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.6418	0.0796	0.6148	0.5781	0.2583
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.4881	0.2560	0.5037	0.3209	0.5876

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vehicleVAN			0.7738	0.2262	0.6464	0.2400	0.6976
voice			0.7500	0.2500	0.7044	0.4000	0.7643
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.3232	0.1230	0.2564	0.2556	0.2921
vowelZ			1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.6923	0.0615	0.6741	0.6556	0.1049
warppie10p			0.8095	0.0381	0.8416	0.7884	0.0779
watch-acc			0.2871	0.2037	0.1608	0.1520	0.4992
watch-acc1%			0.2926	0.2021	0.2121	0.1591	0.5318
watch-acc10%			0.3341	0.1903	0.2624	0.2142	0.4968
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.3297	0.1915	0.2720	0.2118	0.4454
watch-gyr10%			0.2724	0.2079	0.1217	0.1376	0.3732
water_pollution			0.2233	0.3883	0.2141	-0.0397	0.8164
waveform			0.7520	0.1653	0.7526	0.6279	0.4868
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8000	0.1333	0.5513	0.6221	0.3391
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.8800	0.0600	0.8815	0.8400	0.1998
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5597	0.1468	0.2307	0.2588	0.3740
winequality-white			0.5153	0.1616	0.3026	0.2171	0.4739
winnipeg			0.8329	0.0477	0.7467	0.7876	0.2076
winnipeg10%			0.8696	0.0373	0.7997	0.8344	0.1691
wisc_bc			0.8596	0.1404	0.8492	0.6984	0.5547
yale			0.3125	0.0917	0.2893	0.2636	0.1834
yeast			0.4054	0.1189	0.2337	0.2270	0.3927
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.5387	0.0923	0.5279	0.4818	0.4524

Table 25: Detailed results for CART

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1631	0.0577	0.0845	0.0737	0.4031
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.6500	0.3500	0.6508	0.3000	0.8761
ads		0.9207	0.0793	0.8203	0.5695	0.1985
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7905	0.2095	0.4415	-0.0519	0.7262
AID_602330		0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8169	0.1831	0.7747	0.5426	0.6745
air_pollution		0.4000	0.1714	0.1084	0.0026	0.4318
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8734	0.1266	0.8724	0.7440	0.5063
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.8791	0.1209	0.8694	0.7168	0.3842
anneal		0.6517	0.1393	0.2649	0.2942	0.2904
antivirus		0.9730	0.0270	0.9599	0.9165	0.2605
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8248	0.0876	0.4184	0.6499	0.2545
anuran-genus		0.7427	0.0643	0.2036	0.5577	0.2024
anuran-species		0.6125	0.0775	0.1544	0.4411	0.2087
anxiety		0.0917	0.2019	0.0365	-0.0336	0.6127
apple-quality		0.6825	0.3175	0.6857	0.3650	0.8263
aps-failure		0.9816	0.0184	0.4954	-0.0008	0.1805
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.5500	0.4500	0.5856	0.1509	0.8702
arrhythmia		0.6222	0.0581	0.1067	0.2350	0.2108
auction		0.9314	0.0686	0.8329	0.6577	0.4494
audiology		0.4348	0.0471	0.0538	0.2864	0.2017
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.4500	0.1833	0.1862	0.2143	0.3048
avila		0.5103	0.0816	0.2584	0.3027	0.2875
babies		0.4839	0.1475	0.1587	0.1720	0.3504
balance		0.7903	0.1398	0.5500	0.6080	0.3339
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9562	0.0438	0.9557	0.9113	0.2432
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8249	0.1751	0.8118	0.5853	0.4974
basehock		0.7035	0.2965	0.7506	0.4087	0.5360
bio		0.9960	0.0040	0.8734	0.7219	0.1258
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.7333	0.2667	0.7234	0.4453	0.7788
biomed		0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin		0.9858	0.0010	0.0342	0.0000	0.0117
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0010	0.0342	0.0000	0.0117
body-perf		0.4060	0.2970	0.4307	0.2080	0.4000
bookings		0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor		0.4985	0.5015	0.4996	-0.0001	0.6080
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.3636	0.6364	0.3667	-0.2623	1.0000
breast-cancer-ma		0.6364	0.3636	0.6553	0.2903	0.8322
breast-tissue		0.7273	0.0909	0.5880	0.6598	0.1537
bridges		0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17		0.9090	0.0910	0.5732	0.0049	0.2417
bub12at310k-hg16-17		0.8612	0.1284	0.6263	0.2463	0.6971
bub8at310k-hg16-17		0.8598	0.1281	0.6371	0.2829	0.6929
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9130	0.0870	0.9164	0.8189	0.3522
cancer-uae		0.4950	0.3367	0.4005	0.0043	0.3461
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.8030	0.1970	0.7816	0.5599	0.6809
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.7887	0.0423	0.6570	0.7416	0.1767
cardiotocography-nsp		0.8404	0.1064	0.7317	0.6004	0.4750
cardiovascular		0.7115	0.2885	0.7151	0.4230	0.7867
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6500	0.2333	0.4907	0.4055	0.5127
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5923	0.4077	0.6124	0.2053	0.8699
cas_N6512_RDkit_AtomPair_FP		0.5859	0.4141	0.6112	0.1965	0.8549
cas_N6512_rdkit_AVALON		0.5914	0.4086	0.6455	0.2193	0.7294
cas_N6512_RDkit_Avalon_FP		0.5905	0.4095	0.6470	0.2178	0.7187
cas_N6512_rdkit_descriptors		0.5815	0.4185	0.6433	0.2029	0.7040
cas_N6512_rdkit_FEATMORGAN		0.5745	0.4255	0.6295	0.1887	0.7408
cas_N6512_RDkit_Featmorgan_FP		0.5583	0.4417	0.6169	0.1598	0.7352
cas_N6512_RDkit_FP		0.6273	0.3727	0.6318	0.2598	0.8898
cas_N6512_rdkit_LAYERED		0.5923	0.4077	0.6221	0.2111	0.8314
cas_N6512_RDkit_Layered_FP		0.5813	0.4187	0.6129	0.1915	0.8330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.5868	0.4132	0.6306	0.2074	0.7783
cas_N6512_RDkit_MACCS_FP		0.6150	0.3850	0.6688	0.2623	0.7039
cas_N6512_rdkit_MORGAN		0.5831	0.4169	0.6461	0.2060	0.6971
cas_N6512_RDkit_morgan_FP		0.5552	0.4448	0.6214	0.1563	0.7053
cas_N6512_rdkit_PATTERN		0.6385	0.3615	0.6336	0.2637	0.8875
cas_N6512_RDkit_pattern_FP		0.6518	0.3482	0.6476	0.2930	0.8759
cas_N6512_rdkit_RDKITFP		0.5991	0.4009	0.6094	0.2103	0.8987
cas_N6512_rdkit_TORSION		0.5585	0.4415	0.6199	0.1610	0.7238
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7617	0.2451	0.7500	0.4734	0.7423
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9421	0.0579	0.6796	0.2336	0.3566
census10%		0.9438	0.0561	0.6633	0.2253	0.4118
central-nervous-system		0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.6849	0.1575	0.4215	0.5211	0.1847
chrom19		0.9994	0.0006	0.8685	0.7289	0.4686
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9987	0.0013	0.7689	0.5211	0.5321
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8020	0.1980	0.6294	0.0568	0.4128
churn-bigml		0.8914	0.1086	0.7755	0.5503	0.6070
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.7800	0.0044	0.7360	0.7778	0.0345
cirrhosis		0.7143	0.1905	0.6285	0.4312	0.5636
cjs		0.4464	0.1845	0.2061	0.2877	0.2340
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.5324	0.2338	0.2963	0.2225	0.4549
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9		0.2037	0.1770	0.1468	0.1042	0.3654
codon_usage		0.5871	0.0751	0.3386	0.4847	0.3102
coil20		0.4931	0.0507	0.4440	0.4667	0.1654
college		0.9351	0.0649	0.9166	0.8287	0.3041
collins		0.3000	0.0933	0.0633	0.1780	0.2759
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5271	0.0478	0.9158
colposcopies-2		0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3		0.6552	0.3448	0.6415	0.2120	0.7262
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7354	0.4528	0.7375
colposcopies-c		0.7241	0.2759	0.6954	0.3696	0.7444
column-2c		0.8065	0.1935	0.8342	0.6173	0.4882
column-3c		0.7742	0.1505	0.5665	0.6200	0.1957

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5197	0.4803	0.3420	0.0000	0.5252
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%		0.5173	0.4827	0.3409	0.0000	0.5256
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.6178	0.3822	0.6231	0.2374	0.8876
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.5192	0.1374	0.1603	0.1081	0.3019
covtype		0.6334	0.1047	0.1951	0.3498	0.2912
covtype10%		0.6260	0.1069	0.1928	0.3370	0.2942
covtypeCD		0.9021	0.0979	0.7580	0.4517	0.4252
covtypeT		0.9343	0.0657	0.7122	0.4150	0.5797
crabs		0.5000	0.2500	0.3333	0.3333	0.2044
creditcard_trans		0.9991	0.0009	0.8634	0.7268	0.4018
creditcard_trans10%		0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced		0.7217	0.0928	0.3117	0.4221	0.2696
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.1562	0.0422	0.1111	0.1462	0.1916
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1700	0.2767	0.0490	-0.0079	0.4471
cyclopentane		0.6296	0.3704	0.6802	0.2969	0.7174
cylinder-bands		0.7037	0.2963	0.7024	0.3504	0.6949
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1054	0.1789	0.1203	0.0052	0.6899
day1%		0.6419	0.3581	0.3910	0.0000	0.4792
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8257	0.1743	0.7117	0.3843	0.6297
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8894	0.1106	0.6478	0.1977	0.5009
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.4865	0.1712	0.2588	0.3405	0.2396
desharnais		0.5000	0.3333	0.5588	0.2381	0.5156
dexter		0.7000	0.3000	0.7185	0.4000	0.7215
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.6500	0.3500	0.5000	0.0000	0.9095
diabetes		0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k		0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk		0.8258	0.1742	0.8016	0.5696	0.6057
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%		0.5530	0.2980	0.3700	0.1497	0.5475
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6350	0.1460	0.4419	0.4740	0.3664
dishonest		0.7812	0.2188	0.7475	0.3708	0.3932
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5000	0.5000	0.4857	-0.0286	0.9973
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9304	0.0696	0.7832	0.5623	0.5389
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.7352	0.2648	0.7726	0.4943	0.6191
dropout		0.7223	0.1851	0.5287	0.5247	0.3825

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.4149	0.1672	0.2403	0.0373	0.3760
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3989	0.1717	0.1584	0.2181	0.3829
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8617	0.0395	0.1322	-0.0076	0.1838
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6011	0.1140	0.1783	0.2816	0.3316
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1368	0.0979	0.0000	0.2706
drug-17		0.3298	0.1915	0.1239	0.0819	0.4342
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.8971	0.0294	0.9042	0.8756	0.1519
ecoli		0.8235	0.0441	0.4253	0.7539	0.1438
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3000	0.3500	0.2057	0.0667	0.4904
eeg		0.2797	0.0900	0.2209	0.1904	0.5299
eeg-eye		0.6195	0.3805	0.6364	0.2571	0.8590
eeg10%		0.2589	0.0926	0.1656	0.1634	0.5340
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4932	0.2027	0.2821	0.2995	0.3217
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.8872	0.1128	0.8888	0.7724	0.4401
exon.vs.intron-freq10%		0.8868	0.1132	0.8867	0.7724	0.4632
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.7077	0.2923	0.7149	0.3980	0.7327
fbis-wc		0.3374	0.0780	0.0737	0.2013	0.3170
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5686	0.4314	0.5666	0.0556	0.6935
financial-risk		0.6335	0.1222	0.2168	0.3235	0.2218
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.3000	0.1750	0.1594	0.1139	0.3206
fonts		0.2065	0.0104	0.0048	0.1161	0.2851
fonts10%		0.2067	0.0104	0.0048	0.1164	0.2852
forest		0.9038	0.0481	0.8934	0.8673	0.1258
gas		0.6506	0.1165	0.6312	0.5823	0.2972
gastrointestinal		0.5625	0.2917	0.5339	0.3043	0.5880
gender		0.5937	0.2709	0.4235	0.0155	0.3104
gene		0.5110	0.3260	0.2255	0.0000	0.3731
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.7705	0.1147	0.7741	0.6940	0.3843
gina		0.7579	0.2421	0.7615	0.5138	0.7119
gisette		0.8314	0.1686	0.8319	0.6629	0.5984
glass		0.7143	0.0952	0.5493	0.6038	0.1776
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8095	0.1905	0.8397	0.6316	0.4644
glassBWNFP		0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.8750	0.1250	0.8730	0.7143	0.4644
glioma		0.6000	0.2000	0.3684	0.4118	0.2279
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage		0.5333	0.2333	0.4937	0.3598	0.3859
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.6667	0.3333	0.5739	0.1477	0.8809
hapt		0.8134	0.0311	0.4221	0.7780	0.1549
har		0.3649	0.2540	0.2741	0.1225	0.3552
har70		0.7781	0.0634	0.4029	0.6380	0.1191
har701%		0.7792	0.0631	0.4037	0.6399	0.1131
har7010%		0.7731	0.0648	0.3976	0.6295	0.1399
harth		0.6424	0.0596	0.2399	0.4924	0.2206
harth1%		0.6400	0.0600	0.2392	0.4891	0.2251
harth10%		0.6398	0.0600	0.2380	0.4889	0.2228
hayes-roth		0.5625	0.2917	0.6341	0.3043	0.4143
hcc-survival		0.5294	0.4706	0.5352	0.0685	0.9552
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7329	0.4220	0.6660
heart-attack		0.7419	0.2581	0.7542	0.4918	0.7133
heart-c		0.6667	0.3333	0.6637	0.3243	0.8571
heart-failure		0.8540	0.1460	0.8248	0.6353	0.5278
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass		0.7990	0.2010	0.8045	0.5980	0.6306
hepmass1%		0.8015	0.1985	0.8054	0.6025	0.6341
hepmass10%		0.7973	0.2027	0.8025	0.5941	0.6343
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.6325	0.3675	0.6435	0.2751	0.8616
higgs0.1%		0.6091	0.3909	0.6094	0.2184	0.9182
higgs1%		0.6322	0.3678	0.6417	0.2735	0.8678
higgs10%		0.6356	0.3644	0.6461	0.2806	0.8600
higher		0.2143	0.1964	0.1429	0.0723	0.3641
hinselmann		0.8000	0.2000	0.8077	0.5455	0.5283
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8398	0.1602	0.6389	0.1583	0.5162
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5556	0.2963	0.4023	0.2381	0.5229
hotel-reservartions		0.7676	0.2324	0.7199	0.4156	0.7042
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.6545	0.2303	0.6871	0.4898	0.4965
ht-sensor10%		0.6566	0.2289	0.6899	0.4929	0.4915
htru2		0.9771	0.0229	0.9284	0.8548	0.2334
hypothyroid		0.9443	0.0279	0.4295	0.6990	0.1731
hypothyroidT		0.9894	0.0106	0.9660	0.9297	0.2551
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9640	0.0180	0.9656	0.9520	0.0606
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.8600	0.1400	0.8695	0.7059	0.3522
isolet		0.5687	0.0332	0.5834	0.5514	0.2276

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.5743	0.0946	0.5684	0.5134	0.3140
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6993	0.3894	0.7430
kdc-4007		0.1995	0.2001	0.1557	0.0567	0.3614
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9445	0.0555	0.4857	-0.0078	0.4197
kddcup99		0.7921	0.0181	0.0749	0.6401	0.0484
kddcup991%		0.9771	0.0020	0.1277	0.9611	0.0208
kddcup9910%		0.9786	0.0019	0.1279	0.9635	0.0190
kepler		0.7542	0.1639	0.5541	0.5833	0.2169
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9000	0.1000	0.8933	0.7867	0.4462
krkopt		0.2734	0.0807	0.0963	0.1600	0.4180
krvskp		0.6520	0.3480	0.7233	0.3247	0.5089
la1s-wc		0.4571	0.1810	0.2331	0.2409	0.3529
la2s-wc		0.4437	0.1854	0.2282	0.2168	0.3550
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.1176	0.0441	0.0340	0.0860	0.3223
led24		0.1500	0.1700	0.0500	0.0885	0.3215
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.5285	0.0363	0.5908	0.5095	0.3307
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.7778	0.0296	0.7303	0.7612	0.0904
linkage		0.9979	0.0021	0.8940	0.7708	0.4755
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.9975	0.0025	0.8797	0.7372	0.4972
liver		0.5882	0.4118	0.5296	0.0593	0.9390
loan		0.9696	0.0304	0.9687	0.9361	0.1901
localization		0.4268	0.1042	0.1405	0.1847	0.3492
localization10%		0.4248	0.1046	0.1403	0.1826	0.3578
lrs		0.5472	0.0906	0.1416	0.3497	0.2507
lung		0.8571	0.0571	0.6497	0.6957	0.1078
lung_discrete		0.6250	0.1071	0.3499	0.5000	0.1818
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.8857	0.7938	0.1791
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4014	0.5882	0.2627
lymphoma2		0.5556	0.0988	0.1667	0.4000	0.1675
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.6346	0.3654	0.6361	0.2692	0.8883
magic04		0.7522	0.2478	0.7461	0.4846	0.7362
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8444	0.6875	0.5712
marketing		0.8661	0.1339	0.6818	0.3332	0.6348
maternal		0.6238	0.2508	0.6508	0.4394	0.5650
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.5000	0.2500	0.3333	0.3333	0.2044
mental-health		0.2200	0.3120	0.1649	0.0159	0.5836

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.5304	0.4696	0.6124	0.1399	0.7043
meter-A			0.5000	0.5000	0.6522	0.1579	0.5288
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8889	0.0556	0.9083	0.8462	0.1492
meter-D			0.6667	0.1667	0.6250	0.5200	0.1792
mfeat-fac			0.8150	0.0370	0.8350	0.7944	0.1790
mfeat-fou			0.7050	0.0590	0.7401	0.6722	0.2250
mfeat-kar			0.6850	0.0630	0.7058	0.6500	0.2515
mfeat-mor			0.4000	0.1200	0.3200	0.3333	0.2177
mfeat-pix			0.6550	0.0690	0.7205	0.6167	0.2200
mfeat-zer			0.1850	0.1630	0.1344	0.0944	0.3750
mice-prot			0.2778	0.1806	0.1090	0.1613	0.2709
milk			0.6887	0.2075	0.7597	0.5521	0.3474
mines			0.3235	0.2706	0.2676	0.1184	0.3645
mobile			0.4685	0.0190	0.5070	0.4589	0.2032
monks-1			0.6909	0.3091	0.7428	0.3746	0.4896
monks-2			0.6557	0.3443	0.3960	0.0000	0.4711
monks-3			0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.8831	0.1169	0.8900	0.7675	0.4161
music			0.3844	0.1119	0.3056	0.2129	0.3912
musk			0.8485	0.1515	0.6256	0.0455	0.3584
MUT_ci300400a_cdk_ECFP2			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6			0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED			0.5887	0.4113	0.6268	0.2219	0.8264
MUT_ci300400a_cdk_FCFP2			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS			0.6079	0.3921	0.6527	0.2621	0.7827
MUT_ci300400a_cdk_PUBCHEM			0.6108	0.3892	0.6705	0.2768	0.7238
MUT_ci300400a_cdk_STANDARD			0.6539	0.3461	0.6585	0.3109	0.8542
MUT_ci300400a_rdkit_descriptors			0.5739	0.4261	0.3646	0.0000	0.5103
myocardial			0.8706	0.0324	0.2414	0.2917	0.1026
naticusdroid			0.8609	0.1391	0.8665	0.7217	0.4855
NCI60			0.3333	0.2222	0.3333	0.2000	0.2322
nci9			0.1667	0.1852	0.0370	0.0323	0.2513
ncRNA			0.8220	0.0187	0.0837	0.5399	0.1560
ncRNA1%			0.8248	0.0184	0.0840	0.5457	0.1524
ncRNA10%			0.8230	0.0186	0.0838	0.5423	0.1550
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			0.9048	0.0952	0.8056	0.6111	0.5744
new3s-wc			0.1187	0.0401	0.0249	0.0615	0.3927
newspop			0.6019	0.3981	0.6088	0.2120	0.9067
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.8523	0.1477	0.8231	0.6455	0.6020
NPHA-doctor-visits			0.5278	0.3148	0.2303	0.0000	0.3630
nursery			0.6628	0.1349	0.3421	0.4962	0.1374
obesity			0.4692	0.1517	0.4601	0.3761	0.3008
obs			0.8241	0.0880	0.8742	0.7397	0.2127
occupancy			0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation			0.9003	0.0499	0.5638	0.6970	0.1212
oh0-wc			0.3564	0.1287	0.1498	0.2152	0.3055
oh10-wc			0.2571	0.1486	0.1435	0.1184	0.3409
oh15-wc			0.2935	0.1413	0.1401	0.1447	0.3432
oh5-wc			0.2747	0.1451	0.1401	0.1328	0.3475

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.2276	0.1545	0.1253	0.0986	0.3778
olive		0.4561	0.1209	0.2035	0.3227	0.2816
opn310k		0.9085	0.0915	0.4760	-0.0011	0.2550
opn310k10%		0.9104	0.0896	0.5573	0.0154	0.3206
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.3915	0.1217	0.2995	0.3283	0.3647
optdigitsZ		0.9573	0.0427	0.8928	0.7734	0.4682
orl		0.4500	0.0275	0.4311	0.4359	0.1780
orlraws10P		0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer		0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr		0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr		0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants		0.9924	0.0076	0.4981	-0.0036	0.5515
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9506	0.0197	0.6453	0.7338	0.2976
parkinson		0.9583	0.0417	0.9592	0.9151	0.2119
parkinsons		0.7536	0.2464	0.7316	0.4323	0.6884
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8320	0.1680	0.7815	0.5557	0.6301
particle10%		0.8154	0.1846	0.7611	0.5179	0.6749
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9189	0.0811	0.5907	0.1483	0.6102
pcmac		0.5876	0.4124	0.5435	0.0262	0.6698
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8158	0.1842	0.7285	0.4286	0.6452
pediatric-leukemia		0.4412	0.1597	0.1971	0.2692	0.3148
pendigits		0.8462	0.0308	0.8564	0.8292	0.1825
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.7813	0.2187	0.7641	0.4944	0.6231
personalities		0.3710	0.0786	0.4029	0.3291	0.6207
pet-adoption		0.7350	0.2650	0.7114	0.4208	0.7826
phishing		0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc		0.3459	0.1869	0.2838	0.2194	0.3920
phone-acc0.1%		0.3484	0.1862	0.2834	0.2225	0.3900
phone-acc1%		0.3453	0.1870	0.2855	0.2187	0.3892
phone-acc10%		0.3460	0.1868	0.2834	0.2195	0.3922
phone-gyr		0.4084	0.1690	0.2975	0.2930	0.3484
phone-gyr0.1%		0.4171	0.1665	0.2986	0.3035	0.3341
phone-gyr1%		0.4076	0.1693	0.2984	0.2919	0.3503
phone-gyr10%		0.4084	0.1690	0.2977	0.2929	0.3481
phoneme		0.7593	0.2407	0.7356	0.4605	0.7324
phy		0.6722	0.3278	0.6722	0.3443	0.8549
pima		0.7368	0.2632	0.7195	0.4362	0.7761
pirvision		0.9915	0.0057	0.9851	0.9727	0.0290
placement		0.7370	0.2630	0.7350	0.4680	0.7669
plant-growth		0.7895	0.2105	0.8224	0.5870	0.4472
plrx		0.6667	0.3333	0.5282	0.0526	0.9011
poker		0.5076	0.0985	0.1014	0.0332	0.2465
poker1%		0.5005	0.0999	0.1004	0.0154	0.2413
poker10%		0.4999	0.1000	0.1015	0.0006	0.1761
polish-1st		0.9659	0.0341	0.7099	0.1938	0.1019
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9541	0.0459	0.7244	0.4225	0.4959
polish-5th			0.9509	0.0491	0.7773	0.4351	0.1357
polya			0.6692	0.3308	0.6455	0.2906	0.8639
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.7489	0.1004	0.7651	0.6857	0.2888
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6116	0.2059	0.8768
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.2121	0.0716	0.0431	0.1307	0.2667
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.7000	0.3000	0.7674	0.4444	0.5112
prostate			0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.5563	0.1775	0.4600	0.3774	0.3155
puc-rio10%			0.5546	0.1782	0.3114	0.3710	0.2752
pufs-128			0.5001	0.4999	0.5001	0.0003	0.9999
pufs-1281%			0.4883	0.5117	0.4883	-0.0233	1.0000
pufs-12810%			0.5013	0.4987	0.5013	0.0025	0.9993
pufs-64			0.5031	0.4969	0.5031	0.0062	0.9983
pufs-641%			0.5025	0.4975	0.5025	0.0050	0.9986
pufs-6410%			0.5008	0.4992	0.5008	0.0017	0.9995
pulsar			0.9761	0.0239	0.9277	0.8553	0.2884
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
rcv1			0.2492	0.0189	0.0016	-0.0116	0.3099
rcv11%			0.2426	0.0286	0.0230	0.1218	0.2969
rcv110%			0.2495	0.0325	0.0192	0.0070	0.3001
re0-wc			0.5533	0.0687	0.1165	0.3062	0.2746
re1-wc			0.4036	0.0477	0.0503	0.2394	0.2814
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.6120	0.0119	0.0242	0.4286	0.1768
rice			0.9813	0.0187	0.9812	0.9622	0.1187
rnaseq			0.5250	0.1900	0.3071	0.3661	0.2909
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.7792	0.0736	0.7459	0.7279	0.3159
satimageF			0.9860	0.0140	0.9647	0.9292	0.2145
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.1633	0.1993	0.2632	0.2747
schiller			0.5556	0.4444	0.5303	0.0526	0.7987
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.6072	0.3928	0.6165	0.2260	0.8949
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9091	0.0260	0.9221	0.8936	0.0927
segmentation			0.7277	0.2723	0.7574	0.4734	0.6638
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9560	0.0440	0.8819	0.7633	0.4382
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8635	0.1365	0.4634	-0.0052	0.3825
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8632	0.1368	0.4633	-0.0102	0.4508
sens-4-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-6-gram			0.8658	0.1342	0.4640	-0.0052	0.3810

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.8832	0.0212	0.8954	0.8716	0.0985
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8662	0.1338	0.7821	0.5531	0.6339
shuttle			0.8700	0.0371	0.4008	0.6709	0.3090
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9191	0.0809	0.9015	0.7845	0.4317
skin10%			0.9150	0.0850	0.8961	0.7738	0.4471
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.5263	0.4737	0.5444	0.0757	0.9099
smoking			0.6985	0.3015	0.7535	0.4380	0.6100
soil_pollution			0.2033	0.3187	0.1174	-0.0038	0.4831
solar-flare			0.5180	0.1607	0.2655	0.3601	0.2285
sonar			0.8500	0.1500	0.8518	0.7000	0.5467
soybean			0.2647	0.0774	0.0442	0.1525	0.2715
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8391	0.1609	0.8303	0.6531	0.5648
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7429	0.2571	0.7152	0.4220	0.7591
spectrometer			0.2453	0.0314	0.0355	0.1786	0.2766
splice-EI			0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE			0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles			0.7800	0.2200	0.7669	0.5333	0.7134
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.6584	0.2277	0.5268	0.4595	0.3187
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9692	0.0308	0.9528	0.9056	0.2424
steel-o			0.7333	0.2667	0.6917	0.3200	0.6687
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.8974	0.1026	0.4730	-0.0098	0.4361
stellar			0.9507	0.0329	0.9416	0.9107	0.1240
stock			0.8611	0.1389	0.7873	0.5694	0.6369
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9620	0.0380	0.9627	0.9225	0.1634
stress			0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle			0.6250	0.1500	0.2762	0.3606	0.3313
student-depression			0.7767	0.2233	0.7672	0.5307	0.7042
student-habits			0.3600	0.2560	0.1682	-0.0022	0.5487
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.5385	0.3077	0.4297	0.2500	0.4889
susy			0.7466	0.2534	0.7474	0.4931	0.7511
susy1%			0.7476	0.2524	0.7469	0.4934	0.7534
susy10%			0.7466	0.2534	0.7468	0.4925	0.7528
swarm_aligned			0.9979	0.0021	0.9976	0.9951	0.0188
swarm_flocking			0.9517	0.0483	0.9538	0.9034	0.2083
swarm_grouped			0.9950	0.0050	0.9947	0.9893	0.0317
tae			0.6000	0.2667	0.6497	0.4000	0.4012
telco-churn			0.8139	0.1861	0.7394	0.4331	0.5938
texture			0.8545	0.0264	0.8674	0.8394	0.1489

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.5712	0.4288	0.6846	0.2305	0.5291
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9581	0.0419	0.4893	-0.0214	0.5700
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.6737	0.3263	0.6434	0.2861	0.8589
tis			0.7996	0.2004	0.7487	0.4938	0.7103
tis10%			0.7910	0.2090	0.7186	0.4371	0.7414
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.1667	0.1111	0.0000	0.2923
tox_171			0.5882	0.2059	0.5131	0.4516	0.3120
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.4634	0.1192	0.1753	0.2382	0.2764
trec12-wc			0.3548	0.1613	0.1492	0.1948	0.3650
trec21-wc			0.7879	0.0707	0.2930	0.4031	0.1560
trec23-wc			0.6667	0.1111	0.2764	0.5100	0.1670
trec31-wc			0.5806	0.1198	0.2221	0.4068	0.2341
trec41-wc			0.4318	0.1136	0.1486	0.2691	0.2721
trec45-wc			0.3913	0.1217	0.1414	0.2502	0.2951
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.7500	0.1250	0.7542	0.6667	0.2950
tvnews			0.8041	0.1959	0.7837	0.5527	0.6318
tvnews1%			0.7846	0.2154	0.7623	0.5078	0.6668
tvnews10%			0.7779	0.2221	0.7582	0.4736	0.6096
ur3_cobotops_grip			0.9660	0.0340	0.4913	-0.0026	0.2839
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8209	0.0398	0.8336	0.7901	0.1693
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%			0.6644	0.3356	0.3992	0.0000	0.4658
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.6905	0.1548	0.6835	0.5915	0.2553
vehicleVAN			0.7500	0.2500	0.4286	0.0000	0.4011
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.4848	0.0937	0.5287	0.4333	0.2944
vowelZ			0.8788	0.1212	0.4677	-0.0476	0.7114
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2949	0.0705	0.0641	0.1786	0.3204
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			0.7143	0.0571	0.7163	0.6818	0.1322
watch-acc			0.4198	0.1658	0.3624	0.3257	0.3477
watch-acc1%			0.5521	0.1280	0.4856	0.4757	0.3480
watch-acc10%			0.4204	0.1656	0.3616	0.3262	0.3475
watch-gyr			0.5949	0.1157	0.5313	0.5246	0.3040
watch-gyr1%			0.6045	0.1130	0.5398	0.5360	0.2931
watch-gyr10%			0.5955	0.1156	0.5328	0.5254	0.3026
water_pollution			0.2367	0.3817	0.1508	-0.0142	0.5308
waveform			0.6740	0.2173	0.6736	0.5108	0.5447
weather-related			0.3558	0.1171	0.1350	0.2113	0.3123
web-phishing			0.8000	0.1333	0.5513	0.6221	0.3391
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.3597	0.2561	0.2701	0.1150	0.3647
white-clover			0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc			0.9550	0.0225	0.9566	0.9400	0.0763

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9710	0.0290	0.8465	0.6931	0.4587
wine			0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red			0.5597	0.1468	0.2048	0.2520	0.3395
winequality-white			0.5133	0.1391	0.1675	0.1788	0.3587
winnipeg			0.9494	0.0145	0.8489	0.9359	0.1087
winnipeg10%			0.9454	0.0156	0.8649	0.9308	0.1108
wisc_bc			0.9298	0.0702	0.9246	0.8492	0.3528
yale			0.4375	0.0750	0.3526	0.3975	0.1495
yeast			0.5405	0.0919	0.3659	0.3974	0.3533
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.3344	0.1331	0.2748	0.2502	0.3539

Table 26: Detailed results for CART(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1343	0.0597	0.0868	0.0577	0.6391
abalone19		0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18		0.9041	0.0959	0.5868	0.1718	0.6407
accelerometer		0.9716	0.0284	0.6416	0.2803	0.5719
accident		0.4500	0.5500	0.4497	-0.1000	1.0000
ads		0.9543	0.0457	0.9080	0.8154	0.3921
adult		0.8098	0.1902	0.7388	0.4775	0.7136
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8492	0.1508	0.5066	0.0132	0.7200
AID_1431_KlekotaRothFingerprinter		0.8413	0.1587	0.5401	0.0796	0.6999
AID_1431_MACCSFingerprinter		0.8413	0.1587	0.5739	0.1446	0.6855
AID_1878		0.7048	0.2952	0.5490	0.0966	0.8126
AID_602330		0.8958	0.1042	0.4725	-0.0526	0.5632
AID_652128		0.8586	0.0943	0.5036	0.1691	0.5859
AID1284Morered		0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red		0.6944	0.3056	0.4098	-0.1786	0.7728
AID1608Morered		0.8544	0.1456	0.4607	-0.0782	0.6585
AID1608red		0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red		0.9743	0.0257	0.5708	0.1409	0.5587
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9978	0.0022	0.6260	0.2343	0.4896
AID439Morered		0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red		0.7143	0.2857	0.4167	-0.1667	0.7987
AID456red		0.9940	0.0060	0.4985	-0.0030	0.5141
AID604		0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed		0.9980	0.0020	0.5722	0.1419	0.5047
AID644Morered		0.7500	0.2500	0.6891	0.3750	0.7858
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9991	0.0009	0.4998	-0.0004	0.5319
AID687red		0.9924	0.0076	0.5376	0.0705	0.4603
AID688red		0.9805	0.0195	0.4951	-0.0098	0.5223
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.7778	0.2222	0.6786	0.3571	0.7720
AID746AID1284red		0.9980	0.0020	0.4995	-0.0010	0.5055
AID746red		0.9906	0.0094	0.6193	0.2385	0.5496
aids		0.8639	0.1361	0.8082	0.6135	0.5855
air_pollution		0.2533	0.2133	0.1731	0.0503	0.8900
air-booking		0.7798	0.2202	0.5905	0.1802	0.7725
airline		0.9460	0.0540	0.9451	0.8902	0.2841
alcohol		0.8476	0.0610	0.6825	0.6707	0.3708
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.9023	0.0977	0.8935	0.7869	0.4460
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family		0.9527	0.0236	0.8789	0.9097	0.1750
anuran-genus		0.9249	0.0188	0.8085	0.8758	0.2744
anuran-species		0.9389	0.0122	0.8624	0.9153	0.1524
anxiety		0.0917	0.2019	0.0907	-0.0212	0.7908
apple-quality		0.8050	0.1950	0.8051	0.6100	0.6545
aps-failure		0.9892	0.0108	0.8487	0.6974	0.4362
arabidopsis		0.9815	0.0185	0.5339	0.0655	0.4979
arabidopsis0.1%		0.9882	0.0118	0.4970	-0.0044	0.5347
arabidopsis1%		0.9770	0.0230	0.4942	-0.0105	0.4328
arabidopsis10%		0.9787	0.0213	0.5272	0.0500	0.4613

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.5669	0.1304	0.9336
arrhythmia		0.6889	0.0479	0.3708	0.5655	0.2283
auction		0.9951	0.0049	0.9889	0.9776	0.0238
audiology		0.8261	0.0145	0.3876	0.7991	0.0446
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		1.0000	0.0000	0.8333	1.0000	0.0000
avila		0.9746	0.0042	0.9584	0.9670	0.0862
babies		0.3145	0.1959	0.1511	0.0201	0.7290
balance		0.7742	0.1505	0.5695	0.6128	0.4382
bank		0.8861	0.1139	0.7219	0.4435	0.6584
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8065	0.1935	0.7944	0.5877	0.6668
basehock		0.9698	0.0302	0.9699	0.9397	0.1798
bio		0.9951	0.0049	0.8636	0.7268	0.4219
bio10%		0.9938	0.0062	0.8455	0.6866	0.4806
biodeg		0.8667	0.1333	0.8576	0.7146	0.5298
biomed		0.8571	0.1429	0.8568	0.6736	0.3386
bitcoin		0.9825	0.0012	0.1233	0.3984	1.0000
bitcoin1%		0.9712	0.0020	0.0856	0.1838	0.5023
bitcoin10%		0.9807	0.0013	0.1148	0.3575	0.7370
body-perf		0.6657	0.1672	0.6660	0.5542	0.5030
bookings		0.9867	0.0089	0.7845	0.9719	0.1089
brain-tumor		0.5065	0.4935	0.5066	0.0131	0.9961
breast-cancer		0.5714	0.4286	0.5118	0.0233	0.9149
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue		0.7273	0.0909	0.6655	0.6667	0.1595
bridges		0.8000	0.0571	0.6857	0.7143	0.1393
bub10at310k-hg16-17		0.9039	0.0961	0.6681	0.3277	0.6463
bub12at310k-hg16-17		0.8712	0.1288	0.6300	0.2593	0.6921
bub8at310k-hg16-17		0.8695	0.1305	0.6494	0.2953	0.6809
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4130	0.3913	0.3272	0.0020	0.8250
car		0.9828	0.0086	0.9704	0.9627	0.0483
car-insurance		0.7930	0.2070	0.7644	0.5281	0.7063
card		0.8406	0.1594	0.8400	0.6774	0.5801
cardiotocography		0.7700	0.0460	0.7409	0.7253	0.2746
cardiotocography-nsp		0.9202	0.0532	0.8472	0.7808	0.2596
cardiovascular		0.6343	0.3657	0.6344	0.2687	0.8963
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8750	0.0833	0.8071	0.7720	0.2344
cas_N6512_cdk_ECFP2		0.7281	0.2719	0.7345	0.4608	0.7590
cas_N6512_rdkit_ATOMPAIR		0.7046	0.2954	0.7024	0.4046	0.8162
cas_N6512_RDkit_AtomPair_FP		0.7132	0.2868	0.7109	0.4215	0.8046
cas_N6512_rdkit_AVALON		0.7404	0.2596	0.7391	0.4782	0.7656
cas_N6512_RDkit_Avalon_FP		0.7531	0.2469	0.7517	0.5033	0.7464
cas_N6512_rdkit_descriptors		0.7446	0.2554	0.7452	0.4891	0.7549
cas_N6512_rdkit_FEATMORGAN		0.7327	0.2673	0.7307	0.4614	0.7773
cas_N6512_RDkit_Featmorgan_FP		0.7285	0.2715	0.7273	0.4545	0.7829
cas_N6512_RDkit_FP		0.7025	0.2975	0.7002	0.4003	0.8191
cas_N6512_rdkit_LAYERED		0.7477	0.2523	0.7479	0.4948	0.7514
cas_N6512_RDkit_Layered_FP		0.7730	0.2270	0.7711	0.5412	0.7113

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7680	0.2320	0.7660	0.5308	0.7196
cas_N6512_RDkit_MACCS_FP		0.7669	0.2331	0.7675	0.5336	0.7193
cas_N6512_rdkit_MORGAN		0.7477	0.2523	0.7455	0.4902	0.7534
cas_N6512_RDkit_morgan_FP		0.7239	0.2761	0.7216	0.4427	0.7894
cas_N6512_rdkit_PATTERN		0.7477	0.2523	0.7475	0.4943	0.7525
cas_N6512_RDkit_pattern_FP		0.7239	0.2761	0.7236	0.4467	0.7876
cas_N6512_rdkit_RDKITFP		0.7235	0.2765	0.7224	0.4446	0.7899
cas_N6512_rdkit_TORSION		0.7077	0.2923	0.7062	0.4125	0.8117
ccds		0.9309	0.0691	0.6134	0.2228	0.6092
ccds1%		0.9093	0.0907	0.5335	0.0633	0.5653
ccds10%		0.9120	0.0880	0.5484	0.0913	0.5695
cdc_diabetes		0.7952	0.1365	0.4025	0.1806	0.6571
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7371	0.2479	0.7369	0.4815	0.7315
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9339	0.0661	0.6705	0.3345	0.6112
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9158	0.0842	0.5768	0.1530	0.6360
CDS49_AID687_Rdkit-ecfp4-fp		0.9955	0.0045	0.4989	-0.0023	0.5249
census		0.9449	0.0551	0.7438	0.4812	0.5494
census10%		0.9288	0.0712	0.6828	0.3655	0.6289
central-nervous-system		0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B		0.9535	0.0465	0.8495	0.6895	0.5225
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9535	0.0465	0.8481	0.6446	0.5283
cervical-S		0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia		0.9003	0.0498	0.9034	0.8507	0.2017
chrom19		0.9997	0.0003	0.9122	0.8241	0.3332
chrom191%		0.9971	0.0029	0.6660	0.2845	0.4648
chrom1910%		0.9993	0.0007	0.8425	0.6839	0.4515
chrom21		0.9992	0.0008	0.5134	0.0197	0.3125
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9995	0.0005	0.4999	-0.0002	0.5015
chronic-kidney		0.8675	0.1325	0.6248	0.2420	0.6612
churn		0.7720	0.2280	0.6579	0.3154	0.7800
churn-bigml		0.9438	0.0562	0.8886	0.7772	0.4272
ci900367j_MACCS		0.6105	0.3895	0.6126	0.2191	0.8871
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4748	0.4000	0.6288
cjs		0.9964	0.0012	0.9962	0.9956	0.0059
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7398	0.1301	0.5999	0.6072	0.5386
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.5833	0.2778	0.6667	0.3333	0.4065
cm1		0.8400	0.1600	0.5556	0.1111	0.7284
cmc		0.5442	0.3039	0.5268	0.2988	0.7023
cnae-9		0.8889	0.0247	0.8903	0.8750	0.1246
codon_usage		0.8243	0.0320	0.6541	0.7867	0.3329
coil20		0.9028	0.0097	0.9064	0.8976	0.0611
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.9600	0.0053	0.8888	0.9560	0.0124
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6897	0.3103	0.6837	0.3587	0.8095
colposcopies-2		0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3		0.5517	0.4483	0.5437	0.0872	0.9614
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6		0.7586	0.2414	0.7595	0.5178	0.7328
colposcopies-c		0.6897	0.3103	0.5964	0.1920	0.8470
column-2c		0.8065	0.1935	0.7925	0.5792	0.6633
column-3c		0.8387	0.1075	0.7914	0.7395	0.2576

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5286	0.4715	0.6078	0.0002	0.5223
comedy_comparisons1%		0.5250	0.4750	0.5228	0.0453	0.9842
comedy_comparisons10%		0.5224	0.4776	0.5500	0.0115	0.5843
connect-4		0.9785	0.0143	0.6780	0.5704	0.5080
cottonmeloidogyne		0.6779	0.3221	0.6778	0.3555	0.8483
coupon		0.7035	0.2965	0.6991	0.3979	0.8184
covid19		0.5278	0.1349	0.2053	0.1736	0.6713
covtype		0.9439	0.0160	0.9085	0.9099	0.1659
covtype10%		0.8401	0.0457	0.7624	0.7428	0.3406
covtypeCD		0.9821	0.0179	0.9625	0.9249	0.2125
covtypeT		0.9842	0.0158	0.9389	0.8779	0.2665
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9993	0.0007	0.8968	0.7909	0.2614
creditcard_trans10%		0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced		0.8876	0.0375	0.7486	0.7708	0.4070
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.3125	0.0344	0.2436	0.2932	0.1174
customer-churn		0.9734	0.0266	0.6871	0.3735	0.5738
cybersecurity		0.1600	0.2800	0.1628	-0.0092	0.8819
cyclopentane		0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands		0.7778	0.2222	0.7872	0.5604	0.6642
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1060	0.1788	0.1060	0.0066	0.9261
day1%		0.9795	0.0205	0.9778	0.9556	0.1458
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.7253	0.2747	0.6114	0.2224	0.8254
defect		0.9074	0.0926	0.8337	0.6668	0.5493
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8892	0.1108	0.7193	0.4374	0.6501
depressed		0.7203	0.2797	0.4993	-0.0014	0.8265
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.6972	0.3846	0.3352
dexter		0.8500	0.1500	0.8502	0.7000	0.5590
df_final		0.5000	0.3333	0.5278	0.2558	0.5679
DIA		0.7833	0.2167	0.7176	0.4348	0.7471
diabetes		0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k		0.9524	0.0476	0.8452	0.6904	0.4747
diabetes-risk		0.8812	0.1188	0.8185	0.6370	0.5786
diabetic		0.5566	0.2956	0.4239	0.1627	0.6972
diabetic1%		0.5000	0.3333	0.3550	0.1028	0.7436
diabetic10%		0.4745	0.3504	0.3767	0.0695	0.7846
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7240	0.1104	0.7215	0.6143	0.4167
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5833	0.4167	0.5714	0.1429	0.9438
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9904	0.0096	0.4976	-0.0040	0.3657
dna1%		0.9924	0.0076	0.5230	0.0419	0.4326
dna10%		0.9926	0.0074	0.5261	0.0480	0.4403
dorothea		0.8870	0.1130	0.7112	0.4176	0.6567
dota2		0.5194	0.4806	0.5180	0.0360	0.9885
dota210%		0.5311	0.4689	0.5289	0.0579	0.9816
drebin		0.9800	0.0200	0.9787	0.9573	0.1423
dropout		0.6885	0.2077	0.6302	0.5015	0.5794

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.2553	0.2128	0.1274	-0.0081	0.8720
drug-02		0.3564	0.1839	0.1663	0.0799	0.8514
drug-03		0.5000	0.1429	0.1374	0.0041	0.7797
drug-04		0.3511	0.1854	0.2366	0.0743	0.8335
drug-05		0.5319	0.1337	0.1407	-0.0223	0.7770
drug-06		0.2872	0.2036	0.2464	0.1441	0.7619
drug-07		0.3245	0.1930	0.1394	-0.0282	0.6502
drug-08		0.4415	0.1596	0.2030	0.1522	0.7987
drug-09		0.7500	0.0714	0.1247	0.0235	0.4379
drug-10		0.4415	0.1596	0.2254	0.1482	0.8288
drug-11		0.7394	0.0745	0.1467	0.0345	0.7416
drug-12		0.6383	0.1033	0.1677	0.0396	0.7517
drug-13		0.4787	0.1489	0.1626	0.1203	0.7722
drug-14		0.4947	0.1444	0.2199	0.1900	0.7514
drug-15		0.6330	0.1049	0.2008	0.1276	0.7526
drug-16		0.4681	0.1520	0.2367	0.1855	0.7309
drug-17		0.2553	0.2128	0.1859	0.0724	0.8503
drug-18		0.9787	0.0085	0.1978	-0.0040	0.0076
drug-19		0.6064	0.1125	0.1444	0.0244	0.5265
drybean		0.8905	0.0313	0.9031	0.8677	0.1701
ecoli		0.7941	0.0515	0.5108	0.7193	0.1874
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3000	0.3500	0.2990	0.0664	0.8163
eeg		0.3780	0.0777	0.3838	0.3131	0.7423
eeg-eye		0.8425	0.1575	0.8405	0.6807	0.5785
eeg10%		0.3147	0.0857	0.2706	0.2441	0.7453
email_phishing		0.9865	0.0135	0.7171	0.4312	0.5208
eucalyptus		0.5753	0.1699	0.5541	0.4576	0.4674
euthyroid		0.9494	0.0506	0.8569	0.7139	0.4676
exon.vs.intron-freq		0.9652	0.0348	0.9651	0.9303	0.2037
exon.vs.intron-freq10%		0.9277	0.0723	0.9276	0.8551	0.3469
fakenews		0.5175	0.4825	0.5174	0.0349	0.9898
farm-ads		0.8792	0.1208	0.8816	0.7549	0.4465
fbis-wc		0.7195	0.0330	0.5936	0.6826	0.2541
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.7451	0.2549	0.7414	0.4792	0.7518
financial-risk		0.8865	0.0378	0.8577	0.8214	0.2044
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.7000	0.0750	0.5000	0.6226	0.1483
fonts		0.7724	0.0030	0.5512	0.7619	0.3588
fonts10%		0.6059	0.0052	0.3165	0.5885	0.5090
forest		0.8269	0.0865	0.8097	0.7615	0.2488
gas		0.9784	0.0072	0.9771	0.9738	0.0486
gastrointestinal		0.5625	0.2917	0.5339	0.3043	0.5880
gender		0.5389	0.3074	0.4558	0.1427	0.7336
gene		0.9022	0.0652	0.8934	0.8424	0.2749
german		0.6300	0.3700	0.5587	0.1106	0.9131
gestures		0.7671	0.1164	0.7672	0.6895	0.4015
gina		0.8646	0.1354	0.8647	0.7292	0.5251
gisette		0.9357	0.0643	0.9357	0.8714	0.3186
glass		0.6667	0.1111	0.5437	0.5435	0.2996
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM			0.7895	0.2105	0.7978	0.5824	0.6422
gli_85			1.0000	0.0000	1.0000	1.0000	0.0000
glioma			0.6000	0.2000	0.3750	0.3333	0.2667
glioma-grade			0.8214	0.1786	0.8172	0.6341	0.6286
green			0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage			0.4000	0.3000	0.3356	0.1818	0.4932
gsalc			0.8889	0.0370	0.9167	0.8657	0.0530
haberman			0.6333	0.3667	0.5119	0.0237	0.9159
hapt			0.9039	0.0160	0.7481	0.8864	0.1279
har			0.9623	0.0151	0.9609	0.9523	0.0939
har70			0.9004	0.0285	0.6095	0.8545	0.3483
har701%			0.8783	0.0348	0.6014	0.8232	0.3498
har7010%			0.8918	0.0309	0.5853	0.8419	0.3592
harth			0.8594	0.0234	0.6105	0.8097	0.2796
harth1%			0.8211	0.0298	0.5020	0.7576	0.3284
harth10%			0.8424	0.0263	0.5736	0.7867	0.3051
hayes-roth			0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival			0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity			0.6000	0.2000	0.2746	0.0426	0.6744
heart			0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack			0.8065	0.1935	0.8199	0.6189	0.5820
heart-c			0.7333	0.2667	0.7319	0.4595	0.7662
heart-failure			0.9820	0.0180	0.9790	0.9580	0.1242
heart-quantum			0.8600	0.1400	0.8674	0.7200	0.4927
hepatitis			0.6000	0.4000	0.6019	0.1667	0.7161
hepmass			0.8172	0.1828	0.8172	0.6344	0.6309
hepmass1%			0.8051	0.1949	0.8051	0.6103	0.6546
hepmass10%			0.8117	0.1883	0.8117	0.6233	0.6419
hERG-121inputs			0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs			0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs			0.6710	0.3290	0.6702	0.3404	0.8567
higgs0.1%			0.6027	0.3973	0.6014	0.2029	0.9264
higgs1%			0.6334	0.3666	0.6317	0.2634	0.8979
higgs10%			0.6461	0.3539	0.6449	0.2898	0.8846
higher			0.2143	0.1964	0.1641	0.0667	0.3750
hinselmann			0.7000	0.3000	0.6098	0.2105	0.7892
hitters			0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa			0.8600	0.1400	0.7456	0.4907	0.6623
hiva			0.9574	0.0426	0.5920	0.1629	0.5802
horse			0.5833	0.2778	0.5464	0.2761	0.6724
hotel-reservartions			0.8762	0.1238	0.8598	0.7197	0.5263
hr			0.7439	0.2561	0.4959	-0.0081	0.7756
ht-sensor			0.9996	0.0003	0.9996	0.9994	0.0024
ht-sensor10%			0.9974	0.0017	0.9975	0.9961	0.0129
htru2			0.9676	0.0324	0.9032	0.8064	0.3736
hypothyroid			0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT			0.9947	0.0053	0.9822	0.9638	0.1636
ilpd			0.5593	0.4407	0.4431	-0.1132	0.9570
immuno-therapy			0.7778	0.2222	0.6786	0.3571	0.7720
instagram			0.9673	0.0163	0.9674	0.9564	0.0728
ionosphere			0.9143	0.0857	0.9038	0.8059	0.4246
iris			0.9333	0.0444	0.9333	0.8993	0.1057
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.7831	0.0167	0.7871	0.7744	0.1947

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.7649	0.2351	0.6057	0.2106	0.8076
jvowels		0.8956	0.0232	0.8923	0.8817	0.1655
kc1		0.8246	0.1754	0.6636	0.3272	0.7382
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.4286	0.0476	0.0333	0.2000	0.0920
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7115	0.2885	0.5817	0.1631	0.8352
kdc-4007		0.6284	0.0929	0.5571	0.5662	0.4435
kddcup98		0.9448	0.0552	0.5120	0.0087	0.4476
kddcup981%		0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%		0.9340	0.0660	0.4829	-0.0233	0.6211
kddcup99		1.0000	0.0000	0.7585	0.9999	0.0211
kddcup991%		0.9986	0.0001	0.4698	0.9976	0.0011
kddcup9910%		0.9996	0.0000	0.6810	0.9992	0.0365
kepler		0.8494	0.1004	0.7967	0.7521	0.2659
kidney		0.6134	0.1546	0.1991	-0.0113	0.7766
kidney-disease		0.9500	0.0500	0.9505	0.8961	0.2500
krkopt		0.8429	0.0153	0.8715	0.8414	0.1943
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.7714	0.0762	0.7391	0.7116	0.3776
la2s-wc		0.7517	0.0828	0.7506	0.6866	0.3776
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7353	0.0132	0.4082	0.7216	0.0597
led24		0.5000	0.1000	0.5084	0.4521	0.2117
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8775	0.0094	0.8774	0.8726	0.1420
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8333	0.0222	0.8144	0.8207	0.0684
linkage		1.0000	0.0000	0.9987	0.9974	0.0117
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.9999	0.0001	0.9952	0.9904	0.0370
liver		0.5294	0.4706	0.5541	0.0963	0.8707
loan		0.9836	0.0164	0.9826	0.9651	0.1206
localization		0.6892	0.0565	0.4868	0.6131	0.5816
localization10%		0.6110	0.0707	0.4091	0.5125	0.6391
lrs		0.8302	0.0340	0.4644	0.7651	0.1267
lung		0.8571	0.0571	0.7778	0.6986	0.1108
lung_discrete		0.6250	0.1071	0.4286	0.5294	0.1604
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.8500	0.0600	0.6686	0.6891	0.1981
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.7778	0.0494	0.4148	0.7049	0.0294
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.7500	0.2500	0.7500	0.5000	0.7500
magic04		0.8190	0.1810	0.8054	0.6097	0.6458
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7604	0.2396	0.7645	0.5233	0.7171
marketing		0.8527	0.1473	0.6957	0.3907	0.6995
maternal		0.8317	0.1122	0.8347	0.7446	0.3750
math		0.8500	0.0750	0.8115	0.7665	0.2296
mba		0.7694	0.1538	0.3935	0.1963	0.6548
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2100	0.3160	0.2103	0.0126	0.8693

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
messidor		0.5565	0.4435	0.5499	0.0998	0.9628
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.7333	0.6936	0.2711
meter-D		0.8333	0.0833	0.8451	0.7682	0.1516
mfeat-fac		0.8950	0.0210	0.8964	0.8833	0.1261
mfeat-fou		0.7550	0.0490	0.7598	0.7278	0.2264
mfeat-kar		0.8400	0.0320	0.8442	0.8222	0.1854
mfeat-mor		0.6700	0.0660	0.6732	0.6333	0.2398
mfeat-pix		0.9050	0.0190	0.9064	0.8944	0.1102
mfeat-zer		0.6950	0.0610	0.6987	0.6611	0.2498
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5000	0.2000	0.4864	0.3745	0.4414
mobile		0.7098	0.0104	0.7231	0.7045	0.1304
monks-1		0.9455	0.0545	0.9457	0.8908	0.2776
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.3783	0.1130	0.4436	0.2684	0.6455
musk		0.9606	0.0394	0.9218	0.8403	0.2604
MUT_ci300400a_cdk_ECFP2		0.7902	0.2098	0.7912	0.5777	0.6731
MUT_ci300400a_cdk_ECFP4		0.7940	0.2060	0.7876	0.5752	0.6818
MUT_ci300400a_cdk_ECFP6		0.7533	0.2467	0.7461	0.4921	0.7507
MUT_ci300400a_cdk_ESTATE		0.7782	0.2218	0.7705	0.5403	0.7089
MUT_ci300400a_cdk_EXTENDED		0.8106	0.1894	0.8051	0.6101	0.6506
MUT_ci300400a_cdk_FCFP2		0.7988	0.2012	0.7927	0.5855	0.6730
MUT_ci300400a_cdk_FCFP4		0.7638	0.2362	0.7579	0.5157	0.7333
MUT_ci300400a_cdk_FCFP6		0.7698	0.2302	0.7655	0.5304	0.7213
MUT_ci300400a_cdk_MACCS		0.8129	0.1870	0.8096	0.6185	0.6437
MUT_ci300400a_cdk_PUBCHEM		0.8383	0.1617	0.8327	0.6643	0.5883
MUT_ci300400a_cdk_STANDARD		0.8108	0.1892	0.8044	0.6085	0.6490
MUT_ci300400a_rdkit_descriptors		0.8133	0.1867	0.8085	0.6169	0.6433
myocardial		0.8235	0.0441	0.2774	0.3636	0.5498
naticusdroid		0.9697	0.0303	0.9697	0.9393	0.1832
NCI60		0.3333	0.2222	0.2667	0.2000	0.2565
nci9		0.5000	0.1111	0.2667	0.4194	0.0881
ncRNA		0.9462	0.0057	0.7605	0.8608	0.6614
ncRNA1%		0.8910	0.0115	0.5039	0.7209	0.8024
ncRNA10%		0.9148	0.0090	0.6099	0.7813	0.9022
neo		0.8969	0.1031	0.7054	0.4108	0.6545
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.5609	0.0200	0.5286	0.5466	0.2796
newspop		0.5863	0.4137	0.5845	0.1690	0.9407
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9443	0.0557	0.9315	0.8629	0.3200
NPHA-doctor-visits		0.4028	0.3981	0.3682	0.0364	0.8113
nursery		0.9985	0.0006	0.7990	0.9977	0.0044
obesity		0.9526	0.0135	0.9528	0.9447	0.0754
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9908	0.0092	0.9871	0.9741	0.0989
Occupancy_Estimation		0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc		0.8812	0.0238	0.8720	0.8639	0.1218
oh10-wc		0.7524	0.0495	0.7514	0.7208	0.2283
oh15-wc		0.7283	0.0543	0.7235	0.6893	0.2547
oh5-wc		0.7363	0.0527	0.7356	0.7041	0.2722

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ohscal-wc			0.6783	0.0643	0.6658	0.6403	0.4103
olive			0.9123	0.0195	0.9107	0.8925	0.1125
opn310k			0.8799	0.1201	0.6486	0.2970	0.6851
opn310k10%			0.8856	0.1144	0.6562	0.3121	0.6789
opnat310k-hg16-17			0.9081	0.0919	0.6797	0.3486	0.6298
optdigits			0.8790	0.0242	0.8818	0.8655	0.1693
optdigitsZ			0.9858	0.0142	0.9580	0.9152	0.2551
orl			0.8000	0.0100	0.7742	0.7949	0.0328
orlraws10P			0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9407	0.0593	0.5901	0.1798	0.6134
ozone8hr			0.8972	0.1028	0.6301	0.2602	0.6730
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8041	0.1959	0.7765	0.5505	0.6754
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8016	0.1984	0.8017	0.6028	0.6601
p53-mutants			0.9943	0.0057	0.6778	0.3543	0.5312
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9689	0.0124	0.8465	0.8281	0.2337
parkinson			0.9750	0.0250	0.9745	0.9478	0.1158
parkinsons			0.9242	0.0758	0.9192	0.8381	0.3654
parkinsons-small			0.8947	0.1053	0.8643	0.7286	0.5039
particle			0.8948	0.1052	0.8700	0.7400	0.4951
particle10%			0.8615	0.1385	0.8340	0.6666	0.5822
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9189	0.0811	0.6396	0.2671	0.6352
pcmac			0.5464	0.4536	0.4828	-0.0258	0.9283
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8421	0.1579	0.7826	0.5636	0.6400
pediatric-leukemia			0.5882	0.1176	0.5107	0.4920	0.3584
pendigits			0.9618	0.0076	0.9617	0.9575	0.0648
period			0.4444	0.5556	0.5000	0.0000	0.8722
period-10f			0.4444	0.5556	0.4208	-0.1538	0.9711
persistency			0.7259	0.2741	0.7071	0.4142	0.7981
personalities			0.6533	0.0433	0.6536	0.6302	0.4442
pet-adoption			0.9050	0.0950	0.8916	0.7827	0.4364
phishing			0.9551	0.0449	0.9528	0.9053	0.2439
PhiUSIIL			1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.9221	0.0201	0.9454	0.9117	0.0426
phone-acc0.1%			0.9058	0.0269	0.8989	0.8900	0.1114
phone-acc1%			0.9841	0.0045	0.9830	0.9814	0.0307
phone-acc10%			0.9959	0.0012	0.9956	0.9952	0.0095
phone-gyr			0.9433	0.0153	0.9528	0.9457	0.0393
phone-gyr0.1%			0.9304	0.0199	0.9241	0.9186	0.0894
phone-gyr1%			0.9729	0.0078	0.9700	0.9683	0.0412
phone-gyr10%			0.9936	0.0018	0.9929	0.9926	0.0127
phoneme			0.8926	0.1074	0.8689	0.7376	0.5017
phy			0.6494	0.3506	0.6494	0.2988	0.8807
pima			0.7237	0.2763	0.7093	0.4184	0.7983
pirvision			0.9961	0.0026	0.9931	0.9876	0.0275
placement			0.7100	0.2900	0.7006	0.4008	0.8132
plant-growth			0.6316	0.3684	0.6315	0.2486	0.8662
plrx			0.7222	0.2778	0.6328	0.2623	0.8344
poker			0.6220	0.0756	0.2725	0.3396	0.7094
poker1%			0.4956	0.1009	0.1221	0.1172	0.7041
poker10%			0.5343	0.0931	0.1515	0.1925	0.8506
polish-1st			0.9815	0.0185	0.8726	0.7451	0.3951
polish-2nd			0.9420	0.0580	0.6466	0.2917	0.6136
polish-3rd			0.9438	0.0562	0.6873	0.3746	0.6097

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9520	0.0480	0.7764	0.5513	0.5667
polish-5th			0.9323	0.0677	0.7438	0.4874	0.6013
polya			0.7222	0.2778	0.6959	0.3918	0.8073
popularity			0.5667	0.2889	0.4130	0.1432	0.7375
post-operative			0.3333	0.4444	0.1667	-0.5000	0.5000
postures			0.9709	0.0116	0.9706	0.9637	0.0727
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6179	0.2353	0.9116
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.2424	0.0689	0.1484	0.1616	0.2672
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6269	0.3731	0.6116	0.2177	0.8722
promoters			0.8000	0.2000	0.8333	0.6154	0.4644
prostate			0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9840	0.0064	0.9722	0.9785	0.0499
puc-rio10%			0.9662	0.0135	0.9367	0.9547	0.0880
pufs-128			0.4975	0.5091	0.4936	-0.0038	1.0000
pufs-1281%			0.4982	0.5018	0.4982	-0.0037	1.0000
pufs-12810%			0.5003	0.4996	0.5003	0.0007	0.9998
pufs-64			0.5020	0.4980	0.5020	0.0040	0.9989
pufs-641%			0.4996	0.5004	0.4996	-0.0008	1.0000
pufs-6410%			0.4994	0.5006	0.4994	-0.0013	1.0000
pulsar			0.9713	0.0287	0.9181	0.8354	0.3654
raisin			0.8556	0.1444	0.8556	0.7111	0.5469
rcv1			0.2343	0.0236	0.0165	0.0126	0.3062
rcv11%			0.6611	0.0128	0.2961	0.6226	0.3547
rcv110%			0.6670	0.0126	0.2762	0.6252	0.3457
re0-wc			0.7800	0.0338	0.8313	0.7176	0.2973
re1-wc			0.8012	0.0159	0.6524	0.7738	0.1571
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8060	0.0060	0.2596	0.7352	0.2210
rice			0.9791	0.0209	0.9789	0.9578	0.1391
rnaseq			0.9875	0.0050	0.9901	0.9834	0.0182
rocket			0.6270	0.3730	0.6172	0.2341	0.9033
RT_IOT2022			0.9982	0.0003	0.9766	0.9955	0.0033
satimage			0.8709	0.0430	0.8556	0.8410	0.2070
satimageF			0.9860	0.0140	0.9647	0.9292	0.2145
satimageT			0.9051	0.0949	0.7549	0.5082	0.6248
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5000	0.5000	0.5000	0.0000	0.9994
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8974	0.1026	0.5726	0.1452	0.6710
secondary_mushroom			0.9948	0.0052	0.9947	0.9894	0.0457
seeds			0.9048	0.0635	0.9152	0.8571	0.1726
segment			0.9264	0.0210	0.9354	0.9139	0.0828
segmentation			0.8366	0.1634	0.8319	0.6577	0.5933
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.8992	0.1008	0.5411	0.0808	0.6856
semeion			0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram			0.7974	0.2026	0.5749	0.1494	0.7598
sens-10-gram			0.7979	0.2021	0.5532	0.1062	0.7751
sens-2-gram			0.7500	0.2500	0.5075	0.0147	0.7613
sens-3-gram			0.7816	0.2184	0.5773	0.1522	0.7482
sens-4-gram			0.7921	0.2079	0.5709	0.1413	0.7590
sens-5-gram			0.7947	0.2053	0.5657	0.1313	0.7634
sens-6-gram			0.7868	0.2132	0.5215	0.0429	0.7807

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8000	0.2000	0.5624	0.1248	0.7676
sens-8-gram			0.7368	0.2632	0.4929	-0.0139	0.7569
sens-9-gram			0.8105	0.1895	0.6124	0.2236	0.7442
sensorless			0.9856	0.0026	0.9856	0.9842	0.0242
sepsis			0.9095	0.0905	0.6570	0.0031	0.2085
shoppers			0.8597	0.1403	0.7257	0.4512	0.6779
shuttle			0.9997	0.0001	0.9497	0.9990	0.0219
sick			0.9867	0.0133	0.9444	0.8866	0.1604
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9994	0.0006	0.9991	0.9981	0.0098
skin10%			0.9971	0.0029	0.9957	0.9913	0.0243
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1800	0.4100	0.1709	-0.0986	0.8686
smk_can_187			0.5789	0.4211	0.5956	0.1739	0.8862
smoking			0.7980	0.2020	0.7829	0.5657	0.6847
soil_pollution			0.2000	0.3200	0.2002	-0.0011	0.8735
solar-flare			0.7698	0.0767	0.6819	0.7059	0.2112
sonar			0.8000	0.2000	0.8062	0.6000	0.6236
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9405	0.0595	0.8277	0.6548	0.5274
spambase			0.9087	0.0913	0.9047	0.8094	0.4168
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.4528	0.0228	0.1850	0.4228	0.1384
splice-EI			0.9495	0.0505	0.9337	0.8673	0.3218
splice-IE			0.8833	0.1167	0.8338	0.6661	0.5420
sport-articles			0.7800	0.2200	0.7669	0.5333	0.7134
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9021	0.0653	0.8757	0.8408	0.2333
steel-b			0.8205	0.1795	0.7371	0.4737	0.7062
steel-d			0.9795	0.0205	0.8564	0.7039	0.4990
steel-k			0.9744	0.0256	0.9611	0.9221	0.2232
steel-o			0.7692	0.2308	0.7506	0.5005	0.7347
steel-p			0.9077	0.0923	0.6936	0.3872	0.6483
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9387	0.8695	0.3610
stellar			0.9639	0.0241	0.9583	0.9360	0.1241
stock			0.9236	0.0764	0.8636	0.7209	0.4165
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0362
stress			0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle			0.4400	0.2240	0.3077	0.1430	0.6745
student-depression			0.7828	0.2172	0.7765	0.5529	0.7022
student-habits			0.2600	0.2960	0.1515	-0.0458	0.8649
student-weekend			0.3846	0.2462	0.3582	0.1824	0.7020
student-workday			0.5469	0.1812	0.1802	-0.0054	0.7746
studentap			0.4615	0.3590	0.3826	0.1574	0.7714
susy			0.7143	0.2857	0.7124	0.4248	0.8032
susy1%			0.7164	0.2836	0.7147	0.4294	0.8002
susy10%			0.7141	0.2859	0.7124	0.4247	0.8034
swarm_aligned			0.9983	0.0017	0.9981	0.9961	0.0162
swarm_flocking			0.9992	0.0008	0.9992	0.9983	0.0085
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn			0.8466	0.1534	0.8027	0.6054	0.6254
texture			0.9055	0.0172	0.9088	0.8958	0.1260

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7872	0.2128	0.5804	0.1607	0.7805
thrombin			0.9634	0.0366	0.6029	0.2037	0.5759
Thyroid_Diff			0.8947	0.1053	0.8683	0.7295	0.4423
tic-tac-toe			0.9474	0.0526	0.9435	0.8848	0.2992
tis			0.8773	0.1227	0.8312	0.6611	0.5530
tis10%			0.8657	0.1343	0.8191	0.6382	0.5919
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.5882	0.2059	0.6090	0.4541	0.3887
toxicity			0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f			0.8824	0.1176	0.8759	0.7213	0.2987
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6400	0.3600	0.4765	-0.0465	0.9106
trec11-wc			0.8049	0.0434	0.7240	0.7632	0.2193
trec12-wc			0.7419	0.0645	0.7857	0.6908	0.2242
trec21-wc			0.6970	0.1010	0.4562	0.3911	0.3659
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.9032	0.0277	0.7979	0.8729	0.1041
trec41-wc			0.9205	0.0159	0.7661	0.9027	0.0904
trec45-wc			0.8696	0.0261	0.7911	0.8476	0.1121
tuandromd			0.9821	0.0179	0.9719	0.9434	0.1312
turkish			0.7500	0.1250	0.7507	0.6667	0.3508
tvnews			0.9351	0.0649	0.9296	0.8583	0.3182
tvnews1%			0.8538	0.1462	0.8409	0.6793	0.5556
tvnews10%			0.8489	0.1511	0.8377	0.6753	0.5803
ur3_cobotops_grip			0.9592	0.0408	0.7251	0.4435	0.5836
ur3_cobotops_stop			0.9660	0.0340	0.7640	0.5278	0.5502
urban			0.8209	0.0398	0.8177	0.7907	0.1690
urinalysis			0.9301	0.0699	0.6270	0.2497	0.6378
url-rep1%			0.9825	0.0175	0.9805	0.9609	0.1362
ustilago			0.9747	0.0253	0.5349	0.0643	0.4718
ustilago1%			0.9625	0.0375	0.6369	0.1944	0.3913
ustilago10%			0.9727	0.0273	0.5390	0.0721	0.4790
vehicle			0.7500	0.1250	0.7178	0.6632	0.2554
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.8372	0.1628	0.8410	0.6753	0.5648
vowel			0.5556	0.0808	0.5633	0.5111	0.2974
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9002	0.0998	0.6594	0.3126	0.6586
wap-wc			0.6731	0.0327	0.4887	0.6350	0.2791
warpar10p			0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p			0.8571	0.0286	0.8743	0.8409	0.0667
watch-acc			0.9999	0.0000	0.9999	0.9998	0.0006
watch-acc1%			0.9839	0.0046	0.9835	0.9812	0.0365
watch-acc10%			0.9985	0.0004	0.9984	0.9982	0.0047
watch-gyr			0.9999	0.0000	0.9999	0.9999	0.0005
watch-gyr1%			0.9881	0.0034	0.9879	0.9862	0.0261
watch-gyr10%			0.9990	0.0003	0.9990	0.9988	0.0032
water_pollution			0.2333	0.3833	0.2339	-0.0219	0.8775
waveform			0.7460	0.1693	0.7457	0.6190	0.4978
weather-related			0.9635	0.0066	0.9635	0.9586	0.0566
web-phishing			0.8667	0.0889	0.8309	0.7656	0.3841
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9931	0.0028	0.9924	0.9913	0.0209
white-clover			0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc			0.9700	0.0150	0.9699	0.9600	0.0692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9896	0.0104	0.9442	0.8882	0.2208
wine			0.8824	0.0784	0.8530	0.7733	0.1202
winequality-red			0.6415	0.1195	0.4368	0.4415	0.5177
winequality-white			0.6196	0.1087	0.3639	0.4367	0.5758
winnipeg			0.9898	0.0029	0.9811	0.9870	0.0349
winnipeg10%			0.9791	0.0060	0.9741	0.9736	0.0593
wisc_bc			0.9298	0.0702	0.9246	0.8492	0.3528
yale			0.5625	0.0583	0.5250	0.5314	0.1084
yeast			0.4662	0.1068	0.3606	0.3150	0.4944
yeastCYT-POX			0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC			0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1			0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2			0.9527	0.0473	0.7194	0.4370	0.5750
zip			0.8892	0.0222	0.8778	0.8759	0.1644

Table 27: Detailed results for CHAID

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2024	0.0760	0.1248	0.1137	0.4978
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.8643	0.1343	0.4624	0.0000	0.2760
adult		0.8342	0.1658	0.7481	0.4742	0.6228
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9394	0.0849	0.4875	0.0000	0.2021
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7000	0.3000	0.6429	0.2857	0.8453
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8967	0.1033	0.8533	0.6921	0.4258
air_pollution		0.4000	0.1714	0.0818	-0.0060	0.3947
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8698	0.1302	0.8677	0.7354	0.5174
alcohol		0.6952	0.1219	0.2178	0.1264	0.3230
all-aml		0.6946	0.3285	0.4111	0.0000	0.4570
alzheimers		0.9023	0.0977	0.8933	0.7763	0.3680
anneal		0.9326	0.0270	0.7305	0.8591	0.1514
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9207	0.0396	0.6715	0.8488	0.1985
anuran-genus		0.8720	0.0320	0.6114	0.7851	0.2111
anuran-species		0.8694	0.0261	0.7310	0.8172	0.1847
anxiety		0.1500	0.1889	0.1781	0.0394	0.7274
apple-quality		0.6950	0.3050	0.6958	0.3900	0.8234
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9942	0.0084	0.5155	0.0000	0.0337
arabidopsis10%		1.0000	0.0079	0.5172	0.0000	0.0315
arcene		0.6158	0.3965	0.3835	0.0000	0.4807
arrhythmia		0.6667	0.0667	0.3312	0.3559	0.2803

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.8971	0.1029	0.7318	0.2935	0.2321
audiology		0.7727	0.0413	0.6407	0.7277	0.1182
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6000	0.1600	0.5588	0.4425	0.2889
avila		0.5458	0.0757	0.2999	0.3484	0.3812
babies		0.5000	0.1429	0.1628	0.1995	0.3536
balance		0.7903	0.1398	0.5463	0.6072	0.3338
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9051	0.0949	0.9058	0.8095	0.4121
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8364	0.1636	0.8201	0.6245	0.5509
basehock		0.9582	0.0636	0.9433	0.8823	0.3059
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8000	0.2000	0.7879	0.5430	0.5785
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.4851	0.2575	0.4949	0.3134	0.5692
bookings		0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor		0.5085	0.4915	0.5084	0.0168	0.9941
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5478	0.4467	0.3665	0.0000	0.5131
breast-tissue		0.6364	0.1212	0.5820	0.5644	0.1810
bridges		0.8000	0.0667	0.6061	0.6970	0.0886
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9162	0.0885	0.6789	0.0018	0.2067
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4820	0.3453	0.3122	-0.0077	0.4988
car		0.8448	0.0776	0.5636	0.6872	0.3170
car-insurance		0.8390	0.1610	0.8117	0.6233	0.6197
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.7089	0.0582	0.5247	0.6469	0.2540
cardiotocography-nsp		0.8310	0.1127	0.7152	0.5288	0.4455
cardiovascular		0.7232	0.2768	0.7250	0.4464	0.7802
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.6085	0.4643	0.6058
cas_N6512_cdk_ECFP2		0.5393	0.4524	0.5826	0.1109	0.8139
cas_N6512_rdkit_ATOMPAIR		0.4924	0.4984	0.4986	-0.0219	0.9818
cas_N6512_RDkit_AtomPair_FP		0.5986	0.4108	0.5798	0.1547	0.9336
cas_N6512_rdkit_AVALON		0.6809	0.3115	0.7005	0.3542	0.8273
cas_N6512_RDkit_Avalon_FP		0.5692	0.4328	0.6140	0.1597	0.8646
cas_N6512_rdkit_descriptors		0.6708	0.3292	0.6837	0.3521	0.8123
cas_N6512_rdkit_FEATMORGAN		0.7344	0.2952	0.7289	0.4095	0.7995
cas_N6512_RDkit_Featmorgan_FP		0.6462	0.3637	0.6494	0.2698	0.8073
cas_N6512_RDkit_FP		0.6520	0.3567	0.6379	0.2714	0.8648
cas_N6512_rdkit_LAYERED		0.6035	0.4143	0.6101	0.1677	0.9020
cas_N6512_RDkit_Layered_FP		0.6103	0.3874	0.6253	0.2105	0.9085
cas_N6512_rdkit_MACCS		0.7189	0.2811	0.7200	0.4383	0.7908
cas_N6512_RDkit_MACCS_FP		0.7377	0.2623	0.7406	0.4774	0.7578

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.7266	0.2902	0.7229	0.4313	0.7678
cas_N6512_RDkit_morgan_FP		0.6653	0.3484	0.6825	0.2930	0.8308
cas_N6512_rdkit_PATTERN		0.6703	0.3434	0.6792	0.3333	0.8377
cas_N6512_RDkit_pattern_FP		0.7156	0.2827	0.7214	0.4407	0.8017
cas_N6512_rdkit_RDKITFP		0.5358	0.4717	0.5350	0.0360	0.9579
cas_N6512_rdkit_TORSION		0.6434	0.3598	0.6622	0.2724	0.8373
ccds1%		0.9891	0.0380	0.4931	0.0000	0.1101
ccds10%		0.9628	0.0410	0.5641	0.0433	0.4222
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6839	0.3161	0.6212	0.2033	0.7940
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9510	0.0615	0.7072	0.3841	0.5849
central-nervous-system		0.0000	0.9653	0.0000	-0.8219	0.8765
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.6971	0.1514	0.4080	0.5305	0.2299
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		1.0000	0.0008	0.5096	0.0000	0.0044
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8060	0.1940	0.6459	0.0861	0.4084
churn-bigml		0.8914	0.1086	0.7543	0.3706	0.2430
ci900367j_MACCS		0.7053	0.2947	0.6930	0.2712	0.5729
circles		0.0400	0.0192	0.0031	0.0303	0.3071
cirrhosis		0.7143	0.1905	0.5023	0.3731	0.2706
cjs		0.6750	0.1083	0.6961	0.5957	0.2134
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.6556	0.1722	0.3648	0.4273	0.3723
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5224	0.3186	0.2588	0.0542	0.3053
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5374	0.3084	0.4106	0.2516	0.6019
cnae-9		0.5278	0.1049	0.5690	0.4688	0.2580
codon_usage		0.6401	0.0654	0.3550	0.5549	0.3383
coil20		0.0562	0.0917	0.0054	0.0000	0.4024
college		0.9091	0.0909	0.8822	0.7601	0.4164
collins		0.5400	0.0613	0.3796	0.4896	0.1942
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6207	0.3793	0.5499	0.0963	0.9266
colposcopies-2		0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3		0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6207	0.3793	0.6237	0.2313	0.8700
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.8065	0.1935	0.7925	0.5792	0.6633
column-3c		0.6129	0.2581	0.4958	0.3706	0.4515
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.6418	0.3582	0.6433	0.2824	0.8784
coupon		0.6569	0.3431	0.6439	0.2625	0.8254
covid19		0.5218	0.1366	0.1578	0.1257	0.3209
covtype		0.6441	0.1017	0.2893	0.4092	0.3035
covtype10%		0.6301	0.1057	0.2805	0.3810	0.3216

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.9443	0.0557	0.8746	0.7429	0.3668
covtypeT		0.9431	0.0569	0.7288	0.3977	0.4258
crabs		0.8000	0.1000	0.8421	0.7333	0.0999
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8295	0.0568	0.5772	0.6551	0.3664
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.0625	0.0586	0.0536	0.0323	0.2137
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.1534	-0.0140	0.7502
cyclopentane		0.6667	0.3333	0.6582	0.3077	0.8482
cylinder-bands		0.7963	0.2037	0.7949	0.5664	0.6031
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.6154	0.3846	0.3810	-0.1404	0.4667
dating		0.0974	0.1805	0.0930	-0.0025	0.7934
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8177	0.1823	0.6929	0.3259	0.6119
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8879	0.1121	0.6365	0.1321	0.4267
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.3750	0.4167	0.2000	-0.2121	0.5526
dexter		0.9367	0.0655	0.9562	0.8843	0.2377
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7833	0.2167	0.6666	0.2353	0.5887
diabetes		0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%		0.4902	0.3399	0.2570	-0.0670	0.5653
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.8233	0.8381	0.1535
diamonds_all		0.6288	0.1485	0.5128	0.4485	0.3369
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.0000	0.9581	0.0000	-0.9502	0.9486
dlbcl-harvard-tumor		0.7548	0.2423	0.4412	0.0000	0.3999
dlbcl-nih		0.5983	0.4165	0.3866	0.0000	0.4914
dlbcl-stanford		0.4188	0.5995	0.2970	0.0000	0.5198
dna0.1%		1.0000	0.0028	0.5159	0.0000	0.0130
dorothea		0.9920	0.0507	0.8361	0.6670	0.3559
dota2		0.5394	0.4606	0.5316	0.0384	0.8244
dota210%		0.5233	0.4767	0.5339	0.0629	0.9500
drebin		0.8989	0.1011	0.8915	0.7750	0.3923
dropout		0.7336	0.1776	0.6503	0.5356	0.4471
drug-01		0.3936	0.1733	0.1709	0.0640	0.5303
drug-02		0.5053	0.1413	0.1305	0.0244	0.3881
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5000	0.1429	0.1390	0.0637	0.5414
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3989	0.1717	0.2203	0.2422	0.4726
drug-07		0.4149	0.1950	0.1487	0.0097	0.3943
drug-08		0.5160	0.1383	0.1421	0.0067	0.4443
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5053	0.1413	0.1454	0.0458	0.4832
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6170	0.1094	0.1670	0.2296	0.3141
drug-14		0.5479	0.1292	0.1920	0.1984	0.4916

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5851	0.1383	0.2832	0.3029	0.4393
drug-17		0.3723	0.1793	0.1854	0.1415	0.5678
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.8553	0.0414	0.8677	0.8247	0.1892
ecoli		0.6765	0.1078	0.4690	0.5411	0.2939
ecoliCP-IM		0.9545	0.0455	0.9519	0.8991	0.1675
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.2405	-0.0199	0.7908
eeg		0.2875	0.0891	0.2153	0.2074	0.6042
eeg-eye		0.6595	0.3405	0.6537	0.3065	0.8709
eeg10%		0.2995	0.0876	0.2272	0.2130	0.5504
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5890	0.1644	0.5724	0.4643	0.4335
euthyroid		0.9082	0.0918	0.6842	0.3388	0.5871
exon.vs.intron-freq		0.9008	0.0992	0.9008	0.8004	0.4225
exon.vs.intron-freq10%		0.8971	0.1029	0.8977	0.7927	0.4244
fakenews		0.5275	0.4725	0.5296	0.0573	0.9697
fbis-wc		0.4847	0.0592	0.3910	0.4163	0.4979
fertility		0.6000	0.4000	0.3750	-0.1765	0.5613
finance		0.5294	0.4706	0.5063	0.0113	0.9634
financial-risk		0.6925	0.1025	0.3530	0.4681	0.2832
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.6000	0.1143	0.4851	0.5016	0.2728
fonts10%		0.0074	0.0126	0.0001	0.0000	0.3484
forest		0.8269	0.0865	0.8307	0.7602	0.2146
gas		0.8009	0.0664	0.8046	0.7579	0.2332
gastrointestinal		0.6250	0.2500	0.4778	0.3642	0.4577
gender		0.5916	0.2723	0.3557	0.0483	0.4548
gene		0.8076	0.1283	0.7943	0.6973	0.3788
german		0.6900	0.3100	0.6300	0.2327	0.8126
gestures		0.5377	0.2312	0.5361	0.3845	0.3626
gina		0.7299	0.2766	0.7377	0.4383	0.7640
gisette		0.8603	0.1375	0.8916	0.7195	0.5028
glass		0.7143	0.0952	0.6892	0.5828	0.1691
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		1.0000	0.0000	1.0000	1.0000	0.0000
GlaucomaM		0.5789	0.4211	0.5956	0.1739	0.8862
gli_85		0.7569	0.2466	0.4484	0.0000	0.3975
glioma		0.2027	0.5279	0.1137	0.0000	0.4212
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage		0.5333	0.2333	0.5497	0.3675	0.4995
gsalc		0.1133	0.2867	0.0346	0.0000	0.4012
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.0134	0.1609	0.0022	0.0000	0.3540
har		0.4837	0.2065	0.5068	0.3574	0.3931
har70		0.7644	0.0673	0.4457	0.6357	0.2306
har701%		0.7757	0.0641	0.4436	0.6514	0.2056
har7010%		0.7830	0.0620	0.4554	0.6634	0.2004

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth		0.6706	0.0549	0.2473	0.5389	0.2976
harth1%		0.6658	0.0557	0.2414	0.5304	0.3002
harth10%		0.6699	0.0550	0.2465	0.5382	0.2959
hayes-roth		0.5000	0.3333	0.5873	0.2099	0.4244
hcc-survival		0.4706	0.5294	0.4857	-0.0268	0.9719
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7037	0.2963	0.6866	0.3684	0.8172
heart-attack		0.8065	0.1935	0.8199	0.6189	0.5820
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.8400	0.1600	0.8070	0.6010	0.5729
heart-quantum		0.8400	0.1600	0.8619	0.6875	0.4308
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%		0.8016	0.1984	0.8028	0.6029	0.6526
hepmass10%		0.7986	0.2014	0.8002	0.5969	0.6556
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%		0.6145	0.3855	0.6112	0.2212	0.9147
higgs1%		0.6158	0.3842	0.6126	0.2135	0.8884
higgs10%		0.6210	0.3790	0.6176	0.2304	0.9004
higher		0.0714	0.2321	0.0625	-0.0643	0.3674
hinselmann		0.5000	0.5000	0.3333	-0.3158	0.8298
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		1.0000	0.0352	0.4960	0.0000	0.1033
horse		0.6111	0.2593	0.5855	0.3480	0.6205
hotel-reservartions		0.7591	0.2409	0.7125	0.3552	0.6159
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.6034	0.2644	0.6254	0.4000	0.5710
ht-sensor10%		0.5985	0.2677	0.6200	0.3932	0.5753
htru2		0.9659	0.0341	0.8897	0.7574	0.1559
hypothyroid		0.9231	0.0385	0.3634	0.3179	0.1803
hypothyroidT		0.9761	0.0239	0.9106	0.8040	0.0803
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.8900	0.0550	0.8994	0.8533	0.1407
ionosphere		0.9143	0.0857	0.9022	0.7853	0.2404
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.2993	0.0544	0.2991	0.2659	0.5354
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.6958	0.0676	0.6817	0.6555	0.3435
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect		0.7692	0.0923	0.3178	0.4265	0.1435
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8269	0.1731	0.7165	0.4236	0.6904
kdc-4007		0.7174	0.0858	0.7275	0.6662	0.3516
kddcup981%		0.9791	0.0524	0.4995	0.0000	0.1400
kddcup9810%		0.9716	0.0495	0.4985	0.0000	0.1334
kddcup991%		0.9785	0.0033	0.2955	0.9635	0.0249
kddcup9910%		0.9791	0.0022	0.2032	0.9644	0.0207
kepler		0.8567	0.0955	0.8076	0.7656	0.2399
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9500	0.0500	0.9467	0.8933	0.2764
krkopt		0.2881	0.0791	0.1874	0.1923	0.5346
krvskp		0.9436	0.0564	0.9434	0.8869	0.2908
la1s-wc		0.2432	0.2467	0.0649	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
la2s-wc		0.7029	0.1053	0.6767	0.6164	0.4724
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.5588	0.0384	0.5069	0.5368	0.1050
led24		0.6000	0.0889	0.6388	0.5493	0.2220
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.4535	0.0420	0.4732	0.4319	0.3376
leukemia		0.2938	0.4663	0.1532	0.0000	0.4089
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.6111	0.0519	0.5910	0.5824	0.1417
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.6765	0.3235	0.4035	0.0000	0.4580
loan		0.9133	0.0867	0.9175	0.8231	0.3518
localization		0.4544	0.0992	0.1843	0.2763	0.4599
localization10%		0.4387	0.1021	0.1674	0.2603	0.4444
lrs		0.8113	0.0539	0.6207	0.7389	0.1731
lung		0.7781	0.0939	0.3263	0.4624	0.1581
lung_discrete		0.7500	0.1000	0.6650	0.6800	0.1214
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.1021	0.3572	0.0380	0.0000	0.2586
lung-cancer-harvard2		0.1729	0.8160	0.1455	0.0000	0.3418
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2		0.8057	0.0721	0.6222	0.6854	0.0930
machine-failure		0.9468	0.0532	0.9468	0.8917	0.2773
madelon		0.7769	0.2231	0.7836	0.5538	0.6651
magic04		0.7749	0.2251	0.7529	0.5057	0.7293
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8430	0.6859	0.5749
marketing		0.8527	0.1473	0.5924	0.0788	0.5088
maternal		0.6337	0.2442	0.6484	0.4362	0.5490
math		0.8250	0.0875	0.7860	0.7366	0.3008
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2367	0.3053	0.2396	0.0383	0.7033
messidor		0.5913	0.4087	0.5988	0.1927	0.9123
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.8250	0.0350	0.8321	0.8056	0.1701
mfeat-fou		0.7000	0.0600	0.7099	0.6667	0.2507
mfeat-kar		0.6850	0.0630	0.6947	0.6500	0.3155
mfeat-mor		0.6900	0.0620	0.6914	0.6556	0.2144
mfeat-pix		0.8100	0.0380	0.8151	0.7889	0.1897
mfeat-zer		0.6050	0.0790	0.6137	0.5611	0.3484
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.7830	0.1447	0.8262	0.6828	0.2792
mines		0.3235	0.2706	0.2635	0.1472	0.5107
mobile		0.3357	0.0237	0.2588	0.3237	0.2272
monks-1		0.7455	0.2545	0.7876	0.4954	0.4694
monks-2		0.7049	0.2951	0.6541	0.2989	0.8273
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9754	0.0246	0.9755	0.9508	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
music		0.3744	0.1137	0.3898	0.2415	0.5535
musk		0.8818	0.1182	0.7396	0.3572	0.3461
MUT_ci300400a_cdk_ECFP2		0.7062	0.2974	0.7300	0.4175	0.7760
MUT_ci300400a_cdk_ECFP4		0.7242	0.2958	0.7428	0.4266	0.7638
MUT_ci300400a_cdk_ECFP6		0.7186	0.3023	0.6989	0.3863	0.7785
MUT_ci300400a_cdk_ESTATE		0.6906	0.3094	0.6916	0.3791	0.8208
MUT_ci300400a_cdk_EXTENDED		0.6647	0.3352	0.6681	0.3228	0.8414
MUT_ci300400a_cdk_FCFP2		0.4643	0.5325	0.5775	0.0424	0.6232
MUT_ci300400a_cdk_FCFP4		0.5651	0.4468	0.5790	0.1340	0.8706
MUT_ci300400a_cdk_FCFP6		0.5873	0.4184	0.6268	0.1995	0.7579
MUT_ci300400a_cdk_MACCS		0.7074	0.2926	0.6949	0.3874	0.8144
MUT_ci300400a_cdk_PUBCHEM		0.8686	0.1630	0.8533	0.6873	0.5802
MUT_ci300400a_cdk_STANDARD		0.7865	0.2262	0.7675	0.5248	0.6979
MUT_ci300400a_rdkit_descriptors		0.7469	0.2531	0.7405	0.4808	0.7596
myocardial		0.8588	0.0353	0.2449	0.1837	0.1160
naticusdroid		0.9309	0.0691	0.9321	0.8618	0.3168
NCI60		0.5000	0.1667	0.3793	0.4000	0.1784
nci9		0.1739	0.2706	0.0490	0.0000	0.3994
ncRNA		0.8470	0.0161	0.1171	0.5248	0.1708
ncRNA1%		0.8432	0.0165	0.0866	0.5353	0.1522
ncRNA10%		0.8449	0.0163	0.0878	0.5279	0.1527
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6355	0.3645	0.6332	0.2662	0.8960
NHANES_age_prediction		0.9736	0.0264	0.9535	0.9052	0.2809
nomao		0.9002	0.0998	0.8777	0.7555	0.4766
NPHA-doctor-visits		0.4583	0.3611	0.3024	-0.0358	0.6743
nursery		0.8434	0.0783	0.6409	0.7682	0.1866
obesity		0.5261	0.1354	0.5068	0.4482	0.3983
obs		0.7593	0.1204	0.7955	0.6417	0.2769
occupancy		0.9844	0.0156	0.9790	0.9571	0.1613
Occupancy_Estimation		0.9842	0.0079	0.9545	0.9513	0.0424
oh0-wc		0.8400	0.0353	0.8261	0.8238	0.1814
oh10-wc		0.5055	0.1002	0.5163	0.4321	0.4170
oh15-wc		0.5857	0.0866	0.5648	0.5148	0.3761
oh5-wc		0.2274	0.1532	0.2188	0.1105	0.3337
olive		0.9123	0.0195	0.8975	0.8912	0.0939
opn310k		0.0954	0.8789	0.0851	0.0000	0.2179
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9128	0.0876	0.4872	0.0000	0.2072
optdigits		0.7651	0.0470	0.7723	0.7389	0.2531
optdigitsZ		0.9911	0.0089	0.9721	0.9436	0.0992
orl		0.0258	0.0470	0.0013	0.0000	0.4045
orlraws10P		0.1005	0.1756	0.0185	0.0000	0.3875
ovarian-cancer		0.3638	0.6222	0.2686	0.0000	0.5053
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7990	0.2010	0.7678	0.5261	0.6685
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8333	0.1667	0.8346	0.6670	0.5914
p53-mutants		1.0000	0.0047	0.5094	0.0000	0.0200
p53-mutants10%		0.0032	0.9931	0.0032	0.0000	0.0090
page-blocks		0.9470	0.0212	0.5399	0.6159	0.1399
parkinson		0.9500	0.0500	0.9488	0.8972	0.2733
parkinsons		0.8483	0.1517	0.8378	0.6631	0.5253
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.8528	0.1472	0.8100	0.6139	0.5807
particle10%		0.8546	0.1454	0.8130	0.6214	0.5808

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pasture			0.5000	0.3333	0.5000	0.2000	0.3750
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5799	0.4232	0.4901	-0.0146	0.7577
pcos			0.9633	0.0367	0.9440	0.8875	0.2932
pd			0.8289	0.1711	0.7512	0.4800	0.6233
pediatric-leukemia			0.2434	0.2089	0.0555	0.0000	0.3551
pendigits			0.7898	0.0420	0.7940	0.7662	0.2131
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.7813	0.2187	0.7641	0.4944	0.6231
personalities			0.2680	0.0915	0.2635	0.2192	0.6523
pet-adoption			0.9000	0.1000	0.8881	0.7570	0.3198
phishing			0.8980	0.1020	0.8990	0.7917	0.4286
PhiUSIIL10%			0.4364	0.5456	0.3060	0.0000	0.5072
phone-acc0.1%			0.4648	0.1529	0.4219	0.3738	0.4607
phone-acc1%			0.4522	0.1565	0.4393	0.3594	0.4498
phone-acc10%			0.4475	0.1579	0.4447	0.3537	0.4573
phone-gyr0.1%			0.3941	0.1731	0.3499	0.2882	0.4308
phone-gyr1%			0.3759	0.1783	0.4133	0.2667	0.4595
phone-gyr10%			0.3951	0.1728	0.3392	0.2914	0.4615
phoneme			0.7815	0.2185	0.7532	0.4995	0.7138
phy			0.6644	0.3356	0.6677	0.3280	0.8454
pima			0.7237	0.2763	0.7210	0.3502	0.5762
pirvision			0.9758	0.0161	0.9599	0.9252	0.1455
placement			0.7600	0.2400	0.7534	0.5067	0.7398
plant-growth			0.7895	0.2105	0.7978	0.5824	0.6422
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.5440	0.1013	0.1242	0.1438	0.2810
poker1%			0.5659	0.1240	0.1654	0.1734	0.3035
poker10%			0.5448	0.1138	0.1402	0.1464	0.2952
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9475	0.0525	0.7589	0.3752	0.1422
polya			0.6886	0.3114	0.6338	0.2321	0.7939
popularity			0.6416	0.2389	0.3827	0.0980	0.4412
post-operative			0.5556	0.4444	0.3571	-0.2000	0.9762
postures			0.6494	0.1402	0.6599	0.5617	0.4187
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6913	0.3824	0.8319
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.4242	0.0886	0.3017	0.3503	0.2626
processed			0.8381	0.1619	0.8189	0.5731	0.3444
profb			0.6716	0.3284	0.5552	0.0587	0.7352
promoters			0.7000	0.3000	0.7041	0.4000	0.7967
prostate			0.8823	0.1399	0.8881	0.7133	0.3508
prostate_GE			0.9505	0.0885	0.9439	0.8321	0.2799
puc-rio			0.7458	0.1017	0.6738	0.6483	0.2810
puc-rio10%			0.7562	0.0975	0.6753	0.6616	0.2665
pufs-1281%			0.5005	0.4995	0.5005	0.0010	0.9991
pufs-12810%			0.4986	0.5014	0.4986	-0.0028	1.0000
pufs-64			0.5027	0.4973	0.5027	0.0054	0.9959
pufs-641%			0.5033	0.4967	0.5034	0.0067	0.9977
pufs-6410%			0.4963	0.5038	0.4962	-0.0075	1.0000
pulsar			0.9745	0.0255	0.9198	0.8280	0.1215
raisin			0.8333	0.1667	0.8402	0.6667	0.5451
re0-wc			0.6507	0.0537	0.4542	0.5258	0.4522
re1-wc			0.0428	0.0748	0.0868	0.0121	0.3737

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9802	0.0198	0.9801	0.9599	0.1219
rnaseq			0.1772	0.3173	0.0663	0.0077	0.3613
rocket			0.6299	0.3701	0.6052	0.1291	0.7170
RT_IOT2022			0.9677	0.0054	0.5426	0.9174	0.0286
satimage			0.7900	0.0700	0.7517	0.7370	0.2566
satimageF			0.9673	0.0327	0.9110	0.8142	0.2223
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6600	0.6316	0.1509
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5294	0.4706	0.5336	0.0588	0.9318
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.7557	0.2443	0.7540	0.5076	0.7418
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8182	0.0519	0.8448	0.7871	0.1567
segmentation			0.7228	0.2772	0.7081	0.4139	0.7929
segmentO			0.9870	0.0130	0.9738	0.9463	0.0533
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9623	0.0377	0.8879	0.7655	0.2727
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8380	0.1697	0.6002	0.1553	0.7463
sens-4-gram			0.8777	0.1184	0.6908	0.1010	0.2521
sensorless			0.8299	0.0309	0.8344	0.8129	0.1571
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8970	0.1030	0.7804	0.5452	0.5362
shuttle			0.9669	0.0095	0.4123	0.9094	0.0849
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9046	0.0954	0.8455	0.6737	0.4154
skin10%			0.8991	0.1009	0.8360	0.6509	0.4242
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2400	0.3800	0.0984	-0.0248	0.5059
smk_can_187			0.4806	0.5044	0.3227	0.0000	0.5274
smoking			0.7296	0.2704	0.7274	0.4468	0.7633
soil_pollution			0.2133	0.3147	0.2085	0.0144	0.8284
solar-flare			0.7266	0.0911	0.5283	0.6452	0.1993
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.8676	0.0139	0.7677	0.8543	0.0565
spam-detection			0.9185	0.0815	0.6873	0.2827	0.4453
spambase			0.8957	0.1043	0.8902	0.7793	0.4434
spect			0.6296	0.3704	0.5723	0.1346	0.8110
spectf			0.8286	0.1714	0.7900	0.5800	0.6541
spectrometer			0.4615	0.0399	0.3234	0.4295	0.1722
splice-EI			0.9180	0.0820	0.9100	0.8038	0.3968
splice-IE			0.8297	0.1703	0.7375	0.4348	0.5947
sport-articles			0.8200	0.1800	0.8051	0.6095	0.6396
squash-stored			0.8000	0.1333	0.8333	0.7059	0.1585
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7911	0.1393	0.7535	0.6677	0.3758
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9692	0.0308	0.9520	0.9020	0.1773
steel-o			0.7282	0.2718	0.6931	0.2872	0.5951
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.7732	0.1512	0.7234	0.5533	0.3871
stock			0.8611	0.1389	0.7272	0.3825	0.5036
stockb			0.9559	0.0294	0.9584	0.9339	0.0825
streaming			0.9100	0.0900	0.9090	0.8172	0.3975
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5750	0.1700	0.2998	0.3105	0.4575
student-depression			0.7767	0.2233	0.7672	0.5307	0.7042
student-habits			0.3400	0.2640	0.1583	-0.0381	0.5200
student-weekend			0.3538	0.2585	0.1398	0.0434	0.5498
student-workday			0.7031	0.1187	0.2261	0.0515	0.2877
studentap			0.2308	0.5128	0.1429	-0.1818	0.8197
susy			0.7428	0.2572	0.7400	0.4778	0.7576
susy1%			0.7528	0.2472	0.7503	0.4974	0.7397
susy10%			0.7440	0.2560	0.7412	0.4804	0.7568
tae			0.4000	0.4000	0.3944	0.1000	0.7208
telco-churn			0.8423	0.1577	0.7842	0.5506	0.5836
texture			0.7982	0.0367	0.8208	0.7772	0.1682
theorem			0.9051	0.0949	0.9129	0.8109	0.3361
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			0.7579	0.2421	0.7150	0.4178	0.7432
tis			0.8115	0.2004	0.7259	0.2220	0.3659
tis10%			0.8657	0.1343	0.8081	0.6060	0.5533
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1500	0.3636	0.3684	0.1904
tox_171			0.4746	0.2614	0.3997	0.3138	0.2458
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.7727	0.4586	0.5193
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.0251	0.2064	0.0054	-0.0290	0.4159
trec12-wc			0.4327	0.1444	0.2841	0.3231	0.2695
trec21-wc			0.9172	0.0466	0.8779	0.7991	0.2706
trec23-wc			0.8919	0.0475	0.6216	0.8336	0.0953
trec31-wc			0.7851	0.0747	0.7657	0.7436	0.3489
trec41-wc			0.7965	0.0392	0.5709	0.7589	0.2450
trec45-wc			0.3072	0.1347	0.2196	0.2405	0.2685
tuandromd			0.9641	0.0359	0.9448	0.8896	0.2802
turkish			0.6500	0.1750	0.6262	0.5333	0.3971
tvnews			0.6356	0.3630	0.4001	0.0000	0.4630
tvnews1%			0.8615	0.1385	0.8514	0.7027	0.5500
tvnews10%			0.3805	0.6056	0.2782	0.0000	0.4983
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7612	0.0531	0.6802	0.7186	0.1933
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			1.0000	0.0096	0.5028	0.0000	0.0371
vehicle			0.7738	0.1131	0.7373	0.6953	0.2447
vehicleVAN			0.8929	0.1071	0.8511	0.6786	0.3905
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.9535	0.0465	0.9555	0.9071	0.2027
vowel			0.3939	0.1102	0.3882	0.3333	0.2838
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9202	0.0869	0.4966	0.0000	0.2075
wap-wc			0.1644	0.0815	0.1315	0.0651	0.3242
warpar10p			0.2317	0.1511	0.1341	0.1457	0.2372

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
warppie10p			0.7388	0.0566	0.7727	0.7049	0.1346
watch-acc			0.4635	0.1533	0.4495	0.3695	0.5385
watch-acc1%			0.4623	0.1536	0.4427	0.3712	0.5368
watch-acc10%			0.4628	0.1535	0.4464	0.3711	0.5339
watch-gyr			0.3719	0.1795	0.3793	0.2648	0.4738
watch-gyr1%			0.3649	0.1814	0.3605	0.2589	0.4803
watch-gyr10%			0.3663	0.1811	0.3602	0.2588	0.4940
water_pollution			0.2600	0.3700	0.2612	0.0133	0.8459
waveform			0.7060	0.1960	0.7061	0.5590	0.5479
weather-related			0.5692	0.0783	0.4879	0.5019	0.2625
web-phishing			0.8222	0.1185	0.5671	0.6646	0.3106
Weekly			0.9444	0.0556	0.9472	0.8889	0.2404
weight-lift			0.4915	0.2034	0.5889	0.3678	0.3719
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9350	0.0325	0.9351	0.9133	0.1172
wilt			0.9648	0.0352	0.7750	0.4705	0.2535
wine			0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red			0.5094	0.1635	0.2293	0.2109	0.4613
winequality-white			0.5133	0.1622	0.2398	0.1951	0.4351
winnipeg			0.1257	0.2452	0.0309	0.0000	0.3387
winnipeg10%			0.9254	0.0213	0.7684	0.9051	0.1019
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.3125	0.0917	0.2456	0.2667	0.1669
yeast			0.5270	0.1051	0.4191	0.3897	0.3525
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.7376	0.0525	0.7248	0.7055	0.2881

Table 28: Detailed results for CHAID(W)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1205	0.0838	0.0521	0.0380	0.4886
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7633	0.2367	0.6385	0.0013	0.3889
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.1810	0.8190	0.1532	0.0000	0.3661
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9417	0.0583	0.7193	0.2370	0.1529
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7512	0.2488	0.4290	-0.0093	0.5044
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8504	0.1496	0.4596	-0.0004	0.3059
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.9628	0.0372	0.9592	0.9176	0.2021
anneal		0.7753	0.0899	0.4276	0.3537	0.2636
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.0083	0.9917	0.0083	0.0000	0.0237
anuran-family		0.0097	0.4951	0.0048	0.0000	0.3273
anuran-genus		0.0751	0.2312	0.0175	0.0000	0.2736
anuran-species		0.0431	0.1914	0.0083	0.0000	0.3216
anxiety		0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality		0.4850	0.5150	0.3772	-0.0300	0.6934
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9814	0.0186	0.5111	0.0217	0.4937
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.0889	0.1822	0.0308	0.0360	0.2405

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.8627	0.1373	0.4632	-0.0185	0.5367
audiology		0.5909	0.0744	0.3197	0.4987	0.1713
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.2000	0.3200	0.2325	0.0504	0.3812
avila		0.0005	0.1666	0.0001	0.0000	0.3409
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.4839	0.3441	0.2174	0.0000	0.3289
bank		0.8861	0.1139	0.4698	-0.0024	0.3127
banknote		0.4453	0.5547	0.3081	0.0000	0.5302
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6290	0.3710	0.3861	-0.0183	0.6145
basehock		0.9347	0.0653	0.9352	0.8694	0.3143
bio		0.9909	0.0091	0.4977	-0.0003	0.1265
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.3810	0.6190	0.2759	0.0000	0.5189
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2575	0.3713	0.2825	0.0100	0.4045
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.4545	0.5455	0.3125	0.0000	0.5306
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.5977	0.6700	0.0888
bridges		0.2000	0.2667	0.1370	0.0244	0.3326
bub10at310k-hg16-17		0.9089	0.0911	0.4761	-0.0004	0.2278
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9092	0.0908	0.6567	0.0018	0.2091
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.3750	0.6250	0.2727	0.0000	0.5170
cancer		0.7246	0.2754	0.7068	0.2555	0.4393
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7471	0.1264	0.3997	0.5223	0.2526
car-insurance		0.8400	0.1600	0.8113	0.6220	0.6154
card		0.4928	0.5072	0.6341	0.1072	0.5306
cardiotocography		0.0423	0.1915	0.0081	0.0000	0.3785
cardiotocography-nsp		0.7793	0.1471	0.2920	0.0000	0.2332
cardiovascular		0.4996	0.5004	0.3331	0.0000	0.5284
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5143	0.4583	0.3165
cas_N6512_cdk_ECFP2		0.5315	0.4685	0.5736	0.1067	0.8187
cas_N6512_rdkit_ATOMPAIR		0.4815	0.5185	0.4886	-0.0219	0.9912
cas_N6512_RDkit_AtomPair_FP		0.5767	0.4233	0.5770	0.1536	0.9447
cas_N6512_rdkit_AVALON		0.6728	0.3272	0.6763	0.3490	0.8429
cas_N6512_RDkit_Avalon_FP		0.5644	0.4356	0.5861	0.1537	0.8867
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.7005	0.2995	0.7058	0.4054	0.8019
cas_N6512_RDkit_Featmorgan_FP		0.6227	0.3773	0.6432	0.2636	0.8385
cas_N6512_RDkit_FP		0.6365	0.3635	0.6341	0.2682	0.8950
cas_N6512_rdkit_LAYERED		0.5815	0.4185	0.5819	0.1633	0.9408
cas_N6512_RDkit_Layered_FP		0.6058	0.3942	0.6038	0.2076	0.9237
cas_N6512_rdkit_MACCS		0.7492	0.2508	0.7483	0.4964	0.7517
cas_N6512_RDkit_MACCS_FP		0.7365	0.2635	0.7341	0.4680	0.7716
cas_N6512_rdkit_MORGAN		0.7031	0.2969	0.7089	0.4109	0.7969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.6380	0.3620	0.6523	0.2893	0.8455
cas_N6512_rdkit_PATTERN		0.6554	0.3446	0.6635	0.3187	0.8481
cas_N6512_RDkit_pattern_FP		0.7132	0.2868	0.7108	0.4212	0.8045
cas_N6512_rdkit_RDKITFP		0.5161	0.4839	0.5176	0.0350	0.9849
cas_N6512_rdkit_TORSION		0.6281	0.3719	0.6444	0.2718	0.8498
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9586	0.0414	0.5468	0.0415	0.4302
cdc_diabetes		0.8385	0.1077	0.3955	0.1321	0.3761
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6995	0.3005	0.7019	0.3906	0.7842
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9424	0.0576	0.7223	0.4322	0.5523
census10%		0.9375	0.0625	0.6913	0.3777	0.6012
central-nervous-system		0.0000	1.0000	0.0000	-0.8000	0.9183
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.1895	0.4053	0.1330	-0.0954	0.3653
chrom19		0.9990	0.0010	0.4998	-0.0000	0.0505
chrom191%		0.9976	0.0024	0.7996	0.4991	0.5000
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.0783	0.9217	0.0726	0.0000	0.1935
churn		0.7160	0.2840	0.5753	0.1503	0.8327
churn-bigml		0.8577	0.1423	0.6292	0.1878	0.5964
ci900367j_MACCS		0.6947	0.3053	0.6612	0.3104	0.8243
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.0714	0.6190	0.0788	-0.2600	0.5970
cjs		0.9679	0.0107	0.9701	0.9607	0.0552
ckd		0.9500	0.0500	0.9494	0.8936	0.2605
clave		0.7028	0.1486	0.5027	0.5350	0.5585
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5000	0.3333	0.2500	0.0526	0.3172
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4558	0.3628	0.3485	0.1219	0.5873
cnae-9		0.8333	0.0370	0.8509	0.8125	0.1535
codon_usage		0.2241	0.1411	0.0333	0.0000	0.3196
coil20		0.0556	0.0944	0.0053	0.0000	0.4152
college		0.7273	0.2727	0.4211	0.0000	0.4205
collins		0.9600	0.0053	0.8583	0.9560	0.0106
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.3448	0.6552	0.2564	0.0000	0.5054
colposcopies-2		0.3793	0.6207	0.2750	0.0000	0.5184
colposcopies-3		0.4138	0.5862	0.2927	0.0000	0.5266
colposcopies-4		0.2759	0.7241	0.2162	0.0000	0.4638
colposcopies-5		0.1724	0.8276	0.1471	0.0000	0.3547
colposcopies-6		0.4828	0.5172	0.3256	0.0000	0.5300
colposcopies-c		0.8966	0.1034	0.8560	0.6692	0.2534
column-2c		0.9677	0.0323	0.9634	0.9242	0.1262
column-3c		0.6774	0.2151	0.5343	0.5087	0.1838
connect-4		0.9778	0.0148	0.4464	0.0129	0.0417
cottonmeloidogyne		0.5048	0.4952	0.3355	0.0000	0.5277
coupon		0.6680	0.3320	0.6550	0.2973	0.8410
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.8824	0.0336	0.8326	0.8107	0.2610

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.3644	0.1816	0.0763	-0.0003	0.2484
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9299	0.0701	0.4818	-0.0005	0.2032
crabs		0.8000	0.1000	0.8000	0.7333	0.1796
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced		0.0212	0.3263	0.0069	-0.0021	0.2748
cryotherapy		0.8889	0.1111	0.8953	0.7692	0.3145
cultivars		0.0625	0.0586	0.0107	0.0323	0.3140
customer-churn		0.9840	0.0160	0.7849	0.5664	0.4670
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.4444	0.5556	0.4693	-0.0533	0.9616
darwin		0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7777	0.2223	0.4375	-0.0027	0.4182
defect		0.9506	0.0494	0.9059	0.8109	0.3489
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.4324	0.1892	0.2490	0.3050	0.2463
desharnais		0.1250	0.5833	0.0741	0.0000	0.3719
dexter		0.9333	0.0667	0.9372	0.8667	0.2500
df_final		0.5000	0.3333	0.4938	0.3043	0.3348
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8077	0.1923	0.7940	0.5860	0.6564
diabetes-100k		0.9689	0.0311	0.8921	0.7668	0.1860
diabetes-risk		0.9187	0.0813	0.8713	0.7392	0.4299
diabetic		0.5509	0.2994	0.4143	0.1493	0.6944
diabetic1%		0.3529	0.4314	0.1739	0.0000	0.3564
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.3833	0.3083	0.3669	0.2688	0.2377
diamonds_all		0.0298	0.3881	0.0116	0.0000	0.3909
dishonest		0.9688	0.0312	0.9658	0.9292	0.2092
dlbcl-harvard-outcome		0.0000	1.0000	0.0000	-0.9231	0.9710
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9478	0.0522	0.8310	0.6399	0.3592
dota2		0.5573	0.4427	0.5543	0.1082	0.9633
dota210%		0.5058	0.4942	0.4471	-0.0382	0.8038
drebin		0.9569	0.0431	0.9543	0.9085	0.2478
dropout		0.1806	0.5463	0.1020	0.0000	0.4126
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5372	0.1322	0.1437	0.0382	0.3293
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3936	0.1733	0.2044	0.1966	0.3296
drug-07		0.3617	0.2128	0.0885	0.0000	0.2699
drug-08		0.0479	0.2720	0.0131	0.0000	0.3101
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.0213	0.3262	0.0069	0.0000	0.2023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-13		0.6170	0.1094	0.1685	0.1703	0.2975
drug-14		0.5638	0.1246	0.1475	0.1284	0.3616
drug-15		0.0213	0.2796	0.0060	0.0000	0.2188
drug-16		0.6064	0.1312	0.3188	0.3222	0.3563
drug-17		0.3457	0.1869	0.1603	0.1415	0.4257
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.0970	0.2580	0.0261	-0.0016	0.4113
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0945	0.1132	0.0660	0.0004	0.3737
eeg-eye		0.5340	0.4660	0.5133	0.0248	0.9676
eeg10%		0.0541	0.1182	0.0064	-0.0000	0.3797
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4521	0.2192	0.3841	0.2661	0.4311
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.4731	0.5269	0.3212	0.0000	0.5305
exon.vs.intron-freq10%		0.8525	0.1475	0.8540	0.7021	0.5307
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.8744	0.1256	0.8738	0.7475	0.5022
fbis-wc		0.4756	0.0617	0.3834	0.4007	0.5019
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.8350	0.0550	0.6098	0.7364	0.2536
fishcatch		0.1250	0.2917	0.0370	0.0000	0.3848
flags		0.3000	0.2000	0.0714	0.0141	0.3202
fonts10%		0.0073	0.0130	0.0001	0.0000	0.3519
forest		0.2500	0.3750	0.1000	0.0000	0.3924
gas		0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal		0.1875	0.5417	0.1053	0.0000	0.4117
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.8391	0.1073	0.8490	0.7513	0.3381
german		0.7000	0.3000	0.6464	0.2736	0.8152
gestures		0.2414	0.3793	0.0972	-0.0103	0.4588
gina		0.7118	0.2882	0.7126	0.4242	0.8025
gisette		0.8557	0.1443	0.8593	0.7114	0.5180
glass		0.3333	0.2222	0.0833	0.0000	0.3216
glass-g2		0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP		0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP		0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.2381	0.7619	0.1923	0.0000	0.4310
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.8155	0.5682	0.4308
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.8690	0.1310	0.8707	0.7360	0.5042
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.4667	0.2667	0.4422	0.2500	0.3325
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.0128	0.1645	0.0021	0.0000	0.3571
har		0.7176	0.1129	0.7235	0.6377	0.4125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.1850	0.2329	0.0446	0.0000	0.2875
har7010%		0.1850	0.2329	0.0446	0.0000	0.2874
harth1%		0.0664	0.1556	0.0104	0.0000	0.3025
harth10%		0.0012	0.1665	0.0002	0.0000	0.3230
hayes-roth		0.5625	0.2917	0.6341	0.3043	0.4143
hcc-survival		0.5882	0.4118	0.3704	0.0000	0.5049
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.6667	0.3333	0.6496	0.2334	0.7293
heart-attack		0.7097	0.2903	0.7092	0.4175	0.8063
heart-c		0.8333	0.1667	0.8501	0.6575	0.3902
heart-failure		0.8620	0.1380	0.8352	0.6652	0.5419
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%		0.5037	0.4963	0.3350	-0.0010	0.5374
hepmass10%		0.5029	0.4971	0.3346	-0.0002	0.5301
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.2308	0.7692	0.1875	0.0000	0.4238
higgs0.1%		0.5055	0.4945	0.5643	0.0593	0.7099
higgs1%		0.7585	0.2415	0.7898	0.4998	0.4506
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.3571	0.1607	0.1629	0.2025	0.2563
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8651	0.1349	0.7336	0.4539	0.6292
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.4722	0.3519	0.4873	0.1886	0.6098
hotel-reservartions		0.8807	0.1193	0.8622	0.7224	0.4994
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3801	0.4133	0.3878	0.0117	0.4109
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.0916	0.9084	0.0839	0.0000	0.2206
hypothyroid		0.9125	0.0438	0.3381	0.0765	0.0995
hypothyroidT		0.4297	0.5703	0.5009	0.0007	0.3684
ilpd		0.7966	0.2034	0.7316	0.4235	0.6327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere		0.3143	0.6857	0.2391	0.0000	0.4897
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.2888	0.0547	0.2865	0.2604	0.5594
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.0984	0.2004	0.1168	0.0010	0.4069
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.6000	0.4000	0.3750	0.0000	0.5000
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7500	0.2500	0.4286	-0.0696	0.7839
kdc-4007		0.6933	0.0876	0.7213	0.6419	0.3577
kddcup98		0.0507	0.9493	0.0483	0.0000	0.1324
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2343	0.5105	0.1266	0.0000	0.3999
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.1497	0.0945	0.0596	0.0006	0.3514

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krvskp		0.9655	0.0345	0.9663	0.9311	0.1844
la1s-wc		0.2317	0.2561	0.0627	0.0000	0.3731
la2s-wc		0.6722	0.1093	0.6496	0.5871	0.4782
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.0882	0.0793	0.0093	0.0168	0.3385
led24		0.6000	0.0889	0.6291	0.5467	0.2253
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.0390	0.0739	0.0029	-0.0000	0.4201
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.1389	0.1148	0.0700	0.0606	0.3684
linkage		0.0036	0.9964	0.0036	-0.0000	0.0105
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0207
liver		0.6765	0.3235	0.7554	0.4138	0.5283
loan		0.9719	0.0281	0.9705	0.9393	0.1214
localization		0.0318	0.1760	0.0924	0.0001	0.3480
localization10%		0.0316	0.1761	0.0056	0.0000	0.3472
lrs		0.2453	0.2156	0.3601	0.1465	0.2580
lung		0.7619	0.0952	0.3186	0.4615	0.1600
lung_discrete		0.7500	0.1000	0.8320	0.6923	0.1458
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.1000	0.3600	0.0364	0.0000	0.2651
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.4444	0.5556	0.3077	0.0000	0.5302
lymphography		0.8571	0.0952	0.6000	0.7083	0.1903
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.5851	0.4149	0.3691	0.0000	0.5062
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.3514	0.6486	0.2600	0.0000	0.5083
malware		0.8919	0.1081	0.8720	0.7109	0.4822
mammography		0.4688	0.5312	0.3191	0.0000	0.5307
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.3366	0.4422	0.1679	0.0000	0.4114
math		0.4250	0.2875	0.3659	0.0945	0.3065
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.7500	0.1250	0.6818	0.6667	0.1022
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.5913	0.4087	0.6543	0.2371	0.7218
meter-A		0.6250	0.3750	0.3846	0.0000	0.4882
meter-B		0.3333	0.4444	0.1667	0.0000	0.4024
meter-C		0.1111	0.4444	0.0500	0.0000	0.4142
meter-D		0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.2050	0.1590	0.2081	0.1167	0.3549
mfeat-kar		0.1000	0.1800	0.0183	0.0000	0.4106
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.6300	0.0740	0.6426	0.5889	0.3669
mfeat-zer		0.1050	0.1790	0.1081	0.0056	0.3958
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.3585	0.4277	0.1772	-0.0007	0.4213
mines		0.1176	0.3529	0.0899	-0.1160	0.4574
mobile		0.2622	0.0263	0.2091	0.2489	0.2784
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4089	0.1075	0.4050	0.2770	0.6195
musk		0.1545	0.8455	0.1339	0.0000	0.3292
MUT_ci300400a_cdk_ECFP2		0.6990	0.3010	0.7075	0.4042	0.7901
MUT_ci300400a_cdk_ECFP4		0.7030	0.2970	0.7136	0.4140	0.7781
MUT_ci300400a_cdk_ECFP6		0.6874	0.3126	0.6980	0.3837	0.7988
MUT_ci300400a_cdk_ESTATE		0.6930	0.3070	0.6972	0.3878	0.8098
MUT_ci300400a_cdk_EXTENDED		0.6619	0.3381	0.6557	0.3109	0.8668
MUT_ci300400a_cdk_FCFP2		0.4491	0.5509	0.5657	0.0407	0.6288
MUT_ci300400a_cdk_FCFP4		0.5504	0.4496	0.5694	0.1297	0.9148
MUT_ci300400a_cdk_FCFP6		0.5671	0.4329	0.6257	0.1991	0.7785
MUT_ci300400a_cdk_MACCS		0.6978	0.3022	0.6977	0.3921	0.8143
MUT_ci300400a_cdk_PUBCHEM		0.8347	0.1653	0.8288	0.6558	0.5933
MUT_ci300400a_cdk_STANDARD		0.7677	0.2323	0.7600	0.5197	0.7276
MUT_ci300400a_rdkit_descriptors		0.8120	0.1880	0.8106	0.6197	0.6415
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.7756	0.2244	0.7910	0.5523	0.6135
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.0057	0.1047	0.0006	0.0000	0.1658
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.8571	0.0952	0.5714	0.6818	0.0755
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4685	0.5315	0.4981	-0.0004	0.6117
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.2855	0.7145	0.2221	0.0000	0.4710
NPHA-doctor-visits		0.1806	0.5463	0.1020	0.0000	0.4052
nursery		0.8789	0.0606	0.8343	0.8250	0.1927
obesity		0.1137	0.2532	0.0292	-0.0277	0.5179
obs		0.2778	0.3611	0.1087	0.0000	0.3604
occupancy		0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation		0.8124	0.0938	0.2241	0.0000	0.1814
oh0-wc		0.8218	0.0356	0.8052	0.7958	0.1837
oh10-wc		0.4952	0.1010	0.5013	0.4269	0.4315
oh15-wc		0.5652	0.0870	0.5626	0.5079	0.3861
oh5-wc		0.2198	0.1560	0.2144	0.1062	0.3484
ohscal-wc		0.4875	0.1025	0.4788	0.4285	0.5891
olive		0.0877	0.2027	0.0179	0.0000	0.3712
opn310k		0.0909	0.9091	0.0833	0.0000	0.2192
opn310k10%		0.9113	0.0887	0.5887	0.0174	0.2733
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.6423	0.0715	0.6483	0.6029	0.4063
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.0250	0.0488	0.0013	0.0000	0.4078
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.3600	0.6400	0.2647	0.0000	0.5117
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7216	0.2784	0.7224	0.4302	0.7555
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8095	0.1905	0.8128	0.6206	0.6306
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.0032	0.9968	0.0032	0.0000	0.0091
page-blocks		0.9068	0.0373	0.4145	0.2162	0.2241
parkinson		0.9583	0.0417	0.9592	0.9151	0.2119
parkinsons		0.8009	0.1991	0.7861	0.5486	0.6067
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle			0.7194	0.2806	0.4184	0.0000	0.4268
particle10%			0.7192	0.2808	0.4183	0.0000	0.4269
pasture			0.5000	0.3333	0.2222	0.0000	0.3770
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5670	0.4330	0.4823	-0.0143	0.7881
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.2763	0.7237	0.5000	0.0000	0.5440
pediatric-leukemia			0.2353	0.2185	0.0544	0.0000	0.3686
pendigits			0.0965	0.1807	0.0749	0.0010	0.4108
period			0.3333	0.6667	0.2500	0.0000	0.5000
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.3178	0.6822	0.2412	-0.1194	0.8140
personalities			0.0660	0.1168	0.0662	0.0037	0.4236
pet-adoption			0.9450	0.0550	0.9373	0.8742	0.2916
phishing			0.7592	0.2408	0.7965	0.5399	0.5645
PhiUSIIL			0.9954	0.0046	0.9953	0.9906	0.0386
PhiUSIIL10%			0.4283	0.5717	0.2999	0.0000	0.5287
phone-gyr0.1%			0.8320	0.0480	0.8226	0.8035	0.2088
phoneme			0.7537	0.2463	0.6553	0.2497	0.6903
phy			0.4978	0.5022	0.6000	0.0012	0.5286
pima			0.6053	0.3947	0.3770	0.0000	0.4977
pirvision			0.0751	0.6166	0.0466	0.0000	0.2413
placement			0.6430	0.3570	0.6338	0.1880	0.7146
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.5602	0.0977	0.1832	0.1522	0.2589
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.8023	0.1977	0.6048	0.1208	0.3746
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.8102	0.1898	0.4476	-0.0828	0.4901
polish-5th			0.7631	0.2369	0.5751	0.1098	0.5162
polya			0.6422	0.3578	0.3910	0.0000	0.4790
popularity			0.6315	0.2456	0.4135	0.0009	0.2920
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2015	0.3194	0.0671	0.0000	0.4017
pred-tox_mutagen_ref-desc			0.7059	0.2941	0.7092	0.4118	0.7961
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.3939	0.0932	0.2336	0.3045	0.2784
processed			0.9921	0.0079	0.9910	0.9819	0.0591
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.7000	0.3000	0.6784	0.3478	0.8165
prostate			0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.0749	0.3700	0.0279	-0.0000	0.3945
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.0926	0.9074	0.0847	0.0000	0.2225
raisin			0.5000	0.5000	0.3333	0.0000	0.5283
rcv11%			0.4648	0.0261	0.2267	0.4030	0.5561
re0-wc			0.6400	0.0554	0.4331	0.5116	0.4632
re1-wc			0.0422	0.0766	0.0831	0.0116	0.3896
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
reuters21578			0.6843	0.0132	0.1592	0.5434	0.3039
rice			0.4508	0.5492	0.3107	0.0000	0.5305
rnaseq			0.1750	0.3300	0.0659	0.0075	0.3758
rocket			0.6284	0.3716	0.6001	0.1923	0.8986
satimage			0.1089	0.2970	0.0328	-0.0002	0.4078
satimageF			0.1275	0.8725	0.5320	0.0046	0.2572
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.4472	0.5528	0.5924	0.0032	0.5303
seeds			0.6667	0.2222	0.5714	0.5000	0.1761
segment			0.1255	0.2498	0.0319	0.0000	0.4054
segmentation			0.5297	0.4703	0.3463	-0.2086	0.9851
segmentO			0.8528	0.1472	0.4603	0.0000	0.2903
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8263	0.1737	0.5783	0.1538	0.7613
sens-4-gram			0.8763	0.1237	0.6772	0.0998	0.2600
sens-5-gram			0.7816	0.2184	0.5340	0.0680	0.7720
sens-6-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8451	0.1549	0.4580	-0.0016	0.3388
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9204	0.0796	0.5249	0.0345	0.6161
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.7922	0.2078	0.4420	-0.0002	0.3667
skin10%			0.7888	0.2112	0.4410	-0.0065	0.4540
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2400	0.3800	0.0984	-0.0248	0.5059
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.3674	0.6326	0.5777	0.0002	0.5144
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7626	0.0791	0.6044	0.6941	0.1797
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.9559	0.0046	0.9686	0.9517	0.0352
spam-detection			0.9545	0.0455	0.8844	0.7599	0.4758
spambase			0.6043	0.3957	0.3767	0.0000	0.4981
spect			0.8000	0.2000	0.4444	0.0000	0.3522
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.0769	0.0684	0.0501	0.0563	0.3772
splice-EI			0.9464	0.0536	0.9282	0.8485	0.2109
splice-IE			0.8139	0.1861	0.8228	0.5918	0.5348
sport-articles			0.6300	0.3700	0.3865	0.0000	0.4856
squash-stored			0.2000	0.5333	0.1111	0.0000	0.4227
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.2075	0.5283	0.1146	0.0000	0.4065
steel-b			0.4923	0.5077	0.3393	-0.3066	0.8479
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.3487	0.6513	0.2586	0.0000	0.5071
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-s			0.0410	0.9590	0.0394	0.0000	0.1091
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.2159	0.5227	0.1184	0.0000	0.3753
stock			0.1597	0.8403	0.1377	-0.0424	0.4863
stockb			0.8987	0.0675	0.9103	0.8481	0.1287
streaming			0.9460	0.0540	0.9486	0.8920	0.2351
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4500	0.2200	0.1241	-0.0063	0.3283
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.3158	0.0189	0.6416
susy			0.4580	0.5420	0.5932	0.0000	0.5307
susy1%			0.4580	0.5420	0.3141	0.0000	0.5307
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.4000	0.4000	0.3251	0.1000	0.4860
telco-churn			0.2642	0.7358	0.2090	-0.0028	0.4726
texture			0.0836	0.1666	0.0140	0.0000	0.4080
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9648	0.0352	0.4910	-0.0114	0.5522
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.4105	0.5895	0.5020	0.0026	0.8133
tis			0.7913	0.2087	0.7017	0.2190	0.3699
tis10%			0.8060	0.1940	0.7071	0.3261	0.5480
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.6250	0.1500	0.3152	0.4146	0.1597
tox_171			0.4706	0.2647	0.3953	0.3077	0.2473
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.0244	0.2168	0.0053	-0.0289	0.4264
trec12-wc			0.4194	0.1452	0.2824	0.3137	0.2772
trec21-wc			0.8788	0.0485	0.8459	0.7747	0.2814
trec23-wc			0.8571	0.0476	0.6043	0.7968	0.1000
trec31-wc			0.7742	0.0753	0.7655	0.7106	0.3662
trec41-wc			0.7955	0.0409	0.5613	0.7503	0.2500
trec45-wc			0.3043	0.1391	0.2137	0.2319	0.2808
tuandromd			0.9544	0.0456	0.9294	0.8579	0.3439
turkish			0.4750	0.2625	0.4030	0.3000	0.3865
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.8308	0.1692	0.8245	0.6459	0.6112
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.0448	0.2123	0.0108	-0.0056	0.3690
urinalysis			0.9650	0.0350	0.8088	0.5311	0.1051
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9736	0.0264	0.5273	0.0515	0.4872
vehicle			0.1905	0.4048	0.2908	0.0312	0.4766
vehicleVAN			0.7143	0.2857	0.5673	0.1273	0.8573
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.5116	0.4884	0.6161	0.0444	0.5283
vowel			0.2121	0.1433	0.2370	0.1333	0.4578
vowelZ			0.1616	0.8384	0.4036	-0.0458	0.3574
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wap-wc			0.1603	0.0840	0.1279	0.0646	0.3291
warpar10p			0.2308	0.1538	0.1333	0.1447	0.2405
warppie10p			0.7143	0.0571	0.7430	0.6818	0.1417
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.8812	0.0340	0.8856	0.8613	0.1891
watch-gyr10%			0.9227	0.0221	0.9268	0.9098	0.1350
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.3580	0.4280	0.3933	0.0446	0.6621
weather-related			0.9635	0.0066	0.9592	0.9586	0.0433
web-phishing			0.5185	0.3210	0.2381	0.0152	0.3171
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1745	0.3302	0.0594	0.0000	0.4014
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.2500	0.3750	0.1000	0.0000	0.4042
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.7647	0.1569	0.6154	0.5143	0.1774
winequality-red			0.3962	0.2013	0.1406	-0.0395	0.3891
winequality-white			0.3006	0.2331	0.1889	0.0040	0.3136
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.0037	0.2847	0.0010	0.0000	0.3888
wisc_bc			0.7368	0.2632	0.7331	0.3357	0.4373
yale			0.0625	0.1250	0.0190	0.0000	0.3156
yeast			0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX			0.9388	0.0612	0.4842	-0.0280	0.6456
yeastEXC			0.9527	0.0473	0.8027	0.5141	0.5131
yeastME1			0.9797	0.0203	0.8759	0.7176	0.5112
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.1011	0.1798	0.1054	0.0012	0.4019

Table 29: Detailed results for CHAID*

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1663	0.0794	0.1057	0.0807	0.5367
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9831	0.0169	0.6687	0.1265	0.1538
accident		0.6000	0.4000	0.6094	0.2000	0.8750
ads		0.9512	0.0488	0.8934	0.7818	0.3261
adult		0.8626	0.1374	0.7966	0.5806	0.5631
advanced-iot		0.9993	0.0002	0.9993	0.9992	0.0020
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8000	0.2000	0.4444	-0.0357	0.6563
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8732	0.1268	0.8174	0.6194	0.5118
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.9197	0.0803	0.9182	0.8359	0.3709
alcohol		0.7429	0.1029	0.4227	0.3618	0.3426
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8837	0.1163	0.8724	0.7320	0.4218
anneal		0.8764	0.0494	0.8428	0.7134	0.2030
antivirus		0.9730	0.0270	0.9599	0.9165	0.2605
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9346	0.0327	0.8762	0.8741	0.1742
anuran-genus		0.9152	0.0212	0.8200	0.8585	0.2557
anuran-species		0.8944	0.0211	0.7966	0.8534	0.2001
anxiety		0.1083	0.1981	0.1138	-0.0038	0.8421
apple-quality		0.8250	0.1750	0.8253	0.6500	0.6132
aps-failure		0.9861	0.0139	0.7890	0.5756	0.4671
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9941	0.0059	0.7718	0.4098	0.0249
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6500	0.3500	0.6641	0.3137	0.8299

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.5778	0.0844	0.3687	0.3171	0.4228
auction		0.9853	0.0147	0.9664	0.9305	0.0577
audiology		0.6364	0.0661	0.4959	0.5665	0.1630
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.4500	0.2200	0.4044	0.2667	0.5563
avila		0.6948	0.0509	0.6373	0.5929	0.4789
babies		0.4597	0.1544	0.1564	0.1553	0.4420
balance		0.8387	0.1075	0.5775	0.6958	0.2688
bank		0.9080	0.0920	0.7543	0.5058	0.5982
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.7903	0.2097	0.7690	0.5363	0.6972
basehock		0.6884	0.3116	0.6885	0.3769	0.8355
bio		0.9949	0.0051	0.8397	0.6701	0.3265
bio10%		0.9959	0.0041	0.8698	0.7253	0.2186
biodeg		0.8571	0.1429	0.8479	0.6957	0.5561
biomed		0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin		0.9861	0.0013	0.0882	0.0776	0.0956
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6918	0.1541	0.6932	0.5891	0.4484
bookings		0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor		0.4955	0.5045	0.4955	-0.0090	1.0000
breast-cancer		0.8214	0.1786	0.7665	0.5070	0.6034
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue		0.5455	0.1515	0.3878	0.4444	0.2077
bridges		0.7000	0.1000	0.4750	0.5161	0.1440
bub10at310k-hg16-17		0.8949	0.1051	0.6428	0.2804	0.6732
bub12at310k-hg16-17		0.8971	0.1029	0.6401	0.2717	0.6669
bub8at310k-hg16-17		0.8854	0.1146	0.6516	0.3032	0.6829
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4280	0.3813	0.2914	-0.0612	0.6748
car		0.9023	0.0489	0.7660	0.7952	0.2305
car-insurance		0.8250	0.1750	0.7950	0.5899	0.6494
card		0.8261	0.1739	0.8216	0.6431	0.6189
cardiotocography		0.6854	0.0629	0.6289	0.6222	0.3514
cardiotocography-nsp		0.9108	0.0595	0.8061	0.7347	0.2534
cardiovascular		0.7281	0.2719	0.7287	0.4562	0.7795
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6807	0.5624	0.4926
cas_N6512_cdk_ECFP2		0.7005	0.2995	0.6983	0.3965	0.8217
cas_N6512_rdkit_ATOMPAIR		0.6600	0.3400	0.6579	0.3158	0.8700
cas_N6512_RDkit_AtomPair_FP		0.6549	0.3451	0.6519	0.3036	0.8758
cas_N6512_rdkit_AVALON		0.7481	0.2519	0.7492	0.4965	0.7481
cas_N6512_RDkit_Avalon_FP		0.7224	0.2776	0.7214	0.4427	0.7911
cas_N6512_rdkit_descriptors		0.7508	0.2492	0.7494	0.4988	0.7499
cas_N6512_rdkit_FEATMORGAN		0.7281	0.2719	0.7259	0.4517	0.7839
cas_N6512_RDkit_Featmorgan_FP		0.7531	0.2469	0.7515	0.5031	0.7465
cas_N6512_RDkit_FP		0.6549	0.3451	0.6529	0.3059	0.8755
cas_N6512_rdkit_LAYERED		0.7323	0.2677	0.7322	0.4637	0.7751
cas_N6512_RDkit_Layered_FP		0.7132	0.2868	0.7106	0.4207	0.8040
cas_N6512_rdkit_MACCS		0.7785	0.2215	0.7767	0.5532	0.7043

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7689	0.2311	0.7670	0.5339	0.7209
cas_N6512_rdkit_MORGAN		0.6846	0.3154	0.6815	0.3623	0.8407
cas_N6512_RDkit_morgan_FP		0.6196	0.3804	0.6194	0.2384	0.9085
cas_N6512_rdkit_PATTERN		0.7262	0.2738	0.7241	0.4480	0.7867
cas_N6512_RDkit_pattern_FP		0.6979	0.3021	0.6982	0.3954	0.8209
cas_N6512_rdkit_RDKITFP		0.6774	0.3226	0.6753	0.3506	0.8502
cas_N6512_rdkit_TORSION		0.6781	0.3219	0.6771	0.3540	0.8478
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7098	0.2902	0.6780	0.3556	0.8257
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9752	0.0248	0.8305	0.6136	0.1935
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.0639	0.9361	0.0600	0.0000	0.1624
census10%		0.9442	0.0558	0.6777	0.2957	0.4813
central-nervous-system		0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9406	0.0297	0.9342	0.9116	0.1387
chrom19		0.9997	0.0003	0.9242	0.8455	0.1771
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9995	0.0005	0.8783	0.7498	0.2522
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8450	0.1550	0.7288	0.4228	0.6025
churn-bigml		0.9625	0.0375	0.9225	0.8432	0.2794
ci900367j_MACCS		0.7158	0.2842	0.6871	0.3653	0.8006
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.5714	0.2857	0.3576	0.0597	0.4850
cjs		0.6143	0.1286	0.5877	0.5252	0.5125
ckd		0.7500	0.2500	0.7622	0.5000	0.6878
clave		0.6519	0.1741	0.4222	0.4361	0.5473
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.6667	0.2222	0.7500	0.4783	0.3555
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4818	0.2192	0.7440
cnae-9		0.8519	0.0329	0.8563	0.8333	0.1634
codon_usage		0.6946	0.0555	0.4915	0.6285	0.4906
coil20		0.7708	0.0229	0.7693	0.7587	0.1468
college		0.8961	0.1039	0.8690	0.7381	0.4948
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2		0.6207	0.3793	0.5643	0.1163	0.9016
colposcopies-3		0.6897	0.3103	0.6729	0.3185	0.7867
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.7241	0.2759	0.6954	0.3696	0.7444
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.8065	0.1290	0.7543	0.6895	0.2733
connect-4		0.9836	0.0110	0.6598	0.4321	0.0332
cottonmeloidogyne		0.6466	0.3534	0.6466	0.2930	0.8835
coupon		0.6207	0.3793	0.6057	0.2081	0.9097

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.5503	0.1285	0.2165	0.1952	0.3514
covtype		0.9118	0.0252	0.8704	0.8580	0.2119
covtype10%		0.8124	0.0536	0.7145	0.6936	0.3446
covtypeCD		0.9811	0.0189	0.9600	0.9200	0.2088
covtypeT		0.9826	0.0174	0.9307	0.8601	0.2354
crabs		0.7000	0.1500	0.7185	0.6000	0.2526
creditcard_trans		0.9989	0.0011	0.8204	0.6358	0.3792
creditcard_trans10%		0.9982	0.0018	0.6663	0.2850	0.4084
crowdsourced		0.8737	0.0421	0.7190	0.7356	0.4063
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.1250	0.0547	0.0978	0.0968	0.2855
customer-churn		0.9838	0.0162	0.7540	0.4701	0.3745
cybersecurity		0.1467	0.2844	0.1483	-0.0249	0.8852
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.6852	0.3148	0.6800	0.3598	0.8410
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0976	0.1805	0.0974	-0.0027	0.9278
dbworld		0.7143	0.2857	0.7407	0.3636	0.4644
default		0.8267	0.1733	0.7124	0.3759	0.6065
defect		0.9599	0.0401	0.9228	0.8372	0.1899
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9047	0.0953	0.7502	0.4961	0.5990
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8649	0.0450	0.8464	0.8309	0.1097
desharnais		0.6250	0.2500	0.4636	0.3333	0.4371
dexter		0.7333	0.2667	0.7339	0.4667	0.7723
df_final		0.8125	0.1250	0.8452	0.7108	0.2409
DIA		0.7500	0.2500	0.6153	0.2105	0.7950
diabetes		0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-100k		0.9688	0.0312	0.8920	0.7615	0.1354
diabetes-risk		0.9202	0.0798	0.8744	0.7466	0.4327
diabetic		0.5240	0.3173	0.3545	0.0542	0.6438
diabetic1%		0.5000	0.3333	0.3035	-0.0117	0.6586
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7154	0.1138	0.6932	0.5957	0.3966
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.6667	0.3333	0.6495	0.2941	0.8617
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5353	0.4647	0.5320	0.0638	0.9788
dota210%		0.5612	0.4388	0.5584	0.1165	0.9606
drebin		0.9378	0.0622	0.9336	0.8668	0.3130
dropout		0.7246	0.1836	0.6358	0.5349	0.5194
drug-01		0.3936	0.1733	0.0813	-0.0054	0.3303
drug-02		0.5106	0.1398	0.2015	0.1109	0.5744
drug-03		0.6862	0.1046	0.2308	0.1133	0.3649
drug-04		0.4947	0.1444	0.1662	0.0414	0.5559
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3830	0.1763	0.1994	0.2106	0.5700
drug-07		0.3777	0.2074	0.1276	-0.0666	0.4024
drug-08		0.5638	0.1246	0.1517	0.0792	0.2920
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.1565	0.1391	0.4032

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6117	0.1109	0.1665	0.2169	0.3458
drug-14		0.5745	0.1216	0.2456	0.2493	0.5484
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5904	0.1365	0.2529	0.2935	0.4020
drug-17		0.3617	0.1824	0.1324	0.1070	0.4375
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9074	0.0265	0.9180	0.8880	0.1512
ecoli		0.8529	0.0490	0.7021	0.7932	0.1633
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3000	0.3500	0.2998	0.0652	0.8307
eeg		0.2773	0.0903	0.2440	0.1962	0.8015
eeg-eye		0.8278	0.1722	0.8257	0.6514	0.6113
eeg10%		0.2504	0.0937	0.1944	0.1674	0.7468
email_phishing		0.9882	0.0118	0.6974	0.2332	0.1837
eucalyptus		0.5753	0.1699	0.5414	0.4437	0.4262
euthyroid		0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq		0.9318	0.0682	0.9316	0.8632	0.3318
exon.vs.intron-freq10%		0.8961	0.1039	0.8958	0.7915	0.4432
fakenews		0.5075	0.4925	0.5070	0.0140	0.9946
farm-ads		0.8744	0.1256	0.8738	0.7475	0.5022
fbis-wc		0.3252	0.0794	0.2338	0.2206	0.6333
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.7525	0.0825	0.4768	0.5981	0.3545
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.4000	0.1714	0.2162	0.2332	0.3872
fonts10%		0.3341	0.0087	0.0903	0.2823	0.9085
forest		0.7308	0.1346	0.7294	0.6290	0.3723
gas		0.9029	0.0324	0.8960	0.8822	0.1886
gastrointestinal		0.4375	0.3750	0.3398	0.0886	0.5424
gender		0.6042	0.2639	0.4652	0.1788	0.5979
gene		0.5173	0.3218	0.4462	0.1356	0.7097
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.7586	0.1207	0.7594	0.6781	0.4098
gina		0.8415	0.1585	0.8414	0.6828	0.5794
gisette		0.8943	0.1057	0.8943	0.7886	0.4483
glass		0.6667	0.1111	0.5412	0.5435	0.2537
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8571	0.1429	0.8740	0.7175	0.4205
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.6316	0.3684	0.6292	0.2570	0.8973
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage		0.4000	0.3000	0.5061	0.1615	0.4858
gsalc		0.7778	0.0741	0.7212	0.7273	0.0996
haberman		0.6667	0.3333	0.5739	0.1477	0.8809

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hapt		0.8417	0.0264	0.5159	0.8127	0.2597
har		0.8384	0.0646	0.8289	0.7956	0.2953
har70		0.9115	0.0253	0.6057	0.8677	0.1550
har701%		0.8991	0.0288	0.5282	0.8501	0.1322
har7010%		0.9059	0.0269	0.5666	0.8594	0.1410
harth		0.8649	0.0225	0.5679	0.8150	0.2272
harth1%		0.8288	0.0285	0.4714	0.7653	0.2551
harth10%		0.8492	0.0251	0.5382	0.7932	0.2272
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.4706	0.5294	0.4074	-0.1679	1.0000
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack		0.7742	0.2258	0.7941	0.5580	0.6147
heart-c		0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure		0.9860	0.0140	0.9838	0.9676	0.1143
heart-quantum		0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%		0.8283	0.1717	0.8285	0.6566	0.6069
hepmass10%		0.8408	0.1592	0.8411	0.6817	0.5794
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%		0.6355	0.3645	0.6344	0.2689	0.8952
higgs1%		0.6791	0.3209	0.6771	0.3540	0.8477
higgs10%		0.6979	0.3021	0.6965	0.3929	0.8244
higher		0.0714	0.2321	0.0278	-0.1030	0.4788
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8482	0.1518	0.6696	0.2589	0.5643
hiva		0.9622	0.0378	0.4904	-0.0045	0.3546
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.8837	0.1163	0.8658	0.7300	0.4924
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.9896	0.0069	0.9898	0.9844	0.0438
ht-sensor10%		0.9791	0.0139	0.9795	0.9685	0.0767
htru2		0.9760	0.0240	0.9266	0.8529	0.2870
hypothyroid		0.9867	0.0066	0.7218	0.9220	0.1050
hypothyroidT		0.9947	0.0053	0.9811	0.9614	0.0242
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9740	0.0130	0.9747	0.9653	0.0518
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.3877	0.0471	0.3857	0.3632	0.4788
jm1		0.8081	0.1919	0.5915	0.0428	0.4631
jvowels		0.7520	0.0551	0.7493	0.7188	0.3315
kc1		0.8626	0.1374	0.6995	0.1888	0.2810
kc1-class-level-defectiveornot		0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8269	0.1731	0.7038	0.3777	0.6558
kdc-4007		0.6509	0.0998	0.6830	0.5918	0.4072
kddcup98		0.0507	0.9493	0.0483	0.0000	0.1324
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9966	0.0005	0.7897	0.9942	0.0306
kddcup9910%		0.9987	0.0001	0.7423	0.9979	0.0223

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kepler		0.8441	0.1039	0.7984	0.7465	0.3155
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9750	0.0250	0.9743	0.9474	0.1598
krkopt		0.5298	0.0522	0.5508	0.4727	0.4434
krvskp		0.9404	0.0596	0.9409	0.8809	0.2973
la1s-wc		0.5587	0.1471	0.5489	0.4482	0.5646
la2s-wc		0.5960	0.1347	0.5564	0.4801	0.5231
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.3235	0.0588	0.2107	0.2923	0.1785
led24		0.2500	0.1667	0.1705	0.1304	0.3998
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7250	0.0212	0.7277	0.7139	0.2861
leukemia		0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2		0.5714	0.4286	0.5833	0.1600	0.9174
libra		0.4167	0.0778	0.3827	0.3731	0.2383
linkage		1.0000	0.0000	0.9994	0.9988	0.0029
linkage1%		0.9995	0.0005	0.9634	0.9266	0.1329
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0207
liver		0.5882	0.4118	0.5296	0.0593	0.9390
loan		0.9719	0.0281	0.9700	0.9399	0.1699
localization		0.6897	0.0564	0.4429	0.6039	0.4923
localization10%		0.6007	0.0726	0.3224	0.4859	0.5055
lrs		0.7925	0.0593	0.5938	0.7102	0.1796
lung		0.6667	0.1333	0.4434	0.2933	0.4417
lung_discrete		0.2500	0.3000	0.1500	0.0769	0.3921
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2		0.4444	0.1852	0.1212	0.1176	0.2705
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.7577	0.2423	0.7579	0.5154	0.7368
magic04		0.8517	0.1483	0.8341	0.6642	0.5600
malware		0.9459	0.0541	0.9261	0.8412	0.3750
mammography		0.8750	0.1250	0.8745	0.7490	0.5009
marketing		0.8661	0.1339	0.6635	0.2092	0.4813
maternal		0.6733	0.2178	0.6914	0.4956	0.4798
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.5833	0.2083	0.6130	0.4444	0.2965
mental-health		0.2200	0.3120	0.2213	0.0243	0.8494
messidor		0.6087	0.3913	0.6287	0.2406	0.8617
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		0.8889	0.0741	0.9167	0.8302	0.1560
meter-C		0.8333	0.0833	0.7832	0.7692	0.1989
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.7350	0.0530	0.7379	0.7056	0.2786
mfeat-fou		0.6500	0.0700	0.6610	0.6111	0.3132
mfeat-kar		0.5250	0.0950	0.5325	0.4722	0.4986
mfeat-mor		0.7100	0.0580	0.7340	0.6778	0.1918
mfeat-pix		0.5150	0.0970	0.5053	0.4611	0.4319
mfeat-zer		0.6050	0.0790	0.6030	0.5611	0.3581
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5657	0.4492	0.4054

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mobile		0.3322	0.0239	0.2929	0.3201	0.2512
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.7049	0.2951	0.6552	0.2020	0.6231
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4444	0.1010	0.4519	0.3263	0.5618
musk		0.9409	0.0591	0.8796	0.7418	0.2793
MUT_ci300400a_cdk_ECFP2		0.7542	0.2458	0.7468	0.4935	0.7494
MUT_ci300400a_cdk_ECFP4		0.7329	0.2671	0.7264	0.4527	0.7802
MUT_ci300400a_cdk_ECFP6		0.6898	0.3102	0.6799	0.3596	0.8392
MUT_ci300400a_cdk_ESTATE		0.7230	0.2770	0.7117	0.4212	0.7933
MUT_ci300400a_cdk_EXTENDED		0.7398	0.2602	0.7326	0.4652	0.7710
MUT_ci300400a_cdk_FCFP2		0.7892	0.2108	0.7838	0.5675	0.6903
MUT_ci300400a_cdk_FCFP4		0.7266	0.2734	0.7232	0.4451	0.7839
MUT_ci300400a_cdk_FCFP6		0.7314	0.2686	0.7232	0.4464	0.7837
MUT_ci300400a_cdk_MACCS		0.7998	0.2002	0.7927	0.5847	0.6690
MUT_ci300400a_cdk_PUBCHEM		0.7617	0.2383	0.7526	0.5039	0.7353
MUT_ci300400a_cdk_STANDARD		0.7545	0.2455	0.7445	0.4864	0.7443
MUT_ci300400a_rdkit_descriptors		0.8033	0.1967	0.7981	0.5960	0.6626
myocardial		0.8765	0.0309	0.2959	0.4366	0.1943
naticusdroid		0.9581	0.0419	0.9581	0.9161	0.2329
NCI60		0.3333	0.2222	0.2857	0.2000	0.2809
nci9		0.1667	0.2778	0.0833	0.0000	0.3074
ncRNA		0.9340	0.0069	0.6693	0.8192	0.4800
ncRNA1%		0.8926	0.0113	0.3748	0.6896	0.3261
ncRNA10%		0.9140	0.0091	0.5285	0.7574	0.4274
neo		0.9145	0.0855	0.6905	0.2490	0.3727
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6113	0.3887	0.6084	0.2163	0.9192
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9298	0.0702	0.9133	0.8264	0.3722
NPHA-doctor-visits		0.4722	0.3519	0.2778	-0.0588	0.5706
nursery		0.9537	0.0231	0.9311	0.9323	0.1283
obesity		0.7630	0.0677	0.7596	0.7231	0.2689
obs		0.9815	0.0093	0.9872	0.9727	0.0458
occupancy		0.9927	0.0073	0.9898	0.9795	0.0836
Occupancy_Estimation		0.9743	0.0128	0.9163	0.9221	0.1340
oh0-wc		0.4554	0.1089	0.5060	0.3620	0.4144
oh10-wc		0.3810	0.1238	0.3625	0.2974	0.5249
oh15-wc		0.3913	0.1217	0.2848	0.2833	0.4572
oh5-wc		0.3516	0.1297	0.3539	0.2548	0.4666
ohscal-wc		0.3280	0.1344	0.3275	0.2448	0.7148
olive		0.8947	0.0234	0.8702	0.8678	0.0691
opn310k		0.8924	0.1076	0.6506	0.2994	0.6770
opn310k10%		0.9085	0.0915	0.7085	0.4167	0.6391
opnat310k-hg16-17		0.8897	0.1103	0.6439	0.2863	0.6820
optdigits		0.7349	0.0530	0.7345	0.7053	0.3217
optdigitsZ		0.9822	0.0178	0.9462	0.8922	0.2717
orl		0.3250	0.0338	0.2498	0.3077	0.1623
orlraws10P		0.6000	0.0800	0.5032	0.5556	0.1106
ovarian-cancer		0.9200	0.0800	0.9158	0.8175	0.2404
ozone1hr		0.9526	0.0474	0.4879	-0.0181	0.6053
ozone8hr		0.9051	0.0949	0.6586	0.3171	0.6607
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7526	0.2474	0.7141	0.4235	0.7642
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7778	0.2222	0.7775	0.5547	0.7043
p53-mutants		0.9952	0.0048	0.6446	0.2089	0.3604

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9726	0.0110	0.7892	0.8430	0.3183
parkinson			0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons			0.8863	0.1137	0.8781	0.7536	0.4652
parkinsons-small			1.0000	0.0000	1.0000	1.0000	0.0000
particle			0.8674	0.1326	0.8354	0.6708	0.5683
particle10%			0.8569	0.1431	0.8226	0.6451	0.5938
pasture			0.5000	0.3333	0.2222	0.0000	0.3770
pc1			0.9279	0.0721	0.6277	0.1763	0.4947
pcmac			0.5979	0.4021	0.5634	0.1112	0.8997
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8289	0.1711	0.7610	0.5185	0.6657
pediatric-leukemia			0.3824	0.1765	0.2549	0.2380	0.4822
pendigits			0.9172	0.0166	0.9168	0.9079	0.1157
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.6618	0.3382	0.6275	0.2517	0.8781
personalities			0.4197	0.0725	0.4196	0.3810	0.6499
pet-adoption			0.9350	0.0650	0.9259	0.8489	0.3030
phishing			0.9143	0.0857	0.9096	0.8185	0.3894
PhiUSIIL			0.9917	0.0083	0.9916	0.9831	0.0644
PhiUSIIL10%			0.9864	0.0136	0.9861	0.9723	0.0992
phone-acc0.1%			0.7787	0.0632	0.7634	0.7411	0.2378
phone-acc1%			0.8594	0.0402	0.8488	0.8356	0.1586
phone-acc10%			0.9131	0.0248	0.9066	0.8985	0.1049
phone-gyr0.1%			0.8320	0.0480	0.8226	0.8035	0.2088
phone-gyr1%			0.8923	0.0308	0.8837	0.8741	0.1454
phone-gyr10%			0.9269	0.0209	0.9205	0.9146	0.0989
phoneme			0.8574	0.1426	0.8194	0.6367	0.5813
phy			0.6856	0.3144	0.6856	0.3711	0.8390
pima			0.6842	0.3158	0.6580	0.3070	0.8385
pirvision			0.9693	0.0205	0.9309	0.9028	0.1494
placement			0.7650	0.2350	0.7579	0.5156	0.7316
plant-growth			0.6316	0.3684	0.6292	0.2570	0.8973
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.5596	0.0979	0.2590	0.1537	0.2631
poker10%			0.4994	0.1251	0.2485	0.0243	0.2822
polish-1st			0.9687	0.0313	0.7318	0.3425	0.2419
polish-2nd			0.9577	0.0423	0.5995	0.1423	0.4982
polish-3rd			0.9495	0.0505	0.5797	0.0885	0.4606
polish-4th			0.9602	0.0398	0.7602	0.4754	0.3891
polish-5th			0.9492	0.0508	0.7822	0.5569	0.5000
polya			0.6886	0.3114	0.6535	0.3058	0.8516
popularity			0.6315	0.2456	0.3949	0.1510	0.6459
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.9602	0.0159	0.9602	0.9502	0.0932
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6185	0.2353	0.9081
prestige			0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor			0.3030	0.1072	0.2318	0.2302	0.3410
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.4000	0.6000	0.3750	-0.2500	1.0000
prostate			0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE			0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio			0.9316	0.0274	0.8933	0.9081	0.1651
puc-rio10%			0.9125	0.0350	0.8618	0.8824	0.1967
pufs-1281%			0.5105	0.4895	0.5105	0.0210	0.9940
pufs-12810%			0.4982	0.5018	0.4982	-0.0036	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-641%			0.4854	0.5146	0.4854	-0.0292	1.0000
pufs-6410%			0.5036	0.4964	0.5036	0.0072	0.9980
pulsar			0.9840	0.0160	0.9510	0.9004	0.1552
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%			0.4648	0.0261	0.2267	0.4030	0.5561
re0-wc			0.5667	0.0667	0.2388	0.4188	0.4739
re1-wc			0.4819	0.0414	0.1930	0.3822	0.3314
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9874	0.0126	0.9873	0.9744	0.0880
rnaseq			0.7625	0.0950	0.7373	0.6843	0.3171
rocket			0.6386	0.3614	0.6082	0.1971	0.8646
RT_IOT2022			0.9969	0.0005	0.9620	0.9922	0.0141
satimage			0.8414	0.0529	0.8162	0.8033	0.2363
satimageF			0.9876	0.0124	0.9674	0.9342	0.1291
satimageT			0.9191	0.0809	0.7511	0.4927	0.5639
scadi			0.5714	0.1714	0.4103	0.4167	0.2353
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5588	0.4412	0.5648	0.1176	0.9174
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9038	0.0962	0.4747	-0.0446	0.6930
secondary_mushroom			0.9946	0.0054	0.9945	0.9891	0.0468
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9264	0.0210	0.9329	0.9139	0.0939
segmentation			0.8218	0.1782	0.8084	0.6163	0.6402
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8553	0.1447	0.5439	0.0534	0.6462
sens-3-gram			0.8632	0.1368	0.5795	0.0936	0.5903
sens-4-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram			0.7816	0.2184	0.5340	0.0680	0.7720
sens-6-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.8315	0.0306	0.8318	0.8146	0.2409
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8905	0.1095	0.7775	0.5521	0.5936
shuttle			0.9984	0.0004	0.6496	0.9956	0.0152
sick			0.9814	0.0186	0.9205	0.8276	0.0656
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9993	0.0007	0.9989	0.9978	0.0123
skin10%			0.9955	0.0045	0.9932	0.9863	0.0433
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2000	0.4000	0.1715	-0.0799	0.7959
smk_can_187			0.6316	0.3684	0.6292	0.2570	0.8973
smoking			0.7556	0.2444	0.7379	0.4757	0.7556
soil_pollution			0.2367	0.3053	0.2367	0.0459	0.8436
solar-flare			0.7266	0.0911	0.5625	0.6469	0.2037
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.9412	0.0062	0.9698	0.9355	0.0366
spam-detection			0.9555	0.0445	0.8854	0.7631	0.4714
spambase			0.8978	0.1022	0.8929	0.7857	0.4465
spect			0.8000	0.2000	0.4444	0.0000	0.3522
spectf			0.8000	0.2000	0.7481	0.4948	0.7085
spectrometer			0.2885	0.0527	0.1716	0.2383	0.2517
splice-EI			0.7445	0.2555	0.5768	0.1040	0.7330
splice-IE			0.7571	0.2429	0.5537	0.0531	0.6721
sport-articles			0.8000	0.2000	0.7912	0.5804	0.6732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-stored			0.4000	0.4000	0.2222	0.0000	0.3434
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8987	0.0675	0.8723	0.8357	0.2370
steel-b			0.8769	0.1231	0.8058	0.6084	0.5741
steel-d			0.9744	0.0256	0.7677	0.5324	0.5024
steel-k			0.9692	0.0308	0.9522	0.9039	0.2161
steel-o			0.7744	0.2256	0.7534	0.5066	0.7296
steel-p			0.9385	0.0615	0.7637	0.5074	0.4915
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9744	0.0256	0.9334	0.8638	0.3518
stellar			0.9680	0.0213	0.9632	0.9431	0.1202
stock			0.9931	0.0069	0.9882	0.9762	0.0333
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9860	0.0140	0.9859	0.9717	0.1016
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.6200	0.1520	0.2740	0.3526	0.3346
student-depression			0.7814	0.2186	0.7726	0.5434	0.7009
student-habits			0.3600	0.2560	0.2082	-0.0074	0.5178
student-weekend			0.3385	0.2646	0.2869	0.0733	0.7053
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.2308	0.5128	0.1762	-0.2500	0.6178
susy			0.7842	0.2158	0.7828	0.5605	0.6804
susy1%			0.7714	0.2286	0.7697	0.5342	0.7028
susy10%			0.7773	0.2227	0.7758	0.5462	0.6919
swarm_aligned			0.9913	0.0087	0.9898	0.9796	0.0773
swarm_flocking			0.9958	0.0042	0.9958	0.9917	0.0348
swarm_grouped			0.9946	0.0054	0.9942	0.9884	0.0464
tae			0.4000	0.4000	0.4211	0.1000	0.7114
telco-churn			0.8551	0.1449	0.8073	0.6114	0.5934
texture			0.8418	0.0288	0.8481	0.8256	0.1813
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9648	0.0352	0.4910	-0.0114	0.5522
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.8842	0.1158	0.8681	0.7305	0.4648
tis			0.8654	0.1346	0.8071	0.5924	0.5138
tis10%			0.8358	0.1642	0.7637	0.5185	0.6401
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1500	0.2894	0.4146	0.1775
tox_171			0.3529	0.3235	0.3462	0.1500	0.5778
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.5547	0.1085	0.8742
trec11-wc			0.5366	0.1030	0.2793	0.4289	0.3074
trec12-wc			0.3871	0.1532	0.3114	0.2701	0.4424
trec21-wc			0.7273	0.1091	0.4440	0.2385	0.3087
trec23-wc			0.5714	0.1429	0.2931	0.3844	0.3590
trec31-wc			0.6774	0.1075	0.6893	0.5678	0.3765
trec41-wc			0.5341	0.0932	0.3730	0.4181	0.4671
trec45-wc			0.5362	0.0928	0.4434	0.4564	0.3172
tuandromd			0.9727	0.0273	0.9559	0.9117	0.2166
turkish			0.7000	0.1500	0.7026	0.6000	0.3601
tvnews			0.8870	0.1130	0.8770	0.7527	0.4744
tvnews1%			0.8077	0.1923	0.7945	0.5889	0.6657
tvnews10%			0.8389	0.1611	0.8256	0.6509	0.6010
ur3_cobotops_grip			0.9728	0.0272	0.7346	0.4321	0.4246

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ur3_cobotops_stop			0.9701	0.0299	0.7735	0.5446	0.5073
urban			0.6716	0.0730	0.5927	0.6167	0.2964
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.6786	0.1607	0.6404	0.5628	0.4652
vehicleVAN			0.9643	0.0357	0.9523	0.9000	0.1262
voice			0.7500	0.2500	0.7989	0.5263	0.5112
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.2222	0.1414	0.2557	0.1444	0.4525
vowelZ			0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17			0.8807	0.1193	0.6292	0.2583	0.6931
wap-wc			0.3205	0.0679	0.1949	0.2382	0.5290
warpar10p			0.4615	0.1077	0.4327	0.4013	0.2027
warppie10p			0.7619	0.0476	0.7059	0.7348	0.0695
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.8574	0.0407	0.8523	0.8331	0.1599
watch-acc10%			0.9329	0.0192	0.9311	0.9215	0.0949
watch-gyr			0.9524	0.0136	0.9513	0.9444	0.0758
watch-gyr1%			0.8649	0.0386	0.8619	0.8423	0.1519
watch-gyr10%			0.9231	0.0220	0.9210	0.9102	0.1021
water_pollution			0.3000	0.3500	0.2987	0.0654	0.8315
waveform			0.7320	0.1787	0.7313	0.5978	0.5087
weather-related			0.9731	0.0049	0.9729	0.9695	0.0333
web-phishing			0.8148	0.1235	0.6838	0.6637	0.4872
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.8489	0.0604	0.8437	0.8089	0.2832
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9500	0.0250	0.9501	0.9333	0.0967
wilt			0.9731	0.0269	0.8547	0.7093	0.4327
wine			0.8824	0.0784	0.8897	0.8079	0.2873
winequality-red			0.5723	0.1426	0.2693	0.3036	0.4712
winequality-white			0.5337	0.1554	0.2783	0.2745	0.5383
winnipeg			0.9379	0.0177	0.8796	0.9214	0.1461
winnipeg10%			0.9319	0.0195	0.8884	0.9138	0.1245
wisc_bc			0.9649	0.0351	0.9643	0.9261	0.2027
yale			0.3750	0.0833	0.2875	0.3333	0.1759
yeast			0.5270	0.1051	0.4219	0.3770	0.3825
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9662	0.0338	0.7787	0.5293	0.4009
zip			0.7065	0.0587	0.6825	0.6709	0.3464

Table 30: Detailed results for CIRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1663	0.0794	0.1385	0.0755	0.5409
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.9573	0.0427	0.9070	0.8013	0.2025
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8967	0.1033	0.8533	0.6921	0.4258
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8190	0.0724	0.4705	0.5786	0.2143
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9535	0.0465	0.9491	0.8964	0.2299
anneal		0.9663	0.0135	0.7748	0.9296	0.1075
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9736	0.0132	0.9343	0.9493	0.0568
anuran-genus		0.9694	0.0076	0.9199	0.9492	0.0826
anuran-species		0.9778	0.0044	0.9456	0.9690	0.0345
anxiety		0.0583	0.2093	0.0571	-0.0618	0.8394
apple-quality		0.8550	0.1450	0.8564	0.7100	0.5373
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arcene		0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia		0.6667	0.0513	0.2914	0.3807	0.2429

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9951	0.0049	0.9889	0.9776	0.0238
audiology		0.5000	0.0909	0.3030	0.3495	0.2358
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6000	0.1333	0.3773	0.4521	0.2427
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.4355	0.1613	0.1442	0.1117	0.4750
balance		0.9194	0.0538	0.6345	0.8480	0.1272
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8963	0.1037	0.8883	0.7648	0.3784
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8571	0.1429	0.8470	0.6927	0.5498
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.6620	0.5686	0.1945
bridges		0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9425	0.0287	0.9195	0.8822	0.2314
car-insurance		0.8390	0.1610	0.8133	0.6266	0.6204
card		0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography		0.8498	0.0300	0.8332	0.8187	0.1657
cardiotocography-nsp		0.9296	0.0469	0.8682	0.8001	0.2733
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8250	0.1167	0.7261	0.6759	0.3084
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.8246	0.1754	0.8241	0.6480	0.6164
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7979	0.2021	0.7794	0.5587	0.6885
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9277	0.0723	0.6909	0.1332	0.1784
churn		0.8410	0.1590	0.7194	0.3973	0.6018
churn-bigml		0.9625	0.0375	0.9218	0.8359	0.1979
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.9900	0.0002	0.9906	0.9899	0.0049
cirrhosis		0.7619	0.1587	0.7431	0.5150	0.3545
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7981	0.1009	0.6755	0.6764	0.3211
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5986	0.2676	0.5819	0.3740	0.6396
cnae-9		0.9074	0.0206	0.9208	0.8958	0.0877
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.9861	0.0014	0.9866	0.9854	0.0097
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		0.9800	0.0027	0.9221	0.9780	0.0058
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7586	0.2414	0.7208	0.3940	0.6569
colposcopies-2		0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3		0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.8276	0.1724	0.7539	0.5051	0.6759
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.7419	0.1720	0.6451	0.5804	0.3096
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7668	0.2332	0.7675	0.5339	0.7199
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.2812	0.0359	0.1915	0.2625	0.1081
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1733	0.2756	0.1759	0.0020	0.8384
cyclopentane		0.8519	0.1481	0.8500	0.7000	0.5592
cylinder-bands		0.7963	0.2037	0.7901	0.5763	0.6650
darwin		0.7778	0.2222	0.7778	0.5556	0.7044
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8300	0.1700	0.7219	0.4138	0.6353
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.9730	0.0090	0.9729	0.9662	0.0254
desharnais		0.8750	0.0833	0.6377	0.7333	0.1179
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.7289	0.5062	0.3050
DIA		0.8500	0.1500	0.7938	0.5000	0.3145
diabetes		0.9231	0.0769	0.9186	0.8344	0.3408
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3787	0.6213	0.2747	0.0000	0.5182
dropout		0.7675	0.1550	0.6825	0.6081	0.4353
drug-01		0.3830	0.1763	0.1055	-0.0129	0.3811
drug-02		0.5053	0.1413	0.2397	0.1046	0.5622
drug-03		0.7128	0.0821	0.2106	0.1529	0.2710
drug-04		0.5319	0.1337	0.2118	0.1097	0.5619
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.2474	0.2800	0.4353
drug-07		0.4415	0.1596	0.1388	0.0711	0.4351
drug-08		0.5957	0.1155	0.2492	0.2105	0.3551
drug-09		0.8723	0.0365	0.1960	0.0699	0.1044
drug-10		0.5691	0.1231	0.1910	0.1831	0.4454
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1692	0.2077	0.3207
drug-14		0.6277	0.1064	0.2889	0.3467	0.4258

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5851	0.1185	0.2711	0.2545	0.3246
drug-17		0.3723	0.1793	0.1347	0.1185	0.4573
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9214	0.0225	0.9351	0.9049	0.1277
ecoli		0.8824	0.0294	0.5623	0.8343	0.0566
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.2709	0.0259	0.8461
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.9045	0.0955	0.9038	0.8058	0.4077
eeg10%		0.4230	0.0721	0.3447	0.3562	0.5308
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6986	0.1205	0.6662	0.6089	0.2953
euthyroid		0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5150	0.4850	0.5415	0.0209	0.6538
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6863	0.3137	0.6835	0.3462	0.7947
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9231	0.0385	0.9069	0.8937	0.0884
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.6875	0.2083	0.5146	0.4631	0.3332
gender		0.6084	0.2611	0.4908	0.1577	0.5283
gene		0.9432	0.0379	0.9375	0.9093	0.1674
german		0.7100	0.2900	0.6572	0.2714	0.7528
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9424	0.0576	0.9424	0.8847	0.2947
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8095	0.0635	0.7643	0.7342	0.1559
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.4667	0.2667	0.4342	0.2547	0.4452
gsalc		0.7778	0.0741	0.8602	0.7353	0.1171
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.9230	0.0220	0.5422	0.8855	0.1007
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.9800	0.0200	0.9767	0.9531	0.1216
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.9333	0.0667	0.8929	0.7619	0.1858
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1721	0.1083	0.3105
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8735	0.1265	0.7440	0.4562	0.5627
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.7500	0.1667	0.7157	0.5500	0.3991
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9804	0.0196	0.9398	0.8789	0.2292
hypothyroid		0.9920	0.0040	0.7384	0.9532	0.0786
hypothyroidT		0.9973	0.0027	0.9906	0.9810	0.0136
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9714	0.0286	0.9671	0.9320	0.1146
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8246	0.1754	0.6562	0.2252	0.5829
jvowels		0.9608	0.0087	0.9583	0.9556	0.0627
kc1		0.8720	0.1280	0.7136	0.2987	0.3950
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6929	0.3824	0.7363
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.8828	0.0781	0.8407	0.8065	0.2126
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.6888	0.0346	0.7250	0.6510	0.3266
krvskp		0.9906	0.0094	0.9907	0.9812	0.0652
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6765	0.0281	0.6284	0.6591	0.0970
led24		0.6500	0.0700	0.6390	0.6056	0.1571
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9210	0.0061	0.9226	0.9178	0.0882
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8333	0.0222	0.8465	0.8204	0.0759
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9883	0.0117	0.9875	0.9750	0.0789
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.6693	0.0601	0.3857	0.5708	0.3674
lrs		0.8113	0.0377	0.4329	0.7363	0.1383
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.8231	0.1769	0.8231	0.6462	0.6188
magic04		0.8685	0.1315	0.8533	0.7029	0.5171
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.8795	0.1205	0.7110	0.3488	0.5028
maternal		0.7030	0.1980	0.7038	0.5467	0.5357
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8306	0.1129	0.4037	0.1780	0.3724
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.2067	0.3173	0.2073	0.0072	0.8722
messidor		0.6957	0.3043	0.6897	0.3793	0.8299
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.9650	0.0070	0.9656	0.9611	0.0439
mfeat-fou		0.7900	0.0420	0.7913	0.7667	0.1837
mfeat-kar		0.9600	0.0080	0.9612	0.9556	0.0505
mfeat-mor		0.7050	0.0590	0.7073	0.6722	0.1944
mfeat-pix		0.9750	0.0050	0.9756	0.9722	0.0313
mfeat-zer		0.7700	0.0460	0.7672	0.7444	0.1505
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5294	0.1882	0.4906	0.4093	0.4456
mobile		0.8986	0.0036	0.9086	0.8968	0.0457
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9016	0.0984	0.8905	0.7718	0.3804
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0115

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9500	0.0500	0.8993	0.7855	0.2375
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7758	0.2242	0.7674	0.5334	0.7111
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.9038	0.0101	0.4392	0.7158	0.2212
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5417	0.3056	0.4151	0.0361	0.3592
nursery		0.3333	0.2667	0.1000	0.0000	0.2972
obesity		0.9479	0.0149	0.9470	0.9391	0.0732
obs		0.9907	0.0046	0.9934	0.9862	0.0189
occupancy		0.9922	0.0078	0.9892	0.9783	0.0936
Occupancy_Estimation		0.9911	0.0044	0.9682	0.9729	0.0175
oh0-wc		0.9010	0.0198	0.9113	0.8860	0.0830
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.8571	0.0286	0.8748	0.8376	0.1303
olive		0.9123	0.0195	0.9007	0.8904	0.0580
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9520	0.0096	0.9541	0.9466	0.0679
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8454	0.1546	0.8247	0.6478	0.5885
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9744	0.0102	0.8518	0.8478	0.1568
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.9242	0.0758	0.9191	0.8365	0.3496
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.9192	0.0808	0.8992	0.7982	0.4120
pasture		0.7500	0.1667	0.6061	0.5556	0.1741

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pc1			0.9279	0.0721	0.6277	0.1763	0.4947
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8816	0.1184	0.8343	0.6400	0.4189
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.9873	0.0025	0.9872	0.9858	0.0223
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.8134	0.1866	0.7978	0.5924	0.6435
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9450	0.0550	0.9376	0.8722	0.2569
phishing			0.9592	0.0408	0.9572	0.9144	0.2360
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.8806	0.0341	0.8725	0.8603	0.1322
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.9081	0.0263	0.9010	0.8926	0.1193
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9037	0.0963	0.8824	0.7647	0.4693
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6974	0.3026	0.6716	0.3235	0.8000
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.7920	0.2080	0.7852	0.5697	0.6834
plant-growth			0.7368	0.2632	0.7389	0.4751	0.7624
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5307	0.1341	0.2582	0.1091	0.3141
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9561	0.0439	0.7229	0.3426	0.3182
polish-5th			0.9560	0.0440	0.8010	0.5468	0.2822
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.7500	0.2500	0.7501	0.5000	0.7494
prestige			0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor			0.4848	0.0793	0.3653	0.4138	0.2611
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7313	0.2687	0.6710	0.2726	0.6759
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.2620	0.2952	0.0830	0.0000	0.3607
puc-rio10%			0.9837	0.0065	0.9692	0.9781	0.0436
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9333	0.0667	0.9338	0.8667	0.3208
re0-wc			0.4200	0.0892	0.0846	0.0687	0.2783
re1-wc			0.4337	0.0453	0.3404	0.3057	0.2210
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
rice		0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq		0.1750	0.3300	0.0596	0.0000	0.3826
rocket		0.6676	0.3324	0.6546	0.3092	0.8661
RT_IOT2022		0.0336	0.1611	0.0054	0.0000	0.1744
satimage		0.8942	0.0353	0.8771	0.8690	0.1582
satimageF		0.9922	0.0078	0.9801	0.9602	0.1342
satimageT		0.9440	0.0560	0.8273	0.6316	0.3692
scadi		0.7143	0.1143	0.6984	0.6316	0.1667
schiller		0.8889	0.1111	0.8333	0.6087	0.2605
schizo		0.6176	0.3824	0.6573	0.2353	0.7052
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom		0.5548	0.4452	0.3568	0.0000	0.5166
seeds		0.9048	0.0635	0.9077	0.8571	0.1773
segment		0.9697	0.0087	0.9737	0.9646	0.0393
segmentation		0.8564	0.1436	0.8440	0.6880	0.5661
segmentO		1.0000	0.0000	1.0000	1.0000	0.0000
seismic		0.9341	0.0659	0.4830	0.0000	0.1661
semeion		0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram		0.8658	0.1342	0.4640	-0.0052	0.3810
sens-2-gram		0.8737	0.1263	0.6687	0.0675	0.2632
sens-3-gram		0.8763	0.1237	0.6772	0.0998	0.2600
sens-4-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram		0.1316	0.8684	0.1163	0.0000	0.2931
sens-7-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sensorless		0.0908	0.1653	0.0151	0.0000	0.4085
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8994	0.1006	0.7908	0.5739	0.5495
shuttle		0.7859	0.0612	0.1257	0.0000	0.1287
sick		0.9735	0.0265	0.8834	0.7369	0.0862
sirtuin6		1.0000	0.0000	1.0000	1.0000	0.0000
skin		0.7923	0.2077	0.4421	0.0000	0.3603
skin10%		0.9971	0.0029	0.9957	0.9913	0.0432
smarket		0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming		0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187		0.4737	0.5263	0.3214	0.0000	0.5305
smoking		0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution		0.2133	0.3147	0.2082	0.0144	0.8583
solar-flare		0.7554	0.0815	0.5943	0.6835	0.1895
sonar		0.6000	0.4000	0.6269	0.2000	0.7816
soybean		0.9265	0.0077	0.8722	0.9187	0.0291
spam-detection		0.9080	0.0920	0.4759	0.0000	0.2109
spambase		0.9370	0.0630	0.9340	0.8665	0.3000
spect		0.7778	0.2222	0.6403	0.2703	0.7789
spectf		0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer		0.5962	0.0299	0.4533	0.5716	0.1372
splice-EI		0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE		0.9527	0.0473	0.9364	0.8720	0.3238
sport-articles		0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored		0.4000	0.4000	0.3030	0.0000	0.5733
squash-unstored		1.0000	0.0000	0.6667	1.0000	0.0000
startup		1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry		0.5160	0.3227	0.2269	0.0000	0.3699
steel-b		0.8667	0.1333	0.7894	0.5757	0.6038
steel-d		0.9795	0.0205	0.7967	0.4922	0.0689
steel-k		0.9846	0.0154	0.9763	0.9524	0.1266
steel-o		0.8154	0.1846	0.7908	0.5731	0.6322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-p			0.9385	0.0615	0.7637	0.5074	0.4915
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9897	0.0103	0.9703	0.9388	0.0422
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8819	0.1181	0.7976	0.5950	0.5984
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.6400	0.1440	0.3490	0.4006	0.4004
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4000	0.2400	0.1827	0.0443	0.4654
student-weekend			0.4308	0.2277	0.3288	0.1797	0.5757
student-workday			0.6875	0.1250	0.1630	-0.0191	0.3344
studentap			0.4615	0.3590	0.3636	0.1415	0.6139
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6082	0.4000	0.5332
telco-churn			0.8935	0.1065	0.8593	0.7158	0.4836
texture			0.9745	0.0046	0.9761	0.9719	0.0352
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8657	0.1343	0.8070	0.5971	0.5309
titanic			0.8091	0.1909	0.7714	0.5247	0.6309
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.5547	0.1085	0.8742
trec11-wc			0.4878	0.1138	0.3346	0.2825	0.2651
trec12-wc			0.6774	0.0806	0.5760	0.5872	0.1539
trec21-wc			0.7879	0.0848	0.3517	0.4031	0.1727
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.7391	0.0522	0.6072	0.6848	0.1534
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.7500	0.1250	0.7444	0.6667	0.2863
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9154	0.0846	0.9088	0.8176	0.3974
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9755	0.0245	0.7655	0.3921	0.0790
ur3_cobotops_stop			0.9701	0.0299	0.7320	0.3430	0.2388
urban			0.8358	0.0365	0.7991	0.8070	0.1540
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7262	0.1369	0.6983	0.6303	0.3168
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.9302	0.0698	0.9307	0.8605	0.3321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vowel			0.6566	0.0624	0.6832	0.6222	0.2017
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0192	0.0981	0.0019	0.0000	0.3766
warpar10p			0.6923	0.0615	0.6829	0.6533	0.1094
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.9442	0.0160	0.9422	0.9348	0.0718
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2400	0.3800	0.2400	-0.0139	0.8720
waveform			0.8440	0.1040	0.8466	0.7661	0.3453
weather-related			0.9538	0.0084	0.9527	0.9476	0.0487
web-phishing			0.8593	0.0938	0.7954	0.7478	0.4004
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.2500	0.1667	-0.2857	0.3909
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9855	0.0145	0.9195	0.8369	0.2405
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6164	0.1279	0.2960	0.3687	0.3508
winequality-white			0.6155	0.1098	0.3069	0.3960	0.3878
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.6875	0.0417	0.6588	0.6653	0.0797
yeast			0.5811	0.0838	0.4033	0.4578	0.3416
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 31: Detailed results for CIT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1735	0.0787	0.0686	0.0758	0.3869
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9512	0.0488	0.8928	0.7682	0.2173
adult		0.8335	0.1665	0.7456	0.4614	0.6066
advanced-iot		0.6607	0.1131	0.6001	0.5928	0.1358
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8967	0.1033	0.8575	0.6734	0.2537
air_pollution		0.4067	0.1695	0.0828	0.0017	0.3421
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8672	0.1328	0.8648	0.7297	0.5236
alcohol		0.7238	0.1105	0.2884	0.2232	0.1959
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8744	0.1256	0.8604	0.7159	0.4930
anneal		0.8764	0.0494	0.5624	0.7078	0.1773
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family		0.8776	0.0612	0.6059	0.7678	0.2425
anuran-genus		0.7830	0.0542	0.3652	0.5962	0.2123
anuran-species		0.7903	0.0419	0.4620	0.7019	0.1708
anxiety		0.0917	0.2019	0.0199	-0.0274	0.4858
apple-quality		0.7100	0.2900	0.7118	0.4200	0.7984
aps-failure		0.9866	0.0134	0.7817	0.5500	0.4141
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arcene		0.6000	0.4000	0.5833	0.1667	0.9308
arrhythmia		0.6000	0.0615	0.2135	0.1456	0.2058

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9412	0.0588	0.8559	0.6955	0.3452
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.8846	0.1154	0.8821	0.7495	0.3949
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.5500	0.1500	0.3766	0.3750	0.2487
avila		0.5060	0.0823	0.1841	0.2225	0.2620
babies		0.4677	0.1521	0.1891	0.1707	0.4457
balance		0.7903	0.1398	0.5449	0.6061	0.3332
bank		0.9094	0.0906	0.7725	0.5449	0.6001
banknote		0.9489	0.0511	0.9512	0.8977	0.2281
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8410	0.1590	0.8248	0.6382	0.5551
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9952	0.0048	0.8433	0.6579	0.2010
bio10%		0.9945	0.0055	0.8334	0.6639	0.3909
biodeg		0.7524	0.2476	0.7332	0.4647	0.7572
biomed		0.8571	0.1429	0.8568	0.6736	0.3386
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5239	0.2381	0.4659	0.3652	0.4763
bookings		0.9903	0.0065	0.8070	0.9793	0.0154
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.5455	0.1515	0.5137	0.4660	0.2152
bridges		0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7471	0.1264	0.3997	0.5223	0.2526
car-insurance		0.8410	0.1590	0.8141	0.6280	0.6153
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.7089	0.0582	0.4132	0.6405	0.2050
cardiotocography-nsp		0.8310	0.1127	0.5641	0.4088	0.3278
cardiovascular		0.6253	0.3747	0.6265	0.2506	0.8987
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5826	0.4766	0.5057
cas_N6512_cdk_ECFP2		0.6098	0.3902	0.6351	0.2420	0.8334
cas_N6512_rdkit_ATOMPAIR		0.6415	0.3585	0.6486	0.2905	0.8673
cas_N6512_RDkit_AtomPair_FP		0.7009	0.2991	0.7067	0.4066	0.8000
cas_N6512_rdkit_AVALON		0.6851	0.3149	0.6911	0.3755	0.8197
cas_N6512_RDkit_Avalon_FP		0.6794	0.3206	0.6890	0.3669	0.8142
cas_N6512_rdkit_descriptors		0.6185	0.3815	0.6326	0.2513	0.8667
cas_N6512_rdkit_FEATMORGAN		0.6083	0.3917	0.6042	0.2081	0.9223
cas_N6512_RDkit_Featmorgan_FP		0.6411	0.3589	0.6804	0.3068	0.7375
cas_N6512_RDkit_FP		0.6350	0.3650	0.6339	0.2677	0.8950
cas_N6512_rdkit_LAYERED		0.6954	0.3046	0.7006	0.3952	0.8093
cas_N6512_RDkit_Layered_FP		0.6886	0.3114	0.6897	0.3779	0.8308
cas_N6512_rdkit_MACCS		0.7158	0.2842	0.7151	0.4299	0.7995
cas_N6512_RDkit_MACCS_FP		0.7209	0.2791	0.7202	0.4400	0.7927

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.6508	0.3492	0.6691	0.3164	0.8154
cas_N6512_RDkit_morgan_FP		0.6319	0.3681	0.6495	0.2796	0.8396
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.6948	0.3052	0.6928	0.3855	0.8289
cas_N6512_rdkit_RDKITFP		0.6605	0.3395	0.6599	0.3196	0.8674
cas_N6512_rdkit_TORSION		0.6385	0.3615	0.6643	0.2966	0.7995
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6943	0.3057	0.6709	0.3412	0.8362
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.9406	0.0297	0.9342	0.9116	0.1387
chrom19		0.9996	0.0004	0.8758	0.7278	0.1117
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9993	0.0007	0.7977	0.5382	0.1845
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.8976	0.1024	0.6050	0.2069	0.6825
churn		0.8220	0.1780	0.6742	0.2341	0.5209
churn-bigml		0.9213	0.0787	0.8407	0.6813	0.5119
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0550	0.0189	0.0368	0.0455	0.3755
cirrhosis		0.7619	0.1587	0.5186	0.4928	0.2599
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.6157	0.1921	0.3426	0.3611	0.4042
climate		0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5102	0.3265	0.5070	0.2510	0.7042
cnae-9		0.3148	0.1523	0.2643	0.2292	0.3042
codon_usage		0.5457	0.0826	0.2885	0.4338	0.3068
coil20		0.2292	0.0771	0.2116	0.1898	0.3185
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.3200	0.0907	0.2366	0.2049	0.2894
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6897	0.3103	0.6221	0.1767	0.7276
colposcopies-2		0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3		0.6552	0.3448	0.6675	0.3224	0.8322
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c		0.6897	0.3103	0.6349	0.2606	0.8063
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
connect-4		0.9822	0.0118	0.6151	0.3608	0.0355
cottonmeloidogyne		0.6731	0.3269	0.6730	0.3461	0.8543
coupon		0.6183	0.3817	0.6020	0.1572	0.8043
covid19		0.5302	0.1342	0.2026	0.1400	0.3336
covtype		0.6739	0.0932	0.3670	0.4672	0.3529
covtype10%		0.6601	0.0971	0.4213	0.4447	0.3649
covtypeCD		0.9235	0.0765	0.8253	0.6441	0.4794

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9390	0.0610	0.7043	0.3537	0.4730
crabs		0.7000	0.1500	0.7185	0.6000	0.2526
creditcard_trans		0.9993	0.0007	0.8978	0.7956	0.3382
creditcard_trans10%		0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced		0.7834	0.0722	0.4865	0.5678	0.2754
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.0312	0.0484	0.0250	0.0294	0.3518
customer-churn		0.9804	0.0196	0.6678	0.2508	0.3741
cybersecurity		0.1767	0.2744	0.0818	0.0000	0.4958
cyclopentane		0.7037	0.2963	0.7072	0.4098	0.8027
cylinder-bands		0.7593	0.2407	0.7539	0.4876	0.6885
darwin		0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve		0.6154	0.3846	0.3810	-0.1404	0.4667
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8260	0.1740	0.7121	0.3834	0.6254
defect		0.9290	0.0710	0.8715	0.7426	0.4759
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8983	0.1017	0.7145	0.4110	0.5993
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.6757	0.1081	0.6202	0.5723	0.1428
desharnais		0.5000	0.3333	0.2667	0.1111	0.4578
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7333	0.2667	0.5565	0.0857	0.7932
diabetes		0.8654	0.1346	0.8592	0.7016	0.4529
diabetes-100k		0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk		0.9163	0.0837	0.8671	0.7304	0.4361
diabetic1%		0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.9167	0.0833	0.9226	0.8333	0.3145
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6591	0.1364	0.5731	0.5077	0.3053
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5317	0.4683	0.5236	0.0140	0.6948
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.8749	0.1251	0.8722	0.7407	0.5054
dropout		0.7291	0.1806	0.6593	0.5566	0.4987
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6755	0.0927	0.1633	0.0933	0.3070
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3989	0.1717	0.1584	0.2181	0.3829
drug-07		0.4628	0.1535	0.1435	0.0980	0.3529
drug-08		0.5798	0.1201	0.1645	0.1321	0.3009
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6223	0.1079	0.1745	0.2459	0.3223
drug-14		0.5798	0.1201	0.1678	0.0885	0.3400

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.6117	0.1109	0.2952	0.3804	0.4264
drug-17		0.3457	0.1869	0.1271	0.0633	0.4418
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.6833	0.0905	0.5939	0.6110	0.2017
ecoli		0.8529	0.0368	0.4370	0.7899	0.1068
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.2397	0.0950	0.1371	0.1383	0.4670
eeg-eye		0.6415	0.3585	0.6334	0.2517	0.8605
eeg10%		0.2504	0.0937	0.1481	0.1486	0.4233
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5342	0.1863	0.4179	0.3790	0.3557
euthyroid		0.9367	0.0633	0.8484	0.6873	0.5322
exon.vs.intron-freq		0.8868	0.1132	0.8865	0.7726	0.4672
exon.vs.intron-freq10%		0.8884	0.1116	0.8882	0.7763	0.4653
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.5145	0.0085	0.7021
financial-risk		0.7055	0.0982	0.5421	0.4942	0.2570
fishcatch		0.6875	0.1042	0.4017	0.5855	0.1296
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.7115	0.1442	0.7344	0.6037	0.3500
gas		0.5205	0.1598	0.5000	0.4120	0.3712
gastrointestinal		0.6250	0.2500	0.4710	0.3684	0.3556
gender		0.5979	0.2681	0.3559	0.0618	0.4360
gene		0.6940	0.2040	0.5272	0.5027	0.3390
german		0.6900	0.3100	0.6322	0.2439	0.8259
gestures		0.4426	0.2787	0.3827	0.2583	0.3582
gina		0.8069	0.1931	0.8087	0.6144	0.6416
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.5714	0.1429	0.4802	0.3658	0.2098
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7143	0.2857	0.6863	0.3636	0.8021
glassBWNFP		0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.6842	0.3158	0.6910	0.3736	0.8166
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.6000	0.2000	0.4000	0.4444	0.1161
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.4667	0.2667	0.3762	0.2547	0.4951
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.6667	0.3333	0.5739	0.1477	0.8809
hapt		0.5737	0.0711	0.3067	0.4925	0.1827
har		0.3792	0.2483	0.4146	0.1551	0.4599
har70		0.7691	0.0660	0.3924	0.6245	0.1377
har701%		0.7686	0.0661	0.3907	0.6226	0.1305
har7010%		0.7693	0.0659	0.3928	0.6249	0.1378

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth		0.7320	0.0447	0.3121	0.6309	0.1870
harth1%		0.7383	0.0436	0.3166	0.6396	0.1828
harth10%		0.7321	0.0446	0.3127	0.6312	0.1877
hayes-roth		0.3750	0.4167	0.2612	-0.0323	0.4928
hcc-survival		0.5294	0.4706	0.5589	0.1053	0.9033
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8065	0.1935	0.8096	0.6141	0.6376
heart-c		0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure		0.8640	0.1360	0.8387	0.6753	0.5501
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.7980	0.2020	0.8027	0.5965	0.6394
hepmass10%		0.8037	0.1963	0.8078	0.6077	0.6318
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%		0.6182	0.3818	0.6150	0.2291	0.9117
higgs1%		0.6320	0.3680	0.6320	0.2636	0.8971
higgs10%		0.6353	0.3647	0.6361	0.2713	0.8922
higher		0.2143	0.1964	0.0500	0.0128	0.3344
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8432	0.1568	0.6620	0.2773	0.6406
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5556	0.2963	0.5074	0.1967	0.6540
hotel-reservartions		0.7966	0.2034	0.7776	0.5528	0.6899
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.6117	0.2589	0.6193	0.4149	0.5998
ht-sensor10%		0.5672	0.2886	0.5692	0.3411	0.6436
htru2		0.9777	0.0223	0.9301	0.8580	0.2226
hypothyroid		0.9735	0.0133	0.6590	0.8502	0.2517
hypothyroidT		0.9920	0.0080	0.9716	0.9431	0.1266
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
instagram		0.7207	0.1397	0.6541	0.6276	0.1469
ionosphere		0.9429	0.0571	0.9346	0.8606	0.1858
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.1861	0.0626	0.1588	0.1535	0.3450
jm1		0.8090	0.1910	0.6498	0.0227	0.3430
jvowels		0.4197	0.1290	0.3437	0.3339	0.3701
kc1		0.8626	0.1374	0.6995	0.1888	0.2810
kc1-class-level-defectiveornot		0.6667	0.3333	0.7466	0.3902	0.5193
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8000	0.2000	0.4444	-0.0976	0.5661
kc2		0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.7854	0.0330	0.1320	0.6318	0.0646
kepler		0.7793	0.1471	0.7162	0.6396	0.2760
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2813	0.0799	0.1211	0.1751	0.4546
krvskp		0.9122	0.0878	0.9126	0.8235	0.3848
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.1765	0.0716	0.1500	0.1470	0.3369
led24		0.5500	0.0900	0.3972	0.4915	0.2023
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.1560	0.0649	0.1331	0.1234	0.3814
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.1667	0.1111	0.1202	0.1155	0.3391
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7353	0.2647	0.7051	0.4093	0.7890
loan		0.9836	0.0164	0.9828	0.9653	0.1230
localization		0.4366	0.1024	0.1594	0.2375	0.3869
localization10%		0.4357	0.1026	0.1560	0.2359	0.3821
lrs		0.5472	0.0906	0.2143	0.3960	0.2128
lung		0.9048	0.0381	0.7213	0.8272	0.1401
lung_discrete		0.5000	0.1429	0.2286	0.3333	0.2048
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.5714	0.2143	0.1818	0.0000	0.2456
lymphoma2		0.5556	0.0988	0.1778	0.4098	0.0972
machine-failure		0.9149	0.0851	0.9152	0.8273	0.3841
madelon		0.6923	0.3077	0.6942	0.3846	0.8212
magic04		0.8059	0.1941	0.7812	0.5570	0.6604
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8222	0.6430	0.6156
marketing		0.8705	0.1295	0.6806	0.2760	0.5223
maternal		0.5842	0.2772	0.6527	0.3543	0.4440
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.5833	0.2083	0.5595	0.4444	0.2769
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.6174	0.3826	0.6326	0.2526	0.8672
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.5556	0.2222	0.4976	0.4000	0.2506
meter-D		0.8333	0.0833	0.8622	0.7682	0.1815
mfeat-fac		0.3400	0.1320	0.3428	0.2667	0.3186
mfeat-fou		0.3600	0.1280	0.3217	0.2889	0.3125
mfeat-kar		0.3300	0.1340	0.3773	0.2556	0.3229
mfeat-mor		0.4900	0.1020	0.4151	0.4333	0.1855
mfeat-pix		0.5250	0.0950	0.4146	0.4722	0.2625
mfeat-zer		0.3150	0.1370	0.3345	0.2389	0.3625
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.6792	0.2138	0.6945	0.5235	0.3289
mines		0.5294	0.1882	0.3917	0.4074	0.3544
mobile		0.0629	0.0335	0.0619	0.0462	0.4030
monks-1		0.7455	0.2545	0.7876	0.4954	0.4694
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9791	0.0209	0.9794	0.9582	0.1247
music		0.3828	0.1122	0.2828	0.2041	0.3977

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
musk		0.8955	0.1045	0.7721	0.5071	0.4844
MUT_ci300400a_cdk_ECFP2		0.6667	0.3333	0.6919	0.3566	0.7780
MUT_ci300400a_cdk_ECFP4		0.6383	0.3617	0.6584	0.2981	0.8293
MUT_ci300400a_cdk_ECFP6		0.6323	0.3677	0.6498	0.2839	0.8437
MUT_ci300400a_cdk_ESTATE		0.6847	0.3153	0.6845	0.3658	0.8304
MUT_ci300400a_cdk_EXTENDED		0.7062	0.2938	0.7148	0.4185	0.7801
MUT_ci300400a_cdk_FCFP2		0.6383	0.3617	0.6755	0.3124	0.7728
MUT_ci300400a_cdk_FCFP4		0.6067	0.3933	0.6418	0.2523	0.8173
MUT_ci300400a_cdk_FCFP6		0.6427	0.3573	0.6191	0.2119	0.8420
MUT_ci300400a_cdk_MACCS		0.7050	0.2950	0.6970	0.3940	0.8191
MUT_ci300400a_cdk_PUBCHEM		0.7042	0.2958	0.7186	0.4198	0.7638
MUT_ci300400a_cdk_STANDARD		0.6958	0.3042	0.7016	0.3951	0.8017
MUT_ci300400a_rdkit_descriptors		0.6980	0.3020	0.7051	0.4013	0.7970
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9308	0.0692	0.9321	0.8615	0.3158
NCI60		0.5000	0.1667	0.4286	0.4000	0.2097
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.8477	0.0160	0.1632	0.5287	0.1645
ncRNA1%		0.8310	0.0178	0.1315	0.5540	0.1937
ncRNA10%		0.8490	0.0159	0.1588	0.5326	0.1647
neo		0.9117	0.0883	0.6789	0.1875	0.3266
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT		0.9048	0.0952	0.8662	0.6957	0.5000
newspop		0.6153	0.3847	0.6128	0.2089	0.8763
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9115	0.0885	0.8893	0.7766	0.4183
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.8210	0.0716	0.5003	0.7344	0.1759
obesity		0.5355	0.1327	0.4961	0.4602	0.2463
obs		0.8241	0.0880	0.8785	0.7423	0.2084
occupancy		0.9917	0.0083	0.9886	0.9770	0.1018
Occupancy_Estimation		0.9427	0.0286	0.8385	0.8228	0.0390
oh0-wc		0.4653	0.1069	0.2914	0.3587	0.2665
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.2967	0.1407	0.2779	0.1814	0.3389
olive		0.7193	0.0624	0.5576	0.6516	0.1413
opn310k		0.9106	0.0894	0.6229	0.1316	0.4470
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9096	0.0904	0.6058	0.0686	0.3725
optdigits		0.4342	0.1132	0.3836	0.3748	0.3363
optdigitsZ		0.9875	0.0125	0.9608	0.9210	0.1529
orl		0.1000	0.0450	0.0774	0.0769	0.3766
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.7925	0.5747	0.6205
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8016	0.1984	0.8017	0.6028	0.6601
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9269	0.0293	0.4705	0.4178	0.1488
parkinson		0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons		0.8104	0.1896	0.8021	0.6031	0.6549
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8442	0.1558	0.7982	0.5899	0.6015
particle10%		0.8462	0.1538	0.8040	0.6059	0.6112
pasture		0.5000	0.3333	0.5333	0.3333	0.1875
pc1		0.9189	0.0811	0.6396	0.2671	0.6352

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.7632	0.2368	0.6954	0.3898	0.7720
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.3922	0.1216	0.3115	0.3217	0.2916
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.7755	0.2245	0.7547	0.5025	0.7078
personalities			0.2238	0.0970	0.1654	0.1721	0.5322
pet-adoption			0.8850	0.1150	0.8717	0.7429	0.5035
phishing			0.9184	0.0816	0.9158	0.8306	0.3870
PhiUSIIL10%			0.4283	0.5717	0.2999	0.0000	0.5287
phone-acc0.1%			0.4234	0.1647	0.4178	0.3127	0.3603
phone-acc1%			0.3892	0.1745	0.3225	0.2722	0.3812
phone-acc10%			0.4314	0.1625	0.4115	0.3226	0.3644
phone-gyr0.1%			0.5485	0.1290	0.4945	0.4636	0.2644
phone-gyr1%			0.5470	0.1294	0.4633	0.4617	0.2769
phone-gyr10%			0.5446	0.1301	0.4627	0.4589	0.2790
phoneme			0.7889	0.2111	0.7618	0.5165	0.7020
phy			0.6834	0.3166	0.6834	0.3667	0.8419
pima			0.6974	0.3026	0.6722	0.3318	0.8143
pirvision			0.9791	0.0139	0.9626	0.9323	0.0917
placement			0.7660	0.2340	0.7648	0.5272	0.7209
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.5123	0.1084	0.1159	0.0337	0.2258
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.5080	0.1230	0.1274	0.0297	0.2584
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9357	0.0643	0.6719	0.1613	0.2810
polya			0.7114	0.2886	0.6972	0.3919	0.8062
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.5823	0.1671	0.5280	0.4783	0.3777
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6983	0.3824	0.7951
prestige			0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor			0.2727	0.1119	0.2018	0.2040	0.3027
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.7000	0.3000	0.7674	0.4444	0.5112
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.7203	0.1119	0.5558	0.6101	0.2704
puc-rio10%			0.7145	0.1142	0.5653	0.6015	0.2595
pufs-1281%			0.4948	0.5052	0.4948	-0.0103	1.0000
pufs-12810%			0.5013	0.4987	0.5013	0.0025	0.9993
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5008	0.4992	0.5008	0.0017	0.9995
pulsar			0.9816	0.0184	0.9433	0.8831	0.1457
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.4200	0.0892	0.0846	0.0687	0.2783
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9852	0.0148	0.9850	0.9700	0.1024
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.8832	0.0195	0.3071	0.6749	0.0617
satimage			0.6610	0.1130	0.5276	0.5673	0.2857
satimageF			0.9891	0.0109	0.9718	0.9435	0.1479
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.5714	0.1714	0.4881	0.4474	0.2432
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5588	0.4412	0.5598	0.1176	0.9547
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.7036	0.2964	0.7090	0.4115	0.7971
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.5325	0.1336	0.4736	0.4558	0.1897
segmentation			0.7871	0.2129	0.7796	0.5540	0.6890
segmentO			0.9827	0.0173	0.9650	0.9275	0.0667
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9748	0.0252	0.9276	0.8528	0.2322
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.3530	0.1176	0.3112	0.2883	0.2746
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8775	0.1225	0.7790	0.5560	0.6318
shuttle			0.8431	0.0448	0.3673	0.3870	0.0863
sick			0.9629	0.0371	0.8353	0.6625	0.4011
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9496	0.0504	0.9233	0.8466	0.3383
skin10%			0.9653	0.0347	0.9487	0.8968	0.2803
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.7166	0.2834	0.7222	0.4304	0.7611
soil_pollution			0.2167	0.3133	0.1808	0.0131	0.5436
solar-flare			0.7266	0.0911	0.5276	0.6462	0.1831
sonar			0.6500	0.3500	0.6741	0.3000	0.7546
soybean			0.2353	0.0805	0.1854	0.1278	0.3100
spam-detection			0.9560	0.0440	0.8671	0.7340	0.4392
spambase			0.8478	0.1522	0.8423	0.6842	0.5755
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7714	0.2286	0.7380	0.4717	0.7358
spectrometer			0.3077	0.0513	0.1341	0.2509	0.2782
splice-EI			0.8486	0.1514	0.8534	0.6653	0.4882
splice-IE			0.7950	0.2050	0.8138	0.5630	0.5218
sport-articles			0.8200	0.1800	0.8069	0.6139	0.6416
squash-stored			0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7594	0.1604	0.7159	0.6157	0.3709
steel-b			0.8256	0.1744	0.7670	0.5259	0.6735
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9744	0.0256	0.9601	0.9191	0.1618
steel-o			0.7333	0.2667	0.6917	0.3200	0.6687
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9005	0.8006	0.3957

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stellar			0.9468	0.0355	0.9376	0.9039	0.1458
stock			0.8819	0.1181	0.7760	0.5045	0.4639
stockb			0.9912	0.0059	0.9912	0.9868	0.0318
streaming			0.9700	0.0300	0.9702	0.9390	0.1523
stress			0.7619	0.0952	0.7219	0.7021	0.1194
student-lifestyle			0.6200	0.1520	0.3455	0.3761	0.4261
student-depression			0.8115	0.1885	0.8040	0.6031	0.6331
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.4154	0.2338	0.2173	0.1077	0.4164
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1961	0.0189	0.4727
susy			0.7546	0.2454	0.7559	0.4952	0.7000
susy1%			0.7490	0.2510	0.7472	0.4945	0.7530
susy10%			0.7534	0.2466	0.7557	0.4920	0.6938
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6497	0.4000	0.4012
telco-churn			0.8480	0.1520	0.7958	0.5857	0.6034
texture			0.3673	0.1150	0.3363	0.3024	0.2590
theorem			0.7725	0.2275	0.8141	0.5658	0.4761
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.7263	0.2737	0.6702	0.3135	0.7681
tis			0.8684	0.1316	0.8118	0.5996	0.4952
tis10%			0.8657	0.1343	0.8070	0.5971	0.5309
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.4706	0.2647	0.4245	0.3077	0.4523
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc			0.3659	0.1409	0.1778	0.0889	0.3016
trec12-wc			0.4839	0.1290	0.3302	0.3092	0.2447
trec21-wc			0.6970	0.1212	0.2990	0.1176	0.3446
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9731	0.0269	0.9577	0.9151	0.1965
turkish			0.7500	0.1250	0.7427	0.6667	0.2693
tvnews			0.8046	0.1954	0.7866	0.5723	0.6703
tvnews1%			0.8000	0.2000	0.7803	0.5553	0.6664
tvnews10%			0.8011	0.1989	0.7821	0.5615	0.6724
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.4328	0.1260	0.3415	0.3169	0.2776
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.6786	0.1607	0.6426	0.5577	0.4037
vehicleVAN			0.8571	0.1429	0.7996	0.5932	0.5894
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.1818	0.1488	0.1939	0.1000	0.3845
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9102	0.0898	0.6209	0.0422	0.2831

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
warpar10p			0.3846	0.1231	0.3500	0.3247	0.2376
warppie10p			0.4286	0.1143	0.3520	0.3636	0.2312
watch-acc			0.4174	0.1665	0.4007	0.3107	0.3276
watch-acc1%			0.4185	0.1661	0.4040	0.3118	0.3214
watch-acc10%			0.4168	0.1666	0.4015	0.3100	0.3264
watch-gyr			0.5208	0.1369	0.5074	0.4358	0.3293
watch-gyr1%			0.5221	0.1365	0.5101	0.4374	0.3206
watch-gyr10%			0.5198	0.1372	0.5076	0.4346	0.3283
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.6880	0.2080	0.6995	0.5324	0.5258
weather-related			0.4000	0.1091	0.2200	0.2703	0.2906
web-phishing			0.8148	0.1235	0.5663	0.6560	0.3122
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.3890	0.2444	0.4026	0.1669	0.4311
white-clover			0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc			0.9600	0.0200	0.9615	0.9467	0.0636
wilt			0.9669	0.0331	0.8316	0.6626	0.4990
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4780	0.1740	0.2175	0.1800	0.4546
winequality-white			0.5112	0.1396	0.2082	0.1812	0.3599
winnipeg			0.7904	0.0599	0.6417	0.7293	0.1554
winnipeg10%			0.7760	0.0640	0.7293	0.7112	0.2415
wisc_bc			0.9298	0.0702	0.9321	0.8550	0.3064
yale			0.0625	0.1250	0.0121	-0.0042	0.3525
yeast			0.4257	0.1149	0.2426	0.2738	0.3250
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.5430	0.0914	0.4594	0.4873	0.3193

Table 32: Detailed results for CO2

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1990	0.0552	0.0967	0.1277	0.4990
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9360	0.0640	0.8558	0.6859	0.3008
adult		0.8366	0.1634	0.7683	0.5359	0.6626
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8485	0.1010	0.3060	-0.0443	0.3971
AID1284Morered		0.8056	0.1944	0.4462	-0.0862	0.8010
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red		0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.5714	0.4286	0.3636	-0.2353	0.7045
AID439red		0.7143	0.2857	0.4167	-0.1667	0.7987
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.3939	-0.0938	0.8482
AID644red		0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8779	0.1221	0.8248	0.6361	0.5027
air_pollution		0.1833	0.2333	0.0965	-0.0040	0.4522
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8887	0.1113	0.8865	0.7723	0.4615
alcohol		0.7619	0.0952	0.3614	0.4853	0.3708
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8884	0.1116	0.8767	0.7528	0.4777
anneal		0.8652	0.0539	0.6154	0.7217	0.2010
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9054	0.0473	0.6310	0.8231	0.2340
anuran-genus		0.8595	0.0351	0.5186	0.7714	0.2366
anuran-species		0.8556	0.0289	0.6562	0.7936	0.1922
anxiety		0.1083	0.1981	0.1011	-0.0002	0.5987
apple-quality		0.7650	0.2350	0.7661	0.5300	0.7197
aps-failure		0.9862	0.0138	0.7554	0.4148	0.2107
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.6250	0.2308	0.8533
arrhythmia		0.2889	0.1422	0.0787	0.0096	0.5562
auction		0.9069	0.0931	0.7535	0.4444	0.4313
audiology		0.4783	0.0435	0.1706	0.4090	0.1473
audit-risk		0.9615	0.0385	0.9598	0.9193	0.2145
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.9714	0.0286	0.9639	0.9278	0.2035
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.4500	0.1833	0.2512	0.3168	0.3420
avila		0.2990	0.1168	0.3301	0.1893	0.4211
babies		0.3065	0.1982	0.1502	-0.0301	0.4515
balance		0.6774	0.2151	0.7266	0.5186	0.4134
bank		0.8988	0.1012	0.7456	0.4912	0.6305
banknote		0.9562	0.0438	0.9567	0.9119	0.2334
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8456	0.1544	0.8303	0.6477	0.5363
basehock		0.7839	0.2161	0.8123	0.5687	0.4868
bio		0.9955	0.0045	0.8565	0.7005	0.2678
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.7905	0.2095	0.7861	0.5682	0.6814
biomed		0.8571	0.1429	0.8467	0.6897	0.5386
bitcoin		0.9549	0.0031	0.0337	0.0129	0.0195
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.4119	0.2940	0.3991	0.2159	0.4194
bookings		0.9903	0.0065	0.7848	0.9793	0.0323
brain-tumor		0.4930	0.5070	0.4927	-0.0145	1.0000
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.9091	0.0303	0.9444	0.8889	0.0635
bridges		0.7872	0.0713	0.5185	0.7237	0.0615
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4140	0.3907	0.3203	0.0037	0.4338
car		0.7701	0.1149	0.4430	0.5571	0.3498
car-insurance		0.8430	0.1570	0.8127	0.6228	0.6012
card		0.8261	0.1739	0.8271	0.6497	0.6048
cardiotocography		0.6291	0.0742	0.4722	0.5583	0.3076
cardiotocography-nsp		0.8404	0.1064	0.6800	0.4608	0.4195
cardiovascular		0.6734	0.3266	0.6740	0.3468	0.8507
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5124	0.4474	0.4593
cas_N6512_cdk_ECFP2		0.6636	0.3364	0.6721	0.3351	0.8375
cas_N6512_rdkit_ATOMPAIR		0.6815	0.3185	0.6839	0.3652	0.8358
cas_N6512_RDkit_AtomPair_FP		0.6933	0.3067	0.6991	0.3915	0.8097
cas_N6512_rdkit_AVALON		0.7220	0.2780	0.7226	0.4439	0.7879
cas_N6512_RDkit_Avalon_FP		0.7316	0.2684	0.7299	0.4599	0.7789
cas_N6512_rdkit_descriptors		0.7031	0.2969	0.7131	0.4136	0.7809
cas_N6512_rdkit_FEATMORGAN		0.6452	0.3548	0.6413	0.2819	0.8858
cas_N6512_RDkit_Featmorgan_FP		0.6656	0.3344	0.6937	0.3495	0.7553
cas_N6512_RDkit_FP		0.6610	0.3390	0.6580	0.3156	0.8690
cas_N6512_rdkit_LAYERED		0.7108	0.2892	0.7134	0.4236	0.7973
cas_N6512_RDkit_Layered_FP		0.6886	0.3114	0.6874	0.3747	0.8358

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7373	0.2627	0.7353	0.4705	0.7705
cas_N6512_RDkit_MACCS_FP		0.7469	0.2531	0.7458	0.4915	0.7556
cas_N6512_rdkit_MORGAN		0.6877	0.3123	0.6916	0.3789	0.8234
cas_N6512_RDkit_morgan_FP		0.6212	0.3788	0.6525	0.2662	0.7960
cas_N6512_rdkit_PATTERN		0.7000	0.3000	0.7065	0.4053	0.7984
cas_N6512_RDkit_pattern_FP		0.7239	0.2761	0.7247	0.4480	0.7848
cas_N6512_rdkit_RDKITFP		0.6636	0.3364	0.6621	0.3241	0.8655
cas_N6512_rdkit_TORSION		0.6538	0.3462	0.6712	0.3218	0.8157
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9560	0.0440	0.4888	-0.0097	0.4865
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8457	0.1029	0.4123	0.1563	0.3146
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6995	0.3005	0.6730	0.3459	0.8339
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9669	0.0331	0.7595	0.4163	0.2252
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9970	0.0030	0.4992	-0.0010	0.4761
census		0.9385	0.0615	0.6484	0.2019	0.4411
census10%		0.9452	0.0548	0.6748	0.2249	0.3577
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S		0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia		0.5183	0.2409	0.3501	0.2834	0.3372
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9985	0.0015	0.7952	0.5448	0.5300
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8480	0.1520	0.7336	0.4225	0.5705
churn-bigml		0.8764	0.1236	0.7002	0.3443	0.5540
ci900367j_MACCS		0.6842	0.3158	0.6511	0.2289	0.7054
circles		0.0200	0.0196	0.0008	0.0101	0.3715
cirrhosis		0.6667	0.2222	0.4447	0.2967	0.4416
cjs		0.9714	0.0095	0.9716	0.9651	0.0472
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.5889	0.2056	0.3398	0.3162	0.3893
climate		0.8704	0.1296	0.5771	0.1525	0.6728
cll_sub_111		0.6667	0.2222	0.7500	0.4783	0.3555
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4286	0.3810	0.5619	0.2124	0.5090
cnae-9		0.5370	0.1029	0.5280	0.4792	0.3221
codon_usage		0.6846	0.0573	0.4185	0.6213	0.4071
coil20		0.5278	0.0472	0.5120	0.5027	0.1748
college		0.9091	0.0909	0.8839	0.7674	0.4467
collins		0.5000	0.0667	0.4013	0.4522	0.2661
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.6552	0.3448	0.6578	0.3029	0.8275
colposcopies-2		0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3		0.6552	0.3448	0.6372	0.2714	0.8780
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.7241	0.2759	0.4200	-0.0642	0.7721
column-2c		0.8710	0.1290	0.8634	0.7195	0.5250
column-3c		0.6129	0.2581	0.4667	0.2981	0.4258

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4969	0.5031	0.4896	-0.0194	0.9856
comedy_comparisons10%		0.5185	0.4815	0.5102	0.0050	0.6850
connect-4		0.9654	0.0231	0.5923	0.3745	0.2832
cottonmeloidogyne		0.6851	0.3149	0.6863	0.3693	0.8320
coupon		0.6483	0.3517	0.6333	0.2468	0.8472
covid19		0.2094	0.2259	0.1780	0.0220	0.3553
covtype		0.5722	0.1222	0.2755	0.3057	0.4088
covtype10%		0.4967	0.1438	0.2715	0.1051	0.3652
covtypeCD		0.9309	0.0691	0.8392	0.6434	0.3061
covtypeT		0.9512	0.0488	0.7867	0.5591	0.4634
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.7723	0.0759	0.4449	0.5617	0.3129
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.0938	0.0453	0.0614	0.0757	0.2235
customer-churn		0.9808	0.0192	0.6810	0.2870	0.3818
cybersecurity		0.1367	0.2878	0.0699	-0.0298	0.5790
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.7407	0.2593	0.7489	0.4316	0.5904
darwin		0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1058	0.1788	0.0617	0.0047	0.4986
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8233	0.1767	0.7067	0.3723	0.6324
defect		0.9167	0.0833	0.8398	0.6782	0.5009
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8952	0.1048	0.6850	0.3182	0.5562
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8919	0.0360	0.9031	0.8650	0.1043
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.7167	0.2833	0.7510	0.4333	0.5975
df_final		0.4375	0.3750	0.4242	0.1000	0.3937
DIA		0.7833	0.2167	0.6666	0.2353	0.5887
diabetes		0.8846	0.1154	0.8781	0.7562	0.4872
diabetes-100k		0.9422	0.0578	0.7856	0.4627	0.1540
diabetes-risk		0.8640	0.1360	0.7702	0.4969	0.5060
diabetic		0.4923	0.3385	0.3720	0.1306	0.5274
diabetic1%		0.4902	0.3399	0.3341	0.0547	0.5717
diabetic10%		0.4735	0.3510	0.3579	0.0991	0.5368
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.5332	0.1867	0.4770	0.3709	0.4358
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.4167	0.5833	0.4155	-0.1667	1.0000
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9217	0.0783	0.7206	0.3677	0.4371
dota2		0.5443	0.4557	0.5381	0.0505	0.8396
dota210%		0.5243	0.4757	0.5095	0.0148	0.9172
drebin		0.9268	0.0732	0.9213	0.8397	0.3291
dropout		0.6727	0.2182	0.5145	0.3897	0.3262
drug-01		0.2287	0.2204	0.0854	0.0177	0.5201
drug-02		0.4468	0.1581	0.1631	0.1656	0.5278

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-03		0.4734	0.1505	0.1614	0.0813	0.3874
drug-04		0.3777	0.1778	0.1716	0.1133	0.5036
drug-05		0.4149	0.1672	0.1380	0.0186	0.3032
drug-06		0.1489	0.2432	0.1716	0.0283	0.6101
drug-07		0.4202	0.1657	0.1229	0.0084	0.3515
drug-08		0.2234	0.2219	0.1508	0.0353	0.5050
drug-09		0.6755	0.0927	0.1698	0.1787	0.1932
drug-10		0.2340	0.2188	0.1564	0.0735	0.5379
drug-11		0.5585	0.1261	0.1083	0.0313	0.3316
drug-12		0.4947	0.1444	0.1609	0.1200	0.3168
drug-13		0.4255	0.1641	0.2689	0.2363	0.5439
drug-14		0.3936	0.1733	0.1930	0.1596	0.5175
drug-15		0.5000	0.1429	0.1411	0.1100	0.3964
drug-16		0.4521	0.1565	0.2371	0.2477	0.4476
drug-17		0.3511	0.1854	0.1367	0.0772	0.5004
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.5160	0.1383	0.1363	0.0669	0.3646
drybean		0.8766	0.0353	0.8774	0.8515	0.2055
ecoli		0.6735	0.0872	0.3989	0.5642	0.2544
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2700	0.3650	0.2483	0.0261	0.6579
eeg		0.1647	0.1044	0.0941	0.0902	0.6276
eeg-eye		0.6429	0.3571	0.6422	0.2403	0.7888
eeg10%		0.1438	0.1070	0.0838	0.0645	0.5933
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4247	0.2301	0.4442	0.2932	0.5660
euthyroid		0.9620	0.0380	0.8927	0.7854	0.3952
exon.vs.intron-freq		0.8767	0.1233	0.8763	0.7526	0.4964
exon.vs.intron-freq10%		0.8687	0.1313	0.8690	0.7354	0.5045
fakenews		0.5050	0.4950	0.5061	0.0120	0.9889
farm-ads		0.7271	0.2729	0.7425	0.4355	0.6510
fbis-wc		0.3049	0.0818	0.2312	0.2289	0.4981
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.5882	0.4118	0.5748	0.1384	0.9138
financial-risk		0.7145	0.0952	0.4553	0.5329	0.3578
fishcatch		0.8125	0.0625	0.8623	0.7659	0.1143
flags		0.4000	0.1500	0.2257	0.2500	0.2046
fonts		0.0017	0.0131	0.0003	-0.0002	0.4168
fonts10%		0.0026	0.0130	0.0005	0.0005	0.4134
forest		0.9231	0.0385	0.9063	0.8934	0.1031
gas		0.6506	0.1165	0.6580	0.5708	0.3474
gastrointestinal		0.6875	0.2083	0.7174	0.5000	0.3613
gender		0.5705	0.2863	0.4959	0.1298	0.5310
gene		0.8107	0.1262	0.7981	0.7015	0.3976
german		0.6700	0.3300	0.6059	0.1951	0.8568
gestures		0.3313	0.3343	0.3263	0.1073	0.5642
gina		0.8415	0.1585	0.8414	0.6828	0.5797
gisette		0.8957	0.1043	0.8958	0.7914	0.4436
glass		0.7143	0.0952	0.7115	0.6087	0.2279
glass-g2		0.7500	0.2500	0.8000	0.5294	0.5000
glassBWFP		0.7143	0.2857	0.6863	0.3636	0.8021
glassBWNFP		0.6667	0.3333	0.7042	0.3636	0.7218
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.6842	0.3158	0.6910	0.3736	0.8166
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.6000	0.2000	0.4000	0.4444	0.1161
glioma-grade		0.8810	0.1190	0.8813	0.7590	0.4804
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.0667	0.4667	0.0625	-0.2805	0.7503
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.6667	0.3333	0.4000	-0.1194	0.8874
hapt		0.6953	0.0508	0.4246	0.6388	0.1876
har		0.4648	0.2141	0.5138	0.3352	0.5238
har70		0.5721	0.1223	0.3959	0.4634	0.3066
har701%		0.5655	0.1241	0.4263	0.4582	0.2971
har7010%		0.5886	0.1176	0.4158	0.4843	0.2771
harth		0.5437	0.0760	0.2388	0.4152	0.2544
harth1%		0.5629	0.0728	0.2452	0.4305	0.3011
harth10%		0.5592	0.0735	0.2461	0.4273	0.2991
hayes-roth		0.5625	0.2917	0.4348	0.2911	0.5089
hcc-survival		0.5882	0.4118	0.5502	0.0916	0.9258
health-activity		0.5800	0.2100	0.2786	0.1171	0.3447
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.7419	0.2581	0.7542	0.4918	0.7133
heart-c		0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure		0.8940	0.1060	0.8768	0.7535	0.4817
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.8193	0.1807	0.8203	0.6387	0.6201
hepmass1%		0.8289	0.1711	0.8289	0.6577	0.6068
hepmass10%		0.8182	0.1818	0.8194	0.6367	0.6215
hERG-121inputs		0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.6326	0.3674	0.6315	0.2629	0.8983
higgs0.1%		0.6391	0.3609	0.6381	0.2761	0.8915
higgs1%		0.6389	0.3611	0.6379	0.2757	0.8918
higgs10%		0.6346	0.3654	0.6318	0.2570	0.8830
higher		0.3571	0.1607	0.3283	0.2674	0.2969
hinselmann		0.7000	0.3000	0.6098	0.2105	0.7892
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8600	0.1400	0.7047	0.3346	0.5279
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.4722	0.3519	0.4149	0.1220	0.6626
hotel-reservartions		0.8214	0.1786	0.7894	0.5644	0.6091
hr		0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor		0.6651	0.2232	0.6790	0.4923	0.5242
ht-sensor10%		0.6619	0.2254	0.6799	0.4848	0.5288
htru2		0.9788	0.0212	0.9338	0.8658	0.2186
hypothyroid		0.9655	0.0172	0.6590	0.7889	0.1713
hypothyroidT		0.9814	0.0186	0.9314	0.8580	0.1669
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9180	0.0410	0.9237	0.8907	0.1144
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.2169	0.0602	0.2147	0.1856	0.3724
jm1		0.8118	0.1882	0.6145	0.1473	0.6182
jvowels		0.7801	0.0489	0.7841	0.7513	0.2420

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1		0.8389	0.1611	0.6041	0.1617	0.6701
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.5000	0.0417	0.0343	0.2097	0.0690
kc1-class-level-top5percentDF		0.8000	0.2000	0.4444	-0.0976	0.5661
kc2		0.7500	0.2500	0.5148	0.0231	0.8187
kdc-4007		0.2145	0.1964	0.2003	0.0817	0.4869
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9955	0.0004	0.2405	0.9923	0.0343
kddcup991%		0.9569	0.0037	0.1489	0.9276	0.0774
kddcup9910%		0.9708	0.0025	0.1714	0.9507	0.0718
kepler		0.7092	0.1939	0.6608	0.4678	0.4036
kidney		0.6982	0.1207	0.1931	0.0139	0.3303
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.1683	0.0924	0.1440	0.0869	0.5927
krvskp		0.9310	0.0690	0.9328	0.8623	0.3135
la1s-wc		0.2635	0.2455	0.1078	0.0120	0.5691
la2s-wc		0.2384	0.2539	0.0827	-0.0227	0.5973
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.0084	0.0357	0.0000	-0.0073	0.2768
led24		0.3500	0.1300	0.3492	0.2697	0.3190
lenses		1.0000	0.0000	0.9919	1.0000	0.0000
letter		0.1430	0.0659	0.1078	0.1063	0.4854
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.5833	0.0556	0.5523	0.5522	0.1805
linkage		0.9998	0.0002	0.9895	0.9787	0.0010
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9999	0.0001	0.9940	0.9880	0.0214
liver		0.5588	0.4412	0.5077	0.0154	0.9475
loan		0.9625	0.0375	0.9600	0.9200	0.2199
localization		0.1831	0.1485	0.1218	0.0951	0.5335
localization10%		0.1978	0.1459	0.1221	0.0991	0.5597
lrs		0.8302	0.0340	0.4161	0.7673	0.1425
lung		0.8571	0.0571	0.7509	0.7284	0.2017
lung_discrete		0.3750	0.1786	0.2597	0.2982	0.1275
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.8000	0.0800	0.5848	0.6117	0.3300
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7793	0.0959	0.4145	0.5946	0.2749
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.8936	0.1064	0.8904	0.7809	0.4568
madelon		0.6500	0.3500	0.6505	0.3000	0.8773
magic04		0.8175	0.1825	0.7940	0.5762	0.6155
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8221	0.6440	0.6197
marketing		0.8750	0.1250	0.6982	0.3360	0.5491
maternal		0.5743	0.2838	0.6160	0.3325	0.4914
math		0.7750	0.1125	0.7455	0.6613	0.3330
mba		0.8371	0.1086	0.3858	0.0616	0.2871
mental-disorders		0.7500	0.1250	0.7819	0.6667	0.2396
mental-health		0.1967	0.3213	0.1602	0.0026	0.5265
messidor		0.6174	0.3826	0.6267	0.2459	0.8840
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.8249	0.7097	0.1827
meter-D		0.7778	0.1111	0.6471	0.6897	0.2488
mfeat-fac		0.7100	0.0580	0.7464	0.6778	0.1996
mfeat-fou		0.4200	0.1160	0.3854	0.3556	0.4222
mfeat-kar		0.6500	0.0700	0.6753	0.6111	0.3376
mfeat-mor		0.3900	0.1220	0.3870	0.3222	0.2922
mfeat-pix		0.6100	0.0780	0.6223	0.5667	0.3476
mfeat-zer		0.5050	0.0990	0.5041	0.4500	0.3373
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8868	0.0755	0.8960	0.8248	0.2308
mines		0.5294	0.1882	0.5257	0.4087	0.3906
mobile		0.0175	0.0351	0.0012	-0.0001	0.3776
monks-1		0.9273	0.0727	0.9320	0.8549	0.2661
monks-2		0.7213	0.2787	0.6764	0.3457	0.8074
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		0.9988	0.0012	0.9988	0.9975	0.0115
music		0.1050	0.1627	0.1626	0.0450	0.4612
musk		0.8970	0.1030	0.7756	0.4917	0.4118
MUT_ci300400a_cdk_ECFP2		0.6990	0.3010	0.7089	0.4056	0.7858
MUT_ci300400a_cdk_ECFP4		0.6707	0.3293	0.6804	0.3500	0.8218
MUT_ci300400a_cdk_ECFP6		0.6587	0.3413	0.6764	0.3348	0.8130
MUT_ci300400a_cdk_ESTATE		0.6787	0.3213	0.6627	0.3204	0.8470
MUT_ci300400a_cdk_EXTENDED		0.7074	0.2926	0.7162	0.4211	0.7777
MUT_ci300400a_cdk_FCFP2		0.6599	0.3401	0.6405	0.2466	0.8060
MUT_ci300400a_cdk_FCFP4		0.6703	0.3297	0.6517	0.2910	0.8429
MUT_ci300400a_cdk_FCFP6		0.6487	0.3513	0.6841	0.3303	0.7658
MUT_ci300400a_cdk_MACCS		0.7230	0.2770	0.7127	0.4246	0.7952
MUT_ci300400a_cdk_PUBCHEM		0.7246	0.2754	0.7187	0.4371	0.7908
MUT_ci300400a_cdk_STANDARD		0.7389	0.2611	0.7360	0.4703	0.7656
MUT_ci300400a_rdkit_descriptors		0.7419	0.2581	0.7406	0.4793	0.7592
myocardial		0.6941	0.0765	0.3697	0.2383	0.3495
naticusdroid		0.9359	0.0641	0.9373	0.8718	0.2959
NCI60		0.5000	0.1667	0.4375	0.4000	0.1756
nci9		0.0000	0.2222	0.0000	-0.2000	0.3023
ncRNA		0.6823	0.0334	0.1033	0.3641	0.4859
ncRNA1%		0.6110	0.0409	0.0761	0.2559	0.3694
ncRNA10%		0.6788	0.0338	0.1466	0.3609	0.5728
neo		0.9075	0.0925	0.6499	0.1247	0.3438
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0231	0.0444	0.0086	-0.0020	0.5428
newspop		0.6380	0.3620	0.6379	0.2753	0.8911
NHANES_age_prediction		0.9912	0.0088	0.9835	0.9670	0.1081
nomao		0.9240	0.0760	0.9074	0.8147	0.4023
NPHA-doctor-visits		0.5000	0.3333	0.3046	-0.0165	0.5418
nursery		0.8812	0.0475	0.5361	0.8238	0.1386
obesity		0.6209	0.1083	0.5850	0.5564	0.2824
obs		0.5185	0.2407	0.6229	0.3852	0.4250
occupancy		0.9883	0.0117	0.9840	0.9677	0.1315
Occupancy_Estimation		0.9901	0.0049	0.9681	0.9700	0.0457
oh0-wc		0.1386	0.1723	0.1235	0.0060	0.6040
oh10-wc		0.1905	0.1619	0.1577	0.0773	0.6425
oh15-wc		0.2174	0.1565	0.1218	0.0884	0.5539
oh5-wc		0.0879	0.1824	0.0538	-0.0382	0.6519
ohscal-wc		0.1263	0.1747	0.0570	-0.0017	0.5818
olive		0.8772	0.0273	0.8704	0.8455	0.0963

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
opn310k			0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%			0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.7313	0.0537	0.7388	0.7013	0.2776
optdigitsZ			0.9929	0.0071	0.9778	0.9553	0.0921
orl			0.1750	0.0413	0.1323	0.1538	0.2022
orlraws10P			0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer			0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7680	0.2320	0.7283	0.4265	0.6822
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8810	0.1190	0.8837	0.7626	0.4657
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9177	0.0329	0.6091	0.5900	0.3831
parkinson			0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons			0.7346	0.2654	0.7259	0.4497	0.7743
parkinsons-small			0.8947	0.1053	0.8914	0.7595	0.4308
particle			0.8778	0.1222	0.8438	0.6840	0.5196
particle10%			0.8700	0.1300	0.8349	0.6679	0.5505
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9279	0.0721	0.6644	0.2997	0.5774
pcmac			0.5773	0.4227	0.4764	-0.0062	0.6352
pcos			0.9933	0.0067	0.9896	0.9789	0.0328
pd			0.8289	0.1711	0.7498	0.4583	0.5776
pediatric-leukemia			0.6176	0.1092	0.5794	0.5352	0.2939
pendigits			0.8207	0.0359	0.8281	0.8008	0.1863
period			0.3333	0.6667	0.2500	-0.5000	1.0000
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.7813	0.2187	0.7611	0.5139	0.6933
personalities			0.3055	0.0868	0.2964	0.2593	0.5093
pet-adoption			0.9000	0.1000	0.8861	0.7610	0.3790
phishing			0.9469	0.0531	0.9465	0.8905	0.2790
PhiUSIIL			0.9994	0.0006	0.9994	0.9988	0.0071
PhiUSIIL10%			0.9987	0.0013	0.9987	0.9974	0.0131
phone-acc			0.4224	0.1650	0.4399	0.3248	0.4619
phone-acc0.1%			0.4418	0.1595	0.4746	0.3484	0.4393
phone-acc1%			0.3932	0.1734	0.4461	0.2935	0.4641
phone-acc10%			0.3836	0.1761	0.4107	0.2817	0.4679
phone-gyr			0.4181	0.1663	0.4365	0.3197	0.4689
phone-gyr0.1%			0.3690	0.1803	0.4208	0.2637	0.4605
phone-gyr1%			0.3607	0.1827	0.4060	0.2550	0.4769
phone-gyr10%			0.4707	0.1512	0.4788	0.3813	0.4483
phoneme			0.7907	0.2093	0.7333	0.4646	0.7260
phy			0.6882	0.3118	0.6891	0.3767	0.8319
pima			0.7368	0.2632	0.7176	0.4154	0.7389
pirvision			0.9856	0.0096	0.9700	0.9541	0.0886
placement			0.7740	0.2260	0.7676	0.5352	0.7167
plant-growth			0.7368	0.2632	0.7389	0.4751	0.7624
plrx			0.4444	0.5556	0.4375	-0.1111	0.8920
poker			0.4279	0.1144	0.1588	0.0074	0.1852
poker1%			0.4351	0.1130	0.0975	0.0113	0.2900
poker10%			0.4793	0.1041	0.1045	0.0627	0.2656
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
polya		0.7070	0.2930	0.6643	0.3173	0.8163
popularity		0.6313	0.2458	0.2580	0.0000	0.2921
post-operative		0.6635	0.2301	0.2563	0.0091	0.2307
postures		0.6101	0.1560	0.6416	0.5119	0.4525
pred-tox_mutagen_ref-desc		0.7206	0.2794	0.7207	0.4412	0.7929
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.0998	0.0867	0.0442	0.0317	0.3255
processed		0.9254	0.0746	0.9200	0.8354	0.3779
profb		0.6716	0.3284	0.6027	0.1998	0.8783
promoters		0.8000	0.2000	0.7917	0.5833	0.6737
prostate		0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE		0.6364	0.3636	0.6333	0.2667	0.8952
puc-rio		0.8109	0.0756	0.7130	0.7412	0.2568
puc-rio10%		0.7839	0.0864	0.6267	0.7014	0.2785
pufs-128		0.5009	0.4991	0.5009	0.0019	0.9995
pufs-1281%		0.4947	0.5053	0.4947	-0.0107	1.0000
pufs-12810%		0.4954	0.5046	0.4954	-0.0091	1.0000
pufs-64		0.5025	0.4975	0.5025	0.0051	0.9979
pufs-641%		0.5158	0.4842	0.5159	0.0317	0.9902
pufs-6410%		0.4963	0.5037	0.4963	-0.0074	1.0000
pulsar		0.9800	0.0200	0.9382	0.8729	0.1690
raisin		0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%		0.0167	0.0371	0.0067	-0.0039	0.4744
rcv110%		0.0161	0.0371	0.0043	-0.0100	0.5278
re0-wc		0.1733	0.1272	0.1330	0.0682	0.5199
re1-wc		0.0542	0.0757	0.0322	-0.0044	0.5495
rejafada		0.9698	0.0302	0.7232	0.2433	0.0927
relathe		1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578		0.2241	0.0239	0.0165	0.1138	0.4931
rice		0.9835	0.0165	0.9833	0.9667	0.1149
rnaseq		0.9375	0.0250	0.9479	0.9170	0.0982
rocket		0.6415	0.3585	0.6117	0.1841	0.8142
RT_IOT2022		0.8796	0.0201	0.5191	0.7024	0.0345
satimage		0.7745	0.0752	0.7448	0.7242	0.3194
satimageF		0.9813	0.0187	0.9504	0.8974	0.1179
satimageT		0.9160	0.0840	0.7148	0.3643	0.4701
scadi		0.5714	0.1224	0.3415	0.4167	0.1905
schiller		0.7778	0.2222	0.6786	0.3571	0.7720
schizo		0.7059	0.2941	0.7119	0.4118	0.7818
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom		0.7139	0.2861	0.7092	0.4178	0.8047
seeds		0.8095	0.1270	0.8213	0.7143	0.3535
segment		0.7489	0.0717	0.8236	0.7085	0.1046
segmentation		0.8465	0.1535	0.8405	0.6765	0.5770
segmentO		0.9913	0.0087	0.9834	0.9663	0.1466
seismic		0.9341	0.0659	0.4830	0.0000	0.1661
semeion		0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram		0.8688	0.1312	0.6189	0.0601	0.3732
sens-2-gram		0.8763	0.1237	0.6468	0.1701	0.4692
sens-3-gram		0.8632	0.1368	0.5884	0.1163	0.6103
sens-4-gram		0.8632	0.1368	0.4633	-0.0102	0.4508
sens-5-gram		0.8684	0.1316	0.5897	0.0557	0.4398
sens-6-gram		0.8711	0.1289	0.6147	0.0873	0.4343
sens-7-gram		0.8658	0.1342	0.4640	-0.0052	0.3810
sens-8-gram		0.8763	0.1237	0.6772	0.0998	0.2600
sens-9-gram		0.8684	0.1316	0.5897	0.0557	0.4398

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sensorless			0.2511	0.1362	0.2588	0.1762	0.5039
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9035	0.0965	0.8055	0.6087	0.5524
shuttle			0.9971	0.0008	0.6278	0.9917	0.0610
sick			0.9708	0.0292	0.8844	0.7687	0.4140
sirtuin6			0.8000	0.2000	0.8000	0.6000	0.6644
skin			0.9712	0.0288	0.9572	0.9140	0.2466
skin10%			0.9677	0.0323	0.9512	0.9024	0.2532
smarket			0.9840	0.0160	0.9840	0.9680	0.1115
smart-farming			0.3000	0.3500	0.2625	0.0561	0.6460
smk_can_187			0.6842	0.3158	0.6841	0.3596	0.8222
smoking			0.7310	0.2690	0.7309	0.4522	0.7564
soil_pollution			0.2133	0.3147	0.2335	0.0164	0.4802
solar-flare			0.6547	0.1151	0.4872	0.5587	0.1789
sonar			0.4500	0.5500	0.4475	-0.1000	1.0000
soybean			0.7206	0.0294	0.6385	0.6936	0.1034
spam-detection			0.9565	0.0435	0.8653	0.7297	0.4220
spambase			0.8913	0.1087	0.8860	0.7679	0.4382
spect			0.6667	0.3333	0.5950	0.1818	0.8134
spectf			0.6857	0.3143	0.6034	0.2062	0.8701
spectrometer			0.0755	0.0385	0.0283	0.0406	0.2374
splice-EI			0.9274	0.0726	0.9097	0.8161	0.4123
splice-IE			0.8265	0.1735	0.7327	0.4337	0.6232
sport-articles			0.8200	0.1800	0.8069	0.6139	0.6416
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.2000	0.5333	0.1111	-0.1765	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7880	0.1414	0.7446	0.6528	0.4062
steel-b			0.8256	0.1744	0.7195	0.4345	0.7007
steel-d			0.9744	0.0256	0.7677	0.5324	0.5024
steel-k			0.9692	0.0308	0.9524	0.9001	0.1086
steel-o			0.7436	0.2564	0.7066	0.4072	0.7734
steel-p			0.9128	0.0872	0.6672	0.3253	0.6351
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9590	0.0410	0.8834	0.7667	0.4153
stellar			0.8789	0.0807	0.8577	0.7881	0.3396
stock			0.8611	0.1389	0.7725	0.5443	0.6484
stockb			0.9912	0.0059	0.9913	0.9868	0.0273
streaming			0.8820	0.1180	0.8814	0.7623	0.4834
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4200	0.2320	0.3173	0.2231	0.3985
student-depression			0.8108	0.1892	0.8033	0.6015	0.6343
student-habits			0.3300	0.2680	0.1553	-0.0497	0.5175
student-weekend			0.2154	0.3138	0.1895	-0.0076	0.7084
student-workday			0.6406	0.1437	0.2304	0.2432	0.5808
studentap			0.6154	0.2564	0.6546	0.3981	0.4390
susy			0.7637	0.2363	0.7623	0.5174	0.7109
susy1%			0.7626	0.2374	0.7604	0.5170	0.7219
susy10%			0.7642	0.2358	0.7629	0.5183	0.7088
swarm_aligned			0.9817	0.0183	0.9787	0.9567	0.0962
swarm_flocking			0.9380	0.0620	0.9394	0.8759	0.2868
swarm_grouped			0.9900	0.0100	0.9894	0.9786	0.0653
tae			0.4000	0.4000	0.4835	0.1000	0.5452
telco-churn			0.8707	0.1293	0.8259	0.6398	0.5153
texture			0.8164	0.0334	0.8454	0.7973	0.1326
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9634	0.0366	0.4907	-0.0183	0.5938

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.8526	0.1474	0.8328	0.6427	0.4852
tis			0.8915	0.1085	0.8485	0.6924	0.4916
tis10%			0.8731	0.1269	0.8187	0.6237	0.5167
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6375	0.1126	0.4144	0.5031	0.0899
tox_171			0.6471	0.1765	0.6498	0.5300	0.3306
toxicity			0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f			0.7647	0.2353	0.7536	0.3929	0.4155
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.5547	0.1085	0.8742
trec11-wc			0.1463	0.1897	0.1476	0.0440	0.4818
trec12-wc			0.2581	0.1855	0.1659	0.1284	0.5070
trec21-wc			0.2121	0.2626	0.1930	0.0814	0.2333
trec23-wc			0.6190	0.1270	0.3346	0.4528	0.3346
trec31-wc			0.3871	0.1751	0.3521	0.2566	0.4517
trec41-wc			0.1591	0.1682	0.1964	0.0886	0.4851
trec45-wc			0.2319	0.1536	0.2003	0.1479	0.4834
tuandromd			0.9686	0.0314	0.9522	0.9042	0.2634
turkish			0.5750	0.2125	0.5956	0.4333	0.4438
tvnews			0.7984	0.2016	0.7776	0.5499	0.6711
tvnews1%			0.8846	0.1154	0.8750	0.7446	0.4558
tvnews10%			0.8412	0.1588	0.8284	0.6567	0.5965
ur3_cobotops_grip			0.9701	0.0299	0.6868	0.3011	0.4026
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7164	0.0630	0.6994	0.6675	0.2125
urinalysis			0.9510	0.0490	0.7039	0.3436	0.4349
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7381	0.1310	0.7052	0.6449	0.2732
vehicleVAN			0.9643	0.0357	0.9565	0.9091	0.2605
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.8140	0.1860	0.8202	0.6293	0.5994
vowel			0.2929	0.1286	0.3110	0.2222	0.3733
vowelZ			0.9495	0.0505	0.8400	0.6784	0.4613
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.1987	0.0801	0.0859	0.1394	0.4305
warpar10p			0.2308	0.1538	0.1591	0.1503	0.2501
warppie10p			0.6667	0.0667	0.6260	0.6297	0.1495
watch-acc			0.5024	0.1422	0.5409	0.4214	0.4007
watch-acc1%			0.5202	0.1371	0.5109	0.4419	0.4039
watch-acc10%			0.3958	0.1726	0.4249	0.2982	0.4764
watch-gyr			0.5280	0.1349	0.4815	0.4494	0.3708
watch-gyr1%			0.4239	0.1646	0.4418	0.3293	0.4480
watch-gyr10%			0.5221	0.1365	0.5047	0.4422	0.4092
water_pollution			0.2833	0.3583	0.2727	0.0404	0.5829
waveform			0.6780	0.2147	0.6873	0.5163	0.5549
weather-related			0.6308	0.0671	0.6401	0.5837	0.2331
web-phishing			0.7852	0.1432	0.6265	0.6087	0.5102
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.4219	0.2312	0.4107	0.2738	0.5379
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9800	0.0100	0.9807	0.9733	0.0350
wilt			0.9752	0.0248	0.8590	0.7144	0.3739
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5094	0.1635	0.2581	0.2139	0.4174
winequality-white			0.3292	0.1916	0.1640	0.0400	0.3640

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
winnipeg			0.9087	0.0261	0.7708	0.8838	0.1256
winnipeg10%			0.9156	0.0241	0.7944	0.8935	0.1327
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.2500	0.1000	0.2286	0.1933	0.2011
yeast			0.4459	0.1108	0.3148	0.2553	0.3781
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.5527	0.0895	0.5179	0.4984	0.4239

Table 33: Detailed results for CUBIST(C)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2000	0.0762	0.1914	0.1252	0.5673
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer		0.9803	0.0197	0.7306	0.4606	0.5522
accident		0.4500	0.5500	0.4246	-0.1000	0.9438
ads		0.9634	0.0366	0.9208	0.8331	0.1869
adult		0.8462	0.1538	0.7692	0.4762	0.4748
advanced-iot		0.9990	0.0003	0.9990	0.9988	0.0025
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7500	0.2500	0.5869	0.1649	0.7334
AID1284red		0.6944	0.3056	0.5563	0.1000	0.7073
AID1608Morered		0.8835	0.1165	0.4691	-0.0600	0.6992
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9790	0.0210	0.4947	-0.0094	0.5789
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604		0.9992	0.0008	0.9450	0.8885	0.3001
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.5000	0.5000	0.4553	-0.0870	0.9393
AID644red		0.6000	0.4000	0.5669	0.1304	0.8900
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.5303	0.0526	0.7987
AID721red		0.5556	0.4444	0.5303	0.0526	0.7987
AID746AID1284red		0.9988	0.0012	0.6219	0.2217	0.4869
AID746red		0.9916	0.0084	0.5392	0.0703	0.5441
aids		0.8451	0.1549	0.7779	0.4741	0.3988
airline		0.9364	0.0636	0.9358	0.8694	0.2936
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
anneal		0.9888	0.0045	0.9858	0.9759	0.0146
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9416	0.0292	0.8340	0.8890	0.1500
anuran-genus		0.8915	0.0271	0.6782	0.8217	0.2634
anuran-species		0.8806	0.0239	0.7224	0.8333	0.1761
apple-quality		0.7900	0.2100	0.8051	0.5800	0.5814
aps-failure		0.9888	0.0112	0.8148	0.5994	0.2818
arabidopsis0.1%		0.9735	0.0265	0.4933	-0.0119	0.4249
arabidopsis1%		0.9812	0.0188	0.4952	-0.0093	0.4890
arcene		0.6000	0.4000	0.5669	0.1304	0.9336
arrhythmia		0.5333	0.0933	0.3205	0.3250	0.3915
auction		0.9657	0.0343	0.9196	0.8257	0.1098
audiology		0.7727	0.0413	0.7138	0.7304	0.1093
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8500	0.0600	0.8370	0.7973	0.1241
avila		0.7935	0.0344	0.7031	0.7276	0.2333
babies		0.3468	0.1866	0.0745	-0.0103	0.3194
balance		0.8065	0.1290	0.6560	0.6743	0.2635
bank		0.9051	0.0949	0.7053	0.3234	0.4506
banknote		0.9781	0.0219	0.9779	0.9556	0.1390
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8433	0.1567	0.8349	0.6290	0.4184
basehock		0.8995	0.1005	0.9024	0.7989	0.4005
bio		0.9962	0.0038	0.8809	0.7424	0.1420
bio10%		0.9945	0.0055	0.8235	0.6337	0.3330
biodeg		0.8190	0.1810	0.8148	0.5822	0.4659
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin		0.9761	0.0022	0.0912	0.2159	1.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9819	0.0033	0.2448	0.2934	0.7798
body-perf		0.4970	0.2515	0.5288	0.3294	0.5202
breast-cancer		0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co		0.4545	0.5455	0.3125	-0.1786	0.9552
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.4545	0.1818	0.4194	0.3465	0.2343
bridges		0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
car		0.8966	0.0517	0.7212	0.7713	0.1633
card		0.8406	0.1594	0.8488	0.6834	0.5371
cardiotocography		0.6009	0.0798	0.5141	0.5254	0.3782
cardiotocography-nsp		0.9155	0.0563	0.8567	0.7753	0.3643
cardiovascular		0.7188	0.2812	0.7306	0.4374	0.7313
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8500	0.1000	0.7664	0.7219	0.2876
cas_N6512_cdk_ECFP2		0.6621	0.3379	0.6958	0.3450	0.7352
cas_N6512_rdkit_ATOMPAIR		0.6662	0.3338	0.7045	0.3540	0.7072
cas_N6512_RDkit_AtomPair_FP		0.6442	0.3558	0.6775	0.3106	0.7601
cas_N6512_rdkit_AVALON		0.6928	0.3072	0.7276	0.4040	0.6828
cas_N6512_RDkit_Avalon_FP		0.6917	0.3083	0.7327	0.4034	0.6518
cas_N6512_rdkit_descriptors		0.6923	0.3077	0.7290	0.4034	0.6734
cas_N6512_rdkit_FEATMORGAN		0.6636	0.3364	0.6979	0.3481	0.7303
cas_N6512_RDkit_Featmorgan_FP		0.6825	0.3175	0.7234	0.3858	0.6679
cas_N6512_RDkit_FP		0.6503	0.3497	0.6879	0.3237	0.7330
cas_N6512_rdkit_LAYERED		0.6738	0.3262	0.7106	0.3682	0.7031
cas_N6512_RDkit_Layered_FP		0.6902	0.3098	0.7210	0.3975	0.7066
cas_N6512_rdkit_MACCS		0.7235	0.2765	0.7448	0.4588	0.6992
cas_N6512_RDkit_MACCS_FP		0.7285	0.2715	0.7525	0.4693	0.6765
cas_N6512_rdkit_MORGAN		0.7062	0.2938	0.7389	0.4288	0.6701
cas_N6512_RDkit_morgan_FP		0.6503	0.3497	0.6908	0.3246	0.7196
cas_N6512_rdkit_PATTERN		0.6908	0.3092	0.7278	0.4006	0.6743
cas_N6512_RDkit_pattern_FP		0.6963	0.3037	0.7352	0.4116	0.6549
cas_N6512_rdkit_RDKITFP		0.6283	0.3717	0.6667	0.2820	0.7566
cas_N6512_rdkit_TORSION		0.6723	0.3277	0.7123	0.3662	0.6894
ccds1%		0.8901	0.1099	0.4978	-0.0039	0.5182
ccds10%		0.9380	0.0620	0.5860	0.1720	0.6229
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6891	0.3109	0.7384	0.4166	0.6528

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7844	0.4877	0.2146
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
census10%		0.9502	0.0498	0.7243	0.2928	0.2202
central-nervous-system		0.0000	1.0000	0.0000	-0.8000	0.9183
cervical-B		0.9186	0.0814	0.4788	-0.0203	0.5749
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9419	0.0581	0.6302	0.2561	0.6215
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
chrom19		0.9997	0.0003	0.9216	0.8372	0.1315
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9995	0.0005	0.8570	0.6664	0.0031
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9277	0.0723	0.6796	0.3030	0.5106
churn		0.8320	0.1680	0.7414	0.4827	0.6934
ci900367j_MACCS		0.7158	0.2842	0.6914	0.3187	0.6780
circles		0.9840	0.0003	0.9850	0.9838	0.0050
cirrhosis		0.6667	0.2222	0.4817	0.3988	0.4941
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.5889	0.2056	0.4453	0.3591	0.4520
climate		0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111		0.5000	0.3333	0.5385	0.2000	0.5668
cm1		0.8400	0.1600	0.4565	-0.0811	0.7590
cmc		0.4830	0.3447	0.5180	0.2312	0.6110
cnae-9		0.7222	0.0617	0.7341	0.6875	0.2358
codon_usage		0.6692	0.0601	0.5235	0.6112	0.3762
coil20		0.6042	0.0396	0.5946	0.5832	0.2274
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.6009	0.1989	0.8928
colposcopies-2		0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3		0.4483	0.5517	0.3966	-0.1959	1.0000
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6		0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c		0.7586	0.2414	0.6226	0.2281	0.7911
column-2c		0.7742	0.2258	0.7354	0.4694	0.7392
column-3c		0.7742	0.1505	0.7301	0.6291	0.3125
connect-4		0.9987	0.0009	0.9807	0.9706	0.1459
cottonmeloidogyne		0.6418	0.3582	0.7042	0.2884	0.5589
coupon		0.6609	0.3391	0.6714	0.2451	0.6473
covid19		0.4891	0.1460	0.2241	0.1465	0.4559
covtype10%		0.7107	0.0827	0.5074	0.5459	0.4414
covtypeCD		0.9737	0.0263	0.9496	0.8956	0.3080
covtypeT		0.9769	0.0231	0.9045	0.7990	0.1971
crabs		0.7000	0.1500	0.7129	0.6000	0.2508
creditcard_trans		0.9993	0.0007	0.8798	0.7404	0.1357
creditcard_trans10%		0.9989	0.0011	0.8234	0.5710	0.0057
crowdsourced		0.7594	0.0802	0.6352	0.5595	0.2882
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.1250	0.0547	0.0761	0.0968	0.1708
customer-churn		0.9828	0.0172	0.7343	0.4266	0.3926
cyclopentane		0.6667	0.3333	0.7089	0.3622	0.7010
cylinder-bands		0.6481	0.3519	0.6855	0.3294	0.7573
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
default		0.8113	0.1887	0.6783	0.2802	0.5983
defect		0.9630	0.0370	0.9289	0.8510	0.1820
deposit		0.8987	0.1013	0.6929	0.2929	0.4626
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8649	0.0450	0.8698	0.8300	0.1231
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.8833	0.1167	0.8888	0.7667	0.4224
df_final		0.5625	0.2917	0.6018	0.3086	0.5254
DIA		0.8000	0.2000	0.7037	0.3846	0.6952
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-risk		0.9173	0.0827	0.8759	0.7516	0.4731
diabetic1%		0.5294	0.3137	0.2323	-0.0132	0.4171
diabetic10%		0.5599	0.2934	0.3558	0.0969	0.4946
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6531	0.1387	0.6318	0.5094	0.3581
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5833	0.4167	0.5598	0.1176	0.9466
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9966	0.0034	0.4991	-0.0010	0.4549
dorothea		0.9217	0.0783	0.7206	0.3677	0.4371
dota2		0.5217	0.4783	0.5676	0.0809	0.7682
dota210%		0.5214	0.4786	0.5717	0.0812	0.7477
dropout		0.7201	0.1866	0.6114	0.5068	0.4593
drug-01		0.3138	0.1960	0.1081	-0.0251	0.4850
drug-02		0.3245	0.1930	0.0940	-0.0544	0.5779
drug-03		0.6862	0.1046	0.1569	0.0388	0.2843
drug-04		0.3883	0.1748	0.1031	-0.0381	0.5063
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.1436	0.2447	0.1711	0.0219	0.6418
drug-07		0.4309	0.1897	0.1004	0.0000	0.2655
drug-08		0.5160	0.1383	0.1471	0.1513	0.3777
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.4628	0.1535	0.1774	0.1511	0.5600
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.5479	0.1292	0.1977	0.2619	0.5155
drug-14		0.4840	0.1474	0.1798	0.1459	0.4859
drug-15		0.7340	0.0760	0.2167	0.1552	0.4172
drug-16		0.5479	0.1507	0.2609	0.2819	0.4262
drug-17		0.3085	0.1976	0.1208	0.0709	0.4191
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7606	0.0684	0.1238	0.0046	0.3885
drybean		0.8193	0.0516	0.8193	0.7835	0.2363
ecoli		0.7059	0.0980	0.4730	0.5771	0.2470
ecoliCP-IM		0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.9091	0.0909	0.6822	0.3529	0.6260
eeg		0.2108	0.0987	0.2191	0.1418	0.7133
eeg-eye		0.7764	0.2236	0.7971	0.5272	0.4744
eeg10%		0.1810	0.1024	0.1327	0.1072	0.7402
email_phishing		0.9872	0.0128	0.6679	0.0682	0.0796
eucalyptus		0.4521	0.2192	0.4438	0.3082	0.5052
euthyroid		0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq10%		0.9192	0.0808	0.9229	0.8367	0.3015

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
farm-ads		0.8164	0.1836	0.8272	0.6369	0.5721
fbis-wc		0.4878	0.0603	0.3572	0.4286	0.4576
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.6471	0.3529	0.6930	0.2337	0.4961
fishcatch		0.5625	0.1458	0.4219	0.4563	0.2399
flags		0.3000	0.2000	0.1661	0.1223	0.4319
fonts10%		0.1161	0.0116	0.0344	0.1006	1.0000
forest		0.8654	0.0673	0.8408	0.8143	0.2067
gas		0.9202	0.0266	0.9167	0.9034	0.1270
gastrointestinal		0.7500	0.1667	0.7618	0.5733	0.3804
gender		0.5979	0.2681	0.3550	0.0595	0.4306
gene		0.8612	0.0925	0.8495	0.7828	0.2998
german		0.7000	0.3000	0.6613	0.1914	0.5773
gestures		0.5942	0.2029	0.6222	0.4592	0.4411
gina		0.8559	0.1441	0.8653	0.7130	0.4698
gisette		0.9329	0.0671	0.9350	0.8657	0.2936
glass		0.6190	0.1270	0.3286	0.4598	0.2808
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP		0.6667	0.3333	0.6687	0.3226	0.8108
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.7619	0.2381	0.4324	-0.0825	0.3983
GlaucomaM		0.8421	0.1579	0.8623	0.6885	0.4011
gli_85		0.8750	0.1250	0.8730	0.7143	0.4644
glioma		0.6000	0.2667	0.4912	0.4118	0.2946
glioma-grade		0.8333	0.1667	0.8297	0.6456	0.5506
green		0.7000	0.3000	0.7674	0.4444	0.5283
grub-damage		0.3333	0.3333	0.2192	0.0566	0.4374
gsalc		0.5556	0.1481	0.4545	0.4545	0.2040
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.8280	0.0287	0.5428	0.7968	0.1843
har		0.8522	0.0591	0.8444	0.8119	0.1703
har70		0.7500	0.0714	0.4957	0.6582	0.3884
har701%		0.7593	0.0688	0.5006	0.6658	0.4325
har7010%		0.7102	0.0828	0.4683	0.6012	0.4439
harth		0.7420	0.0430	0.4267	0.6560	0.3265
harth1%		0.7185	0.0469	0.4392	0.6253	0.3337
harth10%		0.7402	0.0433	0.4260	0.6535	0.3178
hayes-roth		0.7500	0.1667	0.7333	0.5844	0.2718
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7037	0.2963	0.6928	0.3292	0.6996
heart-attack		0.7742	0.2258	0.7813	0.5293	0.6121
heart-c		0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure		0.9760	0.0240	0.9723	0.9431	0.1008
heart-quantum		0.9400	0.0600	0.9384	0.8760	0.3123
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.7941	0.2059	0.8102	0.5870	0.5608
hepmass10%		0.7954	0.2046	0.8117	0.5899	0.5568
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.5955	0.4045	0.6510	0.2213	0.7065
higgs1%		0.6319	0.3681	0.6789	0.2880	0.7056
higgs10%		0.6376	0.3624	0.6818	0.2971	0.7091
higher		0.2143	0.1964	0.1270	0.0833	0.3296

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hinselmann		0.7000	0.3000	0.6098	0.2105	0.7892
hitters		0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa		0.8516	0.1484	0.6858	0.2249	0.4240
hiva		0.9480	0.0520	0.5942	0.1875	0.6199
horse		0.5278	0.3148	0.2303	0.0000	0.3606
ht-sensor		0.9828	0.0114	0.9834	0.9742	0.0545
ht-sensor10%		0.9803	0.0131	0.9811	0.9703	0.0607
htru2		0.9765	0.0235	0.9259	0.8464	0.1849
hypothyroid		0.9788	0.0106	0.6636	0.8733	0.0900
hypothyroidT		0.9947	0.0053	0.9811	0.9614	0.0242
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.6667	0.3333	0.5950	0.1818	0.8134
instagram		0.9693	0.0153	0.9694	0.9591	0.0682
ionosphere		0.8286	0.1714	0.8130	0.6209	0.6275
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.3415	0.0507	0.3493	0.3151	0.4880
jm1		0.8136	0.1864	0.6218	0.0957	0.4856
jvowels		0.6616	0.0752	0.6585	0.6168	0.3058
kc1		0.8389	0.1611	0.5687	0.0669	0.5823
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.5385	0.1846	0.2778	0.2200	0.4991
kc1-class-level-top5percentDF		0.8000	0.2000	0.4444	-0.0976	0.5661
kc2		0.8462	0.1538	0.7441	0.4680	0.6202
kdc-4007		0.3491	0.1860	0.4123	0.2416	0.5536
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9972	0.0004	0.8159	0.9952	0.0599
kepler		0.8201	0.1199	0.7862	0.6914	0.2871
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9500	0.0500	0.9467	0.8933	0.2764
krkopt		0.3779	0.0691	0.3434	0.3152	0.4789
krvskp		0.9749	0.0251	0.9752	0.9496	0.1429
la1s-wc		0.6317	0.1228	0.6051	0.5458	0.4375
la2s-wc		0.6291	0.1236	0.6056	0.5443	0.4450
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.2647	0.0639	0.2609	0.2329	0.2132
led24		0.6000	0.0889	0.6202	0.5467	0.2165
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.4065	0.0457	0.4055	0.3827	0.4603
leukemia		0.5714	0.2857	0.6377	0.3824	0.3358
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.3333	0.0889	0.3321	0.2859	0.2679
linkage		1.0000	0.0000	0.9986	0.9971	0.0117
linkage1%		0.9991	0.0009	0.9418	0.8833	0.2702
linkage10%		0.9999	0.0001	0.9964	0.9928	0.0211
liver		0.5000	0.5000	0.5852	0.1269	0.7690
loan		0.9859	0.0141	0.9852	0.9699	0.0723
localization		0.5456	0.0826	0.3853	0.4524	0.5713
localization10%		0.4879	0.0931	0.3082	0.3837	0.6287
lrs		0.6415	0.1024	0.4780	0.5312	0.2590
lung		0.7619	0.0952	0.3355	0.4262	0.1570
lung_discrete		0.5000	0.2000	0.5829	0.3725	0.3089
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8000	0.0800	0.4960	0.5580	0.2428
lung-cancer-harvard2		0.8889	0.1111	0.8615	0.6842	0.5000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2		0.4444	0.1852	0.1481	0.2105	0.2142
machine-failure		0.9255	0.0745	0.9272	0.8494	0.3379
madelon		0.6654	0.3346	0.6963	0.3308	0.7000
magic04		0.8269	0.1731	0.8123	0.5789	0.4665
mammography		0.7604	0.2396	0.7669	0.5245	0.7058
maternal		0.7327	0.1782	0.7560	0.5944	0.4284
messidor		0.5739	0.4261	0.6270	0.2013	0.7798
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.6186	0.6842	0.2394
meter-D		0.7222	0.1389	0.6205	0.6186	0.2472
mfeat-fac		0.6650	0.0670	0.6763	0.6278	0.3013
mfeat-fou		0.4900	0.1020	0.4907	0.4333	0.4125
mfeat-kar		0.5050	0.0990	0.5146	0.4500	0.4149
mfeat-mor		0.5350	0.0930	0.5635	0.4833	0.3099
mfeat-pix		0.6500	0.0700	0.6578	0.6111	0.3308
mfeat-zer		0.3850	0.1230	0.3805	0.3167	0.4609
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.3529	0.2588	0.2249	0.1789	0.4108
mobile		0.0629	0.0335	0.0672	0.0459	0.4364
monks-1		0.8727	0.1273	0.8730	0.7455	0.5039
monks-2		0.9508	0.0492	0.9452	0.8898	0.2625
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.3000	0.1273	0.3012	0.1744	0.6219
musk		0.9348	0.0652	0.8673	0.7017	0.2187
MUT_ci300400a_cdk_ECFP2		0.6787	0.3213	0.7280	0.3941	0.6628
MUT_ci300400a_cdk_ECFP4		0.7473	0.2527	0.7674	0.5075	0.6736
MUT_ci300400a_cdk_ECFP6		0.6946	0.3054	0.7411	0.4220	0.6469
MUT_ci300400a_cdk_ESTATE		0.7230	0.2770	0.7501	0.4651	0.6855
MUT_ci300400a_cdk_EXTENDED		0.7638	0.2362	0.7889	0.5421	0.6172
MUT_ci300400a_cdk_FCFP2		0.7102	0.2898	0.7450	0.4452	0.6739
MUT_ci300400a_cdk_FCFP4		0.7422	0.2578	0.7634	0.4983	0.6776
MUT_ci300400a_cdk_FCFP6		0.7122	0.2878	0.7457	0.4483	0.6763
MUT_ci300400a_cdk_MACCS		0.7854	0.2146	0.7988	0.5775	0.6317
MUT_ci300400a_cdk_PUBCHEM		0.8024	0.1976	0.8066	0.6047	0.6390
MUT_ci300400a_cdk_STANDARD		0.7150	0.2850	0.7516	0.4552	0.6567
MUT_ci300400a_rdkit_descriptors		0.8008	0.1992	0.8087	0.6047	0.6267
myocardial		0.7941	0.0515	0.3501	0.3540	0.4270
naticusdroid		0.9611	0.0389	0.9615	0.9223	0.2118
NCI60		1.0000	0.0000	1.0000	1.0000	0.0000
nci9		0.3333	0.2222	0.2857	0.2000	0.2042
ncRNA		0.8954	0.0110	0.5851	0.7391	0.7334
ncRNA1%		0.8213	0.0188	0.2391	0.5525	0.9128
ncRNA10%		0.8708	0.0136	0.4817	0.6819	0.9208
neo		0.9122	0.0878	0.6770	0.2196	0.3867
new-thyroid		0.9524	0.0317	0.9026	0.8939	0.0573
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.3130	0.0312	0.2930	0.2950	0.4974
newspop		0.5906	0.4094	0.6257	0.2073	0.8038
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9364	0.0636	0.9218	0.8346	0.2411
NPHA-doctor-visits		0.2917	0.4722	0.2272	-0.1551	0.5730
nursery		0.9637	0.0181	0.9417	0.9470	0.1049

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9883	0.0117	0.9835	0.9669	0.0931
Occupancy_Estimation		0.9931	0.0035	0.9763	0.9789	0.0155
oh0-wc		0.6139	0.0772	0.6448	0.5583	0.2908
oh10-wc		0.5429	0.0914	0.5177	0.4778	0.3878
oh15-wc		0.5109	0.0978	0.5254	0.4450	0.3909
oh5-wc		0.6154	0.0769	0.6446	0.5647	0.3511
ohscal-wc		0.4606	0.1079	0.4602	0.3987	0.5558
olive		0.8421	0.0351	0.7752	0.8042	0.1240
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9075	0.0925	0.5964	0.1269	0.5487
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.5961	0.0808	0.6085	0.5518	0.3297
optdigitsZ		0.9751	0.0249	0.9339	0.8613	0.3705
orl		0.1750	0.0413	0.1273	0.1538	0.1503
orlraws10P		0.3000	0.1400	0.1680	0.2222	0.1932
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr		0.9130	0.0870	0.5732	0.1182	0.6281
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7216	0.2784	0.7323	0.4415	0.7298
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8889	0.1111	0.8945	0.7791	0.4162
p53-mutants		0.9952	0.0048	0.6446	0.2089	0.3604
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9488	0.0205	0.5820	0.6988	0.2157
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8746	0.1254	0.8724	0.7224	0.4847
particle10%		0.8569	0.1431	0.8523	0.6833	0.5335
pasture		0.5000	0.3333	0.5000	0.2000	0.3750
pc1		0.9009	0.0991	0.6073	0.2138	0.6764
pcmac		0.4433	0.5567	0.4946	-0.0072	0.8647
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.8155	0.6190	0.6119
pediatric-leukemia		0.5294	0.1345	0.5415	0.4262	0.3875
pendigits		0.8126	0.0375	0.8164	0.7915	0.1955
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.7778	0.2222	0.7500	0.5000	0.7296
phishing		0.9510	0.0490	0.9486	0.8961	0.2464
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.7312	0.0768	0.7156	0.6855	0.2412
phone-acc1%		0.7133	0.0819	0.7129	0.6647	0.2443
phone-gyr0.1%		0.8406	0.0455	0.8364	0.8133	0.1502
phone-gyr1%		0.8215	0.0510	0.8147	0.7911	0.1893
phone-gyr10%		0.8494	0.0430	0.8466	0.8237	0.1646
phoneme		0.8519	0.1481	0.8103	0.5824	0.4668
phy		0.6582	0.3418	0.6912	0.3142	0.6931
pima		0.6711	0.3289	0.6982	0.3667	0.7647
pirvision		0.9987	0.0009	0.9977	0.9959	0.0038
placement		0.7580	0.2420	0.7625	0.4680	0.5832
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.5639	0.1246	0.1642	0.1661	0.2988
poker10%		0.5518	0.1120	0.1407	0.1268	0.2587
polish-1st		0.9787	0.0213	0.8349	0.6061	0.0714
polish-2nd		0.9685	0.0315	0.7455	0.3245	0.0960
polish-3rd		0.9610	0.0390	0.7278	0.3362	0.2673
polish-4th		0.9602	0.0398	0.7586	0.4625	0.3649
polish-5th		0.9662	0.0338	0.8534	0.6802	0.2489
polya		0.6411	0.3589	0.6998	0.3377	0.6951

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
popularity		0.6000	0.2667	0.4170	0.2390	0.4688
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
postures		0.7828	0.0869	0.7911	0.7283	0.2325
pred-tox_mutagen_ref-desc		0.7059	0.2941	0.7340	0.4118	0.6570
prestige		0.5556	0.2963	0.6844	0.3793	0.3611
primary-tumor		0.2424	0.1166	0.1750	0.1658	0.4086
processed		1.0000	0.0000	1.0000	1.0000	0.0000
profb		0.6716	0.3284	0.6857	0.3466	0.7762
promoters		0.8000	0.2000	0.7917	0.5833	0.6737
prostate		1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE		0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio		0.9125	0.0350	0.8554	0.8827	0.1565
puc-rio10%		0.8696	0.0521	0.7843	0.8252	0.1998
pufs-1281%		0.4983	0.5017	0.4965	-0.0030	0.7868
pufs-12810%		0.5003	0.4997	0.5009	0.0006	0.7511
pufs-641%		0.4996	0.5004	0.4983	-0.0015	0.7962
pufs-6410%		0.5019	0.4981	0.5034	0.0033	0.8074
pulsar		0.9777	0.0223	0.9303	0.8521	0.1126
raisin		0.8444	0.1556	0.8533	0.6889	0.5001
re0-wc		0.4600	0.0831	0.2984	0.3620	0.5707
re1-wc		0.4458	0.0443	0.2843	0.4006	0.4420
rejafada		1.0000	0.0000	1.0000	1.0000	0.0000
relathe		1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578		0.5506	0.0187	0.1126	0.3574	0.3514
rice		0.9824	0.0176	0.9823	0.9644	0.1090
rnaseq		0.9625	0.0150	0.9440	0.9502	0.0485
rocket		0.6154	0.3846	0.6746	0.2870	0.7235
RT_IOT2022		0.9942	0.0010	0.8103	0.9855	0.0267
satimage		0.7729	0.0757	0.7429	0.7224	0.2835
satimageF		0.9798	0.0202	0.9461	0.8881	0.1227
satimageT		0.8958	0.1042	0.8127	0.5832	0.5688
scadi		0.5714	0.1714	0.5647	0.4474	0.2231
schiller		0.5556	0.4444	0.3571	-0.2857	0.9011
schizo		0.5588	0.4412	0.5700	0.1176	0.8809
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.9423	0.0577	0.7022	0.1722	0.1514
secondary_mushroom		0.9943	0.0057	0.9942	0.9884	0.0405
seeds		0.9048	0.0635	0.9077	0.8571	0.1773
segment		0.8745	0.0359	0.8823	0.8536	0.1299
segmentation		0.7475	0.2525	0.7159	0.3740	0.6472
segmentO		0.9957	0.0043	0.9916	0.9830	0.0885
seismic		0.9341	0.0659	0.4830	0.0000	0.1661
semeion		0.9748	0.0252	0.9351	0.8683	0.3377
sens-1-gram		0.8658	0.1342	0.4640	-0.0052	0.3810
sens-10-gram		0.8635	0.1365	0.5497	0.0225	0.4461
sens-2-gram		0.8684	0.1316	0.5897	0.0557	0.4398
sens-3-gram		0.8579	0.1421	0.5100	0.0077	0.5788
sens-4-gram		0.8632	0.1368	0.4633	-0.0102	0.4508
sens-5-gram		0.8684	0.1316	0.5897	0.0557	0.4398
sens-6-gram		0.8579	0.1421	0.5100	0.0077	0.5788
sens-7-gram		0.8684	0.1316	0.5897	0.0557	0.4398
sens-8-gram		0.8763	0.1237	0.6772	0.0998	0.2600
sens-9-gram		0.8711	0.1289	0.6196	0.0615	0.3715
sensorless		0.7841	0.0393	0.7902	0.7625	0.1706
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8865	0.1135	0.7463	0.4326	0.4747
shuttle		0.9986	0.0004	0.9133	0.9961	0.0803
sick		0.9761	0.0239	0.8960	0.7685	0.0796

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9988	0.0012	0.9981	0.9963	0.0115
skin10%			0.9967	0.0033	0.9950	0.9900	0.0263
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smk_can_187			0.6842	0.3158	0.7091	0.3804	0.7358
smoking			0.7901	0.2099	0.7688	0.5137	0.6362
solar-flare			0.7122	0.0959	0.5055	0.6284	0.2503
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.8971	0.0108	0.8592	0.8874	0.0586
spam-detection			0.9520	0.0480	0.8429	0.6763	0.3962
spambase			0.8804	0.1196	0.8822	0.7571	0.4729
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.1346	0.0641	0.0915	0.0976	0.2912
splice-EI			0.9369	0.0631	0.9250	0.8432	0.3707
splice-IE			0.9338	0.0662	0.9159	0.8270	0.3986
sport-articles			0.7700	0.2300	0.7853	0.5447	0.6484
squash-stored			0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored			0.6000	0.4000	0.7059	0.2857	0.5283
steel_industry			0.8699	0.0868	0.8402	0.7838	0.2392
steel-b			0.8718	0.1282	0.7895	0.5246	0.4300
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9795	0.0205	0.9683	0.9347	0.0802
steel-o			0.7897	0.2103	0.7677	0.4743	0.5356
steel-p			0.9026	0.0974	0.7668	0.5074	0.6042
steel-s			0.9744	0.0256	0.8105	0.5351	0.0824
steel-z			0.9692	0.0308	0.9071	0.8069	0.2361
stellar			0.9698	0.0201	0.9648	0.9456	0.0778
stock			0.9861	0.0139	0.9764	0.9516	0.0579
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9860	0.0140	0.9861	0.9718	0.0927
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.5100	0.1960	0.2635	0.2249	0.4392
student-weekend			0.3231	0.2708	0.1942	0.0726	0.6104
student-workday			0.7188	0.1125	0.2528	0.1658	0.3057
studentap			0.5385	0.3077	0.5750	0.2642	0.4771
susy			0.7459	0.2541	0.7667	0.4677	0.5623
susy1%			0.7476	0.2524	0.7669	0.4719	0.5718
susy10%			0.7401	0.2599	0.7633	0.4547	0.5536
swarm_aligned			0.9988	0.0012	0.9985	0.9971	0.0092
swarm_flocking			0.9971	0.0029	0.9971	0.9942	0.0245
swarm_grouped			0.9963	0.0037	0.9960	0.9920	0.0288
tae			0.6000	0.2667	0.6082	0.4000	0.6002
texture			0.7673	0.0423	0.7793	0.7437	0.1981
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8579	0.1421	0.8398	0.6618	0.5646
tis10%			0.8657	0.1343	0.8366	0.6655	0.5768
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1500	0.3636	0.3684	0.1904
tox_171			0.4706	0.2647	0.4819	0.2850	0.4839
toxicity			0.6471	0.3529	0.5858	0.1639	0.8952
toxicity-13f			0.6471	0.3529	0.6136	0.2273	0.8920
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.6829	0.0705	0.4421	0.6138	0.2848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec12-wc			0.6774	0.0806	0.5767	0.6173	0.1886
trec21-wc			0.8485	0.0606	0.6461	0.7199	0.2791
trec23-wc			0.9048	0.0317	0.7916	0.8636	0.0727
trec31-wc			0.9462	0.0179	0.9137	0.9283	0.0998
trec41-wc			0.8750	0.0250	0.6896	0.8475	0.1810
trec45-wc			0.7391	0.0522	0.6338	0.6968	0.2447
tuandromd			0.9821	0.0179	0.9720	0.9424	0.0721
turkish			0.5000	0.2500	0.5318	0.3333	0.5142
tvnews1%			0.8538	0.1462	0.8526	0.6980	0.5474
tvnews10%			0.8234	0.1766	0.8293	0.6424	0.5828
ur3_cobotops_grip			0.9687	0.0313	0.6812	0.0776	0.0951
ur3_cobotops_stop			0.9714	0.0286	0.7544	0.3550	0.0891
urban			0.6119	0.0862	0.6504	0.5552	0.3178
ustilago1%			0.9837	0.0163	0.4959	-0.0079	0.5665
vehicle			0.7500	0.1250	0.7107	0.6537	0.3100
vehicleVAN			0.9524	0.0476	0.9435	0.8806	0.3064
voice			0.7500	0.2500	0.7044	0.4000	0.7643
vote			0.8372	0.1628	0.8377	0.6746	0.5867
vowel			0.4646	0.0973	0.4515	0.4111	0.3719
vowelZ			1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17			0.9093	0.0907	0.6036	0.0106	0.2412
wap-wc			0.3590	0.0641	0.2664	0.2997	0.4906
warpar10p			0.3077	0.1385	0.3231	0.2353	0.2357
warppie10p			0.1905	0.1619	0.1600	0.1008	0.3399
watch-acc1%			0.8142	0.0531	0.8140	0.7828	0.1968
watch-acc10%			0.8388	0.0461	0.8374	0.8115	0.1700
watch-gyr1%			0.8263	0.0496	0.8298	0.7970	0.1697
waveform			0.6780	0.2147	0.6976	0.5159	0.4877
web-phishing			0.7852	0.1432	0.6893	0.6303	0.4935
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9964	0.0014	0.9962	0.9955	0.0103
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9500	0.0250	0.9511	0.9333	0.0822
wilt			0.9772	0.0228	0.8980	0.7881	0.4467
wine			0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red			0.6730	0.1090	0.3287	0.4722	0.4717
winequality-white			0.6196	0.1268	0.4148	0.4182	0.5505
winnipeg10%			0.9310	0.0197	0.8952	0.9131	0.1328
wisc_bc			0.9474	0.0526	0.9443	0.8880	0.2925
yale			0.0625	0.1250	0.0444	0.0000	0.2829
yeast			0.3649	0.1411	0.2820	0.1813	0.3601
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1			0.9662	0.0338	0.8325	0.6004	0.5302
yeastME2			0.9392	0.0608	0.6847	0.3681	0.6156
zip			0.6484	0.0703	0.6358	0.6058	0.3591

Table 34: Detailed results for CUBIST

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2000	0.0762	0.1273	0.1247	0.5791
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9831	0.0169	0.6653	0.2234	0.3263
accident		0.4000	0.6000	0.4000	-0.2000	1.0000
ads		0.9665	0.0335	0.9277	0.8515	0.2217
adult		0.8571	0.1429	0.7919	0.5789	0.6026
advanced-iot		0.9990	0.0003	0.9990	0.9988	0.0025
AID_1431		0.8889	0.1111	0.5429	0.0745	0.6933
AID_1431_KlekotaRothFingerprinter		0.8730	0.1270	0.5243	0.0464	0.7227
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7429	0.2571	0.5381	0.0756	0.8333
AID_602330		0.9479	0.0521	0.6318	0.2593	0.6128
AID_652128		0.8586	0.0943	0.3633	0.1661	0.3912
AID1284Morered		0.8889	0.1111	0.7677	0.5355	0.6242
AID1284red		0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered		0.8447	0.1553	0.4579	-0.0828	0.6424
AID1608red		0.8932	0.1068	0.4718	-0.0559	0.6716
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604		0.9993	0.0007	0.9491	0.8982	0.2402
AID604AID644_AllRed		0.9988	0.0012	0.6219	0.2217	0.4869
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.6429	0.2857	0.8453
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.5303	0.0526	0.7987
AID721red		0.5556	0.4444	0.5303	0.0526	0.7987
AID746AID1284red		0.9987	0.0013	0.4997	-0.0005	0.5055
AID746red		0.9935	0.0065	0.5782	0.0912	0.3851
aids		0.8545	0.1455	0.7948	0.5868	0.6106
air_pollution		0.4000	0.1714	0.0818	-0.0063	0.3900
airline		0.9580	0.0420	0.9573	0.9143	0.2297
alcohol		0.7714	0.0914	0.4781	0.5061	0.3180
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.9302	0.0698	0.9232	0.8460	0.3456
anneal		0.9888	0.0045	0.9858	0.9759	0.0146
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9597	0.0202	0.9065	0.9242	0.1424
anuran-genus		0.9179	0.0205	0.7674	0.8671	0.2683
anuran-species		0.9361	0.0128	0.8628	0.9114	0.1192
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.8675	0.1325	0.8677	0.7350	0.5169
aps-failure		0.9909	0.0091	0.8606	0.7161	0.3289
arabidopsis0.1%		0.9824	0.0176	0.4955	-0.0089	0.5348
arcene		0.6500	0.3500	0.6284	0.2553	0.8874
arrhythmia		0.6444	0.0711	0.4152	0.4682	0.3417
auction		0.9951	0.0049	0.9889	0.9776	0.0238
audiology		0.7727	0.0413	0.6729	0.7349	0.1003

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0400	0.8752	0.8676	0.0781
avila		0.9813	0.0031	0.9717	0.9758	0.0496
babies		0.3548	0.1843	0.1694	0.0023	0.3113
balance		0.8226	0.1183	0.7121	0.7030	0.3931
bank		0.9087	0.0913	0.7573	0.5122	0.5964
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8502	0.1498	0.8352	0.6679	0.5661
basehock		0.9397	0.0603	0.9401	0.8794	0.2991
bio		0.9970	0.0029	0.9156	0.8312	0.2949
bio10%		0.9938	0.0062	0.8188	0.6369	0.4389
biodeg		0.8952	0.1048	0.8881	0.7746	0.4452
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9847	0.0014	0.1237	0.3508	1.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9854	0.0026	0.2690	0.3484	0.8124
body-perf		0.5851	0.2075	0.6157	0.4468	0.4784
bookings		0.9913	0.0058	0.8144	0.9815	0.0513
brain-tumor		0.5000	0.5000	0.5001	0.0002	0.9992
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.3636	0.6364	0.3446	-0.3051	1.0000
breast-tissue		0.6364	0.1212	0.6655	0.5644	0.2063
bridges		0.8000	0.0667	0.6061	0.7143	0.0753
bub10at310k-hg16-17		0.9107	0.0893	0.6605	0.2849	0.5877
bub12at310k-hg16-17		0.9126	0.0874	0.6638	0.2822	0.5647
bub8at310k-hg16-17		0.9103	0.0897	0.6715	0.3201	0.6077
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9565	0.0435	0.9518	0.9032	0.2392
cancer-uae		0.4150	0.3900	0.3007	-0.0340	0.6589
car		0.9713	0.0144	0.9642	0.9388	0.1024
car-insurance		0.8590	0.1410	0.8374	0.6747	0.5753
card		0.8406	0.1594	0.8373	0.6744	0.5874
cardiotocography		0.8075	0.0385	0.7579	0.7695	0.2637
cardiotocography-nsp		0.9155	0.0563	0.8448	0.7491	0.2653
cardiovascular		0.7403	0.2597	0.7408	0.4805	0.7616
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8750	0.0833	0.8110	0.7674	0.2643
cas_N6512_cdk_ECFP2		0.7404	0.2596	0.7391	0.4782	0.7656
cas_N6512_rdkit_ATOMPAIR		0.7185	0.2815	0.7157	0.4299	0.7948
cas_N6512_RDkit_AtomPair_FP		0.7255	0.2745	0.7240	0.4481	0.7875
cas_N6512_rdkit_AVALON		0.7650	0.2350	0.7637	0.5274	0.7272
cas_N6512_RDkit_Avalon_FP		0.7929	0.2071	0.7926	0.5847	0.6773
cas_N6512_rdkit_descriptors		0.7477	0.2523	0.7461	0.4921	0.7549
cas_N6512_rdkit_FEATMORGAN		0.7389	0.2611	0.7382	0.4760	0.7668
cas_N6512_RDkit_Featmorgan_FP		0.7561	0.2439	0.7541	0.5076	0.7405
cas_N6512_RDkit_FP		0.7209	0.2791	0.7191	0.4381	0.7942
cas_N6512_rdkit_LAYERED		0.7538	0.2462	0.7538	0.5069	0.7424
cas_N6512_RDkit_Layered_FP		0.7485	0.2515	0.7465	0.4928	0.7533
cas_N6512_rdkit_MACCS		0.7757	0.2243	0.7740	0.5452	0.7019
cas_N6512_RDkit_MACCS_FP		0.7914	0.2086	0.7902	0.5804	0.6816
cas_N6512_rdkit_MORGAN		0.7754	0.2246	0.7739	0.5479	0.7099
cas_N6512_RDkit_morgan_FP		0.7791	0.2209	0.7783	0.5565	0.7027

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7646	0.2354	0.7635	0.5270	0.7276
cas_N6512_RDkit_pattern_FP		0.7822	0.2178	0.7816	0.5629	0.6971
cas_N6512_rdkit_RDKITFP		0.7066	0.2934	0.7055	0.4108	0.8128
cas_N6512_rdkit_TORSION		0.7231	0.2769	0.7236	0.4460	0.7866
ccds1%		0.9121	0.0879	0.4770	-0.0452	0.5803
cdc_diabetes		0.8468	0.1022	0.4164	0.1681	0.3151
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7202	0.2798	0.7150	0.4218	0.7763
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9642	0.0358	0.7624	0.5175	0.5013
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.6122	0.0986	0.3549
CDS49_AID687_Rdkit-ecfp4-fp		0.9970	0.0030	0.4992	-0.0010	0.4761
census10%		0.9505	0.0495	0.7342	0.4365	0.4760
central-nervous-system		0.1667	0.8333	0.1429	-0.6667	0.9586
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9651	0.0349	0.8728	0.7101	0.5112
cervical-S		0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia		0.9399	0.0301	0.9250	0.9102	0.1297
chrom19		0.9997	0.0003	0.9154	0.8270	0.1894
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9994	0.0006	0.8218	0.6204	0.2692
chronic-kidney		0.9337	0.0663	0.7177	0.3909	0.4891
churn		0.8420	0.1580	0.7219	0.4050	0.6041
churn-bigml		0.9551	0.0449	0.9068	0.8118	0.3292
ci900367j_MACCS		0.6421	0.3579	0.6198	0.2396	0.8944
circles		0.9960	0.0001	0.9963	0.9960	0.0019
cirrhosis		0.7857	0.1429	0.7009	0.5743	0.4596
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7361	0.1319	0.5121	0.5709	0.3977
climate		0.8519	0.1481	0.5633	0.1220	0.6540
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.8600	0.1400	0.4624	-0.0606	0.7431
cmc		0.4966	0.3356	0.5240	0.2672	0.6662
cnae-9		0.8148	0.0412	0.8280	0.7917	0.1819
codon_usage		0.7483	0.0458	0.6330	0.7029	0.3636
coil20		0.7847	0.0215	0.7857	0.7733	0.1418
college		0.8701	0.1299	0.8363	0.6726	0.5658
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4		0.6897	0.3103	0.5641	0.1212	0.8758
colposcopies-5		0.6897	0.3103	0.4082	-0.1810	0.8560
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.8276	0.1724	0.7767	0.5511	0.6703
column-2c		0.8065	0.1935	0.7786	0.5571	0.6825
column-3c		0.8065	0.1290	0.7703	0.6821	0.3113
connect-4		0.9990	0.0007	0.9811	0.9768	0.0766
cottonmeloidogyne		0.7404	0.2596	0.7412	0.4802	0.7587
coupon		0.7248	0.2752	0.7167	0.4311	0.7880
covid19		0.5235	0.1361	0.2263	0.1536	0.4468
covtype		0.9153	0.0242	0.7845	0.8646	0.2696
covtype10%		0.8208	0.0512	0.6085	0.7155	0.4339
covtypeCD		0.9871	0.0129	0.9725	0.9451	0.1528
covtypeT		0.9826	0.0174	0.9347	0.8690	0.3051
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9994	0.0006	0.8995	0.7904	0.1720

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans10%		0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced		0.8719	0.0427	0.7209	0.7470	0.3012
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.1875	0.0508	0.1318	0.1613	0.1505
customer-churn		0.9844	0.0156	0.7689	0.5112	0.3868
cybersecurity		0.1700	0.2767	0.0850	0.0018	0.5215
cyclopentane		0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands		0.7222	0.2778	0.7345	0.4534	0.7458
darwin		0.7778	0.2222	0.7778	0.5556	0.7044
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8217	0.1783	0.7058	0.3807	0.6567
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8985	0.1015	0.7334	0.4624	0.6199
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8919	0.0360	0.8908	0.8645	0.0956
desharnais		0.5000	0.3333	0.4553	0.2381	0.3542
dexter		0.9500	0.0500	0.9503	0.9000	0.2614
df_final		0.5000	0.3333	0.5269	0.2289	0.5825
DIA		0.7500	0.2500	0.6300	0.2500	0.8063
diabetes		0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k		0.9694	0.0306	0.8943	0.7661	0.1206
diabetes-risk		0.9191	0.0809	0.8734	0.7454	0.4438
diabetic1%		0.5588	0.2941	0.3411	0.0895	0.4643
diabetic10%		0.5511	0.2993	0.3956	0.1633	0.6251
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7341	0.1063	0.7278	0.6307	0.3687
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.5000	0.5000	0.4507	-0.0909	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dota2		0.5677	0.4323	0.5624	0.1197	0.9416
dota210%		0.5369	0.4631	0.5372	0.0743	0.9753
drebin		0.9834	0.0166	0.9822	0.9643	0.1199
dropout		0.6975	0.2017	0.5742	0.4682	0.5198
drug-01		0.2500	0.2143	0.1183	-0.0177	0.4802
drug-02		0.4202	0.1657	0.1390	0.1051	0.4393
drug-03		0.6223	0.1259	0.1511	0.0455	0.4121
drug-04		0.4628	0.1535	0.1342	0.1104	0.3955
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2128	0.2249	0.2053	0.0763	0.6343
drug-07		0.4309	0.1897	0.1004	0.0000	0.2655
drug-08		0.4096	0.1687	0.1644	0.1266	0.4321
drug-09		0.8245	0.0585	0.2082	0.1165	0.6334
drug-10		0.3777	0.1778	0.1575	0.1249	0.5760
drug-11		0.8138	0.0532	0.1487	0.0919	0.5092
drug-12		0.7872	0.0709	0.1820	0.0280	0.2657
drug-13		0.4734	0.1505	0.2113	0.2439	0.4750
drug-14		0.5053	0.1413	0.2278	0.2359	0.6095
drug-15		0.6809	0.0912	0.1789	0.1570	0.7576
drug-16		0.5479	0.1507	0.3226	0.3433	0.4872
drug-17		0.3617	0.1824	0.1326	0.1012	0.4384
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7021	0.0851	0.1432	-0.0012	0.4789

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drybean		0.8868	0.0323	0.8832	0.8637	0.2004
ecoli		0.7059	0.0980	0.4490	0.5823	0.2574
ecoliCP-IM		0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.9091	0.0909	0.6822	0.3529	0.6260
ecommerce		0.2700	0.3650	0.1780	0.0267	0.5649
eeg		0.2572	0.0929	0.2383	0.1871	0.7017
eeg-eye		0.9232	0.0768	0.9225	0.8442	0.3543
eeg10%		0.1963	0.1005	0.1635	0.1261	0.7333
email_phishing		0.9882	0.0118	0.6994	0.2220	0.1559
eucalyptus		0.4384	0.2247	0.4530	0.3062	0.5394
euthyroid		0.9652	0.0348	0.8979	0.7944	0.3409
exon.vs.intron-freq10%		0.9514	0.0486	0.9513	0.9025	0.2594
fakenews		0.5175	0.4825	0.5176	0.0352	0.9894
fbis-wc		0.5244	0.0560	0.4640	0.4699	0.4645
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.8039	0.1961	0.8233	0.5880	0.4125
financial-risk		0.8835	0.0388	0.6786	0.8147	0.2139
fishcatch		0.8125	0.0625	0.8387	0.7681	0.1512
flags		0.4500	0.1571	0.2697	0.2903	0.3611
fonts10%		0.2266	0.0101	0.0483	0.2059	0.9833
forest		0.8846	0.0577	0.8877	0.8397	0.1789
gas		0.9792	0.0069	0.9782	0.9747	0.0483
gastrointestinal		0.8125	0.1250	0.8180	0.6863	0.3242
gender		0.5874	0.2751	0.4381	0.1061	0.5645
gene		0.8959	0.0694	0.8882	0.8339	0.2816
german		0.6700	0.3300	0.6174	0.2290	0.8734
gestures		0.6652	0.1674	0.6790	0.5537	0.4324
gina		0.8588	0.1412	0.8594	0.7178	0.5364
gisette		0.9343	0.0657	0.9343	0.8686	0.3234
glass		0.7619	0.0794	0.7199	0.6667	0.2037
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.9524	0.0476	0.9529	0.9014	0.2404
glassBWNFP		0.6667	0.3333	0.6687	0.3226	0.8108
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.7619	0.2381	0.4324	-0.0825	0.3983
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.8750	0.1250	0.8730	0.7143	0.4644
glioma		0.6000	0.2667	0.6667	0.4118	0.3599
glioma-grade		0.8690	0.1310	0.8660	0.7317	0.5218
green		0.8000	0.2000	0.8276	0.6000	0.5000
grub-damage		0.0667	0.4667	0.0333	-0.2727	0.5499
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9222	0.0130	0.6444	0.9080	0.1141
har		0.9771	0.0092	0.9753	0.9710	0.0557
har70		0.8352	0.0471	0.5521	0.7680	0.3851
har701%		0.8456	0.0441	0.5443	0.7799	0.3927
har7010%		0.8659	0.0383	0.5439	0.8071	0.3815
harth1%		0.7977	0.0337	0.4591	0.7266	0.3113
harth10%		0.8176	0.0304	0.4947	0.7526	0.2892
hayes-roth		0.6875	0.2083	0.7348	0.5031	0.4033
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7264	0.4392	0.7429

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-attack		0.8387	0.1613	0.8466	0.6804	0.5410
heart-c		0.8000	0.2000	0.7991	0.5982	0.6654
heart-failure		0.9800	0.0200	0.9767	0.9531	0.1216
heart-quantum		0.8600	0.1400	0.8557	0.7107	0.5461
hepatitis		0.9333	0.0667	0.8929	0.7619	0.1858
hepmass1%		0.8459	0.1541	0.8466	0.6919	0.5652
hepmass10%		0.8578	0.1422	0.8584	0.7158	0.5380
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%		0.6527	0.3473	0.6512	0.3025	0.8778
higgs1%		0.6883	0.3117	0.6862	0.3719	0.8360
higgs10%		0.7127	0.2873	0.7115	0.4230	0.8049
higher		0.2857	0.1786	0.2141	0.1860	0.2784
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa		0.9039	0.0961	0.8132	0.6056	0.4602
hiva		0.9527	0.0473	0.6056	0.2070	0.6124
horse		0.5278	0.3148	0.3489	0.1356	0.5550
hotel-reservartions		0.8873	0.1127	0.8697	0.7365	0.4744
hr		0.8351	0.1649	0.5781	0.1451	0.7486
ht-sensor		0.9998	0.0001	0.9998	0.9998	0.0011
ht-sensor10%		0.9984	0.0011	0.9984	0.9976	0.0084
htru2		0.9804	0.0196	0.9396	0.8782	0.2211
hypothyroid		0.9814	0.0093	0.7134	0.8879	0.1168
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.6949	0.3051	0.6020	0.2003	0.8649
immuno-therapy		0.6667	0.3333	0.5950	0.1818	0.8134
instagram		0.9727	0.0137	0.9730	0.9636	0.0580
ionosphere		0.8000	0.2000	0.7742	0.5471	0.6923
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.4467	0.0426	0.4598	0.4246	0.4363
jm1		0.8191	0.1809	0.6417	0.2126	0.6279
jvowels		0.8253	0.0388	0.8195	0.8020	0.2258
kc1		0.8246	0.1754	0.6467	0.2918	0.7451
kc1-class-level-defectiveornot		0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect		0.3846	0.2462	0.1176	-0.1304	0.5662
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7692	0.2308	0.6307	0.2589	0.7987
kddcup981%		0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup991%		0.9962	0.0006	0.8109	0.9935	0.0544
kepler		0.8264	0.1158	0.7884	0.7012	0.2951
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9500	0.0500	0.9467	0.8933	0.2764
krkopt		0.6061	0.0438	0.5447	0.5632	0.3629
krvskp		0.9937	0.0063	0.9937	0.9874	0.0522
la2s-wc		0.6722	0.1093	0.6307	0.5905	0.4712
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.2647	0.0639	0.2809	0.2342	0.2058
led24		0.6500	0.0778	0.6377	0.6034	0.1894
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.6200	0.0292	0.6220	0.6047	0.3627
leukemia		0.5714	0.2857	0.6377	0.3824	0.3358
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.3611	0.0852	0.3610	0.3134	0.2617
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.9999	0.0001	0.9964	0.9928	0.0211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
liver		0.6765	0.3235	0.6049	0.2043	0.8743
loan		0.9906	0.0094	0.9900	0.9800	0.0680
localization		0.5679	0.0786	0.3632	0.4696	0.5843
localization10%		0.4860	0.0934	0.3172	0.3702	0.6723
lrs		0.8679	0.0377	0.7122	0.8152	0.0939
lung		0.7619	0.0952	0.4362	0.4928	0.2673
lung_discrete		0.6250	0.1500	0.7000	0.5200	0.2500
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.8000	0.0800	0.4499	0.5855	0.2187
lung-cancer-harvard2		0.8889	0.1111	0.8615	0.6842	0.5000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2		0.5556	0.1481	0.3333	0.4000	0.1553
machine-failure		0.9149	0.0851	0.9121	0.8234	0.3843
madelon		0.7577	0.2423	0.7590	0.5154	0.7304
magic04		0.8564	0.1436	0.8401	0.6787	0.5584
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8128	0.6206	0.6242
marketing		0.8616	0.1384	0.6935	0.3791	0.6774
maternal		0.7921	0.1386	0.8030	0.6833	0.3824
math		0.8250	0.0875	0.7871	0.7300	0.3017
mba		0.8371	0.1086	0.4186	0.2178	0.3633
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1933	0.3227	0.0648	0.0000	0.4030
messidor		0.6870	0.3130	0.6916	0.3774	0.8195
meter-A		0.6250	0.3750	0.6291	0.2500	0.8686
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.6186	0.6842	0.2394
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.8250	0.0350	0.8339	0.8056	0.1881
mfeat-fou		0.5950	0.0810	0.5954	0.5500	0.3804
mfeat-kar		0.6100	0.0780	0.6171	0.5667	0.4010
mfeat-mor		0.5950	0.0810	0.6243	0.5500	0.2577
mfeat-pix		0.7650	0.0470	0.7735	0.7389	0.2548
mfeat-zer		0.4850	0.1030	0.4749	0.4278	0.4340
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.3529	0.2588	0.2435	0.1789	0.3842
mobile		0.0769	0.0330	0.0844	0.0602	0.4315
monks-1		0.8727	0.1273	0.8730	0.7455	0.5039
monks-2		0.9508	0.0492	0.9464	0.8923	0.2857
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.2483	0.1367	0.3109	0.1420	0.6187
musk		0.9712	0.0288	0.9434	0.8828	0.1605
MUT_ci300400a_cdk_ECFP2		0.7974	0.2026	0.7925	0.5848	0.6751
MUT_ci300400a_cdk_ECFP4		0.8000	0.2000	0.7958	0.5911	0.6695
MUT_ci300400a_cdk_ECFP6		0.7689	0.2311	0.7620	0.5240	0.7256
MUT_ci300400a_cdk_ESTATE		0.7734	0.2266	0.7649	0.5284	0.7153
MUT_ci300400a_cdk_EXTENDED		0.8189	0.1811	0.8158	0.6309	0.6316
MUT_ci300400a_cdk_FCFP2		0.8072	0.1928	0.8002	0.5993	0.6536
MUT_ci300400a_cdk_FCFP4		0.7518	0.2482	0.7470	0.4935	0.7503
MUT_ci300400a_cdk_FCFP6		0.7734	0.2266	0.7688	0.5372	0.7160
MUT_ci300400a_cdk_MACCS		0.8082	0.1918	0.8023	0.6045	0.6551
MUT_ci300400a_cdk_PUBCHEM		0.8263	0.1737	0.8204	0.6403	0.6165

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_STANDARD		0.8132	0.1868	0.8070	0.6138	0.6446
MUT_ci300400a_rdkit_descriptors		0.8095	0.1905	0.8045	0.6088	0.6503
myocardial		0.7647	0.0588	0.1891	0.2362	0.5510
naticusdroid		0.9703	0.0297	0.9703	0.9407	0.1802
NCI60		0.6667	0.1111	0.6222	0.6000	0.1039
nci9		0.3333	0.2222	0.3333	0.2000	0.2651
ncRNA1%		0.8406	0.0168	0.2931	0.6043	0.8261
ncRNA10%		0.8711	0.0136	0.5075	0.6914	0.9449
neo		0.9149	0.0851	0.7087	0.3873	0.5564
new-thyroid		0.9524	0.0317	0.9026	0.8939	0.0573
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6408	0.3592	0.6376	0.2736	0.8883
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9594	0.0406	0.9502	0.9004	0.2578
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.9846	0.0077	0.9703	0.9774	0.0556
obesity		0.9194	0.0230	0.9224	0.9059	0.1017
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9927	0.0073	0.9898	0.9796	0.0863
Occupancy_Estimation		0.9931	0.0035	0.9764	0.9789	0.0152
oh0-wc		0.6436	0.0713	0.5524	0.5869	0.2871
oh10-wc		0.5810	0.0838	0.5902	0.5209	0.3539
oh15-wc		0.6413	0.0717	0.6062	0.5895	0.3035
oh5-wc		0.6044	0.0791	0.6044	0.5520	0.3624
olive		0.8421	0.0351	0.8024	0.7991	0.1325
opn310k		0.9100	0.0900	0.6569	0.2773	0.5903
opn310k10%		0.8999	0.1001	0.6136	0.2075	0.6554
opnat310k-hg16-17		0.9108	0.0892	0.6596	0.2808	0.5836
optdigits		0.7544	0.0491	0.7593	0.7271	0.2680
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.1500	0.0425	0.1169	0.1282	0.1610
orlraws10P		0.6000	0.0800	0.5455	0.5556	0.0990
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9447	0.0553	0.6368	0.2715	0.6070
ozone8hr		0.8854	0.1146	0.5036	0.0068	0.7093
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7732	0.2268	0.7580	0.5127	0.7218
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8968	0.1032	0.8996	0.7943	0.4192
p53-mutants10%		0.9904	0.0096	0.4976	-0.0043	0.4048
page-blocks		0.9744	0.0102	0.8596	0.8573	0.3224
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.8863	0.1137	0.8783	0.7560	0.4776
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.9250	0.0750	0.9072	0.8143	0.3986
particle10%		0.8954	0.1046	0.8701	0.7401	0.4916
pasture		0.5000	0.3333	0.5000	0.2000	0.3750
pc1		0.9189	0.0811	0.6396	0.2671	0.6352
pcmac		0.5309	0.4691	0.4247	-0.0837	0.9075
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8684	0.1316	0.8313	0.6610	0.5822
pediatric-leukemia		0.5000	0.1429	0.5120	0.3858	0.4064
pendigits		0.9081	0.0184	0.9112	0.8978	0.1264
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.7778	0.2222	0.7500	0.5000	0.7296
persistency		0.7755	0.2245	0.7568	0.5119	0.7196
pet-adoption		0.9350	0.0650	0.9263	0.8477	0.2815
phishing		0.9510	0.0490	0.9485	0.8968	0.2646
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.7940	0.0588	0.7910	0.7590	0.2084

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
phone-acc1%		0.9091	0.0260	0.9032	0.8937	0.1076
phone-acc10%		0.9073	0.0265	0.9027	0.8917	0.0976
phone-gyr0.1%		0.8485	0.0433	0.8426	0.8227	0.1880
phone-gyr1%		0.9391	0.0174	0.9342	0.9288	0.0812
phone-gyr10%		0.9507	0.0141	0.9462	0.9424	0.0633
phoneme		0.8852	0.1148	0.8576	0.7150	0.5180
phy		0.7052	0.2948	0.7052	0.4104	0.8143
pima		0.7105	0.2895	0.6923	0.3323	0.7052
pirvision		0.9987	0.0009	0.9977	0.9959	0.0038
plant-growth		0.7368	0.2632	0.7531	0.4809	0.6961
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.6700	0.0733	0.2043	0.3857	0.2511
poker1%		0.5639	0.1246	0.1691	0.1959	0.3034
poker10%		0.6214	0.0947	0.1845	0.2945	0.3043
polish-1st		0.9787	0.0213	0.8343	0.6409	0.2699
polish-2nd		0.9715	0.0285	0.7707	0.4421	0.1949
polish-3rd		0.9619	0.0381	0.7518	0.4815	0.4652
polish-4th		0.9653	0.0347	0.8025	0.5873	0.4043
polish-5th		0.9645	0.0355	0.8579	0.7152	0.4280
polya		0.7438	0.2562	0.7137	0.4244	0.7750
popularity		0.6545	0.2303	0.4024	0.1733	0.5140
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
postures		0.9598	0.0161	0.9598	0.9497	0.0891
pred-tox_mutagen_ref-desc		0.6618	0.3382	0.6618	0.3235	0.8668
prestige		0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor		0.2424	0.1166	0.2147	0.1709	0.3932
processed		1.0000	0.0000	1.0000	1.0000	0.0000
profb		0.7015	0.2985	0.6240	0.2136	0.7942
promoters		0.8000	0.2000	0.7917	0.5833	0.6737
prostate		0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE		1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio		0.9804	0.0078	0.9665	0.9737	0.0590
puc-rio10%		0.9439	0.0225	0.9038	0.9246	0.1273
pufs-1281%		0.4955	0.5045	0.4955	-0.0090	1.0000
pufs-641%		0.4879	0.5121	0.4879	-0.0241	1.0000
pufs-6410%		0.4963	0.5038	0.4962	-0.0075	1.0000
pulsar		0.9832	0.0168	0.9484	0.8932	0.1201
raisin		0.8556	0.1444	0.8563	0.7111	0.5413
re0-wc		0.5333	0.0718	0.4219	0.4377	0.4725
re1-wc		0.5964	0.0323	0.3899	0.5547	0.3404
rejafada		1.0000	0.0000	1.0000	1.0000	0.0000
relathe		1.0000	0.0000	1.0000	1.0000	0.0000
rice		0.9857	0.0143	0.9856	0.9711	0.0986
rnaseq		0.9250	0.0300	0.9166	0.8991	0.0902
rocket		0.6865	0.3135	0.6785	0.3567	0.8400
RT_IOT2022		0.9956	0.0007	0.8993	0.9890	0.0314
satimage		0.8165	0.0612	0.7772	0.7744	0.2747
satimageF		0.9891	0.0109	0.9718	0.9435	0.1479
satimageT		0.9362	0.0638	0.8064	0.6031	0.4755
scadi		0.5714	0.1714	0.5647	0.4474	0.2231
schiller		0.5556	0.4444	0.3571	-0.2857	0.9011
schizo		0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.8974	0.1026	0.5290	0.0574	0.6839
secondary_mushroom		0.9993	0.0007	0.9993	0.9987	0.0077
seeds		0.9524	0.0317	0.9553	0.9286	0.0868
segment		0.9481	0.0148	0.9522	0.9393	0.0680
segmentation		0.7277	0.2723	0.7042	0.4083	0.7982

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
segmentO			0.9870	0.0130	0.9739	0.9476	0.1291
seismic			0.9109	0.0891	0.6064	0.2111	0.6665
semeion			0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram			0.8395	0.1605	0.5406	0.0683	0.7416
sens-2-gram			0.8289	0.1711	0.5478	0.0892	0.7653
sens-3-gram			0.8105	0.1895	0.5476	0.0940	0.7763
sensorless			0.9860	0.0025	0.9860	0.9846	0.0268
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8938	0.1062	0.7804	0.5551	0.5756
shuttle			0.9993	0.0002	0.9206	0.9981	0.0383
sick			0.9867	0.0133	0.9442	0.8819	0.0504
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9997	0.0003	0.9995	0.9990	0.0076
skin10%			0.9980	0.0020	0.9969	0.9938	0.0201
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.7368	0.2632	0.7531	0.4809	0.6961
smoking			0.8091	0.1909	0.7941	0.5881	0.6637
soil_pollution			0.2000	0.3200	0.0667	0.0000	0.4020
solar-flare			0.6763	0.1079	0.5383	0.5886	0.2206
sonar			0.5500	0.4500	0.5525	0.1000	0.9473
soybean			0.9118	0.0093	0.9013	0.9031	0.0464
spam-detection			0.9485	0.0515	0.8478	0.6955	0.4875
spambase			0.9196	0.0804	0.9156	0.8310	0.3774
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.9143	0.0857	0.8928	0.7835	0.4068
spectrometer			0.0769	0.0684	0.0678	0.0337	0.3254
splice-EI			0.9432	0.0568	0.9271	0.8532	0.3546
splice-IE			0.9085	0.0915	0.8752	0.7502	0.4814
sport-articles			0.7300	0.2700	0.7121	0.4241	0.7916
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.4000	0.7059	0.2857	0.5283
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9070	0.0620	0.8830	0.8487	0.2192
steel-b			0.8974	0.1026	0.8349	0.6540	0.4521
steel-d			0.9949	0.0051	0.9553	0.9065	0.0226
steel-k			0.9795	0.0205	0.9682	0.9359	0.1450
steel-o			0.8103	0.1897	0.7904	0.5808	0.6667
steel-p			0.9179	0.0821	0.6790	0.3432	0.6100
steel-s			0.9897	0.0103	0.9348	0.8697	0.2729
steel-z			0.9846	0.0154	0.9554	0.9104	0.1831
stellar			0.9778	0.0148	0.9742	0.9605	0.0828
stock			0.9931	0.0069	0.9882	0.9762	0.0333
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0362
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.5850	0.1660	0.3441	0.3651	0.4486
student-depression			0.8244	0.1756	0.8177	0.6338	0.6173
student-habits			0.3600	0.2560	0.1059	0.0000	0.3283
student-weekend			0.2615	0.2954	0.2258	0.0456	0.6422
student-workday			0.6719	0.1313	0.2388	0.1734	0.6316
studentap			0.6154	0.2564	0.6527	0.3868	0.4606
susy1%			0.7796	0.2204	0.7780	0.5511	0.6891
susy10%			0.7918	0.2082	0.7907	0.5759	0.6643
swarm_aligned			0.9996	0.0004	0.9995	0.9990	0.0035
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			0.9988	0.0012	0.9987	0.9973	0.0130
tae			0.4667	0.3556	0.4714	0.2000	0.5930

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
telco-churn			0.8864	0.1136	0.8499	0.6974	0.5079
texture			0.8345	0.0301	0.8416	0.8177	0.1912
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.6224	0.2389	0.7461
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe			0.9579	0.0421	0.9527	0.9043	0.2230
tis			0.9043	0.0957	0.8676	0.7327	0.4609
tis10%			0.8731	0.1269	0.8274	0.6547	0.5713
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1500	0.3200	0.4545	0.1458
tox_171			0.5882	0.2059	0.5957	0.4465	0.4566
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.6136	0.2273	0.8920
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5352	0.0530	0.8089
trec11-wc			0.6341	0.0813	0.4103	0.5553	0.3219
trec12-wc			0.8387	0.0403	0.7733	0.8067	0.1190
trec21-wc			0.8182	0.0727	0.6718	0.6759	0.2846
trec23-wc			0.9524	0.0159	0.8192	0.9327	0.0270
trec31-wc			0.9462	0.0179	0.9398	0.9292	0.1191
trec41-wc			0.8636	0.0273	0.6818	0.8340	0.1585
trec45-wc			0.6667	0.0667	0.5774	0.6120	0.2492
tuandromd			0.9865	0.0135	0.9793	0.9586	0.1449
turkish			0.6500	0.1750	0.6527	0.5333	0.4415
tvnews1%			0.8692	0.1308	0.8638	0.7252	0.5268
tvnews10%			0.8820	0.1180	0.8723	0.7442	0.4938
ur3_cobotops_grip			0.9701	0.0299	0.7142	0.4068	0.4929
ur3_cobotops_stop			0.9714	0.0286	0.7735	0.5388	0.4748
urban			0.7463	0.0564	0.6835	0.7030	0.2301
urinalysis			0.9371	0.0629	0.6841	0.3669	0.6148
vehicle			0.7500	0.1250	0.7014	0.6598	0.2765
vehicleVAN			0.9524	0.0476	0.9365	0.8730	0.3040
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.8372	0.1628	0.8377	0.6746	0.5867
vowel			0.4848	0.0937	0.4944	0.4333	0.3581
vowelZ			1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17			0.9179	0.0821	0.6807	0.2855	0.4837
wap-wc			0.4231	0.0577	0.2984	0.3660	0.4515
warpar10p			0.3846	0.1231	0.3535	0.3158	0.1893
warppie10p			0.3333	0.1333	0.2846	0.2557	0.3133
watch-acc			0.9994	0.0002	0.9993	0.9993	0.0021
watch-acc1%			0.9706	0.0084	0.9700	0.9656	0.0565
watch-acc10%			0.9968	0.0009	0.9968	0.9963	0.0089
watch-gyr			0.9995	0.0001	0.9995	0.9995	0.0016
watch-gyr1%			0.9704	0.0085	0.9698	0.9654	0.0564
watch-gyr10%			0.9973	0.0008	0.9972	0.9968	0.0079
water_pollution			0.2833	0.3583	0.2500	0.0405	0.6134
waveform			0.7240	0.1840	0.7305	0.5854	0.5110
weather-related			0.9173	0.0150	0.9047	0.9064	0.1144
web-phishing			0.8741	0.0840	0.8366	0.7757	0.3683
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9987	0.0005	0.9987	0.9984	0.0045
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9876	0.0124	0.9307	0.8572	0.1649
wine			0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red			0.6667	0.1111	0.3265	0.4759	0.4972
winequality-white			0.6217	0.1261	0.4283	0.4430	0.5890

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
winnipeg10%			0.9748	0.0072	0.9585	0.9682	0.0616
wisc_bc			0.9649	0.0351	0.9643	0.9261	0.2027
yale			0.1250	0.1167	0.1143	0.0628	0.2576
yeast			0.5135	0.1081	0.4038	0.3704	0.3526
yeastCYT-POX			0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC			0.9662	0.0338	0.7155	0.4272	0.5783
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9527	0.0473	0.6808	0.3410	0.5495
zip			0.7688	0.0462	0.7565	0.7406	0.2893

Table 35: Detailed results for DECT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1607	0.0579	0.0850	0.0736	0.5056
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9825	0.0175	0.6369	0.1474	0.3020
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9573	0.0427	0.9076	0.7972	0.1300
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7778	0.2222	0.4375	-0.1163	0.8180
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.7000	0.3000	0.6098	0.2105	0.8520
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.9014	0.0986	0.8625	0.6952	0.3154
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.9392	0.0608	0.9381	0.8757	0.3022
alcohol		0.7714	0.0914	0.4165	0.3703	0.1897
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.9535	0.0465	0.9491	0.8964	0.2299
anneal		0.9663	0.0135	0.9195	0.9277	0.1535
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.8915	0.0542	0.7768	0.7923	0.2950
anuran-genus		0.8484	0.0379	0.6885	0.7325	0.2687
anuran-species		0.8806	0.0239	0.7861	0.8319	0.1894
anxiety		0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality		0.7375	0.2625	0.7495	0.4750	0.7014
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.5500	0.4500	0.5410	0.0816	0.9582
arrhythmia		0.7111	0.0444	0.3821	0.5312	0.1938
auction		0.9804	0.0196	0.9549	0.9088	0.1707
audiology		0.7826	0.0181	0.2601	0.7467	0.0441
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7000	0.1000	0.6161	0.6066	0.2241
avila		0.9995	0.0001	0.9977	0.9994	0.0017
babies		0.4839	0.1475	0.1583	0.1790	0.3713

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
balance		0.7903	0.1398	0.5437	0.6049	0.3448
bank		0.9160	0.0840	0.7692	0.5313	0.5573
banknote		0.8905	0.1095	0.8901	0.7794	0.4599
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8203	0.1797	0.8015	0.5856	0.5871
basehock		0.9497	0.0503	0.9497	0.8995	0.2671
bio		0.9961	0.0039	0.8763	0.7354	0.1757
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8286	0.1714	0.8183	0.6365	0.6213
biomed		0.8571	0.1429	0.8568	0.6736	0.3386
bitcoin1%		0.9859	0.0010	0.0687	0.0876	0.0963
bitcoin10%		0.9792	0.0038	0.3226	0.2956	0.2793
body-perf		0.6403	0.1799	0.6480	0.5204	0.4794
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.7273	0.2727	0.7609	0.4211	0.4644
breast-tissue		0.6364	0.1212	0.5997	0.5600	0.1997
bridges		0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17		0.9121	0.0879	0.6346	0.1252	0.3901
bub12at310k-hg16-17		0.9143	0.0857	0.6527	0.1734	0.4051
bub8at310k-hg16-17		0.9127	0.0873	0.6486	0.2171	0.5056
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.8470	0.1530	0.8197	0.6389	0.5996
card		0.8261	0.1739	0.8271	0.6497	0.6048
cardiotocography		0.6995	0.0601	0.5422	0.6403	0.3296
cardiotocography-nsp		0.8826	0.0782	0.7955	0.6828	0.4330
cardiovascular		0.7342	0.2658	0.7350	0.4684	0.7692
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8000	0.1333	0.6833	0.6040	0.3826
cas_N6512_cdk_ECFP2		0.6559	0.3441	0.6523	0.3039	0.8742
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.6856	0.3144	0.6845	0.3688	0.8393
cas_N6512_rdkit_AVALON		0.6897	0.3103	0.6872	0.3744	0.8354
cas_N6512_RDkit_Avalon_FP		0.6963	0.3037	0.6952	0.3902	0.8260
cas_N6512_rdkit_descriptors		0.6892	0.3108	0.6902	0.3789	0.8303
cas_N6512_rdkit_FEATMORGAN		0.7020	0.2980	0.7010	0.4018	0.8185
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.6610	0.3390	0.6584	0.3166	0.8691
cas_N6512_rdkit_LAYERED		0.7185	0.2815	0.7184	0.4361	0.7945
cas_N6512_RDkit_Layered_FP		0.6948	0.3052	0.6920	0.3835	0.8284
cas_N6512_rdkit_MACCS		0.7512	0.2488	0.7499	0.4997	0.7492
cas_N6512_RDkit_MACCS_FP		0.7071	0.2929	0.7084	0.4149	0.8062
cas_N6512_rdkit_MORGAN		0.6892	0.3108	0.6860	0.3666	0.8251
cas_N6512_RDkit_morgan_FP		0.6764	0.3236	0.6756	0.3509	0.8496
cas_N6512_rdkit_PATTERN		0.7354	0.2646	0.7342	0.4684	0.7729
cas_N6512_rdkit_RDKITFP		0.6574	0.3426	0.6584	0.3156	0.8675
cas_N6512_rdkit_TORSION		0.7015	0.2985	0.7064	0.4071	0.8023
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8481	0.1013	0.4193	0.1629	0.3031
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7254	0.2746	0.6962	0.3922	0.8047
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6744	0.0561	0.1301
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9406	0.0297	0.9342	0.9116	0.1387
chrom19		0.9998	0.0002	0.9320	0.8540	0.0016
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9993	0.0007	0.8075	0.5997	0.3353
chrom211%		0.0008	0.9992	0.0008	0.0000	0.0023
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8520	0.1480	0.7471	0.4754	0.6147
churn-bigml		0.9139	0.0861	0.8074	0.5892	0.4394
ci900367j_MACCS		0.6947	0.3053	0.6590	0.2941	0.8009
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.4756	0.4028	0.3993
cjs		0.9964	0.0012	0.9962	0.9956	0.0059
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7148	0.1426	0.6070	0.5604	0.5236
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5918	0.2721	0.5750	0.3564	0.6443
cnae-9		0.8148	0.0412	0.8366	0.7917	0.1708
codon_usage		0.7084	0.0530	0.5572	0.6409	0.3090
coil20		0.6458	0.0354	0.6749	0.6271	0.2071
college		0.8961	0.1039	0.8690	0.7381	0.4948
collins		0.9800	0.0027	0.9667	0.9780	0.0066
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7931	0.2069	0.7797	0.4663	0.3920
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6207	0.3793	0.5884	0.1448	0.8434
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c		0.7241	0.2759	0.6954	0.3696	0.7444
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6696	0.6252	0.2830
cottonmeloidogyne		0.6683	0.3317	0.6705	0.3374	0.8502
coupon		0.6814	0.3186	0.6697	0.3298	0.8315
covtype10%		0.7059	0.0840	0.5602	0.5148	0.4201
covtypeCD		0.9563	0.0437	0.9095	0.8186	0.3835
covtypeT		0.9668	0.0332	0.8625	0.7202	0.3696
crabs		0.7000	0.1500	0.7185	0.6000	0.2526
creditcard_trans		0.9992	0.0008	0.8761	0.7438	0.2421
creditcard_trans10%		0.9986	0.0014	0.7605	0.4993	0.3807
crowdsourced		0.8332	0.0556	0.5644	0.6462	0.4217
cryotherapy		0.5556	0.4444	0.6667	0.1818	0.5283
cultivars		0.0000	0.0500	0.0000	0.0000	0.4102
customer-churn		0.9846	0.0154	0.7743	0.5260	0.3930
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.7072	0.4098	0.8027
cylinder-bands		0.6667	0.3333	0.6533	0.3027	0.8617
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8263	0.1737	0.7136	0.3914	0.6343

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9009	0.0991	0.7267	0.4396	0.5959
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9189	0.0270	0.9150	0.8982	0.0840
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.8500	0.1500	0.8550	0.7000	0.5201
df_final		0.6250	0.2500	0.5263	0.4000	0.3199
DIA		0.8167	0.1833	0.7289	0.4211	0.6246
diabetes		0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-risk		0.9211	0.0789	0.8748	0.7451	0.4123
diabetic1%		0.5784	0.2810	0.3661	0.1460	0.4714
diabetic10%		0.5766	0.2823	0.4530	0.1621	0.5722
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7291	0.1083	0.7284	0.6129	0.3351
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.2000	0.8000	0.1667	-0.6667	1.0000
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.6250	0.3750	0.6009	0.1940	0.9002
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9304	0.0696	0.7695	0.5198	0.4978
dota210%		0.5233	0.4767	0.5114	0.0200	0.9526
dropout		0.7472	0.1685	0.6627	0.5733	0.4868
drug-01		0.3617	0.1824	0.1080	-0.0215	0.4754
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4096	0.1687	0.2323	0.2437	0.4871
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5904	0.1170	0.2233	0.1754	0.3186
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5266	0.1353	0.1577	0.1349	0.4547
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6223	0.1079	0.1781	0.2804	0.3256
drug-14		0.5691	0.1231	0.2473	0.2555	0.4588
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5745	0.1216	0.2424	0.3136	0.4185
drug-17		0.3883	0.1748	0.1436	0.1349	0.4285
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.8824	0.0336	0.8813	0.8575	0.1672
ecoli		0.8529	0.0368	0.5215	0.7942	0.1294
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU		0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.3340	0.0832	0.2772	0.2580	0.7264
eeg-eye		0.7417	0.2583	0.7388	0.4669	0.7395
eeg10%		0.2673	0.0916	0.2133	0.1796	0.6921
email_phishing		0.9869	0.0131	0.6226	0.0512	0.1509
eucalyptus		0.5616	0.1753	0.5504	0.4302	0.4442
euthyroid		0.9620	0.0380	0.8898	0.7790	0.3765
exon.vs.intron-freq10%		0.8819	0.1181	0.8840	0.7615	0.4488
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
fbis-wc		0.6138	0.0454	0.5447	0.5534	0.2655
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.8400	0.0533	0.6188	0.7414	0.2339
fishcatch		0.8125	0.0625	0.8486	0.7659	0.1160
flags		0.6500	0.0875	0.4000	0.5706	0.1698
forest		0.8269	0.0865	0.8300	0.7600	0.2084
gas		0.8088	0.0637	0.8110	0.7676	0.2663
gastrointestinal		0.8750	0.0833	0.8376	0.7881	0.1526
gender		0.5874	0.2751	0.4884	0.0851	0.5040
gene		0.5110	0.3260	0.2255	0.0000	0.3731
german		0.6400	0.3600	0.5348	0.0451	0.8198
gestures		0.6627	0.1687	0.6633	0.5503	0.5055
gina		0.8646	0.1354	0.8646	0.7291	0.5258
glass		0.8095	0.0635	0.7649	0.7358	0.2008
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.7500	0.2500	0.6667	0.3333	0.7987
glioma		0.6000	0.2667	0.5333	0.4444	0.1500
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.6094	0.2000	0.8294
grub-damage		0.6000	0.2000	0.5275	0.4479	0.3641
gsalc		0.5556	0.1481	0.5000	0.4627	0.2087
haberman		0.6667	0.3333	0.5739	0.1477	0.8809
hapt		0.8060	0.0323	0.5228	0.7704	0.2450
har		0.8089	0.0765	0.8169	0.7552	0.2891
har70		0.8514	0.0425	0.5085	0.7783	0.2619
har701%		0.8398	0.0458	0.4902	0.7635	0.2508
har7010%		0.8304	0.0485	0.4931	0.7473	0.3231
harth1%		0.7722	0.0380	0.3992	0.6833	0.2492
harth10%		0.7686	0.0386	0.3767	0.6790	0.2870
hayes-roth		0.3750	0.4167	0.2790	-0.0458	0.6275
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure		0.9820	0.0180	0.9792	0.9576	0.0812
heart-quantum		0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%		0.8119	0.1881	0.8139	0.6234	0.6271
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%		0.6309	0.3691	0.6292	0.2583	0.9004
higgs1%		0.6648	0.3352	0.6646	0.3288	0.8627
higgs10%		0.6630	0.3370	0.6614	0.3227	0.8664
higher		0.3571	0.1607	0.1598	0.1975	0.2771
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9039	0.0961	0.8132	0.6056	0.4602
hiva		0.9527	0.0473	0.5399	0.0699	0.6111

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
horse		0.6667	0.2222	0.6281	0.4106	0.5576
hotel-reservartions		0.8578	0.1422	0.8342	0.6618	0.5411
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.9429	0.0381	0.9448	0.9139	0.1555
ht-sensor10%		0.9072	0.0619	0.9108	0.8601	0.2213
htru2		0.9765	0.0235	0.9275	0.8542	0.2659
hypothyroid		0.9841	0.0080	0.7100	0.9051	0.1090
hypothyroidT		0.9973	0.0027	0.9906	0.9810	0.0136
ilpd		0.7119	0.2881	0.5951	0.1663	0.8198
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
ionosphere		0.8571	0.1429	0.8309	0.6602	0.5698
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.4904	0.0392	0.5059	0.4700	0.3463
jm1		0.8200	0.1800	0.6462	0.2298	0.6407
jvowels		0.6476	0.0783	0.6340	0.6004	0.4005
kc1		0.8578	0.1422	0.6739	0.3073	0.6292
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8269	0.1731	0.7038	0.3777	0.6558
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kepler		0.8588	0.0941	0.8166	0.7681	0.2739
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9500	0.0500	0.9467	0.8933	0.2764
krkopt		0.4895	0.0567	0.5200	0.4279	0.4866
krvskp		0.9436	0.0564	0.9434	0.8869	0.2908
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.3529	0.0324	0.2125	0.3279	0.1639
led24		0.7000	0.0600	0.6582	0.6629	0.1278
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.6685	0.0255	0.6897	0.6553	0.3204
leukemia		0.7143	0.1905	0.7222	0.5625	0.3324
leukemia2		0.7143	0.2857	0.7083	0.4167	0.8058
libra		0.4167	0.0778	0.4618	0.3742	0.2627
linkage1%		0.9995	0.0005	0.9634	0.9266	0.1329
liver		0.6765	0.3235	0.5565	0.0603	0.7318
loan		0.9719	0.0281	0.9705	0.9393	0.1214
localization		0.5884	0.0748	0.3390	0.4687	0.5754
localization10%		0.5279	0.0858	0.2589	0.3892	0.5861
lrs		0.7736	0.0647	0.5722	0.6858	0.2180
lung		0.9048	0.0381	0.7099	0.8082	0.0647
lung_discrete		0.5000	0.1429	0.3084	0.3600	0.2348
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		0.5556	0.1481	0.2933	0.2941	0.2197
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.7115	0.2885	0.7120	0.4231	0.8032
magic04		0.8185	0.1815	0.7957	0.5740	0.5957
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7708	0.2292	0.7696	0.5387	0.7160
marketing		0.8929	0.1071	0.7519	0.4309	0.4261

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
maternal		0.6535	0.2310	0.6576	0.4645	0.5111
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.6261	0.3739	0.6289	0.2547	0.8910
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		0.8889	0.0741	0.8889	0.8302	0.1290
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac		0.7200	0.0560	0.7214	0.6889	0.2700
mfeat-fou		0.6350	0.0730	0.6340	0.5944	0.3337
mfeat-kar		0.6500	0.0700	0.6671	0.6111	0.3311
mfeat-mor		0.6450	0.0710	0.6461	0.6056	0.2388
mfeat-pix		0.6650	0.0670	0.7070	0.6278	0.2867
mfeat-zer		0.4650	0.1070	0.4659	0.4056	0.4674
mice-prot		0.9537	0.0116	0.9619	0.9470	0.0461
milk		0.9528	0.0314	0.9473	0.9273	0.1167
mines		0.5588	0.1765	0.4103	0.4420	0.3115
mobile		0.3846	0.0220	0.4127	0.3733	0.2619
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.3889	0.1111	0.3753	0.2498	0.6010
musk		0.9318	0.0682	0.8602	0.6878	0.2544
MUT_ci300400a_cdk_ESTATE		0.7242	0.2758	0.7140	0.4273	0.7936
MUT_ci300400a_cdk_FCFP2		0.7689	0.2311	0.7644	0.5282	0.7231
MUT_ci300400a_cdk_FCFP4		0.7110	0.2890	0.7004	0.4002	0.8120
MUT_ci300400a_cdk_FCFP6		0.7026	0.2974	0.6888	0.3732	0.8172
MUT_ci300400a_cdk_MACCS		0.7218	0.2782	0.7121	0.4238	0.7973
MUT_ci300400a_rdkit_descriptors		0.7431	0.2569	0.7351	0.4689	0.7634
myocardial		0.8706	0.0324	0.2777	0.3247	0.1710
naticusdroid		0.9550	0.0450	0.9551	0.9100	0.2451
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.5000	0.1667	0.3793	0.4000	0.1784
ncRNA1%		0.8885	0.0117	0.3030	0.6611	0.2263
ncRNA10%		0.9072	0.0098	0.5032	0.7357	0.5651
neo		0.9064	0.0936	0.6474	0.0899	0.3018
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9048	0.0952	0.8056	0.6111	0.5744
newspop		0.6299	0.3701	0.6288	0.2576	0.9007
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.9221	0.0312	0.6879	0.8852	0.1324
obesity		0.8483	0.0433	0.8484	0.8227	0.1685
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation		0.9842	0.0079	0.9453	0.9516	0.0540
oh0-wc		0.7525	0.0495	0.7793	0.7140	0.2313
oh10-wc		0.6571	0.0686	0.6700	0.6068	0.2536
oh15-wc		0.7065	0.0587	0.7338	0.6626	0.2642
oh5-wc		0.6703	0.0659	0.7368	0.6335	0.2538
olive		0.8947	0.0234	0.8652	0.8677	0.0712
opn310k		0.9122	0.0878	0.6376	0.1632	0.4493
opn310k10%		0.9104	0.0896	0.6024	0.1077	0.4740
opnat310k-hg16-17		0.9137	0.0863	0.6487	0.1788	0.4317

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
optdigits		0.6068	0.0786	0.6073	0.5631	0.4218
optdigitsZ		0.9573	0.0427	0.8928	0.7734	0.4682
orl		0.3500	0.0325	0.3142	0.3333	0.1711
orlraws10P		0.5000	0.1000	0.4565	0.4444	0.1678
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8093	0.1907	0.7830	0.5640	0.6665
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8413	0.1587	0.8447	0.6838	0.5614
p53-mutants		0.9959	0.0041	0.7111	0.3144	0.2409
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9580	0.0168	0.7755	0.7323	0.2013
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.9431	0.0569	0.9399	0.8768	0.2583
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8846	0.1154	0.8559	0.7115	0.5206
particle10%		0.8777	0.1223	0.8473	0.6944	0.5395
pasture		0.7500	0.1667	0.5714	0.6000	0.1321
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.5258	0.4742	0.4467	-0.0766	0.9467
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8947	0.1053	0.8533	0.6981	0.4590
pediatric-leukemia		0.6176	0.1092	0.5114	0.5242	0.2524
pendigits		0.7771	0.0446	0.7756	0.7521	0.2603
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.7988	0.2012	0.7816	0.5598	0.6723
personalities		0.2635	0.0921	0.2609	0.2144	0.7047
pet-adoption		0.9500	0.0500	0.9432	0.8843	0.2437
phishing		0.9265	0.0735	0.9243	0.8475	0.3603
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.9923	0.0022	0.9918	0.9911	0.0150
phone-acc1%		0.9983	0.0005	0.9982	0.9980	0.0048
phone-gyr0.1%		0.9950	0.0014	0.9946	0.9941	0.0107
phone-gyr1%		0.9980	0.0006	0.9979	0.9977	0.0053
phoneme		0.8241	0.1759	0.7726	0.5385	0.6488
phy		0.7080	0.2920	0.7080	0.4159	0.8105
pima		0.7237	0.2763	0.7029	0.3973	0.7848
pirvision		0.9876	0.0083	0.9784	0.9608	0.0838
placement		0.7780	0.2220	0.7715	0.5428	0.7098
plant-growth		0.7368	0.2632	0.7531	0.4809	0.6961
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4995	0.1001	0.0666	0.0000	0.1727
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.6305	0.1702	0.4165
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9612	0.0388	0.7666	0.4827	0.3605
polish-5th		0.9442	0.0558	0.7371	0.4332	0.4586
polya		0.7189	0.2811	0.6805	0.3529	0.8044
popularity		0.6449	0.2367	0.3927	0.1534	0.4746
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.7583	0.0967	0.7786	0.6972	0.3099
pred-tox_mutagen_ref-desc		0.6618	0.3382	0.6678	0.3235	0.8359
prestige		0.6667	0.2222	0.6111	0.4906	0.2759
primary-tumor		0.3636	0.0579	0.1733	0.2856	0.2150
profb		0.6716	0.3284	0.4018	0.0000	0.4612
promoters		0.9000	0.1000	0.9083	0.8000	0.3522

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prostate			0.6429	0.3571	0.6443	0.2857	0.8758
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8820	0.0472	0.8119	0.8401	0.2258
puc-rio10%			0.8521	0.0591	0.7608	0.7986	0.2562
pufs-1281%			0.4883	0.5117	0.4883	-0.0233	1.0000
pufs-12810%			0.5017	0.4983	0.5019	0.0033	0.9500
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5019	0.4981	0.5020	0.0035	0.9516
pulsar			0.9800	0.0200	0.9381	0.8718	0.1509
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc			0.6600	0.0523	0.5947	0.5380	0.3954
re1-wc			0.7711	0.0183	0.5890	0.7372	0.1620
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9863	0.0137	0.9862	0.9722	0.0918
rnaseq			0.9500	0.0200	0.9303	0.9337	0.0795
rocket			0.6299	0.3701	0.6022	0.1968	0.8981
satimage			0.8180	0.0607	0.7931	0.7748	0.2701
satimageF			0.9798	0.0202	0.9461	0.8896	0.1561
satimageT			0.8974	0.1026	0.6940	0.3848	0.6506
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.8889	0.1111	0.8784	0.7273	0.4644
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9359	0.0641	0.4834	0.0000	0.1628
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8788	0.0346	0.8908	0.8587	0.1568
segmentation			0.8020	0.1980	0.7818	0.5630	0.6792
segmentO			0.9567	0.0433	0.9249	0.8429	0.3868
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9834	0.9662	0.1529
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8609	0.1391	0.4626	-0.0102	0.4516
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8579	0.1421	0.5100	0.0077	0.5788
sens-5-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8632	0.1368	0.4633	-0.0102	0.4508
sens-8-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-9-gram			0.8763	0.1237	0.6772	0.0998	0.2600
sensorless			0.9526	0.0086	0.9545	0.9479	0.0703
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8889	0.1111	0.7733	0.5433	0.5977
shuttle			0.9978	0.0006	0.6013	0.9937	0.0205
sick			0.9735	0.0265	0.8892	0.7775	0.3572
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9909	0.0092	0.9861	0.9717	0.0449
skin10%			0.9886	0.0114	0.9825	0.9648	0.0819
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1048	0.0011	0.4258
smk_can_187			0.6316	0.3684	0.6333	0.2652	0.8937
smoking			0.7412	0.2588	0.7289	0.4561	0.7686
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7482	0.0839	0.5427	0.6733	0.1894
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.9559	0.0046	0.9162	0.9515	0.0149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spam-detection			0.9545	0.0455	0.8835	0.7589	0.4758
spambase			0.8674	0.1326	0.8615	0.7230	0.5297
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.5385	0.0342	0.4246	0.5079	0.1576
splice-EI			0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE			0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles			0.8200	0.1800	0.8051	0.6095	0.6396
squash-stored			0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8890	0.0740	0.8608	0.8200	0.2504
steel-b			0.8667	0.1333	0.7866	0.5676	0.5965
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9744	0.0256	0.9604	0.9175	0.0949
steel-o			0.7641	0.2359	0.7290	0.4214	0.6696
steel-p			0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s			0.9846	0.0154	0.8934	0.7617	0.0555
steel-z			0.9846	0.0154	0.9575	0.9145	0.2439
stellar			0.9682	0.0212	0.9627	0.9430	0.0949
stock			1.0000	0.0000	1.0000	1.0000	0.0000
stockb			0.9912	0.0059	0.9913	0.9868	0.0318
streaming			0.9900	0.0100	0.9899	0.9798	0.0757
stress			0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle			0.6250	0.1500	0.3542	0.4038	0.4398
student-depression			0.8215	0.1785	0.8146	0.6268	0.6208
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3692	0.2523	0.2744	0.1134	0.6122
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.4331	0.1250	0.3871
susy1%			0.7736	0.2264	0.7718	0.5391	0.7012
susy10%			0.7753	0.2247	0.7737	0.5421	0.6954
tae			0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn			0.8295	0.1705	0.7823	0.5646	0.6617
texture			0.7527	0.0450	0.7630	0.7277	0.2593
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9895	0.0105	0.8552	0.6619	0.0402
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.8105	0.1895	0.7850	0.5693	0.6685
tis			0.8953	0.1047	0.8533	0.7001	0.4686
tis10%			0.8582	0.1418	0.8036	0.6060	0.6045
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.1667	0.3111	0.3600	0.2171
tox_171			0.5294	0.2353	0.5526	0.3585	0.3677
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.8293	0.0379	0.7507	0.7873	0.1560
trec12-wc			0.8065	0.0484	0.8565	0.7666	0.1595
trec21-wc			0.7879	0.0848	0.6196	0.5075	0.3789
trec23-wc			0.9048	0.0317	0.9416	0.8658	0.0862
trec31-wc			0.9355	0.0215	0.9374	0.9136	0.0900
trec41-wc			0.9318	0.0136	0.8193	0.9171	0.1105
trec45-wc			0.7536	0.0493	0.7298	0.7097	0.1871
tuandromd			0.9552	0.0448	0.9294	0.8584	0.3016
turkish			0.5750	0.2125	0.5891	0.4333	0.4990

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews1%			0.8154	0.1846	0.8018	0.6037	0.6510
tvnews10%			0.8466	0.1534	0.8339	0.6676	0.5835
ur3_cobotops_grip			0.9701	0.0299	0.6798	0.2069	0.2605
ur3_cobotops_stop			0.9633	0.0367	0.6650	0.2917	0.5048
urban			0.6269	0.0829	0.6103	0.5572	0.2900
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7143	0.1429	0.6881	0.6157	0.3985
vehicleVAN			0.9167	0.0833	0.8873	0.7742	0.4332
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9346	0.8608	0.2605
vowel			0.4040	0.1084	0.4558	0.3444	0.3401
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9111	0.0889	0.6243	0.1085	0.3956
wap-wc			0.4936	0.0506	0.3643	0.4206	0.3105
warpar10p			0.3846	0.1231	0.2143	0.3020	0.1940
warppie10p			0.6667	0.0667	0.6933	0.6297	0.1454
watch-acc1%			0.9952	0.0014	0.9951	0.9944	0.0116
watch-gyr1%			0.9953	0.0013	0.9953	0.9945	0.0115
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.7560	0.1627	0.7557	0.6339	0.4889
weather-related			0.9462	0.0098	0.9460	0.9389	0.0643
web-phishing			0.8444	0.1037	0.7399	0.7154	0.4140
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9700	0.0150	0.9703	0.9600	0.0613
wilt			0.9710	0.0290	0.8406	0.6805	0.4428
wine			0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red			0.5975	0.1342	0.2758	0.3360	0.4428
winequality-white			0.4928	0.1449	0.2678	0.1984	0.4365
wisc_bc			0.8947	0.1053	0.8902	0.7782	0.4610
yale			0.3750	0.0833	0.3294	0.3333	0.1799
yeast			0.5541	0.0892	0.3798	0.4147	0.3514
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.6247	0.0751	0.6073	0.5757	0.3686

Table 36: Detailed results for DL (Large)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1639	0.0796	0.1126	0.0854	0.5438
abalone19		0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9800	0.0200	0.5755	0.1045	0.4719
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9726	0.0274	0.9437	0.8872	0.2774
adult		0.8397	0.1603	0.7576	0.4940	0.6091
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8810	0.1190	0.5325	0.0597	0.7131
AID_1431_KlekotaRothFingerprinter		0.8016	0.1984	0.4830	-0.0328	0.6707
AID_1431_MACCSFingerprinter		0.8730	0.1270	0.5243	0.0464	0.7227
AID_1878		0.8000	0.2000	0.6415	0.2811	0.7689
AID_602330		0.9583	0.0417	0.6343	0.1864	0.4396
AID_652128		0.8283	0.1145	0.3037	-0.0126	0.6370
AID1284Morered		0.6667	0.3333	0.4762	-0.0435	0.7274
AID1284red		0.7500	0.2500	0.5180	0.0357	0.7748
AID1608Morered		0.8544	0.1456	0.4607	-0.0782	0.6585
AID1608red		0.8932	0.1068	0.5489	0.0972	0.6514
AID362red		0.9790	0.0210	0.4947	-0.0094	0.5789
AID439Morered		0.8571	0.1429	0.8250	0.5882	0.5283
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.5500	0.4500	0.4886	-0.0227	0.9383
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9967	0.0033	0.4992	-0.0006	0.3287
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	-0.4651	0.7939
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
aids		0.8873	0.1127	0.8473	0.6947	0.5363
air_pollution		0.2633	0.2105	0.1635	0.0163	0.8785
airline		0.9407	0.0593	0.9397	0.8788	0.2951
alcohol		0.8667	0.0533	0.7813	0.7250	0.2496
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8140	0.1860	0.8006	0.6001	0.6547
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9777	0.0111	0.9613	0.9573	0.0539
anuran-genus		0.6885	0.0779	0.4945	0.4244	0.1819
anuran-species		0.7875	0.0425	0.5107	0.6998	0.1721
anxiety		0.0667	0.2074	0.0599	-0.0498	0.8399
apple-quality		0.8800	0.1200	0.8844	0.7600	0.4445
arabidopsis0.1%		0.9912	0.0088	0.7037	0.3957	0.4893
arcene		0.5500	0.4500	0.5214	0.0426	0.9729
arrhythmia		0.6667	0.0513	0.3320	0.4879	0.3186
auction		0.9265	0.0735	0.8320	0.6639	0.5160
audiology		0.9091	0.0165	0.8707	0.8919	0.0425
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.9714	0.0286	0.9639	0.9278	0.2035
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.9000	0.0333	0.7526	0.8667	0.0771
avila		0.5007	0.0832	0.2471	0.1978	0.2566
babies		0.4758	0.1498	0.1967	0.1738	0.4341

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
balance		0.9677	0.0215	0.9770	0.9422	0.0946
bank		0.7842	0.2158	0.6739	0.3020	0.6302
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9101	0.0899	0.9018	0.8018	0.3997
basehock		0.9648	0.0352	0.9650	0.9297	0.1998
bio10%		0.9952	0.0048	0.8591	0.7176	0.3802
biodeg		0.8381	0.1619	0.8265	0.6517	0.5952
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.3676	0.1807	0.1865	0.0092	0.2411
body-perf		0.6843	0.1578	0.6925	0.5791	0.4078
brain-tumor		0.4965	0.5035	0.4963	-0.0073	1.0000
breast-cancer		0.6071	0.3929	0.6022	0.1895	0.8342
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.5833	0.6633	0.1095
bridges		0.8000	0.0571	0.5714	0.7183	0.0209
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4560	0.3627	0.3560	0.0331	0.7920
car		1.0000	0.0000	1.0000	1.0000	0.0000
car-insurance		0.7450	0.2550	0.7086	0.4167	0.7814
card		0.8406	0.1594	0.8358	0.6713	0.5861
cardiotocography		0.6573	0.0685	0.5725	0.5886	0.2614
cardiotocography-nsp		0.9061	0.0626	0.8270	0.7152	0.2321
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0106
cars		0.7500	0.1667	0.6363	0.5536	0.4772
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.7123	0.2877	0.7100	0.4132	0.7910
cas_N6512_RDkit_AtomPair_FP		0.7331	0.2669	0.7327	0.4649	0.7748
cas_N6512_rdkit_AVALON		0.7742	0.2258	0.7725	0.5448	0.7117
cas_N6512_RDkit_Avalon_FP		0.7899	0.2101	0.7893	0.5784	0.6832
cas_N6512_rdkit_descriptors		0.7769	0.2231	0.7751	0.5492	0.7048
cas_N6512_rdkit_FEATMORGAN		0.7496	0.2504	0.7511	0.4999	0.7444
cas_N6512_RDkit_Featmorgan_FP		0.7684	0.2316	0.7667	0.5333	0.7214
cas_N6512_RDkit_FP		0.7362	0.2638	0.7339	0.4673	0.7713
cas_N6512_rdkit_LAYERED		0.7677	0.2323	0.7668	0.5334	0.7223
cas_N6512_RDkit_Layered_FP		0.7239	0.2761	0.7222	0.4443	0.7899
cas_N6512_rdkit_MACCS		0.7819	0.2181	0.7808	0.5615	0.6985
cas_N6512_RDkit_MACCS_FP		0.7255	0.2745	0.7228	0.4441	0.7848
cas_N6512_rdkit_MORGAN		0.7354	0.2646	0.7330	0.4648	0.7713
cas_N6512_RDkit_morgan_FP		0.7699	0.2301	0.7690	0.5378	0.7186
cas_N6512_rdkit_PATTERN		0.7415	0.2585	0.7456	0.4859	0.7476
cas_N6512_RDkit_pattern_FP		0.7270	0.2730	0.7245	0.4479	0.7837
cas_N6512_rdkit_RDKITFP		0.7450	0.2550	0.7456	0.4900	0.7543
cas_N6512_rdkit_TORSION		0.7400	0.2600	0.7379	0.4755	0.7662
ccds1%		0.9368	0.0632	0.5578	0.1154	0.6282
ccds10%		0.9545	0.0455	0.6249	0.2370	0.5916
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7772	0.2228	0.7712	0.5352	0.6996
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9463	0.0537	0.6952	0.3898	0.6060
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9276	0.0724	0.5530	0.1036	0.6528
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9884	0.0116	0.9446	0.8828	0.3522
cervical-S		0.9186	0.0814	0.7453	0.4890	0.5993
children-anemia		0.8569	0.0715	0.8211	0.7880	0.2744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9988	0.0012	0.7988	0.5709	0.5314
chronic-kidney		0.9096	0.0904	0.5567	0.0839	0.6212
churn		0.7880	0.2120	0.7268	0.4392	0.7097
churn-bigml		0.8839	0.1161	0.7600	0.5193	0.6281
ci900367j_MACCS		0.6737	0.3263	0.6447	0.2874	0.8648
circles		0.0100	0.0198	0.0011	0.0000	0.2641
cirrhosis		0.7857	0.1429	0.5442	0.5891	0.4085
cjs		0.9929	0.0024	0.9915	0.9913	0.0115
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8000	0.1000	0.6744	0.6969	0.4281
climate		0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.9200	0.0800	0.7409	0.4595	0.5360
cmc		0.5646	0.2902	0.5579	0.3147	0.6604
cnae-9		0.9352	0.0144	0.9370	0.9271	0.0721
codon_usage		0.6853	0.0572	0.5078	0.6139	0.3008
coil20		0.3958	0.0604	0.3161	0.3643	0.2025
college		0.8831	0.1169	0.8749	0.7332	0.4908
collins		0.3200	0.0907	0.3109	0.2441	0.3584
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.7241	0.2759	0.7108	0.4171	0.7845
colposcopies-2		0.4828	0.5172	0.4779	-0.0432	0.9778
colposcopies-3		0.6552	0.3448	0.6446	0.2892	0.8782
colposcopies-4		0.7241	0.2759	0.6548	0.3095	0.8231
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7586	0.2414	0.7584	0.5155	0.7334
colposcopies-c		0.7586	0.2414	0.6545	0.3072	0.7986
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.8387	0.1075	0.8395	0.7463	0.1843
cottonmeloidogyne		0.7188	0.2812	0.7192	0.4377	0.7942
coupon		0.7327	0.2673	0.7255	0.4501	0.7790
covtype10%		0.4647	0.1529	0.3134	0.1386	0.4573
covtypeCD		0.9806	0.0194	0.9601	0.9197	0.2380
covtypeT		0.9748	0.0252	0.9080	0.8148	0.3875
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9986	0.0014	0.8387	0.6660	0.5022
crowdsourced		0.7014	0.0995	0.4535	0.3657	0.2433
cryotherapy		1.0000	0.0000	1.0000	1.0000	0.0000
cultivars		0.2812	0.0359	0.1995	0.2618	0.1209
customer-churn		0.9802	0.0198	0.6565	0.1055	0.1698
cybersecurity		0.1400	0.2867	0.1349	-0.0330	0.8981
cyclopentane		0.7037	0.2963	0.7191	0.4194	0.7609
cylinder-bands		0.6852	0.3148	0.6764	0.3526	0.8440
darwin		0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1024	0.1795	0.1024	0.0029	0.9000
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7817	0.2183	0.6986	0.3956	0.7544
defect		0.8611	0.1389	0.7324	0.4637	0.6691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.7954	0.2046	0.6571	0.2874	0.6680
depressed		0.7972	0.2028	0.5425	0.0737	0.7862
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.3750	0.4167	0.2000	-0.2121	0.5526
dexter		0.7667	0.2333	0.7673	0.5333	0.7198
df_final		0.5000	0.3333	0.4598	0.2000	0.3773
DIA		0.7500	0.2500	0.6891	0.3750	0.7773

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
diabetes		0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k		0.9316	0.0684	0.8004	0.5972	0.5735
diabetic1%		0.5392	0.3072	0.4848	0.2355	0.7196
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9765	0.9771	0.0386
diamonds_all		0.4067	0.2373	0.2721	0.0204	0.3292
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.7565	0.2435	0.6658	0.2570	0.5594
dota210%		0.5359	0.4641	0.5347	0.0695	0.9778
drebin		0.9867	0.0133	0.9858	0.9715	0.1047
dropout		0.7336	0.1776	0.6484	0.5544	0.5166
drug-01		0.2766	0.2067	0.1698	0.0806	0.8051
drug-02		0.4628	0.1535	0.2888	0.2260	0.8102
drug-03		0.6170	0.1094	0.1909	0.1596	0.7235
drug-04		0.4521	0.1565	0.2196	0.1472	0.8131
drug-05		0.6330	0.1049	0.1349	0.0543	0.7693
drug-06		0.2713	0.2082	0.2001	0.1175	0.7239
drug-07		0.3883	0.1748	0.1352	0.0197	0.7321
drug-08		0.4468	0.1581	0.1689	0.1032	0.8020
drug-09		0.8298	0.0486	0.1299	-0.0126	0.4701
drug-10		0.4309	0.1626	0.1723	0.1247	0.7965
drug-11		0.7394	0.0745	0.1568	0.1344	0.8917
drug-12		0.7021	0.0851	0.2394	0.1160	0.6243
drug-13		0.5160	0.1383	0.2096	0.2190	0.8451
drug-14		0.5426	0.1307	0.2480	0.2321	0.6120
drug-15		0.6170	0.1094	0.1501	0.0240	0.7229
drug-16		0.5000	0.1429	0.2589	0.2286	0.6352
drug-17		0.2394	0.2173	0.2024	0.0920	0.8081
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.6809	0.0912	0.1810	0.1697	0.5398
drybean		0.8163	0.0525	0.7781	0.7775	0.1765
ecoli		0.7353	0.0662	0.4166	0.6340	0.1997
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2100	0.3950	0.2118	-0.0540	0.8692
eeg		0.0835	0.1146	0.1556	0.0480	0.5219
eeg-eye		0.8511	0.1489	0.8494	0.6986	0.5596
eeg10%		0.3096	0.0863	0.3111	0.2375	0.6805
eucalyptus		0.6438	0.1425	0.6086	0.5408	0.3912
euthyroid		0.9399	0.0601	0.8277	0.6553	0.5095
exon.vs.intron-freq10%		0.9696	0.0304	0.9695	0.9390	0.1828
fakenews		0.5050	0.4950	0.5043	0.0085	0.9944
fbis-wc		0.2358	0.0899	0.1515	0.1872	0.3203
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.8627	0.1373	0.8731	0.7151	0.3522
financial-risk		0.5620	0.1460	0.2244	0.3077	0.2578
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.4500	0.1375	0.2073	0.2691	0.3092
forest		0.8846	0.0577	0.8499	0.8416	0.1806
gas		0.7182	0.0939	0.7403	0.6612	0.3064
gastrointestinal		0.6875	0.2083	0.6993	0.5322	0.3855
gender		0.5789	0.2807	0.3840	0.1693	0.5965

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gene		0.8927	0.0715	0.8846	0.8299	0.2872
german		0.7400	0.2600	0.7021	0.3968	0.7763
gestures		0.8553	0.0723	0.8571	0.8071	0.2655
gina		0.9135	0.0865	0.9137	0.8271	0.3909
glass		0.7143	0.0952	0.6933	0.5974	0.2684
glass-g2		0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP		0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP		0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.6250	0.3750	0.7241	0.3333	0.5239
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.7381	0.2619	0.7265	0.4477	0.7645
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4667	0.2667	0.4219	0.2683	0.5320
gsalc		0.3333	0.2222	0.1635	0.1940	0.2399
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.4135	0.0977	0.2356	0.3314	0.2257
har		0.8180	0.0728	0.8122	0.7694	0.2594
har701%		0.7354	0.0756	0.4462	0.5608	0.1560
har7010%		0.3027	0.1992	0.2593	0.1760	0.3271
harth1%		0.0675	0.1554	0.1178	0.0065	0.3038
hayes-roth		0.5625	0.2917	0.4216	0.2533	0.4978
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.5800	0.2100	0.2479	-0.0355	0.6911
heart		0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack		0.8065	0.1935	0.8046	0.6092	0.6543
heart-c		0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure		0.9780	0.0220	0.9744	0.9485	0.1394
heart-quantum		0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.8229	0.1771	0.8248	0.6454	0.6048
hERG-121inputs		0.5714	0.4286	0.5458	0.0870	0.8810
hERG-64inputs		0.7143	0.2857	0.7742	0.4615	0.5283
hERG-9inputs		0.6923	0.3077	0.5667	0.1333	0.8605
higgs0.1%		0.6182	0.3818	0.6165	0.2329	0.9127
higgs1%		0.6345	0.3655	0.6311	0.2600	0.8932
higher		0.2143	0.1964	0.0682	0.0723	0.3251
hinselmann		0.6000	0.4000	0.5519	0.0909	0.7720
hitters		0.8125	0.1875	0.8248	0.6293	0.5703
hiv1-proteasa		0.9241	0.0759	0.8663	0.7325	0.4786
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5833	0.2778	0.4913	0.2771	0.6989
hotel-reservartions		0.8432	0.1568	0.8240	0.6476	0.6056
hr		0.8070	0.1930	0.5587	0.1164	0.7780
ht-sensor10%		0.9366	0.0423	0.9385	0.9042	0.1451
htru2		0.9721	0.0279	0.9121	0.8214	0.2751
hypothyroid		0.9788	0.0106	0.6639	0.8754	0.1671
hypothyroidT		0.9867	0.0133	0.9541	0.9081	0.2428
ilpd		0.5932	0.4068	0.5993	0.1806	0.8284
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.8953	0.0523	0.9033	0.8604	0.1345
ionosphere		0.9429	0.0571	0.9346	0.8606	0.1858
iris		0.8667	0.0889	0.8676	0.7945	0.1292
irish		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
isolet		0.1155	0.0680	0.0393	0.0801	0.3674
jm1		0.8108	0.1892	0.6127	0.1496	0.6317
jvowels		0.4157	0.1299	0.4079	0.3394	0.3424
kc1		0.8863	0.1137	0.7591	0.3875	0.2517
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.6923	0.1231	0.3344	0.4348	0.2285
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8269	0.1731	0.7494	0.4979	0.6929
kddcup981%		0.8842	0.1158	0.4693	-0.0609	0.6212
kddcup991%		0.3816	0.0951	0.4391	0.2280	0.1187
kepler		0.8828	0.0781	0.8425	0.8085	0.2326
kidney		0.7868	0.0853	0.1991	0.0032	0.4879
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.1005	0.0999	0.0175	0.0107	0.4631
krvskp		0.9969	0.0031	0.9969	0.9937	0.0250
la1s-wc		0.6349	0.1217	0.6515	0.5570	0.4219
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5882	0.0358	0.5858	0.5685	0.1134
led24		0.7500	0.0500	0.7151	0.7183	0.0969
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.1685	0.0640	0.2105	0.1379	0.4219
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.7500	0.0333	0.7554	0.7316	0.1078
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
liver		0.6471	0.3529	0.6361	0.2635	0.8463
loan		0.9696	0.0304	0.9679	0.9356	0.1961
localization		0.2317	0.1397	0.1862	0.0455	0.3741
localization10%		0.3046	0.1264	0.2157	0.1276	0.4005
lrs		0.8113	0.0377	0.4529	0.7447	0.1672
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8500	0.0600	0.5872	0.6450	0.0892
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2		0.7778	0.0494	0.5135	0.7188	0.0294
machine-failure		0.8511	0.1489	0.8466	0.6932	0.5650
madelon		0.5462	0.4538	0.5465	0.0923	0.9678
magic04		0.6702	0.3298	0.7190	0.3818	0.6854
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8021	0.1979	0.8011	0.6010	0.6576
marketing		0.9062	0.0938	0.8025	0.6019	0.5488
maternal		0.7723	0.1518	0.7897	0.6516	0.3785
math		0.6750	0.1625	0.5581	0.5176	0.4320
mba		0.7597	0.1602	0.4100	0.2137	0.6415
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2133	0.3147	0.2138	0.0163	0.8691
messidor		0.6957	0.3043	0.6897	0.3793	0.8299
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8333	0.0833	0.8282	0.7652	0.2014
mfeat-fac		0.4000	0.1200	0.3958	0.3333	0.3266
mfeat-fou		0.4550	0.1090	0.4483	0.3944	0.3518

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-kar		0.7100	0.0580	0.7293	0.6778	0.2149
mfeat-mor		0.6450	0.0710	0.6520	0.6056	0.2089
mfeat-pix		0.5500	0.0900	0.5688	0.5000	0.2566
mfeat-zer		0.6850	0.0630	0.7401	0.6500	0.1973
mice-prot		0.9722	0.0069	0.9748	0.9682	0.0285
milk		0.9717	0.0189	0.9677	0.9563	0.0533
mines		0.8235	0.0706	0.8327	0.7792	0.2029
mobile		0.0455	0.0341	0.0056	0.0270	0.3604
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8361	0.1639	0.8143	0.6105	0.5504
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.1606	0.1526	0.2643	0.0651	0.4174
musk		0.9773	0.0227	0.9581	0.9154	0.2514
MUT_ci300400a_cdk_ECFP2		0.8201	0.1799	0.8165	0.6326	0.6302
MUT_ci300400a_cdk_ECFP4		0.8012	0.1988	0.7986	0.5957	0.6640
MUT_ci300400a_cdk_ECFP6		0.7808	0.2192	0.7757	0.5512	0.7045
MUT_ci300400a_cdk_ESTATE		0.7470	0.2530	0.7388	0.4774	0.7606
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.7725	0.2275	0.7717	0.5402	0.7089
MUT_ci300400a_cdk_FCFP4		0.8058	0.1942	0.7996	0.5989	0.6593
MUT_ci300400a_cdk_FCFP6		0.8022	0.1978	0.7970	0.5940	0.6665
MUT_ci300400a_cdk_MACCS		0.8309	0.1691	0.8267	0.6533	0.6091
MUT_ci300400a_cdk_PUBCHEM		0.8252	0.1749	0.8198	0.6394	0.6210
MUT_ci300400a_cdk_STANDARD		0.7569	0.2431	0.7574	0.5106	0.7302
MUT_ci300400a_rdkit_descriptors		0.8358	0.1642	0.8319	0.6637	0.5969
myocardial		0.8176	0.0456	0.3517	0.3561	0.6267
naticusdroid		0.9598	0.0402	0.9600	0.9195	0.2216
NCI60		0.6667	0.1111	0.6222	0.6000	0.1039
nci9		0.3333	0.1481	0.1905	0.2727	0.1761
ncRNA1%		0.8753	0.0131	0.2467	0.6138	0.2449
ncRNA10%		0.7719	0.0240	0.0473	-0.0038	0.2818
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5419	0.4581	0.5462	0.0909	0.9623
NHANES_age_prediction		0.9912	0.0088	0.9835	0.9670	0.1081
nomao		0.9452	0.0548	0.9338	0.8672	0.3278
NPHA-doctor-visits		0.4861	0.3426	0.4043	0.1105	0.7861
nursery		0.9745	0.0102	0.7158	0.9628	0.0693
obesity		0.2417	0.2167	0.1656	0.1207	0.3600
obs		0.9630	0.0185	0.9733	0.9448	0.0718
occupancy		0.9815	0.0185	0.9738	0.9476	0.1437
Occupancy_Estimation		0.6397	0.1802	0.7491	0.3806	0.2361
oh0-wc		0.8317	0.0337	0.8162	0.8081	0.1643
oh10-wc		0.6857	0.0629	0.7030	0.6390	0.2715
oh15-wc		0.7174	0.0565	0.6996	0.6808	0.2670
oh5-wc		0.7912	0.0418	0.7904	0.7644	0.1926
olive		0.8596	0.0312	0.7997	0.8211	0.1127
opn310k10%		0.8551	0.1449	0.6763	0.3307	0.6449
optdigits		0.4715	0.1057	0.5255	0.4143	0.3381
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.2500	0.0375	0.1958	0.2308	0.1732
orlraws10P		0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer		0.8800	0.1200	0.8742	0.7458	0.5017
ozone1hr		0.9407	0.0593	0.5437	0.0871	0.6242
ozone8hr		0.8300	0.1700	0.6063	0.1886	0.6102
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8144	0.1856	0.8004	0.5984	0.6536

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8571	0.1429	0.8566	0.7131	0.5449
p53-mutants10%			0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks			0.9580	0.0168	0.7480	0.7122	0.0565
parkinson			1.0000	0.0000	1.0000	1.0000	0.0000
parkinsons			0.7583	0.2417	0.7427	0.4853	0.7497
parkinsons-small			0.8947	0.1053	0.8914	0.7595	0.4308
particle			0.9082	0.0918	0.8971	0.7864	0.4453
particle10%			0.8992	0.1008	0.8726	0.7439	0.4662
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9279	0.0721	0.6644	0.2997	0.5774
pcmac			0.4948	0.5052	0.4913	-0.0172	0.9904
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9079	0.0921	0.8795	0.7586	0.4760
pediatric-leukemia			0.7353	0.0756	0.6428	0.6782	0.2174
pendigits			0.4395	0.1121	0.4530	0.3744	0.3370
period			0.5556	0.4444	0.5791	0.1429	0.8628
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.7551	0.2449	0.7435	0.4861	0.7501
personalities			0.8258	0.0218	0.8350	0.8142	0.2116
pet-adoption			0.8650	0.1350	0.8508	0.7005	0.5534
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
phone-acc0.1%			0.5651	0.1243	0.5014	0.4908	0.2821
phone-acc1%			0.1723	0.2365	0.2273	0.0353	0.4256
phone-gyr0.1%			0.5678	0.1235	0.6060	0.4978	0.2770
phone-gyr1%			0.3188	0.1946	0.3992	0.2072	0.3724
phoneme			0.8685	0.1315	0.8320	0.6580	0.5356
phy			0.6890	0.3110	0.6899	0.3783	0.8311
pima			0.6447	0.3553	0.6093	0.2059	0.8767
pirvision			0.9928	0.0048	0.9856	0.9770	0.0356
placement			0.7910	0.2090	0.7906	0.5781	0.6767
plant-growth			0.6842	0.3158	0.6910	0.3736	0.8166
plrx			0.6111	0.3889	0.4834	-0.0328	0.9365
poker1%			0.5005	0.0999	0.1037	0.0067	0.2375
poker10%			0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st			0.9587	0.0413	0.5577	0.0552	0.4343
polish-2nd			0.9499	0.0501	0.4871	-0.0173	0.5909
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.8316	0.1684	0.6599	0.2346	0.4858
polish-5th			0.9306	0.0694	0.6274	0.1736	0.4868
polya			0.7297	0.2703	0.7072	0.4143	0.7949
popularity			0.5516	0.2989	0.3662	0.0477	0.7396
post-operative			0.4444	0.3704	0.2051	-0.3636	0.5085
postures			0.6771	0.1292	0.6885	0.5961	0.2836
pred-tox_mutagen_ref-desc			0.7353	0.2647	0.7369	0.4706	0.7633
prestige			0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor			0.3333	0.1026	0.2897	0.2637	0.3417
profb			0.7612	0.2388	0.7234	0.4457	0.7589
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.8377	0.0649	0.8251	0.7862	0.1834
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.4954	0.5046	0.4954	-0.0092	1.0000
pulsar			0.9832	0.0168	0.9496	0.8991	0.2234
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc			0.2000	0.1231	0.2435	0.1376	0.4097
re1-wc			0.2169	0.0627	0.0839	0.1533	0.4519

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rejafada			0.9749	0.0251	0.7787	0.4356	0.0807
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.9846	0.0154	0.9845	0.9689	0.1088
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6067	0.3933	0.6273	0.2384	0.8599
satimage			0.8756	0.0415	0.8558	0.8461	0.1903
satimageF			0.9891	0.0109	0.9721	0.9442	0.1683
satimageT			0.9331	0.0669	0.7861	0.5077	0.3241
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.4706	0.5294	0.4697	-0.0588	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8910	0.1090	0.5238	0.0474	0.6798
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.6494	0.1002	0.5805	0.5897	0.2217
segmentation			0.8366	0.1634	0.8196	0.6383	0.6061
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9147	0.0853	0.5893	0.1714	0.6634
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.5144	0.4856	0.5091	0.0118	0.5918
sens-2-gram			0.8447	0.1553	0.5999	0.1900	0.7350
sens-3-gram			0.8447	0.1553	0.5925	0.1733	0.7347
sens-4-gram			0.8316	0.1684	0.5309	0.0544	0.7614
sens-5-gram			0.8132	0.1868	0.5733	0.1462	0.7659
sens-6-gram			0.8421	0.1579	0.5811	0.1505	0.7401
sens-7-gram			0.7474	0.2526	0.4904	-0.0190	0.7668
sens-8-gram			0.8368	0.1632	0.5475	0.0840	0.7503
sens-9-gram			0.8421	0.1579	0.5964	0.1845	0.7403
sensorless			0.2533	0.1358	0.1603	0.1787	0.3453
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8621	0.1379	0.6979	0.3805	0.6579
shuttle			0.9536	0.0133	0.4986	0.8672	0.0446
sick			0.9682	0.0318	0.8629	0.7223	0.3795
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9993	0.0007	0.9989	0.9978	0.0162
skin10%			0.9980	0.0020	0.9969	0.9938	0.0375
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2000	0.4000	0.2020	-0.0650	0.8685
smk_can_187			0.8421	0.1579	0.8427	0.6816	0.5635
smoking			0.7307	0.2693	0.7447	0.4667	0.7165
soil_pollution			0.1867	0.3253	0.1867	-0.0175	0.8791
solar-flare			0.7698	0.0767	0.6715	0.7076	0.2399
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.5441	0.0480	0.4466	0.5124	0.1664
spam-detection			0.9525	0.0475	0.8678	0.7333	0.4796
spambase			0.9174	0.0826	0.9138	0.8276	0.3898
spect			0.7407	0.2593	0.6469	0.2921	0.7993
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.3269	0.0499	0.1878	0.2849	0.1933
splice-EI			0.9590	0.0410	0.9465	0.8927	0.2830
splice-IE			0.9117	0.0883	0.8789	0.7577	0.4703
sport-articles			0.8200	0.1800	0.8037	0.6051	0.6337
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.9677	0.0323	0.9666	0.9310	0.1967
steel_industry			0.7962	0.1358	0.7614	0.6538	0.2747

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-b			0.8154	0.1846	0.7270	0.4539	0.7167
steel-d			0.9897	0.0103	0.9069	0.7950	0.0398
steel-k			0.9795	0.0205	0.9693	0.9382	0.2014
steel-o			0.7744	0.2256	0.7614	0.5197	0.7181
steel-p			0.9231	0.0769	0.7077	0.4046	0.5933
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9487	0.0513	0.8770	0.7444	0.4901
stock			0.8681	0.1319	0.7804	0.5607	0.6342
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.9600	0.0400	0.9596	0.9192	0.2280
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5300	0.1880	0.3392	0.2833	0.4370
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3300	0.2680	0.2784	0.0074	0.7873
student-weekend			0.3231	0.2708	0.2349	0.1015	0.7870
student-workday			0.6562	0.1375	0.2307	0.1693	0.6170
studentap			0.3846	0.4103	0.3833	0.0545	0.7688
susy1%			0.7760	0.2240	0.7744	0.5436	0.6947
tae			0.4667	0.3556	0.4762	0.2000	0.5980
telco-churn			0.8949	0.1051	0.8636	0.7268	0.4966
texture			0.2709	0.1326	0.2276	0.1937	0.3015
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.7234	0.2766	0.5376	0.0728	0.7679
thrombin			0.9738	0.0262	0.4934	-0.0084	0.5340
Thyroid_Diff			1.0000	0.0000	1.0000	1.0000	0.0000
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis10%			0.7388	0.2612	0.7024	0.3898	0.7494
titanic			0.7955	0.2045	0.7581	0.5123	0.6962
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.8235	0.0882	0.8375	0.7650	0.1709
toxicity			0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f			0.6471	0.3529	0.5858	0.1639	0.8952
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.5287	0.0286	0.7084
trec11-wc			0.8049	0.0434	0.7499	0.7620	0.1403
trec12-wc			0.9355	0.0161	0.9302	0.9229	0.0495
trec21-wc			0.6970	0.1010	0.2596	0.4482	0.2539
trec23-wc			0.8095	0.0635	0.8634	0.7470	0.2306
trec31-wc			0.7742	0.0753	0.6320	0.7013	0.2376
trec41-wc			0.5455	0.0909	0.4183	0.4686	0.2705
trec45-wc			0.6087	0.0783	0.5656	0.5478	0.2826
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.8000	0.1000	0.8059	0.7333	0.2657
tvnews1%			0.8769	0.1231	0.8730	0.7424	0.5042
tvnews10%			0.8096	0.1904	0.7919	0.5819	0.6575
ur3_cobotops_grip			0.9741	0.0259	0.7495	0.3374	0.0823
ur3_cobotops_stop			0.9537	0.0463	0.6956	0.3898	0.5971
urban			0.7612	0.0531	0.7129	0.7193	0.1859
urinalysis			0.9161	0.0839	0.6028	0.2056	0.6527
vehicle			0.7857	0.1071	0.7491	0.7091	0.2485
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.4444	0.1010	0.4071	0.3889	0.2440
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc			0.2179	0.0782	0.2251	0.1738	0.3691
warpar10p			0.5385	0.0923	0.5049	0.4834	0.1752
warppie10p			0.8571	0.0286	0.8821	0.8409	0.0655

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc1%			0.5109	0.1398	0.6087	0.4350	0.3468
watch-gyr1%			0.6772	0.0922	0.7185	0.6238	0.2893
water_pollution			0.2267	0.3867	0.2283	-0.0331	0.8734
waveform			0.8000	0.1333	0.8033	0.7000	0.4166
weather-related			0.4596	0.0983	0.4303	0.3841	0.3101
web-phishing			0.8222	0.1185	0.7960	0.6814	0.4235
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.8904	0.0438	0.8834	0.8614	0.2024
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9850	0.0075	0.9851	0.9800	0.0382
wilt			0.9959	0.0041	0.9793	0.9578	0.1858
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6226	0.1258	0.2917	0.3901	0.4900
winequality-white			0.5603	0.1256	0.3463	0.3456	0.6245
winnipeg10%			0.5916	0.1167	0.5129	0.5113	0.2588
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.3125	0.0917	0.2440	0.2636	0.2044
yeast			0.5878	0.0824	0.4880	0.4909	0.5135
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.8520	0.6542	0.5283
yeastME2			0.9527	0.0473	0.6808	0.3410	0.5495
zip			0.5409	0.0918	0.5646	0.4806	0.3111

Table 37: Detailed results for DL (Medium)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1494	0.0810	0.1316	0.0778	0.6560
abalone19		0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.9775	0.0225	0.6493	0.2964	0.5678
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.9695	0.0305	0.9368	0.8736	0.2888
adult		0.8460	0.1540	0.7687	0.5191	0.5977
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8571	0.1429	0.5117	0.0233	0.7243
AID_1431_KlekotaRothFingerprinter		0.7778	0.2222	0.4733	-0.0494	0.6436
AID_1431_MACCSFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878		0.7905	0.2095	0.6002	0.1940	0.7885
AID_602330		0.9323	0.0677	0.4825	-0.0331	0.6496
AID_652128		0.7879	0.1414	0.3826	0.0348	0.6490
AID1284Morered		0.6944	0.3056	0.4891	-0.0206	0.7441
AID1284red		0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered		0.8641	0.1359	0.5794	0.1518	0.6392
AID1608red		0.8738	0.1262	0.5354	0.0682	0.6213
AID362red		0.9836	0.0164	0.6183	0.2149	0.5259
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9950	0.0050	0.4987	-0.0024	0.5429
AID604		0.9968	0.0032	0.6890	0.2044	0.1502
AID604AID644_AllRed		0.9988	0.0012	0.4997	-0.0003	0.4066
AID644Morered		0.6000	0.4000	0.5238	0.0476	0.9294
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9991	0.0009	0.4998	-0.0004	0.5319
AID687red		0.9964	0.0036	0.4991	-0.0010	0.4450
AID688red		0.9868	0.0132	0.5258	0.0466	0.5599
AID721morered		0.2222	0.7778	0.1818	-0.4651	0.7939
AID721red		0.3333	0.6667	0.2500	-0.4211	0.8208
AID746AID1284red		0.9983	0.0017	0.4996	-0.0008	0.5343
AID746red		0.9935	0.0065	0.5522	0.0474	0.3523
aids		0.8920	0.1080	0.8496	0.6976	0.5091
air_pollution		0.2500	0.2143	0.1384	0.0082	0.9047
air-booking		0.8496	0.1504	0.5941	0.1020	0.5641
airline		0.9514	0.0486	0.9505	0.9008	0.2571
alcohol		0.8762	0.0495	0.7032	0.7227	0.1746
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8837	0.1163	0.8718	0.7433	0.4931
anneal		0.9775	0.0090	0.9732	0.9524	0.0790
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9958	0.0021	0.9798	0.9921	0.0138
anuran-genus		0.9903	0.0024	0.9688	0.9840	0.0510
anuran-species		0.9889	0.0022	0.9820	0.9845	0.0276
anxiety		0.0583	0.2093	0.0567	-0.0600	0.8368
apple-quality		0.9300	0.0700	0.9300	0.8600	0.3383
aps-failure		0.9870	0.0130	0.8049	0.6082	0.4535
arabidopsis0.1%		0.9765	0.0235	0.4940	-0.0112	0.4586
arabidopsis1%		0.9903	0.0097	0.5859	0.1497	0.5171
arabidopsis10%		0.9909	0.0091	0.5529	0.0638	0.4309
arcene		0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.6444	0.0547	0.2637	0.4326	0.3005
auction		0.9804	0.0196	0.9549	0.9088	0.1707
audiology		0.8636	0.0248	0.8594	0.8362	0.0767
audit-risk		0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent		0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult		0.9571	0.0429	0.9470	0.8934	0.2857
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.9500	0.0167	0.7933	0.9340	0.0386
avila		0.9732	0.0045	0.9710	0.9651	0.0550
babies		0.3871	0.1751	0.1989	0.0841	0.6491
balance		0.9677	0.0215	0.9770	0.9422	0.0946
bank		0.9007	0.0993	0.7486	0.4972	0.6253
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8917	0.1083	0.8818	0.7632	0.4673
basehock		0.9799	0.0201	0.9799	0.9598	0.1334
bio		0.9970	0.0030	0.9106	0.8196	0.2561
bio10%		0.9945	0.0055	0.8448	0.6895	0.4286
biodeg		0.8667	0.1333	0.8625	0.7226	0.5300
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.7665	0.0667	0.1687	0.0210	0.0988
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.7104	0.1448	0.7102	0.6139	0.4367
bookings		0.9901	0.0066	0.8035	0.9790	0.0763
brain-tumor		0.4940	0.5060	0.4939	-0.0122	1.0000
breast-cancer		0.6786	0.3214	0.6210	0.2410	0.8562
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.6000	0.1143	0.3636	0.4595	0.2016
bub10at310k-hg16-17		0.8961	0.1039	0.6015	0.1818	0.6610
bub12at310k-hg16-17		0.8799	0.1201	0.6303	0.2605	0.6930
bub8at310k-hg16-17		0.8982	0.1018	0.6130	0.2040	0.6536
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.3750	0.6250	0.3708	-0.2500	1.0000
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4070	0.3953	0.3099	-0.0402	0.8183
car		1.0000	0.0000	1.0000	1.0000	0.0000
car-insurance		0.8120	0.1880	0.7779	0.5551	0.6745
card		0.8116	0.1884	0.8052	0.6078	0.6398
cardiotocography		0.8404	0.0319	0.8228	0.8089	0.2003
cardiotocography-nsp		0.8920	0.0720	0.7787	0.6852	0.3386
cardiovascular		0.7016	0.2984	0.7065	0.4033	0.7933
cargo2k		0.9975	0.0017	0.9974	0.9962	0.0099
cars		0.7750	0.1500	0.6868	0.5895	0.4909
cas_N6512_cdk_ECFP2		0.7327	0.2673	0.7326	0.4645	0.7745
cas_N6512_rdkit_ATOMPAIR		0.7277	0.2723	0.7264	0.4528	0.7841
cas_N6512_RDkit_AtomPair_FP		0.7423	0.2577	0.7400	0.4787	0.7603
cas_N6512_rdkit_AVALON		0.7926	0.2074	0.7926	0.5844	0.6768
cas_N6512_RDkit_Avalon_FP		0.7945	0.2055	0.7935	0.5869	0.6758
cas_N6512_rdkit_descriptors		0.7877	0.2123	0.7872	0.5741	0.6870
cas_N6512_rdkit_FEATMORGAN		0.7512	0.2488	0.7488	0.4961	0.7459
cas_N6512_RDkit_Featmorgan_FP		0.7638	0.2362	0.7628	0.5255	0.7288
cas_N6512_RDkit_FP		0.7684	0.2316	0.7672	0.5344	0.7215
cas_N6512_rdkit_LAYERED		0.7646	0.2354	0.7652	0.5290	0.7234
cas_N6512_RDkit_Layered_FP		0.7546	0.2454	0.7526	0.5049	0.7434
cas_N6512_rdkit_MACCS		0.7803	0.2197	0.7785	0.5553	0.6968
cas_N6512_RDkit_MACCS_FP		0.7837	0.2163	0.7839	0.5669	0.6921

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.7338	0.2662	0.7317	0.4631	0.7754
cas_N6512_RDkit_morgan_FP		0.7408	0.2592	0.7390	0.4779	0.7653
cas_N6512_rdkit_PATTERN		0.7600	0.2400	0.7617	0.5208	0.7272
cas_N6512_RDkit_pattern_FP		0.7577	0.2423	0.7591	0.5159	0.7320
cas_N6512_rdkit_RDKITFP		0.7634	0.2366	0.7626	0.5251	0.7291
cas_N6512_rdkit_TORSION		0.7092	0.2908	0.7067	0.4129	0.8097
ccds1%		0.9203	0.0797	0.5118	0.0233	0.5996
ccds10%		0.9476	0.0524	0.5896	0.1746	0.6222
cdc_diabetes		0.8439	0.1041	0.4220	0.2217	0.3530
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7876	0.2124	0.7798	0.5540	0.6876
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.7462	0.4921	0.5747
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9350	0.0650	0.6286	0.2564	0.6334
CDS49_AID687_Rdkit-ecfp4-fp		0.9958	0.0042	0.4989	-0.0021	0.5356
census		0.9466	0.0534	0.7209	0.3832	0.4336
census10%		0.9408	0.0592	0.6933	0.3743	0.5769
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7933	0.5841	0.5676
cervical-C		0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia		0.8683	0.0658	0.8367	0.8024	0.2568
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9997	0.0003	0.4999	-0.0001	0.5015
chronic-kidney		0.9277	0.0723	0.6680	0.2273	0.4186
churn		0.8050	0.1950	0.6992	0.3985	0.7406
churn-bigml		0.9026	0.0974	0.7968	0.5923	0.5698
ci900367j_MACCS		0.7474	0.2526	0.7347	0.4690	0.7630
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7857	0.1429	0.6944	0.5927	0.4408
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8509	0.0745	0.7549	0.7710	0.3597
climate		0.9815	0.0185	0.9290	0.8475	0.0659
cll_sub_111		0.6667	0.2222	0.7090	0.4894	0.4675
cm1		0.8600	0.1400	0.5740	0.1463	0.7265
cmc		0.4422	0.3719	0.4152	0.1341	0.7922
cnae-9		0.9537	0.0103	0.9548	0.9479	0.0526
codon_usage		0.9171	0.0151	0.7605	0.8995	0.1584
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9055	0.8092	0.4196
collins		0.5600	0.0587	0.5179	0.5139	0.2536
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2		0.5862	0.4138	0.5288	0.0543	0.9466
colposcopies-3		0.7241	0.2759	0.7108	0.4171	0.7875
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6		0.6897	0.3103	0.6913	0.3741	0.8142
colposcopies-c		0.7241	0.2759	0.6234	0.2468	0.8309
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8387	0.1075	0.8358	0.7430	0.2921
comedy_comparisons1%		0.5040	0.4960	0.5063	0.0124	0.9910
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7356	0.2644	0.7356	0.4711	0.7719
coupon		0.7192	0.2808	0.7124	0.4244	0.7991

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype		0.4592	0.1545	0.4090	0.1451	0.3403
covtype10%		0.8182	0.0519	0.6597	0.7020	0.3330
covtypeCD		0.9911	0.0089	0.9809	0.9619	0.1068
covtypeT		0.9865	0.0135	0.9480	0.8961	0.2407
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9995	0.0005	0.9188	0.8349	0.2005
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9382	0.0206	0.8433	0.8731	0.2383
cryotherapy		0.7778	0.2222	0.7750	0.5500	0.7072
cultivars		0.6562	0.0172	0.4964	0.6462	0.0432
customer-churn		0.9802	0.0198	0.6565	0.1055	0.1698
cybersecurity		0.1733	0.2756	0.1733	0.0078	0.8807
cyclopentane		0.5926	0.4074	0.5843	0.1681	0.9372
cylinder-bands		0.7222	0.2778	0.7276	0.4475	0.7689
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dating		0.1012	0.1798	0.1010	0.0009	0.8968
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8173	0.1827	0.7147	0.4234	0.7080
defect		0.8796	0.1204	0.7682	0.5352	0.6225
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8936	0.1064	0.7191	0.4336	0.6348
depressed		0.7762	0.2238	0.5395	0.0759	0.8154
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.4099	0.2000	0.4997
dexter		0.8833	0.1167	0.8835	0.7667	0.4763
df_final		0.5000	0.3333	0.3926	0.2000	0.5494
DIA		0.7667	0.2333	0.6889	0.3778	0.7765
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9634	0.0366	0.8722	0.7347	0.3148
diabetes-risk		0.9164	0.0836	0.8699	0.7391	0.4598
diabetic		0.5608	0.2928	0.4057	0.1380	0.6237
diabetic1%		0.5490	0.3007	0.4884	0.2317	0.7320
diabetic10%		0.4745	0.3504	0.3851	0.0869	0.7897
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7738	0.0905	0.7615	0.6799	0.3332
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.3750	0.6250	0.3909	-0.2000	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.8696	0.1304	0.6660	0.3280	0.6797
dota2		0.5887	0.4113	0.5882	0.1763	0.9378
dota210%		0.5398	0.4602	0.5381	0.0761	0.9757
drebin		0.9814	0.0186	0.9802	0.9602	0.1372
dropout		0.7178	0.1881	0.6497	0.5397	0.5446
drug-01		0.2660	0.2097	0.1311	-0.0224	0.8178
drug-02		0.3830	0.1763	0.1612	0.0810	0.8774
drug-03		0.5691	0.1231	0.1563	0.0755	0.6462
drug-04		0.4149	0.1672	0.2411	0.1305	0.8202
drug-05		0.5851	0.1185	0.1283	-0.0563	0.7969
drug-06		0.3404	0.1885	0.2646	0.2019	0.7188
drug-07		0.3457	0.1869	0.1684	-0.0258	0.6108
drug-08		0.4840	0.1474	0.2531	0.2163	0.7995
drug-09		0.7713	0.0654	0.1383	0.0397	0.5689
drug-10		0.4415	0.1596	0.1961	0.1459	0.7637

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-11		0.7713	0.0654	0.1496	0.0096	0.6278
drug-12		0.7128	0.0821	0.1212	0.0075	0.5575
drug-13		0.5160	0.1383	0.1608	0.1925	0.7612
drug-14		0.5053	0.1413	0.2403	0.2107	0.6827
drug-15		0.6489	0.1003	0.1524	0.0769	0.8541
drug-16		0.5319	0.1337	0.2514	0.2652	0.6578
drug-17		0.2394	0.2173	0.1539	0.0481	0.8757
drug-18		0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19		0.6596	0.0973	0.1676	0.1371	0.5367
drybean		0.9184	0.0233	0.9336	0.9013	0.1314
ecoli		0.7647	0.0588	0.4753	0.6762	0.1568
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.3000	0.3500	0.2961	0.0659	0.8303
eeg		0.5063	0.0617	0.5260	0.4539	0.5818
eeg-eye		0.9279	0.0721	0.9271	0.8542	0.3471
eeg10%		0.3875	0.0766	0.4009	0.3247	0.6551
eucalyptus		0.5342	0.1863	0.5102	0.4034	0.4537
euthyroid		0.9494	0.0506	0.8612	0.7219	0.4761
exon.vs.intron-freq		0.9756	0.0244	0.9756	0.9511	0.1555
exon.vs.intron-freq10%		0.9718	0.0282	0.9717	0.9433	0.1733
fakenews		0.5125	0.4875	0.5126	0.0251	0.9926
farm-ads		0.8865	0.1135	0.8859	0.7718	0.4707
fbis-wc		0.7967	0.0239	0.7114	0.7707	0.1761
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk		0.8705	0.0432	0.5697	0.7972	0.2476
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.5000	0.1250	0.2847	0.3631	0.2316
fonts10%		0.0749	0.0121	0.0188	0.0647	0.3624
forest		0.8846	0.0577	0.8691	0.8411	0.1798
gas		0.9835	0.0055	0.9835	0.9799	0.0350
gastrointestinal		0.6875	0.2083	0.6898	0.5031	0.5143
gender		0.5621	0.2919	0.3986	0.0955	0.6870
gene		0.9148	0.0568	0.9073	0.8646	0.2453
german		0.7200	0.2800	0.6815	0.3593	0.8117
gestures		0.8836	0.0582	0.8835	0.8448	0.2362
gina		0.9280	0.0720	0.9279	0.8558	0.3453
gisette		0.9700	0.0300	0.9700	0.9400	0.1817
glass		0.7619	0.0794	0.7440	0.6698	0.2296
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8452	0.1548	0.8465	0.6880	0.5623
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.5333	0.2333	0.6301	0.3824	0.4265
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.9561	0.0073	0.8601	0.9481	0.0542

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har		0.9796	0.0082	0.9782	0.9742	0.0507
har70		0.1296	0.2487	0.2201	0.0278	0.3086
har701%		0.8642	0.0388	0.5298	0.8047	0.3525
har7010%		0.5974	0.1150	0.4422	0.4966	0.1980
harth1%		0.6405	0.0599	0.4245	0.5214	0.2817
harth10%		0.2103	0.1316	0.1867	0.1094	0.3129
hayes-roth		0.6875	0.2083	0.8029	0.5210	0.2110
hcc-survival		0.5294	0.4706	0.5143	0.0286	0.9808
health-activity		0.6600	0.1700	0.2260	0.0236	0.5827
heart		0.8889	0.1111	0.8877	0.7731	0.4662
heart-attack		0.7742	0.2258	0.7815	0.5526	0.6797
heart-c		0.8000	0.2000	0.7991	0.5982	0.6654
heart-failure		0.9720	0.0280	0.9676	0.9336	0.1343
heart-quantum		0.8600	0.1400	0.8557	0.7107	0.5461
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%		0.8419	0.1581	0.8445	0.6841	0.5607
hepmass10%		0.8470	0.1530	0.8473	0.6940	0.5650
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6555	0.3445	0.6577	0.3133	0.8668
higgs1%		0.6945	0.3055	0.6924	0.3820	0.8233
higgs10%		0.6804	0.3196	0.6890	0.3675	0.8149
higher		0.2143	0.1964	0.1461	0.0994	0.3451
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.9174	0.0826	0.8568	0.7133	0.5063
hiva		0.9480	0.0520	0.6199	0.2397	0.6145
horse		0.5833	0.2778	0.5175	0.2683	0.6673
hotel-reservartions		0.8820	0.1180	0.8649	0.7295	0.5061
hr		0.7860	0.2140	0.4719	-0.0538	0.8070
ht-sensor		0.5174	0.3218	0.4844	0.2719	0.3634
ht-sensor10%		0.8525	0.0983	0.8600	0.7749	0.1993
htru2		0.9782	0.0218	0.9337	0.8673	0.2723
hypothyroid		0.9761	0.0119	0.6681	0.8616	0.1392
hypothyroidT		0.9920	0.0080	0.9739	0.9465	0.2137
ilpd		0.7119	0.2881	0.6069	0.1995	0.8360
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9700	0.0150	0.9701	0.9600	0.0662
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8678	0.0102	0.8741	0.8625	0.0964
jm1		0.7778	0.2222	0.6124	0.2215	0.7973
jvowels		0.9789	0.0047	0.9779	0.9761	0.0338
kc1		0.8483	0.1517	0.6697	0.3253	0.6935
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6154	0.1538	0.2974	0.2262	0.4119
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.6616	0.3185	0.7781
kdc-4007		0.8080	0.0549	0.8152	0.7760	0.2733
kddcup981%		0.8316	0.1684	0.5235	0.0380	0.5162
kddcup9810%		0.9183	0.0817	0.5041	0.0078	0.6663
kddcup991%		0.2447	0.1162	0.4633	0.0603	0.1776
kddcup9910%		0.1969	0.0698	0.0143	0.0000	0.1549
kepler		0.8640	0.0907	0.8157	0.7763	0.2515
kidney		0.7128	0.1149	0.2113	0.0047	0.7896
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krkopt		0.5319	0.0520	0.6255	0.4770	0.2977
krvskp		0.9906	0.0094	0.9907	0.9812	0.0652
la1s-wc		0.8222	0.0593	0.7958	0.7793	0.3065
la2s-wc		0.8411	0.0530	0.8193	0.8025	0.2772
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7647	0.0205	0.7631	0.7532	0.0579
led24		0.6500	0.0700	0.6316	0.6067	0.1421
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7695	0.0177	0.7893	0.7603	0.1731
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.9444	0.0074	0.9556	0.9404	0.0242
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7647	0.2353	0.7455	0.4868	0.7356
loan		0.9719	0.0281	0.9703	0.9394	0.1407
localization		0.6279	0.0677	0.4249	0.5254	0.4560
localization10%		0.6632	0.0612	0.4214	0.5724	0.5594
lrs		0.8868	0.0226	0.5242	0.8433	0.0560
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9043	0.0957	0.9033	0.8050	0.4227
madelon		0.5423	0.4577	0.5426	0.0846	0.9710
magic04		0.8569	0.1431	0.8421	0.6839	0.5643
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8125	0.6245	0.6395
marketing		0.8884	0.1116	0.7594	0.5130	0.6032
maternal		0.8119	0.1254	0.8201	0.7132	0.3748
math		0.7500	0.1250	0.7390	0.6289	0.3708
mba		0.7661	0.1559	0.3952	0.1921	0.6653
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2067	0.3173	0.2085	0.0075	0.8669
messidor		0.6783	0.3217	0.6696	0.3377	0.8504
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9750	0.0050	0.9756	0.9722	0.0315
mfeat-fou		0.8300	0.0340	0.8307	0.8111	0.1467
mfeat-kar		0.9600	0.0080	0.9607	0.9556	0.0507
mfeat-mor		0.7450	0.0510	0.7528	0.7167	0.1882
mfeat-pix		0.9850	0.0030	0.9854	0.9833	0.0186
mfeat-zer		0.7900	0.0420	0.7990	0.7667	0.1192
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.8235	0.0706	0.8063	0.7780	0.1903
mobile		0.6399	0.0129	0.6535	0.6333	0.1587
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4294	0.1037	0.4782	0.3315	0.5893
musk		0.9985	0.0015	0.9971	0.9942	0.0091
MUT_ci300400a_cdk_ECFP2		0.8201	0.1799	0.8159	0.6317	0.6311
MUT_ci300400a_cdk_ECFP4		0.8012	0.1988	0.7955	0.5911	0.6686
MUT_ci300400a_cdk_ECFP6		0.7940	0.2060	0.7891	0.5780	0.6813
MUT_ci300400a_cdk_ESTATE		0.7734	0.2266	0.7645	0.5265	0.7125
MUT_ci300400a_cdk_EXTENDED		0.8357	0.1643	0.8304	0.6604	0.5971
MUT_ci300400a_cdk_FCFP2		0.8120	0.1880	0.8065	0.6131	0.6479
MUT_ci300400a_cdk_FCFP4		0.7950	0.2050	0.7914	0.5820	0.6774
MUT_ci300400a_cdk_FCFP6		0.7842	0.2158	0.7800	0.5594	0.6973
MUT_ci300400a_cdk_MACCS		0.8201	0.1799	0.8161	0.6320	0.6308
MUT_ci300400a_cdk_PUBCHEM		0.8395	0.1605	0.8341	0.6677	0.5880
MUT_ci300400a_cdk_STANDARD		0.8024	0.1976	0.7956	0.5907	0.6648
MUT_ci300400a_rdkit_descriptors		0.8271	0.1729	0.8238	0.6475	0.6157
myocardial		0.8647	0.0338	0.2819	0.3963	0.2077
naticusdroid		0.9720	0.0280	0.9720	0.9441	0.1721
NCI60		0.6667	0.1111	0.6222	0.6000	0.1039
nci9		0.3333	0.1481	0.2222	0.2727	0.1042
ncRNA1%		0.8742	0.0132	0.3625	0.6545	0.7182
ncRNA10%		0.7913	0.0220	0.1838	0.1261	0.2117
neo		0.9013	0.0987	0.6729	0.3333	0.6385
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.7132	0.0130	0.7077	0.7045	0.2413
newspop		0.6352	0.3648	0.6335	0.2669	0.8961
NHANES_age_prediction		0.9956	0.0044	0.9917	0.9833	0.0224
nomao		0.9530	0.0470	0.9425	0.8850	0.2886
NPHA-doctor-visits		0.4028	0.3981	0.3309	0.0003	0.8312
nursery		1.0000	0.0000	0.8000	1.0000	0.0000
obesity		0.9242	0.0217	0.9231	0.9114	0.0948
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation		0.9724	0.0138	0.9302	0.9196	0.1800
oh0-wc		0.8713	0.0257	0.8643	0.8537	0.1381
oh10-wc		0.7429	0.0514	0.7256	0.7066	0.2518
oh15-wc		0.7500	0.0500	0.7314	0.7174	0.2352
oh5-wc		0.7582	0.0484	0.7574	0.7277	0.2208
ohscal-wc		0.6909	0.0618	0.6852	0.6544	0.3846
olive		0.9298	0.0156	0.9215	0.9118	0.0396
opn310k		0.9017	0.0983	0.6131	0.1929	0.6274
opn310k10%		0.8799	0.1201	0.6018	0.2025	0.7009
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9804	0.0039	0.9813	0.9782	0.0315
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9486	0.0514	0.6047	0.2088	0.6180
ozone8hr		0.9051	0.0949	0.5563	0.0994	0.6712
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7990	0.2010	0.7870	0.5696	0.6758
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8823	0.7621	0.4761
p53-mutants		0.9943	0.0057	0.6010	0.1793	0.5043
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9708	0.0117	0.8507	0.8385	0.3309
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.7820	0.2180	0.7709	0.5414	0.7082

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons-small			0.8947	0.1053	0.8914	0.7595	0.4308
particle			0.9207	0.0793	0.9046	0.8081	0.4198
particle10%			0.9223	0.0777	0.9042	0.8084	0.4095
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9009	0.0991	0.5548	0.1042	0.6873
pcmac			0.4330	0.5670	0.4303	-0.1379	1.0000
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8816	0.1184	0.8450	0.6897	0.5506
pediatric-leukemia			0.8235	0.0504	0.7537	0.7837	0.1503
pendigits			0.9618	0.0076	0.9640	0.9575	0.0398
period			0.4444	0.5556	0.5000	0.0000	0.8722
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.7638	0.2362	0.7496	0.4991	0.7403
personalities			0.3655	0.0793	0.5193	0.3231	0.3092
pet-adoption			0.9100	0.0900	0.8968	0.7900	0.3944
phishing			0.9796	0.0204	0.9786	0.9571	0.1355
PhiUSIIL			0.9945	0.0055	0.9944	0.9888	0.0471
PhiUSIIL10%			0.9979	0.0021	0.9978	0.9957	0.0217
phone-acc0.1%			0.8392	0.0459	0.8281	0.8120	0.1778
phone-acc1%			0.7191	0.0803	0.7548	0.6724	0.1760
phone-acc10%			0.1565	0.2410	0.2437	0.0182	0.3730
phone-gyr0.1%			0.8686	0.0375	0.8601	0.8464	0.1614
phone-gyr1%			0.8272	0.0494	0.8342	0.7980	0.1492
phone-gyr10%			0.2961	0.2011	0.4004	0.1750	0.3735
phoneme			0.8889	0.1111	0.8632	0.7264	0.5102
phy			0.7100	0.2900	0.7107	0.4197	0.8034
pima			0.6579	0.3421	0.6240	0.2305	0.8531
pirvision			0.9980	0.0013	0.9953	0.9938	0.0236
placement			0.6910	0.3090	0.6809	0.3614	0.8376
plant-growth			0.6316	0.3684	0.6292	0.2570	0.8973
plrx			0.6111	0.3889	0.3793	-0.1887	0.9536
poker			0.4997	0.1001	0.0666	0.0000	0.1726
poker1%			0.4507	0.1099	0.1111	0.0146	0.5882
poker10%			0.5110	0.0978	0.1060	0.0272	0.1946
polish-1st			0.9602	0.0398	0.6165	0.1632	0.4653
polish-2nd			0.9420	0.0580	0.5337	0.0640	0.6367
polish-3rd			0.9381	0.0619	0.5786	0.1474	0.6318
polish-4th			0.9418	0.0582	0.6917	0.3819	0.6049
polish-5th			0.9272	0.0728	0.6817	0.3566	0.6148
polya			0.7557	0.2443	0.7349	0.4698	0.7577
popularity			0.6416	0.2389	0.4561	0.1873	0.6241
post-operative			0.7778	0.1481	0.5045	0.4000	0.2005
postures			0.9749	0.0100	0.9751	0.9686	0.0566
pred-tox_mutagen_ref-desc			0.5735	0.4265	0.5736	0.1471	0.9506
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3636	0.0979	0.3226	0.2929	0.3648
processed			0.9929	0.0071	0.9919	0.9838	0.0527
profb			0.7313	0.2687	0.7108	0.4180	0.7817
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.5714	0.4286	0.5310	0.0455	0.8750
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9902	0.0039	0.9824	0.9869	0.0284
puc-rio10%			0.9861	0.0056	0.9720	0.9814	0.0362
pufs-1281%			0.4903	0.5097	0.4903	-0.0193	1.0000
pufs-12810%			0.4971	0.5029	0.4969	-0.0059	0.9903
pufs-64			0.4990	0.5010	0.4990	-0.0019	0.9998
pufs-641%			0.5067	0.4933	0.5067	0.0134	0.9958
pufs-6410%			0.4970	0.5030	0.4970	-0.0058	0.9904

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pulsar			0.9808	0.0192	0.9413	0.8814	0.2099
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%			0.6833	0.0120	0.2849	0.6503	0.3705
re0-wc			0.7600	0.0369	0.6727	0.6908	0.4162
re1-wc			0.7470	0.0202	0.6341	0.7159	0.2431
rejafada			0.9799	0.0201	0.8958	0.7678	0.4822
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.8060	0.0060	0.2971	0.7397	0.4465
rice			0.9835	0.0165	0.9834	0.9667	0.1113
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6299	0.3701	0.6244	0.2475	0.8949
RT_IOT2022			0.7108	0.0482	0.4746	0.4274	0.2587
satimage			0.8911	0.0363	0.8764	0.8660	0.1849
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9580	0.0420	0.8763	0.7464	0.3435
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5294	0.4706	0.5294	0.0588	0.9823
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8654	0.1346	0.4639	-0.0720	0.6558
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.8831	0.0334	0.9021	0.8635	0.0911
segmentation			0.8564	0.1436	0.8431	0.6861	0.5651
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9070	0.0930	0.6006	0.2006	0.6697
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8053	0.1947	0.5170	0.0330	0.7870
sens-10-gram			0.8504	0.1496	0.6096	0.2028	0.7167
sens-2-gram			0.8237	0.1763	0.5423	0.0802	0.7721
sens-3-gram			0.8316	0.1684	0.5984	0.1947	0.7518
sens-4-gram			0.8342	0.1658	0.6215	0.2424	0.7419
sens-5-gram			0.8342	0.1658	0.6082	0.2146	0.7470
sens-6-gram			0.8263	0.1737	0.5624	0.1206	0.7656
sens-7-gram			0.8184	0.1816	0.5546	0.1069	0.7723
sens-8-gram			0.8289	0.1711	0.5280	0.0500	0.7666
sens-9-gram			0.8263	0.1737	0.5930	0.1847	0.7562
sensorless			0.9880	0.0022	0.9881	0.9868	0.0207
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8816	0.1184	0.7509	0.4935	0.6101
shuttle			0.9991	0.0002	0.7016	0.9976	0.0177
sick			0.9682	0.0318	0.8573	0.6981	0.2956
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9998	0.0002	0.9996	0.9993	0.0063
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1400	0.4300	0.1314	-0.1448	0.8960
smk_can_187			0.7895	0.2105	0.7933	0.5730	0.6420
smoking			0.7547	0.2453	0.7419	0.4824	0.7509
soil_pollution			0.2133	0.3147	0.2128	0.0163	0.8647
solar-flare			0.8058	0.0647	0.7657	0.7515	0.1960
sonar			0.7000	0.3000	0.7041	0.4000	0.7994
soybean			0.9853	0.0015	0.9944	0.9839	0.0114
spam-detection			0.9560	0.0440	0.8810	0.7579	0.4664
spambase			0.9326	0.0674	0.9295	0.8589	0.3371
spect			0.7778	0.2222	0.6786	0.3571	0.7720
spectf			0.9143	0.0857	0.8928	0.7835	0.4068
spectrometer			0.5577	0.0328	0.4130	0.5308	0.1314

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
splice-EI			0.9621	0.0379	0.9533	0.9037	0.2747
splice-IE			0.9211	0.0789	0.8963	0.7904	0.4441
sport-articles			0.8000	0.2000	0.7834	0.5662	0.6793
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.9677	0.0323	0.9666	0.9310	0.1967
steel_industry			0.8653	0.0898	0.8324	0.7799	0.2884
steel-b			0.8615	0.1385	0.7897	0.5793	0.6259
steel-d			0.9897	0.0103	0.9140	0.8280	0.3214
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8051	0.1949	0.7944	0.5852	0.6648
steel-p			0.9231	0.0769	0.6928	0.3623	0.5753
steel-s			0.9949	0.0051	0.9665	0.9307	0.0228
steel-z			0.9744	0.0256	0.9334	0.8638	0.3518
stellar			0.9684	0.0211	0.9641	0.9438	0.1172
stock			0.9167	0.0833	0.8553	0.7097	0.4818
stockb			0.9912	0.0059	0.9913	0.9868	0.0273
streaming			0.9780	0.0220	0.9778	0.9556	0.1450
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5050	0.1980	0.3886	0.2148	0.5154
student-depression			0.8061	0.1939	0.7992	0.5980	0.6585
student-habits			0.4100	0.2360	0.3487	0.1397	0.6339
student-weekend			0.3231	0.2708	0.2130	0.0804	0.7690
student-workday			0.7188	0.1125	0.2627	0.2849	0.4396
studentap			0.2308	0.5128	0.2388	-0.1607	0.8045
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7902	0.2098	0.7887	0.5731	0.6715
susy10%			0.7944	0.2056	0.7939	0.5805	0.6542
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.5344	0.2000	0.5887
telco-churn			0.8821	0.1179	0.8451	0.6888	0.5266
texture			0.9945	0.0010	0.9949	0.9940	0.0085
theorem			0.9984	0.0016	0.9983	0.9966	0.0176
thoracic			0.7447	0.2553	0.4268	-0.1417	0.8293
thrombin			0.9738	0.0262	0.4934	-0.0084	0.5340
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8788	0.1212	0.8394	0.6787	0.5589
tis10%			0.7239	0.2761	0.7073	0.3874	0.7272
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4545	0.6444	0.0398
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.4706	0.5294	0.4411	-0.1168	0.9859
toxicity-13f			0.6471	0.3529	0.6136	0.2273	0.8920
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5824	0.1641	0.8579
trec11-wc			0.8780	0.0271	0.7741	0.8513	0.1157
trec12-wc			0.8387	0.0403	0.8333	0.8058	0.1218
trec21-wc			0.8788	0.0404	0.5548	0.7672	0.2626
trec23-wc			0.9048	0.0317	0.8768	0.8700	0.0833
trec31-wc			0.9462	0.0154	0.7748	0.9286	0.0697
trec41-wc			0.8636	0.0273	0.7107	0.8314	0.1235
trec45-wc			0.8406	0.0319	0.7561	0.8149	0.1526
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.8000	0.1000	0.8014	0.7333	0.2465
tvnews			0.9017	0.0983	0.8941	0.7883	0.4438

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews1%			0.9308	0.0692	0.9272	0.8533	0.3522
tvnews10%			0.8913	0.1087	0.8830	0.7659	0.4723
ur3_cobotops_grip			0.9701	0.0299	0.6952	0.3403	0.4424
ur3_cobotops_stop			0.9741	0.0259	0.7790	0.5016	0.2957
urban			0.8507	0.0332	0.8664	0.8260	0.1335
urinalysis			0.9021	0.0979	0.5366	0.0731	0.6584
ustilago1%			0.9853	0.0147	0.4963	-0.0066	0.5661
ustilago10%			0.9850	0.0150	0.5224	0.0394	0.5602
vehicle			0.7857	0.1071	0.7683	0.7128	0.1897
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.6566	0.0624	0.7013	0.6222	0.1864
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9134	0.0866	0.6766	0.3207	0.5807
wap-wc			0.7308	0.0269	0.6221	0.7016	0.2143
warpar10p			0.6154	0.0769	0.4741	0.5667	0.1115
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.3814	0.1767	0.4709	0.2833	0.3359
watch-acc1%			0.8636	0.0390	0.8599	0.8405	0.1665
watch-acc10%			0.5955	0.1156	0.6701	0.5313	0.2738
watch-gyr			0.3045	0.1987	0.4188	0.1927	0.3502
watch-gyr1%			0.8269	0.0495	0.8249	0.7979	0.2021
watch-gyr10%			0.8591	0.0403	0.8548	0.8355	0.1843
water_pollution			0.2400	0.3800	0.2377	-0.0140	0.8732
waveform			0.8020	0.1320	0.8029	0.7031	0.4240
weather-related			0.9596	0.0073	0.9554	0.9542	0.0575
web-phishing			0.8741	0.0840	0.8531	0.7792	0.3722
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.9755	0.0098	0.9743	0.9691	0.0612
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			1.0000	0.0000	1.0000	1.0000	0.0000
wilt			0.9938	0.0062	0.9699	0.9379	0.2404
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6478	0.1174	0.3284	0.4414	0.4903
winequality-white			0.6135	0.1104	0.3608	0.4285	0.5067
winnipeg			0.8559	0.0412	0.8517	0.8186	0.0838
winnipeg10%			0.9923	0.0022	0.9802	0.9903	0.0436
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7467	0.7983	0.0412
yeast			0.5878	0.0824	0.4383	0.4749	0.3873
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9459	0.0541	0.6564	0.3060	0.6026
zip			0.9495	0.0101	0.9450	0.9434	0.0841

Table 38: Detailed results for DL (Small)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1542	0.0806	0.1209	0.0694	0.5722
abalone19		0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9834	0.0166	0.6788	0.2683	0.3488
accident		0.7000	0.3000	0.7000	0.4000	0.8211
ads		0.9695	0.0305	0.9358	0.8712	0.2692
adult		0.8569	0.1431	0.7883	0.5660	0.5864
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.7937	0.2063	0.5138	0.0256	0.6518
AID_1431_MACCSFingerprinter		0.8492	0.1508	0.5066	0.0132	0.7200
AID_1878		0.7619	0.2381	0.5327	0.0622	0.8294
AID_602330		0.9323	0.0677	0.4825	-0.0331	0.6496
AID_652128		0.8182	0.1212	0.3407	0.0601	0.6334
AID1284Morered		0.6111	0.3889	0.4517	-0.0815	0.6957
AID1284red		0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered		0.8350	0.1650	0.5612	0.1098	0.6021
AID1608red		0.8447	0.1553	0.5203	0.0363	0.5734
AID362red		0.9907	0.0093	0.7985	0.4965	0.0365
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9988	0.0012	0.4997	-0.0003	0.4066
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9930	0.0070	0.4982	-0.0034	0.4755
AID604		0.9967	0.0033	0.6919	0.1108	0.0155
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9955	0.0045	0.5594	0.1154	0.5433
AID688red		0.9868	0.0132	0.4967	-0.0057	0.5585
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.4444	0.5556	0.3077	-0.3636	0.8576
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9935	0.0065	0.5782	0.0912	0.3851
aids		0.8779	0.1221	0.8346	0.6693	0.5619
air_pollution		0.3133	0.1962	0.1077	-0.0042	0.7903
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.9554	0.0446	0.9548	0.9088	0.2332
alcohol		0.8095	0.0762	0.5474	0.5865	0.3418
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8186	0.1814	0.8010	0.6019	0.6488
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family		0.9875	0.0063	0.9541	0.9762	0.0381
anuran-genus		0.9694	0.0076	0.9108	0.9498	0.1473
anuran-species		0.9792	0.0042	0.9462	0.9711	0.0617
anxiety		0.1250	0.1944	0.1338	0.0152	0.7920
apple-quality		0.9350	0.0650	0.9350	0.8700	0.3210
aps-failure		0.9854	0.0146	0.8121	0.6214	0.5102
arabidopsis0.1%		0.9382	0.0618	0.4841	-0.0154	0.2260
arabidopsis1%		0.9909	0.0091	0.6148	0.2012	0.4967
arabidopsis10%		0.4921	0.4899	0.5339	0.0037	0.0550
arcene		0.6000	0.4000	0.6561	0.2593	0.7573

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.7111	0.0444	0.2962	0.5386	0.2507
auction		0.9608	0.0392	0.9069	0.8044	0.2302
audiology		0.9091	0.0165	0.9441	0.8932	0.0495
audit-risk		0.9744	0.0256	0.9732	0.9465	0.1658
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.9857	0.0143	0.9820	0.9633	0.0649
autism-child		0.9310	0.0690	0.9310	0.8619	0.3353
autos		0.8500	0.0500	0.7266	0.8000	0.1088
avila		0.7168	0.0472	0.6307	0.6293	0.3940
babies		0.4274	0.1636	0.1772	0.1311	0.5472
balance		0.9839	0.0108	0.9516	0.9707	0.0267
bank		0.9041	0.0959	0.7681	0.5356	0.6150
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8871	0.1129	0.8765	0.7517	0.4754
basehock		0.9698	0.0302	0.9698	0.9397	0.1825
bio		0.9975	0.0025	0.9257	0.8475	0.1596
bio10%		0.9918	0.0082	0.8014	0.5959	0.5217
biodeg		0.8667	0.1333	0.8684	0.7278	0.5065
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9338	0.0038	0.0332	-0.0037	0.8150
bitcoin1%		0.9853	0.0042	0.1418	-0.0009	0.1260
bitcoin10%		0.1030	0.1631	0.0957	0.0002	0.1087
body-perf		0.7448	0.1276	0.7469	0.6597	0.3913
bookings		0.9861	0.0093	0.7628	0.9705	0.0527
brain-tumor		0.4895	0.5105	0.4893	-0.0213	1.0000
breast-cancer		0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co		0.9091	0.0909	0.9141	0.8136	0.2846
breast-cancer-ma		0.4545	0.5455	0.4500	-0.1000	1.0000
breast-tissue		0.5455	0.1515	0.4706	0.4500	0.2373
bridges		0.8000	0.0571	0.4898	0.7143	0.0589
bub10at310k-hg16-17		0.9095	0.0905	0.6013	0.0499	0.3411
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4660	0.3560	0.3208	0.0108	0.5792
car		0.9713	0.0144	0.9797	0.9390	0.0880
car-insurance		0.8220	0.1780	0.7897	0.5788	0.6542
card		0.7971	0.2029	0.7903	0.5796	0.6728
cardiotocography		0.7981	0.0404	0.7560	0.7594	0.2347
cardiotocography-nsp		0.9108	0.0595	0.8422	0.7622	0.2785
cardiovascular		0.7313	0.2687	0.7313	0.4626	0.7781
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.6132	0.5437	0.2845
cas_N6512_cdk_ECFP2		0.7250	0.2750	0.7227	0.4452	0.7882
cas_N6512_rdkit_ATOMPAIR		0.7246	0.2754	0.7238	0.4474	0.7876
cas_N6512_RDkit_AtomPair_FP		0.7331	0.2669	0.7309	0.4616	0.7763
cas_N6512_rdkit_AVALON		0.7650	0.2350	0.7630	0.5258	0.7268
cas_N6512_RDkit_Avalon_FP		0.7837	0.2163	0.7820	0.5630	0.6927
cas_N6512_rdkit_descriptors		0.7631	0.2369	0.7616	0.5231	0.7304
cas_N6512_rdkit_FEATMORGAN		0.7250	0.2750	0.7228	0.4455	0.7883
cas_N6512_RDkit_Featmorgan_FP		0.7086	0.2914	0.7075	0.4148	0.8101
cas_N6512_RDkit_FP		0.7684	0.2316	0.7668	0.5335	0.7216
cas_N6512_rdkit_LAYERED		0.7846	0.2154	0.7836	0.5671	0.6936
cas_N6512_RDkit_Layered_FP		0.7807	0.2193	0.7790	0.5578	0.7002
cas_N6512_rdkit_MACCS		0.7880	0.2120	0.7871	0.5740	0.6874

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7929	0.2071	0.7926	0.5847	0.6773
cas_N6512_rdkit_MORGAN		0.7462	0.2538	0.7467	0.4921	0.7529
cas_N6512_RDkit_morgan_FP		0.7454	0.2546	0.7443	0.4885	0.7579
cas_N6512_rdkit_PATTERN		0.7508	0.2492	0.7519	0.5019	0.7438
cas_N6512_RDkit_pattern_FP		0.7761	0.2239	0.7756	0.5508	0.7073
cas_N6512_rdkit_RDKITFP		0.7542	0.2458	0.7523	0.5040	0.7437
cas_N6512_rdkit_TORSION		0.7123	0.2877	0.7098	0.4191	0.8055
ccds		0.9641	0.0359	0.6873	0.2716	0.3528
ccds1%		0.8764	0.1236	0.5406	0.0655	0.4865
ccds10%		0.5260	0.4883	0.5080	0.0072	0.2316
cdc_diabetes		0.8491	0.1006	0.4247	0.1986	0.3183
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8083	0.1917	0.7957	0.5896	0.6635
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9490	0.0510	0.7021	0.4041	0.6000
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9114	0.0886	0.5944	0.1849	0.6227
CDS49_AID687_Rdkit-ecfp4-fp		0.9927	0.0073	0.4982	-0.0032	0.4017
census		0.8986	0.1178	0.6753	0.3016	0.6006
census10%		0.9398	0.0602	0.6932	0.3773	0.5859
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.8837	0.1163	0.4691	-0.0591	0.7049
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9419	0.0581	0.7728	0.5169	0.5762
cervical-S		0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia		0.9277	0.0361	0.8820	0.8921	0.1717
chrom19		0.7533	0.2347	0.4734	-0.0007	0.0117
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9991	0.0009	0.7856	0.5710	0.4672
chrom211%		0.9961	0.0039	0.4990	-0.0013	0.2620
chrom2110%		0.5170	0.4894	0.6017	0.0005	0.0014
chronic-kidney		0.8373	0.1627	0.4903	-0.0191	0.6764
churn		0.8510	0.1490	0.7495	0.4880	0.6341
churn-bigml		0.8614	0.1386	0.7428	0.4830	0.6685
ci900367j_MACCS		0.6632	0.3368	0.6504	0.2995	0.8637
circles		0.6220	0.0076	0.6202	0.6182	0.0894
cirrhosis		0.8095	0.1270	0.6893	0.6599	0.4596
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8639	0.0681	0.7775	0.7903	0.3240
climate		0.9815	0.0185	0.9290	0.8475	0.0659
cll_sub_111		0.6667	0.2222	0.6933	0.4667	0.4938
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5102	0.3265	0.4866	0.2393	0.7058
cnae-9		0.9259	0.0165	0.9282	0.9167	0.0797
codon_usage		0.8787	0.0220	0.6705	0.8526	0.2104
coil20		0.9792	0.0021	0.9798	0.9781	0.0152
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.5600	0.0587	0.4483	0.5154	0.2431
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2		0.5172	0.4828	0.4119	-0.1469	0.9929
colposcopies-3		0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4		0.7241	0.2759	0.6548	0.3095	0.8231
colposcopies-5		0.8621	0.1379	0.7242	0.4257	0.6185
colposcopies-6		0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.5173	0.4948	0.4929	0.0111	0.9881
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cottonmeloidogyne		0.7163	0.2837	0.7164	0.4324	0.7985
coupon		0.6909	0.3091	0.6809	0.3588	0.8327
covtype		0.4802	0.1485	0.3915	0.1762	0.3312
covtype10%		0.7651	0.0671	0.6022	0.6128	0.3747
covtypeCD		0.9896	0.0104	0.9779	0.9557	0.1315
covtypeT		0.9805	0.0195	0.9229	0.8451	0.2747
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9993	0.0007	0.8938	0.7869	0.3051
creditcard_trans10%		0.9982	0.0018	0.8178	0.6146	0.5254
crowdsourced		0.9032	0.0323	0.7845	0.8017	0.3518
cryotherapy		0.7778	0.2222	0.7750	0.5500	0.7072
cultivars		0.2812	0.0359	0.1887	0.2633	0.1009
customer-churn		0.9836	0.0164	0.7499	0.4602	0.3763
cybersecurity		0.1967	0.2678	0.1964	0.0345	0.8620
cyclopentane		0.6296	0.3704	0.6201	0.2373	0.9000
cylinder-bands		0.6667	0.3333	0.6634	0.3259	0.8591
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1020	0.1796	0.0909	0.0023	0.7549
day1%		0.8747	0.1133	0.8675	0.7744	0.4971
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8253	0.1747	0.7145	0.4031	0.6564
defect		0.8920	0.1080	0.7839	0.5616	0.5715
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9049	0.0951	0.7572	0.5125	0.6033
depressed		0.7273	0.2727	0.4861	-0.0276	0.8355
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.4099	0.2000	0.4997
dexter		0.8833	0.1167	0.8835	0.7667	0.4763
df_final		0.4375	0.3750	0.4918	0.1111	0.6013
DIA		0.7333	0.2667	0.6921	0.3725	0.7649
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9618	0.0382	0.8647	0.7087	0.2615
diabetes-risk		0.9184	0.0816	0.8750	0.7499	0.4621
diabetic		0.3599	0.4404	0.3454	0.0125	0.7988
diabetic1%		0.4902	0.3399	0.4644	0.1667	0.7509
diabetic10%		0.4852	0.3466	0.3815	0.0407	0.6731
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7825	0.0870	0.7642	0.6935	0.3351
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.5833	0.4167	0.6000	0.1892	0.8935
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9968	0.0032	0.4992	-0.0007	0.3883
dna1%		0.4951	0.4912	0.4612	-0.0011	0.0223
dorothea		0.9043	0.0957	0.6645	0.3061	0.6194
dota2		0.5949	0.4051	0.5948	0.1894	0.9319
dota210%		0.5524	0.4476	0.5504	0.1008	0.9670
drebin		0.9847	0.0153	0.9837	0.9673	0.1179
dropout		0.7291	0.1806	0.6612	0.5556	0.5225
drug-01		0.3138	0.1960	0.1495	-0.0046	0.6839
drug-02		0.4521	0.1565	0.2077	0.1535	0.7044
drug-03		0.6596	0.0973	0.2084	0.1583	0.5050
drug-04		0.4840	0.1474	0.2546	0.1609	0.7755
drug-05		0.7074	0.0836	0.1187	-0.0222	0.5105
drug-06		0.3723	0.1793	0.2510	0.2164	0.6465

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-07		0.4149	0.1672	0.1380	0.0365	0.5260
drug-08		0.5266	0.1353	0.2001	0.1584	0.5557
drug-09		0.8351	0.0471	0.1312	0.0419	0.3646
drug-10		0.4947	0.1444	0.2010	0.1202	0.5813
drug-11		0.8351	0.0471	0.1800	0.1208	0.3564
drug-12		0.7394	0.0745	0.1843	0.0329	0.6225
drug-13		0.5904	0.1170	0.2063	0.2574	0.6118
drug-14		0.5372	0.1322	0.2310	0.2430	0.6001
drug-15		0.7234	0.0790	0.1679	0.1501	0.7182
drug-16		0.5372	0.1322	0.2297	0.2868	0.5251
drug-17		0.3723	0.1793	0.2138	0.1528	0.6784
drug-18		0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19		0.7287	0.0775	0.1448	0.0594	0.4716
drybean		0.9302	0.0199	0.9413	0.9155	0.1169
ecoli		0.7941	0.0515	0.4916	0.7180	0.1546
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2575	0.0140	0.8264
eeg		0.4256	0.0718	0.4095	0.3610	0.6011
eeg-eye		0.8478	0.1522	0.8459	0.6911	0.5648
eeg10%		0.3401	0.0825	0.2984	0.2673	0.6325
email_phishing		0.9870	0.0130	0.6475	0.0466	0.0972
eucalyptus		0.5616	0.1753	0.5259	0.4375	0.4744
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq		0.9728	0.0272	0.9728	0.9455	0.1690
exon.vs.intron-freq10%		0.9645	0.0355	0.9643	0.9287	0.2064
fakenews		0.5525	0.4475	0.5523	0.1045	0.9663
farm-ads		0.8706	0.1114	0.8936	0.7924	0.4565
fbis-wc		0.7642	0.0277	0.7172	0.7347	0.2144
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9216	0.0784	0.9227	0.8428	0.3566
financial-risk		0.8825	0.0392	0.6817	0.8171	0.2137
fishcatch		0.8125	0.0625	0.8486	0.7659	0.1160
flags		0.3500	0.1625	0.1593	0.1900	0.3609
fonts10%		0.1770	0.0108	0.0268	0.1559	0.3371
forest		0.9038	0.0481	0.9111	0.8682	0.1609
gas		0.9835	0.0055	0.9815	0.9799	0.0291
gastrointestinal		0.5625	0.2917	0.5576	0.3412	0.5111
gender		0.6063	0.2625	0.4504	0.1733	0.6545
gene		0.8612	0.0925	0.8445	0.7773	0.3529
german		0.6900	0.3100	0.6528	0.3049	0.8513
gestures		0.7877	0.1062	0.7895	0.7169	0.3618
gina		0.8934	0.1066	0.8936	0.7868	0.4497
gisette		0.9657	0.0343	0.9657	0.9314	0.2011
glass		0.7143	0.0952	0.7012	0.6062	0.3155
glass-g2		0.6875	0.3125	0.7115	0.3939	0.7489
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.7895	0.5000	0.5283
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8214	0.1786	0.8157	0.6311	0.6282

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.6000	0.2000	0.5958	0.4578	0.4065
gsalc		0.2222	0.2593	0.1224	0.1250	0.2499
haberman		0.7000	0.3000	0.6011	0.2012	0.8607
hapt		0.9405	0.0099	0.7466	0.9297	0.0797
har		0.8767	0.0493	0.8677	0.8440	0.2271
har70		0.7414	0.0762	0.4501	0.6268	0.3226
har701%		0.9097	0.0258	0.5354	0.8661	0.1151
har7010%		0.1612	0.2397	0.2628	0.0677	0.2913
harth		0.6493	0.0555	0.2618	0.5325	0.3834
harth1%		0.8381	0.0270	0.4346	0.7789	0.1698
harth10%		0.8469	0.0222	0.6122	0.8100	0.1599
hayes-roth		0.7500	0.1667	0.8075	0.6213	0.2879
hcc-survival		0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity		0.6900	0.1550	0.2350	-0.0410	0.5058
heart		0.7407	0.2593	0.7670	0.4987	0.6583
heart-attack		0.8065	0.1935	0.8096	0.6141	0.6376
heart-c		0.7000	0.3000	0.7067	0.4053	0.7972
heart-failure		0.9540	0.0460	0.9462	0.8908	0.2341
heart-quantum		0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%		0.8492	0.1508	0.8535	0.6988	0.5295
hepmass10%		0.8493	0.1507	0.8496	0.6986	0.5601
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6727	0.3273	0.6705	0.3401	0.8543
higgs1%		0.7041	0.2959	0.7025	0.4048	0.8164
higgs10%		0.7077	0.2923	0.7071	0.4141	0.8110
higher		0.3571	0.1607	0.2989	0.2455	0.2874
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.9123	0.0877	0.8437	0.6873	0.5171
hiva		0.9362	0.0638	0.5750	0.1489	0.6068
horse		0.6944	0.2037	0.6763	0.4817	0.5238
hotel-reservartions		0.8682	0.1318	0.8474	0.6922	0.5307
hr		0.7509	0.2491	0.5562	0.1089	0.7495
ht-sensor		0.8889	0.0741	0.8906	0.8328	0.2720
ht-sensor10%		0.9057	0.0629	0.9071	0.8579	0.2473
htru2		0.9782	0.0218	0.9334	0.8665	0.2661
hypothyroid		0.9682	0.0159	0.6354	0.8052	0.2268
hypothyroidT		0.9894	0.0106	0.9626	0.9253	0.1918
ilpd		0.7119	0.2881	0.6069	0.1995	0.8360
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9713	0.0143	0.9716	0.9618	0.0644
ionosphere		0.8571	0.1429	0.8291	0.6421	0.5116
iris		0.8667	0.0889	0.8500	0.7973	0.2122
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8203	0.0138	0.8224	0.8131	0.1550
jm1		0.8090	0.1910	0.6150	0.1747	0.6770
jvowels		0.9548	0.0100	0.9511	0.9488	0.0758
kc1		0.8626	0.1374	0.6890	0.3408	0.6188
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6923	0.1231	0.5121	0.4348	0.3415
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007		0.8172	0.0426	0.7090	0.8091	0.2561
kddcup981%		0.8526	0.1474	0.4602	-0.0726	0.5557

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup9810%		0.4927	0.4998	0.5043	0.0077	0.2909
kddcup991%		0.9972	0.0004	0.7877	0.9952	0.0139
kddcup9910%		0.1969	0.0698	0.0143	0.0000	0.1549
kepler		0.8818	0.0788	0.8384	0.8059	0.2170
kidney		0.7936	0.0826	0.1845	-0.0026	0.2505
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.5201	0.0533	0.3866	0.4613	0.3681
krvskp		0.9906	0.0094	0.9907	0.9812	0.0652
la1s-wc		0.8349	0.0550	0.8008	0.7920	0.2749
la2s-wc		0.7450	0.0850	0.7147	0.6816	0.4024
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0256	0.7223	0.6915	0.0759
led24		0.5000	0.1000	0.4371	0.4334	0.2237
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7470	0.0195	0.7519	0.7368	0.2387
leukemia		0.7143	0.1905	0.7738	0.5758	0.3077
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.7778	0.0296	0.7745	0.7612	0.0966
linkage		1.0000	0.0037	0.8540	0.6639	0.5305
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0001
liver		0.6176	0.3824	0.5940	0.1845	0.8870
loan		0.9930	0.0070	0.9926	0.9850	0.0419
localization		0.6017	0.0724	0.3228	0.4888	0.4256
localization10%		0.5977	0.0731	0.3371	0.4807	0.4297
lrs		0.8868	0.0226	0.6302	0.8430	0.0848
lung		0.8571	0.0571	0.8780	0.7418	0.1803
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7323	0.7938	0.1780
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.8936	0.1064	0.8904	0.7809	0.4568
madelon		0.5654	0.4346	0.5658	0.1308	0.9539
magic04		0.8716	0.1284	0.8577	0.7147	0.5238
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7708	0.2292	0.7721	0.5423	0.7111
marketing		0.8839	0.1161	0.7469	0.4865	0.6141
maternal		0.6436	0.2376	0.6590	0.4575	0.5540
math		0.7250	0.1375	0.6403	0.5896	0.3909
mba		0.8210	0.1194	0.4034	0.1924	0.3929
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.1900	0.3240	0.1890	-0.0154	0.8740
messidor		0.7565	0.2435	0.7618	0.5158	0.7179
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9600	0.0080	0.9611	0.9556	0.0475
mfeat-fou		0.7700	0.0460	0.7724	0.7444	0.2076
mfeat-kar		0.9000	0.0200	0.9022	0.8889	0.1177
mfeat-mor		0.7350	0.0530	0.7319	0.7056	0.1894
mfeat-pix		0.9450	0.0110	0.9470	0.9389	0.0664
mfeat-zer		0.8000	0.0400	0.7817	0.7778	0.1465

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5269	0.4457	0.3849
mobile		0.3881	0.0219	0.3736	0.3770	0.2451
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9836	0.0164	0.9824	0.9641	0.1262
monks-3		0.9464	0.0536	0.9488	0.8923	0.2137
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4983	0.0912	0.5049	0.3942	0.5109
musk		0.9970	0.0030	0.9942	0.9883	0.0163
MUT_ci300400a_cdk_ECFP2		0.7818	0.2182	0.7745	0.5487	0.7032
MUT_ci300400a_cdk_ECFP4		0.7784	0.2216	0.7730	0.5459	0.7088
MUT_ci300400a_cdk_ECFP6		0.7473	0.2527	0.7413	0.4825	0.7588
MUT_ci300400a_cdk_ESTATE		0.7506	0.2494	0.7410	0.4804	0.7527
MUT_ci300400a_cdk_EXTENDED		0.8249	0.1751	0.8194	0.6385	0.6208
MUT_ci300400a_cdk_FCFP2		0.7892	0.2108	0.7815	0.5618	0.6877
MUT_ci300400a_cdk_FCFP4		0.7830	0.2170	0.7766	0.5532	0.7016
MUT_ci300400a_cdk_FCFP6		0.7602	0.2398	0.7557	0.5109	0.7369
MUT_ci300400a_cdk_MACCS		0.8046	0.1954	0.7976	0.5940	0.6587
MUT_ci300400a_cdk_PUBCHEM		0.8383	0.1617	0.8326	0.6631	0.5847
MUT_ci300400a_cdk_STANDARD		0.8000	0.2000	0.7942	0.5884	0.6709
MUT_ci300400a_rdkit_descriptors		0.7970	0.2030	0.7931	0.5862	0.6746
myocardial		0.8118	0.0471	0.3233	0.3571	0.5455
naticusdroid		0.9717	0.0283	0.9717	0.9434	0.1737
NCI60		0.5000	0.1667	0.4545	0.4000	0.1855
nci9		0.1667	0.1852	0.0556	0.0323	0.1875
ncRNA		0.7776	0.0222	0.1367	0.4809	0.6694
ncRNA1%		0.8834	0.0123	0.3276	0.6654	0.3651
ncRNA10%		0.8924	0.0096	0.5137	0.7180	0.2057
neo		0.9122	0.0878	0.6763	0.2457	0.4362
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.1317	0.0389	0.0777	0.1060	0.6968
newspop		0.6521	0.3479	0.6514	0.3027	0.8774
NHANES_age_prediction		0.9956	0.0044	0.9917	0.9833	0.0224
nomao		0.9489	0.0511	0.9374	0.8747	0.3037
NPHA-doctor-visits		0.4444	0.3704	0.3787	0.0467	0.7740
nursery		1.0000	0.0000	0.8000	1.0000	0.0000
obesity		0.9147	0.0244	0.9126	0.9004	0.1146
obs		0.9537	0.0231	0.9665	0.9312	0.0906
occupancy		0.9893	0.0107	0.9852	0.9702	0.1211
Occupancy_Estimation		0.9911	0.0044	0.9680	0.9729	0.0180
oh0-wc		0.7228	0.0554	0.7242	0.6859	0.2576
oh10-wc		0.4952	0.1010	0.4536	0.4323	0.4487
oh15-wc		0.6087	0.0783	0.5206	0.5566	0.3546
oh5-wc		0.6154	0.0769	0.6017	0.5680	0.3548
ohscal-wc		0.5208	0.0982	0.4997	0.4682	0.5761
olive		0.9298	0.0156	0.9293	0.9129	0.0693
opn310k		0.9122	0.0878	0.6453	0.2102	0.5076
opn310k10%		0.8923	0.1077	0.6484	0.2958	0.6781
opnat310k-hg16-17		0.9128	0.0872	0.6518	0.2295	0.5157
optdigits		0.9591	0.0082	0.9592	0.9545	0.0642
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.7750	0.0112	0.7216	0.7692	0.0377
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr		0.9565	0.0435	0.6267	0.2452	0.5959

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ozone8hr		0.8814	0.1186	0.5517	0.1030	0.6959
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8093	0.1907	0.7901	0.5798	0.6699
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8647	0.7293	0.5256
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9726	0.0110	0.7779	0.8384	0.2123
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.7773	0.2227	0.7653	0.5303	0.7170
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.9297	0.0703	0.9123	0.8245	0.3761
particle10%		0.9185	0.0815	0.9029	0.8040	0.4271
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac		0.4742	0.5258	0.4651	-0.0697	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8947	0.1053	0.8653	0.7288	0.5149
pediatric-leukemia		0.7647	0.0672	0.6730	0.7164	0.1598
pendigits		0.9791	0.0042	0.9790	0.9767	0.0360
period		0.4444	0.5556	0.5000	0.0000	0.8722
period-10f		0.4444	0.5556	0.4208	-0.1538	0.9711
persistency		0.7464	0.2536	0.7302	0.4603	0.7680
personalities		0.8142	0.0232	0.8148	0.8018	0.2430
pet-adoption		0.9050	0.0950	0.8911	0.7810	0.4286
phishing		0.9673	0.0327	0.9657	0.9315	0.1998
PhiUSIIL		0.9833	0.0167	0.9833	0.9660	0.1096
PhiUSIIL10%		0.9958	0.0042	0.9957	0.9913	0.0299
phone-acc0.1%		0.8507	0.0427	0.8396	0.8254	0.1440
phone-acc1%		0.7024	0.0850	0.7329	0.6528	0.1955
phone-acc10%		0.6149	0.1139	0.5794	0.5494	0.3786
phone-gyr0.1%		0.8256	0.0498	0.8130	0.7958	0.1626
phone-gyr1%		0.8420	0.0451	0.8249	0.8151	0.1453
phone-gyr10%		0.5597	0.1249	0.5407	0.4783	0.4010
phoneme		0.8463	0.1537	0.8083	0.6162	0.6155
phy		0.7000	0.3000	0.7085	0.3990	0.7743
pima		0.7105	0.2895	0.6891	0.3724	0.8092
pirvision		1.0000	0.0000	1.0000	1.0000	0.0000
placement		0.7870	0.2130	0.7801	0.5595	0.6927
plant-growth		0.5789	0.4211	0.5843	0.1648	0.9308
plrx		0.6111	0.3889	0.4834	-0.0328	0.9365
poker		0.4997	0.1001	0.0666	0.0000	0.1726
poker1%		0.4859	0.1028	0.0977	0.0188	0.2787
poker10%		0.5677	0.0865	0.2058	0.1831	0.2974
polish-1st		0.9616	0.0384	0.6535	0.2548	0.4860
polish-2nd		0.9587	0.0413	0.5787	0.0775	0.4155
polish-3rd		0.9495	0.0505	0.5641	0.0592	0.4351
polish-4th		0.9459	0.0541	0.6763	0.3351	0.5695
polish-5th		0.9442	0.0558	0.7341	0.4160	0.4345
polya		0.7578	0.2422	0.7369	0.4738	0.7546
popularity		0.6615	0.2256	0.4159	0.2292	0.4749
post-operative		0.7778	0.1481	0.5000	0.5000	0.3648
postures		0.9635	0.0146	0.9633	0.9544	0.0852
pred-tox_mutagen_ref-desc		0.6324	0.3676	0.6338	0.2647	0.8906
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.3030	0.1072	0.2358	0.2239	0.3381
processed		0.9998	0.0002	0.9998	0.9995	0.0027
profb		0.8060	0.1940	0.7827	0.5652	0.6799
promoters		0.8000	0.2000	0.7917	0.5833	0.6737
prostate		0.5714	0.4286	0.5310	0.0455	0.8750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9736	0.0106	0.9557	0.9646	0.0816
puc-rio10%			0.9698	0.0121	0.9495	0.9595	0.0784
pufs-1281%			0.4995	0.5005	0.4995	-0.0010	1.0000
pufs-12810%			0.4870	0.5006	0.5029	-0.0011	0.9906
pufs-641%			0.5017	0.4983	0.5017	0.0034	0.9989
pufs-6410%			0.4976	0.5024	0.4975	-0.0049	0.9964
pulsar			0.9824	0.0176	0.9470	0.8939	0.2266
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%			0.6185	0.0144	0.1957	0.5796	0.3478
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.7733	0.0349	0.6469	0.7145	0.3789
re1-wc			0.5783	0.0337	0.3739	0.5323	0.3804
rejafada			0.9749	0.0251	0.7787	0.4356	0.0807
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.4056	0.0185	0.0404	0.2525	1.0000
rice			0.9868	0.0132	0.9867	0.9733	0.0957
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6517	0.3483	0.6518	0.2998	0.8636
RT_IOT2022			0.1436	0.1427	0.4311	0.1119	0.1033
satimage			0.8927	0.0358	0.8739	0.8678	0.1765
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9393	0.0607	0.8102	0.5908	0.3830
scadi			0.7143	0.0816	0.3896	0.6111	0.0825
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.5588	0.4412	0.5616	0.1176	0.9407
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9167	0.0833	0.4783	-0.0305	0.6521
secondary_mushroom			0.9998	0.0002	0.9998	0.9997	0.0019
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9524	0.0136	0.9557	0.9443	0.0665
segmentation			0.8366	0.1634	0.8185	0.6337	0.5976
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9186	0.0814	0.6200	0.2341	0.6521
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.6013	0.1055	0.5237
sens-10-gram			0.8714	0.1286	0.6466	0.2365	0.6017
sens-2-gram			0.7789	0.2211	0.5687	0.1354	0.7515
sens-3-gram			0.7684	0.2316	0.5754	0.1461	0.7392
sens-4-gram			0.7895	0.2105	0.5690	0.1373	0.7585
sens-5-gram			0.8000	0.2000	0.5769	0.1536	0.7600
sens-6-gram			0.8026	0.1974	0.5570	0.1138	0.7712
sens-7-gram			0.7921	0.2079	0.5638	0.1273	0.7630
sens-8-gram			0.7974	0.2026	0.5887	0.1762	0.7518
sens-9-gram			0.8368	0.1632	0.6111	0.2199	0.7442
sensorless			0.8896	0.0201	0.9020	0.8785	0.0839
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8848	0.1152	0.7810	0.5620	0.6182
shuttle			0.9995	0.0001	0.8450	0.9985	0.0141
sick			0.9682	0.0318	0.8573	0.6981	0.2956
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9996	0.0004	0.9993	0.9986	0.0106
skin10%			0.9996	0.0004	0.9994	0.9988	0.0098
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1800	0.4100	0.1788	-0.0928	0.8819
smk_can_187			0.6842	0.3158	0.7324	0.3448	0.4882
smoking			0.7590	0.2410	0.7499	0.4968	0.7379
soil_pollution			0.2467	0.3013	0.2434	0.0566	0.8302

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
solar-flare			0.7554	0.0815	0.6080	0.6891	0.2212
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.9706	0.0031	0.9894	0.9677	0.0170
spam-detection			0.9545	0.0455	0.8635	0.7270	0.4511
spambase			0.9152	0.0848	0.9113	0.8225	0.3951
spect			0.7407	0.2593	0.6469	0.2921	0.7993
spectf			0.9429	0.0571	0.9304	0.8511	0.1808
spectrometer			0.6538	0.0256	0.5207	0.6332	0.1046
splice-EI			0.9211	0.0789	0.8969	0.7936	0.4308
splice-IE			0.9054	0.0946	0.8703	0.7404	0.4902
sport-articles			0.8100	0.1900	0.7974	0.5947	0.6609
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.9677	0.0323	0.9666	0.9310	0.1967
steel_industry			0.8719	0.0854	0.8402	0.7918	0.2721
steel-b			0.8154	0.1846	0.7171	0.4340	0.7217
steel-d			0.9744	0.0256	0.8355	0.6539	0.5313
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.7795	0.2205	0.7599	0.5195	0.7203
steel-p			0.8923	0.1077	0.6102	0.2184	0.6871
steel-s			0.9897	0.0103	0.9348	0.8697	0.2729
steel-z			0.9538	0.0462	0.8788	0.7549	0.4647
stellar			0.7809	0.1461	0.7541	0.5513	0.2700
stock			0.8611	0.1389	0.7653	0.5306	0.6507
stockb			0.8767	0.0822	0.8930	0.8151	0.1396
streaming			0.9800	0.0200	0.9798	0.9596	0.1339
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6300	0.1480	0.3546	0.3997	0.4259
student-depression			0.8251	0.1749	0.8189	0.6374	0.6201
student-habits			0.3400	0.2640	0.1995	0.0467	0.7827
student-weekend			0.2615	0.2954	0.2241	0.0229	0.7810
student-workday			0.7344	0.1062	0.2698	0.3204	0.3409
studentap			0.3846	0.4103	0.3805	0.0714	0.8076
susy1%			0.8006	0.1994	0.7992	0.5945	0.6525
susy10%			0.7990	0.2010	0.7974	0.5917	0.6581
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4582	0.2000	0.6785
telco-churn			0.8920	0.1080	0.8648	0.7288	0.5136
texture			0.9945	0.0010	0.9947	0.9940	0.0079
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.6809	0.3191	0.4639	-0.0698	0.7727
thrombin			0.9138	0.0821	0.7377	0.3031	0.3996
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9764	0.9529	0.1491
tis			0.8452	0.1548	0.7968	0.5931	0.6376
tis10%			0.7313	0.2687	0.7047	0.3886	0.7393
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.7647	0.1176	0.7687	0.6866	0.2330
toxicity			0.4706	0.5294	0.4411	-0.1168	0.9859
toxicity-13f			0.5294	0.4706	0.5218	0.0423	0.9411
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.5716	0.1431	0.8650
trec11-wc			0.6341	0.0813	0.6295	0.5796	0.2991
trec12-wc			0.7419	0.0645	0.7538	0.6915	0.2115
trec21-wc			0.9091	0.0303	0.7612	0.8322	0.1944

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec23-wc			0.7619	0.0794	0.6938	0.6645	0.2340
trec31-wc			0.9032	0.0277	0.7484	0.8717	0.1465
trec41-wc			0.8523	0.0295	0.8410	0.8239	0.1682
trec45-wc			0.7101	0.0580	0.6539	0.6637	0.2756
tuandromd			0.9821	0.0179	0.9719	0.9434	0.1312
turkish			0.8500	0.0750	0.8541	0.8000	0.1732
tvnews			0.8985	0.1015	0.8904	0.7808	0.4515
tvnews1%			0.8615	0.1385	0.8514	0.7027	0.5500
tvnews10%			0.8782	0.1218	0.8695	0.7390	0.5092
ur3_cobotops_grip			0.9687	0.0313	0.6839	0.3291	0.4803
ur3_cobotops_stop			0.9701	0.0299	0.7391	0.4365	0.4116
urban			0.8060	0.0431	0.7697	0.7734	0.1749
urinalysis			0.9091	0.0909	0.5939	0.1871	0.6495
ustilago1%			0.9072	0.0928	0.4757	-0.0178	0.1826
ustilago10%			0.4894	0.4925	0.5476	0.0074	0.0707
vehicle			0.8095	0.0952	0.7885	0.7436	0.2316
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5455	0.0826	0.5840	0.5000	0.2041
vowelZ			0.9394	0.0606	0.7873	0.5417	0.4133
vrnormat310k-hg16-17			0.9174	0.0826	0.7211	0.4351	0.5997
wap-wc			0.6474	0.0353	0.4423	0.6111	0.2867
warpar10p			0.7692	0.0462	0.7916	0.7434	0.0841
warppie10p			0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc1%			0.8215	0.0510	0.8143	0.7910	0.1813
watch-acc10%			0.8147	0.0529	0.8185	0.7831	0.1803
watch-gyr			0.2746	0.2073	0.3690	0.1580	0.3796
watch-gyr1%			0.8038	0.0561	0.8078	0.7710	0.1766
watch-gyr10%			0.7380	0.0749	0.7658	0.6933	0.1952
water_pollution			0.2200	0.3900	0.2241	-0.0372	0.8664
waveform			0.8320	0.1120	0.8324	0.7480	0.3814
weather-related			0.9673	0.0059	0.9673	0.9630	0.0485
web-phishing			0.8889	0.0741	0.8735	0.8058	0.3294
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9376	0.0250	0.9342	0.9210	0.1327
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9959	0.0041	0.9793	0.9578	0.1858
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6164	0.1279	0.3340	0.3877	0.5650
winequality-white			0.5501	0.1285	0.2845	0.2995	0.5336
winnipeg			0.5260	0.1354	0.7263	0.4365	0.1995
winnipeg10%			0.9890	0.0032	0.9779	0.9860	0.0300
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.5625	0.0583	0.5217	0.5254	0.1292
yeast			0.5405	0.0919	0.3648	0.4044	0.3624
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9527	0.0473	0.6808	0.3410	0.5495
zip			0.9161	0.0168	0.9084	0.9061	0.1317

Table 39: Detailed results for DT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1590	0.0801	0.1290	0.0787	0.6116
abalone19		0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9819	0.0181	0.6618	0.2849	0.4721
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
ads		0.9634	0.0366	0.9208	0.8364	0.2304
adult		0.8546	0.1454	0.7922	0.5828	0.6186
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_KlekotaRothFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_MACCSFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878		0.7524	0.2476	0.5246	0.0475	0.8368
AID_602330		0.9323	0.0677	0.4825	-0.0331	0.6496
AID_652128		0.8384	0.1077	0.3503	0.0435	0.4040
AID1284Morered		0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red		0.7778	0.2222	0.6049	0.2044	0.7424
AID1608Morered		0.8835	0.1165	0.4691	-0.0600	0.6992
AID1608red		0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red		0.9813	0.0187	0.4953	-0.0071	0.5505
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9982	0.0018	0.4995	-0.0009	0.5226
AID439Morered		0.8571	0.1429	0.8250	0.5882	0.5283
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed		0.9988	0.0012	0.6826	0.3631	0.5151
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7000	0.3000	0.6429	0.2857	0.8453
AID687AID721red		0.9979	0.0021	0.4995	-0.0009	0.3503
AID687red		0.9961	0.0039	0.5730	0.1316	0.5215
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red		0.4444	0.5556	0.3077	-0.3636	0.8576
AID746AID1284red		0.9987	0.0013	0.4997	-0.0005	0.5055
AID746red		0.9928	0.0072	0.5322	0.0421	0.4677
aids		0.8592	0.1408	0.7963	0.5801	0.5679
air_pollution		0.3500	0.1857	0.1346	-0.0037	0.7513
air-booking		0.8480	0.1520	0.5760	0.0659	0.5392
airline		0.9547	0.0453	0.9539	0.9076	0.2454
alcohol		0.8286	0.0686	0.6007	0.6200	0.4083
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.9209	0.0791	0.9134	0.8211	0.3298
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9944	0.0056	0.8601	0.7115	0.4836
anuran-family		0.9652	0.0174	0.9301	0.9334	0.0998
anuran-genus		0.9458	0.0136	0.8433	0.9105	0.1629
anuran-species		0.9528	0.0094	0.8925	0.9344	0.1406
anxiety		0.1167	0.1963	0.1148	0.0061	0.7987
apple-quality		0.8150	0.1850	0.8150	0.6300	0.6353
aps-failure		0.9895	0.0105	0.8357	0.6642	0.3608
arabidopsis		0.9919	0.0081	0.5766	0.0092	0.0894
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9838	0.0162	0.5457	0.0903	0.5253
arabidopsis10%		0.9911	0.0089	0.5367	0.0359	0.3938

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.5669	0.1304	0.9336
arrhythmia		0.7556	0.0489	0.5985	0.6102	0.2437
auction		1.0000	0.0000	1.0000	1.0000	0.0000
audiology		0.8182	0.0331	0.7889	0.7859	0.0873
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9500	0.0200	0.9520	0.9340	0.0427
avila		0.9919	0.0014	0.9741	0.9894	0.0490
babies		0.4032	0.1705	0.2043	0.1177	0.5796
balance		0.7581	0.1613	0.5535	0.5792	0.4507
bank		0.9065	0.0935	0.7499	0.4970	0.6029
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8226	0.1774	0.8034	0.5975	0.6078
basehock		0.9548	0.0452	0.9550	0.9096	0.2432
bio		0.9964	0.0036	0.8888	0.7661	0.1859
bio10%		0.9938	0.0062	0.8455	0.6866	0.4806
biodeg		0.8190	0.1810	0.8092	0.6182	0.6406
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9872	0.0012	0.1396	0.2670	0.2301
bitcoin1%		0.9849	0.0043	0.3541	0.1509	0.4431
bitcoin10%		0.9873	0.0023	0.2928	0.2666	0.3537
body-perf		0.6881	0.1560	0.6915	0.5841	0.4603
bookings		0.9909	0.0061	0.7996	0.9806	0.0558
brain-tumor		0.4880	0.5120	0.4878	-0.0242	1.0000
breast-cancer		0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue		0.7273	0.0909	0.7081	0.6667	0.1559
bridges		0.6000	0.1333	0.4553	0.3939	0.2435
bub10at310k-hg16-17		0.9124	0.0876	0.6660	0.2916	0.5732
bub12at310k-hg16-17		0.9108	0.0892	0.6536	0.2612	0.5724
bub8at310k-hg16-17		0.9109	0.0891	0.6779	0.3361	0.6092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4720	0.3520	0.3174	0.0068	0.6411
car		0.9770	0.0115	0.9665	0.9505	0.0674
car-insurance		0.8320	0.1680	0.8043	0.6087	0.6353
card		0.7391	0.2609	0.7289	0.4543	0.7662
cardiotocography		0.8028	0.0394	0.7793	0.7621	0.2373
cardiotocography-nsp		0.9155	0.0563	0.8512	0.7754	0.3274
cardiovascular		0.7284	0.2716	0.7285	0.4568	0.7817
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8000	0.1333	0.7004	0.6351	0.3539
cas_N6512_cdk_ECFP2		0.7343	0.2657	0.7403	0.4728	0.7510
cas_N6512_rdkit_ATOMPAIR		0.7046	0.2954	0.7026	0.4051	0.8163
cas_N6512_RDkit_AtomPair_FP		0.7239	0.2761	0.7247	0.4480	0.7848
cas_N6512_rdkit_AVALON		0.7619	0.2381	0.7599	0.5194	0.7316
cas_N6512_RDkit_Avalon_FP		0.7730	0.2270	0.7712	0.5418	0.7127
cas_N6512_rdkit_descriptors		0.7292	0.2708	0.7303	0.4588	0.7764
cas_N6512_rdkit_FEATMORGAN		0.7419	0.2581	0.7409	0.4817	0.7629
cas_N6512_RDkit_Featmorgan_FP		0.7592	0.2408	0.7605	0.5189	0.7299
cas_N6512_RDkit_FP		0.7025	0.2975	0.6999	0.3994	0.8188
cas_N6512_rdkit_LAYERED		0.7338	0.2662	0.7329	0.4657	0.7747
cas_N6512_RDkit_Layered_FP		0.7469	0.2531	0.7447	0.4886	0.7543

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7942	0.2058	0.7927	0.5825	0.6678
cas_N6512_RDkit_MACCS_FP		0.8021	0.1979	0.8015	0.6028	0.6609
cas_N6512_rdkit_MORGAN		0.7677	0.2323	0.7680	0.5349	0.7190
cas_N6512_RDkit_morgan_FP		0.7515	0.2485	0.7529	0.5037	0.7418
cas_N6512_rdkit_PATTERN		0.7492	0.2508	0.7522	0.5004	0.7398
cas_N6512_RDkit_pattern_FP		0.7423	0.2577	0.7425	0.4841	0.7597
cas_N6512_rdkit_RDKITFP		0.7112	0.2888	0.7091	0.4181	0.8074
cas_N6512_rdkit_TORSION		0.7108	0.2892	0.7176	0.4268	0.7824
ccds		0.9597	0.0403	0.6188	0.1457	0.4179
ccds1%		0.9066	0.0934	0.5319	0.0596	0.5582
ccds10%		0.9482	0.0518	0.5405	0.0722	0.6210
cdc_diabetes		0.8465	0.1024	0.4376	0.1994	0.3657
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7202	0.2798	0.7123	0.4182	0.7820
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7854	0.5278	0.3340
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9350	0.0650	0.4832	-0.0250	0.6338
CDS49_AID687_Rdkit-ecfp4-fp		0.9970	0.0030	0.4992	-0.0010	0.4761
census		0.9501	0.0499	0.7514	0.4724	0.4596
census10%		0.9462	0.0538	0.7148	0.4088	0.5312
central-nervous-system		0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B		0.9535	0.0465	0.8495	0.6895	0.5225
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9651	0.0349	0.8728	0.7101	0.5112
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9338	0.0331	0.9211	0.9012	0.1555
chrom19		0.9997	0.0003	0.9248	0.8475	0.1966
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9993	0.0007	0.8425	0.6839	0.4515
chrom21		0.9990	0.0008	0.5073	0.0197	0.3105
chrom211%		0.9984	0.0016	0.4996	-0.0008	0.5045
chrom2110%		0.9989	0.0011	0.4997	-0.0004	0.2749
chronic-kidney		0.8976	0.1024	0.6575	0.3147	0.6661
churn		0.8440	0.1560	0.7369	0.4629	0.6531
churn-bigml		0.9513	0.0487	0.8968	0.7842	0.2759
ci900367j_MACCS		0.6737	0.3263	0.6777	0.3457	0.8212
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7857	0.1429	0.6976	0.5819	0.4832
cjs		0.9964	0.0012	0.9962	0.9956	0.0059
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7528	0.1236	0.6051	0.6253	0.5207
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.8000	0.2000	0.5291	0.0566	0.7027
cmc		0.5646	0.2902	0.5471	0.3282	0.6855
cnae-9		0.8889	0.0247	0.8934	0.8750	0.1185
codon_usage		0.8350	0.0300	0.6710	0.7994	0.2780
coil20		0.9167	0.0083	0.9195	0.9123	0.0573
college		0.9351	0.0649	0.9166	0.8287	0.3041
collins		0.9800	0.0027	0.9667	0.9780	0.0066
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2		0.6552	0.3448	0.6219	0.2408	0.8849
colposcopies-3		0.5862	0.4138	0.5971	0.1869	0.9040
colposcopies-4		0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5		0.6897	0.3103	0.4082	-0.1810	0.8560
colposcopies-6		0.6897	0.3103	0.6957	0.3830	0.8108
colposcopies-c		0.6207	0.3793	0.5909	0.1671	0.8101
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.8387	0.1075	0.7914	0.7395	0.2576

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5246	0.4691	0.6098	0.0002	0.5218
comedy_comparisons1%		0.5162	0.4838	0.3405	-0.0018	0.5422
comedy_comparisons10%		0.5150	0.4707	0.5504	0.0115	0.5800
connect-4		0.9827	0.0115	0.6347	0.4186	0.1328
cottonmeloidogyne		0.7019	0.2981	0.7025	0.4042	0.8161
coupon		0.7019	0.2981	0.6925	0.3820	0.8183
covid19		0.5492	0.1288	0.2309	0.1954	0.3796
covtype		0.9476	0.0150	0.9157	0.9159	0.1573
covtype10%		0.8413	0.0453	0.7742	0.7445	0.3431
covtypeCD		0.9831	0.0169	0.9642	0.9284	0.1926
covtypeT		0.9787	0.0213	0.9178	0.8356	0.3229
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9995	0.0005	0.9233	0.8407	0.1267
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9051	0.0316	0.7761	0.8054	0.3430
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.4062	0.0371	0.3693	0.3871	0.1167
customer-churn		0.9830	0.0170	0.7527	0.4888	0.4454
cybersecurity		0.1433	0.2856	0.1441	-0.0282	0.8966
cyclopentane		0.5556	0.4444	0.5500	0.1000	0.9644
cylinder-bands		0.7963	0.2037	0.8026	0.5948	0.6428
darwin		0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1050	0.1790	0.1050	0.0055	0.9269
day1%		0.9795	0.0205	0.9778	0.9556	0.1458
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8130	0.1870	0.6932	0.3646	0.6946
defect		0.9352	0.0648	0.8756	0.7497	0.4212
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8934	0.1066	0.7183	0.4319	0.6353
depressed		0.8112	0.1888	0.5616	0.0994	0.7452
dermatology		0.9189	0.0270	0.9220	0.8987	0.0899
desharnais		0.6250	0.2500	0.6972	0.3846	0.3352
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
df_final		0.5625	0.2917	0.6117	0.3488	0.4574
DIA		0.8167	0.1833	0.7503	0.5000	0.6959
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k		0.9688	0.0312	0.8920	0.7612	0.1312
diabetes-risk		0.9181	0.0819	0.8721	0.7432	0.4503
diabetic		0.5744	0.2837	0.4399	0.1682	0.5973
diabetic1%		0.5098	0.3268	0.3228	0.0330	0.7304
diabetic10%		0.5619	0.2921	0.4260	0.1518	0.6511
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7544	0.0983	0.7551	0.6501	0.3221
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.5000	0.5000	0.5000	0.0000	0.9831
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.9952	0.0048	0.4988	-0.0023	0.5396
dna1%		0.9968	0.0032	0.5122	0.0118	0.3976
dna10%		0.9972	0.0028	0.4993	-0.0000	0.0207
dorothea		0.9478	0.0522	0.8492	0.6984	0.4802
dota2		0.5501	0.4499	0.5450	0.0885	0.9645
dota210%		0.5311	0.4689	0.5373	0.0722	0.9630
drebin		0.9754	0.0246	0.9738	0.9475	0.1689
dropout		0.7246	0.1836	0.6452	0.5429	0.5409

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.2979	0.2006	0.1126	-0.0327	0.6904
drug-02		0.3723	0.1793	0.2043	0.0727	0.7703
drug-03		0.6011	0.1330	0.1614	0.0440	0.6068
drug-04		0.4362	0.1611	0.1954	0.0557	0.7623
drug-05		0.6755	0.0927	0.1398	-0.0113	0.6537
drug-06		0.3777	0.1778	0.2894	0.2377	0.6625
drug-07		0.3883	0.2039	0.1893	0.0069	0.4461
drug-08		0.4415	0.1596	0.1679	0.0816	0.6517
drug-09		0.8404	0.0532	0.1722	0.0710	0.3701
drug-10		0.4840	0.1474	0.1892	0.1391	0.6461
drug-11		0.8032	0.0562	0.1523	0.0185	0.5277
drug-12		0.7181	0.0940	0.1855	0.0371	0.7862
drug-13		0.5426	0.1307	0.1765	0.1495	0.6628
drug-14		0.4947	0.1444	0.2181	0.1768	0.6983
drug-15		0.7074	0.0836	0.2009	0.1310	0.6167
drug-16		0.5266	0.1578	0.2709	0.2324	0.7303
drug-17		0.2926	0.2021	0.2094	0.0925	0.7765
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.6436	0.1018	0.1372	-0.0293	0.5476
drybean		0.9074	0.0265	0.9225	0.8881	0.1430
ecoli		0.8235	0.0588	0.6869	0.7551	0.1749
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.9091	0.0909	0.6822	0.3529	0.6260
ecommerce		0.3600	0.3200	0.3572	0.1450	0.7643
eeg		0.4173	0.0728	0.4132	0.3499	0.6243
eeg-eye		0.8405	0.1595	0.8387	0.6774	0.5843
eeg10%		0.3266	0.0842	0.2539	0.2480	0.6555
email_phishing		0.9875	0.0125	0.6673	0.1589	0.1944
eucalyptus		0.6849	0.1260	0.6745	0.5953	0.3455
euthyroid		0.9589	0.0411	0.8792	0.7570	0.3878
exon.vs.intron-freq		0.9656	0.0344	0.9655	0.9309	0.2023
exon.vs.intron-freq10%		0.9313	0.0687	0.9311	0.8621	0.3346
fakenews		0.4850	0.5150	0.4838	-0.0320	1.0000
farm-ads		0.8768	0.1232	0.8762	0.7521	0.4949
fbis-wc		0.7033	0.0349	0.6078	0.6639	0.2896
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.6275	0.3725	0.6212	0.2141	0.8410
financial-risk		0.9145	0.0285	0.7155	0.8652	0.1688
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.7000	0.0857	0.5928	0.6250	0.2369
fonts		0.8300	0.0022	0.6762	0.8224	0.2816
fonts10%		0.6250	0.0049	0.3394	0.6084	0.4917
forest		0.8654	0.0673	0.8542	0.8145	0.1957
gas		0.9799	0.0067	0.9786	0.9756	0.0470
gastrointestinal		0.6250	0.2500	0.5916	0.3846	0.5695
gender		0.5937	0.2709	0.4657	0.1672	0.6614
gene		0.9401	0.0400	0.9321	0.9037	0.1928
german		0.6700	0.3300	0.6059	0.1951	0.8568
gestures		0.7902	0.1049	0.7902	0.7203	0.3701
gina		0.9135	0.0865	0.9136	0.8271	0.3917
gisette		0.9529	0.0471	0.9529	0.9057	0.2546
glass		0.7143	0.0952	0.7042	0.6075	0.2841
glass-g2		0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage		0.4667	0.2667	0.3803	0.2547	0.5134
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.6667	0.3333	0.4923	-0.0135	0.9051
hapt		0.9149	0.0142	0.7537	0.8994	0.0986
har		0.9648	0.0141	0.9629	0.9555	0.0857
har70		0.9200	0.0229	0.6214	0.8816	0.2914
har701%		0.8960	0.0297	0.5397	0.8469	0.2244
har7010%		0.9072	0.0265	0.5864	0.8633	0.3411
harth		0.8841	0.0193	0.6395	0.8420	0.2212
harth1%		0.8462	0.0256	0.4923	0.7893	0.2112
harth10%		0.8655	0.0224	0.5994	0.8169	0.2669
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.5294	0.4706	0.5352	0.0685	0.9552
health-activity		0.6600	0.1700	0.2786	0.0431	0.6755
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.7742	0.2258	0.7941	0.5580	0.6147
heart-c		0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure		0.9820	0.0180	0.9791	0.9581	0.1321
heart-quantum		0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.8565	0.1435	0.8572	0.7129	0.5396
hepmass1%		0.8430	0.1570	0.8437	0.6860	0.5717
hepmass10%		0.8526	0.1474	0.8532	0.7053	0.5502
hERG-121inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.7139	0.2861	0.7127	0.4255	0.8034
higgs0.1%		0.6418	0.3582	0.6394	0.2784	0.8891
higgs1%		0.6900	0.3100	0.6880	0.3754	0.8338
higgs10%		0.7031	0.2969	0.7019	0.4037	0.8178
higher		0.2143	0.1964	0.1190	0.0778	0.3589
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8634	0.1366	0.7294	0.4446	0.6329
hiva		0.9598	0.0402	0.6031	0.1737	0.5500
horse		0.5833	0.2778	0.5580	0.2633	0.6313
hotel-reservartions		0.8840	0.1160	0.8681	0.7361	0.5047
hr		0.8421	0.1579	0.4962	-0.0042	0.6840
ht-sensor		0.9997	0.0002	0.9997	0.9995	0.0021
ht-sensor10%		0.9975	0.0017	0.9976	0.9963	0.0129
htru2		0.9737	0.0263	0.9209	0.8418	0.3216
hypothyroid		0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT		0.9947	0.0053	0.9822	0.9638	0.1636
ilpd		0.6271	0.3729	0.4918	-0.0156	0.9340
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9733	0.0133	0.9738	0.9644	0.0557
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.7882	0.0163	0.7911	0.7797	0.1811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8017	0.1983	0.6096	0.1865	0.7316
jvowels		0.8845	0.0257	0.8797	0.8692	0.1762
kc1		0.8531	0.1469	0.6707	0.3167	0.6679
kc1-class-level-defectiveornot		0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect		0.6154	0.1538	0.4379	0.3500	0.4741
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.6126	0.2248	0.8173
kdc-4007		0.6459	0.1012	0.6578	0.5866	0.4458
kddcup98		0.9527	0.0553	0.5170	0.0088	0.4505
kddcup981%		0.9263	0.0737	0.4809	-0.0310	0.6583
kddcup9810%		0.9403	0.0597	0.4846	-0.0146	0.5362
kddcup99		1.0000	0.0000	0.7224	0.9999	0.0206
kddcup991%		0.9980	0.0003	0.7495	0.9966	0.0403
kddcup9910%		0.9996	0.0000	0.8104	0.9993	0.0616
kepler		0.8703	0.0865	0.8250	0.7866	0.2432
kidney		0.7819	0.0872	0.1874	-0.0091	0.4223
kidney-disease		0.9000	0.1000	0.9072	0.7975	0.3632
krkopt		0.8581	0.0158	0.8576	0.8415	0.1830
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.7587	0.0804	0.7284	0.6949	0.3744
la2s-wc		0.7815	0.0728	0.7557	0.7234	0.3468
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0256	0.6873	0.6909	0.0717
led24		0.7000	0.0667	0.7128	0.6591	0.1676
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8905	0.0084	0.8905	0.8861	0.1259
leukemia		0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2		0.7143	0.2857	0.7083	0.4167	0.8058
libra		0.8056	0.0259	0.7694	0.7910	0.0784
linkage		1.0000	0.0000	0.9989	0.9978	0.0097
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.9999	0.0001	0.9964	0.9928	0.0211
liver		0.6765	0.3235	0.6579	0.3100	0.8329
loan		0.9813	0.0187	0.9801	0.9601	0.1317
localization		0.6993	0.0547	0.4593	0.6189	0.5103
localization10%		0.6141	0.0702	0.3996	0.5114	0.5986
lrs		0.8491	0.0431	0.8762	0.7915	0.1405
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.6250	0.1500	0.5000	0.5102	0.1838
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		0.7778	0.0741	0.5714	0.7000	0.0707
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.7423	0.2577	0.7423	0.4846	0.7618
magic04		0.8532	0.1468	0.8357	0.6643	0.5429
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8021	0.1979	0.8011	0.6010	0.6576
marketing		0.8705	0.1295	0.7201	0.4351	0.6569
maternal		0.8317	0.1122	0.8347	0.7446	0.3750
math		0.8250	0.0875	0.7636	0.7315	0.3244
mba		0.8113	0.1258	0.3906	0.1581	0.5402
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2167	0.3133	0.2208	0.0188	0.8023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6348	0.3652	0.6343	0.2671	0.8894
meter-A			1.0000	0.0000	1.0000	1.0000	0.0000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8889	0.0556	0.8784	0.8448	0.1220
meter-D			0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac			0.8750	0.0250	0.8771	0.8611	0.1450
mfeat-fou			0.7600	0.0480	0.7586	0.7333	0.2071
mfeat-kar			0.8250	0.0350	0.8279	0.8056	0.2062
mfeat-mor			0.6950	0.0610	0.7018	0.6611	0.2220
mfeat-pix			0.8550	0.0290	0.8572	0.8389	0.1642
mfeat-zer			0.6800	0.0640	0.6841	0.6444	0.2867
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5294	0.1882	0.5279	0.4119	0.4524
mobile			0.6783	0.0115	0.6879	0.6725	0.1410
monks-1			0.9273	0.0727	0.9283	0.8543	0.3306
monks-2			1.0000	0.0000	1.0000	1.0000	0.0000
monks-3			0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4706	0.0963	0.4926	0.3604	0.5380
musk			0.9576	0.0424	0.9153	0.8250	0.2543
MUT_ci300400a_cdk_ECFP2			0.7782	0.2218	0.7742	0.5477	0.7070
MUT_ci300400a_cdk_ECFP4			0.7844	0.2156	0.7772	0.5540	0.6985
MUT_ci300400a_cdk_ECFP6			0.7677	0.2323	0.7654	0.5289	0.7207
MUT_ci300400a_cdk_ESTATE			0.7746	0.2254	0.7668	0.5330	0.7152
MUT_ci300400a_cdk_EXTENDED			0.8141	0.1859	0.8095	0.6189	0.6433
MUT_ci300400a_cdk_FCFP2			0.8012	0.1988	0.7954	0.5907	0.6686
MUT_ci300400a_cdk_FCFP4			0.7626	0.2374	0.7590	0.5169	0.7315
MUT_ci300400a_cdk_FCFP6			0.7710	0.2290	0.7664	0.5323	0.7200
MUT_ci300400a_cdk_MACCS			0.8165	0.1835	0.8120	0.6238	0.6386
MUT_ci300400a_cdk_PUBCHEM			0.8371	0.1629	0.8326	0.6652	0.5960
MUT_ci300400a_cdk_STANDARD			0.8204	0.1796	0.8144	0.6283	0.6297
MUT_ci300400a_rdkit_descriptors			0.8133	0.1867	0.8084	0.6166	0.6430
myocardial			0.8647	0.0338	0.2898	0.4107	0.3249
naticusdroid			0.9676	0.0324	0.9676	0.9352	0.1926
NCI60			0.3333	0.2222	0.3333	0.2000	0.2322
nci9			0.3333	0.2222	0.2564	0.2000	0.2590
ncRNA			0.9464	0.0056	0.7601	0.8612	0.6576
ncRNA1%			0.8977	0.0108	0.4590	0.7139	0.6365
ncRNA10%			0.9225	0.0082	0.6178	0.7931	0.7499
neo			0.9095	0.0905	0.6617	0.2277	0.4724
new-thyroid			0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT			0.9048	0.0952	0.8056	0.6111	0.5744
new3s-wc			0.7153	0.0129	0.6975	0.7062	0.2297
newspop			0.6352	0.3648	0.6347	0.2692	0.8946
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9559	0.0441	0.9456	0.8912	0.2663
NPHA-doctor-visits			0.5000	0.3333	0.4247	0.0609	0.6959
nursery			0.9985	0.0008	0.9988	0.9977	0.0051
obesity			0.9573	0.0122	0.9584	0.9502	0.0649
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation			0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc			0.8713	0.0257	0.8374	0.8527	0.1263
oh10-wc			0.7238	0.0552	0.7237	0.6876	0.2726
oh15-wc			0.7283	0.0543	0.7231	0.6901	0.2592
oh5-wc			0.7692	0.0462	0.7560	0.7408	0.2264

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ohscal-wc			0.6586	0.0683	0.6489	0.6186	0.4245
olive			0.9298	0.0156	0.9215	0.9118	0.0463
opn310k			0.9147	0.0853	0.6761	0.3092	0.5579
opn310k10%			0.9152	0.0848	0.6917	0.3675	0.6024
opnat310k-hg16-17			0.9133	0.0867	0.6707	0.3008	0.5684
optdigits			0.9057	0.0189	0.9080	0.8952	0.1337
optdigitsZ			0.9911	0.0089	0.9728	0.9456	0.1683
orl			0.7500	0.0125	0.7174	0.7436	0.0435
orlraws10P			0.8000	0.0400	0.7742	0.7778	0.0497
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9526	0.0474	0.5650	0.1205	0.6130
ozone8hr			0.9012	0.0988	0.5753	0.1438	0.6828
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7784	0.2216	0.7505	0.5008	0.7272
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants			0.9946	0.0054	0.6855	0.3677	0.5198
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9817	0.0073	0.9328	0.8990	0.2206
parkinson			0.9750	0.0250	0.9745	0.9478	0.1158
parkinsons			0.9194	0.0806	0.9140	0.8276	0.3785
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.9124	0.0876	0.8925	0.7849	0.4437
particle10%			0.8723	0.1277	0.8467	0.6921	0.5567
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.8559	0.1441	0.5171	0.0337	0.6669
pcmac			0.5567	0.4433	0.4699	-0.0303	0.8453
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8553	0.1447	0.8038	0.6071	0.6125
pediatric-leukemia			0.6176	0.1092	0.5385	0.5298	0.3118
pendigits			0.9672	0.0066	0.9667	0.9636	0.0568
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.3333	0.6667	0.3415	-0.2857	0.9644
persistency			0.7813	0.2187	0.7620	0.5200	0.7041
personalities			0.6638	0.0420	0.6640	0.6414	0.4337
pet-adoption			0.9450	0.0550	0.9376	0.8722	0.2569
phishing			0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL			1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.9998	0.0001	0.9997	0.9997	0.0009
phone-acc0.1%			0.9089	0.0260	0.9033	0.8935	0.1132
phone-acc1%			0.9868	0.0038	0.9859	0.9846	0.0258
phone-acc10%			0.9973	0.0008	0.9971	0.9969	0.0067
phone-gyr			0.9996	0.0001	0.9996	0.9995	0.0012
phone-gyr0.1%			0.9253	0.0213	0.9186	0.9127	0.0914
phone-gyr1%			0.9807	0.0055	0.9786	0.9774	0.0314
phone-gyr10%			0.9971	0.0008	0.9968	0.9966	0.0068
phoneme			0.9056	0.0944	0.8861	0.7715	0.4655
phy			0.7036	0.2964	0.7045	0.4068	0.8106
pima			0.7763	0.2237	0.7647	0.5292	0.7169
pirvision			0.9961	0.0026	0.9931	0.9876	0.0275
placement			0.7500	0.2500	0.7404	0.4776	0.7498
plant-growth			0.7895	0.2105	0.7933	0.5730	0.6420
plrx			0.6111	0.3889	0.3793	-0.1887	0.9536
poker			0.6312	0.0820	0.3282	0.3373	0.5646
poker1%			0.5561	0.1268	0.1993	0.1712	0.4456
poker10%			0.5661	0.1085	0.2158	0.2159	0.5882
polish-1st			0.9858	0.0142	0.8978	0.7927	0.2828
polish-2nd			0.9695	0.0305	0.7561	0.4777	0.4089
polish-3rd			0.9562	0.0438	0.7163	0.4174	0.5302

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9520	0.0480	0.7417	0.4803	0.5553
polish-5th			0.9509	0.0491	0.7878	0.5661	0.4821
polya			0.7319	0.2681	0.7060	0.4119	0.7943
popularity			0.6537	0.2309	0.4299	0.2236	0.5806
post-operative			0.4444	0.5556	0.4208	-0.1538	0.9711
postures			0.9721	0.0112	0.9718	0.9651	0.0701
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6185	0.2353	0.9081
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.4242	0.0886	0.3248	0.3509	0.2779
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6567	0.3433	0.5795	0.1528	0.8942
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9865	0.0054	0.9765	0.9819	0.0425
puc-rio10%			0.9674	0.0130	0.9437	0.9563	0.0828
pufs-128			0.4979	0.5021	0.4979	-0.0042	1.0000
pufs-1281%			0.4855	0.5145	0.4855	-0.0290	1.0000
pufs-12810%			0.5021	0.4979	0.5021	0.0043	0.9988
pufs-64			0.5004	0.4996	0.5004	0.0008	0.9992
pufs-641%			0.5017	0.4983	0.5016	0.0033	0.9977
pufs-6410%			0.5048	0.4952	0.5048	0.0097	0.9973
pulsar			0.9848	0.0152	0.9536	0.9057	0.1524
raisin			0.8222	0.1778	0.8235	0.6444	0.6119
rcv1			0.2369	0.0234	0.0167	0.0125	0.3080
rcv11%			0.6796	0.0156	0.4124	0.6430	0.2876
rcv110%			0.6599	0.0127	0.2797	0.6306	0.3456
re0-wc			0.7933	0.0318	0.7647	0.7295	0.2202
re1-wc			0.7952	0.0164	0.6522	0.7679	0.1927
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8313	0.0070	0.4688	0.7679	0.2817
rice			0.9841	0.0159	0.9839	0.9678	0.1111
rnaseq			0.9875	0.0050	0.9901	0.9834	0.0182
rocket			0.6589	0.3411	0.6369	0.2683	0.8712
RT_IOT2022			0.9987	0.0002	0.9815	0.9967	0.0028
satimage			0.8678	0.0441	0.8469	0.8371	0.2080
satimageF			0.9829	0.0171	0.9569	0.9135	0.2416
satimageT			0.9285	0.0715	0.8032	0.6064	0.5545
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.5556	0.4444	0.3571	-0.2857	0.9011
schizo			0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9167	0.0833	0.5990	0.1927	0.6604
secondary_mushroom			0.9993	0.0007	0.9993	0.9987	0.0077
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9610	0.0111	0.9641	0.9544	0.0615
segmentation			0.8119	0.1881	0.8028	0.6023	0.6508
segmentO			0.9913	0.0087	0.9834	0.9663	0.1466
seismic			0.9264	0.0736	0.5906	0.1445	0.5922
semeion			0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram			0.8263	0.1737	0.5253	0.0457	0.7710
sens-10-gram			0.8609	0.1391	0.5951	0.1347	0.6272
sens-2-gram			0.8263	0.1737	0.5624	0.1206	0.7656
sens-3-gram			0.8395	0.1605	0.6272	0.2532	0.7369
sens-4-gram			0.8342	0.1658	0.5792	0.1523	0.7542
sens-5-gram			0.8500	0.1500	0.6073	0.2013	0.7225
sens-6-gram			0.8289	0.1711	0.5568	0.1077	0.7641

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8474	0.1526	0.5962	0.1788	0.7282
sens-8-gram			0.8316	0.1684	0.5597	0.1124	0.7603
sens-9-gram			0.8289	0.1711	0.5478	0.0892	0.7653
sensorless			0.9873	0.0023	0.9874	0.9861	0.0231
sepsis			0.9094	0.0906	0.6567	0.0015	0.2086
shoppers			0.8856	0.1144	0.7666	0.5300	0.6078
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9814	0.0186	0.9216	0.8412	0.2443
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9992	0.0008	0.9988	0.9976	0.0120
skin10%			0.9980	0.0020	0.9969	0.9938	0.0201
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2400	0.3800	0.2401	-0.0182	0.7992
smk_can_187			0.5263	0.4737	0.5444	0.0757	0.9099
smoking			0.7958	0.2042	0.7795	0.5590	0.6887
soil_pollution			0.1933	0.3227	0.1931	-0.0092	0.8799
solar-flare			0.7410	0.0863	0.5719	0.6652	0.1949
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9495	0.0505	0.8470	0.6940	0.4749
spambase			0.9109	0.0891	0.9069	0.8138	0.4098
spect			0.7407	0.2593	0.5488	0.0870	0.8344
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.5000	0.0370	0.3935	0.4700	0.1616
splice-EI			0.9432	0.0568	0.9281	0.8544	0.3559
splice-IE			0.9211	0.0789	0.8914	0.7827	0.4370
sport-articles			0.7800	0.2200	0.7641	0.5281	0.7159
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.4000	0.7059	0.2857	0.5283
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9050	0.0634	0.8798	0.8455	0.2279
steel-b			0.7949	0.2051	0.6912	0.3823	0.7527
steel-d			0.9795	0.0205	0.8564	0.7039	0.4990
steel-k			0.9846	0.0154	0.9767	0.9533	0.1586
steel-o			0.7692	0.2308	0.7451	0.4902	0.7396
steel-p			0.9282	0.0718	0.7752	0.5491	0.5905
steel-s			0.9897	0.0103	0.9348	0.8697	0.2729
steel-z			0.9795	0.0205	0.9493	0.8934	0.3231
stellar			0.9735	0.0177	0.9691	0.9528	0.0939
stock			0.9236	0.0764	0.8659	0.7297	0.4443
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0362
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.5150	0.1940	0.2940	0.2305	0.5919
student-depression			0.8118	0.1882	0.8045	0.6074	0.6431
student-habits			0.2900	0.2840	0.1626	-0.0417	0.7443
student-weekend			0.3385	0.2646	0.3167	0.1314	0.6969
student-workday			0.6562	0.1375	0.2422	0.1161	0.7357
studentap			0.5385	0.3077	0.4046	0.2500	0.5362
susy			0.7901	0.2099	0.7887	0.5728	0.6707
susy1%			0.7744	0.2256	0.7728	0.5403	0.6975
susy10%			0.7878	0.2122	0.7866	0.5678	0.6726
swarm_aligned			0.9996	0.0004	0.9995	0.9990	0.0035
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn			0.8580	0.1420	0.8156	0.6309	0.5974
texture			0.9200	0.0145	0.9240	0.9118	0.1057

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9581	0.0419	0.7372	0.4109	0.5232
Thyroid_Diff			0.8947	0.1053	0.8683	0.7295	0.4423
tic-tac-toe			0.9368	0.0632	0.9333	0.8628	0.3337
tis			0.8998	0.1002	0.8604	0.7166	0.4654
tis10%			0.9030	0.0970	0.8638	0.7123	0.3917
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1500	0.3636	0.3684	0.1904
tox_171			0.5294	0.2353	0.4773	0.3733	0.4003
toxicity			0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f			0.6471	0.3529	0.6451	0.2817	0.8486
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6800	0.3200	0.5257	0.0506	0.8893
trec11-wc			0.8537	0.0325	0.7790	0.8235	0.1389
trec12-wc			0.8387	0.0403	0.8945	0.8086	0.1413
trec21-wc			0.8485	0.0606	0.6897	0.6845	0.2158
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.9355	0.0215	0.9411	0.9145	0.1137
trec41-wc			0.9318	0.0136	0.8363	0.9169	0.0889
trec45-wc			0.9275	0.0145	0.8397	0.9154	0.0576
tuandromd			0.9843	0.0157	0.9754	0.9507	0.1231
turkish			0.7250	0.1375	0.7271	0.6333	0.3544
tvnews			0.9315	0.0685	0.9258	0.8508	0.3342
tvnews1%			0.8385	0.1615	0.8236	0.6424	0.5841
tvnews10%			0.8697	0.1303	0.8585	0.7162	0.5236
ur3_cobotops_grip			0.9633	0.0367	0.6785	0.3534	0.5758
ur3_cobotops_stop			0.9714	0.0286	0.7735	0.5388	0.4748
urban			0.7910	0.0464	0.8024	0.7566	0.1700
urinalysis			0.9441	0.0559	0.6684	0.3075	0.5516
url-rep1%			0.9812	0.0188	0.9789	0.9578	0.1350
ustilago			0.9897	0.0103	0.5109	0.0051	0.2759
ustilago1%			0.9788	0.0212	0.5638	0.1231	0.5163
ustilago10%			0.9805	0.0195	0.5296	0.0591	0.5547
vehicle			0.7619	0.1190	0.7214	0.6775	0.2496
vehicleVAN			0.9524	0.0476	0.9393	0.8769	0.3203
voice			0.7500	0.2500	0.7391	0.4706	0.7427
vote			0.8140	0.1860	0.8280	0.6301	0.5432
vowel			0.4949	0.0918	0.5234	0.4444	0.3123
vowelZ			0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17			0.9098	0.0902	0.6609	0.2909	0.5990
wap-wc			0.6731	0.0327	0.4917	0.6349	0.2739
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			0.8571	0.0286	0.8821	0.8409	0.0655
watch-acc			0.9999	0.0000	0.9999	0.9999	0.0005
watch-acc1%			0.9881	0.0034	0.9877	0.9861	0.0269
watch-acc10%			0.9988	0.0003	0.9987	0.9986	0.0036
watch-gyr			0.9999	0.0000	0.9999	0.9999	0.0004
watch-gyr1%			0.9900	0.0029	0.9899	0.9883	0.0222
watch-gyr10%			0.9991	0.0003	0.9990	0.9989	0.0030
water_pollution			0.2333	0.3833	0.2304	-0.0232	0.8771
waveform			0.7380	0.1747	0.7382	0.6069	0.5129
weather-related			0.9654	0.0063	0.9652	0.9608	0.0539
web-phishing			0.8595	0.0901	0.8400	0.7672	0.3882
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9977	0.0009	0.9975	0.9971	0.0078
white-clover			0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc			0.9650	0.0175	0.9649	0.9533	0.0768

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9731	0.0269	0.8850	0.7580	0.4775
wine			0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red			0.6604	0.1132	0.3272	0.4636	0.5023
winequality-white			0.6115	0.1295	0.4188	0.4269	0.6596
winnipeg			0.9910	0.0026	0.9848	0.9887	0.0277
winnipeg10%			0.9788	0.0060	0.9757	0.9732	0.0576
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.6250	0.0500	0.5714	0.6000	0.0887
yeast			0.4932	0.1126	0.4390	0.3506	0.3772
yeastCYT-POX			0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC			0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9459	0.0541	0.7001	0.4002	0.6035
zip			0.8731	0.0254	0.8611	0.8578	0.1848

Table 40: Detailed results for DTAcc

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1343	0.0597	0.0618	0.0421	0.4929
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
ads		0.9573	0.0427	0.9071	0.8091	0.2813
adult		0.8270	0.1730	0.7367	0.3849	0.4849
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8730	0.1270	0.5243	0.0464	0.7227
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7810	0.2190	0.4385	-0.0672	0.7741
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7222	0.2778	0.4194	-0.1613	0.7929
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.6707	0.3056	0.7334
AID644red		0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red		0.4444	0.5556	0.3077	-0.3636	0.8576
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8169	0.1831	0.7710	0.5370	0.6800
air_pollution		0.3933	0.1733	0.0816	-0.0067	0.4679
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8839	0.1161	0.8816	0.7621	0.4731
alcohol		0.7810	0.0876	0.4156	0.4775	0.2508
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.7953	0.2047	0.7688	0.5177	0.6421
anneal		0.9551	0.0180	0.7608	0.9087	0.1184
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8261	0.0869	0.4211	0.6561	0.2322
anuran-genus		0.7719	0.0570	0.3457	0.6023	0.2506
anuran-species		0.6458	0.0708	0.2633	0.4891	0.2275
anxiety		0.1167	0.1963	0.1131	0.0053	0.8100
apple-quality		0.7050	0.2950	0.7070	0.4100	0.8038
aps-failure		0.9878	0.0122	0.8192	0.6375	0.4436
arabidopsis		0.9920	0.0080	0.6663	0.0022	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.7111	0.0444	0.4900	0.5555	0.3028
auction		0.9118	0.0882	0.7710	0.5059	0.4685
audiology		0.8261	0.0145	0.3714	0.7982	0.0638
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7500	0.0833	0.6173	0.6656	0.1831
avila		0.5688	0.0719	0.4827	0.4000	0.3540
babies		0.4516	0.1567	0.1509	0.1411	0.4401
balance		0.7742	0.1505	0.5360	0.5774	0.3456
bank		0.9056	0.0944	0.7371	0.4658	0.5965
banknote		0.9124	0.0876	0.9118	0.8233	0.3977
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8295	0.1705	0.8113	0.6148	0.5966
basehock		0.9598	0.0402	0.9599	0.9196	0.2246
bio		0.9962	0.0038	0.8809	0.7424	0.1420
bio10%		0.9952	0.0048	0.8695	0.7383	0.4184
biodeg		0.7524	0.2476	0.7304	0.4540	0.7472
biomed		0.8571	0.1429	0.8467	0.6897	0.5386
bitcoin		0.9858	0.0010	0.0342	0.0000	0.0117
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0010	0.0342	0.0000	0.0117
body-perf		0.5142	0.2429	0.5335	0.3522	0.5747
bookings		0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor		0.4965	0.5035	0.4962	-0.0074	0.9989
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue		0.8182	0.0606	0.8611	0.7800	0.1069
bridges		0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17		0.9168	0.0832	0.6736	0.2659	0.4807
bub12at310k-hg16-17		0.8598	0.1282	0.6307	0.2460	0.6889
bub8at310k-hg16-17		0.8728	0.1298	0.6462	0.2880	0.6936
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9130	0.0870	0.9164	0.8189	0.3522
cancer-uae		0.4870	0.3420	0.3048	-0.0071	0.4321
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.8030	0.1970	0.7816	0.5599	0.6809
card		0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography		0.7746	0.0451	0.6804	0.7242	0.1939
cardiotocography-nsp		0.8639	0.0908	0.7472	0.6043	0.3174
cardiovascular		0.7115	0.2885	0.7151	0.4230	0.7867
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.7364	0.6146	0.3808
cas_N6512_cdk_ECFP2		0.6728	0.3272	0.6690	0.3320	0.8443
cas_N6512_rdkit_ATOMPAIR		0.7031	0.2969	0.7068	0.4092	0.8042
cas_N6512_RDkit_AtomPair_FP		0.7117	0.2883	0.7122	0.4232	0.8024
cas_N6512_rdkit_AVALON		0.7573	0.2427	0.7553	0.5073	0.7318
cas_N6512_RDkit_Avalon_FP		0.7531	0.2469	0.7514	0.5029	0.7465
cas_N6512_rdkit_descriptors		0.7292	0.2708	0.7276	0.4552	0.7823
cas_N6512_rdkit_FEATMORGAN		0.7174	0.2826	0.7145	0.4271	0.7957
cas_N6512_RDkit_Featmorgan_FP		0.7301	0.2699	0.7276	0.4541	0.7793
cas_N6512_RDkit_FP		0.6779	0.3221	0.6783	0.3353	0.8015
cas_N6512_rdkit_LAYERED		0.7200	0.2800	0.7210	0.4404	0.7896
cas_N6512_RDkit_Layered_FP		0.6979	0.3021	0.6963	0.3926	0.8246

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7588	0.2412	0.7591	0.5171	0.7336
cas_N6512_RDkit_MACCS_FP		0.7209	0.2791	0.7182	0.4344	0.7906
cas_N6512_rdkit_MORGAN		0.7015	0.2985	0.6984	0.3943	0.8157
cas_N6512_RDkit_morgan_FP		0.6840	0.3160	0.6809	0.3552	0.8291
cas_N6512_rdkit_PATTERN		0.7338	0.2662	0.7315	0.4592	0.7671
cas_N6512_RDkit_pattern_FP		0.6963	0.3037	0.6931	0.3841	0.8232
cas_N6512_rdkit_RDKITFP		0.5991	0.4009	0.6094	0.2103	0.8987
cas_N6512_rdkit_TORSION		0.6692	0.3308	0.6687	0.3175	0.8155
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7510	0.2460	0.7344	0.4731	0.7406
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9431	0.0569	0.6903	0.2372	0.3119
census10%		0.9469	0.0531	0.6931	0.2325	0.2849
central-nervous-system		0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9406	0.0297	0.9342	0.9116	0.1387
chrom19		0.9994	0.0006	0.8685	0.7289	0.4686
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9987	0.0013	0.7689	0.5211	0.5321
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9157	0.0843	0.5768	0.0985	0.5542
churn		0.8110	0.1890	0.6508	0.1362	0.4599
churn-bigml		0.8839	0.1161	0.7226	0.3840	0.5089
ci900367j_MACCS		0.6947	0.3053	0.6806	0.2404	0.5802
circles		0.6800	0.0064	0.6472	0.6768	0.0707
cirrhosis		0.6190	0.2540	0.5744	0.1923	0.5585
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.5324	0.2338	0.2963	0.2225	0.4549
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.4167	0.3889	0.2083	-0.1053	0.5922
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5986	0.2676	0.5788	0.3556	0.6178
cnae-9		0.9259	0.0165	0.9303	0.9167	0.0766
codon_usage		0.7206	0.0508	0.4860	0.6580	0.3531
coil20		0.8403	0.0160	0.8332	0.8318	0.0979
college		0.8571	0.1429	0.8228	0.6452	0.5979
collins		0.7800	0.0293	0.6066	0.7576	0.0741
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2		0.6207	0.3793	0.5643	0.1163	0.9016
colposcopies-3		0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4		0.7586	0.2414	0.6866	0.3715	0.7831
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7273	0.4502	0.7761
colposcopies-c		0.8621	0.1379	0.8117	0.6234	0.6038
column-2c		0.8710	0.1290	0.8558	0.6702	0.3064
column-3c		0.7742	0.1505	0.5665	0.6200	0.1957

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5336	0.4664	0.5315	0.0379	0.8213
comedy_comparisons1%		0.5189	0.4811	0.5099	0.0091	0.7855
comedy_comparisons10%		0.5279	0.4721	0.5370	0.0256	0.7016
connect-4		0.9812	0.0125	0.4888	0.3236	0.0358
cottonmeloidogyne		0.6394	0.3606	0.6565	0.2818	0.8080
coupon		0.6743	0.3257	0.6620	0.3107	0.8322
covid19		0.5281	0.1348	0.1624	0.1303	0.3075
covtype		0.7179	0.0806	0.3981	0.5326	0.3064
covtype10%		0.7095	0.0830	0.3965	0.5157	0.2981
covtypeCD		0.9095	0.0905	0.7837	0.4776	0.2823
covtypeT		0.9343	0.0657	0.7122	0.4150	0.5797
crabs		0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans		0.9992	0.0008	0.8725	0.7443	0.3469
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.7945	0.0685	0.4236	0.5401	0.3192
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.2500	0.0375	0.1257	0.2289	0.1236
customer-churn		0.9790	0.0210	0.4947	-0.0008	0.1774
cybersecurity		0.1600	0.2800	0.1641	-0.0091	0.7817
cyclopentane		0.5926	0.4074	0.5843	0.1681	0.9372
cylinder-bands		0.7037	0.2963	0.7024	0.3504	0.6949
darwin		0.7778	0.2222	0.7778	0.5556	0.7044
datatrieve		0.6154	0.3846	0.3810	-0.1404	0.4667
dating		0.0964	0.1807	0.0963	-0.0041	0.9319
day1%		0.9215	0.0785	0.9231	0.8366	0.3467
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8287	0.1713	0.7192	0.4077	0.6377
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8952	0.1048	0.7065	0.3966	0.6139
depressed		0.8182	0.1818	0.4500	-0.0265	0.6019
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4869	0.2258	0.4685
dexter		0.7833	0.2167	0.7874	0.5667	0.6700
df_final		0.7500	0.1667	0.7490	0.6145	0.3415
DIA		0.7500	0.2500	0.6300	0.2500	0.8063
diabetes		0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k		0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk		0.8258	0.1742	0.8007	0.5686	0.6078
diabetic		0.5656	0.2896	0.3674	0.1289	0.5278
diabetic1%		0.4902	0.3399	0.3279	0.0587	0.7555
diabetic10%		0.5442	0.3039	0.3741	0.1151	0.6352
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6372	0.1451	0.4467	0.4761	0.3532
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9304	0.0696	0.8156	0.6281	0.5603
dota2		0.5540	0.4460	0.5514	0.1027	0.9659
dota210%		0.5408	0.4592	0.5339	0.0653	0.9647
drebin		0.9521	0.0479	0.9493	0.8947	0.1990
dropout		0.7201	0.1866	0.5904	0.5137	0.5048

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.3723	0.1793	0.1419	-0.0048	0.4629
drug-02		0.5160	0.1383	0.0976	0.0051	0.2969
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5106	0.1398	0.1938	0.0119	0.4982
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3936	0.1733	0.1616	0.2159	0.4354
drug-07		0.4202	0.1657	0.1475	0.0111	0.4095
drug-08		0.5426	0.1307	0.1309	0.0467	0.3898
drug-09		0.8617	0.0395	0.1322	-0.0064	0.2133
drug-10		0.5266	0.1353	0.1389	0.0798	0.4341
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7872	0.0608	0.1258	-0.0070	0.2247
drug-13		0.5851	0.1185	0.1603	0.1752	0.3551
drug-14		0.5638	0.1246	0.1542	0.0220	0.3659
drug-15		0.7660	0.0669	0.1940	0.0664	0.1851
drug-16		0.5585	0.1261	0.1729	0.2538	0.3409
drug-17		0.3617	0.1824	0.1762	0.1054	0.5433
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9001	0.0285	0.9058	0.8790	0.1517
ecoli		0.8529	0.0368	0.5212	0.7962	0.1404
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3400	0.3300	0.3379	0.1206	0.7953
eeg		0.3604	0.0799	0.3484	0.2845	0.6450
eeg-eye		0.7130	0.2870	0.7084	0.4079	0.7872
eeg10%		0.2487	0.0939	0.1894	0.1627	0.6899
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5068	0.1973	0.3956	0.3296	0.3337
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.9003	0.0997	0.9031	0.7986	0.3847
exon.vs.intron-freq10%		0.9023	0.0977	0.9054	0.8024	0.3720
fakenews		0.5150	0.4850	0.5149	0.0298	0.9913
farm-ads		0.7367	0.2633	0.7623	0.4532	0.5591
fbis-wc		0.5041	0.0583	0.2670	0.4148	0.3057
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4902	0.5098	0.4812	-0.0376	1.0000
financial-risk		0.7455	0.0848	0.5750	0.5672	0.2557
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.5000	0.1250	0.3877	0.3846	0.2476
fonts		0.3205	0.0089	0.0284	0.2477	0.2774
fonts10%		0.3195	0.0089	0.0253	0.2464	0.2679
forest		0.9038	0.0481	0.8934	0.8673	0.1258
gas		0.7297	0.0901	0.7614	0.6761	0.2806
gastrointestinal		0.5000	0.3333	0.5225	0.2289	0.6150
gender		0.6063	0.2625	0.4704	0.1684	0.5481
gene		0.5110	0.3260	0.2255	0.0000	0.3731
german		0.6800	0.3200	0.6151	0.2020	0.8228
gestures		0.7115	0.1443	0.7325	0.6153	0.4028
gina		0.8329	0.1671	0.8328	0.6656	0.5986
gisette		0.9414	0.0586	0.9416	0.8829	0.2960
glass		0.8095	0.0635	0.7716	0.7399	0.1240
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7758	0.5291	0.6699
glassBWNFP		0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.7500	0.2500	0.6667	0.3333	0.7987
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4000	0.3000	0.3374	0.1768	0.5588
gsalc		0.5556	0.1481	0.5263	0.4545	0.2085
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.8664	0.0223	0.5708	0.8414	0.1290
har		0.6621	0.1352	0.6725	0.5739	0.4414
har70		0.7690	0.0660	0.3928	0.6237	0.1338
har701%		0.7686	0.0661	0.3914	0.6225	0.1310
har7010%		0.7709	0.0654	0.3948	0.6263	0.1285
harth		0.6436	0.0594	0.2414	0.4938	0.2169
harth1%		0.6432	0.0595	0.2404	0.4936	0.2206
harth10%		0.6423	0.0596	0.2401	0.4921	0.2203
hayes-roth		0.5000	0.3333	0.5746	0.2000	0.5045
hcc-survival		0.5882	0.4118	0.6071	0.2013	0.8825
health-activity		0.7700	0.1150	0.2892	0.0519	0.2818
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.7097	0.2903	0.7164	0.4247	0.7846
heart-c		0.7667	0.2333	0.7652	0.5291	0.7212
heart-failure		0.8800	0.1200	0.8574	0.7115	0.4984
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass		0.8041	0.1959	0.8079	0.6081	0.6312
hepmass1%		0.8069	0.1931	0.8095	0.6132	0.6325
hepmass10%		0.8026	0.1974	0.8057	0.6049	0.6383
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.6454	0.3546	0.6501	0.2957	0.8703
higgs0.1%		0.6318	0.3682	0.6331	0.2650	0.8944
higgs1%		0.6402	0.3598	0.6443	0.2849	0.8777
higgs10%		0.6475	0.3525	0.6516	0.2993	0.8699
higher		0.2143	0.1964	0.1556	0.0778	0.2974
hinselmann		0.7000	0.3000	0.6098	0.2105	0.7892
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8600	0.1400	0.7096	0.3804	0.5988
hiva		0.9598	0.0402	0.4897	-0.0084	0.4680
horse		0.5833	0.2778	0.5245	0.2500	0.6516
hotel-reservartions		0.7743	0.2257	0.7288	0.4358	0.6959
hr		0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor		0.8402	0.1065	0.8441	0.7603	0.3504
ht-sensor10%		0.8181	0.1213	0.8215	0.7267	0.3839
htru2		0.9777	0.0223	0.9301	0.8580	0.2226
hypothyroid		0.9443	0.0279	0.4295	0.6990	0.1731
hypothyroidT		0.9894	0.0106	0.9660	0.9297	0.2551
ilpd		0.6610	0.3390	0.4663	-0.0461	0.8780
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9640	0.0180	0.9656	0.9520	0.0606
ionosphere		0.9429	0.0571	0.9404	0.8736	0.2987
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.6547	0.0266	0.6702	0.6409	0.2776

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8154	0.1846	0.6287	0.1806	0.6237
jvowels		0.7460	0.0564	0.7453	0.7116	0.2991
kc1		0.8626	0.1374	0.6787	0.2727	0.5332
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.5000	0.0417	0.0307	0.0577	0.2448
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007		0.4613	0.1347	0.4415	0.3703	0.5219
kddcup98		0.9486	0.0514	0.5183	0.0024	0.2241
kddcup981%		0.9158	0.0842	0.4780	-0.0411	0.6731
kddcup9810%		0.9319	0.0681	0.5176	0.0291	0.6408
kddcup99		0.9954	0.0004	0.4370	0.9921	0.0567
kddcup991%		0.9840	0.0014	0.2114	0.9728	0.0124
kddcup9910%		0.9847	0.0013	0.2125	0.9740	0.0149
kepler		0.7584	0.1611	0.7284	0.5906	0.2159
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9250	0.0750	0.9195	0.8378	0.3507
krkopt		0.2275	0.0858	0.0857	0.1103	0.4657
krvskp		0.9436	0.0564	0.9434	0.8869	0.2908
la1s-wc		0.4540	0.1820	0.2890	0.2377	0.3675
la2s-wc		0.4470	0.1843	0.2781	0.2221	0.3649
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.5294	0.0235	0.2896	0.5077	0.1069
led24		0.6500	0.0700	0.6407	0.6100	0.1638
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.6055	0.0303	0.6645	0.5896	0.3092
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.6667	0.0444	0.6638	0.6418	0.1225
linkage		0.9979	0.0021	0.8940	0.7708	0.4755
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.9975	0.0025	0.8797	0.7372	0.4972
liver		0.6176	0.3824	0.5735	0.1467	0.9099
loan		0.9696	0.0304	0.9687	0.9361	0.1901
localization		0.4523	0.0996	0.1679	0.2178	0.3539
localization10%		0.4369	0.1024	0.1658	0.1965	0.3806
lrs		0.6415	0.0717	0.2104	0.5015	0.2379
lung		0.9048	0.0381	0.8411	0.8100	0.0677
lung_discrete		0.7500	0.0714	0.5000	0.6923	0.0368
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.8587	0.8068	0.1630
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		0.5556	0.0988	0.3590	0.4706	0.0587
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.6385	0.3615	0.6385	0.2769	0.8921
magic04		0.8096	0.1904	0.7847	0.5561	0.6295
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8165	0.6185	0.5911
marketing		0.8661	0.1339	0.6818	0.3332	0.6348
maternal		0.5644	0.2904	0.6347	0.3196	0.4619
math		0.8750	0.0625	0.8256	0.8054	0.1906
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.8333	0.0833	0.8333	0.7778	0.1667
mental-health		0.2300	0.3080	0.2277	0.0362	0.8563

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.5913	0.4087	0.5797	0.1588	0.9390
meter-A			1.0000	0.0000	1.0000	1.0000	0.0000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8889	0.0556	0.9167	0.8475	0.1419
meter-D			0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac			0.9000	0.0200	0.9022	0.8889	0.1170
mfeat-fou			0.6800	0.0640	0.6904	0.6444	0.2568
mfeat-kar			0.8000	0.0400	0.8105	0.7778	0.2134
mfeat-mor			0.7100	0.0580	0.6841	0.6778	0.2046
mfeat-pix			0.8300	0.0340	0.8374	0.8111	0.1790
mfeat-zer			0.5750	0.0850	0.5939	0.5278	0.3829
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.8491	0.1006	0.8353	0.7606	0.1755
mines			0.5294	0.1882	0.3982	0.4061	0.3662
mobile			0.5594	0.0157	0.5667	0.5514	0.1995
monks-1			0.6909	0.3091	0.7428	0.3746	0.4896
monks-2			0.6557	0.3443	0.3960	0.0000	0.4711
monks-3			0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.9963	0.0037	0.9963	0.9926	0.0289
music			0.4228	0.1049	0.3683	0.2905	0.5189
musk			0.8955	0.1045	0.7765	0.4532	0.2887
MUT_ci300400a_cdk_ECFP2			0.6906	0.3094	0.6778	0.3183	0.7604
MUT_ci300400a_cdk_ECFP4			0.7222	0.2778	0.7091	0.4066	0.7747
MUT_ci300400a_cdk_ECFP6			0.6635	0.3365	0.6443	0.2634	0.8226
MUT_ci300400a_cdk_ESTATE			0.7002	0.2998	0.6856	0.3519	0.7891
MUT_ci300400a_cdk_EXTENDED			0.6463	0.3537	0.6243	0.2362	0.8697
MUT_ci300400a_cdk_FCFP2			0.7497	0.2503	0.7395	0.4643	0.7224
MUT_ci300400a_cdk_FCFP4			0.7314	0.2686	0.7195	0.4262	0.7576
MUT_ci300400a_cdk_FCFP6			0.7290	0.2710	0.7175	0.4171	0.7493
MUT_ci300400a_cdk_MACCS			0.7482	0.2518	0.7403	0.4805	0.7588
MUT_ci300400a_cdk_PUBCHEM			0.7174	0.2826	0.7079	0.3805	0.7252
MUT_ci300400a_cdk_STANDARD			0.6527	0.3473	0.6733	0.3259	0.8111
MUT_ci300400a_rdkit_descriptors			0.7331	0.2669	0.7244	0.4469	0.7775
myocardial			0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid			0.9339	0.0661	0.9348	0.8677	0.3103
NCI60			0.5000	0.1667	0.3793	0.4000	0.1784
nci9			0.1667	0.1852	0.1111	0.0909	0.2166
ncRNA			0.8561	0.0152	0.1571	0.5597	0.1764
ncRNA1%			0.8559	0.0152	0.0891	0.5590	0.2140
ncRNA10%			0.8559	0.0152	0.1195	0.5607	0.1869
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc			0.2258	0.0352	0.1949	0.1850	0.3666
newspop			0.6342	0.3658	0.6307	0.2587	0.8928
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9153	0.0847	0.8942	0.7785	0.3442
NPHA-doctor-visits			0.5278	0.3148	0.3453	0.0270	0.4882
nursery			0.6628	0.1349	0.3421	0.4962	0.1374
obesity			0.7962	0.0582	0.8070	0.7618	0.2071
obs			0.8333	0.0833	0.8785	0.7450	0.1830
occupancy			0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation			0.9042	0.0479	0.5863	0.7064	0.0552
oh0-wc			0.3564	0.1287	0.1498	0.2152	0.3055
oh10-wc			0.5905	0.0819	0.6126	0.5265	0.2872
oh15-wc			0.7609	0.0478	0.7499	0.7279	0.2457
oh5-wc			0.3846	0.1231	0.2857	0.2885	0.3266

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.3880	0.1224	0.3911	0.2935	0.4182
olive		0.5439	0.1014	0.2358	0.4311	0.2129
opn310k		0.9165	0.0835	0.7058	0.3961	0.5910
opn310k10%		0.9171	0.0829	0.7093	0.4094	0.6035
opnat310k-hg16-17		0.9167	0.0833	0.6910	0.3474	0.5603
optdigits		0.7918	0.0416	0.8114	0.7687	0.2291
optdigitsZ		0.9573	0.0427	0.8928	0.7734	0.4682
orl		0.2500	0.0375	0.2196	0.2308	0.1799
orlraws10P		0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer		0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr		0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr		0.9368	0.0632	0.7123	0.3118	0.3468
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8144	0.1856	0.7985	0.5956	0.6569
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8413	0.1587	0.8466	0.6844	0.5493
p53-mutants		0.9933	0.0067	0.4983	-0.0027	0.5372
p53-mutants10%		0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks		0.9561	0.0175	0.6534	0.7573	0.2761
parkinson		0.9583	0.0417	0.9592	0.9151	0.2119
parkinsons		0.7725	0.2275	0.7538	0.5047	0.7219
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8538	0.1462	0.8213	0.6423	0.6016
particle10%		0.8485	0.1515	0.8173	0.6337	0.6123
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.4639	0.5361	0.4634	-0.0722	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.8061	0.6066	0.6295
pediatric-leukemia		0.7353	0.0756	0.7467	0.6803	0.2454
pendigits		0.8954	0.0209	0.9009	0.8837	0.1322
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.7778	0.2222	0.7568	0.4000	0.4011
persistency		0.7813	0.2187	0.7641	0.4944	0.6231
personalities		0.4843	0.0645	0.4957	0.4500	0.5792
pet-adoption		0.8700	0.1300	0.8571	0.7126	0.5402
phishing		0.9184	0.0816	0.9140	0.8274	0.3787
PhiUSIIL		1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc		0.4399	0.1600	0.4718	0.3332	0.3863
phone-acc0.1%		0.4418	0.1595	0.4439	0.3356	0.3856
phone-acc1%		0.4432	0.1591	0.4609	0.3373	0.3861
phone-acc10%		0.4397	0.1601	0.4667	0.3331	0.3863
phone-gyr		0.7199	0.0800	0.7041	0.6716	0.2631
phone-gyr0.1%		0.7121	0.0822	0.6996	0.6625	0.2641
phone-gyr1%		0.7173	0.0808	0.7034	0.6685	0.2587
phone-gyr10%		0.7214	0.0796	0.7036	0.6733	0.2620
phoneme		0.7759	0.2241	0.7350	0.4682	0.7397
phy		0.6782	0.3218	0.6782	0.3564	0.8482
pima		0.7368	0.2632	0.7176	0.4154	0.7389
pirvision		0.9915	0.0057	0.9851	0.9729	0.0436
placement		0.7430	0.2570	0.7419	0.4812	0.7561
plant-growth		0.7895	0.2105	0.7889	0.5778	0.6844
plrx		0.6111	0.3889	0.4834	-0.0328	0.9365
poker		0.4997	0.1001	0.0666	0.0000	0.1726
poker1%		0.5102	0.0980	0.1125	0.0259	0.1949
poker10%		0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st		0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9514	0.0486	0.4876	-0.0019	0.2419

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9541	0.0459	0.7244	0.4225	0.4959
polish-5th			0.9492	0.0508	0.7642	0.4252	0.2424
polya			0.6984	0.3016	0.6814	0.3612	0.8252
popularity			0.6313	0.2458	0.3572	0.0283	0.3940
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.7790	0.0884	0.8097	0.7231	0.2538
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6339	0.2353	0.8249
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.2424	0.0689	0.1281	0.1725	0.2444
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6716	0.3284	0.5630	0.0856	0.7898
promoters			0.7000	0.3000	0.7674	0.4444	0.5112
prostate			0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.8951	0.0420	0.8079	0.8592	0.2078
puc-rio10%			0.8890	0.0444	0.8096	0.8514	0.2126
pufs-128			0.5007	0.4993	0.5007	0.0014	0.9991
pufs-1281%			0.4858	0.5142	0.4858	-0.0283	1.0000
pufs-12810%			0.5018	0.4982	0.5018	0.0035	0.9877
pufs-64			0.5039	0.4961	0.5040	0.0076	0.9828
pufs-641%			0.5054	0.4946	0.5054	0.0108	0.9969
pufs-6410%			0.5023	0.4977	0.5023	0.0047	0.9986
pulsar			0.9808	0.0192	0.9407	0.8775	0.1483
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
rcv1			0.5733	0.0243	0.1882	0.5270	0.3058
rcv11%			0.6130	0.0146	0.2648	0.5692	0.3728
rcv110%			0.6934	0.0224	0.3420	0.6625	0.3652
re0-wc			0.5533	0.0687	0.1218	0.2986	0.2735
re1-wc			0.4398	0.0448	0.1507	0.2955	0.2802
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.6120	0.0119	0.0242	0.4286	0.1768
rice			0.9824	0.0176	0.9823	0.9644	0.1108
rnaseq			0.9500	0.0200	0.9430	0.9336	0.0599
rocket			0.5762	0.4238	0.5192	0.0302	0.9063
RT_IOT2022			0.8349	0.0275	0.1390	0.5804	0.0690
satimage			0.8103	0.0632	0.7854	0.7656	0.2582
satimageF			0.9860	0.0140	0.9637	0.9274	0.1815
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.5714	0.1224	0.4762	0.4878	0.1295
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.5882	0.4118	0.5944	0.1765	0.9011
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9295	0.0705	0.5865	0.1280	0.5676
secondary_mushroom			0.6683	0.3317	0.6875	0.3532	0.7948
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.8918	0.0309	0.9074	0.8736	0.1250
segmentation			0.8218	0.1782	0.8172	0.6277	0.6213
segmentO			0.9351	0.0649	0.8622	0.6836	0.1749
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9560	0.0440	0.8819	0.7633	0.4382
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8583	0.1417	0.4619	-0.0151	0.5050
sens-2-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-3-gram			0.8579	0.1421	0.5345	0.0339	0.6032
sens-4-gram			0.8605	0.1395	0.5709	0.0879	0.6168
sens-5-gram			0.8711	0.1289	0.6270	0.1776	0.5710
sens-6-gram			0.8526	0.1474	0.4980	-0.0019	0.6363

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8605	0.1395	0.5591	0.0641	0.5968
sens-8-gram			0.8632	0.1368	0.5313	0.0179	0.4988
sens-9-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sensorless			0.9157	0.0153	0.9175	0.9073	0.0879
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8905	0.1095	0.7800	0.5581	0.5967
shuttle			0.8697	0.0372	0.4032	0.6697	0.3023
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.8824	0.1176	0.8288	0.6561	0.5764
skin10%			0.8742	0.1258	0.8154	0.6298	0.5971
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.2591	0.0180	0.8183
smk_can_187			0.4737	0.5263	0.4655	-0.0674	1.0000
smoking			0.6985	0.3015	0.7535	0.4380	0.6100
soil_pollution			0.1967	0.3213	0.1970	-0.0060	0.8689
solar-flare			0.6691	0.1103	0.4455	0.5675	0.1476
sonar			0.7000	0.3000	0.7041	0.4000	0.7994
soybean			0.7206	0.0294	0.4496	0.6911	0.1164
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9065	0.0935	0.9018	0.8021	0.4082
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7429	0.2571	0.6758	0.3505	0.8017
spectrometer			0.4717	0.0220	0.1974	0.4434	0.1419
splice-EI			0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE			0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles			0.7900	0.2100	0.7824	0.5618	0.6875
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.6584	0.2277	0.5268	0.4595	0.3187
steel-b			0.7949	0.2051	0.6520	0.0380	0.3587
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9692	0.0308	0.9528	0.9056	0.2424
steel-o			0.7436	0.2564	0.7071	0.3462	0.6365
steel-p			0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9128	0.0872	0.7004	0.1752	0.2046
stellar			0.9469	0.0354	0.9378	0.9039	0.1422
stock			0.8542	0.1458	0.7726	0.5415	0.6544
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9600	0.0400	0.9596	0.9192	0.2280
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.6250	0.1500	0.3479	0.3880	0.4297
student-depression			0.7957	0.2043	0.7876	0.5736	0.6748
student-habits			0.3500	0.2600	0.1687	0.0047	0.6565
student-weekend			0.3692	0.2523	0.2602	0.0492	0.5190
student-workday			0.7188	0.1125	0.2655	0.0777	0.2017
studentap			0.6154	0.2564	0.6166	0.4196	0.5261
susy			0.7545	0.2455	0.7520	0.5035	0.7435
susy1%			0.7568	0.2432	0.7543	0.5079	0.7392
susy10%			0.7545	0.2455	0.7519	0.5026	0.7420
swarm_aligned			0.9888	0.0112	0.9869	0.9736	0.0659
swarm_flocking			0.9979	0.0021	0.9979	0.9958	0.0206
swarm_grouped			0.9925	0.0075	0.9920	0.9840	0.0633
tae			0.6667	0.2222	0.7022	0.5000	0.3857
telco-churn			0.8224	0.1776	0.7538	0.4568	0.5541
texture			0.8582	0.0258	0.8749	0.8436	0.1388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.8052	0.1948	0.8141	0.5727	0.4512
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9634	0.0366	0.6029	0.2037	0.5759
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.6737	0.3263	0.6434	0.2861	0.8589
tis			0.8684	0.1316	0.8200	0.6394	0.5804
tis10%			0.8358	0.1642	0.7705	0.5389	0.6557
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.1667	0.3111	0.3600	0.2171
tox_171			0.5294	0.2353	0.4694	0.3733	0.4075
toxicity			0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.8780	0.0271	0.8025	0.8490	0.1071
trec12-wc			0.3871	0.1532	0.2419	0.2400	0.3443
trec21-wc			0.8485	0.0505	0.6878	0.6989	0.2848
trec23-wc			0.6667	0.1111	0.2764	0.5100	0.1670
trec31-wc			0.9247	0.0215	0.7789	0.9006	0.1408
trec41-wc			0.6136	0.0773	0.2537	0.5111	0.1961
trec45-wc			0.4058	0.1188	0.2123	0.2697	0.2849
tuandromd			0.9574	0.0426	0.9371	0.8725	0.3289
turkish			0.7000	0.1500	0.6905	0.6000	0.2946
tvnews			0.8388	0.1612	0.8231	0.6416	0.5848
tvnews1%			0.8538	0.1462	0.8409	0.6793	0.5556
tvnews10%			0.8150	0.1850	0.7968	0.5884	0.6363
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7761	0.0498	0.7860	0.7366	0.1824
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%			0.9303	0.0697	0.9297	0.8509	0.3315
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.6786	0.1607	0.6336	0.5657	0.3332
vehicleVAN			0.7738	0.2262	0.6464	0.2400	0.6976
voice			0.5000	0.5000	0.4375	-0.1250	0.9835
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.4141	0.1065	0.4567	0.3556	0.2960
vowelZ			0.8788	0.1212	0.4677	-0.0476	0.7114
vrnormat310k-hg16-17			0.9090	0.0910	0.4762	-0.0002	0.2196
wap-wc			0.5321	0.0468	0.3307	0.4777	0.3271
warpar10p			0.3846	0.1231	0.3077	0.3113	0.2087
warppie10p			0.6667	0.0667	0.6908	0.6288	0.1616
watch-acc			0.6800	0.0914	0.6863	0.6237	0.3231
watch-acc1%			0.6718	0.0938	0.6809	0.6140	0.3292
watch-acc10%			0.6783	0.0919	0.6860	0.6217	0.3233
watch-gyr			0.6599	0.0972	0.6869	0.6008	0.2901
watch-gyr1%			0.6644	0.0959	0.6957	0.6061	0.2855
watch-gyr10%			0.6628	0.0963	0.6906	0.6043	0.2878
water_pollution			0.2433	0.3783	0.2383	-0.0098	0.8628
waveform			0.7160	0.1893	0.7163	0.5739	0.5342
weather-related			0.3558	0.1171	0.1350	0.2113	0.3123
web-phishing			0.8000	0.1333	0.5513	0.6221	0.3391
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.6670	0.1332	0.6862	0.5792	0.4036
white-clover			0.3333	0.3333	0.2344	0.0000	0.1773
wifi-loc			0.9600	0.0200	0.9615	0.9467	0.0636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red			0.5597	0.1468	0.2816	0.2566	0.3317
winequality-white			0.5235	0.1361	0.2217	0.2246	0.4480
winnipeg			0.9576	0.0121	0.8989	0.9463	0.0889
winnipeg10%			0.9583	0.0119	0.9277	0.9472	0.0961
wisc_bc			0.9474	0.0526	0.9443	0.8880	0.2925
yale			0.1875	0.1083	0.1474	0.1333	0.2186
yeast			0.5608	0.0878	0.4019	0.4321	0.3395
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.7688	0.0462	0.7708	0.7416	0.2506

Table 41: Detailed results for EBLR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1799	0.0566	0.0818	0.0878	0.4146
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9809	0.0191	0.5392	0.0284	0.3504
accident		0.6000	0.4000	0.6021	0.2000	0.9166
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.7937	0.2063	0.4425	-0.1120	0.6701
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8451	0.1549	0.7742	0.5348	0.6057
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8732	0.1268	0.8706	0.7409	0.5060
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.7191	0.1124	0.3694	0.0636	0.2064
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family		0.9346	0.0327	0.6844	0.8729	0.1581
anuran-genus		0.9485	0.0129	0.8724	0.9142	0.1646
anuran-species		0.9597	0.0081	0.9180	0.9437	0.0708
anxiety		0.1250	0.1944	0.1327	0.0139	0.7915
apple-quality		0.7350	0.2650	0.7360	0.4700	0.7675
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arcene		0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia		0.5778	0.0844	0.1758	0.0747	0.2437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.8261	0.0145	0.3148	0.7960	0.0379
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.3000	0.2333	0.0769	0.0000	0.3345
avila		0.5218	0.0797	0.3629	0.2668	0.3368
babies		0.4274	0.1636	0.1690	0.0951	0.4140
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9032	0.0968	0.8943	0.7845	0.4048
basehock		0.9799	0.0201	0.9799	0.9598	0.1334
bio		0.9972	0.0028	0.9140	0.8196	0.1325
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0013	0.0451	0.0002	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6119	0.1940	0.6045	0.4826	0.4989
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.5455	0.4545	0.5749	0.1270	0.8754
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.5000	0.1429	0.0952	0.0000	0.2906
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9093	0.0907	0.6575	0.0053	0.2088
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4770	0.3487	0.3082	-0.0086	0.5492
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography		0.7981	0.0404	0.7061	0.7551	0.2005
cardiotocography-nsp		0.8920	0.0720	0.7929	0.7057	0.3668
cardiovascular		0.6476	0.3524	0.6484	0.2952	0.8783
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6522	0.5349	0.5249
cas_N6512_cdk_ECFP2		0.7481	0.2519	0.7458	0.4911	0.7532
cas_N6512_rdkit_ATOMPAIR		0.7077	0.2923	0.7061	0.4122	0.8119
cas_N6512_RDkit_AtomPair_FP		0.7209	0.2791	0.7182	0.4344	0.7906
cas_N6512_rdkit_AVALON		0.7696	0.2304	0.7676	0.5334	0.7153
cas_N6512_RDkit_Avalon_FP		0.7761	0.2239	0.7742	0.5474	0.7060
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.7481	0.2519	0.7458	0.4906	0.7524
cas_N6512_RDkit_Featmorgan_FP		0.7822	0.2178	0.7806	0.5610	0.6977
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.5484	0.4516	0.5937	0.0220	0.5463
cas_N6512_RDkit_MACCS_FP		0.5521	0.4479	0.5923	0.0331	0.5654

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.7631	0.2369	0.7610	0.5211	0.7281
cas_N6512_RDkit_morgan_FP		0.7561	0.2439	0.7541	0.5074	0.7402
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.6974	0.3026	0.6945	0.3878	0.8238
cas_N6512_rdkit_TORSION		0.5415	0.4585	0.5239	0.0122	0.6750
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9462	0.0538	0.6530	0.3054	0.6120
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9483	0.0517	0.4867	-0.0056	0.3691
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.4627	0.2686	0.2911	0.1076	0.3337
chrom19		0.9992	0.0008	0.7201	0.3043	0.1578
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.7946	0.5878	0.4445
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.2800	0.0144	0.2033	0.2727	0.1575
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		0.4250	0.1917	0.3268	0.2899	0.3816
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7630	0.1185	0.4473	0.6068	0.2665
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4898	0.3401	0.4676	0.2049	0.7563
cnae-9		0.8519	0.0329	0.8521	0.8333	0.1123
codon_usage		0.7951	0.0373	0.5227	0.7479	0.2342
coil20		0.0972	0.0903	0.0233	0.0511	0.3637
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		0.3800	0.0827	0.2235	0.3056	0.2589
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6207	0.3793	0.6107	0.2162	0.8800
colposcopies-2		0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3		0.7586	0.2414	0.7549	0.5085	0.7375
colposcopies-4		0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7716	0.2284	0.7717	0.5433	0.7148
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.5233	0.1362	0.1993	0.1346	0.3480
covtype		0.4876	0.1464	0.1357	0.0001	0.2417

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9994	0.0006	0.9058	0.8043	0.1705
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8793	0.0402	0.6512	0.7411	0.2840
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.2188	0.0391	0.1540	0.1976	0.1136
customer-churn		0.9792	0.0208	0.5861	0.0352	0.2111
cybersecurity		0.1800	0.2733	0.1834	0.0163	0.8543
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1038	0.1792	0.1045	0.0039	0.8898
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8133	0.1867	0.6829	0.2938	0.6010
defect		0.8858	0.1142	0.7564	0.4416	0.4305
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.7568	0.0811	0.6084	0.6984	0.0853
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.6500	0.3500	0.6521	0.3000	0.8689
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.8521	0.1479	0.7531	0.4922	0.6210
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.5833	0.4167	0.5714	0.1429	0.9438
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.9760	0.0240	0.9743	0.9486	0.1589
dropout		0.7765	0.1490	0.6980	0.6200	0.4380
drug-01		0.4043	0.1702	0.1586	0.0514	0.5197
drug-02		0.5213	0.1368	0.2428	0.1654	0.5590
drug-03		0.6862	0.0897	0.1379	0.0578	0.2999
drug-04		0.5000	0.1429	0.1917	0.1173	0.5522
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.2337	0.2542	0.4715
drug-07		0.4468	0.1581	0.1729	0.0324	0.2558
drug-08		0.5532	0.1277	0.2497	0.1842	0.4133
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.2244	0.1562	0.4133
drug-11		0.8511	0.0426	0.1317	0.0277	0.1222
drug-12		0.7872	0.0608	0.1258	-0.0056	0.2801

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-13		0.6170	0.1094	0.1718	0.2228	0.3713
drug-14		0.5904	0.1170	0.2618	0.2594	0.4128
drug-15		0.7447	0.0729	0.1231	0.0221	0.2863
drug-16		0.5904	0.1170	0.2593	0.3030	0.3936
drug-17		0.3723	0.1793	0.1784	0.1229	0.4865
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7553	0.0699	0.1233	-0.0042	0.2725
drybean		0.9243	0.0216	0.9366	0.9084	0.1241
ecoli		0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2200	0.3900	0.1703	-0.0375	0.7035
eeg		0.3657	0.0793	0.3907	0.2939	0.6046
eeg-eye		0.5948	0.4052	0.5822	0.1568	0.9199
eeg10%		0.3486	0.0814	0.3803	0.2764	0.5811
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.8957	0.1043	0.8968	0.7916	0.4362
exon.vs.intron-freq10%		0.8894	0.1106	0.8900	0.7788	0.4582
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc		0.5772	0.0497	0.4787	0.5067	0.3072
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9608	0.0392	0.9604	0.9208	0.2238
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3000	0.2000	0.0659	0.0000	0.3486
fonts10%		0.3807	0.0081	0.0911	0.3293	0.4296
forest		0.9231	0.0385	0.9071	0.8932	0.0993
gas		0.9590	0.0137	0.9563	0.9503	0.0760
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6000	0.2667	0.3800	0.1424	0.5617
gene		0.9211	0.0526	0.9100	0.8738	0.2162
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.3416	0.3292	0.3468	0.1222	0.7912
gina		0.8703	0.1297	0.8705	0.7403	0.5091
gisette		0.9600	0.0400	0.9600	0.9200	0.2256
glass		0.6190	0.1270	0.6457	0.4528	0.2722
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8427	0.6816	0.5635
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.4444	0.1852	0.3455	0.3571	0.1587
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.5352	0.0775	0.4698	0.4571	0.2798
har		0.6794	0.1282	0.6702	0.5920	0.4631
har70		0.7615	0.0682	0.4161	0.6146	0.1839

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har701%		0.7655	0.0670	0.4287	0.6210	0.1739
har7010%		0.7622	0.0679	0.4180	0.6161	0.1842
harth		0.6583	0.0570	0.2286	0.5056	0.2288
harth1%		0.6581	0.0570	0.2279	0.5061	0.2257
harth10%		0.6573	0.0571	0.2294	0.5044	0.2303
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.5882	0.4118	0.3704	0.0000	0.5049
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure		0.8400	0.1600	0.8119	0.6234	0.6155
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8369	0.1631	0.8369	0.6737	0.5899
hepmass10%		0.8354	0.1646	0.8354	0.6708	0.5930
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6545	0.3455	0.6518	0.3016	0.8726
higgs1%		0.6333	0.3667	0.6298	0.2555	0.8903
higgs10%		0.6353	0.3647	0.6323	0.2609	0.8888
higher		0.1429	0.2143	0.0500	0.0000	0.3604
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa		0.9309	0.0691	0.8763	0.7524	0.4459
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.5825	0.2784	0.5843	0.3729	0.6527
ht-sensor10%		0.5621	0.2919	0.5634	0.3430	0.6722
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9420	0.0290	0.9425	0.9227	0.1162
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		0.8667	0.0889	0.8500	0.7973	0.2122
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8010	0.0153	0.8281	0.7931	0.1338
jm1		0.8118	0.1882	0.6107	0.1157	0.5659
jvowels		0.9367	0.0141	0.9327	0.9283	0.0977
kc1		0.7536	0.2464	0.6049	0.2037	0.7586
kc1-class-level-defectiveornot		0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect		0.4286	0.0476	0.0294	0.0744	0.2009
kc1-class-level-top5percentDF		0.6000	0.4000	0.6617	0.1509	0.3113
kc2		0.8077	0.1923	0.6751	0.3350	0.7254
kddcup981%		0.9263	0.0737	0.4809	-0.0310	0.6583
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9929	0.0011	0.7393	0.9880	0.0165
kddcup9910%		0.9934	0.0007	0.6132	0.9888	0.0359
kepler		0.8546	0.0969	0.8035	0.7600	0.2336
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2717	0.0809	0.1768	0.1640	0.5105
krvskp		0.9655	0.0345	0.9656	0.9309	0.2014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
la1s-wc		0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		0.6667	0.3333	0.4000	0.0000	0.4644
leaf		0.7941	0.0103	0.4833	0.7844	0.0305
led24		0.6500	0.0700	0.5495	0.5989	0.1518
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7075	0.0225	0.7053	0.6957	0.2762
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8333	0.0222	0.8692	0.8212	0.0799
linkage		0.9999	0.0001	0.9905	0.9809	0.0364
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9110	0.0890	0.9047	0.8087	0.4035
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8113	0.0377	0.4055	0.7445	0.1579
lung		0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5846	0.4154	0.5861	0.1692	0.9325
magic04		0.7775	0.2225	0.7473	0.4867	0.7104
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8430	0.6859	0.5749
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6337	0.2442	0.6448	0.4325	0.5013
math		0.5000	0.2500	0.2727	0.1416	0.3257
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.3333	0.3333	0.3256	0.1111	0.3774
mental-health		0.2133	0.3147	0.2239	0.0180	0.7882
messidor		0.6174	0.3826	0.6267	0.2459	0.8840
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.8333	0.0833	0.8329	0.7672	0.1538
mfeat-fac		0.9050	0.0190	0.9191	0.8944	0.0815
mfeat-fou		0.8250	0.0350	0.8303	0.8056	0.1513
mfeat-kar		0.9550	0.0090	0.9557	0.9500	0.0563
mfeat-mor		0.7500	0.0500	0.7545	0.7222	0.2020
mfeat-pix		0.5200	0.0960	0.5944	0.4667	0.2634
mfeat-zer		0.8200	0.0360	0.8222	0.8000	0.0998
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8868	0.0755	0.8903	0.8293	0.2463
mines		0.5294	0.1882	0.4915	0.4081	0.4161
mobile		0.6993	0.0107	0.7289	0.6938	0.1373
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4728	0.0959	0.4272	0.3539	0.5175
musk		0.7182	0.2818	0.6199	0.2166	0.7134
MUT_ci300400a_cdk_ECFP2		0.7842	0.2158	0.7769	0.5401	0.6610
MUT_ci300400a_cdk_ECFP4		0.5940	0.4060	0.6235	0.0300	0.5044
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.7158	0.2842	0.7064	0.4125	0.8057
MUT_ci300400a_cdk_EXTENDED		0.6295	0.3705	0.6276	0.1379	0.6406
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5839	0.4161	0.6140	0.0033	0.5068
MUT_ci300400a_cdk_MACCS		0.5851	0.4149	0.6152	0.0067	0.5065
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.5844	0.4156	0.6141	0.0034	0.5066
MUT_ci300400a_rdkit_descriptors		0.5739	0.4261	0.3646	0.0000	0.5103
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9577	0.0423	0.9578	0.9154	0.2328
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.8642	0.0143	0.2041	0.5749	0.2200
ncRNA1%		0.8666	0.0140	0.1954	0.5769	0.1944
ncRNA10%		0.8635	0.0144	0.1970	0.5714	0.2161
neo		0.9027	0.0973	0.6073	0.1088	0.4676
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6340	0.3660	0.6315	0.2627	0.8974
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5278	0.3148	0.3416	0.0137	0.4489
nursery		0.8356	0.0822	0.7721	0.7586	0.2916
obesity		0.4265	0.1638	0.4468	0.3320	0.3734
obs		0.7870	0.1065	0.8429	0.6871	0.2511
occupancy		0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation		0.9911	0.0044	0.9707	0.9730	0.0307
oh0-wc		0.8119	0.0376	0.7852	0.7835	0.1638
oh10-wc		0.6762	0.0648	0.6464	0.6265	0.2557
oh15-wc		0.7174	0.0565	0.6772	0.6785	0.2559
oh5-wc		0.7363	0.0527	0.6993	0.6981	0.1857
olive		0.9298	0.0156	0.8974	0.9129	0.0464
opn310k		0.9093	0.0907	0.6572	0.0038	0.2089
opn310k10%		0.9123	0.0877	0.6612	0.0194	0.2041
opnat310k-hg16-17		0.9092	0.0908	0.6572	0.0038	0.2090
optdigits		0.8185	0.0363	0.8287	0.7983	0.1869
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.8750	0.0063	0.8584	0.8718	0.0282
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9684	0.0316	0.7102	0.1943	0.0960
ozone8hr		0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9616	0.0154	0.6885	0.7581	0.1262
parkinson		0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons		0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8508	0.1492	0.8061	0.6018	0.5717
particle10%		0.8546	0.1454	0.8116	0.6146	0.5668

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac			0.4794	0.5206	0.4730	-0.0538	1.0000
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8158	0.1842	0.7634	0.5254	0.6906
pediatric-leukemia			0.1765	0.2353	0.1413	0.0286	0.4717
pendigits			0.9327	0.0135	0.9321	0.9251	0.1005
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
personalities			0.9143	0.0107	0.9144	0.9086	0.1343
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%			0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7593	0.2407	0.6882	0.3725	0.7782
phy			0.5548	0.4452	0.5981	0.1055	0.6966
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.9817	0.0122	0.9638	0.9419	0.1011
placement			0.7730	0.2270	0.7734	0.5429	0.7051
plant-growth			0.7368	0.2632	0.7389	0.4751	0.7624
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4998	0.1250	0.1087	0.0020	0.2086
polish-1st			0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd			0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd			0.9505	0.0495	0.5511	0.0302	0.3606
polish-4th			0.9469	0.0531	0.5978	0.0332	0.2464
polish-5th			0.9255	0.0745	0.5611	0.0644	0.5071
polya			0.7438	0.2562	0.7380	0.4691	0.7493
popularity			0.6535	0.2310	0.4163	0.2421	0.4841
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8123	0.0751	0.8121	0.7653	0.2909
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6373	0.2647	0.8720
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.4848	0.0468	0.2393	0.4211	0.1858
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8243	0.0703	0.7550	0.7609	0.2496
puc-rio10%			0.8202	0.0719	0.7407	0.7549	0.2564
pufs-1281%			0.5068	0.4932	0.5068	0.0137	0.9960
pufs-12810%			0.4996	0.5003	0.4996	-0.0007	1.0000
pufs-641%			0.4988	0.5012	0.4988	-0.0025	1.0000
pufs-6410%			0.5031	0.4969	0.5031	0.0062	0.9983
pulsar			0.9800	0.0200	0.9381	0.8718	0.1509
raisin			0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc			0.8400	0.0246	0.8327	0.7934	0.2130

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
re1-wc			0.7952	0.0164	0.6170	0.7658	0.1728
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9846	0.0154	0.9845	0.9689	0.1025
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.8112	0.0315	0.3522	0.5352	0.0809
satimage			0.7465	0.0845	0.5845	0.6776	0.1957
satimageF			0.9860	0.0140	0.9634	0.9265	0.1603
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8910	0.1090	0.5662	0.1322	0.6664
secondary_mushroom			0.8361	0.1639	0.8352	0.6697	0.5928
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9437	0.0161	0.9496	0.9342	0.0670
segmentation			0.7178	0.2822	0.7246	0.4324	0.7523
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.6978	0.0549	0.6994	0.6676	0.2810
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.9133	0.0248	0.4747	0.7327	0.3059
sick			0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9199	0.0801	0.8798	0.7595	0.4634
skin10%			0.9163	0.0837	0.8730	0.7459	0.4723
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1400	0.4300	0.1448	-0.1364	0.8577
smk_can_187			0.7368	0.2632	0.7360	0.4693	0.7643
smoking			0.6960	0.3040	0.7146	0.4042	0.7515
soil_pollution			0.2000	0.3200	0.1966	-0.0008	0.8650
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.3529	0.0681	0.1982	0.2570	0.2661
spam-detection			0.9430	0.0570	0.8116	0.6135	0.4592
spambase			0.9130	0.0870	0.9088	0.8154	0.3806
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer			0.3269	0.0499	0.2596	0.2792	0.2477
splice-EI			0.9558	0.0442	0.9434	0.8858	0.3029
splice-IE			0.9117	0.0883	0.8757	0.7509	0.4580
sport-articles			0.7800	0.2200	0.7824	0.5530	0.6767
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5785	0.2810	0.4981	0.1828	0.4403
steel-b			0.8205	0.1795	0.6964	0.3757	0.6953
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9767	0.9533	0.1586
steel-o			0.7385	0.2615	0.6951	0.3560	0.7255
steel-p			0.9333	0.0667	0.7373	0.4474	0.5093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9641	0.0359	0.9005	0.8006	0.3957
stellar			0.9350	0.0433	0.9269	0.8830	0.1991
stock			0.9167	0.0833	0.8498	0.6905	0.4335
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.7980	0.2020	0.7954	0.5907	0.6703
stress			0.9206	0.0317	0.9248	0.9007	0.0846
student-lifestyle			0.6250	0.1500	0.3719	0.3646	0.3318
student-depression			0.8258	0.1742	0.8191	0.6360	0.6121
student-habits			0.3300	0.2680	0.1949	0.0062	0.7751
student-weekend			0.4000	0.2400	0.1972	0.1530	0.5643
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3077	0.4615	0.2230	-0.1250	0.6405
susy			0.7203	0.2797	0.7171	0.4308	0.7884
susy1%			0.7240	0.2760	0.7210	0.4372	0.7795
susy10%			0.7176	0.2824	0.7143	0.4251	0.7919
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9047	0.0953	0.9062	0.8093	0.4010
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.9418	0.0106	0.9461	0.9359	0.0629
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.6773	0.3227	0.4038	0.0000	0.4575
tourist			0.7500	0.1000	0.5250	0.6364	0.1042
tox_171			0.8235	0.0882	0.8709	0.7671	0.1047
toxicity			0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.4878	0.1138	0.1448	0.3045	0.2749
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.6667	0.1111	0.6119	0.5449	0.2812
trec31-wc			0.8172	0.0609	0.7002	0.7544	0.1523
trec41-wc			0.3182	0.1364	0.1673	0.1877	0.3565
trec45-wc			0.3043	0.1391	0.1880	0.1798	0.3891
tuandromd			0.9753	0.0247	0.9613	0.9225	0.1889
turkish			0.7750	0.1125	0.7859	0.7000	0.2826
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8060	0.0431	0.8222	0.7736	0.1753
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7500	0.1250	0.6926	0.6610	0.1860
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.4949	0.0918	0.5012	0.4444	0.2481
vowelZ			0.9798	0.0202	0.9473	0.8889	0.3322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vrnormat310k-hg16-17			0.9217	0.0783	0.7051	0.3546	0.4949
wap-wc			0.0256	0.0974	0.0025	0.0000	0.3747
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8520	0.0987	0.8521	0.7780	0.3485
weather-related			0.5942	0.0738	0.6305	0.5211	0.3315
web-phishing			0.8222	0.1185	0.6635	0.6687	0.3896
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.6667	0.1667	0.3125	0.2500	0.3385
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9731	0.0269	0.8382	0.6534	0.2957
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5660	0.1447	0.2080	0.2650	0.3614
winequality-white			0.5174	0.1609	0.3097	0.2101	0.4196
winnipeg			0.9831	0.0048	0.9769	0.9786	0.0458
winnipeg10%			0.9825	0.0050	0.9861	0.9779	0.0333
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.6797	0.7300	0.0644
yeast			0.4730	0.1054	0.2955	0.3187	0.4085
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9280	0.0144	0.9213	0.9192	0.1023

Table 42: Detailed results for EFGBTSVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0916	0.0865	0.0550	0.0326	0.6365
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.3500	0.6500	0.3492	-0.3000	1.0000
ads		0.5488	0.4512	0.6526	0.1835	0.4786
adult		0.8270	0.1730	0.7445	0.4824	0.6736
advanced-iot		0.8880	0.0373	0.9008	0.8656	0.0805
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.6979	0.2188	0.4125
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8498	0.1502	0.5583	0.0132	0.3854
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.7163	0.2837	0.6876	0.2522	0.5585
anneal		0.7753	0.0899	0.3509	0.3268	0.1771
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.4019	0.2990	0.5068	0.1920	0.5124
anuran-genus		0.5869	0.1033	0.2374	0.2494	0.6932
anuran-species		0.3833	0.1233	0.2104	0.2502	0.4729
anxiety		0.1083	0.1981	0.1086	-0.0030	0.8142
apple-quality		0.7725	0.2275	0.7731	0.5450	0.7101
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.5500	0.4500	0.5616	0.1176	0.9262
arrhythmia		0.5778	0.0844	0.1391	0.0717	0.2527

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.3636	0.1157	0.1515	0.2103	0.2877
audit-risk		0.9359	0.0641	0.9386	0.8697	0.2794
autism-adolescent		0.7273	0.2727	0.7203	0.2979	0.4416
autism-adult		0.7571	0.2429	0.6531	0.2788	0.7566
autism-child		0.5862	0.4138	0.6742	0.1944	0.5211
autos		0.5000	0.2000	0.4444	0.3355	0.4405
avila		0.4729	0.0878	0.1442	0.1864	0.4024
babies		0.4597	0.1544	0.1547	0.1577	0.5276
balance		0.9194	0.0538	0.6345	0.8480	0.1272
bank		0.9053	0.0947	0.7089	0.3570	0.5007
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.8894	0.1106	0.8908	0.7790	0.4494
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8000	0.2000	0.7837	0.5612	0.6606
biomed		0.6667	0.3333	0.6689	0.1503	0.4745
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5851	0.2075	0.5954	0.4468	0.5316
brain-tumor		0.4965	0.5035	0.4963	-0.0073	1.0000
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.3636	0.2121	0.3145	0.2300	0.3211
bridges		0.5000	0.1667	0.3280	0.3243	0.3140
bub10at310k-hg16-17		0.9091	0.0909	0.5856	0.0034	0.2275
bub12at310k-hg16-17		0.9092	0.0908	0.6025	0.0053	0.2274
bub8at310k-hg16-17		0.9090	0.0910	0.5675	0.0030	0.2335
cad		0.7000	0.3000	0.7044	0.3836	0.7499
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9710	0.0290	0.9696	0.9373	0.1858
cancer-uae		0.4780	0.3480	0.3023	-0.0156	0.5017
car		0.7184	0.1408	0.3877	0.4761	0.2717
car-insurance		0.8190	0.1810	0.7857	0.5705	0.6598
card		0.7101	0.2899	0.7336	0.3429	0.4644
cardiotocography		0.4366	0.1127	0.2854	0.3450	0.5767
cardiotocography-nsp		0.4413	0.3725	0.5658	0.1239	0.3427
cargo2k		0.9416	0.0389	0.9426	0.9122	0.1393
cars		0.6500	0.2333	0.5180	0.3212	0.5495
cas_N6512_cdk_ECFP2		0.6759	0.3241	0.6721	0.3419	0.8484
cas_N6512_rdkit_ATOMPAIR		0.6677	0.3323	0.6638	0.3250	0.8574
cas_N6512_RDkit_AtomPair_FP		0.6702	0.3298	0.6675	0.3236	0.8348
cas_N6512_rdkit_AVALON		0.6851	0.3149	0.6831	0.3662	0.8409
cas_N6512_RDkit_Avalon_FP		0.7623	0.2377	0.7635	0.5250	0.7249
cas_N6512_rdkit_descriptors		0.6954	0.3046	0.6986	0.3935	0.8160
cas_N6512_rdkit_FEATMORGAN		0.7081	0.2919	0.7058	0.4037	0.7942
cas_N6512_RDkit_Featmorgan_FP		0.7316	0.2684	0.7291	0.4568	0.7763
cas_N6512_RDkit_FP		0.6902	0.3098	0.6869	0.3713	0.8307
cas_N6512_rdkit_LAYERED		0.7246	0.2754	0.7221	0.4432	0.7874
cas_N6512_RDkit_Layered_FP		0.7132	0.2868	0.7120	0.4239	0.8040
cas_N6512_rdkit_MACCS		0.7112	0.2888	0.7084	0.4160	0.8064
cas_N6512_RDkit_MACCS_FP		0.7193	0.2807	0.7213	0.4400	0.7877
cas_N6512_rdkit_MORGAN		0.7292	0.2708	0.7274	0.4481	0.7670
cas_N6512_RDkit_morgan_FP		0.7224	0.2776	0.7198	0.4384	0.7902

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7354	0.2646	0.7342	0.4684	0.7729
cas_N6512_RDkit_pattern_FP		0.7025	0.2975	0.7015	0.4028	0.8178
cas_N6512_rdkit_RDKITFP		0.7035	0.2965	0.7006	0.3996	0.8148
cas_N6512_rdkit_TORSION		0.6138	0.3862	0.6083	0.2020	0.8843
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8440	0.1040	0.3979	0.0776	0.2660
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7513	0.2487	0.7294	0.4587	0.7647
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.7846	0.1077	0.5888	0.6758	0.2724
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6419	0.1271	0.4781
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6316	0.3684	0.6300	0.0343	0.4868
circles		0.0170	0.0197	0.0028	0.0071	0.2809
cirrhosis		0.5714	0.2857	0.4479	0.2814	0.4823
cjs		0.5964	0.1345	0.6303	0.4949	0.3541
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.2481	0.3759	0.1187	-0.2498	0.5301
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.4386	0.3023	0.4702
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4286	0.3810	0.3155	0.0494	0.7065
cnae-9		0.5093	0.1091	0.5580	0.4479	0.4085
codon_usage		0.3699	0.1146	0.2339	0.2446	0.5473
coil20		0.0417	0.0958	0.0102	-0.0095	0.4451
college		0.4935	0.5065	0.6220	0.1605	0.6449
collins		0.2800	0.0960	0.1073	0.1866	0.3101
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.5862	0.4138	0.3696	-0.0675	0.7923
colposcopies-3		0.6207	0.3793	0.6471	0.0963	0.4968
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.5517	0.4483	0.6311	0.0737	0.5218
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.5484	0.3011	0.5828	0.3493	0.4621
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7043	0.2957	0.7139	0.4102	0.7681
coupon		0.6798	0.3202	0.6684	0.3308	0.8410
covtype10%		0.6559	0.0983	0.2019	0.3813	0.2806

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.8574	0.1426	0.7647	0.5090	0.6392
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.1346	0.2885	0.2175	0.0249	0.2824
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.0312	0.0605	0.0312	0.0000	0.2244
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.1808	0.0086	0.8277
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
darwin		0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.8571	0.1429	0.8750	0.7200	0.4011
default		0.7827	0.2173	0.5970	0.0509	0.4911
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.9600	0.0400	0.9613	0.9196	0.1761
deposit		0.8905	0.1095	0.6868	0.3529	0.6245
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8378	0.0541	0.7195	0.7952	0.1435
desharnais		0.3750	0.4167	0.4138	0.1111	0.3538
dexter		0.4500	0.5500	0.4441	-0.1000	1.0000
df_final		0.5000	0.3333	0.5622	0.2099	0.5068
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8269	0.1731	0.8286	0.6007	0.3723
diabetes-risk		0.8474	0.1526	0.7688	0.5377	0.6598
diabetic		0.5638	0.2908	0.3757	0.1332	0.5642
diabetic1%		0.5294	0.3137	0.3206	0.0101	0.4959
diabetic10%		0.5452	0.3032	0.3464	0.0361	0.4786
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.7500	0.1250	0.7043	0.6552	0.2720
diamonds_all		0.5734	0.1706	0.3923	0.3840	0.4973
dishonest		0.9062	0.0938	0.9076	0.7983	0.3833
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5417	0.4583	0.5078	0.0149	0.9759
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dota2		0.6021	0.3979	0.5988	0.1954	0.9235
dota210%		0.5709	0.4291	0.5668	0.1320	0.9501
drebin		0.9426	0.0574	0.9396	0.8752	0.2478
dropout		0.5530	0.2980	0.4546	0.1425	0.4518
drug-01		0.3670	0.1809	0.1791	0.0611	0.5986
drug-02		0.5266	0.1353	0.1660	0.0471	0.3002
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5266	0.1353	0.1680	0.0508	0.3923
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2926	0.2021	0.1719	0.1494	0.5274
drug-07		0.4574	0.1809	0.1658	0.0771	0.3808
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5266	0.1353	0.0999	0.0068	0.3989
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.5585	0.1261	0.1230	0.0598	0.4665
drug-14		0.5479	0.1292	0.1334	0.0690	0.4435

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5266	0.1578	0.2330	0.0438	0.3878
drug-17		0.2181	0.2234	0.0859	-0.0104	0.5172
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.4923	0.1451	0.6159	0.4024	0.3787
ecoli		0.2353	0.2549	0.1533	0.0924	0.3652
ecoliCP-IM		0.8182	0.1818	0.8451	0.6452	0.4644
ecoliM		0.8182	0.1818	0.8012	0.5769	0.6201
ecoliMU		0.8182	0.1818	0.7660	0.4211	0.5000
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce		0.3200	0.3400	0.3141	0.0887	0.7364
eeg		0.1930	0.1009	0.1142	0.0984	0.8062
eeg-eye		0.6615	0.3385	0.6546	0.3057	0.8642
eeg10%		0.0440	0.1195	0.0715	0.0102	0.7143
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
euthyroid		0.9399	0.0601	0.8060	0.5821	0.3891
exon.vs.intron-freq		0.8769	0.1231	0.8801	0.7510	0.4490
exon.vs.intron-freq10%		0.8786	0.1214	0.8804	0.7548	0.4602
fakenews		0.5025	0.4975	0.5025	0.0050	0.9986
fbis-wc		0.3699	0.0741	0.1901	0.3024	0.6512
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8431	0.1569	0.8484	0.6757	0.4883
financial-risk		0.7015	0.0995	0.3969	0.4781	0.2799
fishcatch		0.3125	0.2292	0.2818	0.1814	0.3599
flags		0.4000	0.1714	0.2213	0.2523	0.3473
fonts10%		0.0647	0.0122	0.0100	0.0398	1.0000
forest		0.2115	0.3942	0.3936	0.0738	0.3973
gas		0.8893	0.0369	0.8885	0.8662	0.2093
gastrointestinal		0.4375	0.3750	0.4066	0.0336	0.6951
gender		0.5874	0.2751	0.4561	0.0313	0.4392
gene		0.3123	0.4585	0.4848	0.0820	0.5179
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.4974	0.2513	0.4996	0.3303	0.6522
gina		0.6916	0.3084	0.7347	0.3757	0.5660
gisette		0.9486	0.0514	0.9486	0.8971	0.2711
glass		0.5238	0.1587	0.3384	0.3731	0.3254
glass-g2		0.6875	0.3125	0.6789	0.3548	0.8301
glassBWFP		0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.6667	0.3333	0.6823	0.3163	0.7049
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.8750	0.1250	0.8730	0.7143	0.4644
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8571	0.1429	0.8547	0.7085	0.5490
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.2667	0.3667	0.3254	-0.0185	0.5156
gsalc		0.6667	0.1111	0.6222	0.6029	0.0856
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.4474	0.0921	0.2804	0.3401	0.4218
har		0.5438	0.1825	0.5795	0.4324	0.5160
har701%		0.2770	0.2066	0.2324	0.0883	0.4303
har7010%		0.3626	0.1821	0.2848	0.2093	0.4075
harth1%		0.6327	0.0612	0.2042	0.4867	0.2732
harth10%		0.4135	0.0978	0.1476	0.2492	0.3619

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hayes-roth		0.2500	0.5000	0.1816	-0.2387	0.6504
hcc-survival		0.6471	0.3529	0.6223	0.2031	0.8037
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack		0.6774	0.3226	0.7187	0.3049	0.4858
heart-c		0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure		0.8480	0.1520	0.8182	0.6124	0.5097
heart-quantum		0.7400	0.2600	0.7520	0.3925	0.4433
hepatitis		0.6000	0.4000	0.6019	0.1667	0.7161
hepmass1%		0.8360	0.1640	0.8364	0.6718	0.5883
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%		0.6718	0.3282	0.6697	0.3388	0.8559
higgs1%		0.6411	0.3589	0.6380	0.2738	0.8868
higher		0.0714	0.2321	0.0250	-0.0111	0.3976
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa		0.8331	0.1669	0.6552	0.0324	0.3155
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.5531	0.2979	0.5634	0.3228	0.6745
ht-sensor10%		0.5701	0.2866	0.5852	0.3444	0.6398
htru2		0.7732	0.2268	0.7004	0.3065	0.5329
hypothyroid		0.9072	0.0464	0.2378	-0.0043	0.1729
hypothyroidT		0.9178	0.0822	0.6219	0.2083	0.6001
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.7647	0.1177	0.7758	0.6862	0.3566
ionosphere		0.8000	0.2000	0.7561	0.4708	0.5962
iris		0.7333	0.1778	0.5636	0.5775	0.2352
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.0321	0.0745	0.0295	-0.0067	0.6700
jm1		0.8062	0.1938	0.5936	0.1133	0.6339
jvowels		0.2932	0.1571	0.4176	0.2145	0.4356
kc1		0.8389	0.1611	0.5467	0.0303	0.5295
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.5385	0.1846	0.2500	0.1522	0.4236
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7500	0.2500	0.6851	0.3574	0.7500
kddcup99		0.9184	0.0082	0.1575	0.8606	0.1849
kddcup991%		0.9702	0.0046	0.2249	0.9494	0.1004
kddcup9910%		0.9437	0.0059	0.1479	0.9040	0.1373
kepler		0.5711	0.2859	0.5080	0.1262	0.3914
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.7500	0.2500	0.7500	0.3846	0.4308
krkopt		0.2057	0.0883	0.0810	0.0932	0.5869
krvskp		0.9310	0.0690	0.9319	0.8622	0.3254
la1s-wc		0.5365	0.1545	0.4738	0.4231	0.6214
la2s-wc		0.5033	0.1656	0.4512	0.3803	0.6623
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.0294	0.0844	0.0097	-0.0117	0.2749
led24		0.3000	0.1556	0.1616	0.1860	0.3387
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.0765	0.0710	0.0736	0.0401	0.6377
leukemia		0.5714	0.2857	0.5000	0.2759	0.3404
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
libra		0.0833	0.1222	0.0941	0.0149	0.4163
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.6471	0.3529	0.3929	-0.0570	0.7599
loan		0.9110	0.0890	0.9055	0.8110	0.4138
lrs		0.4717	0.1509	0.4026	0.3445	0.3545
lung		0.9048	0.0381	0.7509	0.8182	0.1611
lung_discrete		0.5000	0.2000	0.4318	0.3600	0.2297
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.8889	0.1111	0.7805	0.4545	0.2500
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.6429	0.2381	0.4506	0.3333	0.4411
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.4362	0.5638	0.5998	0.0304	0.5282
madelon		0.5462	0.4538	0.5468	0.0923	0.9649
magic04		0.8296	0.1704	0.8091	0.5994	0.5626
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8430	0.6859	0.5749
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.5644	0.2904	0.5721	0.3328	0.6075
math		0.5000	0.2500	0.2811	0.1761	0.5105
mba		0.8371	0.1086	0.3783	0.0368	0.2629
mental-disorders		0.5833	0.2083	0.5617	0.4444	0.3306
mental-health		0.2433	0.3027	0.2523	0.0500	0.7959
messidor		0.6174	0.3826	0.6007	0.1678	0.8384
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		0.6667	0.2222	0.7222	0.4906	0.3568
meter-C		0.5556	0.2222	0.5447	0.4375	0.2607
meter-D		0.7778	0.1111	0.7516	0.7012	0.2156
mfeat-fac		0.6100	0.0780	0.5840	0.5667	0.2881
mfeat-fou		0.2600	0.1480	0.3278	0.1778	0.4922
mfeat-kar		0.3800	0.1240	0.4139	0.3111	0.3996
mfeat-mor		0.3950	0.1210	0.4085	0.3278	0.3024
mfeat-pix		0.6600	0.0680	0.6976	0.6222	0.2898
mfeat-zer		0.3750	0.1250	0.4348	0.3056	0.4508
mice-prot		0.6574	0.0856	0.6726	0.6080	0.3242
milk		0.9906	0.0063	0.9919	0.9855	0.0311
mines		0.4118	0.2353	0.4363	0.2719	0.4180
mobile		0.0210	0.0350	0.0159	0.0033	0.4220
monks-1		0.7455	0.2545	0.7651	0.4941	0.6495
monks-2		0.7213	0.2787	0.6684	0.2950	0.7415
monks-3		0.8929	0.1071	0.8973	0.7865	0.4114
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.8315	0.1685	0.8462	0.6589	0.4591
music		0.3289	0.1220	0.1947	0.1874	0.6877
musk		0.8470	0.1530	0.6048	0.1121	0.5476
MUT_ci300400a_cdk_ECFP2		0.7470	0.2530	0.7371	0.4574	0.7220
MUT_ci300400a_cdk_ECFP4		0.6922	0.3078	0.6793	0.3215	0.7590
MUT_ci300400a_cdk_ECFP6		0.7006	0.2994	0.6903	0.3410	0.7402
MUT_ci300400a_cdk_ESTATE		0.6966	0.3034	0.6812	0.3511	0.8115
MUT_ci300400a_cdk_EXTENDED		0.7218	0.2782	0.7101	0.3985	0.7513
MUT_ci300400a_cdk_FCFP2		0.7437	0.2563	0.7333	0.4498	0.7276
MUT_ci300400a_cdk_FCFP4		0.7230	0.2770	0.7127	0.3978	0.7351
MUT_ci300400a_cdk_FCFP6		0.6882	0.3118	0.6740	0.3154	0.7749

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_MACCS		0.7458	0.2542	0.7350	0.4587	0.7380
MUT_ci300400a_cdk_PUBCHEM		0.7593	0.2407	0.7491	0.4904	0.7237
MUT_ci300400a_cdk_STANDARD		0.6814	0.3186	0.6641	0.3078	0.8119
MUT_ci300400a_rdkit_descriptors		0.7581	0.2419	0.7541	0.5079	0.7403
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9240	0.0760	0.9243	0.8479	0.3551
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA		0.2190	0.0822	0.0501	0.0107	0.4507
ncRNA1%		0.7587	0.0254	0.0931	0.3025	0.6238
ncRNA10%		0.8229	0.0186	0.0811	0.4140	0.2368
neo		0.9072	0.0928	0.6435	0.1494	0.4078
new-thyroid		0.7143	0.1905	0.5106	0.4615	0.3214
new-thyroidT		0.2857	0.7143	0.5833	0.0541	0.3467
newspop		0.6486	0.3514	0.6460	0.2913	0.8818
NHANES_age_prediction		0.8634	0.1366	0.7064	0.2135	0.2804
nomao		0.9124	0.0876	0.8900	0.7748	0.3904
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.8673	0.0664	0.6595	0.8032	0.1729
obesity		0.6114	0.1110	0.6507	0.5479	0.3592
obs		0.7685	0.1157	0.7717	0.6512	0.3854
occupancy		0.9820	0.0180	0.9755	0.9503	0.1764
Occupancy_Estimation		0.6091	0.1955	0.3076	0.2277	0.4991
oh0-wc		0.0693	0.1861	0.1023	-0.0031	0.6970
oh10-wc		0.0952	0.1810	0.1271	0.0229	0.6403
oh15-wc		0.1304	0.1739	0.1102	0.0435	0.6332
oh5-wc		0.1099	0.1780	0.1044	0.0348	0.5667
ohscal-wc		0.1685	0.1663	0.2415	0.0977	0.6407
olive		0.4211	0.1287	0.2929	0.3138	0.3709
opn310k		0.9091	0.0909	0.5852	0.0017	0.2194
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9087	0.0913	0.5260	0.0011	0.2422
optdigits		0.6085	0.0783	0.6763	0.5641	0.2923
optdigitsZ		0.9893	0.0107	0.9678	0.9353	0.2008
orl		0.0750	0.0462	0.0536	0.0513	0.1799
orlraws10P		0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8247	0.1753	0.7996	0.5947	0.6265
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8695	0.7315	0.4955
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.1865	0.3254	0.3277	0.0446	0.2984
parkinson		0.8250	0.1750	0.8250	0.6173	0.4981
parkinsons		0.6588	0.3412	0.6274	0.1365	0.6317
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.8613	0.1387	0.8413	0.6765	0.5712
particle10%		0.8608	0.1392	0.8235	0.6455	0.5770
pasture		0.5000	0.3333	0.5000	0.2727	0.3214
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5258	0.4742	0.4350	-0.0850	0.9344
pcos		0.6667	0.3333	0.7359	0.3590	0.5170
pd		0.8289	0.1711	0.7524	0.4348	0.5007
pediatric-leukemia		0.2353	0.2185	0.2322	0.1221	0.5092
pendigits		0.4322	0.1136	0.4820	0.3678	0.4185
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
persistency			0.7464	0.2536	0.7213	0.4343	0.7555
personalities			0.0487	0.1189	0.0499	-0.0148	0.9299
pet-adoption			0.8500	0.1500	0.8326	0.6199	0.3928
phishing			0.6898	0.3102	0.7278	0.4103	0.6982
PhiUSIIL			0.9876	0.0124	0.9874	0.9745	0.0703
PhiUSIIL10%			0.9949	0.0051	0.9948	0.9896	0.0346
phoneme			0.6481	0.3519	0.6347	0.2544	0.8173
pima			0.6974	0.3026	0.6719	0.3150	0.7801
pirvision			0.5905	0.2730	0.5833	0.2270	0.3814
placement			0.7910	0.2090	0.7835	0.5637	0.6781
plant-growth			0.6842	0.3158	0.6833	0.3667	0.8414
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5005	0.1427	0.1425	0.0275	0.3047
poker10%			0.5173	0.1207	0.1308	0.0470	0.2461
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.6692	0.3308	0.6428	0.0980	0.5095
popularity			0.6456	0.2362	0.3882	0.1159	0.4445
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.7242	0.1103	0.7403	0.6557	0.3756
pred-tox_mutagen_ref-desc			0.5294	0.4706	0.6233	0.0588	0.5260
prestige			0.7778	0.1481	0.5926	0.6400	0.1389
primary-tumor			0.3030	0.1072	0.1513	0.2356	0.3030
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.8000	0.2000	0.8333	0.6154	0.4644
prostate			0.6429	0.3571	0.6443	0.2857	0.8758
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.5872	0.1651	0.4688	0.4264	0.3697
puc-rio10%			0.6657	0.1337	0.5443	0.5459	0.4130
pufs-1281%			0.5017	0.4983	0.5017	0.0033	0.9989
pufs-641%			0.4842	0.5158	0.4842	-0.0316	1.0000
pulsar			0.7175	0.2825	0.6931	0.2641	0.4786
raisin			0.9111	0.0889	0.9148	0.8222	0.3515
re0-wc			0.3600	0.0985	0.1188	0.1978	0.6721
re1-wc			0.0723	0.0742	0.0779	0.0407	0.7352
relathe			0.8803	0.1197	0.8902	0.7631	0.4021
rice			0.9687	0.0313	0.9684	0.9367	0.1892
rnaseq			0.8500	0.0600	0.8364	0.7991	0.1669
rocket			0.5980	0.4020	0.5463	0.0622	0.8292
RT_IOT2022			0.7752	0.0375	0.0938	0.2912	0.1309
satimage			0.3919	0.2027	0.4187	0.2852	0.3818
satimageF			0.4308	0.5692	0.6265	0.1096	0.3380
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.5714	0.1714	0.4571	0.4167	0.2504
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6176	0.3824	0.6397	0.2353	0.7947
sclerosis			0.8889	0.1111	0.8895	0.7769	0.4590
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.8209	0.1791	0.8190	0.6319	0.6043
seeds			0.7143	0.1905	0.7746	0.5714	0.1737
segment			0.3723	0.1793	0.3917	0.2774	0.4514
segmentation			0.8218	0.1782	0.8008	0.5913	0.6084
segmentO			0.9264	0.0736	0.8908	0.7571	0.4644
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9686	0.0314	0.9219	0.8396	0.3864

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sensorless			0.2415	0.1379	0.3426	0.1657	0.4416
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8475	0.1525	0.6000	0.0520	0.4254
shuttle			0.5919	0.1166	0.2223	0.3248	0.3127
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9673	0.0327	0.9494	0.8962	0.1767
skin10%			0.9240	0.0760	0.8813	0.7334	0.2036
smarket			0.8800	0.1200	0.8879	0.7587	0.3930
smart-farming			0.2400	0.3800	0.2064	-0.0270	0.7059
smk_can_187			0.4737	0.5263	0.4655	-0.0674	1.0000
soil_pollution			0.2267	0.3093	0.2332	0.0322	0.8349
solar-flare			0.6978	0.1007	0.5145	0.6060	0.2043
sonar			0.5000	0.5000	0.5000	0.0000	1.0000
soybean			0.4706	0.0557	0.1417	0.3916	0.2317
spam-detection			0.8215	0.1785	0.6119	0.2081	0.6588
spambase			0.8739	0.1261	0.8673	0.7307	0.4902
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.7143	0.2857	0.5889	0.1463	0.8021
spectrometer			0.0385	0.0712	0.0199	-0.0144	0.3789
splice-EI			0.3470	0.6530	0.5893	0.0640	0.4958
splice-IE			0.7697	0.2303	0.6495	0.0402	0.3842
sport-articles			0.7400	0.2600	0.7098	0.4023	0.7491
squash-stored			0.6000	0.2667	0.6667	0.4118	0.3599
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.6612	0.2258	0.6582	0.4841	0.5519
steel-b			0.7846	0.2154	0.5649	0.0678	0.6510
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7692	0.2308	0.7575	0.4658	0.6351
steel-o			0.7641	0.2359	0.7280	0.4343	0.7052
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.8974	0.1026	0.7969	0.5611	0.5878
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.9427	0.0382	0.9443	0.9141	0.1415
streaming			0.8160	0.1840	0.8145	0.6289	0.6354
stress			0.7460	0.1016	0.7671	0.6828	0.1641
student-lifestyle			0.6200	0.1520	0.3682	0.3521	0.3401
student-depression			0.8244	0.1756	0.8176	0.6328	0.6146
student-habits			0.3900	0.2440	0.1745	0.0243	0.4510
student-weekend			0.3538	0.2585	0.1848	0.0084	0.5861
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.3075	0.0545	0.6678
susy1%			0.7994	0.2006	0.7986	0.5911	0.6479
swarm_aligned			0.9446	0.0554	0.9350	0.8697	0.3008
swarm_flocking			0.8177	0.1823	0.8285	0.6353	0.5505
swarm_grouped			0.7102	0.2898	0.7568	0.4541	0.6259
tae			0.1333	0.5778	0.0889	-0.3000	0.7081
telco-churn			0.7884	0.2116	0.7062	0.2888	0.4897
texture			0.4927	0.0922	0.5285	0.4399	0.3153
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7517	0.2483	0.4291	-0.0015	0.4242
tis10%			0.7463	0.2537	0.4274	-0.0147	0.5482
titanic			0.8045	0.1955	0.7774	0.4733	0.4392
tourist			0.5000	0.2000	0.2000	0.2727	0.2292
tox_171			0.7059	0.1471	0.7248	0.6065	0.3081
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.2927	0.1572	0.1592	0.1434	0.4943
trec12-wc			0.3871	0.1532	0.2303	0.1865	0.3079
trec21-wc			0.6364	0.1455	0.1585	-0.0154	0.4790
trec23-wc			0.2857	0.2381	0.1999	0.0816	0.6440
trec31-wc			0.4839	0.1720	0.3758	0.2808	0.4723
trec41-wc			0.3409	0.1318	0.2369	0.1708	0.3339
trec45-wc			0.3623	0.1275	0.1983	0.2374	0.4937
tuandromd			0.7108	0.2892	0.7417	0.3990	0.5847
turkish			0.3750	0.3125	0.3642	0.1667	0.4940
tvnews			0.8327	0.1673	0.8175	0.6167	0.5495
tvnews1%			0.6538	0.3462	0.6157	0.0874	0.5829
tvnews10%			0.7810	0.2190	0.7644	0.4768	0.5741
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.4478	0.1227	0.2551	0.3424	0.3847
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.6905	0.1548	0.6821	0.5857	0.3205
vehicleVAN			0.9167	0.0833	0.8853	0.7586	0.3445
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.6279	0.3721	0.6939	0.2423	0.5085
vowel			0.0606	0.1708	0.0644	-0.0333	0.5099
vowelZ			0.4545	0.5455	0.4309	-0.0645	0.4542
vrnormat310k-hg16-17			0.9062	0.0938	0.5758	0.0663	0.4734
wap-wc			0.2436	0.0756	0.0554	0.0611	0.4144
warpar10p			0.3077	0.1385	0.2882	0.2148	0.2708
warppie10p			0.9048	0.0190	0.9243	0.8939	0.0443
water_pollution			0.2833	0.3583	0.2681	0.0418	0.7636
waveform			0.3420	0.4387	0.2759	0.0046	0.5483
weather-related			0.4923	0.0923	0.1899	0.3828	0.2863
web-phishing			0.6889	0.2074	0.6217	0.3990	0.4225
Weekly			0.8981	0.1019	0.9076	0.7984	0.3374
white-clover			0.5000	0.5000	0.3333	-0.2857	1.0000
wifi-loc			0.7150	0.1425	0.7566	0.6200	0.3211
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.7647	0.1569	0.8073	0.6421	0.3540
winequality-red			0.5597	0.1468	0.2039	0.2502	0.3357
winequality-white			0.5256	0.1581	0.2588	0.2291	0.5186
winnipeg			0.3120	0.1966	0.3175	0.1821	0.4407
winnipeg10%			0.4035	0.1704	0.3668	0.2774	0.4415
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.1250	0.1167	0.0889	0.0628	0.2228
yeast			0.3649	0.1411	0.2239	0.2005	0.6810
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.4118	0.1176	0.4394	0.3490	0.4481

Table 43: Detailed results for EFGBTSVM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1325	0.0826	0.0789	0.0372	0.5150
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.5610	0.4390	0.6310	0.1659	0.5258
adult		0.8243	0.1757	0.7400	0.4730	0.6789
advanced-iot		0.9040	0.0320	0.9071	0.8848	0.0900
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.5714	0.4286	0.3636	-0.2353	0.7045
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.3939	-0.0938	0.8482
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7653	0.2347	0.6535	0.0570	0.3892
air-booking		0.8498	0.1502	0.5782	0.0466	0.4687
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7395	0.2605	0.7162	0.3256	0.5402
anneal		0.8202	0.0719	0.5027	0.5609	0.3290
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.5647	0.2177	0.3872	0.1679	0.4379
anuran-genus		0.7677	0.0581	0.3407	0.5592	0.2651
anuran-species		0.7167	0.0567	0.5054	0.6122	0.3515
anxiety		0.1083	0.1981	0.1379	-0.0041	0.6711
apple-quality		0.7750	0.2250	0.7782	0.5500	0.6903
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.4500	0.5500	0.4384	-0.1224	1.0000
arrhythmia		0.5778	0.0844	0.1360	0.0707	0.2537
auction		0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audit-risk		0.7692	0.2308	0.8124	0.5615	0.4842
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.8000	0.2000	0.7323	0.4586	0.7088
autism-child		0.4828	0.5172	0.3256	0.0000	0.5300
autos		0.4500	0.2200	0.4021	0.2361	0.3030
avila		0.4931	0.0845	0.2684	0.2017	0.3337
babies		0.4435	0.1590	0.1444	0.1121	0.3773
balance		0.8065	0.1290	0.5548	0.6357	0.3292
bank		0.9043	0.0957	0.7161	0.4037	0.5661
banknote		0.8759	0.1241	0.8840	0.7417	0.3333
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.8894	0.1106	0.8895	0.7789	0.4611
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8667	0.1333	0.8573	0.7089	0.5044
biomed		0.7143	0.2857	0.7175	0.2921	0.4528
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5418	0.2291	0.5733	0.3891	0.5271
brain-tumor		0.5085	0.4915	0.5087	0.0173	0.9937
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.5455	0.4545	0.5222	0.0351	0.9096
breast-cancer-ma		0.4545	0.5455	0.4655	-0.0645	0.9927
breast-tissue		0.6364	0.1212	0.5193	0.5464	0.2045
bridges		0.7000	0.1000	0.4247	0.5161	0.1487
bub10at310k-hg16-17		0.9075	0.0925	0.5600	0.0251	0.3691
bub12at310k-hg16-17		0.9071	0.0929	0.5478	0.0192	0.3765
bub8at310k-hg16-17		0.9065	0.0935	0.5542	0.0298	0.4148
cad		0.9000	0.1000	0.9010	0.7826	0.4011
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae		0.4600	0.3600	0.2900	-0.0422	0.5433
car		0.6092	0.1954	0.3493	0.3176	0.3024
car-insurance		0.8330	0.1670	0.8000	0.5966	0.6220
card		0.6377	0.3623	0.6676	0.1565	0.4929
cardiotocography		0.3568	0.1286	0.4372	0.2777	0.4295
cardiotocography-nsp		0.4460	0.3693	0.3790	0.0491	0.6228
cargo2k		0.8985	0.0677	0.9002	0.8478	0.2161
cars		0.7000	0.2000	0.6008	0.3379	0.4292
cas_N6512_cdk_ECFP2		0.6590	0.3410	0.6552	0.3094	0.8704
cas_N6512_rdkit_ATOMPAIR		0.6262	0.3738	0.6206	0.2338	0.8909
cas_N6512_RDkit_AtomPair_FP		0.6503	0.3497	0.6458	0.2857	0.8694
cas_N6512_rdkit_AVALON		0.7051	0.2949	0.7020	0.4027	0.8136
cas_N6512_RDkit_Avalon_FP		0.7147	0.2853	0.7119	0.4220	0.7993
cas_N6512_rdkit_descriptors		0.6985	0.3015	0.7020	0.3999	0.8109
cas_N6512_rdkit_FEATMORGAN		0.6728	0.3272	0.6689	0.3350	0.8511
cas_N6512_RDkit_Featmorgan_FP		0.6886	0.3114	0.6890	0.3770	0.8326
cas_N6512_RDkit_FP		0.6672	0.3328	0.6636	0.3258	0.8604
cas_N6512_rdkit_LAYERED		0.7108	0.2892	0.7093	0.4186	0.8076
cas_N6512_RDkit_Layered_FP		0.7132	0.2868	0.7104	0.4173	0.7978
cas_N6512_rdkit_MACCS		0.7358	0.2642	0.7337	0.4673	0.7728
cas_N6512_RDkit_MACCS_FP		0.7347	0.2653	0.7351	0.4691	0.7702
cas_N6512_rdkit_MORGAN		0.6938	0.3062	0.6911	0.3750	0.8151
cas_N6512_RDkit_morgan_FP		0.6856	0.3144	0.6831	0.3661	0.8404
cas_N6512_rdkit_PATTERN		0.7185	0.2815	0.7158	0.4283	0.7909
cas_N6512_RDkit_pattern_FP		0.6871	0.3129	0.6863	0.3723	0.8369
cas_N6512_rdkit_RDKITFP		0.7051	0.2949	0.7024	0.3998	0.8052

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_TORSION		0.6169	0.3831	0.6110	0.2114	0.8915
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8441	0.1039	0.4020	0.1105	0.2944
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8446	0.1554	0.8270	0.6524	0.5866
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.7405	0.1298	0.5569	0.6079	0.3913
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8110	0.1890	0.6414	0.1970	0.6053
churn-bigml		0.8577	0.1423	0.6607	0.0430	0.2846
ci900367j_MACCS		0.6632	0.3368	0.6391	0.1456	0.6008
circles		0.7990	0.0040	0.8062	0.7970	0.0709
cirrhosis		0.6429	0.2381	0.4184	0.2164	0.3909
cjs		0.6036	0.1321	0.6930	0.5222	0.2836
ckd		0.9500	0.0500	0.9461	0.8864	0.1761
clave		0.7278	0.1361	0.4805	0.5604	0.3973
climate		0.9074	0.0926	0.4757	-0.0305	0.6464
cll_sub_111		0.5833	0.2778	0.5556	0.3182	0.5962
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4898	0.3401	0.4541	0.1414	0.6108
cnae-9		0.6759	0.0720	0.6910	0.6354	0.3370
codon_usage		0.5779	0.0767	0.3258	0.4808	0.3493
coil20		0.8681	0.0132	0.8774	0.8611	0.0713
college		0.5974	0.4026	0.6336	0.2268	0.7569
collins		0.4400	0.0747	0.3707	0.3769	0.2908
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.3830	-0.0669	0.7895
colposcopies-2		0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3		0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.5517	0.4483	0.5505	0.0872	0.9112
colposcopies-c		0.7931	0.2069	0.6969	0.2018	0.3671
column-2c		0.8710	0.1290	0.8558	0.6702	0.3064
column-3c		0.3871	0.4086	0.4512	0.1196	0.5810
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.6779	0.3221	0.7106	0.3589	0.6805
coupon		0.6735	0.3265	0.6635	0.3252	0.8561
covtype10%		0.6745	0.0930	0.2950	0.4424	0.2965
covtypeCD		0.9115	0.0885	0.8149	0.6297	0.5620
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.5548	0.1484	0.3477	0.2707	0.5622
cryotherapy		0.5556	0.4444	0.6667	0.1818	0.5283
cultivars		0.2812	0.0449	0.1875	0.2581	0.1414
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1900	0.2700	0.1850	0.0249	0.8390
cyclopentane		0.6667	0.3333	0.6887	0.3520	0.7865
darwin		0.7778	0.2222	0.7778	0.5556	0.7044
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld		0.4286	0.5714	0.3000	0.0000	0.5288
default		0.7813	0.2187	0.5938	0.1115	0.6488
defect		0.8426	0.1574	0.6562	0.0319	0.3038
dementia		0.8500	0.1500	0.8546	0.6973	0.5111
deposit		0.8929	0.1071	0.6831	0.3290	0.5904
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8649	0.0450	0.8985	0.8327	0.0516
desharnais		0.5000	0.3333	0.4036	0.1795	0.3510
dexter		0.4000	0.6000	0.3902	-0.2000	1.0000
df_final		0.3750	0.4167	0.3158	0.0123	0.6961
DIA		0.7167	0.2833	0.5000	0.0000	0.8156
diabetes		0.7885	0.2115	0.7847	0.5654	0.6841
diabetes-risk		0.8481	0.1519	0.7610	0.5208	0.6575
diabetic		0.5603	0.2931	0.3671	0.1294	0.5341
diabetic1%		0.5686	0.2876	0.3667	0.1130	0.4830
diabetic10%		0.5334	0.3111	0.3260	0.0286	0.5080
diagnosis		0.7500	0.2500	0.7391	0.4706	0.7398
diamonds		0.6000	0.2000	0.5464	0.4444	0.4856
diamonds_all		0.6110	0.1556	0.4215	0.4388	0.5059
dishonest		0.8438	0.1562	0.8590	0.6800	0.4644
dlbcl-harvard-outcome		0.6000	0.4000	0.7059	0.2857	0.5283
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5833	0.4167	0.5391	0.0625	0.8922
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dota2		0.5981	0.4019	0.5947	0.1872	0.9269
dota210%		0.5563	0.4437	0.5535	0.1067	0.9642
drebin		0.9043	0.0957	0.8976	0.7945	0.4233
dropout		0.6095	0.2603	0.5000	0.2756	0.5126
drug-01		0.4149	0.1672	0.1291	0.0512	0.3733
drug-02		0.5106	0.1398	0.0966	-0.0067	0.3331
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3777	0.1778	0.1794	0.2033	0.5438
drug-07		0.4096	0.1968	0.1333	-0.0183	0.3780
drug-08		0.5532	0.1277	0.1021	0.0049	0.2691
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5479	0.1292	0.1772	0.0161	0.2710
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6064	0.1125	0.1701	0.1746	0.3384
drug-14		0.5638	0.1246	0.1034	-0.0012	0.3072
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1596	0.1390	0.0283	0.3414
drug-17		0.3457	0.1869	0.1243	0.0662	0.4590

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.5143	0.1388	0.6006	0.4424	0.3564
ecoli		0.6765	0.1078	0.5876	0.5542	0.3360
ecoliCP-IM		0.7727	0.2273	0.8145	0.5669	0.4929
ecoliM		0.4242	0.5758	0.6338	0.1328	0.4784
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce		0.2600	0.3700	0.2510	0.0123	0.8162
eeg		0.3298	0.0838	0.2902	0.2451	0.5597
eeg-eye		0.6375	0.3625	0.6302	0.2585	0.8930
eeg10%		0.2673	0.0916	0.1827	0.1778	0.5674
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
euthyroid		0.8734	0.1266	0.6423	0.2847	0.6961
exon.vs.intron-freq		0.8273	0.1727	0.8358	0.6488	0.5226
exon.vs.intron-freq10%		0.8701	0.1299	0.8720	0.7375	0.4820
fakenews		0.5150	0.4850	0.5150	0.0300	0.9913
fbis-wc		0.4553	0.0641	0.2310	0.3470	0.3709
fertility		0.6000	0.4000	0.3750	-0.1765	0.5613
finance		0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk		0.7015	0.0995	0.3978	0.4705	0.2389
fishcatch		0.8125	0.0625	0.8344	0.7659	0.1654
flags		0.5000	0.1429	0.3644	0.3730	0.3306
forest		0.6538	0.1731	0.6708	0.5130	0.3893
gas		0.8231	0.0590	0.8219	0.7844	0.2058
gastrointestinal		0.7500	0.1667	0.5623	0.5616	0.2839
gender		0.5642	0.2905	0.3132	-0.0055	0.4977
gene		0.5426	0.3049	0.6017	0.3445	0.5965
german		0.6700	0.3300	0.6463	0.0730	0.4665
gestures		0.4812	0.2594	0.5145	0.3090	0.5743
gina		0.7810	0.2190	0.7826	0.5607	0.6852
gisette		0.9243	0.0757	0.9252	0.8486	0.3451
glass		0.6190	0.1270	0.5105	0.4799	0.3462
glass-g2		0.5625	0.4375	0.6219	0.2000	0.7908
glassBWFP		0.7143	0.2857	0.6863	0.3636	0.8021
glassBWNFP		0.7619	0.2381	0.7158	0.4000	0.6957
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.7619	0.2381	0.7419	0.4560	0.6907
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.6842	0.3158	0.6910	0.3736	0.8166
gli_85		0.7500	0.2500	0.7895	0.5000	0.5283
glioma		0.6000	0.2667	0.5333	0.4444	0.1500
glioma-grade		0.8571	0.1429	0.8534	0.6987	0.5125
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.4667	0.2667	0.3584	0.2357	0.5412
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7667	0.2333	0.6861	0.1732	0.3932
hapt		0.8051	0.0325	0.4129	0.7678	0.1812
har		0.5469	0.1812	0.5630	0.4274	0.5423
har701%		0.4473	0.1579	0.3207	0.2698	0.3828
har7010%		0.4680	0.1520	0.3192	0.2939	0.4044
harth1%		0.4379	0.0937	0.2326	0.2867	0.4612
harth10%		0.6259	0.0623	0.2867	0.5039	0.4157
hayes-roth		0.3125	0.4583	0.2338	-0.1429	0.6413
hcc-survival		0.4706	0.5294	0.4074	-0.1679	1.0000
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7037	0.2963	0.7191	0.4194	0.7601

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-attack		0.5806	0.4194	0.5700	0.1370	0.9421
heart-c		0.8000	0.2000	0.8228	0.5872	0.4205
heart-failure		0.8160	0.1840	0.7792	0.5544	0.6578
heart-quantum		0.7600	0.2400	0.7615	0.5161	0.7191
hepatitis		0.5333	0.4667	0.5681	0.1026	0.7006
hepmass1%		0.8330	0.1670	0.8336	0.6659	0.5933
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.6923	0.3077	0.5667	0.1333	0.8605
higgs0.1%		0.6518	0.3482	0.6489	0.2945	0.8727
higgs1%		0.6428	0.3572	0.6397	0.2767	0.8839
higher		0.2143	0.1964	0.1048	0.0253	0.3913
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.8438	0.1562	0.8477	0.6825	0.5231
hiv1-proteasa		0.8432	0.1568	0.6694	0.1356	0.3647
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.4167	0.3889	0.2392	-0.1455	0.5942
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.4947	0.3369	0.5410	0.2266	0.6087
ht-sensor10%		0.5018	0.3321	0.5379	0.2384	0.6326
htru2		0.7453	0.2547	0.6947	0.2813	0.5058
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.6201	0.1490	0.4770
ilpd		0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.7927	0.1037	0.8098	0.7236	0.2729
ionosphere		0.7714	0.2286	0.7368	0.3396	0.4011
iris		0.7333	0.1778	0.5675	0.5804	0.2190
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.6637	0.0259	0.6980	0.6502	0.2219
jm1		0.8145	0.1855	0.6229	0.1170	0.5215
jvowels		0.6827	0.0705	0.6678	0.6382	0.3099
kc1		0.8578	0.1422	0.6870	0.1444	0.2864
kc1-class-level-defectiveornot		0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.6929	0.3824	0.7363
kddcup991%		0.9245	0.0116	0.2143	0.8660	0.0609
kddcup9910%		0.9174	0.0087	0.1420	0.8571	0.0586
kepler		0.7751	0.1499	0.7134	0.6186	0.4095
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.8500	0.1500	0.8485	0.6522	0.3453
krkopt		0.3159	0.0760	0.2416	0.2303	0.5452
krvskp		0.9091	0.0909	0.9092	0.8180	0.4044
la1s-wc		0.5365	0.1545	0.4878	0.4083	0.5981
la2s-wc		0.4901	0.1700	0.4497	0.3411	0.5712
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.6176	0.0332	0.5912	0.5975	0.1163
led24		0.7500	0.0556	0.7729	0.7159	0.1359
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.6400	0.0277	0.6508	0.6252	0.2849
leukemia		0.5714	0.2857	0.5820	0.3636	0.4758
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.5556	0.0593	0.5743	0.5232	0.1659
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.6765	0.3235	0.4035	0.0000	0.4580

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
loan		0.8946	0.1054	0.8881	0.7674	0.4005
lrs		0.3962	0.1725	0.3325	0.2733	0.3819
lung		0.7143	0.1143	0.7929	0.5855	0.3522
lung_discrete		0.7500	0.1000	0.8000	0.6863	0.1500
lung-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1		0.8000	0.0800	0.6217	0.5266	0.2752
lung-cancer-harvard2		0.8333	0.1667	0.6593	0.3077	0.7195
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.5556	0.4444	0.3571	0.0000	0.5164
lymphography		0.5714	0.2857	0.3597	0.0667	0.4983
lymphoma2		0.6667	0.1111	0.5804	0.5500	0.1850
machine-failure		0.7553	0.2447	0.7808	0.5261	0.6331
madelon		0.4808	0.5192	0.4808	-0.0385	1.0000
magic04		0.8190	0.1810	0.7959	0.5797	0.6111
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8021	0.1979	0.8017	0.6000	0.6506
marketing		0.8571	0.1429	0.6250	0.1565	0.5514
maternal		0.5248	0.3168	0.5232	0.2882	0.6238
math		0.7000	0.1500	0.3886	0.4990	0.2977
mba		0.8290	0.1140	0.3613	0.0518	0.3356
mental-disorders		0.5000	0.2500	0.4909	0.3333	0.2918
mental-health		0.2300	0.3080	0.2277	0.0361	0.8394
messidor		0.6261	0.3739	0.6360	0.1640	0.6574
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		0.7778	0.1481	0.8497	0.6667	0.1944
meter-C		0.8333	0.0833	0.8404	0.7712	0.1995
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.8100	0.0380	0.8155	0.7889	0.1856
mfeat-fou		0.4850	0.1030	0.5215	0.4278	0.4037
mfeat-kar		0.7900	0.0420	0.7957	0.7667	0.2368
mfeat-mor		0.6250	0.0750	0.6497	0.5833	0.2576
mfeat-pix		0.8750	0.0250	0.8830	0.8611	0.1326
mfeat-zer		0.4250	0.1150	0.4430	0.3611	0.4009
mice-prot		0.7778	0.0556	0.7924	0.7459	0.2249
milk		0.8868	0.0755	0.8802	0.8241	0.2158
mines		0.4706	0.2118	0.4777	0.3369	0.4970
mobile		0.4685	0.0190	0.5015	0.4588	0.2052
monks-1		0.5273	0.4727	0.5325	0.0604	0.9536
monks-2		0.6721	0.3279	0.5909	0.1372	0.7914
monks-3		0.8214	0.1786	0.8301	0.6451	0.5684
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.8573	0.1427	0.8661	0.7119	0.4492
music		0.3278	0.1222	0.3177	0.2058	0.6243
musk		0.8409	0.1591	0.6035	0.1587	0.6642
MUT_ci300400a_cdk_ECFP2		0.7002	0.2998	0.6873	0.3723	0.8241
MUT_ci300400a_cdk_ECFP4		0.6958	0.3042	0.6802	0.3430	0.7997
MUT_ci300400a_cdk_ECFP6		0.6826	0.3174	0.6660	0.3124	0.8120
MUT_ci300400a_cdk_ESTATE		0.6906	0.3094	0.6756	0.3457	0.8312
MUT_ci300400a_cdk_EXTENDED		0.6882	0.3118	0.6718	0.3283	0.8140
MUT_ci300400a_cdk_FCFP2		0.7114	0.2886	0.6979	0.3764	0.7730
MUT_ci300400a_cdk_FCFP4		0.6930	0.3070	0.6796	0.3265	0.7683
MUT_ci300400a_cdk_FCFP6		0.6871	0.3130	0.6712	0.3356	0.8331
MUT_ci300400a_cdk_MACCS		0.7290	0.2710	0.7169	0.4278	0.7769
MUT_ci300400a_cdk_PUBCHEM		0.7365	0.2635	0.7263	0.4513	0.7750
MUT_ci300400a_cdk_STANDARD		0.7090	0.2910	0.6953	0.3701	0.7737
MUT_ci300400a_rdkit_descriptors		0.7356	0.2644	0.7292	0.4583	0.7765
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
naticusdroid			0.8213	0.1787	0.8394	0.6430	0.4770
NCI60			0.6667	0.1111	0.5714	0.6000	0.1060
nci9			0.3333	0.2222	0.1961	0.2000	0.2286
ncRNA			0.8466	0.0162	0.0898	0.4598	0.1327
ncRNA1%			0.8406	0.0168	0.0901	0.4098	0.1264
ncRNA10%			0.8173	0.0192	0.0817	0.3307	0.1750
neo			0.7706	0.2294	0.4912	-0.0165	0.6739
new-thyroid			0.3810	0.4127	0.6536	0.2288	0.3133
new-thyroidT			0.5238	0.4762	0.6645	0.1860	0.4238
newspop			0.6493	0.3507	0.6464	0.2917	0.8800
NHANES_age_prediction			0.8855	0.1145	0.7608	0.3929	0.2531
nomao			0.8955	0.1045	0.8698	0.7389	0.4801
NPHA-doctor-visits			0.5139	0.3241	0.2263	-0.0223	0.4554
nursery			0.8102	0.0949	0.6165	0.7183	0.2753
obesity			0.7773	0.0636	0.8097	0.7397	0.1782
obs			0.6759	0.1620	0.6729	0.5203	0.4147
occupancy			0.9796	0.0204	0.9715	0.9428	0.1779
Occupancy_Estimation			0.2369	0.3815	0.5292	0.1111	0.4047
oh0-wc			0.3663	0.1267	0.3077	0.2492	0.5021
oh10-wc			0.2762	0.1448	0.2088	0.1621	0.5173
oh15-wc			0.1739	0.1652	0.1040	0.0637	0.5733
oh5-wc			0.2857	0.1429	0.2693	0.1695	0.5368
olive			0.7895	0.0468	0.7805	0.7472	0.2251
opn310k			0.9052	0.0948	0.5268	0.0137	0.4322
opn310k10%			0.9094	0.0906	0.4763	-0.0037	0.3229
opnat310k-hg16-17			0.9055	0.0945	0.5363	0.0192	0.4287
optdigits			0.8256	0.0349	0.8386	0.8062	0.1898
optdigitsZ			0.9253	0.0747	0.8473	0.6567	0.5360
orl			0.7250	0.0138	0.6640	0.7179	0.0458
orlraws10P			0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer			0.8800	0.1200	0.8742	0.7458	0.5017
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7784	0.2216	0.7415	0.4651	0.6902
P-Glycoprotein_c_RDkit_AtomPair_FP			0.7698	0.2302	0.7690	0.5345	0.7096
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9031	0.0388	0.1898	0.0000	0.0975
parkinson			0.8917	0.1083	0.8916	0.7677	0.3621
parkinsons			0.6682	0.3318	0.6282	0.1842	0.7247
parkinsons-small			0.8421	0.1579	0.7920	0.4956	0.3261
particle			0.8612	0.1388	0.8398	0.6744	0.5743
particle10%			0.8438	0.1562	0.7963	0.5808	0.5863
pasture			0.5000	0.3333	0.4000	0.2000	0.3874
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5825	0.4175	0.5446	0.0788	0.9206
pcos			0.5233	0.4767	0.6738	0.2134	0.4780
pd			0.7500	0.2500	0.6029	0.1739	0.7752
pediatric-leukemia			0.3235	0.1933	0.3652	0.2234	0.4969
pendigits			0.7798	0.0440	0.7851	0.7550	0.2506
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.4444	0.5556	0.4208	-0.1538	0.9711
persistency			0.6880	0.3120	0.6486	0.2738	0.8117
personalities			0.7385	0.0327	0.7524	0.7211	0.3124
pet-adoption			0.8450	0.1550	0.8231	0.6122	0.4683
phishing			0.6776	0.3224	0.7251	0.3942	0.6796
PhiUSIIL			0.9706	0.0294	0.9705	0.9394	0.1362
PhiUSIIL10%			0.9597	0.0403	0.9589	0.9174	0.2189

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
phoneme			0.8519	0.1481	0.8137	0.6263	0.5996
pima			0.6316	0.3684	0.5953	0.1815	0.8969
pirvision			0.1444	0.5704	0.4676	0.0269	0.2881
placement			0.7890	0.2110	0.7826	0.5651	0.6902
plant-growth			0.6316	0.3684	0.6644	0.2811	0.7662
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5151	0.1385	0.1473	0.0569	0.2984
poker10%			0.5254	0.1187	0.1330	0.0717	0.2680
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.6627	0.3373	0.5948	0.1566	0.8251
popularity			0.6449	0.2367	0.3883	0.1303	0.4602
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.6318	0.1473	0.6500	0.5393	0.4237
pred-tox_mutagen_ref-desc			0.5882	0.4118	0.6184	0.1765	0.7702
prestige			0.7778	0.1481	0.5926	0.6400	0.1389
primary-tumor			0.3939	0.0932	0.2858	0.3175	0.2936
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.7000	0.3000	0.6784	0.3478	0.8165
prostate			0.5000	0.5000	0.5000	0.0000	0.9876
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.6387	0.1445	0.6524	0.5368	0.4072
puc-rio10%			0.6409	0.1436	0.6390	0.5337	0.4353
pufs-1281%			0.5053	0.4947	0.5053	0.0107	0.9966
pufs-641%			0.4867	0.5133	0.4866	-0.0267	1.0000
pulsar			0.2203	0.7797	0.5616	0.0294	0.2484
raisin			0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc			0.5133	0.0749	0.1767	0.2387	0.3243
re1-wc			0.3373	0.0530	0.0623	0.1873	0.4143
relathe			0.8732	0.1268	0.8844	0.7495	0.4127
rice			0.9808	0.0192	0.9806	0.9611	0.1278
rnaseq			0.9750	0.0100	0.9790	0.9669	0.0495
rocket			0.5922	0.4078	0.5466	0.0797	0.9054
RT_IOT2022			0.7849	0.0358	0.1420	0.2788	0.2155
satimage			0.5956	0.1348	0.6075	0.5096	0.4216
satimageF			0.4059	0.5941	0.6189	0.0982	0.3297
satimageT			0.9005	0.0995	0.6156	0.0723	0.3655
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5294	0.4706	0.5587	0.0588	0.7405
sclerosis			0.8889	0.1111	0.9000	0.7805	0.3522
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.7565	0.2435	0.7563	0.4921	0.6878
seeds			0.7143	0.1905	0.7256	0.5714	0.2818
segment			0.5584	0.1262	0.5704	0.4886	0.3297
segmentation			0.7376	0.2624	0.6993	0.3630	0.7191
segmentO			0.9048	0.0952	0.7938	0.5797	0.5386
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9120	0.0881	0.7299	0.4528	0.5993
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-4-gram			0.8632	0.1368	0.5313	0.0179	0.4988
sensorless			0.5453	0.0827	0.6444	0.4999	0.2989
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
shoppers			0.8694	0.1306	0.6957	0.2897	0.4757
shuttle			0.8071	0.0551	0.1993	0.1521	0.1221
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.8865	0.1135	0.8180	0.5705	0.2905
skin10%			0.9481	0.0519	0.9193	0.8287	0.2114
smarket			0.8560	0.1440	0.8560	0.7116	0.5451
smart-farming			0.3400	0.3300	0.3372	0.1129	0.7121
smk_can_187			0.5789	0.4211	0.5778	0.1556	0.9466
soil_pollution			0.2133	0.3147	0.1978	0.0122	0.7869
solar-flare			0.6115	0.1295	0.4619	0.4900	0.2662
sonar			0.5500	0.4500	0.6393	0.1000	0.5239
soybean			0.8529	0.0155	0.8400	0.8381	0.0831
spam-detection			0.5065	0.4935	0.5887	0.0854	0.4042
spambase			0.8826	0.1174	0.8764	0.7512	0.4786
spect			0.7407	0.2593	0.4255	-0.0678	0.7802
spectf			0.7429	0.2571	0.6587	0.3077	0.7974
splice-EI			0.3785	0.6215	0.5973	0.0846	0.5237
splice-IE			0.7823	0.2177	0.6385	0.1729	0.5936
sport-articles			0.7800	0.2200	0.7583	0.5118	0.7066
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.4000	0.5833	0.1667	0.9308
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.6455	0.2363	0.6215	0.4352	0.5646
steel-b			0.8000	0.2000	0.6444	0.2584	0.7224
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7231	0.2769	0.7436	0.4124	0.6028
steel-o			0.7282	0.2718	0.6942	0.3870	0.8023
steel-p			0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9282	0.0718	0.7865	0.5717	0.5544
stock			0.8125	0.1875	0.4483	-0.0136	0.5076
stockb			0.8811	0.0793	0.8806	0.8216	0.2473
streaming			0.8160	0.1840	0.8166	0.6311	0.6294
stress			0.8254	0.0698	0.8574	0.7824	0.0958
student-lifestyle			0.5650	0.1740	0.2482	0.2509	0.3592
student-depression			0.8179	0.1821	0.8110	0.6209	0.6323
student-habits			0.4100	0.2360	0.1890	0.0611	0.4646
student-weekend			0.3846	0.2462	0.1124	0.0038	0.3630
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.5385	0.3077	0.5324	0.2778	0.5791
susy1%			0.7948	0.2052	0.7941	0.5815	0.6553
swarm_aligned			0.8751	0.1249	0.8619	0.7201	0.5299
swarm_flocking			0.7244	0.2756	0.7287	0.4488	0.7647
swarm_grouped			0.7231	0.2769	0.7332	0.4492	0.7420
tae			0.4000	0.4000	0.4101	0.1000	0.7275
telco-churn			0.8210	0.1790	0.7532	0.4422	0.5223
texture			0.7109	0.0526	0.7665	0.6814	0.2273
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7539	0.2461	0.5794	0.0791	0.6437
tis10%			0.7388	0.2612	0.5275	0.0290	0.7275
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.1000	0.4800	0.6364	0.0881
tox_171			0.6471	0.1765	0.6193	0.5143	0.2076
toxicity			0.4706	0.5294	0.3200	-0.3077	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity-13f			0.5882	0.4118	0.3704	-0.1121	0.8833
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.4390	0.1247	0.2085	0.2377	0.3303
trec12-wc			0.3226	0.1694	0.1250	0.0700	0.3588
trec21-wc			0.6061	0.1576	0.1538	-0.0566	0.3740
trec23-wc			0.4286	0.1905	0.2488	0.1818	0.3751
trec31-wc			0.4731	0.1756	0.2246	0.2205	0.4680
trec41-wc			0.5682	0.0864	0.3451	0.4506	0.3645
trec45-wc			0.2754	0.1449	0.2058	0.1142	0.5160
tuandromd			0.8274	0.1726	0.7491	0.4955	0.6913
turkish			0.3250	0.3375	0.2302	0.1000	0.5530
tvnews			0.8278	0.1722	0.8117	0.6060	0.5661
tvnews1%			0.8077	0.1923	0.7891	0.5626	0.6196
tvnews10%			0.7363	0.2637	0.7083	0.3613	0.6679
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.6119	0.0862	0.6461	0.5530	0.2733
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.6786	0.1607	0.6245	0.5560	0.3575
vehicleVAN			0.9643	0.0357	0.9523	0.9000	0.1262
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.8605	0.1395	0.8604	0.7208	0.5361
vowel			0.3333	0.1212	0.3992	0.2667	0.3383
vowelZ			0.5455	0.4545	0.4660	-0.0377	0.4843
vrnormat310k-hg16-17			0.8722	0.1278	0.5398	0.0758	0.7222
warpar10p			0.6923	0.0615	0.6240	0.6510	0.1018
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
water_pollution			0.2500	0.3750	0.2506	-0.0009	0.8677
waveform			0.5980	0.2680	0.6189	0.3935	0.4462
weather-related			0.9577	0.0077	0.9557	0.9520	0.0501
web-phishing			0.6296	0.2469	0.5115	0.3733	0.6634
Weekly			0.8148	0.1852	0.8163	0.6154	0.5782
white-clover			0.6667	0.3333	0.6250	0.2500	0.8750
wifi-loc			0.5700	0.2150	0.6423	0.4267	0.3335
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.5294	0.3137	0.7163	0.3790	0.2856
winequality-red			0.5535	0.1488	0.2833	0.2497	0.3344
winequality-white			0.5092	0.1636	0.2507	0.2025	0.4370
winnipeg			0.8900	0.0314	0.6386	0.8614	0.1807
winnipeg10%			0.8107	0.0541	0.5913	0.7629	0.2070
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.4375	0.0750	0.4005	0.3975	0.1535
yeast			0.2703	0.1622	0.1984	0.1424	0.5036
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.7247	0.0551	0.7382	0.6875	0.2596

Table 44: Detailed results for ELM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1301	0.0828	0.0917	0.0403	0.5530
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9268	0.0732	0.8330	0.6449	0.3911
adult		0.8454	0.1546	0.7698	0.5275	0.6154
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.8190	0.1810	0.6106	0.1677	0.6725
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7222	0.2778	0.4194	-0.1613	0.7929
AID1284red		0.7500	0.2500	0.4286	-0.1408	0.8101
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9983	0.0017	0.4996	-0.0003	0.1379
AID373red		0.9980	0.0020	0.4995	-0.0010	0.5055
AID439Morered		0.5714	0.4286	0.3636	-0.2353	0.7045
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9950	0.0050	0.4987	-0.0024	0.5429
AID604		0.9956	0.0044	0.4989	-0.0014	0.4719
AID604AID644_AllRed		0.9980	0.0020	0.4995	-0.0010	0.5055
AID644Morered		0.6500	0.3500	0.6428	0.2708	0.8198
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9985	0.0015	0.4996	-0.0007	0.4457
AID687red		0.9961	0.0039	0.4990	-0.0014	0.5024
AID688red		0.9882	0.0118	0.5343	0.0542	0.5259
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9982	0.0018	0.4995	-0.0009	0.5226
AID746red		0.9923	0.0077	0.4981	-0.0026	0.5039
aids		0.8404	0.1596	0.7651	0.5101	0.6023
air_pollution		0.4067	0.1695	0.1699	0.0120	0.3869
air-booking		0.8460	0.1540	0.5760	0.0821	0.5904
airline		0.8947	0.1053	0.8927	0.7845	0.4441
alcohol		0.7429	0.1029	0.2565	0.3192	0.2222
all-aml		0.8333	0.1667	0.8537	0.6667	0.4644
alzheimers		0.8140	0.1860	0.7926	0.5830	0.6522
anneal		0.9438	0.0225	0.9392	0.8861	0.1916
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9652	0.0174	0.7168	0.9333	0.0917
anuran-genus		0.9555	0.0111	0.8485	0.9257	0.1184
anuran-species		0.9681	0.0064	0.9266	0.9554	0.0573
anxiety		0.1333	0.1926	0.1255	0.0239	0.7843
apple-quality		0.8650	0.1350	0.8653	0.7300	0.5226
aps-failure		0.9824	0.0176	0.7492	0.4984	0.5312
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.6021	0.2000	0.9053
arrhythmia		0.6889	0.0479	0.2658	0.4569	0.2208
auction		0.8971	0.1029	0.7211	0.3859	0.5057
audiology		0.8182	0.0331	0.7405	0.7854	0.1014
audit-risk		0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent		0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult		0.8857	0.1143	0.8555	0.7110	0.5251
autism-child		0.7931	0.2069	0.7929	0.5857	0.6774
autos		0.7000	0.1000	0.6280	0.5918	0.2285
avila		0.6114	0.0648	0.4715	0.4455	0.3542
babies		0.4758	0.1498	0.1595	0.1783	0.4765
balance		0.9032	0.0645	0.6228	0.8178	0.1771
bank		0.9017	0.0983	0.6986	0.3513	0.5483
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8802	0.1198	0.8696	0.7285	0.4434
basehock		0.6131	0.3869	0.6151	0.2268	0.9072
bio		0.9938	0.0062	0.7887	0.4745	0.0688
bio10%		0.9945	0.0055	0.8173	0.5533	0.0235
biodeg		0.8762	0.1238	0.8682	0.7362	0.5083
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9981	0.0000	0.0892	0.1646	0.1101
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9369	0.0160	0.0325	-0.0133	0.6083
body-perf		0.6194	0.1903	0.6123	0.4925	0.4950
bookings		0.9027	0.0649	0.6184	0.7896	0.2964
brain-tumor		0.4950	0.5050	0.4950	-0.0100	1.0000
breast-cancer		0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.4545	0.5455	0.4500	-0.1000	1.0000
breast-tissue		0.6364	0.1212	0.5969	0.5600	0.1943
bridges		0.7000	0.0857	0.5429	0.5714	0.1855
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4360	0.3760	0.2808	-0.0774	0.5729
car		0.9080	0.0460	0.8210	0.8007	0.2480
car-insurance		0.8250	0.1750	0.7917	0.5818	0.6451
card		0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography		0.7793	0.0441	0.6803	0.7300	0.1769
cardiotocography-nsp		0.8920	0.0720	0.8075	0.6871	0.3031
cardiovascular		0.6957	0.3043	0.6957	0.3913	0.8263
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0098
cars		0.6750	0.2167	0.5226	0.4183	0.5820
cas_N6512_cdk_ECFP2		0.6344	0.3656	0.6316	0.2632	0.8973
cas_N6512_rdkit_ATOMPAIR		0.6446	0.3554	0.6403	0.2790	0.8847
cas_N6512_RDkit_AtomPair_FP		0.6871	0.3129	0.6837	0.3648	0.8340
cas_N6512_rdkit_AVALON		0.7035	0.2965	0.7014	0.4027	0.8177
cas_N6512_RDkit_Avalon_FP		0.6840	0.3160	0.6855	0.3691	0.8354
cas_N6512_rdkit_descriptors		0.6954	0.3046	0.6939	0.3877	0.8277
cas_N6512_rdkit_FEATMORGAN		0.6344	0.3656	0.6300	0.2589	0.8962
cas_N6512_RDkit_Featmorgan_FP		0.6426	0.3574	0.6388	0.2768	0.8882
cas_N6512_RDkit_FP		0.6626	0.3374	0.6597	0.3192	0.8674
cas_N6512_rdkit_LAYERED		0.7138	0.2862	0.7126	0.4251	0.8033
cas_N6512_RDkit_Layered_FP		0.6549	0.3451	0.6519	0.3036	0.8758

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7389	0.2611	0.7365	0.4694	0.7598
cas_N6512_RDkit_MACCS_FP		0.7469	0.2531	0.7455	0.4910	0.7559
cas_N6512_rdkit_MORGAN		0.6508	0.3492	0.6464	0.2905	0.8767
cas_N6512_RDkit_morgan_FP		0.5982	0.4018	0.5936	0.1866	0.9310
cas_N6512_rdkit_PATTERN		0.6862	0.3138	0.6843	0.3686	0.8395
cas_N6512_RDkit_pattern_FP		0.6871	0.3129	0.6876	0.3741	0.8342
cas_N6512_rdkit_RDKITFP		0.6559	0.3441	0.6543	0.3085	0.8741
cas_N6512_rdkit_TORSION		0.6554	0.3446	0.6515	0.3017	0.8737
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8478	0.1015	0.4167	0.1463	0.2928
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7306	0.2694	0.6960	0.3892	0.7966
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9669	0.0331	0.7595	0.4163	0.2252
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9357	0.0643	0.5952	0.0614	0.3474
census10%		0.9365	0.0635	0.5808	0.0944	0.4938
central-nervous-system		1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9535	0.0465	0.7433	0.3202	0.1295
cervical-H		0.9302	0.0698	0.7540	0.4669	0.5720
cervical-S		0.9302	0.0698	0.7711	0.5343	0.5353
children-anemia		0.6309	0.1846	0.4169	0.4216	0.3843
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8400	0.1600	0.7163	0.3838	0.5899
churn-bigml		0.8652	0.1348	0.6558	0.1810	0.4644
ci900367j_MACCS		0.6842	0.3158	0.6549	0.3066	0.8513
circles		0.9250	0.0015	0.9332	0.9242	0.0209
cirrhosis		0.7381	0.1746	0.5010	0.4526	0.3795
cjs		0.9893	0.0036	0.9878	0.9869	0.0192
ckd		0.9500	0.0500	0.9461	0.8864	0.1761
clave		0.7713	0.1144	0.5179	0.6235	0.2926
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.2500	0.5000	0.1667	-0.2558	0.7025
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5782	0.2812	0.5551	0.3302	0.6769
cnae-9		0.7500	0.0556	0.7551	0.7188	0.2543
codon_usage		0.7843	0.0392	0.5014	0.7331	0.2138
coil20		0.9583	0.0042	0.9604	0.9561	0.0269
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.2800	0.0960	0.2357	0.1946	0.3482
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2		0.5517	0.4483	0.4972	-0.0053	0.9756
colposcopies-3		0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.8621	0.1379	0.7242	0.4257	0.6185
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.7586	0.2414	0.6545	0.3072	0.7986
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5340	0.4621	0.5274	0.0320	0.7781
comedy_comparisons1%		0.4829	0.5171	0.4795	-0.0405	1.0000
comedy_comparisons10%		0.5161	0.4839	0.5078	0.0129	0.9357
connect-4		0.9821	0.0119	0.6102	0.3522	0.0357
cottonmeloidogyne		0.7548	0.2452	0.7552	0.5098	0.7407
coupon		0.6672	0.3328	0.6551	0.3051	0.8577
covid19		0.5403	0.1313	0.2170	0.1727	0.3427
covtype		0.6973	0.0865	0.4451	0.4990	0.3630
covtype10%		0.6919	0.0880	0.4129	0.4883	0.3590
covtypeCD		0.9483	0.0517	0.8837	0.7604	0.3358
covtypeT		0.9499	0.0501	0.7718	0.5088	0.4170
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9985	0.0015	0.7173	0.3432	0.2570
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8728	0.0424	0.6027	0.7182	0.1883
cryotherapy		1.0000	0.0000	1.0000	1.0000	0.0000
cultivars		0.4688	0.0266	0.3307	0.4538	0.0762
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1500	0.2833	0.1518	-0.0226	0.8886
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.7037	0.2963	0.6925	0.3802	0.8135
darwin		0.5000	0.5000	0.5000	0.0000	0.9808
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0964	0.1807	0.0965	-0.0042	0.9304
day1%		0.9538	0.0345	0.9694	0.9505	0.1656
dbworld		0.5714	0.4286	0.5833	0.1600	0.9174
default		0.8173	0.1827	0.6930	0.3352	0.6308
defect		0.8858	0.1142	0.7578	0.4299	0.3903
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8960	0.1040	0.6895	0.3299	0.5568
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		1.0000	0.0000	1.0000	1.0000	0.0000
desharnais		0.5000	0.3333	0.3901	0.2000	0.4638
dexter		0.4667	0.5333	0.4666	-0.0667	1.0000
df_final		0.3125	0.4583	0.2888	-0.0476	0.6601
DIA		0.7667	0.2333	0.6497	0.2821	0.7707
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k		0.9259	0.0741	0.6995	0.2428	0.3033
diabetes-risk		0.8690	0.1310	0.7827	0.5498	0.5643
diabetic		0.5402	0.3065	0.3308	0.0123	0.4106
diabetic1%		0.4608	0.3595	0.3752	-0.0435	0.6306
diabetic10%		0.5275	0.3150	0.3126	0.0110	0.5045
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9333	0.0333	0.9000	0.9067	0.0654
diamonds_all		0.5921	0.1631	0.4814	0.3909	0.4083
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.7059	0.2857	0.5283
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9130	0.0870	0.6946	0.1532	0.2040
dota2		0.5701	0.4299	0.5656	0.1286	0.9481
dota210%		0.5670	0.4330	0.5624	0.1227	0.9512
drebin		0.9188	0.0812	0.9129	0.8259	0.3894
dropout		0.7652	0.1565	0.6670	0.5946	0.4255

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.3351	0.1900	0.1251	-0.0127	0.5748
drug-02		0.5106	0.1398	0.1818	0.1280	0.6081
drug-03		0.6809	0.0912	0.1685	0.0666	0.3492
drug-04		0.5319	0.1337	0.1713	0.1143	0.4578
drug-05		0.7287	0.0775	0.1204	-0.0081	0.2227
drug-06		0.4202	0.1657	0.2555	0.2647	0.5539
drug-07		0.3936	0.1733	0.1229	-0.0035	0.4454
drug-08		0.5798	0.1201	0.2229	0.1982	0.4161
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5372	0.1322	0.1757	0.1410	0.5115
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.2125	0.2363	0.3436
drug-14		0.5957	0.1155	0.2696	0.2750	0.4272
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5691	0.1231	0.2301	0.2609	0.4414
drug-17		0.3511	0.1854	0.1499	0.1066	0.5849
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7606	0.0684	0.1238	0.0007	0.2412
drybean		0.9265	0.0210	0.9390	0.9111	0.1207
ecoli		0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3000	0.3500	0.2989	0.0663	0.8202
eeg		0.3841	0.0770	0.3388	0.3125	0.5704
eeg-eye		0.7029	0.2971	0.6975	0.3908	0.8115
eeg10%		0.3452	0.0819	0.3260	0.2683	0.5671
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5342	0.1863	0.4774	0.3945	0.4876
euthyroid		0.9209	0.0791	0.7260	0.3849	0.4451
exon.vs.intron-freq		0.9186	0.0814	0.9186	0.8369	0.3758
exon.vs.intron-freq10%		0.9147	0.0853	0.9146	0.8290	0.3887
fakenews		0.5225	0.4775	0.5225	0.0450	0.9866
farm-ads		0.6449	0.3551	0.6421	0.2835	0.8859
fbis-wc		0.4268	0.0674	0.2643	0.3218	0.4243
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8039	0.1961	0.8029	0.5978	0.6336
financial-risk		0.6745	0.1085	0.3790	0.4332	0.3027
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3500	0.1625	0.1784	0.1503	0.4035
fonts		0.2615	0.0097	0.0262	0.1884	0.3771
fonts10%		0.2645	0.0096	0.0218	0.1913	0.3652
forest		0.8846	0.0577	0.8658	0.8398	0.1322
gas		0.9569	0.0144	0.9532	0.9477	0.0879
gastrointestinal		0.5000	0.3333	0.4886	0.1950	0.6803
gender		0.5853	0.2765	0.3605	0.0942	0.5658
gene		0.7539	0.1640	0.7188	0.5933	0.4963
german		0.7800	0.2200	0.7494	0.4673	0.6470
gestures		0.5248	0.2376	0.5247	0.3667	0.6424
gina		0.8156	0.1844	0.8155	0.6309	0.6342
gisette		0.8071	0.1929	0.8072	0.6143	0.6506
glass		0.7619	0.0794	0.7125	0.6591	0.2085
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.6842	0.3158	0.6910	0.3736	0.8166
gli_85			0.6250	0.3750	0.7241	0.3333	0.5239
glioma			0.2000	0.4000	0.1667	-0.1765	0.3764
glioma-grade			0.9048	0.0952	0.9033	0.8057	0.4235
green			0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage			0.5333	0.2333	0.6301	0.3824	0.4265
gsalc			0.6667	0.1111	0.7500	0.6029	0.1734
haberman			0.7333	0.2667	0.6323	0.2593	0.8242
hapt			0.8582	0.0236	0.7135	0.8317	0.1364
har			0.6886	0.1246	0.6759	0.6035	0.4659
har70			0.8379	0.0463	0.4903	0.7542	0.1768
har701%			0.8345	0.0473	0.4869	0.7466	0.1735
har7010%			0.8383	0.0462	0.4903	0.7533	0.1728
harth			0.8029	0.0328	0.3995	0.7268	0.1877
harth1%			0.8106	0.0316	0.3935	0.7380	0.1814
harth10%			0.8055	0.0324	0.3908	0.7302	0.1799
hayes-roth			0.5000	0.3333	0.5721	0.1950	0.5024
hcc-survival			0.5882	0.4118	0.5662	0.1314	0.9439
health-activity			0.7700	0.1150	0.2175	0.0000	0.1937
heart			0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack			0.8710	0.1290	0.8745	0.7427	0.4884
heart-c			0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure			0.8820	0.1180	0.8620	0.7237	0.5125
heart-quantum			0.9200	0.0800	0.9167	0.8333	0.3797
hepatitis			0.8667	0.1333	0.8544	0.6667	0.5000
hepmass			0.8305	0.1695	0.8305	0.6609	0.6036
hepmass1%			0.8260	0.1740	0.8261	0.6519	0.6119
hepmass10%			0.8229	0.1771	0.8230	0.6458	0.6190
hERG-121inputs			1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.9231	0.0769	0.8898	0.7547	0.2092
higgs			0.6332	0.3668	0.6299	0.2571	0.8935
higgs0.1%			0.6336	0.3664	0.6306	0.2600	0.8961
higgs1%			0.6254	0.3746	0.6217	0.2400	0.8998
higgs10%			0.6299	0.3701	0.6268	0.2506	0.8960
higher			0.2857	0.1786	0.1515	0.1358	0.3428
hinselmann			0.8000	0.2000	0.6875	0.3750	0.7500
hitters			0.7188	0.2812	0.7249	0.4419	0.7732
hiv1-proteasa			0.8718	0.1282	0.7390	0.3809	0.4160
hiva			0.9645	0.0355	0.4910	0.0000	0.1045
horse			0.6389	0.2407	0.5977	0.3641	0.5342
hotel-reservartions			0.8173	0.1827	0.7870	0.5711	0.6521
hr			0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor			0.7685	0.1543	0.7729	0.6534	0.4482
ht-sensor10%			0.7322	0.1785	0.7364	0.5987	0.4868
htru2			0.9782	0.0218	0.9315	0.8586	0.1794
hypothyroid			0.9257	0.0371	0.4141	0.3029	0.0849
hypothyroidT			0.9416	0.0584	0.7571	0.3700	0.1541
ilpd			0.6610	0.3390	0.5217	0.0391	0.9015
immuno-therapy			0.7778	0.2222	0.6786	0.3571	0.7720
instagram			0.9473	0.0263	0.9486	0.9298	0.0995
ionosphere			0.8000	0.2000	0.7561	0.4708	0.5962
iris			0.9333	0.0444	0.9333	0.8993	0.1057
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.7997	0.0154	0.8044	0.7917	0.1671

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8118	0.1882	0.6168	0.1601	0.6357
jvowels		0.9398	0.0134	0.9368	0.9317	0.0929
kc1		0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.5385	0.1846	0.1647	0.1522	0.4074
kc1-class-level-top5percentDF		0.8000	0.2000	0.4444	-0.0976	0.5661
kc2		0.7500	0.2500	0.5552	0.1011	0.8298
kdc-4007		0.7028	0.0637	0.6439	0.6310	0.3352
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9948	0.0004	0.3129	0.9911	0.0248
kddcup991%		1.0000	0.0002	0.4661	0.9982	0.0096
kddcup9910%		0.9888	0.0010	0.4094	0.9810	0.0246
kepler		0.8420	0.1053	0.7924	0.7395	0.2769
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9750	0.0250	0.9743	0.9474	0.1598
krkopt		0.4043	0.0662	0.2726	0.3256	0.4720
krvskp		0.9467	0.0533	0.9466	0.8931	0.2786
la1s-wc		0.3238	0.2254	0.2942	0.0978	0.6449
la2s-wc		0.3940	0.2020	0.2998	0.1889	0.6160
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7353	0.0230	0.7309	0.7223	0.0681
led24		0.5500	0.0900	0.5455	0.5000	0.2152
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7375	0.0202	0.7439	0.7269	0.2447
leukemia		0.7143	0.1905	0.7490	0.5625	0.3209
leukemia2		0.2857	0.7143	0.2222	-0.2963	0.9844
libra		0.9167	0.0111	0.9275	0.9105	0.0356
linkage		0.9998	0.0002	0.9878	0.9754	0.0306
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9999	0.0001	0.9916	0.9832	0.0376
liver		0.7941	0.2059	0.7856	0.5609	0.6703
loan		0.9274	0.0726	0.9223	0.8433	0.3409
localization		0.4440	0.1011	0.2112	0.2311	0.4163
localization10%		0.4430	0.1013	0.1614	0.2331	0.4361
lrs		0.8868	0.0226	0.4590	0.8424	0.0545
lung		0.8571	0.0571	0.6795	0.7123	0.2147
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		0.7500	0.1000	0.6071	0.5868	0.3912
lung-cancer-harvard2		0.8333	0.1667	0.7396	0.4706	0.6839
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.6667	0.0741	0.2917	0.5500	0.0972
machine-failure		0.9043	0.0957	0.9011	0.8021	0.4231
madelon		0.5692	0.4308	0.5698	0.1385	0.9504
magic04		0.8553	0.1447	0.8382	0.6682	0.5327
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8347	0.6671	0.5906
marketing		0.8929	0.1071	0.7531	0.4666	0.5083
maternal		0.6436	0.2376	0.6483	0.4501	0.5235
math		0.7000	0.1500	0.6808	0.5411	0.3757
mba		0.8387	0.1075	0.3922	0.0649	0.2742
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2438
mental-health		0.2100	0.3160	0.2091	0.0123	0.8627

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.7217	0.2783	0.7157	0.4312	0.7953
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.7778	0.1111	0.7762	0.6870	0.2247
meter-D			0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac			0.9650	0.0070	0.9659	0.9611	0.0434
mfeat-fou			0.7350	0.0530	0.7324	0.7056	0.2547
mfeat-kar			0.8900	0.0220	0.8908	0.8778	0.1276
mfeat-mor			0.7250	0.0550	0.7311	0.6944	0.1898
mfeat-pix			0.9350	0.0130	0.9369	0.9278	0.0744
mfeat-zer			0.8000	0.0400	0.7972	0.7778	0.1379
mice-prot			0.9907	0.0023	0.9916	0.9894	0.0113
milk			0.9434	0.0377	0.9337	0.9131	0.1271
mines			0.5000	0.2000	0.4223	0.3731	0.3701
mobile			0.6014	0.0142	0.6238	0.5941	0.1695
monks-1			0.8182	0.1818	0.8253	0.6348	0.5722
monks-2			0.7213	0.2787	0.6721	0.3297	0.7953
monks-3			0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.9988	0.0012	0.9988	0.9975	0.0123
music			0.4794	0.0946	0.4736	0.3646	0.5187
musk			0.9182	0.0818	0.8312	0.6005	0.2048
MUT_ci300400a_cdk_ECFP2			0.6427	0.3573	0.6224	0.2385	0.8855
MUT_ci300400a_cdk_ECFP4			0.6731	0.3269	0.6572	0.3108	0.8562
MUT_ci300400a_cdk_ECFP6			0.6311	0.3689	0.6101	0.2146	0.8983
MUT_ci300400a_cdk_ESTATE			0.7134	0.2866	0.7016	0.4012	0.8070
MUT_ci300400a_cdk_EXTENDED			0.7170	0.2830	0.7048	0.4065	0.8000
MUT_ci300400a_cdk_FCFP2			0.6659	0.3341	0.6475	0.2873	0.8575
MUT_ci300400a_cdk_FCFP4			0.6811	0.3189	0.6643	0.3203	0.8378
MUT_ci300400a_cdk_FCFP6			0.6403	0.3597	0.6217	0.2399	0.8925
MUT_ci300400a_cdk_MACCS			0.7158	0.2842	0.7032	0.4027	0.8005
MUT_ci300400a_cdk_PUBCHEM			0.7269	0.2731	0.7146	0.4237	0.7811
MUT_ci300400a_cdk_STANDARD			0.6958	0.3042	0.6819	0.3606	0.8286
MUT_ci300400a_rdkit_descriptors			0.7506	0.2494	0.7432	0.4856	0.7526
myocardial			0.8647	0.0338	0.2522	0.2947	0.1861
naticusdroid			0.9362	0.0638	0.9363	0.8725	0.3152
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.6667	0.0741	0.3810	0.6000	0.0881
ncRNA			0.8806	0.0126	0.3143	0.6435	0.2574
ncRNA1%			0.8758	0.0131	0.2507	0.6193	0.2536
ncRNA10%			0.8807	0.0126	0.2951	0.6438	0.2367
neo			0.9076	0.0924	0.6470	0.1723	0.4347
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.1303	0.0395	0.0811	0.0805	0.5596
newspop			0.6400	0.3600	0.6371	0.2735	0.8906
NHANES_age_prediction			0.9692	0.0308	0.9408	0.8804	0.2295
nomao			0.9292	0.0708	0.9131	0.8261	0.3797
NPHA-doctor-visits			0.4167	0.3889	0.2805	-0.0815	0.6762
nursery			0.9090	0.0364	0.5523	0.8651	0.1149
obesity			0.7346	0.0758	0.7293	0.6903	0.2962
obs			0.8889	0.0556	0.9063	0.8334	0.1705
occupancy			0.9883	0.0117	0.9840	0.9677	0.1315
Occupancy_Estimation			0.9901	0.0049	0.9685	0.9700	0.0446
oh0-wc			0.3762	0.1248	0.2661	0.2725	0.5462
oh10-wc			0.3429	0.1314	0.2974	0.2413	0.5653
oh15-wc			0.3261	0.1348	0.2921	0.2145	0.5544
oh5-wc			0.2637	0.1473	0.2332	0.1593	0.6580

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.2124	0.1575	0.1950	0.1052	0.7626
olive		0.9298	0.0156	0.9215	0.9118	0.0396
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9104	0.0896	0.4765	-0.0019	0.2753
opnat310k-hg16-17		0.9089	0.0911	0.4761	-0.0002	0.2197
optdigits		0.9164	0.0167	0.9186	0.9070	0.1069
optdigitsZ		0.9929	0.0071	0.9778	0.9553	0.0921
orl		0.9250	0.0037	0.9059	0.9231	0.0126
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7732	0.2268	0.7396	0.4755	0.7312
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8591	0.7149	0.5330
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9726	0.0110	0.7087	0.8337	0.0904
parkinson		0.9667	0.0333	0.9655	0.9310	0.2012
parkinsons		0.7441	0.2559	0.7341	0.4668	0.7637
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.8897	0.1103	0.8605	0.7196	0.4969
particle10%		0.8838	0.1162	0.8520	0.7012	0.5051
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.5155	0.4845	0.4834	-0.0323	0.9944
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8158	0.1842	0.7328	0.4510	0.6737
pediatric-leukemia		0.5294	0.1345	0.3886	0.4119	0.3707
pendigits		0.9682	0.0064	0.9683	0.9646	0.0499
period		0.5556	0.4444	0.5791	0.1429	0.8628
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.7930	0.2070	0.7749	0.5456	0.6816
personalities		0.8072	0.0241	0.8079	0.7943	0.2644
pet-adoption		0.9000	0.1000	0.8856	0.7703	0.4486
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL		0.9454	0.0546	0.9444	0.8887	0.2881
PhiUSIIL10%		0.9606	0.0394	0.9597	0.9193	0.2236
phone-acc		0.5562	0.1268	0.5282	0.4806	0.4138
phone-acc0.1%		0.5199	0.1372	0.4765	0.4379	0.4652
phone-acc1%		0.5470	0.1294	0.5074	0.4690	0.4266
phone-acc10%		0.5467	0.1295	0.5150	0.4691	0.4337
phone-gyr		0.4848	0.1472	0.4731	0.3977	0.4782
phone-gyr0.1%		0.4867	0.1467	0.4730	0.4002	0.4796
phone-gyr1%		0.5057	0.1412	0.4928	0.4217	0.4580
phone-gyr10%		0.4885	0.1461	0.4825	0.4024	0.4639
phoneme		0.8296	0.1704	0.7878	0.5755	0.6525
phy		0.6946	0.3054	0.6946	0.3891	0.8278
pima		0.7105	0.2895	0.6923	0.3323	0.7052
pirvision		0.9745	0.0170	0.9467	0.9161	0.0898
placement		0.7960	0.2040	0.7895	0.5785	0.6765
plant-growth		0.6842	0.3158	0.6841	0.3596	0.8222
plrx		0.6111	0.3889	0.3793	-0.1887	0.9536
poker		0.5072	0.0986	0.1011	0.0417	0.2610
poker1%		0.5122	0.0976	0.1036	0.0645	0.2711
poker10%		0.5047	0.0991	0.1012	0.0435	0.2688
polish-1st		0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd		0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd		0.9486	0.0514	0.4868	-0.0071	0.4090

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9289	0.0711	0.5853	0.0730	0.4239
polya			0.7481	0.2519	0.7164	0.4270	0.7634
popularity			0.6492	0.2339	0.3949	0.1525	0.4642
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8169	0.0732	0.8163	0.7711	0.2803
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6030	0.2059	0.9259
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.4242	0.0523	0.2070	0.3596	0.2276
processed			0.9137	0.0863	0.9015	0.8029	0.4212
profb			0.7612	0.2388	0.7185	0.4322	0.7544
promoters			0.7000	0.3000	0.6784	0.3478	0.8165
prostate			0.6429	0.3571	0.6443	0.2857	0.8758
prostate_GE			0.7273	0.2727	0.7333	0.4590	0.7617
puc-rio			0.9100	0.0360	0.8733	0.8781	0.1533
puc-rio10%			0.9113	0.0355	0.8690	0.8800	0.1522
pufs-128			0.5011	0.4989	0.5011	0.0021	0.9994
pufs-1281%			0.5060	0.4940	0.5060	0.0120	0.9965
pufs-12810%			0.5028	0.4972	0.5028	0.0056	0.9984
pufs-64			0.5021	0.4979	0.5020	0.0041	0.9984
pufs-641%			0.5042	0.4958	0.5042	0.0083	0.9976
pufs-6410%			0.4975	0.5025	0.4975	-0.0049	1.0000
pulsar			0.9816	0.0184	0.9433	0.8840	0.1636
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv1			0.2426	0.0431	0.0177	-0.0103	0.2828
rcv11%			0.2833	0.0270	0.0430	0.1364	0.4424
rcv110%			0.2735	0.0274	0.0387	0.0954	0.4138
re0-wc			0.5133	0.0749	0.1951	0.2789	0.3643
re1-wc			0.3373	0.0530	0.1087	0.1994	0.4440
rejafada			0.9598	0.0402	0.4897	-0.0089	0.4791
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.4783	0.0161	0.0186	0.1472	0.3099
rice			0.9874	0.0126	0.9872	0.9744	0.0893
rnaseq			0.9875	0.0050	0.9867	0.9835	0.0202
rocket			0.6430	0.3570	0.6220	0.2415	0.8927
RT_IOT2022			0.9769	0.0038	0.8447	0.9419	0.0245
satimage			0.8631	0.0456	0.8443	0.8300	0.1941
satimageF			0.9907	0.0093	0.9757	0.9513	0.1170
satimageT			0.9331	0.0669	0.7869	0.4985	0.2880
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.7961	0.2039	0.7931	0.5860	0.6736
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9307	0.0198	0.9387	0.9190	0.0782
segmentation			0.8317	0.1683	0.8132	0.6238	0.6116
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9380	0.0620	0.6847	0.1046	0.1594
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.5832	0.0279	0.3779
sens-2-gram			0.8605	0.1395	0.4625	-0.0151	0.5048
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-5-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram			0.8632	0.1368	0.5313	0.0179	0.4988

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-8-gram			0.8474	0.1526	0.4587	-0.0377	0.6657
sens-9-gram			0.8737	0.1263	0.6404	0.0934	0.3668
sensorless			0.5764	0.0770	0.5923	0.5341	0.3347
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8808	0.1192	0.7305	0.3780	0.4528
shuttle			0.9943	0.0016	0.6222	0.9839	0.1124
sick			0.9363	0.0637	0.6542	0.2276	0.4686
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9938	0.0062	0.9908	0.9815	0.0892
skin10%			0.9918	0.0082	0.9879	0.9756	0.1098
smarket			0.8880	0.1120	0.8908	0.7752	0.4315
smart-farming			0.2400	0.3800	0.2376	-0.0128	0.8393
smk_can_187			0.6316	0.3684	0.6333	0.2652	0.8937
smoking			0.7524	0.2476	0.7417	0.4810	0.7505
soil_pollution			0.1500	0.3400	0.1516	-0.0642	0.8988
solar-flare			0.7626	0.0791	0.6933	0.6947	0.1768
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9555	0.0445	0.8584	0.7133	0.4056
spambase			0.9022	0.0978	0.8975	0.7913	0.4053
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.8571	0.1429	0.8309	0.6602	0.5894
spectrometer			0.3077	0.0513	0.2075	0.2615	0.2303
splice-EI			0.8170	0.1830	0.7431	0.4807	0.6865
splice-IE			0.8044	0.1956	0.6911	0.3439	0.6694
sport-articles			0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			0.9462	0.0538	0.9410	0.8818	0.2868
steel_industry			0.7917	0.1389	0.7466	0.6624	0.4069
steel-b			0.8462	0.1538	0.7530	0.5010	0.6527
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.7949	0.2051	0.7681	0.5324	0.6875
steel-p			0.9333	0.0667	0.7287	0.4051	0.4581
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9795	0.0205	0.9450	0.8886	0.3044
stellar			0.8725	0.0850	0.8574	0.7644	0.2948
stock			0.8611	0.1389	0.7347	0.4479	0.6116
stockb			0.9912	0.0059	0.9912	0.9868	0.0319
streaming			0.8580	0.1420	0.8562	0.7113	0.5392
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6100	0.1560	0.3448	0.3580	0.4342
student-depression			0.7975	0.2025	0.7896	0.5779	0.6722
student-habits			0.4200	0.2320	0.2375	0.1001	0.5695
student-weekend			0.3692	0.2523	0.2334	0.1305	0.7185
student-workday			0.7031	0.1187	0.2381	0.1936	0.3969
studentap			0.6154	0.2564	0.6426	0.3868	0.5042
susy			0.7857	0.2143	0.7845	0.5634	0.6760
susy1%			0.7916	0.2084	0.7900	0.5762	0.6699
susy10%			0.7873	0.2127	0.7857	0.5674	0.6775
swarm_aligned			0.9750	0.0250	0.9716	0.9426	0.1861
swarm_flocking			0.9301	0.0699	0.9305	0.8601	0.3326
swarm_grouped			0.9600	0.0400	0.9574	0.9147	0.2347
tae			0.3333	0.4444	0.3569	0.0000	0.7302
telco-churn			0.8793	0.1207	0.8381	0.6660	0.4944
texture			0.9891	0.0020	0.9895	0.9880	0.0156

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.9804	0.0196	0.9798	0.9596	0.1335
thoracic			0.7234	0.2766	0.4198	-0.1594	0.8201
thrombin			0.9529	0.0471	0.5852	0.1594	0.5332
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7861	0.2139	0.6855	0.3596	0.7443
tis10%			0.7313	0.2687	0.5750	0.1352	0.8303
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.5294	0.2353	0.4735	0.3704	0.4136
toxicity			0.5294	0.4706	0.5218	0.0423	0.9411
toxicity-13f			0.6471	0.3529	0.5858	0.1639	0.8952
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7600	0.2400	0.6213	0.2241	0.7880
trec11-wc			0.3902	0.1355	0.4443	0.2316	0.5085
trec12-wc			0.4194	0.1452	0.4391	0.2955	0.4268
trec21-wc			0.6364	0.1212	0.2181	0.2143	0.4372
trec23-wc			0.4286	0.1905	0.3276	0.2270	0.5214
trec31-wc			0.4194	0.1659	0.3064	0.1876	0.5132
trec41-wc			0.4318	0.1136	0.2331	0.2812	0.5133
trec45-wc			0.2609	0.1478	0.1488	0.1140	0.5900
tuandromd			0.9552	0.0448	0.9294	0.8584	0.3016
turkish			0.7000	0.1500	0.6948	0.6000	0.3075
tvnews			0.8324	0.1676	0.8159	0.6277	0.6011
tvnews1%			0.8846	0.1154	0.8750	0.7446	0.4558
tvnews10%			0.8365	0.1635	0.8220	0.6429	0.6022
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9646	0.0354	0.6787	0.0690	0.1045
urban			0.7761	0.0498	0.7922	0.7367	0.1619
urinalysis			0.9371	0.0629	0.5952	0.1561	0.5820
url-rep1%			0.6694	0.3306	0.6310	0.0197	0.4637
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7738	0.1131	0.7357	0.6947	0.2074
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9070	0.0930	0.9069	0.8139	0.4119
vowel			0.6162	0.0698	0.6124	0.5778	0.2067
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.5869	0.0102	0.2540
wap-wc			0.3205	0.0679	0.1639	0.2077	0.5280
warpar10p			0.7692	0.0462	0.8153	0.7451	0.0569
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.6616	0.0967	0.6489	0.6030	0.3954
watch-acc1%			0.6685	0.0947	0.6541	0.6112	0.3788
watch-acc10%			0.6714	0.0939	0.6593	0.6145	0.3745
watch-gyr			0.5498	0.1286	0.5340	0.4730	0.4754
watch-gyr1%			0.5480	0.1291	0.5334	0.4710	0.4815
watch-gyr10%			0.5426	0.1307	0.5281	0.4646	0.4820
water_pollution			0.2100	0.3950	0.2110	-0.0536	0.8904
waveform			0.8060	0.1293	0.8065	0.7091	0.4194
weather-related			0.9500	0.0091	0.9537	0.9433	0.0659
web-phishing			0.8370	0.1086	0.6711	0.7031	0.3987
Weekly			0.9537	0.0463	0.9536	0.9057	0.2310
weight-lift			0.5735	0.1706	0.5544	0.4555	0.5865
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9752	0.0248	0.8553	0.7016	0.3370
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6101	0.1300	0.2769	0.3568	0.3852
winequality-white			0.5440	0.1303	0.2672	0.2787	0.4510
winnipeg			0.9656	0.0098	0.9489	0.9564	0.0683
winnipeg10%			0.9681	0.0091	0.9491	0.9596	0.0583
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.5625	0.0583	0.5320	0.5333	0.1196
yeast			0.5405	0.0919	0.3352	0.4075	0.3920
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.8871	0.0226	0.8789	0.8733	0.1629

Table 45: Detailed results for ELM(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1301	0.0828	0.0932	0.0390	0.5878
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
ads		0.8963	0.1037	0.7479	0.4370	0.4636
adult		0.8430	0.1570	0.7661	0.5206	0.6232
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8000	0.2000	0.5539	0.0801	0.7395
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.7778	0.2222	0.4375	-0.1163	0.8180
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red		0.5714	0.4286	0.6818	0.2222	0.4422
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.6098	0.2105	0.8520
AID644red		0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.5303	0.0526	0.7987
AID721red		0.2222	0.7778	0.1818	-0.4651	0.7939
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8357	0.1643	0.7598	0.5066	0.6328
air_pollution		0.4033	0.1705	0.1371	0.0047	0.4109
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8753	0.1247	0.8727	0.7449	0.4991
alcohol		0.7429	0.1029	0.2571	0.3742	0.2793
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.8140	0.1860	0.7926	0.5830	0.6522
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9541	0.0229	0.7085	0.9119	0.1227
anuran-genus		0.9471	0.0132	0.7523	0.9115	0.1174
anuran-species		0.9528	0.0094	0.8317	0.9337	0.0712
anxiety		0.0917	0.2019	0.1006	-0.0215	0.8351
apple-quality		0.8000	0.2000	0.8005	0.6000	0.6609
aps-failure		0.9872	0.0128	0.7799	0.5021	0.2614
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.5500	0.4500	0.5410	0.0816	0.9582
arrhythmia		0.6667	0.0667	0.3315	0.4042	0.2614
auction		0.9167	0.0833	0.7857	0.5029	0.3364
audiology		0.7273	0.0496	0.6255	0.6658	0.1385
audit-risk		0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent		0.6364	0.3636	0.6071	0.2143	0.9011
autism-adult		0.8857	0.1143	0.8610	0.7203	0.5268
autism-child		0.7586	0.2414	0.7595	0.5178	0.7328
autos		0.8000	0.0800	0.7609	0.7297	0.1390
avila		0.5922	0.0680	0.5493	0.4064	0.3354
babies		0.4516	0.1567	0.1527	0.1486	0.5283
balance		0.8548	0.0968	0.5892	0.7270	0.2658
bank		0.9031	0.0969	0.7112	0.3926	0.5695
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9606	0.9180	0.2092
barleyblumeria		0.8986	0.1014	0.8903	0.7710	0.3839
basehock		0.6583	0.3417	0.6583	0.3166	0.8711
bio		0.9949	0.0051	0.8301	0.5967	0.0624
bio10%		0.9945	0.0055	0.8167	0.5975	0.2371
biodeg		0.8762	0.1238	0.8695	0.7388	0.5111
biomed		0.7619	0.2381	0.7419	0.4560	0.6789
bitcoin		0.9858	0.0013	0.0451	-0.0000	0.0145
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5500	0.2250	0.5335	0.4000	0.4992
bookings		0.9516	0.0323	0.6348	0.8971	0.1323
brain-tumor		0.4965	0.5035	0.4965	-0.0071	1.0000
breast-cancer		0.6429	0.3571	0.5625	0.1250	0.8994
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue		0.4545	0.1818	0.3881	0.3333	0.2494
bridges		0.3000	0.2333	0.1710	0.1026	0.3310
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.3750	0.6250	0.2727	-0.4286	1.0000
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4740	0.3507	0.3119	-0.0056	0.5529
car		0.8851	0.0575	0.6495	0.7377	0.2811
car-insurance		0.8280	0.1720	0.7980	0.5958	0.6428
card		0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography		0.7559	0.0488	0.6723	0.7015	0.2034
cardiotocography-nsp		0.8920	0.0720	0.8087	0.6667	0.2643
cardiovascular		0.7192	0.2808	0.7199	0.4383	0.7917
cargo2k		0.9873	0.0085	0.9875	0.9810	0.0420
cars		0.6750	0.2167	0.5932	0.4304	0.6228
cas_N6512_cdk_ECFP2		0.6237	0.3763	0.6187	0.2358	0.9061
cas_N6512_rdkit_ATOMPAIR		0.6446	0.3554	0.6407	0.2804	0.8859
cas_N6512_RDkit_AtomPair_FP		0.6380	0.3620	0.6344	0.2683	0.8934
cas_N6512_rdkit_AVALON		0.7112	0.2888	0.7087	0.4172	0.8073
cas_N6512_RDkit_Avalon_FP		0.6886	0.3114	0.6861	0.3720	0.8366
cas_N6512_rdkit_descriptors		0.7246	0.2754	0.7244	0.4482	0.7864
cas_N6512_rdkit_FEATMORGAN		0.6098	0.3902	0.6043	0.2068	0.9186
cas_N6512_RDkit_Featmorgan_FP		0.6641	0.3359	0.6601	0.3166	0.8596
cas_N6512_RDkit_FP		0.6641	0.3359	0.6601	0.3173	0.8608
cas_N6512_rdkit_LAYERED		0.6662	0.3338	0.6638	0.3275	0.8633
cas_N6512_RDkit_Layered_FP		0.6779	0.3221	0.6744	0.3471	0.8471

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7312	0.2688	0.7287	0.4568	0.7786
cas_N6512_RDkit_MACCS_FP		0.7393	0.2607	0.7385	0.4767	0.7665
cas_N6512_rdkit_MORGAN		0.6415	0.3585	0.6368	0.2706	0.8853
cas_N6512_RDkit_morgan_FP		0.5874	0.4126	0.5819	0.1626	0.9393
cas_N6512_rdkit_PATTERN		0.6708	0.3292	0.6701	0.3398	0.8560
cas_N6512_RDkit_pattern_FP		0.7055	0.2945	0.7060	0.4109	0.8106
cas_N6512_rdkit_RDKITFP		0.6728	0.3272	0.6702	0.3402	0.8556
cas_N6512_rdkit_TORSION		0.6200	0.3800	0.6148	0.2276	0.9085
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8468	0.1021	0.4123	0.0958	0.2543
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7409	0.2591	0.7031	0.3959	0.7688
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9366	0.0634	0.6631	0.0156	0.1615
census10%		0.9415	0.0585	0.6697	0.0412	0.1524
central-nervous-system		0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9302	0.0698	0.6067	0.2134	0.6362
cervical-S		0.9302	0.0698	0.7711	0.5343	0.5353
children-anemia		0.6910	0.1545	0.4889	0.5156	0.2851
chrom19		0.9995	0.0005	0.8424	0.6613	0.2188
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9992	0.0008	0.7736	0.5329	0.3910
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8210	0.1790	0.6696	0.2618	0.5952
churn-bigml		0.8614	0.1386	0.6385	0.1716	0.5215
ci900367j_MACCS		0.7474	0.2526	0.7229	0.4326	0.7421
circles		0.8720	0.0026	0.8862	0.8707	0.0327
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		0.9786	0.0071	0.9783	0.9738	0.0359
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7574	0.1213	0.4895	0.5969	0.2590
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.2500	0.5000	0.2074	-0.1739	0.7308
cm1		0.8200	0.1800	0.4505	-0.0976	0.7500
cmc		0.5238	0.3175	0.5010	0.2425	0.7217
cnae-9		0.7778	0.0494	0.7799	0.7500	0.2357
codon_usage		0.8051	0.0354	0.4279	0.7591	0.1930
coil20		0.9236	0.0076	0.9215	0.9196	0.0450
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.3000	0.0933	0.2302	0.2152	0.3693
colon-tumor		0.6667	0.3333	0.6250	0.2500	0.8750
colposcopies-1		0.6897	0.3103	0.6650	0.3290	0.8399
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.7586	0.2414	0.7549	0.5085	0.7375
colposcopies-4		0.5862	0.4138	0.5196	0.0387	0.9049
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.6897	0.3103	0.6913	0.3741	0.8142
colposcopies-c		0.7586	0.2414	0.6545	0.3072	0.7986
column-2c		0.8065	0.1935	0.8110	0.5991	0.6096
column-3c		0.7097	0.1935	0.6242	0.5319	0.4028

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5199	0.4557	0.5167	0.0276	0.7912
comedy_comparisons1%		0.4943	0.5057	0.4879	-0.0231	0.9922
comedy_comparisons10%		0.5128	0.4872	0.5023	0.0035	0.9152
connect-4		0.9822	0.0118	0.6151	0.3608	0.0355
cottonmeloidogyne		0.7500	0.2500	0.7501	0.5000	0.7497
coupon		0.6625	0.3375	0.6524	0.3037	0.8694
covid19		0.5399	0.1315	0.2153	0.1714	0.3401
covtype		0.7058	0.0840	0.4488	0.5130	0.3458
covtype10%		0.7065	0.0838	0.5028	0.5148	0.3586
covtypeCD		0.9453	0.0547	0.8759	0.7414	0.3305
covtypeT		0.9439	0.0561	0.7363	0.4263	0.4471
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9992	0.0008	0.8776	0.7496	0.2675
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8737	0.0421	0.6127	0.7193	0.1825
cryotherapy		0.7778	0.2222	0.7750	0.5500	0.7072
cultivars		0.5312	0.0293	0.4798	0.5161	0.0874
customer-churn		0.9792	0.0208	0.5944	0.0521	0.2409
cybersecurity		0.1533	0.2822	0.1484	-0.0182	0.8882
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.6852	0.3148	0.6722	0.3377	0.8337
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dating		0.1032	0.1794	0.1033	0.0034	0.9252
day1%		0.6561	0.3439	0.6053	0.0583	0.5593
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8080	0.1920	0.6704	0.2580	0.5951
defect		0.8642	0.1358	0.7122	0.2339	0.2799
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8994	0.1006	0.7039	0.3644	0.5508
depressed		0.8112	0.1888	0.4479	-0.0387	0.6702
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.7500	0.1667	0.5455	0.5556	0.2962
dexter		0.5167	0.4833	0.5169	0.0333	0.9853
df_final		0.6250	0.2500	0.6735	0.4146	0.4478
DIA		0.7167	0.2833	0.6138	0.2273	0.8427
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9321	0.0679	0.7385	0.3212	0.2084
diabetes-risk		0.8691	0.1309	0.7803	0.5304	0.5223
diabetic		0.5389	0.3074	0.3320	0.0250	0.4706
diabetic1%		0.5000	0.3333	0.3204	0.0268	0.5702
diabetic10%		0.5393	0.3071	0.3433	0.0505	0.5191
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8667	0.0667	0.6919	0.8108	0.1231
diamonds_all		0.6055	0.1578	0.4364	0.4067	0.4247
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5833	0.4167	0.6000	0.1892	0.8935
dlbcl-stanford		0.8000	0.2000	0.8077	0.5455	0.4011
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5872	0.4128	0.5834	0.1645	0.9356
dota210%		0.5699	0.4301	0.5667	0.1328	0.9533
drebin		0.9481	0.0519	0.9442	0.8883	0.2815
dropout		0.7630	0.1580	0.6656	0.5903	0.4232

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.3777	0.1778	0.1666	0.0280	0.5202
drug-02		0.5479	0.1292	0.3136	0.1953	0.5167
drug-03		0.6755	0.1082	0.1583	0.0158	0.3582
drug-04		0.5053	0.1413	0.1725	0.0853	0.5731
drug-05		0.7287	0.0775	0.1208	0.0052	0.2297
drug-06		0.4202	0.1657	0.2507	0.2582	0.4700
drug-07		0.4628	0.1791	0.1976	0.1093	0.4582
drug-08		0.5479	0.1292	0.1997	0.1135	0.4375
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5319	0.1337	0.1942	0.1386	0.5077
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7872	0.0709	0.1468	-0.0071	0.2395
drug-13		0.6117	0.1109	0.1975	0.2412	0.3641
drug-14		0.5957	0.1155	0.2307	0.2524	0.5120
drug-15		0.7553	0.0699	0.1883	0.0238	0.3644
drug-16		0.5798	0.1401	0.2851	0.2905	0.4915
drug-17		0.3564	0.1839	0.2828	0.1148	0.5737
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9148	0.0244	0.9309	0.8969	0.1304
ecoli		0.7647	0.0784	0.5284	0.6711	0.1966
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU		0.9394	0.0606	0.8755	0.7179	0.5000
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3200	0.3400	0.3210	0.0939	0.8155
eeg		0.3711	0.0786	0.3600	0.2959	0.5724
eeg-eye		0.7263	0.2737	0.7220	0.4374	0.7734
eeg10%		0.3570	0.0804	0.3468	0.2797	0.5245
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5616	0.1753	0.5250	0.4340	0.4436
euthyroid		0.9272	0.0728	0.7609	0.3855	0.1818
exon.vs.intron-freq		0.8983	0.1017	0.9006	0.7970	0.4183
exon.vs.intron-freq10%		0.8934	0.1066	0.8948	0.7870	0.4403
fakenews		0.5175	0.4825	0.5177	0.0353	0.9893
farm-ads		0.6618	0.3382	0.6594	0.3183	0.8677
fbis-wc		0.5285	0.0555	0.3661	0.4432	0.3567
fertility		0.7000	0.3000	0.7143	0.2857	0.4422
finance		0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk		0.6730	0.1090	0.3681	0.4290	0.2839
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.3000	0.2000	0.1389	0.0759	0.4057
fonts		0.2592	0.0097	0.0244	0.1863	0.3700
fonts10%		0.2620	0.0096	0.0210	0.1882	0.3631
forest		0.8462	0.0769	0.8378	0.7875	0.2281
gas		0.9569	0.0144	0.9523	0.9477	0.0836
gastrointestinal		0.5625	0.2917	0.5236	0.3253	0.6292
gender		0.5916	0.2723	0.3701	0.1193	0.5364
gene		0.8297	0.1136	0.8073	0.7242	0.3912
german		0.6800	0.3200	0.6206	0.2252	0.8466
gestures		0.3236	0.3382	0.3216	0.0983	0.8184
gina		0.7983	0.2017	0.7982	0.5962	0.6672
gisette		0.7971	0.2029	0.7972	0.5943	0.6696
glass		0.5238	0.1587	0.3712	0.3092	0.3740
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.6190	0.3810	0.5962	0.1923	0.9155
glassBWNFP		0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers		0.9091	0.0909	0.7250	0.4500	0.6330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		0.8095	0.1905	0.7070	0.3913	0.6840
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.7619	0.2381	0.4324	-0.0825	0.3983
GlaucomaM		0.7368	0.2632	0.7449	0.4633	0.6993
gli_85		0.7500	0.2500	0.6667	0.3333	0.7987
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8571	0.1429	0.8571	0.7108	0.5408
green		0.4000	0.6000	0.3902	-0.2000	0.9308
grub-damage		0.4667	0.2667	0.5396	0.2982	0.4612
gsalc		0.6667	0.1111	0.5691	0.5846	0.1428
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
hapt		0.8564	0.0239	0.6075	0.8296	0.1333
har		0.7176	0.1129	0.7108	0.6397	0.4167
har70		0.7767	0.0638	0.4464	0.6430	0.1858
har701%		0.7863	0.0611	0.4537	0.6621	0.1911
har7010%		0.7772	0.0637	0.4458	0.6445	0.1862
harth		0.6859	0.0523	0.3086	0.5452	0.2261
harth1%		0.6855	0.0524	0.3080	0.5453	0.2345
harth10%		0.6869	0.0522	0.3096	0.5477	0.2313
hayes-roth		0.2500	0.5000	0.1803	-0.2468	0.6397
hcc-survival		0.4118	0.5882	0.3604	-0.2687	1.0000
health-activity		0.7500	0.1250	0.2143	-0.0305	0.3328
heart		0.7778	0.2222	0.7794	0.5525	0.6913
heart-attack		0.7742	0.2258	0.7815	0.5526	0.6797
heart-c		0.7667	0.2333	0.7652	0.5291	0.7212
heart-failure		0.8580	0.1420	0.8334	0.6664	0.5736
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass		0.8345	0.1655	0.8345	0.6691	0.5949
hepmass1%		0.8359	0.1641	0.8359	0.6718	0.5920
hepmass10%		0.8345	0.1655	0.8345	0.6689	0.5950
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.6427	0.3573	0.6397	0.2751	0.8800
higgs0.1%		0.6573	0.3427	0.6545	0.3064	0.8682
higgs1%		0.6436	0.3564	0.6407	0.2750	0.8744
higgs10%		0.6445	0.3555	0.6419	0.2789	0.8769
higher		0.2143	0.1964	0.1215	0.0888	0.3523
hinselmann		0.7000	0.3000	0.7521	0.4000	0.5239
hitters		0.8125	0.1875	0.8128	0.6206	0.6242
hiv1-proteasa		0.8870	0.1130	0.7740	0.5048	0.4737
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.5184	0.3271	0.6429
hotel-reservartions		0.8203	0.1797	0.7890	0.5713	0.6347
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.7261	0.1826	0.7296	0.5892	0.5151
ht-sensor10%		0.7116	0.1923	0.7158	0.5678	0.5232
htru2		0.9771	0.0229	0.9280	0.8523	0.2052
hypothyroid		0.9231	0.0385	0.3873	0.3619	0.1933
hypothyroidT		0.9390	0.0610	0.7437	0.3251	0.1589
ilpd		0.6949	0.3051	0.5747	0.1352	0.8563
immuno-therapy		0.2222	0.7778	0.3214	-0.1887	0.7422
instagram		0.9307	0.0347	0.9323	0.9076	0.1350
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.8000	0.1333	0.7722	0.6939	0.2545
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.7933	0.0159	0.7992	0.7851	0.1724

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8173	0.1827	0.6327	0.1722	0.5886
jvowels		0.9217	0.0174	0.9210	0.9111	0.1046
kc1		0.8483	0.1517	0.6413	0.2369	0.6498
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.3077	0.2769	0.1143	-0.0086	0.4066
kc1-class-level-top5percentDF		0.7333	0.2667	0.4231	-0.1111	0.4921
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.2294	0.2202	0.2297	0.1002	0.8148
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9957	0.0004	0.3611	0.9926	0.0216
kddcup991%		0.9945	0.0008	0.6659	0.9907	0.0242
kddcup9910%		0.9952	0.0005	0.5341	0.9918	0.0416
kepler		0.8316	0.1123	0.7827	0.7202	0.2485
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9750	0.0250	0.9737	0.9459	0.1112
krkopt		0.3497	0.0723	0.3010	0.2578	0.5145
krvskp		0.9373	0.0627	0.9372	0.8744	0.3136
la1s-wc		0.3587	0.2138	0.2423	0.1483	0.6304
la2s-wc		0.3510	0.2163	0.2645	0.1304	0.6508
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0256	0.6938	0.6915	0.0862
led24		0.5500	0.1000	0.5598	0.4915	0.2165
lenses		0.0000	0.6667	0.0000	-0.5000	0.6046
letter		0.7085	0.0224	0.7143	0.6967	0.2723
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.7500	0.0333	0.7722	0.7322	0.1195
linkage		0.9999	0.0001	0.9896	0.9790	0.0039
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9999	0.0001	0.9940	0.9879	0.0006
liver		0.7059	0.2941	0.6808	0.3585	0.8145
loan		0.9368	0.0632	0.9330	0.8659	0.3287
localization		0.4150	0.1064	0.1683	0.1841	0.4331
localization10%		0.3956	0.1099	0.1728	0.1576	0.4394
lrs		0.8302	0.0485	0.6237	0.7603	0.1244
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		0.7500	0.1000	0.7070	0.6863	0.1228
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8500	0.0600	0.6795	0.6703	0.2274
lung-cancer-harvard2		0.8889	0.1111	0.8000	0.6000	0.5944
lung-cancer-michigan		0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.6429	0.2381	0.4327	0.3137	0.4638
lymphoma2		0.3333	0.2222	0.2500	0.1818	0.3387
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.5885	0.4115	0.5885	0.1769	0.9385
magic04		0.8096	0.1904	0.7848	0.5609	0.6427
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7917	0.2083	0.7909	0.5817	0.6807
marketing		0.8661	0.1339	0.6762	0.3116	0.6185
maternal		0.6733	0.2178	0.6801	0.4974	0.5266
math		0.7250	0.1375	0.7030	0.5699	0.3686
mba		0.8306	0.1129	0.3545	0.0244	0.3128
mental-disorders		0.4167	0.2917	0.4082	0.2222	0.3983
mental-health		0.2000	0.3200	0.1998	-0.0009	0.8772

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.7565	0.2435	0.7571	0.5114	0.7335
meter-A			0.8750	0.1250	0.8730	0.7143	0.3145
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8333	0.0833	0.6774	0.7632	0.1343
meter-D			0.6111	0.1944	0.5281	0.4474	0.3673
mfeat-fac			0.9750	0.0050	0.9758	0.9722	0.0288
mfeat-fou			0.7600	0.0480	0.7576	0.7333	0.2167
mfeat-kar			0.9350	0.0130	0.9366	0.9278	0.0771
mfeat-mor			0.7200	0.0560	0.7251	0.6889	0.1891
mfeat-pix			0.9250	0.0150	0.9261	0.9167	0.0925
mfeat-zer			0.8000	0.0400	0.7973	0.7778	0.1377
mice-prot			0.9907	0.0023	0.9914	0.9894	0.0120
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5294	0.1882	0.4934	0.4087	0.4790
mobile			0.6469	0.0126	0.6636	0.6404	0.1492
monks-1			0.4545	0.5455	0.4550	-0.0898	1.0000
monks-2			0.6557	0.3443	0.6231	0.2460	0.8806
monks-3			0.8571	0.1429	0.8645	0.7117	0.4655
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.9963	0.0037	0.9963	0.9926	0.0289
music			0.4622	0.0978	0.4069	0.3350	0.4987
musk			0.9182	0.0818	0.8288	0.6124	0.3073
MUT_ci300400a_cdk_ECFP2			0.6763	0.3237	0.6592	0.3107	0.8450
MUT_ci300400a_cdk_ECFP4			0.6611	0.3389	0.6474	0.2939	0.8731
MUT_ci300400a_cdk_ECFP6			0.6443	0.3557	0.6235	0.2385	0.8795
MUT_ci300400a_cdk_ESTATE			0.7158	0.2842	0.7049	0.4087	0.8049
MUT_ci300400a_cdk_EXTENDED			0.6906	0.3094	0.6760	0.3479	0.8335
MUT_ci300400a_cdk_FCFP2			0.6850	0.3150	0.6707	0.3388	0.8431
MUT_ci300400a_cdk_FCFP4			0.6583	0.3417	0.6398	0.2733	0.8686
MUT_ci300400a_cdk_FCFP6			0.6103	0.3897	0.5881	0.1727	0.9214
MUT_ci300400a_cdk_MACCS			0.7290	0.2710	0.7170	0.4288	0.7785
MUT_ci300400a_cdk_PUBCHEM			0.7269	0.2731	0.7161	0.4309	0.7889
MUT_ci300400a_cdk_STANDARD			0.7138	0.2862	0.7014	0.4002	0.8055
MUT_ci300400a_rdkit_descriptors			0.7807	0.2193	0.7757	0.5514	0.7043
myocardial			0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid			0.9403	0.0597	0.9409	0.8807	0.2932
NCI60			0.6667	0.1111	0.5714	0.6000	0.1060
nci9			0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA			0.8873	0.0119	0.3333	0.6621	0.2201
ncRNA1%			0.8849	0.0121	0.2958	0.6544	0.2132
ncRNA10%			0.8877	0.0118	0.3125	0.6637	0.2105
neo			0.9042	0.0958	0.6232	0.0504	0.3018
new-thyroid			0.9048	0.0635	0.8198	0.7879	0.0714
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.1502	0.0386	0.0840	0.1033	0.5497
newspop			0.6473	0.3527	0.6447	0.2887	0.8831
NHANES_age_prediction			0.9427	0.0573	0.8863	0.7612	0.3029
nomao			0.9234	0.0766	0.9063	0.8126	0.4024
NPHA-doctor-visits			0.5139	0.3241	0.4667	0.0526	0.5650
nursery			0.9020	0.0490	0.6853	0.8548	0.1415
obesity			0.7014	0.0853	0.6885	0.6516	0.3082
obs			0.9352	0.0324	0.9531	0.9031	0.1093
occupancy			0.9883	0.0117	0.9840	0.9677	0.1315
Occupancy_Estimation			0.9862	0.0069	0.9564	0.9576	0.0423
oh0-wc			0.3663	0.1267	0.3376	0.2556	0.5499
oh10-wc			0.2571	0.1486	0.2399	0.1510	0.6824
oh15-wc			0.3370	0.1326	0.2423	0.2307	0.5765
oh5-wc			0.2857	0.1429	0.2887	0.1826	0.5753

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.2151	0.1570	0.1893	0.1051	0.7449
olive		0.9298	0.0156	0.9215	0.9118	0.0396
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9413	0.0117	0.9432	0.9347	0.0815
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P		0.5000	0.1000	0.4444	0.4444	0.1233
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8041	0.1959	0.7756	0.5471	0.6715
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8968	0.1032	0.8964	0.7926	0.4411
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9616	0.0154	0.7876	0.7555	0.1045
parkinson		0.9500	0.0500	0.9488	0.8972	0.2733
parkinsons		0.8199	0.1801	0.8120	0.6230	0.6364
parkinsons-small		0.8421	0.1579	0.8508	0.6587	0.4882
particle		0.9010	0.0990	0.8746	0.7473	0.4572
particle10%		0.8977	0.1023	0.8708	0.7404	0.4725
pasture		0.5000	0.3333	0.5000	0.2000	0.3750
pc1		0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac		0.5206	0.4794	0.4750	-0.0459	0.9855
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8158	0.1842	0.7328	0.4510	0.6737
pediatric-leukemia		0.3529	0.1849	0.2413	0.1983	0.5337
pendigits		0.9654	0.0069	0.9662	0.9616	0.0509
period		0.3333	0.6667	0.2500	0.0000	0.5000
period-10f		0.2222	0.7778	0.2500	-0.4000	0.9533
persistency		0.8192	0.1808	0.8050	0.6088	0.6374
personalities		0.8710	0.0161	0.8714	0.8624	0.1868
pet-adoption		0.8650	0.1350	0.8458	0.6911	0.5498
phishing		0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL		0.9720	0.0280	0.9714	0.9428	0.1748
PhiUSIIL10%		0.9809	0.0191	0.9805	0.9610	0.1286
phone-acc		0.5298	0.1344	0.4992	0.4501	0.4194
phone-acc0.1%		0.5299	0.1343	0.4797	0.4494	0.4457
phone-acc1%		0.5343	0.1330	0.4994	0.4549	0.4210
phone-acc10%		0.5328	0.1335	0.4983	0.4533	0.4320
phone-gyr		0.4100	0.1686	0.4165	0.3118	0.4522
phone-gyr0.1%		0.4178	0.1663	0.4206	0.3204	0.4784
phone-gyr1%		0.4115	0.1681	0.4103	0.3129	0.4635
phone-gyr10%		0.4105	0.1684	0.4139	0.3122	0.4704
phoneme		0.8426	0.1574	0.8005	0.5989	0.6182
phy		0.6970	0.3030	0.6970	0.3939	0.8248
pima		0.6842	0.3158	0.6560	0.2808	0.7925
pirvision		0.9458	0.0361	0.8849	0.8087	0.1235
placement		0.7910	0.2090	0.7850	0.5700	0.6868
plant-growth		0.6842	0.3158	0.6910	0.3736	0.8166
plrx		0.5556	0.4444	0.4462	-0.1077	0.9442
poker		0.4997	0.1112	0.1089	0.0017	0.1982
poker1%		0.4829	0.1477	0.1373	0.0015	0.3195
poker10%		0.4973	0.1257	0.1213	0.0025	0.2449
polish-1st		0.9630	0.0370	0.6786	0.0689	0.1081
polish-2nd		0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd		0.9514	0.0486	0.4876	-0.0019	0.2419

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9323	0.0677	0.6334	0.1495	0.4111
polya			0.7762	0.2238	0.7501	0.4966	0.7196
popularity			0.6618	0.2255	0.4091	0.1895	0.4563
post-operative			0.6667	0.3333	0.6582	0.3077	0.8309
postures			0.8136	0.0746	0.8133	0.7669	0.2880
pred-tox_mutagen_ref-desc			0.5882	0.4118	0.5889	0.1765	0.9350
prestige			0.3333	0.4444	0.3241	0.0182	0.6389
primary-tumor			0.3939	0.0932	0.3439	0.3175	0.3054
processed			0.9317	0.0683	0.9227	0.8452	0.3632
profb			0.7463	0.2537	0.7032	0.4040	0.7813
promoters			0.5000	0.5000	0.4553	-0.0870	1.0000
prostate			0.6429	0.3571	0.6291	0.2553	0.8888
prostate_GE			0.7273	0.2727	0.7333	0.4590	0.7617
puc-rio			0.8806	0.0478	0.8335	0.8374	0.1702
puc-rio10%			0.8781	0.0488	0.8154	0.8342	0.1864
pufs-128			0.5007	0.4993	0.5007	0.0013	0.9996
pufs-1281%			0.4985	0.5015	0.4985	-0.0030	1.0000
pufs-12810%			0.5001	0.4999	0.5001	0.0003	0.9999
pufs-64			0.5007	0.4993	0.5007	0.0014	0.9990
pufs-641%			0.5046	0.4954	0.5046	0.0092	0.9972
pufs-6410%			0.5068	0.4932	0.5068	0.0136	0.9961
pulsar			0.9800	0.0200	0.9381	0.8707	0.1303
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
rcv1			0.2295	0.0310	0.0059	-0.0225	0.2731
rcv11%			0.2667	0.0358	0.0442	0.0950	0.4498
rcv110%			0.2855	0.0286	0.0384	0.1068	0.3946
re0-wc			0.4600	0.0831	0.1151	0.1969	0.3956
re1-wc			0.3735	0.0501	0.1465	0.2418	0.3739
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9859	0.0141	0.9860	0.9716	0.0806
reuters21578			0.4699	0.0221	0.0212	0.1303	0.2657
rice			0.9890	0.0110	0.9889	0.9778	0.0768
rnaseq			0.9875	0.0050	0.9803	0.9835	0.0228
rocket			0.6299	0.3701	0.6042	0.2033	0.9023
RT_IOT2022			0.9803	0.0033	0.8529	0.9506	0.0214
satimage			0.8585	0.0472	0.8272	0.8238	0.1774
satimageF			0.9876	0.0124	0.9674	0.9342	0.1291
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.8571	0.0571	0.7467	0.8056	0.0503
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5294	0.4706	0.5296	0.0588	0.9796
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.8096	0.1904	0.8069	0.6137	0.6485
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9134	0.0247	0.9226	0.8987	0.0940
segmentation			0.8564	0.1436	0.8407	0.6760	0.5404
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.5832	0.0279	0.3779
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-8-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-9-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sensorless			0.6012	0.0725	0.6212	0.5613	0.3170
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8824	0.1176	0.7348	0.4040	0.4834
shuttle			0.9798	0.0058	0.6293	0.9428	0.0507
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9856	0.0144	0.9791	0.9574	0.1640
skin10%			0.9845	0.0155	0.9776	0.9541	0.1726
smarket			0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming			0.3000	0.3500	0.3052	0.0662	0.7782
smk_can_187			0.5263	0.4737	0.5225	0.0447	0.9841
smoking			0.7477	0.2523	0.7358	0.4698	0.7591
soil_pollution			0.1867	0.3253	0.1842	-0.0183	0.8830
solar-flare			0.7626	0.0791	0.6701	0.6955	0.1860
sonar			0.6500	0.3500	0.6508	0.3000	0.8761
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9510	0.0490	0.8454	0.6885	0.4445
spambase			0.9087	0.0913	0.9042	0.8061	0.3953
spect			0.6296	0.3704	0.5218	0.0426	0.8561
spectf			0.7714	0.2286	0.7585	0.5000	0.6967
spectrometer			0.3654	0.0470	0.2210	0.3249	0.2080
splice-EI			0.9085	0.0915	0.8793	0.7586	0.4693
splice-IE			0.8265	0.1735	0.7345	0.4458	0.6414
sport-articles			0.8400	0.1600	0.8254	0.6449	0.5756
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			0.9355	0.0645	0.9295	0.8591	0.3357
steel_industry			0.7874	0.1417	0.7399	0.6539	0.4098
steel-b			0.8564	0.1436	0.7669	0.5251	0.6179
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9795	0.0205	0.9682	0.9359	0.1450
steel-o			0.8051	0.1949	0.7792	0.5526	0.6617
steel-p			0.9282	0.0718	0.7104	0.2078	0.1781
steel-s			0.9744	0.0256	0.8276	0.6534	0.4433
steel-z			0.9692	0.0308	0.9090	0.8164	0.3047
stellar			0.8594	0.0937	0.8400	0.7416	0.3334
stock			0.9097	0.0903	0.8348	0.6473	0.4069
stockb			0.9912	0.0059	0.9913	0.9868	0.0318
streaming			0.8020	0.1980	0.7994	0.5985	0.6624
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6100	0.1560	0.3503	0.3721	0.4469
student-depression			0.8305	0.1695	0.8241	0.6471	0.6057
student-habits			0.3700	0.2520	0.1734	0.0141	0.5760
student-weekend			0.3846	0.2462	0.2556	0.1495	0.7393
student-workday			0.7344	0.1062	0.2512	0.2718	0.2841
studentap			0.3077	0.4615	0.1905	-0.1038	0.7020
susy			0.7771	0.2229	0.7790	0.5422	0.6612
susy1%			0.7772	0.2228	0.7790	0.5424	0.6612
susy10%			0.7797	0.2203	0.7815	0.5477	0.6579
swarm_aligned			0.9788	0.0212	0.9760	0.9512	0.1657
swarm_flocking			0.9192	0.0808	0.9194	0.8385	0.3716
swarm_grouped			0.9388	0.0612	0.9344	0.8684	0.3087
tae			0.3333	0.4444	0.3542	0.0000	0.6564
telco-churn			0.9020	0.0980	0.8707	0.7385	0.4544
texture			0.9873	0.0023	0.9882	0.9860	0.0172

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.7447	0.2553	0.4964	-0.0071	0.8042
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8003	0.1997	0.6958	0.3403	0.6418
tis10%			0.7612	0.2388	0.6338	0.2496	0.7821
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.1000	0.5208	0.6098	0.1174
tox_171			0.6471	0.1765	0.6500	0.5256	0.3817
toxicity			0.4706	0.5294	0.4411	-0.1168	0.9859
toxicity-13f			0.8235	0.1765	0.8163	0.6277	0.6246
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.5184	0.0296	0.8440
trec11-wc			0.3902	0.1355	0.2149	0.2205	0.4234
trec12-wc			0.3548	0.1613	0.2777	0.2211	0.4643
trec21-wc			0.6667	0.1333	0.2386	0.1125	0.4825
trec23-wc			0.5238	0.1587	0.3024	0.3115	0.4524
trec31-wc			0.5591	0.1470	0.4523	0.3872	0.4729
trec41-wc			0.4773	0.1045	0.2994	0.3332	0.4218
trec45-wc			0.3623	0.1275	0.2378	0.2339	0.5018
tuandromd			0.9686	0.0314	0.9522	0.9042	0.2634
turkish			0.7250	0.1375	0.7279	0.6333	0.3499
tvnews			0.8548	0.1452	0.8416	0.6817	0.5588
tvnews1%			0.8923	0.1077	0.8839	0.7605	0.4199
tvnews10%			0.8728	0.1272	0.8617	0.7222	0.5130
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9646	0.0354	0.6787	0.0690	0.1045
urban			0.7910	0.0464	0.8082	0.7550	0.1648
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%			0.7112	0.2888	0.6629	0.1909	0.5647
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7381	0.1310	0.7075	0.6489	0.2405
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.6667	0.3333	0.6769	0.3333	0.7930
vote			0.9070	0.0930	0.9069	0.8139	0.4119
vowel			0.4444	0.1010	0.4693	0.3889	0.3082
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.3141	0.0686	0.1359	0.1963	0.4601
warpar10p			0.4615	0.1077	0.4282	0.4013	0.1960
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.6439	0.1017	0.6277	0.5828	0.4042
watch-acc1%			0.6156	0.1098	0.5962	0.5496	0.4288
watch-acc10%			0.6341	0.1045	0.6168	0.5712	0.4136
watch-gyr			0.4271	0.1637	0.4012	0.3280	0.4958
watch-gyr1%			0.4217	0.1652	0.3945	0.3222	0.4999
watch-gyr10%			0.4319	0.1623	0.4154	0.3343	0.5025
water_pollution			0.2567	0.3717	0.2586	0.0078	0.8571
waveform			0.8360	0.1093	0.8367	0.7541	0.3724
weather-related			0.9404	0.0108	0.9431	0.9323	0.0653
web-phishing			0.8370	0.1086	0.6749	0.6986	0.3476
Weekly			0.9352	0.0648	0.9369	0.8701	0.3015
weight-lift			0.6703	0.1319	0.6566	0.5794	0.4801
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9400	0.0300	0.9401	0.9200	0.1005

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9731	0.0269	0.8448	0.6838	0.3839
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6415	0.1195	0.3106	0.4114	0.3586
winequality-white			0.5399	0.1534	0.3221	0.2648	0.4447
winnipeg			0.9695	0.0087	0.9421	0.9614	0.0596
winnipeg10%			0.9666	0.0096	0.9309	0.9576	0.0579
wisc_bc			0.9474	0.0526	0.9443	0.8880	0.2925
yale			0.4375	0.0750	0.3659	0.3950	0.1539
yeast			0.5405	0.1021	0.4008	0.4048	0.4089
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1			0.9662	0.0338	0.7155	0.4272	0.5783
yeastME2			0.9459	0.0541	0.6564	0.3060	0.6026
zip			0.8892	0.0222	0.8817	0.8756	0.1511

Table 46: Detailed results for ExtraTrees

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1583	0.0580	0.0801	0.0737	0.5248
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9844	0.0156	0.7088	0.2387	0.1459
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9756	0.0244	0.9486	0.8970	0.2238
adult		0.8663	0.1337	0.8030	0.5956	0.5586
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7905	0.2095	0.5065	0.0086	0.7569
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.8738	0.1262	0.4663	-0.0669	0.6884
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9836	0.0164	0.4959	-0.0040	0.4515
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9972	0.0028	0.7519	0.3407	0.0134
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.6707	0.3056	0.7334
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.6185	0.0989	0.2402
aids		0.8920	0.1080	0.8488	0.6611	0.3310
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.9375	0.0625	0.9363	0.8727	0.3147
alcohol		0.7429	0.1029	0.4557	0.3085	0.2552
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9116	0.0884	0.9025	0.8013	0.3817
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9819	0.0090	0.9461	0.9654	0.0423
anuran-genus		0.9819	0.0045	0.9447	0.9702	0.0351
anuran-species		0.9875	0.0025	0.9796	0.9826	0.0191
anxiety		0.1000	0.2000	0.0700	-0.0178	0.7638
apple-quality		0.7500	0.2500	0.7510	0.5000	0.7443
aps-failure		0.9928	0.0072	0.8891	0.7719	0.2486
arabidopsis		0.9920	0.0080	0.6664	0.0201	0.0360
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.6690	0.0144	0.0319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.8444	0.0239	0.6236	0.7478	0.1444
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.8696	0.0109	0.4010	0.8510	0.0208
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7526	0.8667	0.0771
avila		0.9957	0.0007	0.9957	0.9944	0.0091
babies		0.4435	0.1590	0.1442	0.1126	0.4115
balance		0.9194	0.0538	0.6345	0.8480	0.1272
bank		0.9121	0.0879	0.7598	0.5137	0.5763
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8779	0.1221	0.8674	0.7221	0.4394
basehock		0.9849	0.0151	0.9849	0.9698	0.1051
bio		0.9968	0.0032	0.8999	0.7858	0.1187
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8857	0.1143	0.8780	0.7553	0.4788
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9884	0.0008	0.1189	0.3588	0.1584
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9866	0.0009	0.0879	0.1434	0.0954
body-perf		0.5530	0.2235	0.5556	0.4040	0.4089
bookings		0.9898	0.0068	0.6620	0.9783	0.0264
brain-tumor		0.4965	0.5035	0.4964	-0.0072	1.0000
breast-cancer		0.7857	0.2143	0.7206	0.4324	0.7241
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17		0.9094	0.0906	0.6576	0.0057	0.2088
bub12at310k-hg16-17		0.9199	0.0801	0.6902	0.2938	0.4503
bub8at310k-hg16-17		0.9183	0.0817	0.6879	0.3183	0.5132
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4910	0.3393	0.2835	-0.0033	0.3709
car		0.9540	0.0230	0.9397	0.9050	0.1976
car-insurance		0.8410	0.1590	0.8147	0.6293	0.6158
card		0.9275	0.0725	0.9263	0.8491	0.3160
cardiotocography		0.8685	0.0263	0.8448	0.8418	0.1508
cardiotocography-nsp		0.9577	0.0282	0.9246	0.8787	0.1184
cardiovascular		0.6418	0.3582	0.6434	0.2836	0.8804
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8250	0.1167	0.7690	0.6875	0.4235
cas_N6512_cdk_ECFP2		0.5530	0.4470	0.5925	0.0333	0.5652
cas_N6512_rdkit_ATOMPAIR		0.5415	0.4585	0.5656	0.0077	0.5477
cas_N6512_RDkit_AtomPair_FP		0.5460	0.4540	0.6128	0.0179	0.5201
cas_N6512_rdkit_AVALON		0.6160	0.3840	0.6673	0.2639	0.7147
cas_N6512_RDkit_Avalon_FP		0.6150	0.3850	0.6652	0.2613	0.7204
cas_N6512_rdkit_descriptors		0.5446	0.4554	0.6115	0.0143	0.5202
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5399	0.4601	0.5478	0.0041	0.5479
cas_N6512_RDkit_FP		0.7699	0.2301	0.7711	0.5402	0.7125
cas_N6512_rdkit_LAYERED		0.7338	0.2662	0.7345	0.4677	0.7707
cas_N6512_RDkit_Layered_FP		0.7883	0.2117	0.7870	0.5740	0.6871

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7081	0.2919	0.7052	0.4090	0.8094
cas_N6512_RDkit_MACCS_FP		0.7224	0.2776	0.7218	0.4432	0.7904
cas_N6512_rdkit_MORGAN		0.6077	0.3923	0.6602	0.2485	0.7183
cas_N6512_RDkit_morgan_FP		0.5997	0.4003	0.6548	0.2343	0.7154
cas_N6512_rdkit_PATTERN		0.6215	0.3785	0.6576	0.2689	0.7754
cas_N6512_RDkit_pattern_FP		0.6488	0.3512	0.6848	0.3203	0.7421
cas_N6512_rdkit_RDKITFP		0.7696	0.2304	0.7693	0.5380	0.7178
cas_N6512_rdkit_TORSION		0.5431	0.4569	0.6101	0.0108	0.5205
ccds		0.9669	0.0331	0.7266	0.2987	0.1886
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9630	0.0370	0.6780	0.0665	0.1082
cdc_diabetes		0.8503	0.0998	0.4248	0.1665	0.2880
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7150	0.2850	0.7109	0.4130	0.7802
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6744	0.0561	0.1301
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9501	0.0499	0.7490	0.4614	0.4453
census10%		0.9529	0.0471	0.7442	0.4426	0.4229
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8333	0.0833	0.7811	0.7439	0.2097
chrom19		0.9998	0.0002	0.9337	0.8600	0.0515
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9993	0.0007	0.8154	0.6247	0.3778
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8490	0.1510	0.7355	0.4224	0.5582
churn-bigml		0.8914	0.1086	0.7456	0.4071	0.4116
ci900367j_MACCS		0.6842	0.3158	0.6572	0.2192	0.6561
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4587	0.3710	0.4457
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8185	0.0907	0.7014	0.7138	0.3254
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5714	0.2857	0.5565	0.3209	0.6541
cnae-9		0.9537	0.0103	0.9551	0.9479	0.0519
codon_usage		0.8450	0.0282	0.7057	0.8095	0.1649
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.7586	0.2414	0.7549	0.5085	0.7375
colposcopies-4		0.7586	0.2414	0.6866	0.3715	0.7831
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.8065	0.1290	0.7609	0.6847	0.2903

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5306	0.4567	0.5135	0.0309	0.7544
comedy_comparisons1%		0.5180	0.4820	0.5183	0.0024	0.5764
comedy_comparisons10%		0.5175	0.4825	0.5214	0.0005	0.5363
connect-4		0.9864	0.0091	0.7347	0.6196	0.2415
cottonmeloidogyne		0.7212	0.2788	0.7237	0.4414	0.7767
coupon		0.7744	0.2256	0.7684	0.5316	0.7012
covid19		0.5396	0.1315	0.2176	0.1630	0.3273
covtype		0.9651	0.0100	0.9405	0.9439	0.1003
covtype10%		0.8929	0.0306	0.8250	0.8256	0.2169
covtypeCD		0.9940	0.0060	0.9873	0.9746	0.0721
covtypeT		0.9852	0.0148	0.9414	0.8818	0.2095
crabs		0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans		0.9995	0.0005	0.9170	0.8233	0.0784
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9355	0.0215	0.8337	0.8630	0.1336
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.6250	0.0187	0.4805	0.6160	0.0440
customer-churn		0.9806	0.0194	0.6651	0.1803	0.2550
cybersecurity		0.1667	0.2778	0.1693	-0.0068	0.8067
cyclopentane		0.6667	0.3333	0.6582	0.3077	0.8482
cylinder-bands		0.7778	0.2222	0.7839	0.5186	0.5577
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0968	0.1806	0.0844	-0.0047	0.7547
day1%		0.9708	0.0292	0.9691	0.9373	0.1930
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8270	0.1730	0.7158	0.4000	0.6406
defect		0.9414	0.0586	0.8851	0.7492	0.2333
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9029	0.0971	0.7411	0.4755	0.6008
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.3667	0.0588	0.6762
dexter		0.9000	0.1000	0.9036	0.8000	0.3911
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.5708	0.0625	0.6318
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k		0.9645	0.0355	0.8761	0.7184	0.1088
diabetes-risk		0.8905	0.1095	0.8201	0.6162	0.4528
diabetic		0.5395	0.3070	0.3685	0.0029	0.3668
diabetic1%		0.5686	0.2876	0.4391	0.1183	0.4947
diabetic10%		0.5403	0.3065	0.4088	0.0082	0.3985
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.4555	0.2178	0.4172	0.1219	0.3470
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.4583	0.5417	0.4144	-0.1642	1.0000
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.6326	0.0071	0.0267
dorothea		0.9565	0.0435	0.8629	0.7138	0.3320
dota2		0.5659	0.4341	0.5632	0.1263	0.9571
dota210%		0.5456	0.4544	0.5434	0.0868	0.9719
drebin		0.9341	0.0659	0.9308	0.8605	0.3402
dropout		0.7765	0.1490	0.6901	0.6229	0.4380

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.3830	0.1763	0.1340	0.0239	0.5011
drug-02		0.5213	0.1368	0.2241	0.1762	0.6276
drug-03		0.6968	0.0866	0.1961	0.1135	0.3224
drug-04		0.5106	0.1398	0.2099	0.1212	0.5898
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3883	0.1748	0.2829	0.2292	0.5961
drug-07		0.4043	0.1702	0.1426	0.0236	0.4510
drug-08		0.5638	0.1246	0.2280	0.1478	0.4381
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5585	0.1261	0.1845	0.1396	0.4611
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6223	0.1079	0.1763	0.2249	0.3574
drug-14		0.6011	0.1140	0.2535	0.2745	0.4692
drug-15		0.7500	0.0714	0.1228	0.0009	0.2735
drug-16		0.5691	0.1231	0.2307	0.2558	0.4208
drug-17		0.3723	0.1793	0.2190	0.1371	0.5985
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7766	0.0638	0.1885	0.0381	0.1584
drybean		0.9206	0.0227	0.9340	0.9041	0.1287
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3000	0.3500	0.3237	0.0593	0.6545
eeg		0.2698	0.0913	0.3303	0.1613	0.4057
eeg-eye		0.9206	0.0794	0.9201	0.8384	0.3551
eeg10%		0.2149	0.0981	0.2185	0.0994	0.4251
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6712	0.1315	0.6460	0.5767	0.3051
euthyroid		0.9652	0.0348	0.8979	0.7944	0.3409
exon.vs.intron-freq		0.9792	0.0208	0.9791	0.9582	0.1367
exon.vs.intron-freq10%		0.9577	0.0423	0.9582	0.9150	0.2155
fakenews		0.5500	0.4500	0.5503	0.1004	0.9674
farm-ads		0.8671	0.1328	0.8724	0.7294	0.4451
fbis-wc		0.7073	0.0344	0.6495	0.6616	0.2232
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.6863	0.3137	0.6950	0.3355	0.7099
financial-risk		0.7435	0.0855	0.5513	0.5618	0.2356
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.7500	0.0625	0.4110	0.6753	0.1510
fonts		0.8858	0.0015	0.7924	0.8803	0.1093
fonts10%		0.7020	0.0039	0.4614	0.6858	0.2366
forest		0.9231	0.0385	0.9069	0.8937	0.0884
gas		0.9964	0.0012	0.9966	0.9956	0.0089
gastrointestinal		0.8750	0.0833	0.8402	0.8012	0.2249
gender		0.5895	0.2737	0.4155	0.0039	0.3341
gene		0.9401	0.0400	0.9338	0.9041	0.1726
german		0.7400	0.2600	0.7017	0.3418	0.6583
gestures		0.4546	0.2727	0.3789	0.2718	0.3705
gina		0.9337	0.0663	0.9338	0.8674	0.3252
gisette		0.9671	0.0329	0.9672	0.9343	0.1943
glass		0.7619	0.0794	0.7141	0.6645	0.2397
glass-g2		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP		0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP		0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.7895	0.2105	0.7978	0.5824	0.6422
gli_85			1.0000	0.0000	1.0000	1.0000	0.0000
glioma			0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade			0.8571	0.1429	0.8547	0.7085	0.5490
green			0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage			0.4667	0.2667	0.4872	0.2727	0.5104
gsalc			1.0000	0.0000	1.0000	1.0000	0.0000
haberman			0.7000	0.3000	0.4118	-0.0630	0.7714
hapt			0.9579	0.0070	0.8999	0.9503	0.0577
har			0.3598	0.2561	0.3515	0.1151	0.3592
har70			0.9361	0.0183	0.6971	0.9043	0.0975
har701%			0.9257	0.0212	0.5434	0.8892	0.0972
har7010%			0.9318	0.0195	0.6420	0.8979	0.0939
harth			0.9011	0.0165	0.6991	0.8651	0.1585
harth1%			0.8754	0.0208	0.5952	0.8294	0.1605
harth10%			0.8905	0.0182	0.6644	0.8503	0.1623
hayes-roth			0.6250	0.2500	0.6905	0.4074	0.3966
hcc-survival			0.7059	0.2941	0.7043	0.4056	0.8063
health-activity			0.7700	0.1150	0.2175	0.0000	0.1937
heart			0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack			0.8387	0.1613	0.8389	0.6764	0.5837
heart-c			0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure			0.9480	0.0520	0.9395	0.8750	0.2284
heart-quantum			0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis			0.8000	0.2000	0.7266	0.4444	0.7131
hepmass			0.8564	0.1436	0.8578	0.7128	0.5344
hepmass1%			0.8568	0.1432	0.8569	0.7136	0.5439
hepmass10%			0.8662	0.1338	0.8663	0.7324	0.5214
hERG-121inputs			1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.9231	0.0769	0.8898	0.7547	0.2092
higgs			0.5406	0.4594	0.5886	0.0231	0.5556
higgs0.1%			0.6964	0.3036	0.6957	0.3914	0.8257
higgs1%			0.7141	0.2859	0.7138	0.4273	0.8017
higgs10%			0.7357	0.2643	0.7356	0.4708	0.7710
higher			0.2857	0.1786	0.2264	0.1411	0.3501
hinselmann			0.7000	0.3000	0.4118	-0.1538	0.8916
hitters			0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa			0.8803	0.1197	0.7645	0.5132	0.5738
hiva			0.9645	0.0355	0.6382	0.1986	0.4361
horse			0.6389	0.2407	0.6122	0.3615	0.5853
hotel-reservartions			0.7878	0.2122	0.7466	0.4646	0.6503
hr			0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor			1.0000	0.0000	1.0000	1.0000	0.0002
ht-sensor10%			0.9995	0.0004	0.9995	0.9992	0.0031
htru2			0.9765	0.0235	0.9268	0.8517	0.2437
hypothyroid			0.9814	0.0093	0.6817	0.8830	0.0769
hypothyroidT			0.9973	0.0027	0.9909	0.9816	0.0997
ilpd			0.7458	0.2542	0.6470	0.2324	0.6991
immuno-therapy			0.8889	0.1111	0.8333	0.6087	0.2605
instagram			0.9587	0.0207	0.9602	0.9449	0.0737
ionosphere			0.9429	0.0571	0.9337	0.8674	0.3191
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.8986	0.0078	0.9028	0.8945	0.0849

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8209	0.1791	0.6448	0.1805	0.5508
jvowels		0.9799	0.0045	0.9783	0.9772	0.0356
kc1		0.8768	0.1232	0.7234	0.3800	0.5034
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6429	0.0298	0.0752	0.2708	0.0880
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6751	0.3350	0.7254
kdc-4007		0.3616	0.1596	0.3901	0.2497	0.3133
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9476	0.0524	0.4866	-0.0021	0.2511
kddcup99		0.9999	0.0000	0.7176	0.9999	0.0026
kddcup991%		0.9988	0.0001	0.5007	0.9979	0.0010
kddcup9910%		0.9998	0.0000	0.6936	0.9997	0.0025
kepler		0.8201	0.1199	0.7902	0.7018	0.1866
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.6970	0.0337	0.7056	0.6605	0.3123
krvskp		0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc		0.5492	0.1503	0.3942	0.3824	0.2939
la2s-wc		0.6159	0.1280	0.5768	0.4768	0.2649
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.7059	0.0147	0.3801	0.6909	0.0611
led24		0.6500	0.0700	0.6149	0.6045	0.1488
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9570	0.0033	0.9571	0.9553	0.0507
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8889	0.0148	0.9110	0.8807	0.0496
linkage		1.0000	0.0000	0.9993	0.9986	0.0053
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0001
liver		0.7647	0.2353	0.7202	0.4357	0.7504
loan		0.9789	0.0211	0.9775	0.9550	0.1360
localization		0.7577	0.0440	0.5379	0.6889	0.3079
localization10%		0.7002	0.0545	0.4188	0.6122	0.3393
lrs		0.8679	0.0264	0.4511	0.8158	0.0756
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.5000	0.5000	0.5000	0.0000	0.9424
magic04		0.8780	0.1220	0.8640	0.7232	0.4835
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8347	0.6671	0.5906
marketing		0.8839	0.1161	0.7254	0.3621	0.4447
maternal		0.7822	0.1452	0.7878	0.6683	0.4181
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2033	0.3187	0.2022	0.0005	0.8329

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6783	0.3217	0.6735	0.3469	0.8499
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.9444	0.0278	0.9330	0.9241	0.0699
meter-D			0.9444	0.0278	0.9583	0.9234	0.0743
mfeat-fac			0.9550	0.0090	0.9552	0.9500	0.0547
mfeat-fou			0.7850	0.0430	0.7849	0.7611	0.1588
mfeat-kar			0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-mor			0.7150	0.0570	0.7173	0.6833	0.1847
mfeat-pix			0.9550	0.0090	0.9560	0.9500	0.0536
mfeat-zer			0.7650	0.0470	0.7707	0.7389	0.1415
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5294	0.1882	0.4648	0.4093	0.4332
mobile			0.9231	0.0027	0.9279	0.9217	0.0353
monks-1			1.0000	0.0000	1.0000	1.0000	0.0000
monks-2			0.8361	0.1639	0.8252	0.5906	0.3522
monks-3			0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4150	0.1064	0.4103	0.2442	0.3816
musk			0.9697	0.0303	0.9404	0.8750	0.1394
MUT_ci300400a_cdk_ECFP2			0.5947	0.4053	0.6019	0.0352	0.5453
MUT_ci300400a_cdk_ECFP4			0.5952	0.4048	0.6247	0.0334	0.5041
MUT_ci300400a_cdk_ECFP6			0.6778	0.3222	0.6955	0.3716	0.7891
MUT_ci300400a_cdk_ESTATE			0.6954	0.3046	0.6976	0.3902	0.8119
MUT_ci300400a_cdk_EXTENDED			0.7602	0.2398	0.7628	0.5194	0.7187
MUT_ci300400a_cdk_FCFP2			0.5844	0.4156	0.6141	0.0034	0.5066
MUT_ci300400a_cdk_FCFP4			0.5887	0.4113	0.6187	0.0167	0.5057
MUT_ci300400a_cdk_FCFP6			0.6331	0.3669	0.6198	0.1560	0.7114
MUT_ci300400a_cdk_MACCS			0.7326	0.2674	0.7211	0.4385	0.7760
MUT_ci300400a_cdk_PUBCHEM			0.6240	0.3760	0.6793	0.2979	0.7231
MUT_ci300400a_cdk_STANDARD			0.7760	0.2240	0.7713	0.5421	0.7119
MUT_ci300400a_rdkit_descriptors			0.5952	0.4048	0.6236	0.0578	0.5291
myocardial			0.8882	0.0279	0.3966	0.4318	0.0922
naticusdroid			0.9758	0.0242	0.9758	0.9516	0.1535
NCI60			0.8333	0.0556	0.7895	0.8000	0.0530
nci9			0.8333	0.0370	0.5556	0.8065	0.0000
ncRNA			0.9592	0.0043	0.8153	0.8890	0.2164
ncRNA1%			0.9160	0.0088	0.5093	0.7614	0.3092
ncRNA10%			0.9393	0.0064	0.7020	0.8311	0.2861
neo			0.9048	0.0952	0.6649	0.0381	0.2164
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.2647	0.0334	0.3287	0.2166	0.3124
newspop			0.6559	0.3441	0.6531	0.3051	0.8729
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9655	0.0345	0.9574	0.9148	0.2197
NPHA-doctor-visits			0.4583	0.3611	0.3759	-0.0263	0.6866
nursery			0.9954	0.0019	0.7971	0.9932	0.0121
obesity			0.8341	0.0474	0.8352	0.8064	0.1934
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9932	0.0068	0.9905	0.9809	0.0810
Occupancy_Estimation			0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc			0.8911	0.0218	0.9086	0.8747	0.1009
oh10-wc			0.6952	0.0610	0.7354	0.6495	0.2319
oh15-wc			0.8261	0.0348	0.8354	0.8020	0.1635
oh5-wc			0.7912	0.0418	0.8358	0.7630	0.1562

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ohscal-wc			0.6039	0.0792	0.6301	0.5496	0.3172
olive			0.9474	0.0117	0.9385	0.9343	0.0333
opn310k			0.9102	0.0898	0.6417	0.0276	0.2329
opn310k10%			0.9133	0.0867	0.6659	0.0385	0.2026
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.9733	0.0053	0.9752	0.9703	0.0374
optdigitsZ			0.9982	0.0018	0.9945	0.9889	0.0098
orl			0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr			0.9289	0.0711	0.6520	0.1647	0.3724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8608	0.1392	0.8427	0.6842	0.5526
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8730	0.1270	0.8765	0.7471	0.4811
p53-mutants			0.9955	0.0045	0.7169	0.4146	0.4457
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9799	0.0080	0.8658	0.8837	0.1471
parkinson			0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons			0.8815	0.1185	0.8732	0.7414	0.4659
parkinsons-small			0.9474	0.0526	0.9399	0.8725	0.3145
particle			0.9350	0.0650	0.9205	0.8408	0.3675
particle10%			0.9223	0.0777	0.9039	0.8078	0.4078
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9009	0.0991	0.4739	-0.0409	0.6902
pcmac			0.5515	0.4485	0.4616	-0.0402	0.8620
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.7895	0.2105	0.7097	0.4182	0.7455
pediatric-leukemia			0.8235	0.0504	0.7646	0.7821	0.1427
pendigits			0.9936	0.0013	0.9938	0.9929	0.0119
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.7697	0.2303	0.7479	0.4879	0.7160
personalities			0.8215	0.0223	0.8263	0.8096	0.2326
pet-adoption			0.9350	0.0650	0.9263	0.8477	0.2815
phishing			0.9714	0.0286	0.9700	0.9397	0.1676
PhiUSIIL			1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.9999	0.0000	0.9999	0.9998	0.0005
phone-acc0.1%			0.9142	0.0245	0.9078	0.8998	0.0971
phone-acc1%			0.9879	0.0035	0.9871	0.9859	0.0238
phone-acc10%			0.9984	0.0005	0.9983	0.9981	0.0046
phone-gyr			0.9999	0.0000	0.9999	0.9999	0.0004
phone-gyr0.1%			0.9447	0.0158	0.9404	0.9354	0.0788
phone-gyr1%			0.9893	0.0031	0.9883	0.9875	0.0209
phone-gyr10%			0.9988	0.0004	0.9986	0.9985	0.0034
phoneme			0.9111	0.0889	0.8885	0.7758	0.4265
phy			0.7022	0.2978	0.7033	0.4040	0.8113
pima			0.7368	0.2632	0.7221	0.4006	0.6803
pirvision			0.9954	0.0030	0.9920	0.9855	0.0290
placement			0.7950	0.2050	0.7884	0.5763	0.6783
plant-growth			0.6316	0.3684	0.6292	0.2570	0.8973
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.7798	0.0440	0.2633	0.5853	0.1557
poker1%			0.5317	0.0937	0.1803	0.1034	0.2653
poker10%			0.6092	0.0782	0.1987	0.2521	0.2329
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9551	0.0449	0.7139	0.3364	0.3581
polish-5th			0.9475	0.0525	0.7581	0.4829	0.4456
polya			0.7168	0.2832	0.6732	0.3025	0.7361
popularity			0.6656	0.2230	0.4165	0.2226	0.4711
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9923	0.0031	0.9922	0.9904	0.0225
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6294	0.2353	0.8487
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4848	0.0468	0.2417	0.4180	0.2152
processed			0.9949	0.0051	0.9942	0.9883	0.0300
profb			0.7463	0.2537	0.7091	0.4180	0.7815
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9957	0.0017	0.9923	0.9942	0.0142
puc-rio10%			0.9916	0.0034	0.9849	0.9887	0.0253
pufs-128			0.5012	0.4988	0.5014	0.0025	0.9596
pufs-1281%			0.4912	0.5088	0.4905	-0.0175	0.9805
pufs-12810%			0.5000	0.5000	0.5001	0.0001	0.9728
pufs-64			0.5014	0.4986	0.5015	0.0027	0.9712
pufs-641%			0.5083	0.4917	0.5088	0.0164	0.9691
pufs-6410%			0.5044	0.4956	0.5047	0.0086	0.9720
pulsar			0.9824	0.0176	0.9458	0.8886	0.1431
raisin			0.9000	0.1000	0.9025	0.8000	0.4045
rcv1			0.2423	0.0413	0.0179	-0.0100	0.2776
rcv11%			0.2537	0.0282	0.0623	0.0180	0.2923
rcv110%			0.2493	0.0283	0.0964	0.0090	0.3118
re0-wc			0.6867	0.0482	0.7073	0.5661	0.3656
re1-wc			0.6024	0.0318	0.6396	0.5348	0.1618
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.5084	0.0151	0.2447	0.1544	0.1763
rice			0.9863	0.0137	0.9861	0.9722	0.0959
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6546	0.3454	0.6360	0.2703	0.8811
RT_IOT2022			0.9930	0.0012	0.9680	0.9825	0.0077
satimage			0.9005	0.0332	0.8842	0.8768	0.1554
satimageF			0.9922	0.0078	0.9801	0.9602	0.1342
satimageT			0.9378	0.0622	0.8044	0.5768	0.3875
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5294	0.4706	0.5315	0.0588	0.9560
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.6294	0.3706	0.7147	0.3067	0.5281
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9654	0.0099	0.9689	0.9595	0.0491
segmentation			0.8119	0.1881	0.8089	0.6093	0.6348
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8658	0.1342	0.5503	0.0232	0.4453
sens-10-gram			0.8688	0.1312	0.6138	0.0853	0.4354
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8711	0.1289	0.6156	0.1116	0.4810
sens-4-gram			0.8605	0.1395	0.5435	0.0391	0.5724
sens-5-gram			0.8737	0.1263	0.6323	0.1412	0.4751
sens-6-gram			0.8632	0.1368	0.5313	0.0179	0.4988

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8658	0.1342	0.5807	0.0754	0.5299
sens-8-gram			0.8658	0.1342	0.5895	0.0994	0.5596
sens-9-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sensorless			0.9990	0.0002	0.9990	0.9989	0.0023
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8994	0.1006	0.7901	0.5719	0.5471
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9708	0.0292	0.8705	0.7038	0.0927
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9997	0.0003	0.9995	0.9990	0.0081
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming			0.2600	0.3700	0.2783	0.0022	0.4998
smk_can_187			0.6316	0.3684	0.6292	0.2570	0.8973
smoking			0.6982	0.3019	0.7530	0.4373	0.6117
soil_pollution			0.2133	0.3147	0.2130	0.0152	0.8568
solar-flare			0.7842	0.0719	0.7355	0.7233	0.1873
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9550	0.0450	0.8576	0.7124	0.4146
spambase			0.9457	0.0543	0.9431	0.8854	0.2754
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.9429	0.0571	0.9304	0.8511	0.1808
spectrometer			0.6604	0.0142	0.3119	0.6405	0.0894
splice-EI			0.9748	0.0252	0.9666	0.9331	0.1912
splice-IE			0.9495	0.0505	0.9317	0.8628	0.3352
sport-articles			0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9001	0.0666	0.8736	0.8376	0.2282
steel-b			0.8872	0.1128	0.8173	0.6194	0.4969
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8205	0.1795	0.7969	0.5865	0.6239
steel-p			0.9385	0.0615	0.7734	0.5390	0.5226
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9795	0.0205	0.9450	0.8886	0.3044
stellar			0.9606	0.0263	0.9545	0.9291	0.1137
stock			0.8333	0.1667	0.6481	0.1955	0.5543
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.9860	0.0140	0.9859	0.9717	0.1016
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6250	0.1500	0.3413	0.3789	0.4223
student-depression			0.8093	0.1907	0.8018	0.5984	0.6369
student-habits			0.3800	0.2480	0.1770	0.0077	0.4581
student-weekend			0.4154	0.2338	0.2920	0.1880	0.6522
student-workday			0.7031	0.1187	0.2633	0.1118	0.3279
studentap			0.6154	0.2564	0.6426	0.3868	0.5042
susy			0.7805	0.2195	0.7812	0.5503	0.6657
susy1%			0.8050	0.1950	0.8043	0.6026	0.6373
susy10%			0.8010	0.1990	0.8004	0.5942	0.6435
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn			0.8892	0.1108	0.8532	0.7028	0.4930
texture			0.9800	0.0036	0.9813	0.9779	0.0297

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8723	0.1277	0.7093	0.2210	0.2680
thrombin			0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8714	0.1286	0.8176	0.6259	0.5376
tis10%			0.7537	0.2463	0.6314	0.2528	0.8027
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4545	0.6364	0.0779
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.8235	0.1765	0.8152	0.5641	0.3671
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6800	0.3200	0.4505	-0.0830	0.9027
trec11-wc			0.7317	0.0596	0.6293	0.6594	0.2417
trec12-wc			0.8710	0.0323	0.9082	0.8412	0.0862
trec21-wc			0.9091	0.0303	0.6137	0.7876	0.0734
trec23-wc			0.9048	0.0317	0.9225	0.8688	0.1244
trec31-wc			0.9892	0.0031	0.8307	0.9858	0.0515
trec41-wc			0.9545	0.0091	0.9358	0.9444	0.0578
trec45-wc			0.9565	0.0087	0.8554	0.9492	0.0298
tuandromd			0.9865	0.0135	0.9791	0.9582	0.1317
turkish			0.8250	0.0875	0.8249	0.7667	0.2373
tvnews			0.9062	0.0938	0.8980	0.7935	0.4060
tvnews1%			0.9231	0.0769	0.9197	0.8377	0.3761
tvnews10%			0.8998	0.1002	0.8914	0.7822	0.4407
ur3_cobotops_grip			0.9755	0.0245	0.7604	0.4282	0.2319
ur3_cobotops_stop			0.9782	0.0218	0.8235	0.6257	0.3260
urban			0.8209	0.0398	0.8131	0.7885	0.1501
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%			0.9695	0.0305	0.9671	0.9329	0.2042
ustilago			0.9903	0.0097	0.6671	0.0066	0.0374
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7738	0.1131	0.7302	0.6939	0.1880
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.7475	0.0459	0.7584	0.7222	0.1540
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9097	0.0903	0.6461	0.0150	0.2184
wap-wc			0.4551	0.0545	0.4575	0.3420	0.2309
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.9999	0.0000	0.9999	0.9999	0.0003
watch-acc1%			0.9825	0.0050	0.9822	0.9795	0.0340
watch-acc10%			0.9989	0.0003	0.9989	0.9987	0.0035
watch-gyr			1.0000	0.0000	1.0000	1.0000	0.0002
watch-gyr1%			0.9850	0.0043	0.9846	0.9825	0.0296
watch-gyr10%			0.9991	0.0003	0.9991	0.9990	0.0027
water_pollution			0.2600	0.3700	0.2590	0.0114	0.8467
waveform			0.8360	0.1093	0.8362	0.7540	0.3753
weather-related			0.5635	0.0794	0.4740	0.4802	0.2050
web-phishing			0.8667	0.0889	0.8196	0.7628	0.3860
Weekly			0.9537	0.0463	0.9547	0.9053	0.1858
weight-lift			0.7475	0.1010	0.8001	0.6829	0.1949
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9855	0.0145	0.9195	0.8369	0.2405
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.7107	0.0964	0.3506	0.5232	0.2917
winequality-white			0.6585	0.0976	0.3562	0.4616	0.3612
winnipeg			0.9967	0.0010	0.9918	0.9958	0.0147
winnipeg10%			0.9929	0.0020	0.9943	0.9911	0.0161
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.7500	0.0333	0.7318	0.7322	0.0613
yeast			0.6014	0.0797	0.4365	0.4840	0.3157
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9462	0.0108	0.9408	0.9398	0.0840

Table 47: Detailed results for ExtraTrees(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1391	0.0594	0.1163	0.0637	0.5747
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9856	0.0144	0.7378	0.3893	0.2716
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.8889	0.1111	0.7333	0.3010	0.2451
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.9883	0.0117	0.7352	0.2828	0.0436
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.9108	0.0892	0.8743	0.7397	0.3967
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.9048	0.0381	0.7994	0.7862	0.1110
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9535	0.0465	0.9491	0.8964	0.2299
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9875	0.0063	0.9518	0.9761	0.0329
anuran-genus		0.9889	0.0028	0.9654	0.9817	0.0554
anuran-species		0.9889	0.0022	0.9808	0.9845	0.0132
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.8444	0.0239	0.5558	0.7512	0.1348

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.5217	0.0399	0.1634	0.4536	0.0830
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9500	0.0167	0.7933	0.9340	0.0386
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.7903	0.1398	0.5871	0.6446	0.3681
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8936	0.7752	0.3591
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8857	0.1143	0.8803	0.7600	0.4858
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0003	0.0689	0.0041	0.0003	0.1160
bitcoin10%		0.0032	0.0687	0.0002	0.0000	0.0124
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.6429	0.3571	0.5625	0.1250	0.8994
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9943	0.0029	0.9788	0.9876	0.0082
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.9130	0.0870	0.9107	0.8198	0.3843
cardiotocography		0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp		0.9624	0.0250	0.9213	0.8942	0.1349
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.9000	0.0667	0.8835	0.8210	0.2076
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.8046	0.1954	0.8051	0.6089	0.6529
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.8083	0.1917	0.8111	0.6178	0.6355

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7927	0.2073	0.7820	0.5606	0.6860
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9656	0.0344	0.7634	0.5112	0.4665
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.6410	0.2148	0.4795
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9994	0.0006	0.9090	0.7997	0.4644
chrom1910%		0.9994	0.0006	0.8610	0.7219	0.3974
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.9738	0.0262	0.9462	0.8865	0.0914
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.5180	0.5070	0.3634
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8148	0.0926	0.6619	0.7113	0.4076
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7931	0.2069	0.7632	0.5193	0.6844
colposcopies-2		0.7586	0.2414	0.7403	0.4377	0.6462
colposcopies-3		0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.8065	0.1290	0.7333	0.6810	0.2682
connect-4		0.9808	0.0128	0.5777	0.4424	0.3252
cottonmeloidogyne		0.7740	0.2260	0.7752	0.5484	0.7047
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.9248	0.0215	0.8788	0.8783	0.1896
covtypeCD		0.9965	0.0035	0.9926	0.9851	0.0325

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9888	0.0112	0.9563	0.9124	0.1834
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced		0.9530	0.0157	0.8798	0.9026	0.1018
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.7812	0.0109	0.5990	0.7744	0.0310
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.6296	0.3704	0.6181	0.2241	0.8800
cylinder-bands		0.8333	0.1667	0.8289	0.6573	0.6005
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8976	0.1024	0.7427	0.4845	0.6273
depressed		0.8392	0.1608	0.6278	0.1151	0.4783
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5333	0.4074	0.2614
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.6999	0.5062	0.3065
DIA		0.8667	0.1333	0.8113	0.5897	0.4665
diabetes		1.0000	0.0000	1.0000	1.0000	0.0000
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5294	0.3137	0.3086	0.0177	0.4982
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5000	0.5000	0.3333	-0.1613	0.9442
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5650	0.4350	0.5596	0.1142	0.9435
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7630	0.1580	0.6907	0.6044	0.4662
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.1277	0.2492	0.0323	0.0000	0.3211
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.1223	0.2508	0.0311	0.0000	0.3189
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2181	0.2234	0.0512	0.0000	0.3777
drug-07		0.3617	0.2128	0.0885	0.0000	0.2699
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8723	0.0365	0.1960	0.0699	0.1044
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1596	0.1142	0.0000	0.2921
drug-17		0.1064	0.2553	0.0275	0.0000	0.3792
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9229	0.0220	0.9378	0.9067	0.1254
ecoli		0.8235	0.0441	0.5245	0.7536	0.1141
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2612	0.0123	0.8439
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.4822	0.0647	0.4980	0.4234	0.4932
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6712	0.1315	0.6586	0.5798	0.3605
euthyroid		0.9652	0.0348	0.8979	0.7944	0.3409
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9672	0.0328	0.9673	0.9341	0.1862
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.7647	0.2353	0.7621	0.5173	0.7107
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9038	0.0481	0.8919	0.8667	0.1055
gas		0.9978	0.0007	0.9979	0.9974	0.0050
gastrointestinal		0.9375	0.0417	0.9244	0.8954	0.0827
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.9432	0.0379	0.9360	0.9089	0.1698
german		0.7200	0.2800	0.6799	0.2689	0.6300
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9712	0.0288	0.9712	0.9424	0.1757
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8571	0.0476	0.8685	0.8067	0.1657
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP		0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8333	0.1667	0.8276	0.6543	0.6006
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.6667	0.1667	0.7019	0.5536	0.3918
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7667	0.2333	0.6902	0.3787	0.7748
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.9980	0.0008	0.9978	0.9974	0.0059
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.7055	0.2945	0.7038	0.4072	0.8144
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.1429	0.2143	0.1250	-0.0120	0.4198
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8786	0.1214	0.7556	0.4258	0.4041
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.5556	0.2963	0.3582	0.0828	0.3773
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9998	0.0001	0.9998	0.9997	0.0014
htru2		0.9754	0.0246	0.9240	0.8473	0.2768
hypothyroid		0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.7627	0.2373	0.6850	0.3537	0.7533
immuno-therapy		0.6667	0.3333	0.5950	0.1818	0.8134
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.8578	0.1422	0.6739	0.3073	0.6292
kc1-class-level-defectiveornot		0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect		0.6429	0.0298	0.0341	0.1139	0.1206
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8462	0.1538	0.7441	0.4680	0.6202
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9992	0.0001	0.8952	0.9986	0.0009
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.8902	0.0122	0.8957	0.8773	0.1461
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.4118	0.0294	0.1962	0.3901	0.0802
led24		0.6000	0.0800	0.6027	0.5531	0.1938
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9710	0.0022	0.9705	0.9698	0.0338
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8889	0.0148	0.9026	0.8807	0.0480
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8679	0.0264	0.4511	0.8158	0.0756
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6582	0.3077	0.8482
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.8923	0.1077	0.8925	0.7846	0.4521
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7396	0.2604	0.7488	0.4845	0.7281
marketing		0.9018	0.0982	0.7804	0.5399	0.5135
maternal		0.8416	0.1056	0.8439	0.7594	0.3619
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.6783	0.3217	0.6720	0.3439	0.8512
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8889	0.0556	0.9226	0.8475	0.1019
mfeat-fac		0.9650	0.0070	0.9658	0.9611	0.0416
mfeat-fou		0.8350	0.0330	0.8371	0.8167	0.1264
mfeat-kar		0.9800	0.0040	0.9806	0.9778	0.0251
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-zer		0.8300	0.0340	0.8271	0.8111	0.0892
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6176	0.1529	0.5936	0.5201	0.4129
mobile		0.9615	0.0014	0.9644	0.9608	0.0175
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9727	0.0273	0.9465	0.8885	0.1311
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7842	0.2158	0.7770	0.5536	0.6989
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.8501	0.1499	0.8475	0.6942	0.5653
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.8734	0.1266	0.8709	0.7417	0.5094
myocardial		0.8765	0.0309	0.2862	0.4246	0.1793
naticusdroid		0.9724	0.0276	0.9724	0.9448	0.1697
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.9190	0.0085	0.5581	0.7751	0.3372
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4583	0.3611	0.3622	0.0439	0.7943
nursery		0.9992	0.0003	0.7995	0.9989	0.0024
obesity		0.9763	0.0068	0.9757	0.9723	0.0359
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9947	0.0053	0.9925	0.9850	0.0643
Occupancy_Estimation		0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc		0.9505	0.0099	0.9546	0.9434	0.0507
oh10-wc		0.8286	0.0343	0.8320	0.8046	0.1462
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9298	0.0156	0.9215	0.9118	0.0396
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9190	0.0810	0.6744	0.1867	0.3341
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9698	0.0060	0.9716	0.9664	0.0438
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9368	0.0632	0.7246	0.2575	0.1626
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8454	0.1546	0.8256	0.6504	0.5924
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9817	0.0073	0.9249	0.8961	0.1329
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.9052	0.0948	0.8986	0.7957	0.4145
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.2806	0.7194	0.2191	0.0000	0.4674

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle10%			0.9269	0.0731	0.9090	0.8180	0.3871
pasture			0.5000	0.3333	0.5000	0.2000	0.3750
pc1			0.9189	0.0811	0.5907	0.1483	0.6102
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia			0.7941	0.0588	0.7244	0.7441	0.1659
pendigits			0.9964	0.0007	0.9962	0.9960	0.0072
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9400	0.0600	0.9319	0.8600	0.2695
phishing			0.9837	0.0163	0.9829	0.9656	0.1063
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.9357	0.0184	0.9310	0.9248	0.0797
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.9512	0.0139	0.9469	0.9429	0.0709
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9296	0.0704	0.9125	0.8246	0.3707
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7027	0.3824	0.7533
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.6316	0.3684	0.6292	0.2570	0.8973
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9630	0.0370	0.6489	0.1776	0.3520
polish-2nd			0.9528	0.0472	0.5588	0.0926	0.5749
polish-3rd			0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th			0.9510	0.0490	0.6933	0.3465	0.4986
polish-5th			0.9628	0.0372	0.8365	0.6382	0.2601
polya			0.8043	0.1957	0.7809	0.5517	0.6480
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.4444	0.3704	0.2051	-0.3636	0.5085
postures			0.9944	0.0023	0.9943	0.9930	0.0168
pred-tox_mutagen_ref-desc			0.7353	0.2647	0.7353	0.4706	0.7723
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2121	0.0716	0.1091	0.1471	0.2636
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7612	0.2388	0.7234	0.4457	0.7589
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9958	0.0017	0.9922	0.9943	0.0131
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8667	0.1333	0.8670	0.7333	0.5178
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.8933	0.0164	0.8923	0.8604	0.1077
re1-wc			0.8373	0.0130	0.6155	0.8125	0.0907

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6633	0.3367	0.6511	0.3021	0.8703
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9160	0.0280	0.9028	0.8962	0.1343
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9456	0.0544	0.8328	0.6447	0.3646
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9784	0.0062	0.9817	0.9747	0.0263
segmentation			0.8713	0.1287	0.8589	0.7177	0.5271
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9225	0.0775	0.5437	0.0628	0.6074
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8816	0.1184	0.6802	0.1842	0.3526
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9997	0.0001	0.9997	0.9996	0.0008
sepsis			0.9095	0.0905	0.6570	0.0031	0.2085
shoppers			0.9035	0.0965	0.8016	0.5978	0.5414
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9761	0.0239	0.8957	0.7784	0.1990
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9999	0.0001	0.9998	0.9996	0.0035
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1400	0.4300	0.1344	-0.1547	0.8916
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7626	0.0791	0.6306	0.6971	0.2298
sonar			0.7500	0.2500	0.7513	0.5000	0.7429
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9543	0.0457	0.9522	0.9041	0.2482
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer			0.7115	0.0214	0.6030	0.6944	0.0920
splice-EI			0.9748	0.0252	0.9669	0.9337	0.2013
splice-IE			0.9495	0.0505	0.9317	0.8628	0.3352
sport-articles			0.8500	0.1500	0.8383	0.6764	0.5756
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8974	0.1026	0.8369	0.6673	0.4931
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8359	0.1641	0.8182	0.6362	0.6135
steel-p			0.9231	0.0769	0.7077	0.4046	0.5933
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9795	0.0205	0.9450	0.8886	0.3044
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8819	0.1181	0.7920	0.5823	0.5926
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3500	0.2600	0.1636	-0.0185	0.5907
student-weekend			0.3538	0.2585	0.1828	0.0612	0.5814
student-workday			0.7188	0.1125	0.2655	0.0777	0.2017
studentap			0.5385	0.3077	0.5111	0.2909	0.5610
susy1%			0.7964	0.2036	0.7949	0.5860	0.6607
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6667	0.2222	0.6941	0.5000	0.4790
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9855	0.0026	0.9863	0.9840	0.0228
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7872	0.2128	0.4405	-0.0981	0.8198
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8433	0.1567	0.7751	0.4764	0.4318
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8824	0.0588	0.8875	0.8426	0.1448
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7647	0.2353	0.7310	0.4426	0.7072
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6533	0.3467	0.4855	-0.0285	0.9078
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.9462	0.0179	0.9436	0.9285	0.0877
trec41-wc			0.9432	0.0114	0.8297	0.9307	0.0623
trec45-wc			0.9420	0.0116	0.8572	0.9320	0.0426
tuandromd			0.9910	0.0090	0.9861	0.9722	0.0959
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9714	0.0286	0.7155	0.3874	0.4334
ur3_cobotops_stop			0.9741	0.0259	0.7853	0.5457	0.3878
urban			0.8507	0.0332	0.8468	0.8241	0.1302
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7738	0.1131	0.7351	0.6950	0.1991
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.7071	0.0533	0.7424	0.6778	0.1533
vowelZ			0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.9887	0.0032	0.9883	0.9868	0.0240
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.9900	0.0029	0.9899	0.9883	0.0225
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8520	0.0987	0.8535	0.7781	0.3358
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8667	0.0889	0.8309	0.7656	0.3841
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			1.0000	0.0000	1.0000	1.0000	0.0000
wilt			0.9896	0.0104	0.9442	0.8882	0.2208
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white			0.6994	0.0859	0.4185	0.5342	0.3642
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.9645	0.0071	0.9615	0.9602	0.0601

Table 48: Detailed results for ExtraTrees(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1391	0.0594	0.1163	0.0637	0.5747
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9856	0.0144	0.7378	0.3893	0.2716
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.8889	0.1111	0.7333	0.3010	0.2451
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.9883	0.0117	0.7352	0.2828	0.0436
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.9108	0.0892	0.8743	0.7397	0.3967
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.9048	0.0381	0.7994	0.7862	0.1110
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9535	0.0465	0.9491	0.8964	0.2299
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9875	0.0063	0.9518	0.9761	0.0329
anuran-genus		0.9889	0.0028	0.9654	0.9817	0.0554
anuran-species		0.9889	0.0022	0.9808	0.9845	0.0132
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.8444	0.0239	0.5558	0.7512	0.1348

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.5217	0.0399	0.1634	0.4536	0.0830
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9500	0.0167	0.7933	0.9340	0.0386
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.7903	0.1398	0.5871	0.6446	0.3681
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8936	0.7752	0.3591
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8857	0.1143	0.8803	0.7600	0.4858
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0003	0.0689	0.0041	0.0003	0.1160
bitcoin10%		0.0032	0.0687	0.0002	0.0000	0.0124
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.6429	0.3571	0.5625	0.1250	0.8994
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9943	0.0029	0.9788	0.9876	0.0082
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.9130	0.0870	0.9107	0.8198	0.3843
cardiotocography		0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp		0.9624	0.0250	0.9213	0.8942	0.1349
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.9000	0.0667	0.8835	0.8210	0.2076
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.8046	0.1954	0.8051	0.6089	0.6529
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.8083	0.1917	0.8111	0.6178	0.6355

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7927	0.2073	0.7820	0.5606	0.6860
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9656	0.0344	0.7634	0.5112	0.4665
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.6410	0.2148	0.4795
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9994	0.0006	0.9090	0.7997	0.4644
chrom1910%		0.9994	0.0006	0.8610	0.7219	0.3974
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.9738	0.0262	0.9462	0.8865	0.0914
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.5180	0.5070	0.3634
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8148	0.0926	0.6619	0.7113	0.4076
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7931	0.2069	0.7632	0.5193	0.6844
colposcopies-2		0.7586	0.2414	0.7403	0.4377	0.6462
colposcopies-3		0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.8065	0.1290	0.7333	0.6810	0.2682
connect-4		0.9808	0.0128	0.5777	0.4424	0.3252
cottonmeloidogyne		0.7740	0.2260	0.7752	0.5484	0.7047
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.9248	0.0215	0.8788	0.8783	0.1896
covtypeCD		0.9965	0.0035	0.9926	0.9851	0.0325

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9888	0.0112	0.9563	0.9124	0.1834
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced		0.9530	0.0157	0.8798	0.9026	0.1018
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.7812	0.0109	0.5990	0.7744	0.0310
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.6296	0.3704	0.6181	0.2241	0.8800
cylinder-bands		0.8333	0.1667	0.8289	0.6573	0.6005
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8976	0.1024	0.7427	0.4845	0.6273
depressed		0.8392	0.1608	0.6278	0.1151	0.4783
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5333	0.4074	0.2614
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.6999	0.5062	0.3065
DIA		0.8667	0.1333	0.8113	0.5897	0.4665
diabetes		1.0000	0.0000	1.0000	1.0000	0.0000
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5294	0.3137	0.3086	0.0177	0.4982
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5000	0.5000	0.3333	-0.1613	0.9442
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5650	0.4350	0.5596	0.1142	0.9435
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7630	0.1580	0.6907	0.6044	0.4662
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.1277	0.2492	0.0323	0.0000	0.3211
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.1223	0.2508	0.0311	0.0000	0.3189
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2181	0.2234	0.0512	0.0000	0.3777
drug-07		0.3617	0.2128	0.0885	0.0000	0.2699
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8723	0.0365	0.1960	0.0699	0.1044
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1596	0.1142	0.0000	0.2921
drug-17		0.1064	0.2553	0.0275	0.0000	0.3792
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9229	0.0220	0.9378	0.9067	0.1254
ecoli		0.8235	0.0441	0.5245	0.7536	0.1141
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2612	0.0123	0.8439
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.4822	0.0647	0.4980	0.4234	0.4932
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6712	0.1315	0.6586	0.5798	0.3605
euthyroid		0.9652	0.0348	0.8979	0.7944	0.3409
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9672	0.0328	0.9673	0.9341	0.1862
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.7647	0.2353	0.7621	0.5173	0.7107
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9038	0.0481	0.8919	0.8667	0.1055
gas		0.9978	0.0007	0.9979	0.9974	0.0050
gastrointestinal		0.9375	0.0417	0.9244	0.8954	0.0827
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.9432	0.0379	0.9360	0.9089	0.1698
german		0.7200	0.2800	0.6799	0.2689	0.6300
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9712	0.0288	0.9712	0.9424	0.1757
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8571	0.0476	0.8685	0.8067	0.1657
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP		0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8333	0.1667	0.8276	0.6543	0.6006
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.6667	0.1667	0.7019	0.5536	0.3918
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7667	0.2333	0.6902	0.3787	0.7748
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.9980	0.0008	0.9978	0.9974	0.0059
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.7055	0.2945	0.7038	0.4072	0.8144
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.1429	0.2143	0.1250	-0.0120	0.4198
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8786	0.1214	0.7556	0.4258	0.4041
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.5556	0.2963	0.3582	0.0828	0.3773
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9998	0.0001	0.9998	0.9997	0.0014
htru2		0.9754	0.0246	0.9240	0.8473	0.2768
hypothyroid		0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.7627	0.2373	0.6850	0.3537	0.7533
immuno-therapy		0.6667	0.3333	0.5950	0.1818	0.8134
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.8578	0.1422	0.6739	0.3073	0.6292
kc1-class-level-defectiveornot		0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect		0.6429	0.0298	0.0341	0.1139	0.1206
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8462	0.1538	0.7441	0.4680	0.6202
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9992	0.0001	0.8952	0.9986	0.0009
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.8902	0.0122	0.8957	0.8773	0.1461
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.4118	0.0294	0.1962	0.3901	0.0802
led24		0.6000	0.0800	0.6027	0.5531	0.1938
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9710	0.0022	0.9705	0.9698	0.0338
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8889	0.0148	0.9026	0.8807	0.0480
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8679	0.0264	0.4511	0.8158	0.0756
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6582	0.3077	0.8482
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.8923	0.1077	0.8925	0.7846	0.4521
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7396	0.2604	0.7488	0.4845	0.7281
marketing		0.9018	0.0982	0.7804	0.5399	0.5135
maternal		0.8416	0.1056	0.8439	0.7594	0.3619
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.6783	0.3217	0.6720	0.3439	0.8512
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8889	0.0556	0.9226	0.8475	0.1019
mfeat-fac		0.9650	0.0070	0.9658	0.9611	0.0416
mfeat-fou		0.8350	0.0330	0.8371	0.8167	0.1264
mfeat-kar		0.9800	0.0040	0.9806	0.9778	0.0251
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-zer		0.8300	0.0340	0.8271	0.8111	0.0892
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6176	0.1529	0.5936	0.5201	0.4129
mobile		0.9615	0.0014	0.9644	0.9608	0.0175
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9727	0.0273	0.9465	0.8885	0.1311
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7842	0.2158	0.7770	0.5536	0.6989
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.8501	0.1499	0.8475	0.6942	0.5653
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.8734	0.1266	0.8709	0.7417	0.5094
myocardial		0.8765	0.0309	0.2862	0.4246	0.1793
naticusdroid		0.9724	0.0276	0.9724	0.9448	0.1697
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.9190	0.0085	0.5581	0.7751	0.3372
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4583	0.3611	0.3622	0.0439	0.7943
nursery		0.9992	0.0003	0.7995	0.9989	0.0024
obesity		0.9763	0.0068	0.9757	0.9723	0.0359
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9947	0.0053	0.9925	0.9850	0.0643
Occupancy_Estimation		0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc		0.9505	0.0099	0.9546	0.9434	0.0507
oh10-wc		0.8286	0.0343	0.8320	0.8046	0.1462
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9298	0.0156	0.9215	0.9118	0.0396
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9190	0.0810	0.6744	0.1867	0.3341
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9698	0.0060	0.9716	0.9664	0.0438
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9368	0.0632	0.7246	0.2575	0.1626
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8454	0.1546	0.8256	0.6504	0.5924
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9817	0.0073	0.9249	0.8961	0.1329
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.9052	0.0948	0.8986	0.7957	0.4145
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.2806	0.7194	0.2191	0.0000	0.4674

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle10%			0.9269	0.0731	0.9090	0.8180	0.3871
pasture			0.5000	0.3333	0.5000	0.2000	0.3750
pc1			0.9189	0.0811	0.5907	0.1483	0.6102
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia			0.7941	0.0588	0.7244	0.7441	0.1659
pendigits			0.9964	0.0007	0.9962	0.9960	0.0072
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9400	0.0600	0.9319	0.8600	0.2695
phishing			0.9837	0.0163	0.9829	0.9656	0.1063
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.9357	0.0184	0.9310	0.9248	0.0797
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.9512	0.0139	0.9469	0.9429	0.0709
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9296	0.0704	0.9125	0.8246	0.3707
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7027	0.3824	0.7533
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.6316	0.3684	0.6292	0.2570	0.8973
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9630	0.0370	0.6489	0.1776	0.3520
polish-2nd			0.9528	0.0472	0.5588	0.0926	0.5749
polish-3rd			0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th			0.9510	0.0490	0.6933	0.3465	0.4986
polish-5th			0.9628	0.0372	0.8365	0.6382	0.2601
polya			0.8043	0.1957	0.7809	0.5517	0.6480
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.4444	0.3704	0.2051	-0.3636	0.5085
postures			0.9944	0.0023	0.9943	0.9930	0.0168
pred-tox_mutagen_ref-desc			0.7353	0.2647	0.7353	0.4706	0.7723
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2121	0.0716	0.1091	0.1471	0.2636
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7612	0.2388	0.7234	0.4457	0.7589
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9958	0.0017	0.9922	0.9943	0.0131
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8667	0.1333	0.8670	0.7333	0.5178
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.8933	0.0164	0.8923	0.8604	0.1077
re1-wc			0.8373	0.0130	0.6155	0.8125	0.0907

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6633	0.3367	0.6511	0.3021	0.8703
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9160	0.0280	0.9028	0.8962	0.1343
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9456	0.0544	0.8328	0.6447	0.3646
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9784	0.0062	0.9817	0.9747	0.0263
segmentation			0.8713	0.1287	0.8589	0.7177	0.5271
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9225	0.0775	0.5437	0.0628	0.6074
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8816	0.1184	0.6802	0.1842	0.3526
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9997	0.0001	0.9997	0.9996	0.0008
sepsis			0.9095	0.0905	0.6570	0.0031	0.2085
shoppers			0.9035	0.0965	0.8016	0.5978	0.5414
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9761	0.0239	0.8957	0.7784	0.1990
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9999	0.0001	0.9998	0.9996	0.0035
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1400	0.4300	0.1344	-0.1547	0.8916
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7626	0.0791	0.6306	0.6971	0.2298
sonar			0.7500	0.2500	0.7513	0.5000	0.7429
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9543	0.0457	0.9522	0.9041	0.2482
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer			0.7115	0.0214	0.6030	0.6944	0.0920
splice-EI			0.9748	0.0252	0.9669	0.9337	0.2013
splice-IE			0.9495	0.0505	0.9317	0.8628	0.3352
sport-articles			0.8500	0.1500	0.8383	0.6764	0.5756
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8974	0.1026	0.8369	0.6673	0.4931
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8359	0.1641	0.8182	0.6362	0.6135
steel-p			0.9231	0.0769	0.7077	0.4046	0.5933
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9795	0.0205	0.9450	0.8886	0.3044
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8819	0.1181	0.7920	0.5823	0.5926
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3500	0.2600	0.1636	-0.0185	0.5907
student-weekend			0.3538	0.2585	0.1828	0.0612	0.5814
student-workday			0.7188	0.1125	0.2655	0.0777	0.2017
studentap			0.5385	0.3077	0.5111	0.2909	0.5610
susy1%			0.7964	0.2036	0.7949	0.5860	0.6607
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6667	0.2222	0.6941	0.5000	0.4790
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9855	0.0026	0.9863	0.9840	0.0228
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7872	0.2128	0.4405	-0.0981	0.8198
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8433	0.1567	0.7751	0.4764	0.4318
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8824	0.0588	0.8875	0.8426	0.1448
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7647	0.2353	0.7310	0.4426	0.7072
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6533	0.3467	0.4855	-0.0285	0.9078
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.9462	0.0179	0.9436	0.9285	0.0877
trec41-wc			0.9432	0.0114	0.8297	0.9307	0.0623
trec45-wc			0.9420	0.0116	0.8572	0.9320	0.0426
tuandromd			0.9910	0.0090	0.9861	0.9722	0.0959
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9714	0.0286	0.7155	0.3874	0.4334
ur3_cobotops_stop			0.9741	0.0259	0.7853	0.5457	0.3878
urban			0.8507	0.0332	0.8468	0.8241	0.1302
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7738	0.1131	0.7351	0.6950	0.1991
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.7071	0.0533	0.7424	0.6778	0.1533
vowelZ			0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.9887	0.0032	0.9883	0.9868	0.0240
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.9900	0.0029	0.9899	0.9883	0.0225
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8520	0.0987	0.8535	0.7781	0.3358
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8667	0.0889	0.8309	0.7656	0.3841
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			1.0000	0.0000	1.0000	1.0000	0.0000
wilt			0.9896	0.0104	0.9442	0.8882	0.2208
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white			0.6994	0.0859	0.4185	0.5342	0.3642
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.9645	0.0071	0.9615	0.9602	0.0601

Table 49: Detailed results for FDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1783	0.0783	0.1751	0.1054	0.5378
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9800	0.0200	0.4949	-0.0039	0.4104
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8501	0.1499	0.7753	0.5322	0.5850
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9650	0.0350	0.4911	-0.0171	0.4931
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8873	0.1127	0.8423	0.6823	0.5199
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7238	0.1105	0.2884	0.2232	0.1959
all-aml		0.8333	0.1667	0.8537	0.6667	0.4644
alzheimers		0.9349	0.0651	0.9283	0.8558	0.3237
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family		0.9374	0.0313	0.8720	0.8814	0.2266
anuran-genus		0.8985	0.0254	0.7435	0.8354	0.2975
anuran-species		0.9278	0.0144	0.8180	0.8994	0.1374
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.7600	0.2400	0.7603	0.5200	0.7323
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia		0.7556	0.0489	0.6275	0.5902	0.2130
auction		0.9608	0.0392	0.9076	0.8113	0.2895
audiology		0.9545	0.0083	0.9735	0.9471	0.0293
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8000	0.0800	0.8136	0.7333	0.1680
avila		0.5448	0.0759	0.4265	0.3417	0.3997
babies		0.5000	0.1429	0.1950	0.2129	0.3856
balance		0.8710	0.0860	0.6005	0.7571	0.2402
bank		0.9075	0.0925	0.7654	0.5307	0.6056
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8756	0.1244	0.8654	0.7156	0.4345
basehock		0.8995	0.1005	0.9063	0.7992	0.3497
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8952	0.1048	0.8885	0.7768	0.4558
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6478	0.1761	0.6556	0.5303	0.4750
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8571	0.1429	0.8169	0.6216	0.5439
breast-cancer-co		1.0000	0.0000	1.0000	1.0000	0.0000
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.5455	0.1515	0.4706	0.4444	0.1952
bridges		0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8621	0.0690	0.6479	0.7174	0.3293
car-insurance		0.8430	0.1570	0.8131	0.6241	0.6032
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.8122	0.0376	0.7969	0.7769	0.2155
cardiotocography-nsp		0.8732	0.0845	0.7939	0.6629	0.4314
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6502	0.5274	0.5391
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.6800	0.3200	0.6774	0.3547	0.8472
cas_N6512_RDkit_AtomPair_FP		0.7132	0.2868	0.7106	0.4207	0.8040
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.6892	0.3108	0.6880	0.3760	0.8349
cas_N6512_rdkit_FEATMORGAN		0.7035	0.2965	0.7011	0.4021	0.8177
cas_N6512_RDkit_Featmorgan_FP		0.7331	0.2669	0.7321	0.4641	0.7759
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7527	0.2473	0.7506	0.4978	0.7390
cas_N6512_RDkit_MACCS_FP		0.7531	0.2469	0.7524	0.5045	0.7452
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7772	0.2228	0.7536	0.5069	0.7255
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9070	0.0930	0.5753	0.1506	0.6606
cervical-H		0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9997	0.0003	0.9091	0.8110	0.1587
chrom191%		0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%		0.9990	0.0010	0.7701	0.5400	0.4989
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9337	0.0663	0.7096	0.3282	0.3984
churn		0.8470	0.1530	0.7400	0.4656	0.6383
churn-bigml		0.8876	0.1124	0.7523	0.4960	0.6016
ci900367j_MACCS		0.7368	0.2632	0.7124	0.4189	0.7746
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7857	0.1429	0.5427	0.5635	0.3923
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7611	0.1194	0.5128	0.6204	0.3646
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.7500	0.1667	0.7856	0.5814	0.3402
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5510	0.2993	0.5215	0.2973	0.6994
cnae-9		0.7222	0.0617	0.8010	0.6875	0.1919
codon_usage		0.6938	0.0557	0.4653	0.6248	0.4061
coil20		0.8542	0.0146	0.8451	0.8465	0.0755
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6552	0.3448	0.6009	0.1989	0.8928
colposcopies-2		0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3		0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4		0.6552	0.3448	0.5330	0.0645	0.9084
colposcopies-5		0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6		0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7543	0.6895	0.2733
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7260	0.2740	0.7259	0.4518	0.7858
coupon		0.6948	0.3052	0.6856	0.3694	0.8296

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9473	0.0527	0.8826	0.7614	0.3685
covtypeT		0.9506	0.0494	0.8214	0.6413	0.5319
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8737	0.0421	0.7087	0.7390	0.4032
cryotherapy		0.8889	0.1111	0.8953	0.7692	0.3145
cultivars		0.0312	0.0484	0.0250	0.0255	0.1917
customer-churn		0.9558	0.0442	0.6891	0.3327	0.5243
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands		0.7778	0.2222	0.7709	0.5352	0.6921
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.6154	0.3846	0.3810	-0.1404	0.4667
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8273	0.1727	0.7182	0.4107	0.6512
defect		0.9537	0.0463	0.9104	0.8089	0.2051
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8929	0.1071	0.7299	0.4588	0.6402
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9189	0.0270	0.9249	0.8991	0.0971
desharnais		0.8750	0.0833	0.8333	0.7714	0.0991
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.7500	0.1667	0.7711	0.6049	0.2540
DIA		0.7667	0.2333	0.6384	0.2432	0.7461
diabetes		0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7555	0.0978	0.7412	0.6516	0.3351
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5833	0.4167	0.6000	0.1892	0.8935
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5340	0.4660	0.5371	0.0732	0.9710
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7427	0.1716	0.6741	0.5722	0.4943
drug-01		0.4574	0.1550	0.3604	0.1458	0.4072
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6862	0.0897	0.1166	0.0059	0.3116
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.3346	0.2923	0.4818
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5372	0.1322	0.1172	-0.0011	0.3564
drug-09		0.8617	0.0461	0.1547	0.0271	0.2638
drug-10		0.5585	0.1261	0.1744	0.1662	0.4022

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6223	0.1079	0.1791	0.2792	0.3388
drug-14		0.5798	0.1201	0.2609	0.2670	0.5774
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.6011	0.1140	0.2712	0.3389	0.4700
drug-17		0.3723	0.1793	0.1710	0.1285	0.5014
drug-18		0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9184	0.0233	0.9325	0.9013	0.1260
ecoli		0.8824	0.0392	0.8696	0.8361	0.1316
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6689	0.3311	0.6620	0.3178	0.8503
eeg10%		0.3249	0.0844	0.2990	0.2559	0.6857
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6575	0.1370	0.6255	0.5574	0.3940
euthyroid		0.9652	0.0348	0.9098	0.8165	0.4062
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.6016	0.0469	0.4880	0.5516	0.2940
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.8235	0.1765	0.8250	0.6366	0.5710
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.8846	0.0577	0.8750	0.8402	0.1464
gas		0.9425	0.0192	0.9429	0.9303	0.1021
gastrointestinal		0.7500	0.1667	0.5623	0.5616	0.2839
gender		0.6168	0.2554	0.4867	0.1796	0.5305
gene		0.9022	0.0652	0.8917	0.8453	0.2565
german		0.7200	0.2800	0.6713	0.3120	0.7636
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8876	0.1124	0.8878	0.7753	0.4656
gisette		0.9357	0.0643	0.9360	0.8714	0.3142
glass		0.7143	0.0952	0.7157	0.5962	0.2170
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8623	0.6885	0.4011
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4000	0.3000	0.4062	0.1818	0.5179
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.6667	0.3333	0.5739	0.1477	0.8809
hapt		0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har		0.6779	0.1288	0.6810	0.5936	0.4281
har70		0.8367	0.0467	0.4968	0.7625	0.2071
har701%		0.8398	0.0458	0.4984	0.7678	0.2977
har7010%		0.8432	0.0448	0.5363	0.7718	0.1959
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.7655	0.0391	0.3767	0.6737	0.2530
harth10%		0.7672	0.0388	0.4117	0.6761	0.2727
hayes-roth		0.6250	0.2500	0.4676	0.3766	0.3833
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7600	0.1200	0.2159	-0.0101	0.3656
heart		0.9630	0.0370	0.9635	0.9244	0.1967
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure		0.9000	0.1000	0.8821	0.7630	0.4506
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8333	0.1667	0.8338	0.6665	0.5933
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.7009	0.2991	0.6993	0.3985	0.8206
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.2500	0.0888	0.3443
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8988	0.1012	0.8156	0.6304	0.5554
hiva		0.9645	0.0355	0.6587	0.2709	0.4898
horse		0.6389	0.2407	0.5833	0.3527	0.5872
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.6821	0.2119	0.6872	0.5245	0.5352
htru2		0.9793	0.0207	0.9354	0.8682	0.1975
hypothyroid		0.9682	0.0159	0.6834	0.8349	0.2395
hypothyroidT		0.9894	0.0106	0.9660	0.9297	0.2551
ilpd		0.6780	0.3220	0.5393	0.0682	0.8756
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
instagram		0.9380	0.0310	0.9410	0.9173	0.1030
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.6496	0.0270	0.6579	0.6355	0.2502
jm1		0.8127	0.1873	0.6375	0.2387	0.7033
jvowels		0.9096	0.0201	0.9046	0.8977	0.1379
kc1		0.8389	0.1611	0.6478	0.2832	0.7176
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6935	0.3863	0.7537
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kepler		0.8619	0.0921	0.8145	0.7717	0.2467
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3415	0.0732	0.3455	0.2596	0.5682
krvskp		0.9310	0.0690	0.9310	0.8618	0.3354
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7647	0.0205	0.7849	0.7538	0.0582
led24		0.6000	0.0889	0.6377	0.5455	0.2261
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.6630	0.0259	0.6734	0.6495	0.3018
leukemia		0.7143	0.1905	0.7778	0.5882	0.2985
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8333	0.0222	0.8357	0.8215	0.0644
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9508	0.0492	0.9477	0.8954	0.2740
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.4842	0.0938	0.2534	0.3440	0.6106
lrs		0.8302	0.0485	0.5540	0.7666	0.1464
lung		0.8571	0.0571	0.8272	0.7136	0.2174
lung_discrete		0.8750	0.0500	0.9000	0.8431	0.0660
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.8456	0.6147	0.3285
lymphoma2		0.7778	0.0741	0.6496	0.6842	0.0899
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.6115	0.3885	0.6121	0.2231	0.9152
magic04		0.8501	0.1499	0.8321	0.6578	0.5545
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8795	0.1205	0.7241	0.4268	0.6036
maternal		0.6733	0.2178	0.6755	0.4959	0.4858
math		0.8750	0.0625	0.8256	0.8054	0.1906
mba		0.8210	0.1194	0.3957	0.1672	0.3913
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.7652	0.2348	0.7617	0.5234	0.7288
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9148	0.9221	0.0473
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.9150	0.0170	0.9174	0.9056	0.0957
mfeat-fou		0.7500	0.0500	0.7495	0.7222	0.2116
mfeat-kar		0.8850	0.0230	0.8888	0.8722	0.1186
mfeat-mor		0.7200	0.0560	0.7223	0.6889	0.1983
mfeat-pix		0.8350	0.0330	0.8408	0.8167	0.1816
mfeat-zer		0.7550	0.0490	0.7653	0.7278	0.2029
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9151	0.0566	0.9006	0.8685	0.1500
mines		0.5000	0.2000	0.4722	0.3765	0.3764
mobile		0.6818	0.0114	0.7038	0.6760	0.1366
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4672	0.0969	0.4812	0.3636	0.5383
musk		0.9136	0.0864	0.8171	0.6046	0.4066
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7218	0.2782	0.7129	0.4256	0.7974
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.7398	0.2602	0.7289	0.4545	0.7660
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.7641	0.2359	0.7556	0.5105	0.7327
MUT_ci300400a_rdkit_descriptors		0.7594	0.2406	0.7533	0.5065	0.7399
myocardial		0.8706	0.0324	0.2414	0.2917	0.1026
naticusdroid		0.9427	0.0573	0.9433	0.8854	0.2833
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.3333	0.2222	0.2500	0.2000	0.3026
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8539	0.0154	0.3441	0.6320	0.7091
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6655	0.3345	0.6630	0.3253	0.8629
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5139	0.3241	0.2263	-0.0223	0.4554
nursery		0.9059	0.0471	0.8192	0.8607	0.1365
obesity		0.8863	0.0325	0.8860	0.8671	0.1379
obs		0.8611	0.0694	0.8985	0.7924	0.1860
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9891	0.0054	0.9628	0.9668	0.0209
oh0-wc		0.8020	0.0396	0.8419	0.7696	0.1311
oh10-wc		0.6286	0.0743	0.7071	0.5732	0.2700
oh15-wc		0.6413	0.0717	0.7052	0.5822	0.2585
oh5-wc		0.6374	0.0725	0.7294	0.5887	0.2411
olive		0.9123	0.0195	0.8947	0.8918	0.0811
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9190	0.0810	0.7211	0.4355	0.5995
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.8292	0.0342	0.8297	0.8101	0.2022
optdigitsZ		0.9911	0.0089	0.9723	0.9446	0.1384
orl		0.6750	0.0163	0.6365	0.6667	0.0614
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9565	0.0435	0.6657	0.3305	0.5972
ozone8hr		0.9249	0.0751	0.6673	0.3090	0.5867
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8608	0.1392	0.8483	0.6956	0.5596
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8175	0.1825	0.8200	0.6360	0.6183
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9543	0.0183	0.6619	0.7579	0.4414
parkinson		0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons		0.9147	0.0853	0.9099	0.8133	0.3435

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons-small			0.8421	0.1579	0.8508	0.6587	0.4882
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.9115	0.0885	0.8904	0.7808	0.4429
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.8919	0.1081	0.5959	0.1917	0.6792
pcmac			0.5876	0.4124	0.5435	0.0262	0.6698
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia			0.8235	0.0504	0.8525	0.7866	0.1697
pendigits			0.8808	0.0238	0.8840	0.8675	0.1372
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.8105	0.1895	0.7944	0.5853	0.6484
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9450	0.0550	0.9376	0.8722	0.2569
phishing			0.9347	0.0653	0.9313	0.8625	0.3272
PhiUSIIL10%			0.9970	0.0030	0.9970	0.9939	0.0223
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.6937	0.0875	0.6729	0.6410	0.3263
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.6963	0.0868	0.6793	0.6442	0.3405
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.6999	0.0857	0.6839	0.6485	0.3210
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8074	0.1926	0.7576	0.5142	0.6962
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7368	0.2632	0.7174	0.4225	0.7566
pirvision			0.9882	0.0078	0.9794	0.9627	0.0749
placement			0.8020	0.1980	0.7953	0.5893	0.6627
plant-growth			0.7368	0.2632	0.7531	0.4809	0.6961
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9429	0.0571	0.6889	0.3746	0.5999
polish-5th			0.9289	0.0711	0.6266	0.1953	0.5375
polya			0.7632	0.2368	0.7344	0.4637	0.7394
popularity			0.6762	0.2159	0.4751	0.2501	0.5513
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7207	0.4412	0.7929
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4242	0.0886	0.3022	0.3455	0.2372
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.8060	0.1940	0.7737	0.5442	0.6746
promoters			0.7000	0.3000	0.7674	0.4444	0.5112
prostate			0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.8690	0.0524	0.7837	0.8230	0.2052
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9808	0.0192	0.9407	0.8785	0.1663
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.7467	0.0390	0.7383	0.6671	0.3374
re1-wc			0.6988	0.0241	0.5559	0.6464	0.2127
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9852	0.0148	0.9850	0.9700	0.1024
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6401	0.3599	0.6167	0.2292	0.8935
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8585	0.0472	0.8373	0.8259	0.2007
satimageF			0.9860	0.0140	0.9632	0.9255	0.1348
satimageT			0.9285	0.0715	0.7927	0.5836	0.5438
scadi			0.7143	0.1143	0.6600	0.6316	0.1509
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5294	0.4706	0.5303	0.0588	0.9712
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9437	0.0161	0.9515	0.9342	0.0617
segmentation			0.8218	0.1782	0.8028	0.6042	0.6372
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8658	0.1342	0.5503	0.0232	0.4453
sens-3-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-4-gram			0.8737	0.1263	0.6338	0.1633	0.5114
sens-5-gram			0.8658	0.1342	0.5807	0.0754	0.5299
sens-6-gram			0.8632	0.1368	0.5547	0.0445	0.5361
sens-7-gram			0.8658	0.1342	0.5807	0.0754	0.5299
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8897	0.1103	0.7997	0.5977	0.6039
shuttle			0.9595	0.0116	0.8509	0.8794	0.3224
sick			0.9788	0.0212	0.9114	0.8220	0.3006
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9418	0.0582	0.9150	0.8287	0.3892
skin10%			0.9359	0.0641	0.9046	0.8088	0.4075
smarket			0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7410	0.0863	0.6107	0.6674	0.2259
sonar			0.4000	0.6000	0.3979	-0.2000	1.0000
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9560	0.0440	0.8671	0.7340	0.4392
spambase			0.9239	0.0761	0.9202	0.8389	0.3492
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8000	0.2000	0.7481	0.4948	0.7085

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectrometer			0.7885	0.0157	0.6860	0.7762	0.0711
splice-EI			0.9527	0.0473	0.9418	0.8801	0.3165
splice-IE			0.8991	0.1009	0.8603	0.7206	0.5070
sport-articles			0.8500	0.1500	0.8368	0.6652	0.5402
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.4000	0.7059	0.2857	0.5283
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8673	0.0885	0.8335	0.7846	0.2889
steel-b			0.8103	0.1897	0.7325	0.4623	0.7140
steel-d			0.9641	0.0359	0.8031	0.5712	0.5532
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.7641	0.2359	0.7281	0.4300	0.6950
steel-p			0.9333	0.0667	0.7601	0.5161	0.5590
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9538	0.0462	0.8938	0.7746	0.4674
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9931	0.0069	0.9882	0.9762	0.0333
stockb			0.9956	0.0029	0.9956	0.9934	0.0158
streaming			0.9900	0.0100	0.9899	0.9798	0.0711
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6250	0.1500	0.2762	0.3606	0.3313
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3538	0.2585	0.1150	0.0109	0.4613
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1961	0.0189	0.4727
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.8002	0.1998	0.7998	0.5924	0.6429
susy10%			0.7969	0.2031	0.7962	0.5858	0.6512
tae			0.5333	0.3111	0.5926	0.3000	0.5315
telco-churn			0.9048	0.0952	0.8742	0.7443	0.4365
texture			0.9709	0.0053	0.9731	0.9679	0.0384
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.8316	0.1684	0.8089	0.6171	0.6246
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.6471	0.1765	0.6541	0.5256	0.2746
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.5597	0.0893	0.8324
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.5608	0.1147	0.8550
trec11-wc			0.8780	0.0271	0.7574	0.8504	0.1096
trec12-wc			0.7742	0.0565	0.7085	0.7301	0.1849
trec21-wc			0.8788	0.0485	0.7068	0.7672	0.3647
trec23-wc			0.8095	0.0635	0.7223	0.7383	0.1895
trec31-wc			0.9247	0.0251	0.8752	0.9003	0.1328
trec41-wc			0.8750	0.0250	0.8603	0.8481	0.1322
trec45-wc			0.8116	0.0377	0.7437	0.7823	0.1399
tuandromd			0.9753	0.0247	0.9623	0.9244	0.2222
turkish			0.8250	0.0875	0.8343	0.7667	0.2422
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9264	0.8467	0.2794
tvnews10%			0.8751	0.1249	0.8643	0.7276	0.5080

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7761	0.0498	0.8049	0.7378	0.1936
urinalysis			0.9301	0.0699	0.6270	0.2497	0.6378
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7381	0.1310	0.6998	0.6464	0.2614
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.7500	0.2500	0.7391	0.4706	0.7427
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5051	0.0900	0.5411	0.4556	0.2190
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.4936	0.0506	0.4330	0.4360	0.3107
warpar10p			0.6154	0.0769	0.5049	0.5638	0.1180
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.6778	0.0921	0.6837	0.6228	0.3454
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.6700	0.0943	0.6804	0.6144	0.3353
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2633	0.3683	0.1917	0.0053	0.4808
waveform			0.8400	0.1067	0.8404	0.7600	0.3695
weather-related			0.9038	0.0175	0.9127	0.8908	0.1004
web-phishing			0.8296	0.1136	0.6257	0.6897	0.4693
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9800	0.0100	0.9807	0.9733	0.0350
wilt			0.9855	0.0145	0.9324	0.8603	0.3666
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5220	0.1593	0.3235	0.2465	0.6233
winequality-white			0.5112	0.1396	0.2611	0.2519	0.5320
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7652	0.7333	0.0687
yeast			0.5338	0.1036	0.4708	0.4062	0.4103
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.7610	0.4813	0.5550
yeastME1			0.9595	0.0405	0.8164	0.5542	0.5239
yeastME2			0.9459	0.0541	0.6564	0.3060	0.6026
zip			0.8129	0.0374	0.8006	0.7903	0.2417

Table 50: Detailed results for FWSSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1614	0.0799	0.1275	0.0912	0.5928
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9726	0.0274	0.9414	0.8808	0.2032
adult		0.8462	0.1538	0.7735	0.5394	0.6244
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.7619	0.2381	0.4672	-0.0588	0.6265
AID_1431_MACCSFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878		0.7810	0.2190	0.4948	-0.0075	0.7914
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8592	0.1408	0.7975	0.5860	0.5790
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
alcohol		0.7714	0.0914	0.3342	0.4677	0.2701
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8512	0.1488	0.8355	0.6704	0.5752
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9444	0.0278	0.8832	0.8929	0.2226
anuran-genus		0.9666	0.0083	0.9108	0.9452	0.1740
anuran-species		0.9667	0.0067	0.9296	0.9537	0.0836
anxiety		0.1000	0.2000	0.0979	-0.0135	0.7958
apple-quality		0.7300	0.2700	0.7317	0.4600	0.7710
aps-failure		0.9809	0.0191	0.7198	0.4390	0.5422
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9938	0.0062	0.7524	0.4300	0.2514
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.7333	0.0410	0.4356	0.5519	0.2618
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.8182	0.0331	0.7575	0.7800	0.0958

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.9310	0.0690	0.9310	0.8619	0.3353
autos		0.6500	0.1167	0.4947	0.5254	0.2595
avila		0.5707	0.0716	0.4377	0.3796	0.4284
babies		0.4516	0.1567	0.1914	0.1541	0.5890
balance		0.8710	0.0860	0.7024	0.7665	0.3957
bank		0.9099	0.0901	0.7381	0.4533	0.5504
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9032	0.0968	0.8947	0.7833	0.3913
basehock		0.9548	0.0452	0.9550	0.9095	0.2428
bio		0.9970	0.0029	0.9092	0.8057	0.0968
bio10%		0.9973	0.0027	0.9291	0.8558	0.3492
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5761	0.2119	0.5704	0.4348	0.4722
brain-tumor		0.5075	0.4925	0.5074	0.0148	0.9948
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.7738	0.7800	0.0411
bridges		0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4900	0.3400	0.3011	-0.0029	0.4063
car		0.8678	0.0661	0.6598	0.7205	0.3310
car-insurance		0.8310	0.1690	0.8014	0.6025	0.6363
card		0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography		0.8310	0.0338	0.7793	0.7975	0.2212
cardiotocography-nsp		0.8967	0.0689	0.8056	0.7206	0.3078
cardiovascular		0.7193	0.2807	0.7232	0.4386	0.7742
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6039	0.4977	0.5002
cas_N6512_cdk_ECFP2		0.7558	0.2442	0.7535	0.5058	0.7394
cas_N6512_rdkit_ATOMPAIR		0.7354	0.2646	0.7333	0.4663	0.7732
cas_N6512_RDkit_AtomPair_FP		0.7163	0.2837	0.7136	0.4260	0.7988
cas_N6512_rdkit_AVALON		0.7604	0.2396	0.7590	0.5180	0.7348
cas_N6512_RDkit_Avalon_FP		0.7945	0.2055	0.7934	0.5867	0.6760
cas_N6512_rdkit_descriptors		0.7338	0.2662	0.7326	0.4652	0.7752
cas_N6512_rdkit_FEATMORGAN		0.7527	0.2473	0.7511	0.5022	0.7471
cas_N6512_RDkit_Featmorgan_FP		0.7607	0.2393	0.7589	0.5175	0.7338
cas_N6512_RDkit_FP		0.7101	0.2899	0.7089	0.4178	0.8082
cas_N6512_rdkit_LAYERED		0.7246	0.2754	0.7238	0.4474	0.7876
cas_N6512_RDkit_Layered_FP		0.7485	0.2515	0.7465	0.4928	0.7533
cas_N6512_rdkit_MACCS		0.7665	0.2335	0.7647	0.5260	0.7161
cas_N6512_RDkit_MACCS_FP		0.7776	0.2224	0.7765	0.5529	0.7059
cas_N6512_rdkit_MORGAN		0.7538	0.2462	0.7523	0.5045	0.7453
cas_N6512_RDkit_morgan_FP		0.7638	0.2362	0.7620	0.5239	0.7290
cas_N6512_rdkit_PATTERN		0.7692	0.2308	0.7677	0.5353	0.7202
cas_N6512_RDkit_pattern_FP		0.7653	0.2347	0.7657	0.5302	0.7229

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_RDKITFP		0.7112	0.2888	0.7097	0.4194	0.8072
cas_N6512_rdkit_TORSION		0.7369	0.2631	0.7368	0.4728	0.7686
ccds1%		0.9615	0.0385	0.6177	0.1165	0.3554
ccds10%		0.9394	0.0606	0.6420	0.2804	0.6087
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7772	0.2228	0.7585	0.5167	0.7231
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9752	0.0248	0.8307	0.6282	0.2594
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9483	0.0517	0.5535	0.0440	0.4242
census10%		0.9515	0.0485	0.7329	0.3286	0.2357
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8904	0.0548	0.8618	0.8359	0.2230
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.7972	0.5942	0.4802
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8652	0.1348	0.6551	0.2065	0.5135
ci900367j_MACCS		0.7474	0.2526	0.7289	0.4574	0.7669
circles		0.9410	0.0012	0.9544	0.9404	0.0152
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7704	0.1148	0.4871	0.6218	0.2801
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4830	0.3447	0.4454	0.1404	0.6641
cnae-9		0.9537	0.0103	0.9551	0.9479	0.0519
codon_usage		0.8749	0.0227	0.7066	0.8484	0.2679
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.6200	0.0507	0.6005	0.5776	0.1854
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7241	0.2759	0.5851	0.1655	0.8480
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7692	0.2308	0.7692	0.5384	0.7190
coupon		0.6861	0.3139	0.6774	0.3539	0.8419
covtype10%		0.7124	0.0822	0.5391	0.5256	0.3864
covtypeCD		0.9458	0.0542	0.8785	0.7518	0.3661
covtypeT		0.9408	0.0592	0.7323	0.4452	0.5256
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8912	0.0363	0.7630	0.7755	0.3597
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.3750	0.0312	0.2585	0.3574	0.0905
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cybersecurity		0.1667	0.2778	0.0804	-0.0121	0.5266
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.6852	0.3148	0.6940	0.2971	0.6308
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7987	0.2013	0.6533	0.1630	0.5037
defect		0.8796	0.1204	0.7499	0.3588	0.2610
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9000	0.1000	0.7117	0.3927	0.5701
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9409	0.9326	0.0579
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.6167	0.3833	0.6200	0.2333	0.8952
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7167	0.2833	0.6138	0.2273	0.8427
diabetes		0.8846	0.1154	0.8781	0.7562	0.4872
diabetic		0.5759	0.2827	0.4303	0.1798	0.6316
diabetic1%		0.5882	0.2745	0.5143	0.2611	0.6458
diabetic10%		0.5216	0.3189	0.3977	0.1008	0.7151
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all		0.5857	0.1657	0.4324	0.3859	0.4996
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9954	0.0046	0.5730	0.1458	0.5394
dorothea		0.9304	0.0696	0.7608	0.4682	0.4114
dota2		0.6022	0.3978	0.5990	0.1962	0.9243
dota210%		0.5592	0.4408	0.5551	0.1092	0.9601
drebin		0.9787	0.0213	0.9771	0.9543	0.1449
dropout		0.7630	0.1580	0.6555	0.5901	0.4262
drug-01		0.3830	0.1763	0.1854	0.0931	0.6925
drug-02		0.5160	0.1383	0.2375	0.1635	0.6157
drug-03		0.6915	0.0881	0.1475	0.0283	0.2403
drug-04		0.4947	0.1444	0.1596	0.1071	0.6426
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4362	0.1611	0.2642	0.2837	0.5094
drug-07		0.4521	0.1565	0.1376	0.0736	0.3996
drug-08		0.5638	0.1246	0.2047	0.1483	0.4164
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5638	0.1246	0.2527	0.1750	0.4194
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6064	0.1125	0.2117	0.2016	0.4040
drug-14		0.5798	0.1201	0.2110	0.2142	0.5529
drug-15		0.7447	0.0729	0.1235	0.0383	0.3618
drug-16		0.6170	0.1094	0.2936	0.3412	0.3768
drug-17		0.3511	0.1854	0.1987	0.1243	0.7232
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0060	0.2613
drybean		0.9273	0.0208	0.9395	0.9120	0.1200
ecoli		0.8529	0.0368	0.5432	0.7974	0.1292
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2800	0.3600	0.2803	0.0409	0.8257
eeg		0.3897	0.0763	0.4131	0.3270	0.6830
eeg-eye		0.6055	0.3945	0.6061	0.1473	0.7607
eeg10%		0.3858	0.0768	0.3934	0.3224	0.6333
eucalyptus		0.3836	0.2466	0.2705	0.1394	0.3539
euthyroid		0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%		0.8874	0.1126	0.8925	0.7761	0.4247
fakenews		0.5350	0.4650	0.5351	0.0701	0.9785
farm-ads		0.8986	0.1014	0.8981	0.7958	0.4346
fbis-wc		0.8415	0.0187	0.8195	0.8199	0.1358
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8824	0.1176	0.8815	0.7606	0.4688
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.5500	0.1286	0.4771	0.4322	0.3370
forest		0.9231	0.0385	0.9006	0.8941	0.1186
gas		0.9892	0.0036	0.9893	0.9869	0.0279
gastrointestinal		0.6875	0.2083	0.5017	0.4521	0.4318
gender		0.5811	0.2793	0.3243	0.0090	0.4418
gene		0.9180	0.0547	0.9096	0.8689	0.2396
german		0.7600	0.2400	0.7248	0.4103	0.6710
gestures		0.3878	0.3061	0.4205	0.1843	0.6752
gina		0.8617	0.1383	0.8616	0.7232	0.5329
gisette		0.9700	0.0300	0.9700	0.9400	0.1817
glass		0.6667	0.1111	0.6644	0.5196	0.2537
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4667	0.2667	0.3787	0.2500	0.5444
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9634	0.0061	0.8606	0.9567	0.0486
har		0.7462	0.1015	0.7368	0.6783	0.4001
har701%		0.7730	0.0649	0.3968	0.6304	0.1324
har7010%		0.7738	0.0646	0.3984	0.6317	0.1302
harth1%		0.6556	0.0574	0.2665	0.5085	0.2826
hayes-roth		0.3750	0.4167	0.3972	0.0303	0.7342
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8500	0.1500	0.8245	0.6488	0.5939
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8379	0.1621	0.8380	0.6758	0.5873
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
higgs0.1%		0.6555	0.3445	0.6535	0.2980	0.8556
higgs1%		0.6436	0.3564	0.6430	0.2697	0.8505
higher		0.1429	0.2143	0.0556	0.0000	0.3582
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9376	0.0624	0.8869	0.7730	0.4066
hiva		0.9480	0.0520	0.4867	-0.0231	0.6309
horse		0.6389	0.2407	0.6027	0.3684	0.6029
hr		0.8526	0.1474	0.4602	-0.0199	0.5496
ht-sensor10%		0.5962	0.2692	0.6012	0.3970	0.6288
htru2		0.9799	0.0201	0.9370	0.8707	0.1738
hypothyroid		0.9682	0.0159	0.6623	0.7967	0.1894
hypothyroidT		0.9655	0.0345	0.8668	0.6944	0.1058
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9533	0.0233	0.9544	0.9378	0.0902
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9255	0.0057	0.9273	0.9226	0.0666
jm1		0.8118	0.1882	0.6128	0.0817	0.4882
jvowels		0.9508	0.0109	0.9468	0.9442	0.0784
kc1		0.8626	0.1374	0.6787	0.2727	0.5332
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.5385	0.1846	0.1750	0.2200	0.4069
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.8628	0.0392	0.8638	0.8399	0.2242
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9988	0.0002	0.8860	0.9979	0.0107
kepler		0.8808	0.0795	0.8412	0.8033	0.2076
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.8750	0.1250	0.8689	0.7368	0.5144
krkopt		0.2727	0.0808	0.2436	0.1828	0.6478
krvskp		0.9624	0.0376	0.9633	0.9248	0.1951
la1s-wc		0.8444	0.0519	0.8218	0.8047	0.2725
la2s-wc		0.8742	0.0419	0.8588	0.8415	0.2322
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.8529	0.0128	0.8587	0.8455	0.0404
led24		0.7000	0.0600	0.6650	0.6610	0.1243
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7840	0.0166	0.7817	0.7753	0.2232
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8889	0.0148	0.8999	0.8806	0.0506
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9274	0.0726	0.9225	0.8449	0.3560
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.9057	0.0189	0.5848	0.8689	0.0544
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8830	0.1170	0.8800	0.7599	0.4864
madelon		0.5577	0.4423	0.5585	0.1154	0.9568
magic04		0.7838	0.2162	0.7545	0.5002	0.6961
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8430	0.6859	0.5749
marketing		0.8527	0.1473	0.5837	0.0410	0.4325
maternal		0.6337	0.2442	0.6433	0.4346	0.5374
math		0.7750	0.1125	0.7164	0.6491	0.3105
mba		0.8387	0.1075	0.3859	0.0270	0.2282
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.2400	0.3040	0.2450	0.0491	0.8349
messidor		0.7304	0.2696	0.7342	0.4627	0.7633
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.9167	0.8475	0.1419
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.9800	0.0040	0.9804	0.9778	0.0253
mfeat-fou		0.8200	0.0360	0.8227	0.8000	0.1750
mfeat-kar		0.9600	0.0080	0.9601	0.9556	0.0508
mfeat-mor		0.7300	0.0540	0.7356	0.7000	0.1812
mfeat-pix		0.9750	0.0050	0.9756	0.9722	0.0292
mfeat-zer		0.8400	0.0320	0.8382	0.8222	0.0939
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8774	0.0818	0.8811	0.8152	0.2779
mines		0.5588	0.1765	0.5568	0.4408	0.4111
mobile		0.7797	0.0079	0.7883	0.7757	0.1035
monks-1		0.6182	0.3818	0.6203	0.2326	0.8914
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4794	0.0946	0.4885	0.3797	0.5501
musk		0.9348	0.0652	0.8664	0.7204	0.3559
MUT_ci300400a_cdk_ECFP2		0.8153	0.1847	0.8086	0.6153	0.6344
MUT_ci300400a_cdk_ECFP4		0.7844	0.2156	0.7779	0.5558	0.6991
MUT_ci300400a_cdk_ECFP6		0.7569	0.2431	0.7484	0.4960	0.7443
MUT_ci300400a_cdk_ESTATE		0.6930	0.3070	0.6904	0.3789	0.8256
MUT_ci300400a_cdk_EXTENDED		0.7602	0.2398	0.7536	0.5073	0.7396
MUT_ci300400a_cdk_FCFP2		0.7772	0.2228	0.7705	0.5410	0.7116
MUT_ci300400a_cdk_FCFP4		0.7854	0.2146	0.7778	0.5548	0.6957
MUT_ci300400a_cdk_FCFP6		0.7866	0.2134	0.7824	0.5643	0.6931
MUT_ci300400a_cdk_MACCS		0.7590	0.2410	0.7490	0.4939	0.7331
MUT_ci300400a_cdk_PUBCHEM		0.8299	0.1701	0.8240	0.6473	0.6079
MUT_ci300400a_cdk_STANDARD		0.7593	0.2407	0.7532	0.5063	0.7406
MUT_ci300400a_rdkit_descriptors		0.7782	0.2218	0.7720	0.5435	0.7077
myocardial		0.8824	0.0294	0.3603	0.4284	0.1554
naticusdroid		0.9560	0.0440	0.9560	0.9120	0.2415
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA1%		0.8798	0.0126	0.2649	0.6335	0.2987
neo		0.9026	0.0974	0.4744	-0.0002	0.2304
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6488	0.3512	0.6465	0.2927	0.8820

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9472	0.0528	0.9350	0.8700	0.3074
NPHA-doctor-visits		0.5139	0.3241	0.3081	0.0016	0.5261
nursery		0.9306	0.0347	0.8888	0.8979	0.1427
obesity		0.7915	0.0596	0.7839	0.7565	0.2164
obs		0.7870	0.1065	0.8194	0.6738	0.2716
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9931	0.0035	0.9767	0.9790	0.0301
oh0-wc		0.8317	0.0337	0.8181	0.8062	0.1557
oh10-wc		0.7048	0.0590	0.6565	0.6633	0.2673
oh15-wc		0.6739	0.0652	0.6331	0.6308	0.3170
oh5-wc		0.8132	0.0374	0.8051	0.7892	0.1737
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9133	0.0867	0.6659	0.0385	0.2026
opnat310k-hg16-17		0.9091	0.0909	0.6567	0.0019	0.2092
optdigits		0.9591	0.0082	0.9605	0.9545	0.0585
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9684	0.0316	0.7102	0.1943	0.0960
ozone8hr		0.9289	0.0711	0.6520	0.1647	0.3724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7938	0.2062	0.7780	0.5538	0.6913
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8565	0.7125	0.5429
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9708	0.0117	0.8497	0.8226	0.1057
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.8104	0.1896	0.8049	0.6069	0.6490
parkinsons-small		0.8421	0.1579	0.8114	0.6175	0.6233
particle		0.9004	0.0996	0.8744	0.7478	0.4652
particle10%		0.8715	0.1285	0.8360	0.6689	0.5406
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4588	0.5412	0.4502	-0.0993	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8026	0.1974	0.7415	0.4828	0.7174
pediatric-leukemia		0.8824	0.0336	0.8069	0.8547	0.0910
pendigits		0.9591	0.0082	0.9592	0.9545	0.0659
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.7778	0.2222	0.7568	0.4000	0.4011
persistency		0.8134	0.1866	0.7980	0.5936	0.6458
pet-adoption		0.9000	0.1000	0.8881	0.7570	0.3198
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%		0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%		0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%		0.1687	0.2375	0.0413	0.0000	0.3985
phoneme		0.7741	0.2259	0.7186	0.4370	0.7543
phy		0.6930	0.3070	0.6930	0.3859	0.8298
pima		0.7368	0.2632	0.7221	0.4006	0.6803
pirvision		0.9895	0.0070	0.9737	0.9668	0.0550
placement		0.7980	0.2020	0.7928	0.5857	0.6740
plant-growth		0.8947	0.1053	0.8944	0.7889	0.4478
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4937	0.1447	0.1352	-0.0010	0.2820
poker10%		0.5002	0.1250	0.1142	0.0023	0.1945

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9429	0.0571	0.4853	-0.0076	0.4138
polish-5th			0.9323	0.0677	0.6329	0.0822	0.2909
polya			0.7805	0.2195	0.7545	0.5042	0.7093
popularity			0.6643	0.2238	0.4141	0.2123	0.4770
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8512	0.0595	0.8514	0.8140	0.2463
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6373	0.2647	0.8720
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.4545	0.0839	0.4324	0.3914	0.2524
profb			0.7015	0.2985	0.6633	0.1184	0.4472
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8362	0.0655	0.7834	0.7789	0.2474
puc-rio10%			0.8401	0.0640	0.7811	0.7842	0.2478
pufs-1281%			0.5047	0.4953	0.5047	0.0093	0.9973
pufs-641%			0.5008	0.4992	0.5008	0.0017	0.9995
pulsar			0.9777	0.0223	0.9303	0.8546	0.1586
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.8133	0.0287	0.8181	0.7613	0.2587
re1-wc			0.7651	0.0188	0.6695	0.7330	0.2079
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5980	0.4020	0.5710	0.1395	0.9352
RT_IOT2022			0.9895	0.0017	0.9381	0.9737	0.0217
satimage			0.8414	0.0529	0.7972	0.8023	0.1977
satimageF			0.9829	0.0171	0.9549	0.9090	0.1719
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8910	0.1090	0.6031	0.2031	0.6525
secondary_mushroom			0.8869	0.1131	0.8857	0.7713	0.4718
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9481	0.0148	0.9526	0.9393	0.0700
segmentation			0.8218	0.1782	0.8021	0.6017	0.6337
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8635	0.1365	0.5960	0.1195	0.5842
sens-2-gram			0.8658	0.1342	0.5807	0.0754	0.5299
sens-3-gram			0.8079	0.1921	0.5688	0.1374	0.7671
sens-4-gram			0.8368	0.1632	0.5743	0.1401	0.7508
sens-5-gram			0.8500	0.1500	0.6073	0.2013	0.7225
sens-6-gram			0.8605	0.1395	0.6115	0.1905	0.6757
sens-7-gram			0.8500	0.1500	0.5458	0.0664	0.6930
sens-8-gram			0.8289	0.1711	0.5568	0.1077	0.7641
sens-9-gram			0.8737	0.1263	0.6401	0.2042	0.5646
sensorless			0.9111	0.0162	0.9111	0.9022	0.0979
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8824	0.1176	0.7363	0.4268	0.5280

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
shuttle			0.9795	0.0059	0.6291	0.9429	0.1222
sick			0.9629	0.0371	0.8318	0.6478	0.3649
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9294	0.0706	0.9044	0.8018	0.4326
skin10%			0.9257	0.0743	0.8975	0.7895	0.4476
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.1000	0.4500	0.0951	-0.2019	0.8932
smk_can_187			0.7895	0.2105	0.7889	0.5778	0.6844
smoking			0.7468	0.2532	0.7359	0.4695	0.7586
soil_pollution			0.2167	0.3133	0.2190	0.0192	0.8526
solar-flare			0.7626	0.0791	0.6579	0.6947	0.2141
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9420	0.0580	0.8052	0.5956	0.4472
spambase			0.9130	0.0870	0.9087	0.8157	0.3849
spect			0.7407	0.2593	0.6469	0.2921	0.7993
spectf			0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer			0.4423	0.0413	0.3453	0.4105	0.1741
splice-EI			0.9495	0.0505	0.9372	0.8716	0.3306
splice-IE			0.9085	0.0915	0.8708	0.7408	0.4660
sport-articles			0.8300	0.1700	0.8142	0.6205	0.5925
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.7549	0.1634	0.7056	0.6033	0.4714
steel-b			0.8359	0.1641	0.7227	0.4233	0.6472
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9795	0.0205	0.9685	0.9371	0.1800
steel-o			0.7487	0.2513	0.7088	0.3813	0.7014
steel-p			0.9179	0.0821	0.6618	0.2948	0.5925
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9061	0.8093	0.4129
stock			0.9097	0.0903	0.8413	0.6805	0.5000
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8040	0.1960	0.8017	0.6034	0.6593
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6250	0.1500	0.3689	0.3623	0.3303
student-habits			0.3800	0.2480	0.2140	0.0521	0.6983
student-weekend			0.3385	0.2646	0.2211	0.0937	0.6576
student-workday			0.6719	0.1313	0.2044	0.1600	0.5485
studentap			0.3846	0.4103	0.3805	0.0714	0.7394
susy1%			0.7906	0.2094	0.7916	0.5711	0.6465
susy10%			0.7882	0.2118	0.7897	0.5657	0.6460
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.9020	0.0980	0.8720	0.7431	0.4691
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9065	0.0935	0.8739	0.7478	0.4750
tis10%			0.7388	0.2612	0.6374	0.2742	0.8202
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.1000	0.5250	0.6364	0.1042

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.9024	0.0217	0.7192	0.8783	0.0628
trec12-wc			0.8710	0.0323	0.8870	0.8434	0.0909
trec21-wc			0.9697	0.0121	0.7958	0.9345	0.0286
trec23-wc			0.7143	0.0952	0.6963	0.6216	0.2670
trec31-wc			0.9677	0.0108	0.9616	0.9571	0.0526
trec41-wc			0.8977	0.0205	0.7914	0.8732	0.0888
trec45-wc			0.7971	0.0406	0.7133	0.7635	0.1938
tuandromd			0.9753	0.0247	0.9613	0.9225	0.1889
turkish			0.8000	0.1000	0.8091	0.7333	0.2368
tvnews			0.8917	0.1083	0.8825	0.7646	0.4675
tvnews1%			0.9231	0.0769	0.9169	0.8334	0.3669
tvnews10%			0.8982	0.1018	0.8895	0.7772	0.4365
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7910	0.0464	0.8251	0.7566	0.1538
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9835	0.0165	0.6199	0.2396	0.5619
vehicle			0.7381	0.1310	0.7174	0.6504	0.2147
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.6263	0.0680	0.6400	0.5889	0.1868
vowelZ			0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17			0.9156	0.0844	0.6641	0.1684	0.3508
wap-wc			0.8333	0.0167	0.6300	0.8132	0.1089
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2300	0.3850	0.2271	-0.0288	0.8730
waveform			0.8400	0.1067	0.8403	0.7600	0.3689
weather-related			0.9654	0.0063	0.9659	0.9608	0.0535
web-phishing			0.8074	0.1284	0.5592	0.6406	0.4051
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9752	0.0248	0.8553	0.7016	0.3370
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5912	0.1363	0.2429	0.3129	0.3691
winequality-white			0.5256	0.1356	0.2166	0.2332	0.4538
winnipeg10%			0.9874	0.0036	0.9841	0.9841	0.0254
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.5203	0.0959	0.3629	0.3851	0.3850
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9333	0.0133	0.9289	0.9253	0.1049

Table 51: Detailed results for GAMLOESS(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1783	0.0783	0.1701	0.0945	0.5320
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.7000	0.3000	0.7000	0.4000	0.8211
ads		0.9573	0.0427	0.9076	0.7972	0.1300
adult		0.8389	0.1611	0.7612	0.5136	0.6404
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.5238	0.4762	0.4385	-0.0639	0.4662
AID_1431_KlekotaRothFingerprinter		0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878		0.5714	0.4286	0.5429	0.0693	0.7210
AID_602330		0.4531	0.5469	0.4483	-0.0252	0.2413
AID_652128		0.6061	0.2626	0.3585	0.0687	0.4941
AID1284Morered		0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red		0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered		0.8544	0.1456	0.4607	-0.0782	0.6585
AID1608red		0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red		0.9860	0.0140	0.6532	0.2447	0.4187
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID439Morered		0.2857	0.7143	0.2222	-0.2963	0.6098
AID439red		0.7143	0.2857	0.7407	0.3636	0.5000
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5631	0.1250	0.9054
AID644red		0.6000	0.4000	0.5238	0.0476	0.9294
AID687AID721red		0.9988	0.0012	0.4997	-0.0006	0.5035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.0092	0.9908	0.0091	0.0000	0.0260
AID721morered		0.3333	0.6667	0.2500	-0.4211	0.8208
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
aids		0.8967	0.1033	0.8538	0.7007	0.4642
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7429	0.1029	0.4558	0.3898	0.3017
all-aml		0.5000	0.5000	0.5000	0.0000	0.9298
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.9663	0.0135	0.7688	0.9306	0.0999
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9819	0.0090	0.9460	0.9655	0.1134
anuran-genus		0.9638	0.0090	0.8522	0.9407	0.1941
anuran-species		0.9806	0.0039	0.9439	0.9730	0.0478
anxiety		0.0667	0.2074	0.0608	-0.0516	0.8657
apple-quality		0.7725	0.2275	0.7728	0.5450	0.7118
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%		0.9921	0.0079	0.6258	0.0744	0.1732
arcene		0.5500	0.4500	0.5616	0.1176	0.9262
arrhythmia		0.6222	0.0756	0.3958	0.4226	0.4973
auction		0.9167	0.0833	0.7984	0.5918	0.5326
audiology		0.6818	0.0579	0.5455	0.6188	0.1437
audit-risk		0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7526	0.8667	0.0771
avila		0.4983	0.0836	0.3616	0.3570	0.3182
babies		0.4758	0.1498	0.1592	0.1780	0.4407
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.9124	0.0876	0.7562	0.5032	0.5679
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9147	0.0853	0.9073	0.8099	0.3592
basehock		0.9146	0.0854	0.9151	0.8291	0.3821
bio10%		0.9945	0.0055	0.8815	0.7473	0.4836
biodeg		0.8667	0.1333	0.8625	0.7226	0.5300
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.2892	0.1292	0.0412	0.0021	0.0650
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.6803	0.6700	0.1388
bridges		0.6000	0.1143	0.4530	0.4872	0.2275
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8506	0.0747	0.6296	0.6796	0.3505
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8696	0.1304	0.8695	0.7361	0.5115
cardiotocography		0.7606	0.0479	0.7062	0.7105	0.2394
cardiotocography-nsp		0.9014	0.0657	0.8316	0.7190	0.2782
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5711	0.4196	0.6234
cas_N6512_cdk_ECFP2		0.6897	0.3103	0.6881	0.3762	0.8348
cas_N6512_rdkit_ATOMPAIR		0.7262	0.2738	0.7248	0.4496	0.7864
cas_N6512_RDkit_AtomPair_FP		0.7393	0.2607	0.7369	0.4724	0.7650
cas_N6512_rdkit_AVALON		0.7650	0.2350	0.7651	0.5292	0.7242
cas_N6512_RDkit_Avalon_FP		0.7699	0.2301	0.7693	0.5382	0.7181
cas_N6512_rdkit_descriptors		0.6769	0.3231	0.6905	0.3645	0.8018
cas_N6512_rdkit_FEATMORGAN		0.6959	0.3041	0.6926	0.3835	0.8249
cas_N6512_RDkit_Featmorgan_FP		0.6886	0.3114	0.6869	0.3738	0.8364
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.7515	0.2485	0.7495	0.4985	0.7480
cas_N6512_rdkit_MACCS		0.7573	0.2427	0.7553	0.5071	0.7308
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.7415	0.2585	0.7392	0.4765	0.7603
cas_N6512_RDkit_morgan_FP		0.7132	0.2868	0.7122	0.4242	0.8038
cas_N6512_rdkit_PATTERN		0.7631	0.2369	0.7621	0.5240	0.7300
cas_N6512_RDkit_pattern_FP		0.7653	0.2347	0.7644	0.5287	0.7262
cas_N6512_rdkit_RDKITFP		0.7235	0.2765	0.7225	0.4449	0.7896
cas_N6512_rdkit_TORSION		0.6738	0.3262	0.6716	0.3432	0.8544
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8495	0.1003	0.4275	0.2122	0.3241
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9683	0.0317	0.7755	0.5158	0.3791
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.0487	0.9513	0.0465	0.0000	0.1277
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9996	0.0004	0.8740	0.7438	0.2901
chrom191%		0.9982	0.0018	0.4996	-0.0008	0.5346
chrom1910%		0.9991	0.0009	0.7972	0.5942	0.4802
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8330	0.1670	0.7039	0.3726	0.6389
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7053	0.2947	0.6837	0.3670	0.8261
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.4894	0.4375	0.4746
cjs		0.9714	0.0095	0.9679	0.9651	0.0469
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7704	0.1148	0.4942	0.6232	0.3001
climate		0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111		0.2500	0.5000	0.2074	-0.2000	0.8309
cm1		0.9000	0.1000	0.6431	0.2424	0.5963
cmc		0.5374	0.3084	0.5121	0.2632	0.6975
cnae-9		0.8148	0.0412	0.8352	0.7917	0.1658
codon_usage		0.8956	0.0190	0.7084	0.8729	0.1622
coil20		0.9097	0.0090	0.9145	0.9049	0.0533
college		0.9481	0.0519	0.9345	0.8690	0.3129
collins		0.6000	0.0533	0.5958	0.5565	0.2076
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.7586	0.2414	0.7398	0.4781	0.7496
colposcopies-2		0.6897	0.3103	0.6766	0.3524	0.8362
colposcopies-3		0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4		0.6897	0.3103	0.6565	0.3040	0.8098
colposcopies-5		0.6552	0.3448	0.5450	0.0823	0.7642
colposcopies-6		0.5517	0.4483	0.5491	0.0959	0.9600
colposcopies-c		0.5172	0.4828	0.4451	-0.1033	0.8750
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons		0.5197	0.4803	0.3420	0.0000	0.5252
comedy_comparisons10%		0.5173	0.4827	0.3409	0.0000	0.5256
cottonmeloidogyne		0.7933	0.2067	0.7933	0.5865	0.6768
coupon		0.6909	0.3091	0.6815	0.3611	0.8346
covtype10%		0.7124	0.0822	0.4922	0.5160	0.3590
covtypeCD		0.9592	0.0408	0.9110	0.8207	0.3221
covtypeT		0.9610	0.0390	0.8349	0.6606	0.3982
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9761	0.0239	0.4940	-0.0033	0.1111
crowdsourced		0.4811	0.1730	0.4620	0.2589	0.2977
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1875	0.0508	0.1712	0.1613	0.3048
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.7963	0.2037	0.7931	0.5858	0.6749
darwin		0.4444	0.5556	0.4430	-0.1111	1.0000
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.6913	0.3087	0.5769	0.1530	0.8424
defect		0.9259	0.0741	0.8515	0.6860	0.3744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8932	0.1068	0.6926	0.3609	0.6094
depressed		0.8462	0.1538	0.6824	0.1314	0.3015
dermatology		0.9459	0.0180	0.9524	0.9327	0.0608
desharnais		0.7500	0.1667	0.7132	0.5789	0.3187
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6250	0.2500	0.6163	0.4483	0.3623
DIA		0.8167	0.1833	0.7408	0.4762	0.6890
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9654	0.0346	0.8793	0.7283	0.1255
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%		0.5196	0.3203	0.3315	0.0811	0.7031
diabetic10%		0.5766	0.2823	0.4119	0.1631	0.5574
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.0000	1.0000	0.0000	-0.9231	0.9710
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.5000	0.5000	0.5000	0.0000	0.9831
dlbcl-stanford		0.8000	0.2000	0.8077	0.5455	0.4011
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5693	0.4307	0.5644	0.1256	0.9465
dota210%		0.5583	0.4417	0.5539	0.1064	0.9600
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7630	0.1580	0.6792	0.6000	0.4620
drug-01		0.4043	0.1702	0.1978	0.0710	0.5669
drug-02		0.5160	0.1383	0.2177	0.1333	0.5461
drug-03		0.6649	0.1117	0.1576	0.0212	0.4067
drug-04		0.5266	0.1353	0.2008	0.1060	0.4124
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.2547	0.2855	0.4919
drug-07		0.4202	0.1933	0.1480	0.0143	0.4363
drug-08		0.5585	0.1261	0.2128	0.1314	0.4404
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5691	0.1231	0.2540	0.1797	0.3618
drug-11		0.8511	0.0426	0.1321	0.0539	0.1229
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6170	0.1094	0.1744	0.2239	0.3760
drug-14		0.5745	0.1216	0.2309	0.2165	0.4629
drug-15		0.7553	0.0699	0.1248	0.0658	0.2947
drug-16		0.6011	0.1330	0.3226	0.3197	0.4177
drug-17		0.3723	0.1793	0.2472	0.1296	0.4890
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7660	0.0669	0.1239	-0.0068	0.2303
drybean		0.9317	0.0195	0.9426	0.9174	0.1177
ecoli		0.8235	0.0441	0.5069	0.7569	0.1725
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2603	0.0140	0.8538
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6242	0.3758	0.6172	0.2335	0.9077
eeg10%		0.0152	0.1231	0.0091	-0.0225	0.5120
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6301	0.1479	0.6187	0.5263	0.3959

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
euthyroid		0.9715	0.0285	0.9153	0.8266	0.2470
exon.vs.intron-freq10%		0.9585	0.0415	0.9584	0.9168	0.2312
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.3862	0.0722	0.3498	0.3350	0.5234
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9804	0.0196	0.9807	0.9606	0.1182
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9410	0.9200	0.0398
flags		0.4000	0.1714	0.3160	0.2749	0.4535
forest		0.8269	0.0865	0.8213	0.7600	0.2192
gas		0.1395	0.2868	0.0408	0.0000	0.4019
gastrointestinal		1.0000	0.0000	1.0000	1.0000	0.0000
gender		0.6105	0.2596	0.3845	0.1523	0.4982
gene		0.9148	0.0568	0.9031	0.8639	0.2370
german		0.7300	0.2700	0.6848	0.3415	0.7524
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8012	0.1988	0.8011	0.6022	0.6623
glass		0.7143	0.0952	0.6937	0.5962	0.2751
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.8421	0.1579	0.8427	0.6816	0.5635
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.4000	0.1176	0.5184
glioma-grade		0.9048	0.0952	0.9033	0.8057	0.4235
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.4000	0.3000	0.3529	0.1818	0.4831
gsalc		0.2222	0.2593	0.0952	0.0597	0.3133
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
har		0.2844	0.2862	0.0886	0.0000	0.3861
har701%		0.8677	0.0378	0.5083	0.8035	0.1594
har7010%		0.8460	0.0440	0.5570	0.7661	0.1767
harth1%		0.8220	0.0297	0.4463	0.7549	0.1785
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.5882	0.4118	0.5662	0.1314	0.9439
health-activity		0.7800	0.1100	0.3343	0.0690	0.1892
heart		0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hERG-121inputs		0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-64inputs		0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs		0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%		0.6900	0.3100	0.6879	0.3750	0.8333
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higher		0.2143	0.1964	0.1273	0.0941	0.3755
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8921	0.1079	0.7992	0.5959	0.5699
hiva		0.8794	0.1206	0.5564	0.0873	0.4663

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
horse		0.6111	0.2593	0.5625	0.3244	0.6644
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.3434	0.4377	0.3780	0.0056	0.6329
htru2		0.9799	0.0201	0.9372	0.8722	0.1956
hypothyroid		0.9735	0.0133	0.6619	0.8505	0.2204
hypothyroidT		0.9867	0.0133	0.9518	0.9020	0.1477
ilpd		0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9600	0.0400	0.9594	0.9188	0.2278
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8237	0.1763	0.6536	0.1993	0.5462
jvowels		0.9689	0.0069	0.9662	0.9647	0.0489
kc1		0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot		0.6000	0.4000	0.5618	0.1176	0.9288
kc1-class-level-numericdefect		0.3846	0.2462	0.2680	0.1613	0.3463
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7308	0.2692	0.5965	0.1929	0.8287
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.0020	0.1535	0.0003	0.0000	0.2182
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2827	0.0797	0.2179	0.1792	0.5300
krvskp		0.9655	0.0345	0.9657	0.9310	0.1983
la1s-wc		0.6444	0.1185	0.6200	0.5634	0.4753
la2s-wc		0.6887	0.1038	0.7239	0.6188	0.3745
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6765	0.0281	0.6430	0.6603	0.0795
led24		0.5500	0.0900	0.5405	0.4972	0.1989
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8240	0.0135	0.8257	0.8169	0.1878
leukemia		0.4286	0.3810	0.4545	0.1765	0.3571
leukemia2		0.0000	1.0000	0.0000	-0.9600	0.9852
libra		0.5556	0.0593	0.5372	0.5224	0.1866
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0001
liver		0.7647	0.2353	0.7455	0.4868	0.7356
loan		0.9391	0.0609	0.9359	0.8713	0.3213
localization		0.5029	0.0904	0.2355	0.3347	0.4544
localization10%		0.4921	0.0923	0.2167	0.3210	0.4748
lrs		0.6981	0.0863	0.4083	0.5734	0.2842
lung		0.2857	0.2857	0.1682	-0.0362	0.3768
lung_discrete		0.0000	0.4000	0.0000	-0.1852	0.5833
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		0.5500	0.1800	0.2218	0.2105	0.3263
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.5556	0.4444	0.6667	0.1818	0.3900
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2		0.2222	0.2593	0.1852	0.0455	0.2765
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.5538	0.4462	0.5541	0.1077	0.9637

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
magic04		0.8532	0.1468	0.8359	0.6681	0.5571
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6634	0.2244	0.6650	0.4813	0.5134
math		0.8750	0.0625	0.7944	0.8082	0.2271
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.7130	0.2870	0.7074	0.4148	0.8072
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		0.5556	0.2963	0.4503	0.3208	0.4480
meter-C		0.3333	0.3333	0.1304	0.0182	0.4071
meter-D		0.2778	0.3611	0.2053	0.1136	0.4493
mfeat-fac		0.9750	0.0050	0.9755	0.9722	0.0316
mfeat-fou		0.8100	0.0380	0.8092	0.7889	0.1569
mfeat-kar		0.9300	0.0140	0.9315	0.9222	0.0857
mfeat-mor		0.7150	0.0570	0.7204	0.6833	0.1898
mfeat-pix		0.9200	0.0160	0.9209	0.9111	0.0951
mfeat-zer		0.7900	0.0420	0.7940	0.7667	0.1588
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8302	0.1132	0.8384	0.7323	0.2743
mines		0.5882	0.1647	0.5478	0.4820	0.4024
mobile		0.2692	0.0261	0.3762	0.2544	0.3302
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9879	0.0121	0.9765	0.9525	0.0842
MUT_ci300400a_cdk_ECFP2		0.7446	0.2554	0.7352	0.4694	0.7633
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.6982	0.3018	0.6859	0.3700	0.8276
MUT_ci300400a_cdk_ESTATE		0.7086	0.2914	0.6989	0.3977	0.8153
MUT_ci300400a_cdk_EXTENDED		0.7818	0.2182	0.7756	0.5513	0.7037
MUT_ci300400a_cdk_FCFP2		0.7174	0.2826	0.7061	0.4109	0.8026
MUT_ci300400a_cdk_FCFP4		0.7182	0.2818	0.7066	0.4112	0.8002
MUT_ci300400a_cdk_FCFP6		0.7374	0.2626	0.7273	0.4531	0.7734
MUT_ci300400a_cdk_MACCS		0.7434	0.2566	0.7326	0.4618	0.7600
MUT_ci300400a_cdk_PUBCHEM		0.7988	0.2012	0.7913	0.5806	0.6677
MUT_ci300400a_cdk_STANDARD		0.7796	0.2204	0.7739	0.5478	0.7071
MUT_ci300400a_rdkit_descriptors		0.7231	0.2769	0.7406	0.4589	0.7243
myocardial		0.7353	0.0662	0.2215	0.2653	0.4056
naticusdroid		0.9512	0.0488	0.9513	0.9025	0.2597
NCI60		0.5000	0.1667	0.4545	0.4000	0.1534
nci9		0.0000	0.3333	0.0000	-0.2000	0.4283
ncRNA1%		0.5173	0.0508	0.1278	0.0540	0.5863
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5101	0.4899	0.5096	0.0192	0.9924
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9542	0.0459	0.9437	0.8873	0.2786
NPHA-doctor-visits		0.4861	0.3426	0.2694	-0.0517	0.5491
nursery		0.9144	0.0428	0.7794	0.8732	0.1473
obesity		0.1374	0.2464	0.0345	0.0000	0.4038

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
obs		0.8426	0.0787	0.8854	0.7598	0.1787
occupancy		0.8881	0.1119	0.8402	0.6800	0.5382
Occupancy_Estimation		0.9862	0.0069	0.9556	0.9576	0.0438
oh0-wc		0.3762	0.1248	0.3388	0.3031	0.5311
oh10-wc		0.3429	0.1314	0.2922	0.2568	0.5982
oh15-wc		0.4674	0.1065	0.4484	0.4020	0.4806
oh5-wc		0.2747	0.1451	0.2864	0.1832	0.6315
olive		0.8947	0.0234	0.8811	0.8705	0.1049
opn310k10%		0.9028	0.0972	0.6386	0.2622	0.6500
optdigits		0.9395	0.0121	0.9425	0.9327	0.0827
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.1000	0.0450	0.0761	0.0769	0.2446
orlraws10P		0.1000	0.1800	0.0333	0.0000	0.2980
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr		0.9012	0.0988	0.6173	0.2331	0.6756
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7113	0.2887	0.6994	0.3927	0.7948
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7540	0.2460	0.7533	0.5064	0.7443
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9689	0.0124	0.6949	0.8040	0.0731
parkinson		0.9750	0.0250	0.9745	0.9478	0.1158
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.8421	0.1579	0.8508	0.6587	0.4882
particle		0.3889	0.6111	0.5476	0.0498	0.6642
particle10%		0.9354	0.0646	0.9207	0.8413	0.3650
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.5907	0.1483	0.6102
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.4605	0.5395	0.4846	-0.0250	0.8184
pediatric-leukemia		0.0882	0.2605	0.0439	0.0131	0.4868
pendigits		0.7625	0.0475	0.8217	0.7360	0.1707
period		0.4444	0.5556	0.5000	0.0000	0.8722
period-10f		0.6667	0.3333	0.6582	0.3077	0.8309
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.9142	0.0107	0.9142	0.9084	0.1347
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%		0.9992	0.0008	0.9991	0.9983	0.0077
phone-acc0.1%		0.7159	0.0812	0.6957	0.6671	0.3005
phone-acc1%		0.7133	0.0819	0.6957	0.6638	0.3080
phone-gyr0.1%		0.1450	0.2443	0.2142	0.0187	0.5892
phone-gyr1%		0.1372	0.2465	0.0345	0.0000	0.4034
phoneme		0.8259	0.1741	0.7802	0.5592	0.6579
phy		0.6972	0.3028	0.6972	0.3944	0.8247
pima		0.7500	0.2500	0.7337	0.4412	0.6999
pirvision		0.9922	0.0052	0.9829	0.9751	0.0621
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.7368	0.2632	0.7360	0.4693	0.7643
plrx		0.6667	0.3333	0.4000	-0.1020	0.8617
poker1%		0.4937	0.1447	0.1365	0.0005	0.2796
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.4538	0.5462	0.3855	-0.0497	0.2324
polish-2nd		0.8368	0.1632	0.4808	-0.0271	0.4236
polish-3rd		0.7781	0.2219	0.5603	0.0745	0.4152
polish-4th		0.6235	0.3765	0.5537	0.0470	0.3368
polish-5th		0.2606	0.7394	0.4220	-0.0406	0.3171
polya		0.7903	0.2097	0.7668	0.5311	0.6963

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
popularity			0.5178	0.3215	0.4457	0.1549	0.6400
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.5294	0.4706	0.5299	0.0588	0.9762
prestige			0.5556	0.2963	0.5943	0.3455	0.4672
primary-tumor			0.4545	0.0839	0.4374	0.4000	0.2799
profb			0.7910	0.2090	0.7511	0.4777	0.6529
promoters			0.6000	0.4000	0.5833	0.1667	0.9308
prostate			0.5000	0.5000	0.4785	-0.0426	1.0000
prostate_GE			0.5455	0.4545	0.5500	0.0984	0.9584
puc-rio			0.9105	0.0358	0.8602	0.8789	0.1566
puc-rio10%			0.9234	0.0307	0.8665	0.8963	0.1439
pufs-1281%			0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
rcv110%			0.0002	0.0400	0.0000	0.0000	0.3309
re0-wc			0.6800	0.0492	0.6072	0.6059	0.3941
re1-wc			0.3795	0.0496	0.2381	0.3280	0.4309
rejafada			0.9045	0.0955	0.4749	-0.0465	0.5251
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6372	0.3628	0.6105	0.2130	0.8903
satimage			0.8974	0.0342	0.8811	0.8730	0.1563
satimageF			0.9891	0.0109	0.9726	0.9449	0.1852
satimageT			0.9409	0.0591	0.8190	0.6234	0.4272
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.6667	0.3333	0.7404	0.3721	0.5239
schizo			0.4706	0.5294	0.4697	-0.0588	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8782	0.1218	0.5556	0.1094	0.6522
secondary_mushroom			0.4452	0.5548	0.3081	0.0000	0.5302
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.8788	0.0346	0.8907	0.8584	0.1283
segmentation			0.8515	0.1485	0.8372	0.6743	0.5758
segmentO			0.9913	0.0087	0.9828	0.9655	0.1114
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram			0.8346	0.1654	0.4786	-0.0285	0.7371
sens-2-gram			0.8474	0.1526	0.5962	0.1788	0.7282
sens-3-gram			0.8316	0.1684	0.6054	0.2094	0.7494
sens-4-gram			0.5447	0.4553	0.4814	-0.0259	0.6186
sens-5-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram			0.8342	0.1658	0.5868	0.1688	0.7528
sens-9-gram			0.8289	0.1711	0.5280	0.0500	0.7666
sensorless			0.0774	0.1677	0.0238	-0.0148	0.4863
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8970	0.1030	0.7839	0.5583	0.5531
shuttle			0.9890	0.0032	0.6942	0.9686	0.0833
sick			0.9655	0.0345	0.8435	0.6656	0.3054
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin			0.9567	0.0433	0.9353	0.8703	0.3187
skin10%			0.9530	0.0470	0.9293	0.8585	0.3303
smarket			0.9840	0.0160	0.9842	0.9680	0.0927

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smart-farming			0.2200	0.3900	0.2075	-0.0417	0.8544
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7410	0.0863	0.5843	0.6650	0.1937
sonar			0.5500	0.4500	0.5582	0.1000	0.9018
soybean			0.9265	0.0077	0.8994	0.9193	0.0500
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.7609	0.2391	0.7570	0.5111	0.7309
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.7429	0.2571	0.7625	0.4793	0.6462
spectrometer			0.2692	0.0541	0.1394	0.2248	0.2670
splice-EI			0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE			0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles			0.8000	0.2000	0.7817	0.5612	0.6749
squash-stored			0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored			0.6000	0.2667	0.4575	0.2857	0.1939
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8068	0.1288	0.7678	0.6856	0.3694
steel-b			0.8410	0.1590	0.7585	0.5170	0.6717
steel-d			0.9846	0.0154	0.8820	0.7613	0.4382
steel-k			0.9949	0.0051	0.9921	0.9841	0.0266
steel-o			0.8051	0.1949	0.7785	0.5395	0.6291
steel-p			0.9128	0.0872	0.5721	0.0815	0.5290
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9590	0.0410	0.8834	0.7667	0.4153
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.5278	0.4722	0.5135	0.0208	0.7137
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6350	0.1460	0.3608	0.3981	0.3993
student-depression			0.8366	0.1634	0.8305	0.6598	0.5923
student-habits			0.4200	0.2320	0.1957	0.0798	0.4591
student-weekend			0.3692	0.2523	0.2584	0.1339	0.6479
student-workday			0.6875	0.1250	0.2710	0.1909	0.5837
studentap			0.1538	0.5641	0.1508	-0.2768	0.8358
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.5982	0.0731	0.7124	0.5547	0.2369
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8684	0.1316	0.8578	0.7040	0.5342
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis10%			0.7836	0.2164	0.7115	0.4229	0.7511
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.3529	0.3235	0.3811	0.1343	0.4900
toxicity			0.7647	0.2353	0.7684	0.5211	0.6923
toxicity-13f			0.5882	0.4118	0.5318	0.0630	0.9501
trains			0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion			0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc			0.1220	0.1951	0.0753	-0.0130	0.5098
trec12-wc			0.0645	0.2339	0.0359	-0.1380	0.6023
trec21-wc			0.5152	0.1939	0.2441	0.1685	0.5371
trec23-wc			0.2381	0.2540	0.1639	0.0372	0.4937

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec31-wc			0.2796	0.2401	0.1948	0.0057	0.6217
trec41-wc			0.4205	0.1159	0.3339	0.3124	0.6144
trec45-wc			0.1304	0.1739	0.1096	-0.0078	0.6314
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.8250	0.0875	0.8463	0.7667	0.2246
tvnews1%			0.8692	0.1308	0.8619	0.7228	0.5308
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9660	0.0340	0.6036	0.1281	0.4307
ur3_cobotops_stop			0.9619	0.0381	0.5999	0.1148	0.4218
urban			0.6716	0.0730	0.6212	0.6166	0.2832
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7619	0.1190	0.7514	0.6823	0.2550
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.7500	0.2500	0.7391	0.4706	0.7427
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5455	0.0826	0.6093	0.5000	0.2311
vowelZ			0.8889	0.1111	0.6803	0.3598	0.6693
wap-wc			0.5769	0.0423	0.4365	0.5310	0.3250
warpar10p			0.1538	0.1692	0.0534	0.0530	0.3562
warppie10p			0.1429	0.1714	0.0787	0.0526	0.4058
watch-acc1%			0.7063	0.0839	0.6984	0.6561	0.3357
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr1%			0.2006	0.2284	0.1711	0.0748	0.4779
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8480	0.1013	0.8481	0.7720	0.3566
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8222	0.1185	0.6635	0.6687	0.3896
Weekly			0.9815	0.0185	0.9812	0.9625	0.1262
white-clover			0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9876	0.0124	0.9406	0.8781	0.3356
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5975	0.1342	0.2754	0.3391	0.3932
winequality-white			0.5358	0.1547	0.3286	0.2601	0.4964
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.0625	0.1250	0.0148	0.0000	0.3022
yeast			0.5811	0.0838	0.3942	0.4588	0.3496
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.0763	0.1847	0.0142	0.0000	0.4069

Table 52: Detailed results for GAMLOESS(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1904	0.0771	0.1577	0.1113	0.5476
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.7000	0.3000	0.7000	0.4000	0.8211
ads		0.9573	0.0427	0.9076	0.7972	0.1300
adult		0.8389	0.1611	0.7612	0.5136	0.6404
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.5238	0.4762	0.4385	-0.0639	0.4662
AID_1431_KlekotaRothFingerprinter		0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878		0.5714	0.4286	0.5429	0.0693	0.7210
AID_602330		0.4531	0.5469	0.4483	-0.0252	0.2413
AID_652128		0.3939	0.4040	0.2576	-0.0206	0.4510
AID1284Morered		0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red		0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red		0.9860	0.0140	0.6532	0.2447	0.4187
AID373AID439red		0.9995	0.0005	0.4999	-0.0002	0.3911
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.2857	0.7143	0.2222	-0.2963	0.6098
AID439red		0.7143	0.2857	0.7407	0.3636	0.5000
AID456red		0.9950	0.0050	0.4987	-0.0024	0.5429
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5631	0.1250	0.9054
AID644red		0.6000	0.4000	0.5238	0.0476	0.9294
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.0092	0.9908	0.0091	0.0000	0.0260
AID721morered		0.3333	0.6667	0.2500	-0.4211	0.8208
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.3598	0.6402	0.5442	0.0006	0.0057
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8967	0.1033	0.8538	0.7007	0.4642
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8000	0.0800	0.4244	0.5179	0.2112
all-aml		0.5000	0.5000	0.5000	0.0000	0.9298
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9847	0.0076	0.9729	0.9708	0.0399
anuran-genus		0.8748	0.0313	0.7703	0.7971	0.1422
anuran-species		0.9625	0.0075	0.9383	0.9476	0.0835
anxiety		0.0750	0.2056	0.0713	-0.0422	0.8370
apple-quality		0.7725	0.2275	0.7728	0.5450	0.7118
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.5500	0.4500	0.5616	0.1176	0.9262
arrhythmia		0.5333	0.0933	0.2498	0.1607	0.3990
auction		0.9167	0.0833	0.7984	0.5918	0.5326
audiology		0.7273	0.0496	0.5338	0.6683	0.1205
audit-risk		0.9615	0.0385	0.9607	0.9184	0.1551

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8500	0.0500	0.7120	0.7993	0.1262
avila		0.6703	0.0549	0.7242	0.5758	0.3648
babies		0.4516	0.1567	0.1711	0.1568	0.5027
balance		0.8871	0.0753	0.7647	0.8002	0.3634
bank		0.9124	0.0876	0.7562	0.5032	0.5679
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9147	0.0853	0.9073	0.8099	0.3592
basehock		0.9146	0.0854	0.9151	0.8291	0.3821
bio10%		0.9945	0.0055	0.8815	0.7473	0.4836
biodeg		0.8667	0.1333	0.8625	0.7226	0.5300
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.3904	0.1108	0.1641	0.0130	0.2588
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.6655	0.6667	0.1595
bridges		0.6000	0.1143	0.5853	0.5122	0.2550
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9023	0.0489	0.8992	0.7938	0.2565
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8696	0.1304	0.8695	0.7361	0.5115
cardiotocography		0.8357	0.0329	0.8145	0.8035	0.2108
cardiotocography-nsp		0.8967	0.0689	0.8244	0.7106	0.2848
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6797	0.5444	0.5374
cas_N6512_cdk_ECFP2		0.6897	0.3103	0.6881	0.3762	0.8348
cas_N6512_rdkit_ATOMPAIR		0.7262	0.2738	0.7248	0.4496	0.7864
cas_N6512_RDkit_AtomPair_FP		0.7393	0.2607	0.7369	0.4724	0.7650
cas_N6512_rdkit_AVALON		0.7650	0.2350	0.7651	0.5292	0.7242
cas_N6512_RDkit_Avalon_FP		0.7699	0.2301	0.7693	0.5382	0.7181
cas_N6512_rdkit_descriptors		0.7031	0.2969	0.7050	0.4076	0.8099
cas_N6512_rdkit_FEATMORGAN		0.6959	0.3041	0.6926	0.3835	0.8249
cas_N6512_RDkit_Featmorgan_FP		0.6886	0.3114	0.6869	0.3738	0.8364
cas_N6512_RDkit_FP		0.7132	0.2868	0.7109	0.4215	0.8046
cas_N6512_rdkit_LAYERED		0.7585	0.2415	0.7576	0.5151	0.7370
cas_N6512_RDkit_Layered_FP		0.7515	0.2485	0.7495	0.4985	0.7480
cas_N6512_rdkit_MACCS		0.7573	0.2427	0.7553	0.5071	0.7308
cas_N6512_RDkit_MACCS_FP		0.7638	0.2362	0.7634	0.5264	0.7274
cas_N6512_rdkit_MORGAN		0.7415	0.2585	0.7392	0.4765	0.7603
cas_N6512_RDkit_morgan_FP		0.7132	0.2868	0.7122	0.4242	0.8038
cas_N6512_rdkit_PATTERN		0.7631	0.2369	0.7621	0.5240	0.7300
cas_N6512_RDkit_pattern_FP		0.7653	0.2347	0.7644	0.5287	0.7262
cas_N6512_rdkit_RDKITFP		0.7235	0.2765	0.7225	0.4449	0.7896
cas_N6512_rdkit_TORSION		0.6738	0.3262	0.6716	0.3432	0.8544
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8496	0.1003	0.4276	0.2120	0.3233

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9683	0.0317	0.7755	0.5158	0.3791
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9483	0.0517	0.5970	0.1298	0.4948
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9996	0.0004	0.8740	0.7438	0.2901
chrom191%		0.9982	0.0018	0.4996	-0.0008	0.5346
chrom1910%		0.9991	0.0009	0.7972	0.5942	0.4802
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8330	0.1670	0.7039	0.3726	0.6389
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7053	0.2947	0.6837	0.3670	0.8261
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.5270	0.5127	0.5828
cjs		0.9964	0.0012	0.9962	0.9956	0.0059
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8019	0.0991	0.5619	0.6893	0.3164
climate		0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111		0.3333	0.4444	0.3889	0.0588	0.6701
cm1		0.9000	0.1000	0.6431	0.2424	0.5963
cmc		0.5238	0.3175	0.4889	0.2455	0.7211
cnae-9		0.8426	0.0350	0.8509	0.8229	0.1640
codon_usage		0.8427	0.0286	0.5817	0.8077	0.2171
coil20		0.4931	0.0507	0.5174	0.4663	0.2910
college		0.9481	0.0519	0.9345	0.8690	0.3129
collins		0.9800	0.0027	0.9221	0.9780	0.0058
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.7586	0.2414	0.7398	0.4781	0.7496
colposcopies-2		0.6897	0.3103	0.6766	0.3524	0.8362
colposcopies-3		0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4		0.6897	0.3103	0.6565	0.3040	0.8098
colposcopies-5		0.6552	0.3448	0.5450	0.0823	0.7642
colposcopies-6		0.5517	0.4483	0.5491	0.0959	0.9600
colposcopies-c		0.5172	0.4828	0.4451	-0.1033	0.8750
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
cottonmeloidogyne		0.7933	0.2067	0.7933	0.5865	0.6768
coupon		0.6909	0.3091	0.6815	0.3611	0.8346
covtype10%		0.7327	0.0764	0.6261	0.5600	0.3661
covtypeCD		0.9592	0.0408	0.9110	0.8207	0.3221
covtypeT		0.9610	0.0390	0.8349	0.6606	0.3982
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.4020	0.5980	0.3755	-0.0023	0.0151
crowdsourced		0.6839	0.1054	0.5709	0.5114	0.4808
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.6250	0.0234	0.5713	0.6129	0.0705
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.7963	0.2037	0.7931	0.5858	0.6749
darwin		0.4444	0.5556	0.4430	-0.1111	1.0000
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.6913	0.3087	0.5769	0.1530	0.8424
defect		0.9259	0.0741	0.8515	0.6860	0.3744
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8932	0.1068	0.6926	0.3609	0.6094
depressed		0.8462	0.1538	0.6824	0.1314	0.3015
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.3750	0.4167	0.2000	-0.1765	0.5824
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.8125	0.1250	0.8155	0.7073	0.2390
DIA		0.7833	0.2167	0.7048	0.4091	0.7549
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9654	0.0346	0.8793	0.7283	0.1255
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%		0.4804	0.3464	0.3023	0.0050	0.6858
diabetic10%		0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9777	0.9771	0.0437
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.0000	1.0000	0.0000	-0.9231	0.9710
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.5000	0.5000	0.5000	0.0000	0.9831
dlbcl-stanford		0.8000	0.2000	0.8077	0.5455	0.4011
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5693	0.4307	0.5644	0.1256	0.9465
dota210%		0.5583	0.4417	0.5539	0.1064	0.9600
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7562	0.1625	0.6749	0.5929	0.4866
drug-01		0.3989	0.1717	0.1920	0.0636	0.5730
drug-02		0.5106	0.1398	0.2100	0.1171	0.5657
drug-03		0.6702	0.1099	0.1798	0.0369	0.3987
drug-04		0.5106	0.1398	0.1621	0.0898	0.5335
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4362	0.1611	0.2604	0.2789	0.5548
drug-07		0.4362	0.1879	0.1557	0.0468	0.4417
drug-08		0.5479	0.1292	0.1849	0.1128	0.5397
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5638	0.1246	0.2314	0.1731	0.3745
drug-11		0.8457	0.0441	0.1309	-0.0055	0.2611
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6277	0.1064	0.1837	0.2734	0.3945
drug-14		0.5904	0.1170	0.2395	0.2380	0.5902
drug-15		0.7553	0.0699	0.1245	0.0527	0.2964
drug-16		0.5957	0.1348	0.3260	0.3122	0.4409
drug-17		0.3830	0.1763	0.2521	0.1492	0.5266
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7606	0.0684	0.1234	-0.0134	0.2600
drybean		0.9324	0.0193	0.9437	0.9182	0.1130
ecoli		0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.2740	0.0280	0.8419
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.6242	0.3758	0.6172	0.2335	0.9077

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
eeg10%		0.3333	0.0833	0.3574	0.2647	0.6216
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6712	0.1315	0.6673	0.5770	0.3926
euthyroid		0.9715	0.0285	0.9153	0.8266	0.2470
exon.vs.intron-freq10%		0.9585	0.0415	0.9584	0.9168	0.2312
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.1260	0.1028	0.1113	0.0711	0.7357
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9804	0.0196	0.9807	0.9606	0.1182
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.4000	0.1714	0.3987	0.3023	0.4097
forest		0.8269	0.0865	0.7911	0.7612	0.2230
gas		0.9173	0.0276	0.9351	0.8999	0.0917
gastrointestinal		0.8750	0.0833	0.9107	0.8049	0.1750
gender		0.6105	0.2596	0.3850	0.1543	0.4994
gene		0.9022	0.0652	0.8914	0.8437	0.2736
german		0.7300	0.2700	0.6848	0.3415	0.7524
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.8012	0.1988	0.8011	0.6022	0.6623
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7619	0.0794	0.7470	0.6688	0.2401
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.8421	0.1579	0.8427	0.6816	0.5635
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.5333	0.1667	-0.1111	0.6670
glioma-grade		0.9048	0.0952	0.9033	0.8057	0.4235
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.3333	0.3333	0.2895	0.0854	0.5722
gsalc		0.2222	0.2593	0.0952	0.0597	0.3304
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
har		0.1840	0.3264	0.0622	0.0000	0.3998
har701%		0.8832	0.0334	0.5220	0.8277	0.1375
har7010%		0.8630	0.0391	0.5078	0.7946	0.1534
harth1%		0.5912	0.0681	0.4303	0.4999	0.2996
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.5882	0.4118	0.5662	0.1314	0.9439
health-activity		0.7800	0.1100	0.3343	0.0690	0.1892
heart		0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hERG-121inputs		0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-64inputs		0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs		0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%		0.6900	0.3100	0.6879	0.3750	0.8333
higgs1%		0.6894	0.3106	0.6871	0.3724	0.8320

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
higher		0.2857	0.1786	0.1562	0.1515	0.3505
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8921	0.1079	0.7992	0.5959	0.5699
hiva		0.9031	0.0969	0.5475	0.0834	0.5208
horse		0.7222	0.1852	0.6822	0.5089	0.5149
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.6115	0.2590	0.6234	0.4212	0.5434
htru2		0.9799	0.0201	0.9372	0.8722	0.1956
hypothyroid		0.9655	0.0172	0.6153	0.7915	0.2272
hypothyroidT		0.9867	0.0133	0.9518	0.9020	0.1477
ilpd		0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9600	0.0400	0.9594	0.9188	0.2278
isolet		0.0372	0.0741	0.0028	0.0000	0.4203
jm1		0.8237	0.1763	0.6536	0.1993	0.5462
jvowels		0.9799	0.0045	0.9791	0.9772	0.0350
kc1		0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot		0.6000	0.4000	0.5618	0.1176	0.9288
kc1-class-level-numericdefect		0.3077	0.2769	0.1231	0.0565	0.4823
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7308	0.2692	0.5965	0.1929	0.8287
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9225	0.0775	0.5073	0.0137	0.6654
kddcup991%		0.9984	0.0002	0.8207	0.9973	0.0159
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2870	0.0792	0.2485	0.1918	0.6017
krvskp		0.9655	0.0345	0.9657	0.9310	0.1983
la1s-wc		0.6159	0.1280	0.5850	0.5220	0.5466
la2s-wc		0.6291	0.1236	0.5929	0.5374	0.5135
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7647	0.0205	0.7450	0.7527	0.0537
led24		0.4500	0.1100	0.3676	0.3820	0.2113
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8865	0.0087	0.8864	0.8819	0.1267
leukemia		0.7143	0.1905	0.7490	0.5625	0.3209
leukemia2		0.0000	1.0000	0.0000	-0.9600	0.9852
libra		0.3889	0.0815	0.3800	0.3449	0.2840
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0001
liver		0.7647	0.2353	0.7455	0.4868	0.7356
loan		0.9391	0.0609	0.9359	0.8713	0.3213
localization		0.5178	0.0877	0.2789	0.3555	0.4605
localization10%		0.5231	0.0867	0.2899	0.3655	0.4582
lrs		0.6038	0.1132	0.3705	0.4485	0.3795
lung		0.5238	0.1905	0.2311	0.1358	0.4559
lung_discrete		0.2500	0.3000	0.1818	0.0400	0.4355
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.2500	0.3000	0.1477	-0.0791	0.5035
lung-cancer-harvard2		0.3889	0.6111	0.5000	0.0000	0.5991
lung-cancer-michigan		0.5556	0.4444	0.6667	0.1818	0.3900

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.6562	0.6348	0.1754
lymphoma2		0.2222	0.2593	0.2273	0.0870	0.3351
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.5538	0.4462	0.5541	0.1077	0.9637
magic04		0.8532	0.1468	0.8359	0.6681	0.5571
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6535	0.2310	0.6575	0.4658	0.5272
math		0.7750	0.1125	0.7104	0.6607	0.3213
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.7500	0.1250	0.7819	0.6667	0.2396
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.7130	0.2870	0.7074	0.4148	0.8072
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		0.8889	0.0741	0.8889	0.8302	0.1290
meter-C		0.6111	0.1944	0.5758	0.4857	0.3593
meter-D		0.7778	0.1111	0.7948	0.6897	0.2237
mfeat-fac		0.9700	0.0060	0.9711	0.9667	0.0353
mfeat-fou		0.8000	0.0400	0.8040	0.7778	0.1838
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.7050	0.0590	0.7061	0.6722	0.1921
mfeat-pix		0.9150	0.0170	0.9174	0.9056	0.0970
mfeat-zer		0.7850	0.0430	0.7933	0.7611	0.1258
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9811	0.0126	0.9839	0.9711	0.0518
mines		0.6176	0.1529	0.5896	0.5196	0.3745
mobile		0.6678	0.0119	0.6911	0.6618	0.1453
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.9879	0.0121	0.9765	0.9525	0.0842
MUT_ci300400a_cdk_ECFP2		0.7446	0.2554	0.7352	0.4694	0.7633
MUT_ci300400a_cdk_ECFP4		0.7341	0.2659	0.7277	0.4553	0.7783
MUT_ci300400a_cdk_ECFP6		0.6982	0.3018	0.6859	0.3700	0.8276
MUT_ci300400a_cdk_ESTATE		0.7086	0.2914	0.6989	0.3977	0.8153
MUT_ci300400a_cdk_EXTENDED		0.7818	0.2182	0.7756	0.5513	0.7037
MUT_ci300400a_cdk_FCFP2		0.7174	0.2826	0.7061	0.4109	0.8026
MUT_ci300400a_cdk_FCFP4		0.7182	0.2818	0.7066	0.4112	0.8002
MUT_ci300400a_cdk_FCFP6		0.7374	0.2626	0.7273	0.4531	0.7734
MUT_ci300400a_cdk_MACCS		0.7434	0.2566	0.7326	0.4618	0.7600
MUT_ci300400a_cdk_PUBCHEM		0.7988	0.2012	0.7913	0.5806	0.6677
MUT_ci300400a_cdk_STANDARD		0.7796	0.2204	0.7739	0.5478	0.7071
MUT_ci300400a_rdkit_descriptors		0.7231	0.2769	0.7406	0.4589	0.7243
myocardial		0.8471	0.0382	0.2220	0.2032	0.3590
naticusdroid		0.9512	0.0488	0.9513	0.9025	0.2597
NCI60		0.5000	0.1667	0.3793	0.4000	0.1784
nci9		0.1667	0.2778	0.0833	0.0000	0.3074
ncRNA1%		0.2704	0.0768	0.3522	0.1771	0.6037
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
newspop		0.5101	0.4899	0.5096	0.0192	0.9924
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9542	0.0459	0.9437	0.8873	0.2786
NPHA-doctor-visits		0.4861	0.3426	0.2815	-0.0382	0.6639
nursery		0.9329	0.0336	0.8991	0.9014	0.1395
obesity		0.1659	0.2383	0.0406	0.0000	0.3993
obs		0.8056	0.0972	0.8682	0.7166	0.2157
occupancy		0.8881	0.1119	0.8402	0.6800	0.5382
Occupancy_Estimation		0.9951	0.0025	0.9818	0.9849	0.0115
oh0-wc		0.3366	0.1327	0.2777	0.2392	0.6171
oh10-wc		0.3524	0.1295	0.2893	0.2651	0.5518
oh15-wc		0.2065	0.1587	0.1810	0.1112	0.6651
oh5-wc		0.2198	0.1560	0.2115	0.1256	0.6603
olive		0.9474	0.0117	0.9141	0.9348	0.0376
opn310k10%		0.9028	0.0972	0.6386	0.2622	0.6500
optdigits		0.9698	0.0060	0.9708	0.9664	0.0452
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.6500	0.0175	0.5834	0.6410	0.0613
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9684	0.0316	0.7696	0.5392	0.5390
ozone8hr		0.9012	0.0988	0.6173	0.2331	0.6756
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7113	0.2887	0.6994	0.3927	0.7948
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7540	0.2460	0.7533	0.5064	0.7443
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9781	0.0088	0.8175	0.8696	0.0647
parkinson		0.9750	0.0250	0.9745	0.9478	0.1158
parkinsons		0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small		0.8421	0.1579	0.8508	0.6587	0.4882
particle		0.5924	0.4076	0.5905	0.1656	0.8335
particle10%		0.9354	0.0646	0.9207	0.8413	0.3650
pasture		0.7500	0.1667	0.5714	0.6000	0.1321
pc1		0.9189	0.0811	0.5907	0.1483	0.6102
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.4605	0.5395	0.4539	-0.0789	0.8475
pediatric-leukemia		0.0882	0.2605	0.0861	-0.0540	0.6920
pendigits		0.9763	0.0047	0.9760	0.9737	0.0361
period		0.4444	0.5556	0.5000	0.0000	0.8722
period-10f		0.6667	0.3333	0.6582	0.3077	0.8309
persistency		0.6239	0.3761	0.3842	0.0000	0.4887
personalities		0.9508	0.0061	0.9508	0.9476	0.0835
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%		0.9992	0.0008	0.9991	0.9983	0.0077
phone-acc0.1%		0.7772	0.0637	0.7588	0.7393	0.2226
phone-acc1%		0.7153	0.0813	0.7219	0.6680	0.2794
phone-gyr0.1%		0.7925	0.0593	0.7778	0.7572	0.2249
phone-gyr1%		0.4782	0.1491	0.5063	0.3933	0.4285
phoneme		0.8259	0.1741	0.7802	0.5592	0.6579
phy		0.6972	0.3028	0.6972	0.3944	0.8247
pima		0.7500	0.2500	0.7337	0.4412	0.6999
pirvision		0.9915	0.0057	0.9856	0.9734	0.0747
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.7368	0.2632	0.7360	0.4693	0.7643
plrx		0.6667	0.3333	0.4000	-0.1020	0.8617
poker1%		0.4898	0.1458	0.1339	-0.0072	0.2820
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-1st			0.4538	0.5462	0.3855	-0.0497	0.2324
polish-2nd			0.8368	0.1632	0.4808	-0.0271	0.4236
polish-3rd			0.7781	0.2219	0.5603	0.0745	0.4152
polish-4th			0.6235	0.3765	0.5537	0.0470	0.3368
polish-5th			0.2606	0.7394	0.4220	-0.0406	0.3171
polya			0.7903	0.2097	0.7668	0.5311	0.6963
popularity			0.6749	0.2167	0.4500	0.2577	0.5927
post-operative			0.4444	0.3704	0.2051	-0.1538	0.2170
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.5294	0.4706	0.5299	0.0588	0.9762
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.5152	0.0746	0.4258	0.4562	0.2673
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.7910	0.2090	0.7511	0.4777	0.6529
promoters			0.6000	0.4000	0.5833	0.1667	0.9308
prostate			0.5000	0.5000	0.4785	-0.0426	1.0000
prostate_GE			0.5455	0.4545	0.5500	0.0984	0.9584
puc-rio			0.9394	0.0242	0.9065	0.9185	0.1254
puc-rio10%			0.8841	0.0463	0.8495	0.8475	0.1662
pufs-1281%			0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc			0.5267	0.0728	0.2544	0.3849	0.4403
re1-wc			0.3554	0.0516	0.1190	0.2723	0.3809
rejafada			0.9045	0.0955	0.4749	-0.0465	0.5251
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6372	0.3628	0.6105	0.2130	0.8903
satimage			0.9082	0.0306	0.8947	0.8868	0.1506
satimageF			0.9891	0.0109	0.9726	0.9449	0.1852
satimageT			0.9409	0.0591	0.8190	0.6234	0.4272
scadi			0.8571	0.0571	0.7467	0.8056	0.0503
schiller			0.6667	0.3333	0.7404	0.3721	0.5239
schizo			0.4706	0.5294	0.4697	-0.0588	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8333	0.1667	0.5293	0.0523	0.5880
secondary_mushroom			0.8002	0.1998	0.7971	0.5938	0.6653
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9134	0.0247	0.9203	0.8987	0.1009
segmentation			0.8515	0.1485	0.8372	0.6743	0.5758
segmentO			0.9913	0.0087	0.9828	0.9655	0.1114
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram			0.8346	0.1654	0.4786	-0.0285	0.7371
sens-2-gram			0.8474	0.1526	0.5962	0.1788	0.7282
sens-3-gram			0.8316	0.1684	0.6054	0.2094	0.7494
sens-4-gram			0.5447	0.4553	0.4814	-0.0259	0.6186
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-7-gram			0.8263	0.1737	0.5450	0.0847	0.7689
sens-8-gram			0.8342	0.1658	0.5868	0.1688	0.7528
sens-9-gram			0.8289	0.1711	0.5280	0.0500	0.7666
sensorless			0.4768	0.0951	0.5149	0.4244	0.3560
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8970	0.1030	0.7839	0.5583	0.5531

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
shuttle			0.9909	0.0026	0.6462	0.9743	0.1119
sick			0.9655	0.0345	0.8435	0.6656	0.3054
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin			0.9567	0.0433	0.9353	0.8703	0.3187
skin10%			0.9530	0.0470	0.9293	0.8585	0.3303
smarket			0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming			0.2400	0.3800	0.2284	-0.0171	0.8628
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7554	0.0815	0.6867	0.6849	0.1876
sonar			0.5500	0.4500	0.5582	0.1000	0.9018
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.7630	0.2370	0.7582	0.5142	0.7297
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.7429	0.2571	0.7625	0.4793	0.6462
spectrometer			0.3077	0.0513	0.2428	0.2733	0.2158
splice-EI			0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE			0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles			0.8000	0.2000	0.7817	0.5612	0.6749
squash-stored			0.4000	0.4000	0.2222	0.0625	0.4447
squash-unstored			0.6000	0.2667	0.4706	0.2857	0.2642
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8091	0.1273	0.7725	0.6907	0.3707
steel-b			0.8410	0.1590	0.7585	0.5170	0.6717
steel-d			0.9846	0.0154	0.8820	0.7613	0.4382
steel-k			0.9949	0.0051	0.9921	0.9841	0.0266
steel-o			0.8051	0.1949	0.7785	0.5395	0.6291
steel-p			0.9179	0.0821	0.6063	0.0946	0.4184
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9590	0.0410	0.8834	0.7667	0.4153
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.5278	0.4722	0.5135	0.0208	0.7137
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.5520	0.4480	0.3557	0.0000	0.5174
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6050	0.1580	0.3343	0.3521	0.4737
student-depression			0.8366	0.1634	0.8305	0.6598	0.5923
student-habits			0.3900	0.2440	0.1830	0.0415	0.5254
student-weekend			0.3692	0.2523	0.3213	0.1381	0.6489
student-workday			0.7188	0.1125	0.2575	0.2582	0.4126
studentap			0.3846	0.4103	0.3713	0.0545	0.8060
susy1%			0.4968	0.5032	0.4923	-0.0153	1.0000
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.4000	0.4000	0.4055	0.1000	0.8022
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			1.0000	0.0000	1.0000	1.0000	0.0000
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8684	0.1316	0.8578	0.7040	0.5342
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis10%			0.7836	0.2164	0.7115	0.4229	0.7511
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.3529	0.3235	0.3129	0.1179	0.5979
toxicity			0.7647	0.2353	0.7684	0.5211	0.6923

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity-13f			0.5882	0.4118	0.5318	0.0630	0.9501
trains			0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion			0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc			0.2195	0.1734	0.1231	0.0479	0.4212
trec12-wc			0.2903	0.1774	0.1579	0.1475	0.3989
trec21-wc			0.3333	0.2667	0.2093	0.0535	0.2717
trec23-wc			0.3333	0.2222	0.1736	0.0607	0.4909
trec31-wc			0.3011	0.2330	0.2632	0.1306	0.6848
trec41-wc			0.1705	0.1659	0.1468	0.0564	0.4460
trec45-wc			0.1159	0.1768	0.0669	-0.0125	0.5113
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.7750	0.1125	0.7968	0.7000	0.2755
tvnews1%			0.8692	0.1308	0.8619	0.7228	0.5308
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9660	0.0340	0.6036	0.1281	0.4307
ur3_cobotops_stop			0.9633	0.0367	0.6309	0.1707	0.4131
urban			0.4030	0.1327	0.2987	0.3017	0.5017
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7857	0.1071	0.7734	0.7142	0.1966
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.7500	0.2500	0.7391	0.4706	0.7427
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5455	0.0826	0.6056	0.5000	0.2356
vowelZ			0.8889	0.1111	0.6803	0.3598	0.6693
wap-wc			0.2436	0.0756	0.1492	0.1680	0.4068
warpar10p			0.3077	0.1385	0.2400	0.2353	0.2221
warppie10p			0.2381	0.1524	0.2222	0.1579	0.3390
watch-acc1%			0.7292	0.0774	0.7290	0.6831	0.3025
watch-gyr1%			0.7611	0.0683	0.7568	0.7210	0.2721
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8300	0.1133	0.8301	0.7450	0.3849
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8000	0.1333	0.6333	0.6379	0.5164
Weekly			0.9815	0.0185	0.9812	0.9625	0.1262
weight-lift			0.8364	0.0654	0.8267	0.7918	0.1871
white-clover			0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc			0.9850	0.0075	0.9850	0.9800	0.0385
wilt			0.9876	0.0124	0.9406	0.8781	0.3356
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6164	0.1279	0.4247	0.3762	0.4944
winequality-white			0.5317	0.1561	0.3549	0.2636	0.5489
winnipeg10%			0.3372	0.1894	0.3785	0.1241	0.4225
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.3750	0.0833	0.3569	0.3305	0.1675
yeast			0.5946	0.0811	0.3953	0.4721	0.3127
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9247	0.0151	0.9183	0.9156	0.1111

Table 53: Detailed results for GAMSPLINE(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1880	0.0773	0.1337	0.1026	0.5090
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9573	0.0427	0.9076	0.7972	0.1300
adult		0.8391	0.1609	0.7619	0.5156	0.6412
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_KlekotaRothFingerprinter		0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128		0.8485	0.1010	0.3060	-0.0312	0.3887
AID1284Morered		0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red		0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.2857	0.7143	0.2222	-0.2963	0.6098
AID439red		0.5714	0.4286	0.6818	0.2222	0.4422
AID456red		0.0030	0.9970	0.0030	0.0000	0.0086
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.6030	0.2045	0.8754
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.3333	0.6667	0.2500	-0.4211	0.8208
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
aids		0.9061	0.0939	0.8675	0.7279	0.4270
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7524	0.0990	0.4377	0.4024	0.2667
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.9663	0.0135	0.9604	0.9297	0.1114
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9791	0.0104	0.9466	0.9601	0.0521
anuran-genus		0.9791	0.0052	0.9559	0.9658	0.1042
anuran-species		0.9847	0.0031	0.9576	0.9788	0.0416
anxiety		0.0833	0.2037	0.0827	-0.0334	0.8316
apple-quality		0.7700	0.2300	0.7703	0.5400	0.7157
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.3333	0.1333	0.2442	0.1066	0.7132
auction		0.8971	0.1029	0.7430	0.4771	0.5987
audiology		0.6818	0.0579	0.5455	0.6188	0.1437
audit-risk		0.9487	0.0513	0.9465	0.8929	0.2780
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7500	0.8693	0.0988
avila		0.6670	0.0555	0.6091	0.5303	0.3310

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
babies		0.4919	0.1452	0.1619	0.1931	0.3753
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.9116	0.0884	0.7521	0.4931	0.5669
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9101	0.0899	0.9020	0.8002	0.3834
basehock		0.9246	0.0754	0.9246	0.8492	0.3562
bio10%		0.9945	0.0055	0.8815	0.7473	0.4836
biodeg		0.8571	0.1429	0.8494	0.6986	0.5580
biomed		0.3810	0.6190	0.4541	-0.0380	0.7804
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.9091	0.0909	0.9141	0.8136	0.2846
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.7000	0.0857	0.5073	0.5946	0.1534
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8506	0.0747	0.6296	0.6796	0.3505
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8841	0.1159	0.8828	0.7643	0.4795
cardiotocography		0.8545	0.0291	0.8189	0.8258	0.1720
cardiotocography-nsp		0.9061	0.0626	0.8272	0.7326	0.2766
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5393	0.4190	0.5700
cas_N6512_cdk_ECFP2		0.6897	0.3103	0.6881	0.3762	0.8348
cas_N6512_rdkit_ATOMPAIR		0.7262	0.2738	0.7248	0.4496	0.7864
cas_N6512_RDkit_AtomPair_FP		0.7393	0.2607	0.7369	0.4724	0.7650
cas_N6512_rdkit_AVALON		0.7650	0.2350	0.7651	0.5292	0.7242
cas_N6512_RDkit_Avalon_FP		0.7699	0.2301	0.7693	0.5382	0.7181
cas_N6512_rdkit_descriptors		0.7585	0.2415	0.7567	0.5132	0.7378
cas_N6512_rdkit_FEATMORGAN		0.6959	0.3041	0.6926	0.3835	0.8249
cas_N6512_RDkit_Featmorgan_FP		0.6886	0.3114	0.6869	0.3738	0.8364
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.7585	0.2415	0.7576	0.5151	0.7370
cas_N6512_RDkit_Layered_FP		0.7515	0.2485	0.7495	0.4985	0.7480
cas_N6512_rdkit_MACCS		0.7573	0.2427	0.7553	0.5071	0.7308
cas_N6512_RDkit_MACCS_FP		0.7638	0.2362	0.7634	0.5264	0.7274
cas_N6512_rdkit_MORGAN		0.7415	0.2585	0.7392	0.4765	0.7603
cas_N6512_RDkit_morgan_FP		0.7132	0.2868	0.7122	0.4242	0.8038
cas_N6512_rdkit_PATTERN		0.7631	0.2369	0.7621	0.5240	0.7300
cas_N6512_RDkit_pattern_FP		0.7653	0.2347	0.7644	0.5287	0.7262
cas_N6512_rdkit_RDKITFP		0.7235	0.2765	0.7225	0.4449	0.7896
cas_N6512_rdkit_TORSION		0.6738	0.3262	0.6716	0.3432	0.8544
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8501	0.0999	0.4289	0.2154	0.3225
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9683	0.0317	0.7755	0.5158	0.3791
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-H		0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9996	0.0004	0.8774	0.7506	0.2824
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8054	0.6107	0.4619
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8330	0.1670	0.7020	0.3612	0.6245
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7053	0.2947	0.6837	0.3670	0.8261
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.8333	0.1111	0.5686	0.6704	0.3026
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7704	0.1148	0.4942	0.6232	0.3001
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9200	0.0800	0.7382	0.3103	0.1938
cmc		0.5238	0.3175	0.4947	0.2385	0.7078
cnae-9		0.8148	0.0412	0.8352	0.7917	0.1658
codon_usage		0.9163	0.0152	0.7645	0.8982	0.1756
coil20		0.8889	0.0111	0.8875	0.8830	0.0716
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.7200	0.0373	0.6048	0.6939	0.1240
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2		0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3		0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4		0.7241	0.2759	0.6548	0.3095	0.8231
colposcopies-5		0.7931	0.2069	0.6375	0.2750	0.7711
colposcopies-6		0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c		0.5862	0.4138	0.4351	-0.1299	0.9159
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons		0.5197	0.4803	0.3420	0.0000	0.5252
cottonmeloidogyne		0.7885	0.2115	0.7889	0.5771	0.6835
coupon		0.4314	0.5686	0.3014	0.0000	0.5291
covtype10%		0.7141	0.0817	0.5135	0.5203	0.3367
covtypeCD		0.9652	0.0348	0.9245	0.8484	0.2923
covtypeT		0.9618	0.0382	0.8399	0.6731	0.4039
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9272	0.0243	0.8053	0.8469	0.1766
cryotherapy		1.0000	0.0000	1.0000	1.0000	0.0000
cultivars		0.5625	0.0273	0.4922	0.5484	0.0826
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.8148	0.1852	0.8250	0.6341	0.5842
cylinder-bands		0.7963	0.2037	0.7931	0.5858	0.6749
darwin		0.4444	0.5556	0.4430	-0.1111	1.0000
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8187	0.1813	0.6969	0.3506	0.6416
defect		0.9136	0.0864	0.8241	0.6271	0.4273
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8910	0.1090	0.6802	0.3300	0.6090
depressed		0.8322	0.1678	0.4542	0.0000	0.3159

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dermatology		0.9459	0.0180	0.9524	0.9327	0.0608
desharnais		0.8750	0.0833	0.9106	0.7838	0.2032
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6250	0.2500	0.6163	0.4483	0.3623
DIA		0.2500	0.7500	0.2000	0.0000	0.4422
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9664	0.0336	0.8830	0.7388	0.1373
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5000	0.3333	0.3842	0.0535	0.6852
diabetic10%		0.5786	0.2809	0.4280	0.1659	0.5598
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5689	0.4311	0.5640	0.1248	0.9469
dota210%		0.5621	0.4379	0.5577	0.1139	0.9565
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7675	0.1550	0.6845	0.6088	0.4543
drug-01		0.4255	0.1641	0.1706	0.0921	0.5135
drug-02		0.5000	0.1429	0.1582	0.0926	0.5250
drug-03		0.6809	0.1064	0.1570	0.0504	0.3490
drug-04		0.5213	0.1368	0.1808	0.0788	0.4364
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.2578	0.2833	0.4774
drug-07		0.4521	0.1826	0.1589	0.0622	0.3826
drug-08		0.5638	0.1246	0.1991	0.1387	0.4302
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.2220	0.1453	0.3634
drug-11		0.8511	0.0426	0.1317	0.0277	0.1222
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6223	0.1079	0.1752	0.2331	0.3341
drug-14		0.5904	0.1170	0.2794	0.2352	0.4082
drug-15		0.7660	0.0669	0.1495	0.0780	0.1808
drug-16		0.6011	0.1330	0.3233	0.3222	0.4212
drug-17		0.3670	0.1809	0.1768	0.1186	0.4925
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7553	0.0699	0.1233	-0.0042	0.2725
drybean		0.9317	0.0195	0.9434	0.9174	0.1172
ecoli		0.8529	0.0368	0.5371	0.7962	0.1435
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2100	0.3950	0.2131	-0.0529	0.8686
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.7283	0.2717	0.7238	0.4428	0.7744
eeg10%		0.3486	0.0814	0.3591	0.2764	0.5936
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6575	0.1370	0.6536	0.5610	0.3695
euthyroid		0.9715	0.0285	0.9153	0.8266	0.2470
exon.vs.intron-freq10%		0.9591	0.0409	0.9590	0.9180	0.2299
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc		0.5244	0.0560	0.4677	0.4745	0.4833

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9410	0.9200	0.0398
flags		0.3000	0.2000	0.2032	0.1642	0.4777
forest		0.9231	0.0385	0.9006	0.8941	0.1186
gas		0.9734	0.0089	0.9738	0.9678	0.0616
gastrointestinal		1.0000	0.0000	1.0000	1.0000	0.0000
gender		0.6042	0.2639	0.5079	0.1514	0.5081
gene		0.9148	0.0568	0.9031	0.8639	0.2370
german		0.7500	0.2500	0.7110	0.3902	0.7087
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8098	0.1902	0.8098	0.6195	0.6456
glass		0.7619	0.0794	0.8249	0.6789	0.2088
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP		0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8427	0.6816	0.5635
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.8929	0.1071	0.8904	0.7805	0.4593
green		0.4000	0.6000	0.3902	-0.2000	0.9308
grub-damage		0.4000	0.3000	0.3529	0.1818	0.4831
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
har		0.2844	0.2862	0.0886	0.0000	0.3861
har701%		0.8867	0.0324	0.5211	0.8309	0.1388
har7010%		0.8762	0.0354	0.5137	0.8138	0.1461
harth1%		0.8042	0.0326	0.3845	0.7277	0.1787
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.7059	0.2941	0.6916	0.3511	0.7534
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8409	0.1591	0.8410	0.6816	0.5795
hERG-121inputs		0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-64inputs		0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.7036	0.2964	0.7020	0.3996	0.8076
higgs1%		0.6735	0.3265	0.6713	0.3373	0.8434
higher		0.2143	0.1964	0.1273	0.0941	0.3755
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8921	0.1079	0.7992	0.5959	0.5699
hiva		0.8794	0.1206	0.5564	0.0873	0.4663
horse		0.5833	0.2778	0.5468	0.2613	0.6395
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.7009	0.1994	0.7059	0.5519	0.5022
htru2		0.9799	0.0201	0.9374	0.8729	0.2054

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hypothyroid		0.9761	0.0119	0.6925	0.8541	0.3237
hypothyroidT		0.9788	0.0212	0.9211	0.8289	0.0734
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.6667	0.3333	0.5950	0.1818	0.8134
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9800	0.9592	0.1023
jm1		0.8228	0.1772	0.6511	0.1889	0.5388
jvowels		0.9689	0.0069	0.9665	0.9647	0.0495
kc1		0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot		0.6000	0.4000	0.5618	0.1176	0.9288
kc1-class-level-numericdefect		0.3846	0.2462	0.2680	0.1613	0.3463
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7308	0.2692	0.5965	0.1929	0.8287
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.0020	0.1535	0.0003	0.0000	0.2182
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2827	0.0797	0.2179	0.1792	0.5300
krvskp		0.9655	0.0345	0.9657	0.9310	0.1983
la1s-wc		0.6635	0.1122	0.6284	0.5735	0.4721
la2s-wc		0.2517	0.2494	0.0670	0.0000	0.3690
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7353	0.0230	0.7291	0.7233	0.0722
led24		0.5500	0.0900	0.5405	0.4972	0.1989
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8390	0.0124	0.8408	0.8325	0.1753
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.0000	1.0000	0.0000	-0.9600	0.9852
libra		0.5278	0.0630	0.4939	0.4925	0.1892
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9368	0.0632	0.9332	0.8662	0.3295
localization		0.4907	0.0926	0.2023	0.3122	0.4271
localization10%		0.4836	0.0939	0.2002	0.3020	0.4413
lrs		0.6981	0.0863	0.4758	0.5756	0.2644
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.0000	0.4000	0.0000	-0.1852	0.5833
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2		0.2222	0.2593	0.1852	0.0455	0.2765
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.5385	0.4615	0.5385	0.0769	0.9756
magic04		0.8443	0.1557	0.8256	0.6468	0.5766
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6139	0.2574	0.6080	0.4056	0.5560
math		0.8000	0.1000	0.7328	0.6952	0.3164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.7391	0.2609	0.7335	0.4668	0.7701
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.5294	0.4324	0.3331
meter-D		0.7778	0.1111	0.6444	0.6842	0.1638
mfeat-fac		0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-fou		0.8100	0.0380	0.8115	0.7889	0.1775
mfeat-kar		0.9200	0.0160	0.9219	0.9111	0.0956
mfeat-mor		0.7550	0.0490	0.7630	0.7278	0.1797
mfeat-pix		0.9200	0.0160	0.9209	0.9111	0.0951
mfeat-zer		0.8100	0.0380	0.8149	0.7889	0.1396
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5074	0.4414	0.4180
mobile		0.2308	0.0275	0.3264	0.2170	0.3547
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9833	0.0167	0.9677	0.9333	0.0652
MUT_ci300400a_cdk_ECFP2		0.7446	0.2554	0.7352	0.4694	0.7633
MUT_ci300400a_cdk_ECFP4		0.7341	0.2659	0.7277	0.4553	0.7783
MUT_ci300400a_cdk_ECFP6		0.6982	0.3018	0.6859	0.3700	0.8276
MUT_ci300400a_cdk_ESTATE		0.7086	0.2914	0.6989	0.3977	0.8153
MUT_ci300400a_cdk_EXTENDED		0.7818	0.2182	0.7756	0.5513	0.7037
MUT_ci300400a_cdk_FCFP2		0.7174	0.2826	0.7061	0.4109	0.8026
MUT_ci300400a_cdk_FCFP4		0.7182	0.2818	0.7066	0.4112	0.8002
MUT_ci300400a_cdk_FCFP6		0.7374	0.2626	0.7273	0.4531	0.7734
MUT_ci300400a_cdk_MACCS		0.7434	0.2566	0.7326	0.4618	0.7600
MUT_ci300400a_cdk_PUBCHEM		0.7988	0.2012	0.7913	0.5806	0.6677
MUT_ci300400a_cdk_STANDARD		0.7796	0.2204	0.7739	0.5478	0.7071
MUT_ci300400a_rdkit_descriptors		0.8058	0.1942	0.8004	0.6003	0.6568
myocardial		0.8118	0.0471	0.2187	0.2736	0.5841
naticusdroid		0.9512	0.0488	0.9513	0.9025	0.2597
NCI60		0.5000	0.1667	0.4375	0.4000	0.1756
nci9		0.0000	0.3333	0.0000	-0.2000	0.4283
ncRNA1%		0.8559	0.0152	0.2208	0.5685	0.5456
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6602	0.3398	0.6576	0.3144	0.8688
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9527	0.0473	0.9419	0.8839	0.2867
NPHA-doctor-visits		0.4861	0.3426	0.2694	-0.0517	0.5491
nursery		0.9144	0.0428	0.7794	0.8732	0.1473
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.7500	0.1250	0.8212	0.6301	0.2499
occupancy		0.8196	0.1804	0.7341	0.4658	0.7002
Occupancy_Estimation		0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc		0.4257	0.1149	0.3459	0.3482	0.5373
oh10-wc		0.2286	0.1543	0.2661	0.1269	0.6691
oh15-wc		0.4348	0.1130	0.4147	0.3687	0.4989

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
oh5-wc		0.2418	0.1516	0.2269	0.1498	0.6202
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%		0.9152	0.0848	0.6470	0.1989	0.4745
optdigits		0.9288	0.0142	0.9299	0.9209	0.1016
optdigitsZ		0.9947	0.0053	0.9834	0.9668	0.0845
orl		0.1000	0.0450	0.0761	0.0769	0.2446
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9684	0.0316	0.6987	0.3213	0.3858
ozone8hr		0.9091	0.0909	0.6109	0.2123	0.6617
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7113	0.2887	0.6994	0.3927	0.7948
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7540	0.2460	0.7533	0.5064	0.7443
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9689	0.0124	0.8400	0.8189	0.2274
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.8421	0.1579	0.8114	0.6175	0.6233
particle		0.9117	0.0883	0.8904	0.7808	0.4414
particle10%		0.9223	0.0777	0.9048	0.8094	0.4115
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.6277	0.1763	0.4947
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.5658	0.4342	0.5156	0.0294	0.8633
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.9709	0.0058	0.9709	0.9676	0.0476
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.9142	0.0107	0.9142	0.9084	0.1347
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.6976	0.0864	0.6732	0.6451	0.3116
phone-acc1%		0.6606	0.0970	0.6423	0.6020	0.3218
phone-gyr0.1%		0.7272	0.0779	0.7129	0.6798	0.2786
phone-gyr1%		0.1372	0.2465	0.0345	0.0000	0.4034
phoneme		0.8056	0.1944	0.7532	0.5046	0.6985
phy		0.6982	0.3018	0.6982	0.3964	0.8234
pima		0.6974	0.3026	0.6735	0.3063	0.7532
pirvision		0.9321	0.0453	0.8856	0.8118	0.3220
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.7895	0.2105	0.7889	0.5778	0.6844
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4859	0.1469	0.1263	-0.0200	0.2679
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9246	0.0754	0.5315	0.0626	0.6072
polish-2nd		0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd		0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th		0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th		0.9442	0.0558	0.7319	0.3976	0.4050
polya		0.7957	0.2043	0.7734	0.5448	0.6874
popularity		0.6726	0.2182	0.4591	0.2328	0.4837
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.9443	0.0223	0.9444	0.9304	0.1174
pred-tox_mutagen_ref-desc		0.6176	0.3824	0.6179	0.2353	0.9116
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.4545	0.0839	0.4374	0.4000	0.2799

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
profb			0.8060	0.1940	0.7717	0.5087	0.5882
promoters			0.6000	0.4000	0.5833	0.1667	0.9308
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.9222	0.0311	0.8710	0.8949	0.1397
puc-rio10%			0.9324	0.0270	0.8812	0.9087	0.1236
pufs-1281%			0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc			0.6867	0.0482	0.5538	0.6040	0.3715
re1-wc			0.3735	0.0501	0.2111	0.3168	0.5091
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6067	0.3933	0.5739	0.1405	0.9189
RT_IOT2022			0.0163	0.1639	0.0027	0.0000	0.1787
satimage			0.8974	0.0342	0.8806	0.8730	0.1587
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9409	0.0591	0.8168	0.6111	0.3968
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.6667	0.3333	0.7404	0.3721	0.5239
schizo			0.5588	0.4412	0.5648	0.1176	0.9174
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8397	0.1603	0.5976	0.1681	0.5777
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9307	0.0198	0.9393	0.9190	0.0755
segmentation			0.8317	0.1683	0.8155	0.6308	0.6203
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9380	0.0620	0.6847	0.1046	0.1594
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram			0.8661	0.1339	0.5947	0.0793	0.4875
sens-2-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-3-gram			0.8553	0.1447	0.5678	0.0991	0.6711
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8605	0.1395	0.5807	0.1104	0.6333
sens-7-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram			0.8474	0.1526	0.5411	0.0613	0.7067
sens-9-gram			0.8658	0.1342	0.5694	0.0500	0.4928
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8929	0.1071	0.7673	0.5090	0.5275
shuttle			0.9769	0.0066	0.7575	0.9369	0.0700
sick			0.9682	0.0318	0.8573	0.6981	0.2956
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9465	0.0535	0.9197	0.8392	0.3615
skin10%			0.9391	0.0609	0.9077	0.8153	0.3861
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1600	0.4200	0.1631	-0.1218	0.8701
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7410	0.0863	0.5843	0.6650	0.1937
sonar			0.4500	0.5500	0.4475	-0.1000	1.0000
soybean			0.9265	0.0077	0.8994	0.9193	0.0500
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spambase			0.8500	0.1500	0.8421	0.6768	0.5384
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.9429	0.0571	0.9304	0.8511	0.1808
spectrometer			0.1923	0.0598	0.1570	0.1455	0.2909
splice-EI			0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE			0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles			0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5385	0.5455	0.2005
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8176	0.1216	0.7787	0.7030	0.3513
steel-b			0.8410	0.1590	0.7504	0.4989	0.6702
steel-d			0.9897	0.0103	0.9069	0.7950	0.0398
steel-k			0.9949	0.0051	0.9921	0.9841	0.0266
steel-o			0.8000	0.2000	0.7722	0.5291	0.6469
steel-p			0.9436	0.0564	0.8075	0.6146	0.5232
steel-s			0.9744	0.0256	0.8122	0.6029	0.3542
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8958	0.1042	0.8214	0.6426	0.5583
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6500	0.1400	0.3743	0.4273	0.3925
student-depression			0.8387	0.1613	0.8327	0.6643	0.5874
student-habits			0.4100	0.2360	0.1887	0.0632	0.4630
student-weekend			0.3538	0.2585	0.2349	0.1070	0.6947
student-workday			0.7031	0.1187	0.2667	0.2419	0.5421
studentap			0.1538	0.5641	0.1508	-0.2768	0.8358
susy1%			0.8054	0.1946	0.8044	0.6039	0.6398
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9891	0.0020	0.9897	0.9880	0.0161
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9074	0.8131	0.4145
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis10%			0.8209	0.1791	0.7588	0.5176	0.6891
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.7647	0.2353	0.7684	0.5211	0.6923
toxicity-13f			0.6471	0.3529	0.5597	0.0893	0.8324
trains			0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion			0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc			0.1220	0.1951	0.0753	-0.0130	0.5098
trec12-wc			0.0645	0.2339	0.0359	-0.1380	0.6023
trec21-wc			0.0303	0.3879	0.0154	-0.0086	0.4349
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.2796	0.2401	0.1948	0.0057	0.6217
trec41-wc			0.1023	0.1795	0.0186	0.0000	0.3474
trec45-wc			0.1304	0.1739	0.1096	-0.0078	0.6314
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.8000	0.1000	0.8115	0.7333	0.2881
tvnews1%			0.9462	0.0538	0.9435	0.8859	0.2962
tvnews10%			0.9052	0.0948	0.8974	0.7944	0.4264
ur3_cobotops_grip			0.9687	0.0313	0.6812	0.0776	0.0951

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ur3_cobotops_stop			0.9660	0.0340	0.6856	0.3106	0.4363
urban			0.6119	0.0862	0.5104	0.5446	0.3283
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
vehicle			0.7738	0.1131	0.7635	0.6987	0.2036
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.7500	0.2500	0.7391	0.4706	0.7427
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5556	0.0808	0.6198	0.5111	0.2030
vowelZ			0.9495	0.0505	0.8400	0.6784	0.4613
wap-wc			0.6410	0.0359	0.4773	0.6012	0.3001
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.7040	0.0846	0.6956	0.6534	0.3342
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr1%			0.6928	0.0878	0.6855	0.6408	0.3257
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8380	0.1080	0.8381	0.7570	0.3712
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8222	0.1185	0.6635	0.6687	0.3896
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
white-clover			0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9876	0.0124	0.9444	0.8824	0.3522
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6101	0.1300	0.2808	0.3621	0.4383
winequality-white			0.5276	0.1575	0.3078	0.2477	0.5487
wisc_bc			0.9474	0.0526	0.9478	0.8902	0.2605
yale			0.0625	0.1250	0.0148	0.0000	0.3022
yeast			0.5946	0.0811	0.3994	0.4738	0.3152
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.8817	0.0237	0.8775	0.8672	0.1616

Table 54: Detailed results for GAMSPLINE(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1928	0.0769	0.1468	0.1138	0.5227
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.8000	0.2000	0.8000	0.6000	0.6644
ads		0.9604	0.0396	0.9145	0.8136	0.1233
adult		0.8391	0.1609	0.7619	0.5156	0.6412
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8810	0.1190	0.5325	0.0597	0.7131
AID_1431_KlekotaRothFingerprinter		0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878		0.7905	0.2095	0.5065	0.0086	0.7569
AID_602330		0.9062	0.0938	0.5274	0.0526	0.5840
AID_652128		0.8283	0.1145	0.3615	0.0394	0.6136
AID1284Morered		0.7500	0.2500	0.4286	-0.1408	0.8101
AID1284red		0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608Morered		0.8447	0.1553	0.5668	0.1225	0.6146
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.2857	0.7143	0.2222	-0.2963	0.6098
AID439red		0.5714	0.4286	0.6818	0.2222	0.4422
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.6030	0.2045	0.8754
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.3333	0.6667	0.2500	-0.4211	0.8208
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
aids		0.9061	0.0939	0.8675	0.7279	0.4270
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8095	0.0762	0.4616	0.5538	0.1866
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.9775	0.0090	0.9742	0.9538	0.1270
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9777	0.0111	0.9664	0.9574	0.0535
anuran-genus		0.9736	0.0066	0.9293	0.9564	0.1237
anuran-species		0.9847	0.0031	0.9662	0.9788	0.0552
anxiety		0.0667	0.2074	0.0658	-0.0520	0.8423
apple-quality		0.7700	0.2300	0.7703	0.5400	0.7157
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.5111	0.0978	0.1735	0.1024	0.4174
auction		0.8971	0.1029	0.7430	0.4771	0.5987
audiology		0.7273	0.0496	0.5338	0.6683	0.1205
audit-risk		0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7399	0.8662	0.0737
avila		0.7139	0.0477	0.7195	0.6029	0.3379
babies		0.4839	0.1475	0.1850	0.1956	0.5081
balance		0.8871	0.0753	0.7647	0.8002	0.3634
bank		0.9116	0.0884	0.7521	0.4931	0.5669
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9101	0.0899	0.9019	0.8007	0.3894
basehock		0.9296	0.0704	0.9297	0.8593	0.3385
bio10%		0.9945	0.0055	0.8815	0.7473	0.4836
biodeg		0.8476	0.1524	0.8403	0.6800	0.5791
biomed		0.5714	0.4286	0.6058	0.1888	0.8514
bitcoin1%		0.9856	0.0041	0.1418	-0.0004	0.1296
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.9091	0.0909	0.9141	0.8136	0.2846
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.9091	0.0303	0.9167	0.8889	0.0434
bridges		0.6000	0.1143	0.5570	0.5122	0.2470
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9023	0.0489	0.8992	0.7938	0.2565
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography		0.8592	0.0282	0.8385	0.8310	0.1760
cardiotocography-nsp		0.9014	0.0657	0.8332	0.7261	0.2783
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8000	0.1333	0.7308	0.6355	0.4736
cas_N6512_cdk_ECFP2		0.6897	0.3103	0.6881	0.3762	0.8348
cas_N6512_rdkit_ATOMPAIR		0.7262	0.2738	0.7248	0.4496	0.7864
cas_N6512_RDkit_AtomPair_FP		0.7393	0.2607	0.7369	0.4724	0.7650
cas_N6512_rdkit_AVALON		0.7650	0.2350	0.7651	0.5292	0.7242
cas_N6512_RDkit_Avalon_FP		0.7699	0.2301	0.7693	0.5382	0.7181
cas_N6512_rdkit_descriptors		0.7585	0.2415	0.7567	0.5132	0.7378
cas_N6512_rdkit_FEATMORGAN		0.6959	0.3041	0.6926	0.3835	0.8249
cas_N6512_RDkit_Featmorgan_FP		0.6886	0.3114	0.6869	0.3738	0.8364
cas_N6512_RDkit_FP		0.7132	0.2868	0.7109	0.4215	0.8046
cas_N6512_rdkit_LAYERED		0.7585	0.2415	0.7576	0.5151	0.7370
cas_N6512_RDkit_Layered_FP		0.7515	0.2485	0.7495	0.4985	0.7480
cas_N6512_rdkit_MACCS		0.7573	0.2427	0.7553	0.5071	0.7308
cas_N6512_RDkit_MACCS_FP		0.7638	0.2362	0.7634	0.5264	0.7274
cas_N6512_rdkit_MORGAN		0.7415	0.2585	0.7392	0.4765	0.7603
cas_N6512_RDkit_morgan_FP		0.7132	0.2868	0.7122	0.4242	0.8038
cas_N6512_rdkit_PATTERN		0.7631	0.2369	0.7621	0.5240	0.7300
cas_N6512_RDkit_pattern_FP		0.7653	0.2347	0.7644	0.5287	0.7262
cas_N6512_rdkit_RDKITFP		0.7235	0.2765	0.7225	0.4449	0.7896
cas_N6512_rdkit_TORSION		0.6738	0.3262	0.6716	0.3432	0.8544
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8501	0.0999	0.4288	0.2144	0.3220
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9683	0.0317	0.7755	0.5158	0.3791
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9996	0.0004	0.8774	0.7506	0.2824
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8054	0.6107	0.4619
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8330	0.1670	0.7020	0.3612	0.6245
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7053	0.2947	0.6837	0.3670	0.8261
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.5169	0.4978	0.5129
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8019	0.0991	0.5619	0.6893	0.3164
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678
cm1		0.9200	0.0800	0.7382	0.3103	0.1938
cmc		0.5102	0.3265	0.4801	0.2260	0.7302
cnae-9		0.8426	0.0350	0.8509	0.8229	0.1640
codon_usage		0.9018	0.0179	0.7479	0.8807	0.1950
coil20		0.5208	0.0479	0.5229	0.4955	0.2764
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.9800	0.0027	0.9221	0.9780	0.0058
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2		0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3		0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4		0.6552	0.3448	0.6009	0.1989	0.8605
colposcopies-5		0.8276	0.1724	0.7217	0.4402	0.7050
colposcopies-6		0.6552	0.3448	0.6656	0.2995	0.7967
colposcopies-c		0.6552	0.3448	0.4777	-0.0432	0.9116
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne		0.7885	0.2115	0.7889	0.5771	0.6835
coupon		0.6909	0.3091	0.6815	0.3611	0.8346
covtype10%		0.7325	0.0764	0.6261	0.5599	0.3777
covtypeCD		0.9652	0.0348	0.9245	0.8484	0.2923
covtypeT		0.9618	0.0382	0.8399	0.6731	0.4039
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9346	0.0218	0.8568	0.8646	0.1740
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.6875	0.0195	0.6342	0.6774	0.0567
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.7778	0.2222	0.7761	0.5506	0.7038
darwin		0.4444	0.5556	0.4430	-0.1111	1.0000
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8187	0.1813	0.6969	0.3506	0.6416
defect		0.9136	0.0864	0.8241	0.6271	0.4273
dementia		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
deposit		0.8927	0.1073	0.6880	0.3477	0.6051
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.8125	0.1250	0.8155	0.7073	0.2390
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9664	0.0336	0.8830	0.7388	0.1373
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%		0.5196	0.3203	0.3999	0.0906	0.6753
diabetic10%		0.5717	0.2855	0.4291	0.1544	0.5631
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5685	0.4315	0.5636	0.1240	0.9471
dota210%		0.5612	0.4388	0.5567	0.1118	0.9572
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7720	0.1520	0.6993	0.6191	0.4573
drug-01		0.4096	0.1687	0.1869	0.0762	0.5590
drug-02		0.5160	0.1383	0.2218	0.1151	0.5472
drug-03		0.6596	0.1135	0.1538	0.0143	0.4244
drug-04		0.5160	0.1383	0.1744	0.0827	0.5034
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4309	0.1626	0.2425	0.2728	0.5214
drug-07		0.4468	0.1844	0.1551	0.0531	0.3825
drug-08		0.5638	0.1246	0.1881	0.1317	0.3951
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.2252	0.1522	0.3661
drug-11		0.8511	0.0426	0.1317	0.0277	0.1222
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6277	0.1064	0.1812	0.2695	0.3638
drug-14		0.5745	0.1216	0.2311	0.2215	0.5522
drug-15		0.7553	0.0699	0.1480	0.0507	0.3446
drug-16		0.5957	0.1348	0.2904	0.3060	0.4122
drug-17		0.3564	0.1839	0.1606	0.1077	0.5360
drug-18		0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19		0.7553	0.0699	0.1229	-0.0198	0.2767
drybean		0.9331	0.0191	0.9442	0.9191	0.1121
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2500	0.3750	0.2509	0.0019	0.8335
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.7283	0.2717	0.7238	0.4428	0.7744
eeg10%		0.3807	0.0774	0.4291	0.3145	0.6123
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6301	0.1479	0.5924	0.5233	0.4390
euthyroid		0.9715	0.0285	0.9153	0.8266	0.2470

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
exon.vs.intron-freq10%		0.9591	0.0409	0.9590	0.9180	0.2299
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.0976	0.1062	0.0891	0.0422	0.7377
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.3500	0.1857	0.2500	0.1558	0.4177
forest		0.8846	0.0577	0.8582	0.8402	0.1644
gas		0.9856	0.0048	0.9862	0.9826	0.0355
gastrointestinal		0.8750	0.0833	0.9107	0.8049	0.1750
gender		0.6000	0.2667	0.3798	0.1433	0.5124
gene		0.9022	0.0652	0.8914	0.8437	0.2736
german		0.7400	0.2600	0.6980	0.3612	0.7202
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.8012	0.1988	0.8012	0.6023	0.6620
glass		0.7619	0.0794	0.8039	0.6828	0.2650
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP		0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM		0.8421	0.1579	0.8427	0.6816	0.5635
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.9048	0.0952	0.9033	0.8057	0.4235
green		0.4000	0.6000	0.3902	-0.2000	0.9308
grub-damage		0.3333	0.3333	0.2895	0.0854	0.5722
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
har		0.2844	0.2862	0.0886	0.0000	0.3861
har701%		0.8920	0.0308	0.5274	0.8411	0.1288
har7010%		0.8893	0.0316	0.5241	0.8364	0.1357
harth1%		0.8352	0.0275	0.4290	0.7734	0.1731
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8409	0.1591	0.8410	0.6816	0.5795
hERG-121inputs		0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-64inputs		0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.7036	0.2964	0.7020	0.3996	0.8076
higgs1%		0.6735	0.3265	0.6713	0.3373	0.8434
higher		0.2857	0.1786	0.1562	0.1515	0.3505
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8921	0.1079	0.7992	0.5959	0.5699
hiva		0.9031	0.0969	0.5475	0.0834	0.5208
horse		0.6667	0.2222	0.6281	0.4106	0.5839

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.7086	0.1943	0.7126	0.5627	0.5033
htru2		0.9799	0.0201	0.9374	0.8729	0.2054
hypothyroid		0.9841	0.0080	0.7145	0.9052	0.1615
hypothyroidT		0.9788	0.0212	0.9211	0.8289	0.0734
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.6667	0.3333	0.5950	0.1818	0.8134
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9800	0.9592	0.1023
jm1		0.8209	0.1791	0.6455	0.1720	0.5323
jvowels		0.9769	0.0051	0.9760	0.9738	0.0389
kc1		0.8531	0.1469	0.6523	0.2484	0.6183
kc1-class-level-defectiveornot		0.6000	0.4000	0.5618	0.1176	0.9288
kc1-class-level-numericdefect		0.3077	0.2769	0.1231	0.0565	0.4823
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.6126	0.2248	0.8173
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.0020	0.1535	0.0003	0.0000	0.2182
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2870	0.0792	0.2485	0.1918	0.6017
krvskp		0.9655	0.0345	0.9657	0.9310	0.1983
la1s-wc		0.6127	0.1291	0.5912	0.5212	0.5254
la2s-wc		0.2517	0.2494	0.0670	0.0000	0.3690
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7353	0.0230	0.7486	0.7231	0.0741
led24		0.4500	0.1100	0.3676	0.3820	0.2113
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8995	0.0077	0.9000	0.8954	0.1147
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		0.0000	1.0000	0.0000	-0.9600	0.9852
libra		0.3889	0.0815	0.3800	0.3449	0.2840
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0001
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9368	0.0632	0.9332	0.8662	0.3295
localization		0.5181	0.0876	0.2832	0.3560	0.4663
localization10%		0.5127	0.0886	0.2959	0.3479	0.4441
lrs		0.6226	0.1078	0.3976	0.4711	0.3474
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.2500	0.3000	0.1818	0.0400	0.4355
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.6562	0.6348	0.1754
lymphoma2		0.2222	0.2593	0.2273	0.0870	0.3351
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5577	0.4423	0.5579	0.1154	0.9612
magic04		0.8443	0.1557	0.8256	0.6468	0.5766
malware		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6238	0.2508	0.6227	0.4195	0.5464
math		0.8000	0.1000	0.7493	0.6938	0.3541
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.7500	0.1250	0.7819	0.6667	0.2396
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.7391	0.2609	0.7335	0.4668	0.7701
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		0.8889	0.0741	0.8889	0.8302	0.1290
meter-C		0.8333	0.0833	0.6637	0.7621	0.1359
meter-D		0.8333	0.0833	0.8451	0.7682	0.1516
mfeat-fac		0.9700	0.0060	0.9711	0.9667	0.0353
mfeat-fou		0.8000	0.0400	0.8043	0.7778	0.1787
mfeat-kar		0.9650	0.0070	0.9655	0.9611	0.0445
mfeat-mor		0.7100	0.0580	0.7118	0.6778	0.2030
mfeat-pix		0.9150	0.0170	0.9174	0.9056	0.0970
mfeat-zer		0.7900	0.0420	0.7999	0.7667	0.1355
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5428	0.4481	0.3990
mobile		0.6154	0.0137	0.6321	0.6084	0.1706
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.9833	0.0167	0.9677	0.9333	0.0652
MUT_ci300400a_cdk_ECFP2		0.7446	0.2554	0.7352	0.4694	0.7633
MUT_ci300400a_cdk_ECFP4		0.7341	0.2659	0.7277	0.4553	0.7783
MUT_ci300400a_cdk_ECFP6		0.6982	0.3018	0.6859	0.3700	0.8276
MUT_ci300400a_cdk_ESTATE		0.7086	0.2914	0.6989	0.3977	0.8153
MUT_ci300400a_cdk_EXTENDED		0.7818	0.2182	0.7756	0.5513	0.7037
MUT_ci300400a_cdk_FCFP2		0.7174	0.2826	0.7061	0.4109	0.8026
MUT_ci300400a_cdk_FCFP4		0.7182	0.2818	0.7066	0.4112	0.8002
MUT_ci300400a_cdk_FCFP6		0.7374	0.2626	0.7273	0.4531	0.7734
MUT_ci300400a_cdk_MACCS		0.7434	0.2566	0.7326	0.4618	0.7600
MUT_ci300400a_cdk_PUBCHEM		0.7988	0.2012	0.7913	0.5806	0.6677
MUT_ci300400a_cdk_STANDARD		0.7796	0.2204	0.7739	0.5478	0.7071
MUT_ci300400a_rdkit_descriptors		0.8058	0.1942	0.8004	0.6003	0.6568
myocardial		0.8529	0.0368	0.2087	0.1719	0.1183
naticusdroid		0.9512	0.0488	0.9513	0.9025	0.2597
NCI60		0.5000	0.1667	0.3793	0.4000	0.1784
nci9		0.1667	0.2778	0.0833	0.0000	0.3074
ncRNA1%		0.8880	0.0118	0.3749	0.6709	0.4992
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6645	0.3355	0.6619	0.3231	0.8640
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9527	0.0473	0.9419	0.8839	0.2867
NPHA-doctor-visits		0.4861	0.3426	0.2815	-0.0382	0.6639
nursery		0.9329	0.0336	0.8991	0.9014	0.1395
obesity		0.1659	0.2383	0.0406	0.0000	0.3993
obs		0.8981	0.0509	0.9259	0.8470	0.1467
occupancy		0.8196	0.1804	0.7341	0.4658	0.7002

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
Occupancy_Estimation		0.9941	0.0030	0.9789	0.9820	0.0350
oh0-wc		0.3564	0.1287	0.3108	0.2589	0.6426
oh10-wc		0.3524	0.1295	0.3036	0.2656	0.5651
oh15-wc		0.1957	0.1609	0.1679	0.0998	0.6444
oh5-wc		0.2308	0.1538	0.2310	0.1395	0.6635
olive		0.9474	0.0117	0.9141	0.9348	0.0376
opn310k10%		0.9152	0.0848	0.6470	0.1989	0.4745
optdigits		0.9680	0.0064	0.9693	0.9644	0.0468
optdigitsZ		0.9929	0.0071	0.9780	0.9561	0.1305
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9684	0.0316	0.6987	0.3213	0.3858
ozone8hr		0.9091	0.0909	0.6109	0.2123	0.6617
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7113	0.2887	0.6994	0.3927	0.7948
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7540	0.2460	0.7533	0.5064	0.7443
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9726	0.0110	0.8864	0.8355	0.2302
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.9117	0.0883	0.8904	0.7808	0.4414
particle10%		0.9223	0.0777	0.9048	0.8094	0.4115
pasture		0.7500	0.1667	0.5714	0.6000	0.1321
pc1		0.9279	0.0721	0.6277	0.1763	0.4947
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.5658	0.4342	0.5156	0.0294	0.8633
pediatric-leukemia		0.2353	0.2185	0.0544	0.0000	0.3686
pendigits		0.9818	0.0036	0.9819	0.9798	0.0314
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.6239	0.3761	0.3842	0.0000	0.4887
personalities		0.9508	0.0061	0.9508	0.9476	0.0835
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.7588	0.0689	0.7393	0.7178	0.2467
phone-acc1%		0.7664	0.0667	0.7470	0.7268	0.2341
phone-gyr0.1%		0.7861	0.0611	0.7693	0.7495	0.2275
phone-gyr1%		0.7887	0.0604	0.7739	0.7526	0.2237
phoneme		0.8056	0.1944	0.7532	0.5046	0.6985
phy		0.6982	0.3018	0.6982	0.3964	0.8234
pima		0.6974	0.3026	0.6735	0.3063	0.7532
pirvision		0.9967	0.0022	0.9943	0.9897	0.0321
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.7895	0.2105	0.7889	0.5778	0.6844
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9388	0.0612	0.5277	0.0542	0.6363
polish-2nd		0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd		0.9457	0.0543	0.5568	0.0771	0.5469
polish-4th		0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th		0.8816	0.1184	0.6811	0.3371	0.6183
polya		0.7957	0.2043	0.7732	0.5441	0.6868
popularity		0.6744	0.2171	0.4501	0.2399	0.4988
post-operative		0.4444	0.3704	0.2051	-0.1538	0.2170

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
postures			0.9762	0.0095	0.9761	0.9702	0.0600
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7215	0.4412	0.7888
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.5152	0.0746	0.4258	0.4562	0.2673
profb			0.7910	0.2090	0.7511	0.4777	0.6529
promoters			0.6000	0.4000	0.5833	0.1667	0.9308
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio			0.9494	0.0202	0.9185	0.9319	0.1085
puc-rio10%			0.9541	0.0183	0.9184	0.9384	0.0927
pufs-1281%			0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.5733	0.0656	0.3207	0.4287	0.4270
re1-wc			0.4157	0.0467	0.1407	0.3196	0.4508
rejafada			0.9598	0.0402	0.4897	-0.0089	0.4791
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6067	0.3933	0.5739	0.1405	0.9189
RT_IOT2022			0.9905	0.0016	0.9298	0.9761	0.0103
satimage			0.9082	0.0306	0.8939	0.8868	0.1570
satimageF			0.9891	0.0109	0.9721	0.9442	0.1683
satimageT			0.9409	0.0591	0.8168	0.6111	0.3968
scadi			0.7143	0.1143	0.4800	0.6111	0.1006
schiller			0.6667	0.3333	0.7404	0.3721	0.5239
schizo			0.5588	0.4412	0.5648	0.1176	0.9174
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8269	0.1731	0.5905	0.1508	0.5619
secondary_mushroom			0.8027	0.1973	0.7997	0.5989	0.6607
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9567	0.0124	0.9612	0.9494	0.0608
segmentation			0.8317	0.1683	0.8166	0.6331	0.6212
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9380	0.0620	0.6847	0.1046	0.1594
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram			0.8661	0.1339	0.5947	0.0793	0.4875
sens-2-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-3-gram			0.8553	0.1447	0.5678	0.0991	0.6711
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8447	0.1553	0.5679	0.1187	0.7302
sens-9-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8929	0.1071	0.7673	0.5090	0.5275
shuttle			0.9955	0.0013	0.7234	0.9874	0.1390
sick			0.9682	0.0318	0.8573	0.6981	0.2956
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9465	0.0535	0.9197	0.8392	0.3615
skin10%			0.9391	0.0609	0.9077	0.8153	0.3861
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1600	0.4200	0.1633	-0.1182	0.8480
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7554	0.0815	0.6867	0.6849	0.1876
sonar			0.5000	0.5000	0.5000	0.0000	0.9713
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8500	0.1500	0.8421	0.6768	0.5384
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.9429	0.0571	0.9304	0.8511	0.1808
spectrometer			0.3077	0.0513	0.2428	0.2733	0.2158
splice-EI			0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE			0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles			0.8300	0.1700	0.8142	0.6205	0.5925
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			0.6000	0.2667	0.4706	0.2857	0.2642
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8205	0.1197	0.7844	0.7089	0.3554
steel-b			0.8359	0.1641	0.7363	0.4678	0.6776
steel-d			0.9897	0.0103	0.9069	0.7950	0.0398
steel-k			0.9949	0.0051	0.9921	0.9841	0.0266
steel-o			0.8000	0.2000	0.7722	0.5291	0.6469
steel-p			0.9436	0.0564	0.8075	0.6146	0.5232
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8750	0.1250	0.7826	0.5645	0.6152
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.5520	0.4480	0.3557	0.0000	0.5174
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6400	0.1440	0.3617	0.4048	0.3919
student-depression			0.8387	0.1613	0.8327	0.6643	0.5874
student-habits			0.4200	0.2320	0.1932	0.0791	0.4622
student-weekend			0.4000	0.2400	0.2858	0.1691	0.5885
student-workday			0.7031	0.1187	0.2457	0.2352	0.4709
studentap			0.3846	0.4103	0.3713	0.0545	0.8060
susy1%			0.8054	0.1946	0.8044	0.6039	0.6398
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			1.0000	0.0000	1.0000	1.0000	0.0000
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9074	0.8131	0.4145
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis10%			0.8209	0.1791	0.7588	0.5176	0.6891
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.7647	0.2353	0.7684	0.5211	0.6923
toxicity-13f			0.5882	0.4118	0.4903	-0.0171	0.9466
trains			0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion			0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3333	0.2222	0.2814	0.1680	0.6556
trec41-wc			0.1932	0.1614	0.1376	0.0657	0.5509

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec45-wc			0.2319	0.1536	0.0395	0.0044	0.3666
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.7500	0.1250	0.7574	0.6667	0.3238
tvnews1%			0.9385	0.0615	0.9347	0.8690	0.3256
tvnews10%			0.9052	0.0948	0.8974	0.7944	0.4264
ur3_cobotops_grip			0.9687	0.0313	0.6812	0.0776	0.0951
ur3_cobotops_stop			0.9660	0.0340	0.6856	0.3106	0.4363
urban			0.4030	0.1327	0.2984	0.3023	0.4790
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7738	0.1131	0.7718	0.6994	0.2242
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.7500	0.2500	0.7391	0.4706	0.7427
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5758	0.0771	0.6145	0.5333	0.2280
vowelZ			0.9495	0.0505	0.8400	0.6784	0.4613
wap-wc			0.2500	0.0750	0.2051	0.1961	0.5021
warpar10p			0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.7546	0.0701	0.7472	0.7128	0.2760
watch-gyr1%			0.7611	0.0683	0.7548	0.7209	0.2623
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8400	0.1067	0.8401	0.7600	0.3703
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8000	0.1333	0.6333	0.6379	0.5164
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
white-clover			0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9876	0.0124	0.9444	0.8824	0.3522
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5912	0.1363	0.2834	0.3319	0.4421
winequality-white			0.5440	0.1520	0.3378	0.2803	0.5233
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5946	0.0811	0.3757	0.4737	0.3056
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 55: Detailed results for GBU-TSVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1060	0.0851	0.0458	0.0290	0.5472
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.8904	0.1096	0.4710	-0.0580	0.6481
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.8000	0.2000	0.8062	0.6000	0.6236
ads		0.9451	0.0549	0.8825	0.7638	0.4007
adult		0.8370	0.1630	0.7567	0.5020	0.6392
advanced-iot		0.8250	0.0583	0.8439	0.7900	0.1435
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.8968	0.1032	0.5570	0.0910	0.6571
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.6979	0.2188	0.4125
AID644red		0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7606	0.2394	0.5910	0.0824	0.6024
air_pollution		0.3733	0.1790	0.1221	0.0022	0.6468
air-booking		0.7634	0.2366	0.5162	0.0322	0.8054
alcohol		0.6571	0.1371	0.2839	0.1498	0.4507
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6977	0.3023	0.6527	0.2031	0.6399
anneal		0.7865	0.0854	0.4424	0.4874	0.3357
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.5313	0.2344	0.4178	0.3134	0.4151
anuran-genus		0.6036	0.0991	0.1957	0.2547	0.4313
anuran-species		0.1708	0.1658	0.1566	0.0611	0.5020
anxiety		0.0500	0.2111	0.0562	-0.0655	0.8247
apple-quality		0.7250	0.2750	0.7256	0.4500	0.7842
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6000	0.4000	0.6021	0.2000	0.9053

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.6000	0.0800	0.1850	0.2264	0.3095
auction		0.8186	0.1814	0.5225	0.0431	0.7784
audiology		0.5455	0.0826	0.3728	0.4344	0.2469
audit-risk		0.8718	0.1282	0.8681	0.7352	0.5168
autism-adolescent		0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult		0.5857	0.4143	0.5605	0.1135	0.8578
autism-child		0.6897	0.3103	0.6913	0.3741	0.8142
autos		0.6500	0.1400	0.6209	0.5484	0.3153
avila		0.2980	0.1170	0.1542	0.1446	0.4721
babies		0.4113	0.1682	0.1927	0.1483	0.5575
balance		0.8871	0.0753	0.6113	0.7879	0.2115
bank		0.4814	0.5186	0.5065	0.0071	0.5111
banknote		0.9781	0.0219	0.9779	0.9557	0.1446
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6475	0.3525	0.5794	0.0456	0.6032
basehock		0.8040	0.1960	0.8060	0.6082	0.6446
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.7810	0.2190	0.7690	0.5378	0.7110
biomed		0.6667	0.3333	0.6240	0.1967	0.7731
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.4687	0.2657	0.4566	0.2915	0.5814
brain-tumor		0.4865	0.5135	0.4865	-0.0265	1.0000
breast-cancer		0.5357	0.4643	0.3488	-0.2817	0.9816
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.6364	0.3636	0.6553	0.2903	0.8322
breast-tissue		0.3636	0.2121	0.3526	0.2451	0.3040
bridges		0.5000	0.1667	0.2143	0.2424	0.2914
bub10at310k-hg16-17		0.9075	0.0925	0.5712	0.0393	0.3952
bub12at310k-hg16-17		0.9075	0.0925	0.5794	0.0546	0.4204
bub8at310k-hg16-17		0.9082	0.0918	0.5714	0.0275	0.3478
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.3768	0.6232	0.5904	0.0313	0.5111
cancer-uae		0.4150	0.3900	0.3075	-0.0123	0.5644
car		0.6897	0.1552	0.3407	0.3685	0.3364
car-insurance		0.6570	0.3430	0.7111	0.3591	0.6754
card		0.7101	0.2899	0.6981	0.3756	0.7707
cardiotocography		0.3099	0.1380	0.1748	0.1816	0.5324
cardiotocography-nsp		0.7136	0.1909	0.5576	0.3488	0.6336
cargo2k		0.9975	0.0017	0.9974	0.9962	0.0099
cars		0.6500	0.2333	0.5787	0.4105	0.6089
cas_N6512_cdk_ECFP2		0.5822	0.4178	0.5759	0.1506	0.9433
cas_N6512_rdkit_ATOMPAIR		0.5400	0.4600	0.5318	0.0627	0.9743
cas_N6512_RDkit_AtomPair_FP		0.5460	0.4540	0.5378	0.0744	0.9695
cas_N6512_rdkit_AVALON		0.5469	0.4531	0.5497	0.0984	0.9620
cas_N6512_RDkit_Avalon_FP		0.5997	0.4003	0.6015	0.2016	0.9226
cas_N6512_rdkit_descriptors		0.6738	0.3262	0.6738	0.3469	0.8512
cas_N6512_rdkit_FEATMORGAN		0.6037	0.3963	0.6005	0.2009	0.9264
cas_N6512_RDkit_Featmorgan_FP		0.6120	0.3880	0.6087	0.2173	0.9190
cas_N6512_RDkit_FP		0.5813	0.4187	0.5830	0.1649	0.9383
cas_N6512_rdkit_LAYERED		0.5723	0.4277	0.5690	0.1379	0.9524
cas_N6512_RDkit_Layered_FP		0.5890	0.4110	0.5889	0.1773	0.9355
cas_N6512_rdkit_MACCS		0.7389	0.2611	0.7364	0.4709	0.7645
cas_N6512_RDkit_MACCS_FP		0.7147	0.2853	0.7140	0.4277	0.8012
cas_N6512_rdkit_MORGAN		0.4985	0.5015	0.4916	-0.0168	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.5644	0.4356	0.5638	0.1274	0.9557
cas_N6512_rdkit_PATTERN		0.5831	0.4169	0.5822	0.1642	0.9416
cas_N6512_RDkit_pattern_FP		0.5706	0.4294	0.5742	0.1465	0.9425
cas_N6512_rdkit_RDKITFP		0.5684	0.4316	0.5747	0.1459	0.9372
cas_N6512_rdkit_TORSION		0.6077	0.3923	0.6012	0.1913	0.8982
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7098	0.2902	0.6843	0.3685	0.8213
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.8444	0.1556	0.6212	0.1744	0.4640
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9483	0.0517	0.4867	-0.0056	0.3691
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9249	0.0751	0.6418	0.2774	0.6369
census10%		0.9375	0.0625	0.6286	0.2113	0.5493
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9186	0.0814	0.7090	0.2058	0.1950
children-anemia		0.5586	0.2207	0.3923	0.3320	0.4716
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.6330	0.3670	0.4997	-0.0005	0.8433
churn-bigml		0.8390	0.1610	0.4562	-0.0279	0.6090
ci900367j_MACCS		0.4947	0.5053	0.4746	-0.0507	0.9874
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.6429	0.2381	0.4382	0.3107	0.6249
cjs		0.3393	0.2202	0.4273	0.2257	0.5526
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.5046	0.2477	0.3935	0.2728	0.4892
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7616	0.5102	0.3281
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4762	0.3492	0.4627	0.1931	0.7675
cnae-9		0.4722	0.1173	0.5099	0.4062	0.4356
codon_usage		0.2356	0.1390	0.1610	0.1240	0.5124
coil20		0.6806	0.0319	0.7058	0.6639	0.1610
college		0.7532	0.2468	0.7234	0.4367	0.7438
collins		0.2000	0.1067	0.1899	0.1115	0.4542
colon-tumor		0.6667	0.3333	0.6250	0.2500	0.8750
colposcopies-1		0.5172	0.4828	0.4658	-0.0684	0.9797
colposcopies-2		0.5862	0.4138	0.5288	0.0543	0.9466
colposcopies-3		0.4828	0.5172	0.4602	-0.0794	1.0000
colposcopies-4		0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.4828	0.5172	0.4690	-0.0533	0.9760
colposcopies-c		0.6552	0.3448	0.6518	0.2714	0.7523
column-2c		0.5806	0.4194	0.7037	0.2842	0.5294
column-3c		0.7419	0.1720	0.6988	0.5880	0.3093
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.5841	0.4159	0.5873	0.1700	0.9273
coupon		0.4487	0.5513	0.4622	-0.0710	0.9902
covtype10%		0.6465	0.1010	0.2718	0.4224	0.3747

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.8807	0.1193	0.7917	0.5696	0.6160
covtypeT		0.9400	0.0600	0.7373	0.4637	0.5471
crabs		0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.2866	0.2378	0.2299	0.0862	0.3899
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1733	0.2756	0.1738	0.0081	0.8858
cyclopentane		0.5185	0.4815	0.5250	0.0488	0.9705
cylinder-bands		0.7407	0.2593	0.7489	0.4316	0.5904
darwin		0.7778	0.2222	0.7778	0.5556	0.7044
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7337	0.2663	0.5550	0.1040	0.8470
defect		0.8426	0.1574	0.6562	0.0319	0.3038
dementia		0.8200	0.1800	0.8409	0.6341	0.4073
deposit		0.6791	0.3209	0.5687	0.1084	0.6232
depressed		0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology		0.7297	0.0901	0.7897	0.6708	0.1616
desharnais		0.5000	0.3333	0.2222	-0.1429	0.5379
dexter		0.6667	0.3333	0.6769	0.3333	0.8084
df_final		0.6875	0.2083	0.7120	0.5122	0.4533
DIA		0.6833	0.3167	0.5000	0.0000	0.8943
diabetes		0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-100k		0.8844	0.1156	0.5670	0.1296	0.7045
diabetes-risk		0.8467	0.1533	0.7540	0.5049	0.6574
diabetic1%		0.4510	0.3660	0.2733	-0.0802	0.5880
diabetic10%		0.4528	0.3648	0.3244	-0.0101	0.8035
diagnosis		0.9167	0.0833	0.9226	0.8333	0.3145
diamonds		0.8167	0.0917	0.7153	0.7432	0.2656
diamonds_all		0.5812	0.1675	0.3846	0.3957	0.5079
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford		0.4000	0.6000	0.4167	-0.1538	0.9932
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dota2		0.4073	0.5927	0.4105	-0.1614	1.0000
dota210%		0.4621	0.5379	0.4610	-0.0780	1.0000
drebin		0.7157	0.2843	0.6853	0.3558	0.7893
dropout		0.6072	0.2619	0.5094	0.2879	0.5870
drug-01		0.3617	0.1824	0.1534	-0.0159	0.4811
drug-02		0.5160	0.1383	0.2029	0.0957	0.4817
drug-03		0.6436	0.1188	0.1588	-0.0246	0.4036
drug-04		0.5053	0.1413	0.1278	0.0140	0.5301
drug-05		0.7340	0.0760	0.1213	0.0117	0.1769
drug-06		0.3511	0.1854	0.1681	0.1738	0.6162
drug-07		0.4149	0.1950	0.1585	0.0479	0.4719
drug-08		0.5319	0.1337	0.1414	0.0268	0.4613
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5426	0.1307	0.1654	0.0974	0.4756
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7766	0.0745	0.1457	-0.0203	0.3474
drug-13		0.5904	0.1170	0.2244	0.1867	0.3433

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-14		0.5479	0.1292	0.1743	0.0794	0.5140
drug-15		0.7500	0.0714	0.1633	0.0163	0.3484
drug-16		0.5745	0.1418	0.3206	0.2176	0.4062
drug-17		0.3351	0.1900	0.2456	0.0707	0.5766
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1956	0.0598	0.2752
drybean		0.5202	0.1371	0.4712	0.4203	0.4166
ecoli		0.3529	0.2157	0.2903	0.1816	0.4435
ecoliCP-IM		0.8636	0.1364	0.8504	0.6972	0.5265
ecoliM		0.6667	0.3333	0.5262	0.0522	0.8916
ecoliMU		0.6667	0.3333	0.6965	0.2390	0.4064
ecoliOM		0.6364	0.3636	0.6689	0.1610	0.3113
ecommerce		0.2700	0.3650	0.2765	0.0294	0.8227
eeg		0.2395	0.0951	0.1439	0.1544	0.6225
eeg-eye		0.6182	0.3818	0.6082	0.2107	0.9043
eeg10%		0.1726	0.1034	0.1007	0.0820	0.6822
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.3425	0.2630	0.3180	0.1439	0.7021
euthyroid		0.8703	0.1297	0.7624	0.4825	0.6022
exon.vs.intron-freq		0.6414	0.3586	0.6610	0.2582	0.7326
exon.vs.intron-freq10%		0.6868	0.3132	0.6906	0.3611	0.7901
fakenews		0.5125	0.4875	0.5127	0.0253	0.9923
fbis-wc		0.4268	0.0674	0.1816	0.3334	0.4530
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8627	0.1373	0.8624	0.7196	0.5076
financial-risk		0.6640	0.1120	0.4129	0.3843	0.2446
fishcatch		0.5000	0.1667	0.5778	0.4128	0.2875
flags		0.4000	0.1714	0.1972	0.2053	0.4093
fonts10%		0.2098	0.0103	0.0083	0.1237	0.3534
forest		0.4615	0.2692	0.4960	0.2735	0.5601
gas		0.3623	0.2126	0.3439	0.2189	0.7112
gastrointestinal		0.6250	0.2500	0.6510	0.3766	0.4453
gender		0.6021	0.2653	0.4072	0.1481	0.6020
gene		0.4637	0.3575	0.5652	0.2408	0.5326
german		0.6900	0.3100	0.6463	0.1576	0.5846
gestures		0.4820	0.2590	0.4875	0.3096	0.6845
gina		0.5793	0.4207	0.5787	0.1556	0.9414
gisette		0.7471	0.2529	0.7476	0.4943	0.7519
glass		0.3810	0.2063	0.3231	0.1677	0.4538
glass-g2		0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP		0.7143	0.2857	0.7151	0.4220	0.7810
glassBWNFP		0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.7619	0.2381	0.6044	0.1732	0.7587
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.6316	0.3684	0.6315	0.2486	0.8662
gli_85		0.8750	0.1250	0.8298	0.6000	0.2846
glioma		0.6000	0.2667	0.5000	0.3750	0.3000
glioma-grade		0.8452	0.1548	0.8546	0.6929	0.5191
green		0.6000	0.4000	0.3750	-0.1765	0.9528
grub-damage		0.2667	0.3667	0.3232	0.0120	0.6649
gsalc		0.2222	0.2593	0.1786	0.0870	0.3096
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.1427	0.1429	0.0784	-0.0199	0.6115
har		0.3629	0.2548	0.3603	0.2035	0.7435
har701%		0.4115	0.1681	0.2126	0.1150	0.4924
har7010%		0.3110	0.1968	0.1404	-0.0585	0.5727

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth1%		0.3681	0.1053	0.1912	0.2390	0.3765
hayes-roth		0.5000	0.3333	0.5204	0.2242	0.6194
hcc-survival		0.5882	0.4118	0.5502	0.0916	0.9258
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.6296	0.3704	0.6619	0.2932	0.8010
heart-attack		0.5806	0.4194	0.5861	0.1691	0.9289
heart-c		0.5333	0.4667	0.5273	0.0541	0.9794
heart-failure		0.7900	0.2100	0.7817	0.5506	0.6727
heart-quantum		0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis		0.7333	0.2667	0.5833	0.1667	0.8271
hepmass1%		0.3495	0.6505	0.3151	-0.2949	1.0000
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.7692	0.2308	0.6372	0.2642	0.7875
higgs0.1%		0.3955	0.6045	0.3992	-0.1958	1.0000
higher		0.0714	0.2321	0.0500	-0.0833	0.4393
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.5938	0.4062	0.5890	0.1746	0.9283
hiv1-proteasa		0.8263	0.1737	0.5971	0.1378	0.6595
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5833	0.2778	0.4567	0.1680	0.4971
hotel-reservartions		0.7952	0.2048	0.7663	0.5325	0.7016
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.4789	0.3474	0.4919	0.2296	0.7108
ht-sensor10%		0.4375	0.3750	0.4616	0.1742	0.7175
htru2		0.8670	0.1330	0.7068	0.3914	0.6408
hypothyroid		0.9072	0.0464	0.2382	0.0197	0.1718
hypothyroidT		0.8594	0.1406	0.5275	0.0549	0.6886
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.5727	0.2137	0.5978	0.4302	0.4235
ionosphere		0.6286	0.3714	0.5584	0.1165	0.9174
iris		0.6000	0.2667	0.6852	0.4268	0.4230
irish		0.9200	0.0800	0.9258	0.8408	0.2987
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.7998	0.2002	0.5940	0.1475	0.7189
jvowels		0.4207	0.1287	0.4294	0.3512	0.5387
kc1		0.8152	0.1848	0.5503	0.0850	0.7606
kc1-class-level-defectiveornot		0.5333	0.4667	0.5556	0.1026	0.9159
kc1-class-level-numericdefect		0.6154	0.1538	0.2878	0.2935	0.2324
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7308	0.2692	0.5363	0.0691	0.8541
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9894	0.0011	0.1487	0.9818	0.0110
kddcup991%		0.9223	0.0120	0.2081	0.8675	0.0551
kddcup9910%		0.9337	0.0070	0.1437	0.8873	0.0553
kepler		0.7040	0.1973	0.6370	0.4770	0.4938
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.5750	0.4250	0.5282	0.0556	0.9589
krkopt		0.0980	0.1002	0.0370	0.0007	0.5908
krvskp		0.9467	0.0533	0.9488	0.8937	0.2426
la1s-wc		0.6508	0.1164	0.6252	0.5568	0.4544
la2s-wc		0.7417	0.0861	0.7078	0.6771	0.3867
labor		0.5000	0.5000	0.3333	-0.2857	1.0000
leaf		0.1471	0.0742	0.0992	0.1133	0.2882
led24		0.2000	0.1778	0.0899	0.0805	0.4054
lenses		0.3333	0.4444	0.2222	0.0000	0.3451

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
letter		0.0405	0.0738	0.0059	0.0016	0.4466
leukemia		0.4286	0.3810	0.3889	0.1250	0.6182
leukemia2		0.7143	0.2857	0.7083	0.4167	0.8058
libra		0.2500	0.1000	0.2482	0.2000	0.3366
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.6471	0.3529	0.5351	0.0599	0.8908
loan		0.9016	0.0984	0.8950	0.7848	0.4012
localization10%		0.2737	0.1321	0.1082	0.0453	0.5522
lrs		0.3774	0.1779	0.1440	0.1086	0.4646
lung		0.6190	0.1524	0.1576	0.0175	0.3957
lung_discrete		0.5000	0.2000	0.5238	0.3469	0.3375
lung-cancer		0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1		0.7500	0.1000	0.3686	0.3590	0.3072
lung-cancer-harvard2		0.8889	0.1111	0.7805	0.4545	0.2500
lung-cancer-michigan		0.7778	0.2222	0.4375	-0.1250	0.7500
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.3571	0.4286	0.2541	-0.1667	0.5564
lymphoma2		0.3333	0.2222	0.1786	0.1000	0.3784
machine-failure		0.8404	0.1596	0.8407	0.6773	0.5770
madelon		0.4846	0.5154	0.4846	-0.0308	1.0000
magic04		0.7528	0.2472	0.7170	0.4236	0.7494
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8327	0.6654	0.5984
marketing		0.8571	0.1429	0.6305	0.1867	0.5891
maternal		0.6238	0.2508	0.6202	0.4150	0.5246
math		0.4500	0.2750	0.4550	0.2164	0.6608
mba		0.8000	0.1333	0.3891	0.1613	0.4104
mental-disorders		0.5833	0.2083	0.6204	0.4444	0.3502
mental-health		0.1900	0.3240	0.1921	-0.0128	0.8715
messidor		0.6870	0.3130	0.6943	0.3802	0.8116
meter-A		0.3750	0.6250	0.3708	-0.2500	1.0000
meter-B		0.8889	0.0741	0.9167	0.8302	0.1560
meter-C		0.7778	0.1111	0.6357	0.6842	0.2346
meter-D		0.3333	0.3333	0.1997	0.0609	0.4345
mfeat-fac		0.3000	0.1400	0.3073	0.2222	0.5748
mfeat-fou		0.1500	0.1700	0.1939	0.0556	0.6226
mfeat-kar		0.1600	0.1680	0.1764	0.0667	0.7150
mfeat-mor		0.4950	0.1010	0.5040	0.4389	0.3803
mfeat-pix		0.6300	0.0740	0.6561	0.5889	0.3463
mfeat-zer		0.1400	0.1720	0.1555	0.0444	0.6932
mice-prot		0.3519	0.1620	0.3581	0.2586	0.6395
milk		0.6226	0.2516	0.5580	0.4169	0.4651
mines		0.4118	0.2353	0.3729	0.2625	0.4739
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.6000	0.4000	0.5999	0.1997	0.9288
monks-2		0.4426	0.5574	0.3827	-0.2345	1.0000
monks-3		0.7500	0.2500	0.7535	0.5019	0.7350
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.8389	0.1611	0.8568	0.6808	0.4388
music		0.2061	0.1443	0.1406	0.0748	0.5991
musk		0.8455	0.1545	0.5793	0.0264	0.4048
MUT_ci300400a_cdk_ECFP2		0.6367	0.3633	0.6165	0.2280	0.8940
MUT_ci300400a_cdk_ECFP4		0.5916	0.4084	0.5474	0.0644	0.8325
MUT_ci300400a_cdk_ECFP6		0.5856	0.4144	0.5376	0.0467	0.8197
MUT_ci300400a_cdk_ESTATE		0.6954	0.3046	0.6798	0.3454	0.8068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_EXTENDED		0.5899	0.4101	0.5470	0.0703	0.8625
MUT_ci300400a_cdk_FCFP2		0.7413	0.2587	0.7300	0.4549	0.7599
MUT_ci300400a_cdk_FCFP4		0.6067	0.3933	0.5821	0.1590	0.9219
MUT_ci300400a_cdk_FCFP6		0.6019	0.3981	0.5655	0.1047	0.8630
MUT_ci300400a_cdk_MACCS		0.6871	0.3130	0.6720	0.3395	0.8374
MUT_ci300400a_cdk_PUBCHEM		0.6551	0.3449	0.6436	0.2870	0.8792
MUT_ci300400a_cdk_STANDARD		0.6156	0.3844	0.5856	0.1233	0.8003
MUT_ci300400a_rdkit_descriptors		0.7155	0.2845	0.7052	0.4060	0.7980
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9349	0.0651	0.9350	0.8697	0.3196
NCI60		0.3333	0.2222	0.3333	0.2000	0.2759
nci9		0.3333	0.2222	0.2667	0.2000	0.2258
ncRNA1%		0.5983	0.0423	0.0694	0.2384	0.1865
ncRNA10%		0.8235	0.0186	0.0845	0.5054	0.2277
neo		0.5185	0.4815	0.3436	-0.1813	0.5139
new-thyroid		0.8095	0.1270	0.8227	0.6585	0.3777
new-thyroidT		0.6190	0.3810	0.6022	0.1515	0.6172
newspop		0.3887	0.6113	0.3928	-0.1958	1.0000
NHANES_age_prediction		0.6960	0.3040	0.7381	0.3593	0.5045
nomao		0.7786	0.2214	0.7690	0.5186	0.6791
NPHA-doctor-visits		0.5278	0.3148	0.3628	0.0940	0.6800
nursery		0.7546	0.1227	0.5844	0.6349	0.2947
obesity		0.3175	0.1950	0.2845	0.2023	0.6258
obs		0.6574	0.1713	0.6962	0.5078	0.4568
occupancy		0.4767	0.5233	0.6326	0.1596	0.5640
Occupancy_Estimation		0.8045	0.0977	0.6459	0.5037	0.5413
oh0-wc		0.5050	0.0990	0.3866	0.4172	0.3712
oh10-wc		0.3429	0.1314	0.2429	0.2474	0.4528
oh15-wc		0.4239	0.1152	0.3121	0.3185	0.3744
oh5-wc		0.5824	0.0835	0.5927	0.5243	0.3546
ohscal-wc		0.4561	0.1088	0.4300	0.3888	0.5988
olive		0.4211	0.1287	0.2603	0.2446	0.4765
opn310k		0.9088	0.0912	0.5778	0.0179	0.2954
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9084	0.0916	0.5746	0.0238	0.3253
optdigits		0.1263	0.1747	0.1354	0.0284	0.7067
optdigitsZ		0.9520	0.0480	0.8897	0.7582	0.4812
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer		0.6000	0.4000	0.4889	-0.0163	0.9041
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9091	0.0909	0.5639	0.1085	0.6531
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7010	0.2990	0.6456	0.2813	0.8331
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7937	0.2063	0.8031	0.5914	0.6286
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.8885	0.0446	0.2959	0.3954	0.2429
parkinson		0.6500	0.3500	0.6335	0.2664	0.8863
parkinsons		0.6066	0.3934	0.5219	0.0299	0.8570
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.8674	0.1326	0.8508	0.6934	0.5515
particle10%		0.8738	0.1262	0.8553	0.7049	0.5429
pasture		0.5000	0.3333	0.4444	0.3333	0.3302
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.5412	0.4588	0.4598	-0.0517	0.9099
pcos		0.9767	0.0233	0.9662	0.9301	0.2305
pd		0.7895	0.2105	0.6854	0.3469	0.7167
pediatric-leukemia		0.6471	0.1008	0.5725	0.5673	0.2367

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pendigits			0.2384	0.1523	0.2784	0.1532	0.5617
period			0.7778	0.2222	0.7568	0.4000	0.4011
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.6501	0.3499	0.6028	0.1923	0.8757
personalities			0.0638	0.1170	0.0762	0.0015	0.5809
pet-adoption			0.6350	0.3650	0.7048	0.3355	0.6607
phishing			0.8531	0.1469	0.8489	0.6962	0.5614
PhiUSIIL			0.8245	0.1755	0.8234	0.6300	0.5595
PhiUSIIL10%			0.7226	0.2774	0.7264	0.4468	0.7736
phone-acc0.1%			0.2642	0.2102	0.2621	0.1358	0.5532
phone-acc1%			0.2612	0.2111	0.2751	0.1261	0.5054
phone-gyr0.1%			0.2426	0.2164	0.2205	0.1035	0.5765
phone-gyr1%			0.2999	0.2000	0.3183	0.1674	0.4103
phoneme			0.5519	0.4481	0.5160	0.0306	0.8971
phy			0.6212	0.3788	0.6240	0.2432	0.8961
pima			0.6842	0.3158	0.6575	0.2716	0.7650
pirvision			0.6068	0.2621	0.4691	0.1360	0.5681
placement			0.7710	0.2290	0.7708	0.5383	0.7101
plant-growth			0.5789	0.4211	0.5778	0.1556	0.9466
plrx			0.7778	0.2222	0.7143	0.2653	0.3876
poker1%			0.4478	0.1578	0.1387	0.0076	0.3557
poker10%			0.4914	0.1271	0.1200	0.0011	0.2775
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th			0.9449	0.0551	0.4858	-0.0039	0.3179
polish-5th			0.9205	0.0795	0.5730	0.1142	0.6090
polya			0.6605	0.3395	0.5893	0.1030	0.7143
popularity			0.6373	0.2418	0.3760	0.0877	0.4645
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.5118	0.1953	0.5034	0.3877	0.5198
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6195	0.2353	0.9023
prestige			0.6667	0.2222	0.4938	0.4375	0.3541
primary-tumor			0.1515	0.1305	0.0383	0.0263	0.4393
profb			0.6119	0.3881	0.3796	-0.1124	0.8830
promoters			0.7000	0.3000	0.6784	0.3478	0.8165
prostate			0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.5919	0.1632	0.5190	0.4485	0.5249
puc-rio10%			0.6246	0.1502	0.5798	0.5105	0.4750
pufs-1281%			0.4892	0.5108	0.4892	-0.0217	1.0000
pufs-641%			0.4908	0.5092	0.4908	-0.0183	1.0000
pulsar			0.4972	0.5028	0.6277	0.1178	0.3567
raisin			0.8778	0.1222	0.8801	0.7556	0.4709
re0-wc			0.5400	0.0708	0.1937	0.3621	0.3367
re1-wc			0.4518	0.0439	0.1220	0.3274	0.3374
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9789	0.0211	0.9791	0.9573	0.1091
rice			0.9566	0.0434	0.9576	0.9115	0.1794
rnaseq			0.7125	0.1150	0.7637	0.5940	0.2479
rocket			0.6197	0.3803	0.5956	0.1885	0.9154
RT_IOT2022			0.3358	0.1107	0.1844	0.1368	0.2377
satimage			0.1913	0.2696	0.2072	0.0452	0.7130
satimageF			0.9829	0.0171	0.9546	0.9066	0.1130
satimageT			0.7527	0.2473	0.5167	0.0301	0.6610
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5000	0.5000	0.5000	0.0000	0.9694

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
sclerosis		0.9259	0.0741	0.9309	0.8525	0.2846
secom		0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom		0.7094	0.2907	0.7034	0.4004	0.7990
seeds		0.7143	0.1905	0.7143	0.5714	0.4011
segment		0.6797	0.0915	0.6959	0.6245	0.3198
segmentation		0.7129	0.2871	0.6725	0.3372	0.8139
segmentO		0.9307	0.0693	0.8775	0.7486	0.4888
seismic		0.9341	0.0659	0.4830	0.0000	0.1661
semeion		0.9560	0.0440	0.8897	0.7755	0.4515
sens-1-gram		0.8553	0.1447	0.5033	0.0029	0.6097
sens-2-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram		0.8553	0.1447	0.5033	0.0029	0.6097
sens-4-gram		0.8553	0.1447	0.5273	0.0288	0.6297
sensorless		0.1265	0.1588	0.1574	0.0393	0.5846
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8143	0.1857	0.6241	0.2471	0.7609
shuttle		0.5593	0.1259	0.2478	0.2313	0.2955
sick		0.6446	0.3554	0.5641	0.0683	0.4085
sirtuin6		0.7000	0.3000	0.7041	0.4000	0.7994
skin		0.9318	0.0682	0.9038	0.8039	0.4286
skin10%		0.4800	0.5200	0.6554	0.1774	0.4789
smarket		0.9040	0.0960	0.9056	0.8074	0.3981
smart-farming		0.1400	0.4300	0.1293	-0.1510	0.8901
smk_can_187		0.4737	0.5263	0.4722	-0.0556	1.0000
soil_pollution		0.1633	0.3347	0.1643	-0.0464	0.8968
solar-flare		0.7050	0.0983	0.5185	0.6192	0.2555
sonar		0.4500	0.5500	0.4415	-0.1000	0.9904
soybean		0.1471	0.0898	0.0505	0.0336	0.4558
spam-detection		0.8110	0.1890	0.6821	0.3101	0.5973
spambase		0.8174	0.1826	0.8117	0.6224	0.6383
spect		0.7037	0.2963	0.4130	-0.1250	0.8833
spectf		0.5429	0.4571	0.5000	0.0000	0.9096
spectrometer		0.1538	0.0627	0.0585	0.0924	0.3386
splice-EI		0.4322	0.5678	0.6117	0.1211	0.5680
splice-IE		0.7855	0.2145	0.6564	0.1584	0.4940
sport-articles		0.6000	0.4000	0.5957	0.1873	0.9020
squash-stored		0.6000	0.2667	0.5714	0.3750	0.2113
squash-unstored		0.6000	0.4000	0.5833	0.1667	0.9308
startup		0.6774	0.3226	0.6194	0.1436	0.6730
steel_industry		0.6749	0.2167	0.6564	0.4967	0.5686
steel-b		0.6872	0.3128	0.6359	0.2521	0.7646
steel-d		0.9692	0.0308	0.4922	0.0000	0.0938
steel-k		0.3744	0.6256	0.5393	0.0415	0.6019
steel-o		0.6410	0.3590	0.6215	0.2408	0.8798
steel-p		0.9333	0.0667	0.7355	0.2976	0.1694
steel-s		0.9590	0.0410	0.4895	0.0000	0.1168
steel-z		0.8769	0.1231	0.6661	0.3316	0.6839
stock		0.8194	0.1806	0.4504	0.0000	0.3308
stockb		0.7621	0.1586	0.7760	0.6429	0.4151
streaming		0.7900	0.2100	0.7958	0.5829	0.6574
stress		1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle		0.6200	0.1520	0.3666	0.3544	0.3334
student-depression		0.3921	0.6079	0.4078	-0.1702	1.0000
student-habits		0.4200	0.2320	0.2295	0.0946	0.5122
student-weekend		0.3231	0.2708	0.1938	0.0501	0.8061
student-workday		0.7031	0.1187	0.1651	0.0000	0.2066
studentap		0.1538	0.5641	0.1111	-0.3241	0.9124
susy1%		0.7684	0.2316	0.7724	0.5225	0.6578

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
swarm_aligned			0.8955	0.1045	0.8804	0.7322	0.2701
swarm_flocking			0.9201	0.0799	0.9213	0.8401	0.3558
swarm_grouped			0.9455	0.0545	0.9421	0.8841	0.2967
tae			0.4667	0.3556	0.4714	0.2000	0.6833
telco-churn			0.7656	0.2344	0.6538	0.2159	0.6222
texture			0.1709	0.1507	0.1826	0.0867	0.6502
theorem			0.9100	0.0900	0.9138	0.8192	0.3708
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.7105	0.2895	0.6577	0.3148	0.8270
tic-tac-toe			0.3474	0.6526	0.5010	0.0003	0.5951
tis			0.6724	0.3276	0.5089	0.0171	0.9006
tis10%			0.7239	0.2761	0.5568	0.1002	0.8402
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.1000	0.4800	0.6364	0.0881
tox_171			0.3529	0.3235	0.4188	0.1500	0.5786
toxicity			0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.6341	0.0813	0.5181	0.5262	0.2778
trec12-wc			0.4839	0.1290	0.3827	0.3149	0.2637
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.5714	0.1429	0.3266	0.3127	0.3469
trec31-wc			0.6559	0.1147	0.4704	0.5022	0.3004
trec41-wc			0.4659	0.1068	0.2950	0.3255	0.3567
trec45-wc			0.5072	0.0986	0.4198	0.4193	0.3608
tuandromd			0.6951	0.3049	0.7014	0.3427	0.6571
turkish			0.2000	0.4000	0.1726	-0.0667	0.7689
tvnews			0.5317	0.4683	0.5527	0.0970	0.9046
tvnews1%			0.6231	0.3769	0.5636	0.1185	0.9109
tvnews10%			0.6901	0.3099	0.6498	0.2223	0.6954
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.4030	0.1327	0.4670	0.3077	0.4780
urinalysis			0.9301	0.0699	0.4819	-0.0229	0.6125
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.4405	0.2798	0.4451	0.2658	0.6240
vehicleVAN			0.8810	0.1190	0.8607	0.7101	0.5293
voice			0.7500	0.2500	0.7044	0.4000	0.7643
vote			0.5581	0.4419	0.5754	0.1012	0.7954
vowel			0.2323	0.1396	0.1938	0.1556	0.4288
vowelZ			0.5657	0.4343	0.5716	0.0780	0.4511
vrnormat310k-hg16-17			0.9092	0.0908	0.6125	0.0036	0.2193
wap-wc			0.4487	0.0551	0.2393	0.3543	0.2928
warpar10p			0.2308	0.1538	0.2276	0.1613	0.2611
warppie10p			0.8095	0.0381	0.8330	0.7884	0.0916
watch-acc1%			0.2886	0.2033	0.2755	0.1641	0.5613
watch-gyr1%			0.2121	0.2251	0.2276	0.0782	0.5735
water_pollution			0.2700	0.3650	0.2701	0.0271	0.8462
waveform			0.3940	0.4040	0.4638	0.0983	0.6086
weather-related			0.8423	0.0287	0.8229	0.8210	0.1911
web-phishing			0.7704	0.1531	0.5471	0.5854	0.5270
Weekly			0.9444	0.0556	0.9454	0.8884	0.2752
weight-lift			0.4036	0.2386	0.4111	0.2571	0.7156
white-clover			0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc			0.5500	0.2250	0.5725	0.4000	0.4955

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.8965	0.1035	0.7696	0.4372	0.5065
wine			0.7059	0.1961	0.8240	0.5619	0.2183
winequality-red			0.5346	0.1551	0.2623	0.2997	0.4189
winequality-white			0.3517	0.2161	0.1754	0.0537	0.5312
winnipeg			0.2838	0.2046	0.1990	0.0888	0.6366
winnipeg10%			0.2357	0.2184	0.1678	0.0370	0.6851
wisc_bc			0.5614	0.4386	0.5241	0.0481	0.9621
yale			0.3125	0.0917	0.2222	0.2667	0.1625
yeast			0.3919	0.1351	0.2018	0.2294	0.4340
yeastCYT-POX			0.5714	0.4286	0.5211	0.0134	0.2584
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.1161	0.1768	0.1380	0.0227	0.8268

Table 56: Detailed results for GBU-TSVM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1976	0.0764	0.1262	0.1099	0.5043
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9178	0.0822	0.6033	0.2065	0.6507
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.6000	0.4000	0.6000	0.2000	0.9288
ads		0.9390	0.0610	0.8785	0.7560	0.4626
adult		0.8372	0.1628	0.7581	0.5067	0.6428
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter		0.9206	0.0794	0.6957	0.1544	0.1910
AID_1878		0.8000	0.2000	0.4444	-0.0357	0.6563
AID_602330		0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.7500	0.2500	0.4286	-0.1408	0.8101
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.8641	0.1359	0.5299	0.0563	0.6050
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6000	0.4000	0.3750	-0.1765	0.9528
AID644red		0.7000	0.3000	0.6784	0.3478	0.8010
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7700	0.2300	0.6282	0.2061	0.7146
air_pollution		0.3933	0.1733	0.0809	-0.0136	0.4189
air-booking		0.7258	0.2742	0.5082	0.0162	0.7871
airline		0.3322	0.6678	0.3288	-0.3406	1.0000
alcohol		0.6857	0.1257	0.2062	0.0730	0.3295
all-aml		0.5000	0.5000	0.3333	-0.2857	1.0000
alzheimers		0.6372	0.3628	0.5418	0.0606	0.8443
anneal		0.5843	0.1663	0.6166	0.3529	0.4684
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.5313	0.2344	0.3705	0.2035	0.5495
anuran-genus		0.7441	0.0640	0.5646	0.5416	0.5420
anuran-species		0.8222	0.0356	0.6711	0.7515	0.3104
anxiety		0.0667	0.2074	0.0634	-0.0511	0.8344
apple-quality		0.7250	0.2750	0.7307	0.4500	0.7564
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia		0.6222	0.0756	0.4077	0.2441	0.2937
auction		0.8578	0.1422	0.5891	0.1520	0.6961
audit-risk		0.8846	0.1154	0.8803	0.7604	0.4853
autism-adolescent		0.6364	0.3636	0.6071	0.2143	0.9011
autism-adult		0.6429	0.3571	0.5981	0.1906	0.8525
autism-child		0.5517	0.4483	0.5601	0.1129	0.9342
autos		0.7500	0.1000	0.8000	0.6743	0.2540
avila		0.4116	0.0981	0.2248	0.1809	0.7483
babies		0.4355	0.1613	0.1406	0.1006	0.4014
balance		0.8871	0.0753	0.6114	0.7877	0.2090
bank		0.5390	0.4610	0.5134	0.0163	0.5402
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6544	0.3456	0.5846	0.0880	0.6968
basehock		0.6683	0.3317	0.6690	0.3369	0.8568
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.7429	0.2571	0.7317	0.4626	0.7677
biomed		0.6667	0.3333	0.6557	0.3099	0.8582
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6381	0.1810	0.6387	0.5174	0.5016
bookings		0.8008	0.1328	0.5568	0.6175	0.2528
brain-tumor		0.4875	0.5125	0.4876	-0.0244	1.0000
breast-cancer		0.6071	0.3929	0.5363	0.0723	0.9102
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.7273	0.2727	0.7243	0.4407	0.7677
breast-tissue		0.3636	0.2121	0.3030	0.2300	0.3199
bridges		0.5000	0.1667	0.3872	0.2857	0.3586
bub10at310k-hg16-17		0.9028	0.0972	0.5703	0.0834	0.5569
bub12at310k-hg16-17		0.9030	0.0970	0.5791	0.1011	0.5668
bub8at310k-hg16-17		0.9024	0.0976	0.5549	0.0571	0.5423
cad		0.8333	0.1667	0.8086	0.6154	0.6330
caesarian		0.6250	0.3750	0.7241	0.3333	0.5283
cancer		0.3478	0.6522	0.2581	0.0000	0.5068
cancer-uae		0.4530	0.3647	0.3231	0.0181	0.5729
car		0.7644	0.1178	0.4129	0.4977	0.4245
car-insurance		0.6200	0.3800	0.6868	0.3059	0.6866
card		0.6667	0.3333	0.6725	0.3379	0.8378
cardiotocography		0.5023	0.0995	0.4038	0.4128	0.4991
cardiotocography-nsp		0.4601	0.3599	0.4407	0.1456	0.5932
cardiovascular		0.4996	0.5004	0.3331	0.0000	0.5284
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.5250	0.3167	0.4434	0.2300	0.6958
cas_N6512_cdk_ECFP2		0.5837	0.4163	0.5808	0.1617	0.9431
cas_N6512_rdkit_ATOMPAIR		0.4985	0.5015	0.4967	-0.0067	0.9993
cas_N6512_RDkit_AtomPair_FP		0.4969	0.5031	0.4895	-0.0208	1.0000
cas_N6512_rdkit_AVALON		0.5438	0.4562	0.5448	0.0892	0.9676
cas_N6512_RDkit_Avalon_FP		0.5291	0.4709	0.5312	0.0618	0.9757
cas_N6512_rdkit_descriptors		0.6477	0.3523	0.6466	0.2930	0.8820
cas_N6512_rdkit_FEATMORGAN		0.5238	0.4762	0.5199	0.0399	0.9862
cas_N6512_RDkit_Featmorgan_FP		0.5721	0.4279	0.5693	0.1385	0.9523
cas_N6512_RDkit_FP		0.5123	0.4877	0.5127	0.0252	0.9889
cas_N6512_rdkit_LAYERED		0.5231	0.4769	0.5182	0.0363	0.9871
cas_N6512_RDkit_Layered_FP		0.5537	0.4463	0.5514	0.1027	0.9655
cas_N6512_rdkit_MACCS		0.6928	0.3072	0.6897	0.3788	0.8307
cas_N6512_RDkit_MACCS_FP		0.7009	0.2991	0.7011	0.4013	0.8175

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.5277	0.4723	0.5302	0.0598	0.9757
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.5330	0.0657	0.9773
cas_N6512_rdkit_PATTERN		0.5123	0.4877	0.5128	0.0255	0.9887
cas_N6512_RDkit_pattern_FP		0.5245	0.4755	0.5240	0.0480	0.9828
cas_N6512_rdkit_RDKITFP		0.5253	0.4747	0.5291	0.0573	0.9746
cas_N6512_rdkit_TORSION		0.5400	0.4600	0.5332	0.0659	0.9756
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.5233	0.4767	0.5301	0.0567	0.9245
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.8361	0.1639	0.5653	0.0943	0.4603
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9380	0.0620	0.5143	0.0216	0.6166
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9193	0.0807	0.6278	0.2528	0.6521
census10%		0.9118	0.0882	0.5909	0.1814	0.6630
central-nervous-system		1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B		0.8372	0.1628	0.5220	0.0414	0.6260
cervical-C		0.9070	0.0930	0.5753	0.1506	0.6606
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.8721	0.1279	0.4658	-0.0535	0.7264
children-anemia		0.5700	0.2150	0.5057	0.3832	0.4708
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.6030	0.3970	0.4863	-0.0260	0.8333
churn-bigml		0.8352	0.1648	0.5570	0.0872	0.7127
ci900367j_MACCS		0.5789	0.4211	0.5625	0.1244	0.9382
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.5952	0.2698	0.3882	0.1774	0.5068
cjs		0.5643	0.1452	0.5918	0.4758	0.4790
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.4778	0.2611	0.4582	0.3025	0.5457
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.3333	0.4444	0.3810	0.0588	0.5907
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4762	0.3492	0.4801	0.2100	0.7465
cnae-9		0.3981	0.1337	0.4003	0.3229	0.5289
codon_usage		0.4068	0.1079	0.2820	0.2825	0.6588
coil20		0.8472	0.0153	0.8640	0.8392	0.0895
college		0.6623	0.3377	0.6355	0.2591	0.8178
collins		0.2200	0.1040	0.1911	0.1341	0.4136
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5172	0.4828	0.5125	0.0240	0.9373
colposcopies-2		0.4138	0.5862	0.3659	-0.2674	1.0000
colposcopies-3		0.5172	0.4828	0.6014	0.1325	0.7333
colposcopies-4		0.5862	0.4138	0.5196	0.0387	0.9049
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.5517	0.4483	0.5524	0.1045	0.9653
colposcopies-c		0.6897	0.3103	0.6349	0.2606	0.8063
column-2c		0.6774	0.3226	0.7234	0.3898	0.6759
column-3c		0.5161	0.3226	0.4271	0.2488	0.5991
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.5697	0.4303	0.5771	0.1425	0.9128
coupon		0.4290	0.5710	0.4510	-0.0849	0.9731

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.6215	0.1081	0.3792	0.3961	0.5143
covtypeCD		0.8718	0.1282	0.7728	0.5337	0.6358
covtypeT		0.6283	0.3717	0.5740	0.0783	0.4098
crabs		0.7000	0.1500	0.7208	0.6000	0.3422
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.6323	0.1226	0.2967	0.2069	0.5397
cryotherapy		0.4444	0.5556	0.3077	0.0000	0.5302
cultivars		0.2188	0.0488	0.1548	0.1935	0.1547
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.1607	-0.0104	0.8817
cyclopentane		0.5926	0.4074	0.5912	0.1818	0.9314
cylinder-bands		0.4815	0.5185	0.4416	-0.1101	1.0000
darwin		0.6667	0.3333	0.6667	0.3333	0.8617
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0988	0.1802	0.0988	-0.0011	0.9189
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7177	0.2823	0.5457	0.0890	0.8615
defect		0.8457	0.1543	0.6271	0.1083	0.4620
dementia		0.9900	0.0100	0.9901	0.9800	0.0639
deposit		0.6996	0.3004	0.5602	0.0999	0.6460
depressed		0.8182	0.1818	0.4500	-0.0265	0.6019
dermatology		0.8649	0.0450	0.8615	0.8315	0.0905
desharnais		0.3750	0.4167	0.3158	-0.0526	0.6245
dexter		0.5167	0.4833	0.5499	0.0333	0.6793
df_final		0.3750	0.4167	0.4377	0.0123	0.5748
DIA		0.5667	0.4333	0.4466	-0.1064	0.9138
diabetes		0.6923	0.3077	0.7312	0.4157	0.6905
diabetes-100k		0.8824	0.1176	0.5908	0.1801	0.7001
diabetes-risk		0.8460	0.1540	0.7552	0.5083	0.6609
diabetic		0.4914	0.3391	0.3379	0.0067	0.6254
diabetic1%		0.5588	0.2941	0.3747	0.1382	0.5407
diabetic10%		0.4843	0.3438	0.3443	0.0259	0.7791
diagnosis		0.8333	0.1667	0.8571	0.6757	0.4308
diamonds		0.7500	0.1250	0.7751	0.6690	0.2971
diamonds_all		0.5766	0.1694	0.4386	0.3996	0.6212
dishonest		0.8438	0.1562	0.8590	0.6800	0.4644
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.6250	0.3750	0.3846	-0.2000	0.9438
dlbcl-nih		0.4583	0.5417	0.3839	-0.2000	1.0000
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dota2		0.4046	0.5954	0.4075	-0.1665	1.0000
dota210%		0.4786	0.5214	0.4778	-0.0444	1.0000
drebin		0.7150	0.2850	0.6898	0.3769	0.8118
dropout		0.5982	0.2679	0.4849	0.3077	0.6675
drug-01		0.2926	0.2021	0.1106	-0.0779	0.5279
drug-02		0.4415	0.1596	0.1425	0.0048	0.4602
drug-03		0.6809	0.1064	0.2130	0.0228	0.3053
drug-04		0.5000	0.1429	0.1500	0.0520	0.4755
drug-05		0.7340	0.0760	0.1605	0.0231	0.2200
drug-06		0.2287	0.2204	0.1698	0.0566	0.7953
drug-07		0.4202	0.1933	0.1760	0.0649	0.4801
drug-08		0.4734	0.1505	0.0942	-0.0635	0.4913
drug-09		0.8617	0.0461	0.1543	-0.0076	0.1983
drug-10		0.5053	0.1413	0.1473	0.0272	0.5744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7872	0.0709	0.1468	-0.0071	0.2395
drug-13		0.5319	0.1337	0.1514	0.0750	0.4632
drug-14		0.5319	0.1337	0.1860	0.0481	0.4547
drug-15		0.7447	0.0729	0.1220	-0.0204	0.2917
drug-16		0.5585	0.1472	0.2313	0.2005	0.4482
drug-17		0.3138	0.1960	0.1812	0.0962	0.6433
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7553	0.0699	0.1229	-0.0207	0.3142
drybean		0.7840	0.0617	0.8110	0.7418	0.2681
ecoli		0.5294	0.1569	0.3224	0.2558	0.3258
ecoliCP-IM		0.5455	0.4545	0.5089	0.0179	0.9682
ecoliM		0.6061	0.3939	0.5976	0.1734	0.7904
ecoliMU		0.5758	0.4242	0.6657	0.1720	0.3602
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce		0.2700	0.3650	0.2764	0.0248	0.8235
eeg		0.1124	0.1109	0.1039	0.0126	0.8400
eeg-eye		0.6182	0.3818	0.6083	0.2113	0.9053
eeg10%		0.1658	0.1043	0.1419	0.0667	0.6838
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2329	0.3068	0.2384	0.0269	0.6700
euthyroid		0.8196	0.1804	0.7403	0.4019	0.5632
exon.vs.intron-freq		0.6755	0.3245	0.6935	0.3313	0.7131
exon.vs.intron-freq10%		0.5723	0.4277	0.5689	0.1201	0.8965
fakenews		0.4925	0.5075	0.4924	-0.0153	1.0000
fbis-wc		0.4756	0.0617	0.3081	0.3795	0.3768
fertility		1.0000	0.0000	1.0000	1.0000	0.0000
finance		0.7647	0.2353	0.7614	0.5211	0.7247
financial-risk		0.6305	0.1232	0.2659	0.3076	0.2774
fishcatch		0.5625	0.1458	0.4459	0.4483	0.2204
flags		0.3000	0.2000	0.1626	0.0850	0.4413
forest		0.3269	0.3365	0.3712	0.0619	0.6641
gas		0.4040	0.1987	0.4217	0.2774	0.6623
gastrointestinal		0.6875	0.2083	0.6858	0.4483	0.4265
gender		0.5895	0.2737	0.3591	0.0766	0.5469
gene		0.3659	0.4227	0.4917	0.1380	0.6131
german		0.5600	0.4400	0.4436	-0.0973	0.9724
gestures		0.4786	0.2607	0.4827	0.3053	0.6562
gina		0.5937	0.4063	0.5931	0.1856	0.9328
gisette		0.6929	0.3071	0.6931	0.3857	0.8287
glass		0.4286	0.1905	0.3070	0.1628	0.3989
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.6667	0.3333	0.7067	0.3691	0.7255
glassBWNFP		0.5238	0.4762	0.5338	0.0625	0.9049
glassContainers		0.7273	0.2727	0.7203	0.2979	0.4422
glassNW		0.7619	0.2381	0.4324	0.0000	0.3902
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.4762	0.5238	0.6201	0.0723	0.2039
GlaucomaM		0.4737	0.5263	0.4722	-0.0556	1.0000
gli_85		0.8750	0.1250	0.8298	0.6000	0.2846
glioma		0.8000	0.1333	0.8602	0.6875	0.1858
glioma-grade		0.8333	0.1667	0.8329	0.6627	0.5948
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.2000	0.4000	0.1514	-0.1111	0.5592
gsalc		0.5556	0.1481	0.5691	0.4783	0.2059
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.6002	0.0666	0.4883	0.5305	0.3521
har		0.4720	0.2112	0.4631	0.3333	0.6803

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har701%		0.6748	0.0929	0.3333	0.4962	0.3271
har7010%		0.5737	0.1218	0.2726	0.3450	0.2980
harth1%		0.4023	0.0996	0.1873	0.2317	0.4278
harth10%		0.2724	0.1213	0.1824	0.1271	0.4543
hayes-roth		0.2500	0.5000	0.1860	-0.2715	0.6012
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7600	0.1200	0.2688	0.0358	0.3239
heart		0.4815	0.5185	0.4631	-0.0739	1.0000
heart-attack		0.4839	0.5161	0.5046	0.0080	0.9438
heart-c		0.4333	0.5667	0.4214	-0.1538	1.0000
heart-failure		0.7440	0.2560	0.7500	0.4747	0.7001
heart-quantum		0.9400	0.0600	0.9395	0.8718	0.2092
hepatitis		0.4667	0.5333	0.5346	0.0476	0.6853
hepmass1%		0.3311	0.6689	0.3020	-0.3321	1.0000
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.3827	0.6173	0.3865	-0.2134	1.0000
higgs1%		0.3809	0.6191	0.3793	-0.2017	1.0000
higher		0.1429	0.2143	0.0455	-0.0701	0.3943
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.5938	0.4062	0.5888	0.1680	0.9112
hiv1-proteasa		0.8246	0.1754	0.6725	0.3433	0.7350
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5556	0.2963	0.3649	0.1056	0.4898
hotel-reservartions		0.8024	0.1976	0.7758	0.5516	0.6883
hr		0.8632	0.1368	0.5844	0.0359	0.4036
ht-sensor		0.4839	0.3441	0.4901	0.2331	0.7262
ht-sensor10%		0.4766	0.3489	0.4809	0.2204	0.7328
htru2		0.7374	0.2626	0.6848	0.2649	0.5077
hypothyroid		0.9019	0.0491	0.2371	-0.0122	0.2379
hypothyroidT		0.8647	0.1353	0.6409	0.2674	0.6447
ilpd		0.5932	0.4068	0.5528	0.1027	0.8901
immuno-therapy		0.4444	0.5556	0.6429	0.1509	0.4711
instagram		0.8207	0.0897	0.8250	0.7609	0.3148
ionosphere		0.7143	0.2857	0.7491	0.4462	0.6541
iris		0.5333	0.3111	0.6342	0.3354	0.4132
irish		0.9800	0.0200	0.9802	0.9596	0.1220
isolet		0.6585	0.0263	0.6643	0.6449	0.2196
jm1		0.7989	0.2011	0.5894	0.1374	0.7178
jvowels		0.4548	0.1212	0.4793	0.3866	0.5391
kc1		0.8341	0.1659	0.5942	0.1514	0.6962
kc1-class-level-defectiveornot		0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect		0.6923	0.1231	0.2842	0.3810	0.2648
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.5148	0.0231	0.8187
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9414	0.0586	0.4849	-0.0130	0.5135
kddcup99		0.4170	0.0583	0.1055	0.2681	0.0779
kddcup991%		0.4128	0.0903	0.1173	0.2648	0.0963
kddcup9910%		0.4138	0.0617	0.1111	0.2657	0.0855
kepler		0.7218	0.1855	0.7022	0.5608	0.4885
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.6054	0.2105	0.9054
krkopt		0.2916	0.0787	0.2352	0.2044	0.5950
krvskp		0.9060	0.0940	0.9065	0.8119	0.4108
la1s-wc		0.6317	0.1228	0.5864	0.5259	0.4526
la2s-wc		0.5662	0.1446	0.5538	0.4322	0.5112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
labor		0.1667	0.8333	0.1429	-0.6667	0.9586
leaf		0.3824	0.0537	0.2897	0.3527	0.1734
led24		0.4500	0.1222	0.4535	0.3768	0.2852
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.3115	0.0530	0.3652	0.2840	0.5148
leukemia		0.4286	0.3810	0.5045	0.1515	0.5285
leukemia2		0.7143	0.2857	0.7083	0.4167	0.8058
libra		0.4167	0.0778	0.4571	0.3768	0.2559
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.5588	0.4412	0.5978	0.1694	0.8239
loan		0.8431	0.1569	0.8354	0.6428	0.4739
localization		0.2661	0.1334	0.1623	0.0947	0.6501
lrs		0.4528	0.1563	0.5097	0.2222	0.3774
lung		0.7619	0.0952	0.4688	0.4615	0.2907
lung_discrete		0.6250	0.1500	0.5032	0.5102	0.1461
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.8000	0.0800	0.5263	0.4483	0.1594
lung-cancer-harvard2		0.7222	0.2778	0.5600	0.1176	0.7900
lung-cancer-michigan		0.7778	0.2222	0.4375	-0.1250	0.7500
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.7143	0.1905	0.5298	0.4955	0.3025
lymphoma2		0.7778	0.0741	0.6377	0.6667	0.1222
machine-failure		0.6915	0.3085	0.7342	0.4148	0.6715
madelon		0.4769	0.5231	0.4769	-0.0462	1.0000
magic04		0.7585	0.2415	0.7237	0.4361	0.7373
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.8348	0.1652	0.6133	0.2146	0.7372
maternal		0.6337	0.2442	0.6396	0.4358	0.5682
math		0.3750	0.3125	0.3746	0.0138	0.6290
mba		0.7258	0.1828	0.3483	0.0469	0.4155
mental-disorders		0.7500	0.1250	0.7913	0.6667	0.1743
mental-health		0.2133	0.3147	0.2174	0.0173	0.8337
messidor		0.7043	0.2957	0.7149	0.4173	0.7781
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		0.8889	0.0741	0.9026	0.8333	0.1548
meter-C		0.8889	0.0556	0.9184	0.8448	0.1344
meter-D		0.8333	0.0833	0.6813	0.7642	0.1404
mfeat-fac		0.6800	0.0640	0.6889	0.6444	0.2773
mfeat-fou		0.5650	0.0870	0.5589	0.5167	0.3976
mfeat-kar		0.7400	0.0520	0.7579	0.7111	0.2361
mfeat-mor		0.2650	0.1470	0.2593	0.1833	0.4171
mfeat-pix		0.7000	0.0600	0.7197	0.6667	0.2585
mfeat-zer		0.4600	0.1080	0.4610	0.4000	0.4793
mice-prot		0.6759	0.0810	0.6829	0.6281	0.3402
milk		0.8208	0.1195	0.8440	0.7350	0.2774
mines		0.5000	0.2000	0.4355	0.3738	0.4046
mobile		0.5210	0.0171	0.5325	0.5123	0.1949
monks-1		0.6000	0.4000	0.5999	0.1976	0.9234
monks-2		0.4754	0.5246	0.4317	-0.1362	0.9875
monks-3		0.7321	0.2679	0.7373	0.4670	0.7553
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.8610	0.1390	0.8630	0.7226	0.5219
music		0.2239	0.1411	0.2292	0.1234	0.7787
musk		0.8227	0.1773	0.5782	0.1388	0.7493

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP2		0.5971	0.4029	0.5790	0.1571	0.9358
MUT_ci300400a_cdk_ECFP4		0.5449	0.4551	0.5136	0.0263	0.9746
MUT_ci300400a_cdk_ECFP6		0.5737	0.4263	0.5288	0.0476	0.9127
MUT_ci300400a_cdk_ESTATE		0.6847	0.3153	0.6679	0.3248	0.8279
MUT_ci300400a_cdk_EXTENDED		0.5695	0.4305	0.5409	0.0792	0.9553
MUT_ci300400a_cdk_FCFP2		0.7150	0.2850	0.7045	0.4084	0.8067
MUT_ci300400a_cdk_FCFP4		0.5923	0.4077	0.5703	0.1385	0.9391
MUT_ci300400a_cdk_FCFP6		0.5911	0.4089	0.5574	0.1048	0.9201
MUT_ci300400a_cdk_MACCS		0.7074	0.2926	0.6945	0.3859	0.8131
MUT_ci300400a_cdk_PUBCHEM		0.6228	0.3772	0.6106	0.2211	0.9112
MUT_ci300400a_cdk_STANDARD		0.5713	0.4287	0.5352	0.0652	0.9446
MUT_ci300400a_rdkit_descriptors		0.7105	0.2895	0.6999	0.3955	0.8052
myocardial		0.8235	0.0441	0.1298	0.0524	0.2454
naticusdroid		0.9253	0.0747	0.9257	0.8506	0.3491
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7872	0.0224	0.0699	0.0704	0.1344
ncRNA10%		0.7806	0.0231	0.0680	0.0219	0.1363
neo		0.5952	0.4048	0.3797	-0.1639	0.5473
new-thyroid		0.8095	0.1270	0.5783	0.5172	0.3196
new-thyroidT		0.2857	0.7143	0.3438	-0.1538	0.5875
newspop		0.4054	0.5946	0.4102	-0.1590	1.0000
NHANES_age_prediction		0.6388	0.3612	0.6879	0.2710	0.5488
nomao		0.7589	0.2411	0.7143	0.4273	0.7658
NPHA-doctor-visits		0.4306	0.3796	0.3141	0.0157	0.7393
nursery		0.6836	0.1582	0.6217	0.5387	0.5351
obesity		0.6398	0.1029	0.6714	0.5804	0.3484
obs		0.5370	0.2315	0.5365	0.3475	0.5337
occupancy		0.7087	0.2913	0.7581	0.4263	0.5560
Occupancy_Estimation		0.6417	0.1792	0.4806	0.3256	0.5460
oh0-wc		0.4950	0.1010	0.3940	0.4015	0.3491
oh10-wc		0.4952	0.1010	0.4422	0.4133	0.4176
oh15-wc		0.4674	0.1065	0.4333	0.3770	0.3670
oh5-wc		0.3956	0.1209	0.3708	0.2947	0.4004
olive		0.4912	0.1131	0.3764	0.4024	0.2488
opn310k		0.9057	0.0943	0.5696	0.0594	0.4766
opn310k10%		0.9056	0.0944	0.4752	-0.0109	0.4510
opnat310k-hg16-17		0.9070	0.0930	0.5919	0.0938	0.4857
optdigits		0.6619	0.0676	0.6634	0.6246	0.3349
optdigitsZ		0.9893	0.0107	0.9686	0.9364	0.2203
orl		0.7500	0.0125	0.6818	0.7436	0.0420
ovarian-cancer		0.4400	0.5600	0.3584	-0.2774	1.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.8972	0.1028	0.5444	0.0828	0.6928
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6340	0.3660	0.5879	0.1757	0.9081
P-Glycoprotein_c_RDkit_AtomPair_FP		0.6905	0.3095	0.7018	0.3890	0.7914
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9232	0.0307	0.3207	0.3857	0.1643
parkinson		0.7167	0.2833	0.7059	0.3655	0.7024
parkinsons		0.6209	0.3791	0.5664	0.1220	0.9055
parkinsons-small		0.7895	0.2105	0.6999	0.3770	0.7072
particle		0.8695	0.1305	0.8520	0.6968	0.5495
particle10%		0.8592	0.1408	0.8383	0.6710	0.5771
pasture		0.2500	0.5000	0.1667	-0.0909	0.3508
pc1		0.8919	0.1081	0.4714	-0.0505	0.7079
pcmac		0.5361	0.4639	0.4534	-0.0614	0.9210
pcos		0.9767	0.0233	0.9662	0.9301	0.2305

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pd			0.7632	0.2368	0.6420	0.2653	0.7750
pediatric-leukemia			0.7353	0.0756	0.6711	0.6695	0.2088
pendigits			0.6806	0.0639	0.6690	0.6442	0.3358
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.5889	0.4111	0.5560	0.1117	0.9441
personalities			0.7655	0.0293	0.7676	0.7499	0.2950
pet-adoption			0.5450	0.4550	0.6769	0.2334	0.5696
phishing			0.8612	0.1388	0.8539	0.7077	0.5442
PhiUSIIL			0.6696	0.3304	0.6556	0.2964	0.8356
PhiUSIIL10%			0.6522	0.3478	0.6511	0.3005	0.8713
phone-acc0.1%			0.4296	0.1630	0.4311	0.3314	0.5326
phone-acc1%			0.5330	0.1334	0.5209	0.4525	0.4717
phone-gyr0.1%			0.5212	0.1368	0.5199	0.4397	0.4629
phone-gyr1%			0.5986	0.1147	0.5916	0.5297	0.3868
phoneme			0.6019	0.3981	0.5630	0.1220	0.8793
phy			0.5222	0.4778	0.5221	0.0441	0.9865
pima			0.7105	0.2895	0.6891	0.3407	0.7408
pirvision			0.5800	0.2800	0.4818	0.1101	0.4855
placement			0.7720	0.2280	0.7712	0.5396	0.7103
plant-growth			0.5789	0.4211	0.5778	0.1556	0.9466
plrx			0.6667	0.3333	0.5282	0.0526	0.9011
poker1%			0.4273	0.1636	0.1309	-0.0345	0.3245
poker10%			0.4940	0.1265	0.1170	-0.0064	0.2361
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9286	0.0714	0.5206	0.0390	0.6560
polish-4th			0.9347	0.0653	0.5238	0.0347	0.6080
polish-5th			0.8832	0.1168	0.5321	0.0641	0.6872
polya			0.6151	0.3849	0.5343	0.0608	0.9160
popularity			0.6252	0.2499	0.3646	0.0779	0.4907
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.4753	0.2099	0.4555	0.3423	0.5546
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6353	0.2647	0.8828
prestige			0.4444	0.3704	0.3878	0.2373	0.2969
primary-tumor			0.2727	0.1119	0.2072	0.1801	0.3423
processed			0.9583	0.0417	0.9554	0.9075	0.2516
profb			0.5970	0.4030	0.4527	-0.0761	0.9439
promoters			0.4000	0.6000	0.4167	-0.1538	0.9932
prostate			0.7857	0.2143	0.8028	0.5333	0.4205
prostate_GE			0.5455	0.4545	0.5500	0.0984	0.9584
puc-rio			0.5281	0.1888	0.5388	0.4101	0.4881
puc-rio10%			0.5160	0.1936	0.5135	0.3890	0.5951
pufs-1281%			0.4973	0.5027	0.4973	-0.0054	1.0000
pufs-641%			0.5129	0.4871	0.5129	0.0258	0.9925
pulsar			0.6377	0.3623	0.6622	0.1929	0.4337
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc			0.5600	0.0677	0.2916	0.3586	0.3287
re1-wc			0.4518	0.0439	0.2179	0.3289	0.3515
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9789	0.0211	0.9791	0.9573	0.1091
rice			0.9566	0.0434	0.9576	0.9115	0.1794
rocket			0.6067	0.3933	0.5861	0.1715	0.9284
RT_IOT2022			0.9001	0.0167	0.5836	0.7596	0.1659
satimage			0.2862	0.2379	0.3008	0.1297	0.6840
satimageF			0.6485	0.3515	0.5498	0.0725	0.5829
satimageT			0.5785	0.4215	0.4659	-0.0436	0.5408
scadi			0.7143	0.1143	0.6600	0.6316	0.1509

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.4118	0.5882	0.4092	-0.1765	1.0000
sclerosis			0.9259	0.0741	0.9309	0.8525	0.2846
secom			0.9359	0.0641	0.6217	0.1485	0.4505
secondary_mushroom			0.6836	0.3164	0.6831	0.3650	0.8384
seeds			0.5714	0.2857	0.5909	0.3571	0.5071
segment			0.6580	0.0977	0.6897	0.5999	0.2964
segmentation			0.6535	0.3465	0.6223	0.2447	0.8854
segmentO			0.7965	0.2035	0.7257	0.4115	0.6507
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			0.9497	0.0503	0.8456	0.6665	0.3098
sens-1-gram			0.8132	0.1868	0.5028	0.0052	0.7879
sens-2-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sens-3-gram			0.8184	0.1816	0.4952	-0.0085	0.7842
sens-4-gram			0.8421	0.1579	0.5443	0.0732	0.7331
sensorless			0.3826	0.1123	0.4058	0.3208	0.5774
sepsis			0.8937	0.1063	0.4749	-0.0250	0.6183
shoppers			0.7867	0.2133	0.6315	0.2599	0.7540
shuttle			0.6759	0.0926	0.2893	0.3076	0.2259
sick			0.8249	0.1751	0.6146	0.1890	0.5610
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin			0.9287	0.0713	0.9042	0.8006	0.4338
skin10%			0.2316	0.7684	0.4059	-0.0679	0.6231
smarket			0.8720	0.1280	0.8842	0.7423	0.3522
smart-farming			0.2200	0.3900	0.1754	-0.0529	0.7244
smk_can_187			0.6316	0.3684	0.6292	0.2570	0.8973
smoking			0.7387	0.2613	0.7299	0.4562	0.7657
soil_pollution			0.1933	0.3227	0.1887	-0.0096	0.8573
solar-flare			0.6403	0.1199	0.4797	0.5350	0.3365
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.5441	0.0480	0.6078	0.5115	0.2149
spam-detection			0.8525	0.1475	0.7339	0.4174	0.5998
spambase			0.8152	0.1848	0.8074	0.6147	0.6452
spect			0.3704	0.6296	0.4272	-0.1007	0.7620
spectf			0.5143	0.4857	0.5091	0.0165	0.8809
splice-EI			0.4574	0.5426	0.5892	0.1130	0.6566
splice-IE			0.7823	0.2177	0.6584	0.2972	0.7493
sport-articles			0.6500	0.3500	0.6402	0.2775	0.8681
squash-stored			0.4000	0.4000	0.2222	0.0000	0.3434
squash-unstored			0.4000	0.6000	0.2857	-0.3636	1.0000
startup			0.6774	0.3226	0.6302	0.2548	0.8634
steel_industry			0.7489	0.1674	0.7047	0.5942	0.4868
steel-b			0.6769	0.3231	0.5580	0.1143	0.8366
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.5949	0.4051	0.6097	0.1773	0.7091
steel-o			0.5795	0.4205	0.5715	0.1389	0.9093
steel-p			0.8513	0.1487	0.4919	-0.0162	0.7093
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.8462	0.1538	0.7105	0.3851	0.6281
stellar			0.9099	0.0601	0.8999	0.8382	0.2610
stock			0.7986	0.2014	0.5061	0.0067	0.7082
stockb			0.7269	0.1821	0.7322	0.5903	0.4337
streaming			0.8020	0.1980	0.7991	0.5968	0.6587
stress			0.8095	0.0762	0.8418	0.7627	0.1192
student-lifestyle			0.6250	0.1500	0.3225	0.3638	0.4128
student-depression			0.3925	0.6075	0.4007	-0.1902	1.0000
student-habits			0.3500	0.2600	0.1664	-0.0191	0.5696
student-weekend			0.3077	0.2769	0.1748	-0.0114	0.6779

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
student-workday			0.6719	0.1313	0.1607	-0.0484	0.3336
studentap			0.4615	0.3590	0.3636	0.1415	0.6862
susy1%			0.7704	0.2296	0.7742	0.5268	0.6565
swarm_aligned			0.9421	0.0579	0.9322	0.8643	0.3157
swarm_flocking			0.8006	0.1994	0.8016	0.6012	0.6567
swarm_grouped			0.8555	0.1445	0.8456	0.6911	0.5622
tae			0.4000	0.4000	0.3944	0.1000	0.7208
telco-churn			0.7614	0.2386	0.6462	0.2438	0.7153
texture			0.5200	0.0873	0.5374	0.4700	0.4461
theorem			0.8560	0.1440	0.8716	0.7168	0.4388
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.7105	0.2895	0.6387	0.2768	0.8416
tic-tac-toe			0.4421	0.5579	0.5479	0.0615	0.7630
tis			0.6432	0.3568	0.5293	0.0586	0.8900
tis10%			0.7388	0.2612	0.5661	0.1046	0.7935
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1500	0.2894	0.4146	0.1775
tox_171			0.3529	0.3235	0.3803	0.1053	0.5476
toxicity			0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f			0.4118	0.5882	0.3561	-0.2879	1.0000
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.5122	0.1084	0.2471	0.3584	0.3547
trec12-wc			0.4194	0.1452	0.3431	0.2096	0.3037
trec21-wc			0.6667	0.1333	0.1600	-0.0401	0.3655
trec23-wc			0.5714	0.1429	0.3193	0.3127	0.3355
trec31-wc			0.6129	0.1290	0.3467	0.4455	0.3708
trec41-wc			0.5000	0.1000	0.2591	0.3501	0.3582
trec45-wc			0.4783	0.1043	0.4149	0.3795	0.3854
tuandromd			0.7197	0.2803	0.6910	0.3448	0.7032
turkish			0.4000	0.3000	0.4062	0.2000	0.6240
tvnews			0.5354	0.4646	0.5452	0.0855	0.9217
tvnews1%			0.5923	0.4077	0.5567	0.1133	0.9415
tvnews10%			0.6870	0.3130	0.6411	0.2280	0.7506
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.4627	0.1194	0.4078	0.3688	0.4185
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.3452	0.3274	0.3438	0.1317	0.6972
vehicleVAN			0.8095	0.1905	0.8143	0.5844	0.5698
voice			0.5833	0.4167	0.5000	0.0000	0.9580
vote			0.4651	0.5349	0.4654	-0.0692	1.0000
vowel			0.2929	0.1286	0.3245	0.2222	0.4082
vowelZ			0.7879	0.2121	0.7213	0.3419	0.5253
vrnormat310k-hg16-17			0.9087	0.0913	0.5746	0.0177	0.3001
warpar10p			0.4615	0.1077	0.3477	0.4013	0.1689
warppie10p			0.6667	0.0667	0.5859	0.6288	0.1118
watch-acc1%			0.5871	0.1180	0.5727	0.5177	0.4658
watch-gyr1%			0.6048	0.1129	0.5809	0.5374	0.3957
water_pollution			0.2267	0.3867	0.2231	-0.0319	0.8399
waveform			0.4820	0.3453	0.4958	0.2203	0.6398
weather-related			0.5019	0.0906	0.4772	0.4314	0.4211
web-phishing			0.4593	0.3605	0.5179	0.2422	0.5575
Weekly			0.8333	0.1667	0.8438	0.6707	0.5392
weight-lift			0.4989	0.2005	0.5037	0.3678	0.6298

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
white-clover			0.5000	0.5000	0.3333	-0.2857	1.0000
wifi-loc			0.7950	0.1025	0.7882	0.7267	0.2640
wilt			0.9048	0.0952	0.7775	0.4604	0.5158
wine			0.5294	0.3137	0.6011	0.2486	0.4540
winequality-red			0.5157	0.1614	0.2500	0.2651	0.4178
winequality-white			0.4519	0.1827	0.2489	0.1866	0.6836
winnipeg			0.7373	0.0751	0.6126	0.6774	0.3406
winnipeg10%			0.8450	0.0443	0.6970	0.8044	0.2911
wisc_bc			0.4211	0.5789	0.4344	-0.1216	0.9722
yale			0.6250	0.0500	0.5455	0.5966	0.0806
yeast			0.3378	0.1471	0.1708	0.1417	0.4591
yeastCYT-POX			0.6735	0.3265	0.4024	-0.0769	0.2992
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.5839	0.0832	0.5795	0.5348	0.4133

Table 57: Detailed results for GENSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1735	0.0787	0.0887	0.0791	0.4446
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.6500	0.3500	0.6508	0.3000	0.8761
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8498	0.1502	0.7820	0.5521	0.5970
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8742	0.1258	0.8716	0.7426	0.5015
alcohol		0.7524	0.0990	0.3181	0.4042	0.2911
alzheimers		0.8558	0.1442	0.8398	0.6778	0.5580
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9346	0.0327	0.6844	0.8729	0.1581
anuran-genus		0.9541	0.0115	0.8751	0.9238	0.1364
anuran-species		0.9667	0.0067	0.9257	0.9535	0.0661
anxiety		0.0833	0.2037	0.0730	-0.0336	0.8192
apple-quality		0.7350	0.2650	0.7364	0.4700	0.7649
aps-failure		0.9907	0.0093	0.8514	0.6881	0.2757
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.8775	0.1225	0.6686	0.0652	0.2579
audiology		0.7727	0.0413	0.6968	0.7324	0.1074
audit-risk		0.9615	0.0385	0.9598	0.9193	0.2145
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.8000	0.0667	0.6970	0.7306	0.1468
avila		0.5391	0.0768	0.3084	0.3085	0.3754
babies		0.4274	0.1636	0.1696	0.0999	0.4774
balance		0.8871	0.0753	0.6118	0.7881	0.2080
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8963	0.1037	0.8868	0.7681	0.4193
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9966	0.0034	0.8951	0.7726	0.1002
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8762	0.1238	0.8695	0.7388	0.5111
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6336	0.1832	0.6340	0.5114	0.5012
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.7793	0.0441	0.6867	0.7316	0.1937
cardiotocography-nsp		0.8685	0.0876	0.7557	0.6188	0.4170
cardiovascular		0.7003	0.2997	0.7009	0.4005	0.8173
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.7750	0.1500	0.6866	0.5904	0.4974
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7415	0.2585	0.7407	0.4812	0.7631
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4600	0.5400	0.3151	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4592	0.5408	0.3147	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8449	0.1034	0.4037	0.0682	0.2460
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8050	0.1950	0.6210	0.1413	0.5848
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7857	0.1429	0.5348	0.5605	0.3451
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7944	0.1028	0.5462	0.6729	0.3197
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4762	0.3492	0.4513	0.1708	0.7577
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8703	0.0236	0.6935	0.8420	0.1996
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
comedy_comparisons10%		0.4827	0.5173	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7716	0.2284	0.7716	0.5432	0.7149
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.5356	0.1327	0.2160	0.1571	0.3309
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9995	0.0005	0.9188	0.8349	0.2005
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8885	0.0372	0.6696	0.7601	0.2266
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.2188	0.0488	0.1925	0.1935	0.1614
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8107	0.1893	0.6768	0.2704	0.5866
defect		0.8889	0.1111	0.7680	0.4394	0.3325
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8846	0.1154	0.8781	0.7562	0.4872
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.8537	0.1463	0.7531	0.4853	0.6004
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9500	0.0250	0.9350	0.9305	0.0670
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3787	0.6213	0.2747	0.0000	0.5182
dropout		0.7585	0.1610	0.6720	0.5932	0.4726
drug-01		0.4309	0.1626	0.1479	0.0689	0.3409
drug-02		0.5160	0.1383	0.0976	0.0045	0.2927
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5319	0.1337	0.0996	0.0055	0.2904
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4255	0.1641	0.2348	0.2597	0.4761
drug-07		0.4309	0.1897	0.1004	0.0000	0.2655
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5532	0.1277	0.1511	0.1163	0.3527
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6223	0.1079	0.1763	0.2593	0.3262
drug-14		0.5904	0.1170	0.2351	0.1811	0.3416
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5745	0.1418	0.2641	0.2632	0.4260
drug-17		0.3670	0.1809	0.1344	0.1131	0.4318
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9251	0.0214	0.9375	0.9093	0.1231
ecoli		0.8235	0.0441	0.5314	0.7521	0.1377
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.3691	0.0789	0.3785	0.2963	0.5995
eeg-eye		0.6095	0.3905	0.6001	0.1700	0.8489
eeg10%		0.3706	0.0787	0.3944	0.2985	0.5647
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.9494	0.0506	0.8404	0.6418	0.2520
exon.vs.intron-freq		0.8970	0.1030	0.8993	0.7946	0.4221
exon.vs.intron-freq10%		0.8932	0.1068	0.8951	0.7868	0.4367
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7059	0.2941	0.7074	0.3846	0.7439
financial-risk		0.7705	0.0765	0.4786	0.6132	0.2377
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9231	0.0385	0.9152	0.8943	0.1225
gas		0.9763	0.0079	0.9751	0.9712	0.0502
gastrointestinal		0.1875	0.5417	0.1053	0.0000	0.4117
gender		0.6021	0.2653	0.3807	0.1449	0.5100
gene		0.9243	0.0505	0.9163	0.8793	0.2217
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.3288	0.3356	0.3504	0.1051	0.7657
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
glioma-grade		0.8810	0.1190	0.8813	0.7590	0.4804
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4000	0.3000	0.3225	0.1667	0.5011
haberman		0.7000	0.3000	0.4118	-0.0630	0.7714
har		0.6916	0.1233	0.6834	0.6090	0.4561
har70		0.7655	0.0670	0.3922	0.6186	0.1535
har701%		0.7642	0.0674	0.3886	0.6161	0.1467
har7010%		0.1850	0.2329	0.0446	0.0000	0.2874
harth		0.6646	0.0559	0.2455	0.5199	0.2291
harth1%		0.6626	0.0562	0.2360	0.5167	0.2239
harth10%		0.6640	0.0560	0.2456	0.5193	0.2299
hayes-roth		0.5000	0.3333	0.5657	0.1847	0.5086
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-failure		0.8540	0.1460	0.8287	0.6570	0.5834
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.8367	0.1633	0.8367	0.6735	0.5901
hepmass1%		0.8363	0.1637	0.8363	0.6726	0.5910
hepmass10%		0.8362	0.1638	0.8362	0.6723	0.5914
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.6421	0.3579	0.6395	0.2714	0.8732
higgs0.1%		0.6600	0.3400	0.6575	0.3099	0.8599
higgs1%		0.6423	0.3577	0.6399	0.2702	0.8685
higgs10%		0.6417	0.3583	0.6395	0.2708	0.8718
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.5859	0.2761	0.5897	0.3773	0.6421
ht-sensor10%		0.5673	0.2885	0.5711	0.3501	0.6587
htru2		0.9765	0.0235	0.9258	0.8445	0.1588
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9480	0.0260	0.9494	0.9307	0.0999
ionosphere		0.8571	0.1429	0.8291	0.6421	0.5116
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8127	0.1873	0.6144	0.1130	0.5455
jvowels		0.9378	0.0138	0.9351	0.9294	0.0983
kc1		0.8815	0.1185	0.7403	0.3730	0.3783
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8269	0.1731	0.6980	0.3237	0.5729
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.8536	0.0976	0.8044	0.7577	0.2278
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9250	0.0750	0.9216	0.8421	0.3697
krkopt		0.2720	0.0809	0.1851	0.1676	0.5347
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7941	0.0179	0.7965	0.7834	0.0541
led24		0.7000	0.0600	0.6650	0.6610	0.1248
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7210	0.0215	0.7202	0.7097	0.2652
libra		0.8611	0.0185	0.8583	0.8507	0.0642
linkage		0.9998	0.0002	0.9887	0.9772	0.0011
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.9999	0.0001	0.9940	0.9879	0.0006
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9251	0.0749	0.9198	0.8393	0.3597
localization		0.1984	0.1457	0.0301	0.0000	0.3192

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8868	0.0323	0.6525	0.8427	0.0688
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5538	0.4462	0.5548	0.1077	0.9578
magic04		0.7817	0.2183	0.7521	0.4957	0.7009
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8333	0.1667	0.8347	0.6671	0.5906
marketing		0.8884	0.1116	0.7386	0.4169	0.4831
maternal		0.6535	0.2310	0.6610	0.4644	0.5140
math		0.7500	0.1250	0.7011	0.6109	0.3439
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.6957	0.3043	0.6991	0.3934	0.8118
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.5833	0.4449	0.2569
meter-D		0.7778	0.1111	0.6252	0.6828	0.2443
mfeat-fac		0.9750	0.0050	0.9755	0.9722	0.0293
mfeat-fou		0.8400	0.0320	0.8414	0.8222	0.1470
mfeat-kar		0.9600	0.0080	0.9605	0.9556	0.0506
mfeat-mor		0.7200	0.0560	0.7250	0.6889	0.1959
mfeat-pix		0.9750	0.0050	0.9764	0.9722	0.0262
mfeat-zer		0.8150	0.0370	0.8169	0.7944	0.1238
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8774	0.0818	0.8860	0.8160	0.2605
mines		0.5000	0.2000	0.4489	0.3745	0.3937
mobile		0.8462	0.0055	0.8582	0.8434	0.0702
monks-1		0.6182	0.3818	0.6203	0.2326	0.8914
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.4839	0.0938	0.4854	0.3714	0.5260
musk		0.9258	0.0742	0.8461	0.6568	0.2918
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.7845	0.2155	0.7785	0.5566	0.6967
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4959	0.5041	0.3315	0.0000	0.5288
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
ncRNA		0.8629	0.0144	0.1684	0.5583	0.2024
ncRNA1%		0.8620	0.0145	0.1507	0.5492	0.1858
ncRNA10%		0.8634	0.0144	0.1692	0.5608	0.1815

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6446	0.3554	0.6419	0.2833	0.8862
NHANES_age_prediction		0.9868	0.0132	0.9750	0.9487	0.0546
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5278	0.3148	0.3416	0.0137	0.4489
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.8057	0.0555	0.8020	0.7733	0.2085
obs		0.7870	0.1065	0.8076	0.6752	0.2623
occupancy		0.9869	0.0131	0.9821	0.9637	0.1431
Occupancy_Estimation		0.9882	0.0059	0.9638	0.9639	0.0460
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.9123	0.0195	0.8353	0.8898	0.0492
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9609	0.0078	0.9625	0.9565	0.0557
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
page-blocks		0.9616	0.0154	0.8230	0.7556	0.1200
parkinson		0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons		0.7820	0.2180	0.7753	0.5479	0.7005
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.8502	0.1498	0.8046	0.5937	0.5560
particle10%		0.8523	0.1477	0.8078	0.6032	0.5601
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8289	0.1711	0.7760	0.5517	0.6697
pendigits		0.9363	0.0127	0.9362	0.9292	0.0990
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.9172	0.0104	0.9173	0.9116	0.1310
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%		0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%		0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.7741	0.2259	0.7105	0.4184	0.7547
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.7237	0.2763	0.7074	0.3667	0.6931
pirvision		0.9830	0.0113	0.9659	0.9458	0.0913
placement		0.7950	0.2050	0.7898	0.5796	0.6795
plant-growth		0.7368	0.2632	0.7360	0.4693	0.7643

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.0000	0.2222	0.0000	0.0000	0.2380
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9323	0.0677	0.6329	0.0822	0.2909
polya		0.7946	0.2054	0.7710	0.5382	0.6850
popularity		0.6615	0.2256	0.4089	0.1890	0.4697
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.8303	0.0679	0.8310	0.7879	0.2654
pred-tox_mutagen_ref-desc		0.6029	0.3971	0.6068	0.2059	0.9040
prestige		0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor		0.1818	0.1259	0.0237	0.0000	0.3708
processed		0.9922	0.0078	0.9911	0.9822	0.0712
profb		0.3284	0.6716	0.2472	0.0000	0.4975
promoters		0.8000	0.2000	0.8077	0.5455	0.4011
puc-rio		0.8213	0.0715	0.7533	0.7580	0.2673
puc-rio10%		0.8292	0.0683	0.7578	0.7687	0.2622
pufs-128		0.5007	0.4993	0.5007	0.0013	0.9995
pufs-1281%		0.5077	0.4923	0.5077	0.0153	0.9955
pufs-12810%		0.4997	0.5003	0.4997	-0.0007	1.0000
pufs-64		0.5028	0.4972	0.5028	0.0056	0.9978
pufs-641%		0.5029	0.4971	0.5029	0.0058	0.9983
pufs-6410%		0.5023	0.4977	0.5023	0.0046	0.9987
pulsar		0.9785	0.0215	0.9329	0.8592	0.1352
raisin		0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc		0.0200	0.1508	0.0030	0.0000	0.3266
rejafada		0.0352	0.9648	0.0340	0.0000	0.0946
rice		0.9846	0.0154	0.9845	0.9689	0.0993
rocket		0.6139	0.3861	0.5786	0.1438	0.8988
RT_IOT2022		0.0336	0.1611	0.0054	0.0000	0.1744
satimage		0.8398	0.0534	0.7983	0.8012	0.2143
satimageF		0.9860	0.0140	0.9632	0.9255	0.1348
satimageT		0.8989	0.1011	0.4734	0.0000	0.2253
scadi		0.7143	0.0816	0.4989	0.6316	0.1395
schiller		0.7778	0.2222	0.4375	0.0000	0.3750
schizo		0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.8974	0.1026	0.6098	0.2180	0.6572
secondary_mushroom		0.5548	0.4452	0.3568	0.0000	0.5166
seeds		0.9524	0.0317	0.9553	0.9286	0.0868
segment		0.9307	0.0198	0.9376	0.9190	0.0797
segmentation		0.8168	0.1832	0.7977	0.5945	0.6489
segmentO		0.9957	0.0043	0.9913	0.9825	0.0218
seismic		0.9341	0.0659	0.4830	0.0000	0.1661
semeion		0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sensorless		0.8648	0.0246	0.8650	0.8513	0.1315
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8459	0.1541	0.4583	0.0000	0.2991
shuttle		0.9545	0.0130	0.5215	0.8664	0.1813
sick		0.9602	0.0398	0.8142	0.5764	0.2517

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9353	0.0647	0.9090	0.8142	0.4160
skin10%			0.9322	0.0678	0.9032	0.8038	0.4271
smarket			0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smoking			0.7474	0.2526	0.7354	0.4689	0.7597
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7482	0.0839	0.6763	0.6746	0.1930
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9395	0.0605	0.7937	0.5670	0.4467
spambase			0.3957	0.6043	0.2835	0.0000	0.5229
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.0192	0.0727	0.0014	0.0000	0.4054
splice-EI			0.9590	0.0410	0.9479	0.8944	0.2900
splice-IE			0.9211	0.0789	0.8904	0.7807	0.4326
sport-articles			0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.7509	0.1661	0.7034	0.5987	0.4763
steel-b			0.8154	0.1846	0.6741	0.3078	0.6699
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9692	0.0308	0.9539	0.9074	0.2597
steel-o			0.7487	0.2513	0.7104	0.3717	0.6713
steel-p			0.9231	0.0769	0.6576	0.1895	0.4020
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9487	0.0513	0.8542	0.7084	0.4722
stellar			0.9101	0.0599	0.8995	0.8352	0.2290
stock			0.9236	0.0764	0.8636	0.7209	0.4165
stockb			0.8811	0.0793	0.8866	0.8217	0.1867
streaming			0.8000	0.2000	0.7977	0.5953	0.6669
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6400	0.1440	0.3519	0.3964	0.3853
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4300	0.2280	0.1979	0.0950	0.4578
student-weekend			0.3692	0.2523	0.2052	0.0867	0.5817
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6923	0.2051	0.5260	0.5000	0.2833
susy			0.7855	0.2145	0.7871	0.5601	0.6498
susy1%			0.7886	0.2114	0.7900	0.5666	0.6460
susy10%			0.7873	0.2127	0.7886	0.5639	0.6488
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8991	0.1009	0.8683	0.7356	0.4784
texture			0.9909	0.0017	0.9912	0.9900	0.0142
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8273	0.1727	0.8016	0.5483	0.4541
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
toxicity			0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
tuandromd			0.8064	0.1936	0.4464	0.0000	0.3453
turkish			0.8000	0.1000	0.8041	0.7333	0.2397
tvnews			0.8902	0.1098	0.8807	0.7608	0.4696
tvnews1%			0.9231	0.0769	0.9174	0.8349	0.3756
tvnews10%			0.8959	0.1041	0.8870	0.7725	0.4456
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8209	0.0398	0.8593	0.7904	0.1280
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7143	0.1429	0.6759	0.6142	0.2497
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5758	0.0771	0.6089	0.5333	0.1974
vowelZ			1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17			0.9174	0.0826	0.6739	0.2239	0.4007
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2067	0.3967	0.2079	-0.0585	0.8886
waveform			0.8460	0.1027	0.8463	0.7690	0.3584
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.7926	0.1383	0.5454	0.6081	0.3444
Weekly			0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5975	0.1342	0.2691	0.3261	0.3423
winequality-white			0.5153	0.1616	0.2850	0.2068	0.4606
winnipeg			0.9865	0.0038	0.9817	0.9830	0.0371
winnipeg10%			0.9865	0.0039	0.9894	0.9829	0.0253
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yeast			0.5068	0.0986	0.3313	0.3608	0.3480
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9301	0.0140	0.9241	0.9217	0.1073

Table 58: Detailed results for GLM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1807	0.0780	0.1283	0.0932	0.5060
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9299	0.0701	0.8508	0.7011	0.4792
adult		0.8462	0.1538	0.7749	0.5441	0.6291
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1431_KlekotaRothFingerprinter		0.6190	0.3810	0.4743	-0.0324	0.5078
AID_1431_MACCSFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878		0.7619	0.2381	0.5083	0.0150	0.8330
AID_602330		0.9115	0.0885	0.4768	-0.0462	0.6061
AID_652128		0.8687	0.0875	0.3099	-0.0118	0.3886
AID1284Morered		0.6389	0.3611	0.6489	0.2148	0.5726
AID1284red		0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered		0.6796	0.3204	0.5401	0.0476	0.4468
AID1608red		0.8835	0.1165	0.5417	0.0817	0.6371
AID362red		0.9813	0.0187	0.5988	0.1909	0.5648
AID439Morered		0.5714	0.4286	0.6818	0.2222	0.4422
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.0030	0.9970	0.0030	0.0000	0.0086
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.4500	0.5500	0.3103	-0.3750	0.9873
AID644red		0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9967	0.0033	0.4992	-0.0006	0.3287
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.5303	0.0526	0.7987
AID721red		0.7778	0.2222	0.6786	0.3571	0.7720
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
aids		0.8592	0.1408	0.7963	0.5801	0.5679
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7524	0.0990	0.3254	0.4052	0.2603
all-aml		0.6667	0.3333	0.7500	0.4000	0.5283
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.9775	0.0090	0.9718	0.9524	0.0812
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9875	0.0125	0.4969	-0.0056	0.5615
anuran-family		0.9388	0.0306	0.6873	0.8812	0.1556
anuran-genus		0.9555	0.0111	0.8832	0.9262	0.1799
anuran-species		0.9597	0.0081	0.9160	0.9437	0.0740
anxiety		0.0833	0.2037	0.0827	-0.0334	0.8316
apple-quality		0.7300	0.2700	0.7307	0.4600	0.7760
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%		0.0080	0.9920	0.0080	0.0000	0.0228
arcene		0.6000	0.4000	0.6021	0.2000	0.9053
arrhythmia		0.5556	0.0889	0.2819	0.3289	0.4634
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.8182	0.0331	0.6851	0.7805	0.0950
audit-risk		0.9359	0.0641	0.9354	0.8624	0.2175
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.9857	0.0143	0.9825	0.9645	0.1355
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autos		0.7000	0.1000	0.5561	0.5960	0.2523
avila		0.5347	0.0775	0.3898	0.2891	0.3280
babies		0.4355	0.1613	0.1831	0.1066	0.4376
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.9107	0.0893	0.7485	0.4853	0.5697
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.4975	0.5025	0.3322	-0.0100	0.5946
bio10%		0.9966	0.0034	0.9154	0.8259	0.3982
biodeg		0.8571	0.1429	0.8494	0.6986	0.5580
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.5000	0.1429	0.4344	0.3902	0.2284
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8506	0.0747	0.6296	0.6796	0.3505
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography		0.7840	0.0432	0.7440	0.7384	0.2290
cardiotocography-nsp		0.8920	0.0720	0.8070	0.7004	0.3640
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9924	0.0051	0.9925	0.9886	0.0280
cars		0.7000	0.2000	0.5906	0.4533	0.5780
cas_N6512_cdk_ECFP2		0.7450	0.2550	0.7429	0.4856	0.7587
cas_N6512_rdkit_ATOMPAIR		0.6785	0.3215	0.6934	0.3683	0.7944
cas_N6512_RDkit_AtomPair_FP		0.6534	0.3466	0.6537	0.3066	0.8733
cas_N6512_rdkit_AVALON		0.7419	0.2581	0.7416	0.4827	0.7614
cas_N6512_RDkit_Avalon_FP		0.7607	0.2393	0.7588	0.5173	0.7336
cas_N6512_rdkit_descriptors		0.7477	0.2523	0.7463	0.4926	0.7547
cas_N6512_rdkit_FEATMORGAN		0.7358	0.2642	0.7339	0.4678	0.7729
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.7393	0.2607	0.7371	0.4739	0.7672
cas_N6512_rdkit_MACCS		0.7650	0.2350	0.7631	0.5230	0.7193
cas_N6512_RDkit_MACCS_FP		0.7577	0.2423	0.7564	0.5127	0.7390
cas_N6512_rdkit_MORGAN		0.7246	0.2754	0.7225	0.4448	0.7888
cas_N6512_RDkit_morgan_FP		0.7592	0.2408	0.7575	0.5150	0.7367
cas_N6512_rdkit_PATTERN		0.7754	0.2246	0.7746	0.5490	0.7092
cas_N6512_RDkit_pattern_FP		0.7469	0.2531	0.7466	0.4927	0.7540
cas_N6512_rdkit_RDKITFP		0.7235	0.2765	0.7225	0.4449	0.7896
cas_N6512_rdkit_TORSION		0.7092	0.2908	0.7074	0.4149	0.8100
ccds1%		0.7940	0.2060	0.5097	0.0112	0.3685
cdc_diabetes		0.8485	0.1010	0.4249	0.2040	0.3251
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6736	0.3264	0.6617	0.3190	0.8406
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.9302	0.0698	0.6408	0.2229	0.5285

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9302	0.0698	0.6880	0.3645	0.6070
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8054	0.6107	0.4619
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7579	0.2421	0.7415	0.4828	0.7506
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7704	0.1148	0.4942	0.6232	0.3001
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.2500	0.5000	0.2910	-0.0588	0.7140
cm1		0.9200	0.0800	0.7382	0.3103	0.1938
cmc		0.4762	0.3492	0.4428	0.1645	0.7594
cnae-9		0.7593	0.0535	0.7690	0.7292	0.2264
codon_usage		0.8611	0.0253	0.6700	0.8306	0.2283
coil20		0.9306	0.0069	0.9344	0.9269	0.0414
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		0.3200	0.0907	0.2751	0.2583	0.3534
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2		0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3		0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4		0.6552	0.3448	0.6009	0.1989	0.8605
colposcopies-5		0.7586	0.2414	0.6090	0.2162	0.7841
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.6552	0.3448	0.4777	-0.0432	0.9116
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons		0.5197	0.4803	0.3420	0.0000	0.5252
cottonmeloidogyne		0.7740	0.2260	0.7741	0.5481	0.7105
coupon		0.4314	0.5686	0.3014	0.0000	0.5291
covtype10%		0.7098	0.0829	0.5210	0.5229	0.4345
covtypeT		0.9429	0.0571	0.7450	0.4735	0.5177
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8811	0.0396	0.6879	0.7462	0.2867
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4062	0.0371	0.3754	0.3871	0.1119
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.7191	0.4194	0.7609
cylinder-bands		0.4630	0.5370	0.4984	-0.0026	0.9183
darwin		0.5556	0.4444	0.5570	0.1111	0.9528
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8147	0.1853	0.6859	0.3008	0.5989
defect		0.8827	0.1173	0.7477	0.4323	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9013	0.0987	0.7201	0.4163	0.5765
depressed		0.8322	0.1678	0.4542	0.0000	0.3159

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dermatology		0.9459	0.0180	0.9524	0.9327	0.0608
desharnais		0.8750	0.0833	0.9106	0.7838	0.2032
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.2500	0.5000	0.2600	-0.1163	0.7160
DIA		0.7000	0.3000	0.5625	0.1220	0.8719
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9566	0.0434	0.8457	0.6772	0.3560
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.3922	0.4052	0.3014	-0.0389	0.8329
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		0.2500	0.7500	0.3333	-0.2000	0.7988
dlbcl-nih		0.5000	0.5000	0.5000	0.0000	0.9831
dlbcl-stanford		0.6000	0.4000	0.5833	0.1667	0.9308
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.6001	0.3999	0.5968	0.1920	0.9264
dota210%		0.5689	0.4311	0.5655	0.1301	0.9537
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7652	0.1565	0.6778	0.6011	0.4577
drug-01		0.4202	0.1657	0.1676	0.0827	0.5155
drug-02		0.5106	0.1398	0.1695	0.1090	0.5257
drug-03		0.6809	0.1064	0.1570	0.0504	0.3490
drug-04		0.5213	0.1368	0.2076	0.0788	0.4360
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.2298	0.2555	0.4852
drug-07		0.4521	0.1826	0.1589	0.0622	0.3826
drug-08		0.5638	0.1246	0.2096	0.1267	0.4212
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.2216	0.1488	0.3650
drug-11		0.8511	0.0426	0.1317	0.0277	0.1222
drug-12		0.7872	0.0709	0.1468	-0.0056	0.3023
drug-13		0.6223	0.1079	0.2516	0.2348	0.3682
drug-14		0.6011	0.1140	0.2882	0.2552	0.3949
drug-15		0.7447	0.0729	0.1231	0.0221	0.2863
drug-16		0.6064	0.1312	0.3002	0.3335	0.4156
drug-17		0.3723	0.1793	0.1790	0.1241	0.4899
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7553	0.0699	0.1233	-0.0042	0.2725
drybean		0.9280	0.0206	0.9393	0.9129	0.1212
ecoli		0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2800	0.3600	0.2801	0.0397	0.8243
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6422	0.3578	0.6339	0.2624	0.8814
eeg10%		0.3266	0.0842	0.3317	0.2501	0.6333
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4110	0.2356	0.3938	0.2483	0.6120
euthyroid		0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq10%		0.8890	0.1110	0.8897	0.7781	0.4587
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
fbis-wc		0.2683	0.0861	0.2798	0.1914	0.6250
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.1500	0.2429	0.0373	0.0000	0.3663
forest		0.8654	0.0673	0.8446	0.8133	0.1793
gas		0.9756	0.0081	0.9751	0.9704	0.0577
gastrointestinal		0.3125	0.4583	0.3971	0.0168	0.5745
gender		0.6000	0.2667	0.3792	0.1413	0.5118
gene		0.9148	0.0568	0.9031	0.8639	0.2370
german		0.7700	0.2300	0.7372	0.4390	0.6592
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.7781	0.2219	0.7792	0.5550	0.6940
glass		0.8095	0.0635	0.7302	0.7264	0.1792
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8427	0.6816	0.5635
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.2000	0.5333	0.1667	-0.1111	0.5500
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.4000	0.6000	0.3902	-0.2000	0.9308
grub-damage		0.4667	0.2667	0.5106	0.2814	0.4541
gsalc		0.0000	0.3333	0.0000	-0.2462	0.4232
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
har		0.7385	0.1046	0.7275	0.6680	0.4053
har701%		0.7655	0.0670	0.4275	0.6214	0.1800
har7010%		0.7621	0.0680	0.4177	0.6159	0.1839
harth1%		0.6575	0.0571	0.2274	0.5051	0.2265
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.8365	0.1635	0.8365	0.6729	0.5907
hepmass1%		0.8366	0.1634	0.8366	0.6731	0.5905
hERG-121inputs		0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-64inputs		0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6600	0.3400	0.6573	0.3118	0.8649
higgs1%		0.6418	0.3582	0.6388	0.2717	0.8777
higher		0.2143	0.1964	0.1273	0.0941	0.3755
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa		0.9275	0.0725	0.8693	0.7383	0.4556
hiva		0.5461	0.4539	0.5392	0.0213	0.2185
horse		0.6111	0.2593	0.5873	0.3412	0.6284
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ht-sensor10%		0.5541	0.2972	0.5564	0.3309	0.6760
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9655	0.0172	0.6371	0.7625	0.1254
hypothyroidT		0.9416	0.0584	0.7697	0.5296	0.5154
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.8667	0.0889	0.8500	0.7973	0.2122
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8209	0.1791	0.6455	0.1720	0.5323
jvowels		0.9367	0.0141	0.9325	0.9283	0.0966
kc1		0.8436	0.1564	0.6394	0.2499	0.6882
kc1-class-level-defectiveornot		0.5333	0.4667	0.4652	-0.0606	0.9752
kc1-class-level-numericdefect		0.2308	0.3077	0.2388	0.0714	0.3248
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.5858	0.1675	0.8277
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.9854	0.0022	0.6362	0.9754	0.0926
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2827	0.0797	0.2179	0.1792	0.5301
krvskp		0.9718	0.0282	0.9717	0.9435	0.1739
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0256	0.6947	0.6929	0.0823
led24		0.5500	0.0900	0.5405	0.4972	0.1989
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7150	0.0219	0.7137	0.7035	0.2710
leukemia		0.4286	0.3810	0.4000	0.1765	0.4799
leukemia2		0.4286	0.5714	0.4541	-0.0769	0.9615
libra		0.5278	0.0630	0.4974	0.4921	0.1917
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.9204	0.0796	0.9148	0.8292	0.3758
localization		0.3968	0.1097	0.1672	0.1611	0.4943
localization10%		0.3926	0.1104	0.1607	0.1564	0.5065
lrs		0.7170	0.0809	0.4877	0.6045	0.2523
lung		0.4286	0.2286	0.2250	0.0968	0.4059
lung_discrete		0.0000	0.4000	0.0000	-0.1852	0.5833
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.3000	0.2800	0.1091	-0.0566	0.5619
lung-cancer-harvard2		0.6667	0.3333	0.6301	0.2174	0.6808
lung-cancer-michigan		0.4444	0.5556	0.3077	-0.2162	0.5422
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0714	0.4469	0.7255	0.1760
lymphoma2		0.2222	0.2593	0.1852	0.0455	0.2765
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5692	0.4308	0.5705	0.1385	0.9456
magic04		0.7817	0.2183	0.7523	0.4971	0.7031
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8430	0.6859	0.5749
marketing		0.1473	0.8527	0.1284	0.0000	0.3182

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
maternal		0.6337	0.2442	0.6411	0.4348	0.5369
math		0.7000	0.1500	0.6733	0.5463	0.4413
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.7217	0.2783	0.7201	0.4390	0.7902
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6667	0.1667	0.5715	0.5157	0.2144
meter-D		0.7222	0.1389	0.7726	0.6137	0.2503
mfeat-fac		0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-fou		0.8400	0.0320	0.8428	0.8222	0.1494
mfeat-kar		0.9300	0.0140	0.9303	0.9222	0.0858
mfeat-mor		0.7100	0.0580	0.7103	0.6778	0.2200
mfeat-pix		0.9150	0.0170	0.9159	0.9056	0.0985
mfeat-zer		0.8000	0.0400	0.8074	0.7778	0.1422
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8868	0.0755	0.8903	0.8293	0.2463
mines		0.5294	0.1882	0.4410	0.4093	0.3850
mobile		0.5280	0.0169	0.5661	0.5194	0.2175
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9439	0.0561	0.8862	0.7573	0.2721
MUT_ci300400a_cdk_ECFP2		0.7938	0.2062	0.7875	0.5749	0.6822
MUT_ci300400a_cdk_ECFP4		0.7796	0.2204	0.7721	0.5437	0.7068
MUT_ci300400a_cdk_ECFP6		0.7557	0.2443	0.7469	0.4929	0.7458
MUT_ci300400a_cdk_ESTATE		0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED		0.7878	0.2122	0.7817	0.5634	0.6931
MUT_ci300400a_cdk_FCFP2		0.7820	0.2180	0.7744	0.5483	0.7023
MUT_ci300400a_cdk_FCFP4		0.7626	0.2374	0.7547	0.5090	0.7358
MUT_ci300400a_cdk_FCFP6		0.7830	0.2170	0.7777	0.5554	0.7009
MUT_ci300400a_cdk_MACCS		0.7638	0.2362	0.7542	0.5044	0.7256
MUT_ci300400a_cdk_PUBCHEM		0.7653	0.2347	0.7599	0.5195	0.7303
MUT_ci300400a_cdk_STANDARD		0.7808	0.2192	0.7749	0.5497	0.7052
MUT_ci300400a_rdkit_descriptors		0.7757	0.2243	0.7700	0.5398	0.7128
myocardial		0.7941	0.0515	0.3099	0.3218	0.5096
naticusdroid		0.9628	0.0372	0.9629	0.9257	0.2123
NCI60		0.5000	0.1667	0.4375	0.4000	0.1756
nci9		0.0000	0.3333	0.0000	-0.2000	0.3654
ncRNA1%		0.8452	0.0163	0.2365	0.5421	0.5435
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6466	0.3534	0.6438	0.2867	0.8836
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9431	0.0569	0.9302	0.8604	0.3270
NPHA-doctor-visits		0.4861	0.3426	0.2694	-0.0517	0.5491
nursery		0.5818	0.2091	0.4837	0.3821	0.3069
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.8426	0.0787	0.8860	0.7659	0.2011
occupancy		0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation		0.9931	0.0035	0.9755	0.9789	0.0128
oh0-wc		0.0891	0.1822	0.1003	-0.0151	0.5660

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
oh10-wc		0.1048	0.1790	0.0598	-0.0202	0.5568
oh15-wc		0.1087	0.1783	0.1446	0.0413	0.5693
oh5-wc		0.1099	0.1780	0.1124	0.0329	0.5186
olive		0.9298	0.0156	0.8974	0.9129	0.0464
opn310k10%		0.9142	0.0858	0.6481	0.0732	0.2673
optdigits		0.9253	0.0149	0.9273	0.9169	0.1077
optdigitsZ		0.9893	0.0107	0.9678	0.9353	0.2008
orl		0.0750	0.0462	0.0463	0.0513	0.2975
orlraws10P		0.4000	0.1200	0.3224	0.3333	0.1931
ovarian-cancer		0.8400	0.1600	0.8264	0.6528	0.6022
ozone1hr		0.9684	0.0316	0.6987	0.3213	0.3858
ozone8hr		0.9170	0.0830	0.6085	0.1860	0.6144
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6804	0.3196	0.6694	0.3322	0.8261
P-Glycoprotein_c_RDkit_AtomPair_FP		0.6429	0.3571	0.6411	0.2821	0.8883
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9653	0.0139	0.8622	0.7875	0.2521
parkinson		0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.9097	0.0903	0.8879	0.7758	0.4477
particle10%		0.9100	0.0900	0.8901	0.7799	0.4523
pasture		0.2500	0.5000	0.1667	-0.2000	0.5000
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4794	0.5206	0.4817	-0.0360	0.9907
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.5658	0.4342	0.5156	0.0294	0.8633
pediatric-leukemia		0.1471	0.2437	0.1441	0.0352	0.5847
pendigits		0.9381	0.0124	0.9379	0.9312	0.0928
period		0.7778	0.2222	0.7568	0.4000	0.4011
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.9142	0.0107	0.9142	0.9084	0.1347
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%		0.9966	0.0034	0.9965	0.9931	0.0249
phone-acc0.1%		0.6501	0.1000	0.6187	0.5892	0.3433
phone-acc1%		0.6826	0.0907	0.6572	0.6278	0.3081
phone-gyr0.1%		0.6152	0.1099	0.5881	0.5488	0.3796
phone-gyr1%		0.1372	0.2465	0.0345	0.0000	0.4034
phoneme		0.7593	0.2407	0.6882	0.3725	0.7782
phy		0.7070	0.2930	0.7070	0.4139	0.8117
pima		0.6974	0.3026	0.6735	0.3063	0.7532
pirvision		0.9791	0.0139	0.9598	0.9346	0.1249
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.8421	0.1579	0.8427	0.6816	0.5635
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9303	0.0697	0.5016	0.0032	0.6276
polish-2nd		0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd		0.9152	0.0848	0.4995	-0.0011	0.6497
polish-4th		0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th		0.9289	0.0711	0.6427	0.2452	0.5666
polya		0.7838	0.2162	0.7585	0.5126	0.7044
popularity		0.6628	0.2248	0.4112	0.2026	0.4753
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc		0.7206	0.2794	0.7215	0.4412	0.7888

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4545	0.0839	0.4188	0.3988	0.2853
profb			0.8657	0.1343	0.8497	0.6990	0.5534
promoters			0.6000	0.4000	0.5833	0.1667	0.9308
prostate			0.4286	0.5714	0.4375	-0.1200	1.0000
prostate_GE			0.3636	0.6364	0.2667	-0.3509	1.0000
puc-rio			0.8242	0.0703	0.7575	0.7611	0.2467
puc-rio10%			0.8304	0.0678	0.7595	0.7699	0.2410
pufs-1281%			0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.1133	0.1364	0.0760	0.0381	0.6105
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.5322	0.0633	0.9722
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6096	0.3904	0.5811	0.1576	0.9222
satimage			0.8351	0.0550	0.7881	0.7940	0.1940
satimageF			0.9844	0.0156	0.9595	0.9188	0.1877
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.5714	0.1714	0.4346	0.4474	0.2170
schiller			0.6667	0.3333	0.7404	0.3721	0.5239
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.7756	0.2244	0.5666	0.0972	0.5056
secondary_mushroom			0.6468	0.3532	0.6466	0.2920	0.8788
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9221	0.0223	0.9300	0.9089	0.0922
segmentation			0.8317	0.1683	0.8132	0.6238	0.6116
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8478	0.1522	0.4588	-0.0334	0.6425
sens-2-gram			0.8395	0.1605	0.5160	0.0244	0.7353
sens-3-gram			0.8553	0.1447	0.5860	0.1406	0.6882
sens-4-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8632	0.1368	0.6105	0.1780	0.6520
sens-7-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-8-gram			0.8263	0.1737	0.5624	0.1206	0.7656
sens-9-gram			0.8474	0.1526	0.5114	0.0143	0.6901
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8856	0.1144	0.7440	0.4269	0.4764
shuttle			0.9331	0.0191	0.5089	0.7930	0.1905
sick			0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9189	0.0811	0.8780	0.7558	0.4664
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.3000	0.3500	0.3043	0.0612	0.7915
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.6835	0.1055	0.6340	0.5915	0.2159
sonar			0.4500	0.5500	0.4475	-0.1000	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
soybean			0.6912	0.0325	0.7967	0.6595	0.1197
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9065	0.0935	0.9020	0.8009	0.3957
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer			0.1923	0.0598	0.1351	0.1455	0.2993
splice-EI			0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE			0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles			0.8200	0.1800	0.8030	0.5959	0.6085
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5385	0.5455	0.2005
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7540	0.1640	0.7010	0.5992	0.4695
steel-b			0.8308	0.1692	0.7118	0.3990	0.6566
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.7744	0.2256	0.7417	0.4507	0.6572
steel-p			0.9385	0.0615	0.7734	0.5390	0.5226
steel-s			0.9744	0.0256	0.8470	0.6925	0.4821
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9028	0.0972	0.8270	0.6505	0.5175
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6300	0.1480	0.3375	0.3824	0.4036
student-depression			0.8337	0.1663	0.8275	0.6541	0.5993
student-habits			0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend			0.3385	0.2646	0.2131	0.0848	0.7165
student-workday			0.6719	0.1313	0.1703	0.1323	0.4615
studentap			0.4615	0.3590	0.4605	0.1574	0.6486
susy1%			0.7944	0.2056	0.7941	0.5801	0.6514
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9891	0.0020	0.9894	0.9880	0.0146
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis10%			0.6418	0.3582	0.5806	0.1557	0.8435
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.3232	0.0512	0.6026
toxicity			0.3529	0.6471	0.3547	-0.2721	0.9864
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.3171	0.1518	0.2544	0.1910	0.4458
trec12-wc			0.2581	0.1855	0.1270	0.0929	0.5120
trec21-wc			0.3939	0.2424	0.1300	0.0193	0.6901
trec23-wc			0.3810	0.2063	0.2745	0.2244	0.3535
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0909	0.1818	0.0630	0.0194	0.5531
trec45-wc			0.1449	0.1710	0.0620	0.0148	0.5728
tuandromd			0.9731	0.0269	0.9576	0.9143	0.1802
turkish			0.8250	0.0875	0.8254	0.7667	0.2708
tvnews1%			0.9077	0.0923	0.9035	0.8052	0.4246

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews10%			0.9013	0.0987	0.8930	0.7851	0.4340
ur3_cobotops_grip			0.9660	0.0340	0.4913	-0.0026	0.2839
ur3_cobotops_stop			0.9646	0.0354	0.6787	0.0690	0.1045
urban			0.6119	0.0862	0.4889	0.5436	0.3195
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
vehicle			0.7381	0.1310	0.7251	0.6515	0.2363
vehicleVAN			0.9643	0.0357	0.9523	0.9000	0.1262
voice			0.3333	0.6667	0.4179	-0.0909	0.8322
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5152	0.0882	0.4616	0.4667	0.2174
vowelZ			0.9697	0.0303	0.9260	0.8406	0.4011
warpar10p			0.1538	0.1692	0.0558	0.0403	0.3224
warppie10p			0.1905	0.1619	0.1805	0.0916	0.3955
watch-acc1%			0.6035	0.1133	0.5899	0.5352	0.4405
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr1%			0.5680	0.1234	0.5536	0.4948	0.4395
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8500	0.1000	0.8502	0.7750	0.3520
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8222	0.1185	0.6635	0.6687	0.3896
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
white-clover			0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9752	0.0248	0.8526	0.6876	0.2866
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6038	0.1321	0.2773	0.3435	0.3787
winequality-white			0.5194	0.1602	0.2846	0.2123	0.4573
wisc_bc			0.9474	0.0526	0.9478	0.8902	0.2605
yale			0.0000	0.1333	0.0000	-0.0667	0.4078
yeast			0.4662	0.1068	0.2929	0.3095	0.4105
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.8785	0.0243	0.8690	0.8636	0.1694

Table 59: Detailed results for GLM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1880	0.0773	0.1408	0.1086	0.5187
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9299	0.0701	0.8508	0.7011	0.4792
adult		0.8462	0.1538	0.7749	0.5441	0.6291
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1431_KlekotaRothFingerprinter		0.4365	0.5635	0.4626	-0.0323	0.4243
AID_1431_MACCSFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878		0.7619	0.2381	0.5083	0.0150	0.8330
AID_602330		0.9115	0.0885	0.4768	-0.0462	0.6061
AID_652128		0.8586	0.0943	0.3697	0.1250	0.5803
AID1284Morered		0.6389	0.3611	0.6489	0.2148	0.5726
AID1284red		0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered		0.6796	0.3204	0.5401	0.0476	0.4468
AID1608red		0.8835	0.1165	0.5417	0.0817	0.6371
AID362red		0.9813	0.0187	0.5988	0.1909	0.5648
AID439Morered		0.5714	0.4286	0.6818	0.2222	0.4422
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.4500	0.5500	0.3103	-0.3750	0.9873
AID644red		0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9967	0.0033	0.4992	-0.0006	0.3287
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.5303	0.0526	0.7987
AID721red		0.7778	0.2222	0.6786	0.3571	0.7720
aids		0.8592	0.1408	0.7963	0.5801	0.5679
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8095	0.0762	0.4610	0.5526	0.1773
all-aml		0.6667	0.3333	0.7500	0.4000	0.5283
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.9775	0.0090	0.9742	0.9538	0.1270
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9875	0.0125	0.4969	-0.0056	0.5615
anuran-family		0.9569	0.0216	0.9197	0.9172	0.1877
anuran-genus		0.9680	0.0080	0.9128	0.9470	0.1484
anuran-species		0.9819	0.0036	0.9664	0.9749	0.0587
anxiety		0.0917	0.2019	0.0858	-0.0240	0.8062
apple-quality		0.7300	0.2700	0.7307	0.4600	0.7760
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.0080	0.9920	0.0079	-0.0001	0.0232
arcene		0.6000	0.4000	0.6021	0.2000	0.9053
arrhythmia		0.4444	0.1111	0.1718	0.1170	0.4060
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.7273	0.0496	0.6329	0.6796	0.1024
audit-risk		0.9231	0.0769	0.9229	0.8339	0.2435
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.9857	0.0143	0.9825	0.9645	0.1355
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.9000	0.0333	0.7655	0.8680	0.0918

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
avila		0.5688	0.0719	0.4801	0.3630	0.4062
babies		0.4274	0.1636	0.1396	0.0948	0.4943
balance		0.8871	0.0753	0.7647	0.8002	0.3634
bank		0.9107	0.0893	0.7485	0.4853	0.5697
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.5226	0.4774	0.5227	0.0453	0.9864
bio10%		0.9966	0.0034	0.9154	0.8259	0.3982
biodeg		0.8571	0.1429	0.8494	0.6986	0.5580
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9856	0.0041	0.1418	-0.0004	0.1106
bitcoin10%		0.9858	0.0026	0.0903	-0.0000	0.0318
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.7500	0.7778	0.0704
bridges		0.6000	0.1143	0.5419	0.5122	0.2589
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9023	0.0489	0.8992	0.7938	0.2565
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography		0.8498	0.0300	0.7790	0.8198	0.1843
cardiotocography-nsp		0.8873	0.0751	0.7948	0.6979	0.4051
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9924	0.0051	0.9924	0.9886	0.0308
cars		0.6750	0.2167	0.5432	0.4292	0.5788
cas_N6512_cdk_ECFP2		0.7450	0.2550	0.7429	0.4856	0.7587
cas_N6512_rdkit_ATOMPAIR		0.6923	0.3077	0.6946	0.3865	0.8227
cas_N6512_RDkit_AtomPair_FP		0.6580	0.3420	0.6544	0.3078	0.8715
cas_N6512_rdkit_AVALON		0.7419	0.2581	0.7416	0.4827	0.7614
cas_N6512_RDkit_Avalon_FP		0.7607	0.2393	0.7588	0.5173	0.7336
cas_N6512_rdkit_descriptors		0.7477	0.2523	0.7463	0.4926	0.7547
cas_N6512_rdkit_FEATMORGAN		0.7358	0.2642	0.7339	0.4678	0.7729
cas_N6512_RDkit_Featmorgan_FP		0.7454	0.2546	0.7433	0.4863	0.7579
cas_N6512_RDkit_FP		0.7132	0.2868	0.7109	0.4215	0.8046
cas_N6512_rdkit_LAYERED		0.7523	0.2477	0.7512	0.5023	0.7473
cas_N6512_RDkit_Layered_FP		0.7393	0.2607	0.7371	0.4739	0.7672
cas_N6512_rdkit_MACCS		0.7650	0.2350	0.7631	0.5230	0.7193
cas_N6512_RDkit_MACCS_FP		0.7577	0.2423	0.7564	0.5127	0.7390
cas_N6512_rdkit_MORGAN		0.7246	0.2754	0.7225	0.4448	0.7888
cas_N6512_RDkit_morgan_FP		0.7592	0.2408	0.7575	0.5150	0.7367
cas_N6512_rdkit_PATTERN		0.7754	0.2246	0.7746	0.5490	0.7092
cas_N6512_RDkit_pattern_FP		0.7469	0.2531	0.7466	0.4927	0.7540
cas_N6512_rdkit_RDKITFP		0.7235	0.2765	0.7225	0.4449	0.7896
cas_N6512_rdkit_TORSION		0.7092	0.2908	0.7074	0.4149	0.8100
ccds1%		0.7940	0.2060	0.5097	0.0112	0.3685
cdc_diabetes		0.8485	0.1010	0.4248	0.2036	0.3248
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6736	0.3264	0.6617	0.3190	0.8406
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.9302	0.0698	0.6408	0.2229	0.5285

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-C		0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H		0.9302	0.0698	0.6880	0.3645	0.6070
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8054	0.6107	0.4619
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7579	0.2421	0.7415	0.4828	0.7506
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.5039	0.4604	0.6222
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8019	0.0991	0.5619	0.6893	0.3164
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5833	0.2778	0.5943	0.3478	0.5924
cm1		0.9200	0.0800	0.7382	0.3103	0.1938
cmc		0.4966	0.3356	0.4709	0.2006	0.7442
cnae-9		0.7130	0.0638	0.7151	0.6771	0.2723
codon_usage		0.0138	0.1793	0.0025	0.0000	0.3570
coil20		0.4931	0.0507	0.4687	0.4664	0.2956
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		0.5600	0.0587	0.3842	0.5111	0.1487
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2		0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3		0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4		0.6552	0.3448	0.6009	0.1989	0.8605
colposcopies-5		0.7586	0.2414	0.6090	0.2162	0.7841
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.6552	0.3448	0.4777	-0.0432	0.9116
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne		0.7740	0.2260	0.7741	0.5481	0.7105
coupon		0.6806	0.3194	0.6710	0.3404	0.8477
covtype10%		0.6009	0.1140	0.5269	0.3814	0.4222
covtypeCD		0.9473	0.0527	0.8832	0.7637	0.3778
covtypeT		0.9423	0.0577	0.7419	0.4665	0.5197
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9014	0.0329	0.8046	0.7920	0.2693
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.7188	0.0176	0.6656	0.7097	0.0514
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.5556	0.4444	0.5303	0.0526	0.9308
cylinder-bands		0.4630	0.5370	0.4984	-0.0026	0.9183
darwin		0.5556	0.4444	0.5570	0.1111	0.9528
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8147	0.1853	0.6859	0.3008	0.5989
defect		0.8827	0.1173	0.7477	0.4323	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9013	0.0987	0.7201	0.4163	0.5765
depressed		0.8322	0.1678	0.4542	0.0000	0.3159

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dermatology		0.9189	0.0270	0.9330	0.8993	0.0477
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.2500	0.5000	0.2600	-0.1163	0.7160
DIA		0.7167	0.2833	0.6138	0.2273	0.8427
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9566	0.0434	0.8457	0.6772	0.3560
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%		0.5000	0.3333	0.4021	0.1429	0.7482
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		0.2500	0.7500	0.3333	-0.2000	0.7988
dlbcl-nih		0.5000	0.5000	0.5000	0.0000	0.9831
dlbcl-stanford		0.6000	0.4000	0.5833	0.1667	0.9308
dna0.1%		0.9928	0.0072	0.5527	0.0967	0.4539
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.6001	0.3999	0.5968	0.1920	0.9264
dota210%		0.5689	0.4311	0.5655	0.1301	0.9537
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7698	0.1535	0.6900	0.6134	0.4606
drug-01		0.4149	0.1672	0.1842	0.0935	0.5587
drug-02		0.5213	0.1368	0.1907	0.1249	0.5357
drug-03		0.6596	0.1135	0.1538	0.0143	0.4244
drug-04		0.5106	0.1398	0.1809	0.0873	0.6172
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3989	0.1717	0.2139	0.2334	0.5615
drug-07		0.4468	0.1844	0.1551	0.0531	0.3825
drug-08		0.5585	0.1261	0.1812	0.1133	0.4257
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5532	0.1277	0.2199	0.1420	0.3665
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7872	0.0709	0.1468	-0.0056	0.3023
drug-13		0.6117	0.1109	0.1778	0.2366	0.4034
drug-14		0.5957	0.1155	0.2588	0.2394	0.4885
drug-15		0.7500	0.0714	0.1232	0.0152	0.2713
drug-16		0.5904	0.1365	0.2878	0.3016	0.4152
drug-17		0.3564	0.1839	0.1637	0.1063	0.5345
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7553	0.0699	0.1229	-0.0198	0.2767
drybean		0.9287	0.0204	0.9403	0.9138	0.1183
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2596	0.0140	0.8437
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.6422	0.3578	0.6339	0.2624	0.8814
eeg10%		0.3587	0.0802	0.3686	0.2904	0.6421
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6438	0.1425	0.6123	0.5446	0.4256
euthyroid		0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%		0.8890	0.1110	0.8897	0.7781	0.4587
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
fbis-wc		0.1829	0.0961	0.1626	0.1213	0.6926
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.1500	0.2429	0.0373	0.0000	0.3663
forest		0.8846	0.0577	0.8582	0.8402	0.1644
gas		0.9885	0.0038	0.9887	0.9860	0.0288
gastrointestinal		0.4375	0.3750	0.4066	0.0336	0.6951
gender		0.6000	0.2667	0.3792	0.1413	0.5118
gene		0.9022	0.0652	0.8914	0.8437	0.2736
german		0.7700	0.2300	0.7372	0.4390	0.6592
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.7781	0.2219	0.7792	0.5550	0.6940
glass		0.6667	0.1111	0.6535	0.5392	0.2860
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8427	0.6816	0.5635
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.5333	0.1667	-0.1111	0.5500
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.4000	0.6000	0.3902	-0.2000	0.9308
grub-damage		0.4667	0.2667	0.3787	0.2500	0.4753
gsalc		0.2222	0.2593	0.1667	0.0735	0.4364
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
har		0.2844	0.2862	0.0886	0.0000	0.3861
har701%		0.7739	0.0646	0.4351	0.6345	0.1650
har7010%		0.7708	0.0655	0.4261	0.6292	0.1645
harth1%		0.6768	0.0539	0.2650	0.5406	0.2399
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8366	0.1634	0.8366	0.6731	0.5905
hERG-121inputs		0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-64inputs		0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6600	0.3400	0.6573	0.3118	0.8649
higgs1%		0.6418	0.3582	0.6388	0.2717	0.8777
higher		0.1429	0.2143	0.0500	-0.0120	0.4035
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa		0.9275	0.0725	0.8693	0.7383	0.4556
hiva		0.5674	0.4326	0.5281	0.0159	0.2274
horse		0.6944	0.2037	0.6725	0.4560	0.5235
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.5846	0.2769	0.5882	0.3741	0.6473

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9788	0.0106	0.6932	0.8623	0.0791
hypothyroidT		0.9310	0.0690	0.7495	0.4985	0.5893
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8209	0.1791	0.6455	0.1720	0.5323
jvowels		0.9548	0.0100	0.9522	0.9488	0.0729
kc1		0.8436	0.1564	0.6394	0.2499	0.6882
kc1-class-level-defectiveornot		0.5333	0.4667	0.4652	-0.0606	0.9752
kc1-class-level-numericdefect		0.4615	0.2154	0.3055	0.2155	0.3003
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.5858	0.1675	0.8277
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.9978	0.0003	0.8227	0.9962	0.0251
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2870	0.0792	0.2484	0.1918	0.6019
krvskp		0.9718	0.0282	0.9717	0.9435	0.1739
la1s-wc		0.1937	0.2688	0.1815	0.0246	0.7449
la2s-wc		0.3079	0.2307	0.1319	0.0273	0.4710
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7353	0.0230	0.7486	0.7231	0.0741
led24		0.4000	0.1200	0.3492	0.3296	0.2668
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8355	0.0127	0.8353	0.8288	0.1695
leukemia		0.5714	0.2857	0.5490	0.4000	0.1871
leukemia2		0.4286	0.5714	0.4541	-0.0769	0.9615
libra		0.3056	0.0926	0.2910	0.2556	0.3078
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.9204	0.0796	0.9148	0.8292	0.3758
localization		0.4313	0.1034	0.1752	0.2090	0.5097
localization10%		0.4169	0.1060	0.1785	0.1877	0.4998
lrs		0.6226	0.1078	0.4953	0.4804	0.3555
lung		0.3333	0.2667	0.1120	-0.0769	0.6293
lung_discrete		0.2500	0.3000	0.1500	0.0769	0.3344
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.5500	0.1800	0.4742	0.2653	0.4801
lung-cancer-harvard2		0.6667	0.3333	0.6301	0.2174	0.6808
lung-cancer-michigan		0.4444	0.5556	0.3077	-0.2162	0.5422
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.9286	0.0357	0.7135	0.8716	0.1130
lymphoma2		0.5556	0.1481	0.5385	0.4000	0.3000
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5692	0.4308	0.5705	0.1385	0.9456
magic04		0.7817	0.2183	0.7523	0.4971	0.7031
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8430	0.6859	0.5749
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6040	0.2640	0.6025	0.3915	0.5826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
math		0.8000	0.1000	0.7475	0.6926	0.3524
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.7217	0.2783	0.7201	0.4390	0.7902
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.6637	0.7621	0.1359
meter-D		0.8333	0.0833	0.8451	0.7682	0.1516
mfeat-fac		0.9700	0.0060	0.9711	0.9667	0.0353
mfeat-fou		0.8100	0.0380	0.8172	0.7889	0.1751
mfeat-kar		0.9650	0.0070	0.9655	0.9611	0.0445
mfeat-mor		0.7100	0.0580	0.7120	0.6778	0.2055
mfeat-pix		0.9100	0.0180	0.9127	0.9000	0.1055
mfeat-zer		0.7950	0.0410	0.8045	0.7722	0.1354
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9151	0.0566	0.9152	0.8712	0.1964
mines		0.5000	0.2000	0.4355	0.3738	0.4046
mobile		0.6224	0.0135	0.6412	0.6155	0.1663
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.9439	0.0561	0.8862	0.7573	0.2721
MUT_ci300400a_cdk_ECFP2		0.7938	0.2062	0.7875	0.5749	0.6822
MUT_ci300400a_cdk_ECFP4		0.7796	0.2204	0.7721	0.5437	0.7068
MUT_ci300400a_cdk_ECFP6		0.7557	0.2443	0.7469	0.4929	0.7458
MUT_ci300400a_cdk_ESTATE		0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED		0.7878	0.2122	0.7817	0.5634	0.6931
MUT_ci300400a_cdk_FCFP2		0.7820	0.2180	0.7744	0.5483	0.7023
MUT_ci300400a_cdk_FCFP4		0.7626	0.2374	0.7547	0.5090	0.7358
MUT_ci300400a_cdk_FCFP6		0.7830	0.2170	0.7777	0.5554	0.7009
MUT_ci300400a_cdk_MACCS		0.7638	0.2362	0.7542	0.5044	0.7256
MUT_ci300400a_cdk_PUBCHEM		0.7593	0.2407	0.7495	0.4964	0.7363
MUT_ci300400a_cdk_STANDARD		0.7808	0.2192	0.7749	0.5497	0.7052
MUT_ci300400a_rdkit_descriptors		0.7757	0.2243	0.7700	0.5398	0.7128
myocardial		0.8353	0.0412	0.2036	0.1422	0.4250
naticusdroid		0.9628	0.0372	0.9629	0.9257	0.2123
NCI60		0.3333	0.2222	0.2857	0.2000	0.2042
nci9		0.3333	0.2222	0.2667	0.2000	0.2258
ncRNA1%		0.8854	0.0121	0.3331	0.6668	0.4183
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6466	0.3534	0.6438	0.2867	0.8836
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9431	0.0569	0.9302	0.8604	0.3270
NPHA-doctor-visits		0.4722	0.3519	0.2765	-0.0560	0.7093
nursery		0.9329	0.0336	0.8991	0.9014	0.1395
obesity		0.1659	0.2383	0.0406	0.0000	0.3993
obs		0.8981	0.0509	0.9259	0.8470	0.1467
occupancy		0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation		0.9941	0.0030	0.9800	0.9820	0.0287
oh0-wc		0.1782	0.1644	0.1695	0.0826	0.7018
oh10-wc		0.0952	0.1810	0.0841	-0.0081	0.7750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
oh15-wc			0.0435	0.1913	0.0463	-0.0476	0.7432
oh5-wc			0.1319	0.1736	0.1110	0.0288	0.7218
olive			0.9474	0.0117	0.9141	0.9348	0.0376
opn310k10%			0.9142	0.0858	0.6481	0.0732	0.2673
optdigits			0.9715	0.0057	0.9725	0.9683	0.0423
optdigitsZ			0.9893	0.0107	0.9678	0.9353	0.2008
orl			0.2000	0.0400	0.1554	0.1795	0.1645
orlraws10P			0.5000	0.1000	0.4595	0.4444	0.1473
ovarian-cancer			0.8400	0.1600	0.8264	0.6528	0.6022
ozone1hr			0.9684	0.0316	0.6987	0.3213	0.3858
ozone8hr			0.9170	0.0830	0.6085	0.1860	0.6144
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.6804	0.3196	0.6694	0.3322	0.8261
P-Glycoprotein_c_RDkit_AtomPair_FP			0.6429	0.3571	0.6411	0.2821	0.8883
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9689	0.0124	0.8810	0.8136	0.2493
parkinson			0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons			0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small			0.8947	0.1053	0.8643	0.7286	0.5039
particle			0.9097	0.0903	0.8879	0.7758	0.4477
particle10%			0.9100	0.0900	0.8901	0.7799	0.4523
pasture			0.7500	0.1667	0.5714	0.6000	0.1321
pc1			0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac			0.4794	0.5206	0.4817	-0.0360	0.9907
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.5658	0.4342	0.5156	0.0294	0.8633
pediatric-leukemia			0.1176	0.2521	0.1409	-0.0149	0.6655
pendigits			0.9736	0.0053	0.9740	0.9707	0.0426
period			0.7778	0.2222	0.7568	0.4000	0.4011
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
personalities			0.9508	0.0061	0.9508	0.9476	0.0835
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%			0.9966	0.0034	0.9965	0.9931	0.0249
phone-acc0.1%			0.7060	0.0840	0.6865	0.6559	0.2769
phone-acc1%			0.7419	0.0738	0.7165	0.6979	0.2261
phone-gyr0.1%			0.7006	0.0855	0.6724	0.6491	0.2825
phone-gyr1%			0.7373	0.0751	0.7086	0.6924	0.2306
phoneme			0.7593	0.2407	0.6882	0.3725	0.7782
phy			0.7070	0.2930	0.7070	0.4139	0.8117
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.9909	0.0061	0.9844	0.9713	0.0764
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.8421	0.1579	0.8427	0.6816	0.5635
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.0939	0.9061	0.4945	-0.0011	0.1286
polish-2nd			0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd			0.9152	0.0848	0.4995	-0.0011	0.6497
polish-4th			0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th			0.9289	0.0711	0.6427	0.2452	0.5666
polya			0.7838	0.2162	0.7585	0.5126	0.7044
popularity			0.6633	0.2245	0.4431	0.2082	0.5017
post-operative			0.4444	0.3704	0.2051	-0.1538	0.2170
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7215	0.4412	0.7888
prestige			0.8889	0.0741	0.8889	0.8302	0.1290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
primary-tumor			0.4242	0.0886	0.3468	0.3556	0.3273
profb			0.8657	0.1343	0.8497	0.6990	0.5534
promoters			0.6000	0.4000	0.5833	0.1667	0.9308
prostate			0.4286	0.5714	0.4375	-0.1200	1.0000
prostate_GE			0.3636	0.6364	0.2667	-0.3509	1.0000
puc-rio			0.8495	0.0602	0.8074	0.7976	0.2383
puc-rio10%			0.8552	0.0579	0.8043	0.8056	0.2400
pufs-1281%			0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.3867	0.0944	0.2942	0.2778	0.6736
re1-wc			0.0060	0.0795	0.0005	0.0000	0.3636
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.5418	0.0834	0.9705
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6096	0.3904	0.5811	0.1576	0.9222
satimage			0.8616	0.0461	0.8329	0.8289	0.2044
satimageF			0.9844	0.0156	0.9595	0.9188	0.1877
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.7143	0.1143	0.4800	0.6111	0.1006
schiller			0.6667	0.3333	0.7404	0.3721	0.5239
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.7756	0.2244	0.5666	0.0972	0.5056
secondary_mushroom			0.6425	0.3575	0.6428	0.2842	0.8823
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9567	0.0124	0.9600	0.9494	0.0693
segmentation			0.8317	0.1683	0.8132	0.6238	0.6116
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8399	0.1601	0.4565	-0.0459	0.7027
sens-2-gram			0.8395	0.1605	0.5160	0.0244	0.7353
sens-3-gram			0.8553	0.1447	0.5860	0.1406	0.6882
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8632	0.1368	0.6105	0.1780	0.6520
sens-7-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram			0.7421	0.2579	0.5854	0.1575	0.7097
sens-9-gram			0.1553	0.8447	0.4925	-0.0018	0.3389
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8856	0.1144	0.7440	0.4269	0.4764
shuttle			0.9695	0.0087	0.7130	0.9118	0.1765
sick			0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9189	0.0811	0.8780	0.7558	0.4664
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2200	0.3900	0.1882	-0.0473	0.7925
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7554	0.0815	0.5916	0.6847	0.1873
sonar			0.4500	0.5500	0.4475	-0.1000	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
soybean			0.8529	0.0155	0.9122	0.8387	0.0323
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9065	0.0935	0.9020	0.8009	0.3957
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer			0.2692	0.0541	0.2519	0.2335	0.2367
splice-EI			0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE			0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles			0.8200	0.1800	0.8030	0.5959	0.6085
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			0.6000	0.2667	0.4706	0.2857	0.2642
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7591	0.1606	0.7105	0.6093	0.4650
steel-b			0.8308	0.1692	0.7118	0.3990	0.6566
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.7744	0.2256	0.7417	0.4507	0.6572
steel-p			0.9385	0.0615	0.7734	0.5390	0.5226
steel-s			0.9744	0.0256	0.8470	0.6925	0.4821
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9028	0.0972	0.8270	0.6505	0.5175
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.5520	0.4480	0.3557	0.0000	0.5174
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6350	0.1460	0.3587	0.3955	0.4006
student-depression			0.8340	0.1659	0.8279	0.6549	0.5987
student-habits			0.4100	0.2360	0.1886	0.0638	0.4631
student-weekend			0.4154	0.2338	0.4004	0.1978	0.5716
student-workday			0.7031	0.1187	0.2369	0.1784	0.4297
studentap			0.4615	0.3590	0.4444	0.1727	0.7770
susy1%			0.7944	0.2056	0.7941	0.5801	0.6514
tae			0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			1.0000	0.0000	1.0000	1.0000	0.0000
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis10%			0.6418	0.3582	0.5806	0.1557	0.8435
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.4118	0.2941	0.4525	0.2093	0.5052
toxicity			0.3529	0.6471	0.3547	-0.2721	0.9864
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.1707	0.1843	0.1532	0.0651	0.5624
trec12-wc			0.2581	0.1855	0.2495	0.1347	0.5386
trec21-wc			0.4242	0.2303	0.2124	0.0427	0.6962
trec23-wc			0.3810	0.2063	0.1758	0.0960	0.4628
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.1364	0.1727	0.1008	0.0209	0.6706
trec45-wc			0.2609	0.1478	0.2347	0.1567	0.5480
tuandromd			0.9731	0.0269	0.9576	0.9143	0.1802
turkish			0.7500	0.1250	0.7574	0.6667	0.3238
tvnews1%			0.9077	0.0923	0.9035	0.8052	0.4246

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews10%			0.9013	0.0987	0.8930	0.7851	0.4340
ur3_cobotops_grip			0.9660	0.0340	0.4913	-0.0026	0.2839
ur3_cobotops_stop			0.9646	0.0354	0.6787	0.0690	0.1045
urban			0.4179	0.1294	0.4021	0.3165	0.4277
urinalysis			0.9231	0.0769	0.6136	0.2263	0.6500
vehicle			0.7619	0.1190	0.7538	0.6830	0.2312
vehicleVAN			0.9643	0.0357	0.9523	0.9000	0.1262
voice			0.3333	0.6667	0.4179	-0.0909	0.8322
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5354	0.0845	0.5330	0.4889	0.2545
vowelZ			0.9697	0.0303	0.9260	0.8406	0.4011
warpar10p			0.2308	0.1538	0.2500	0.1503	0.2687
warppie10p			0.1905	0.1619	0.1764	0.0939	0.3653
watch-acc1%			0.6747	0.0930	0.6627	0.6190	0.3502
watch-gyr1%			0.6949	0.0872	0.6836	0.6433	0.3164
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8360	0.1093	0.8361	0.7540	0.3760
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8000	0.1333	0.6333	0.6379	0.5164
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
white-clover			0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9752	0.0248	0.8526	0.6876	0.2866
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5786	0.1405	0.2667	0.3130	0.4541
winequality-white			0.5337	0.1554	0.3228	0.2519	0.5312
wisc_bc			0.9474	0.0526	0.9478	0.8902	0.2605
yale			0.2500	0.1000	0.2489	0.1967	0.1987
yeast			0.5000	0.1000	0.3235	0.3540	0.3475
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9183	0.0163	0.9122	0.9083	0.1181

Table 60: Detailed results for GLMNET

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1904	0.0771	0.1399	0.1045	0.4744
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9816	0.0184	0.4953	-0.0012	0.2266
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9787	0.0213	0.9547	0.9073	0.1433
adult		0.8466	0.1534	0.7753	0.5448	0.6275
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
aids		0.8545	0.1455	0.7886	0.5630	0.5768
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7810	0.0876	0.3200	0.4759	0.2278
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9388	0.0306	0.6880	0.8819	0.1718
anuran-genus		0.9569	0.0108	0.8907	0.9288	0.1774
anuran-species		0.9681	0.0064	0.9333	0.9555	0.0632
anxiety		0.0833	0.2037	0.0849	-0.0346	0.8090
apple-quality		0.7300	0.2700	0.7307	0.4600	0.7760
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7000	0.3000	0.6875	0.3750	0.8278
arrhythmia		0.7111	0.0578	0.3831	0.5017	0.2255
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autos		0.9000	0.0333	0.7526	0.8667	0.0771
avila		0.5577	0.0737	0.4266	0.3454	0.3628
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8871	0.0753	0.7647	0.8002	0.3634
bank		0.9121	0.0879	0.7521	0.4915	0.5614
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8936	0.7752	0.3591
basehock		0.9698	0.0302	0.9699	0.9397	0.1798
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8762	0.1238	0.8682	0.7362	0.5083
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.5503	0.6774	0.1083
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8736	0.0632	0.7542	0.7301	0.2958
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography		0.8310	0.0338	0.7623	0.7976	0.2170
cardiotocography-nsp		0.8967	0.0689	0.8082	0.7183	0.3598
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5390	0.4077	0.6057
cas_N6512_cdk_ECFP2		0.7496	0.2504	0.7474	0.4943	0.7510
cas_N6512_rdkit_ATOMPAIR		0.7200	0.2800	0.7175	0.4342	0.7944
cas_N6512_RDkit_AtomPair_FP		0.7423	0.2577	0.7400	0.4782	0.7591
cas_N6512_rdkit_AVALON		0.7803	0.2197	0.7787	0.5574	0.7013
cas_N6512_RDkit_Avalon_FP		0.7975	0.2025	0.7975	0.5942	0.6680
cas_N6512_rdkit_descriptors		0.7462	0.2538	0.7448	0.4896	0.7570
cas_N6512_rdkit_FEATMORGAN		0.7465	0.2535	0.7443	0.4878	0.7554
cas_N6512_RDkit_Featmorgan_FP		0.7791	0.2209	0.7777	0.5555	0.7034
cas_N6512_RDkit_FP		0.7469	0.2531	0.7448	0.4891	0.7551
cas_N6512_rdkit_LAYERED		0.7677	0.2323	0.7671	0.5338	0.7216
cas_N6512_RDkit_Layered_FP		0.7745	0.2255	0.7727	0.5450	0.7103
cas_N6512_rdkit_MACCS		0.7542	0.2458	0.7521	0.5013	0.7379
cas_N6512_RDkit_MACCS_FP		0.7638	0.2362	0.7631	0.5259	0.7282
cas_N6512_rdkit_MORGAN		0.7862	0.2138	0.7844	0.5682	0.6894
cas_N6512_RDkit_morgan_FP		0.7807	0.2193	0.7794	0.5589	0.7007
cas_N6512_rdkit_PATTERN		0.7846	0.2154	0.7836	0.5671	0.6936
cas_N6512_RDkit_pattern_FP		0.7745	0.2255	0.7740	0.5476	0.7101
cas_N6512_rdkit_RDKITFP		0.7680	0.2320	0.7664	0.5327	0.7220
cas_N6512_rdkit_TORSION		0.7308	0.2692	0.7290	0.4579	0.7802
ccds1%		0.9615	0.0385	0.6405	0.2087	0.4517
cdc_diabetes		0.8481	0.1013	0.4223	0.1921	0.3213
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7876	0.2124	0.7681	0.5361	0.7070
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9995	0.0005	0.8628	0.7181	0.2800
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8143	0.6282	0.4387
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6947	0.3053	0.6590	0.2941	0.8009
circles		0.9940	0.0001	0.9946	0.9939	0.0024
cirrhosis		0.7857	0.1429	0.5337	0.5685	0.3575
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8000	0.1000	0.5570	0.6859	0.3144
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4830	0.3447	0.4501	0.1808	0.7568
cnae-9		0.9815	0.0041	0.9822	0.9792	0.0206
codon_usage		0.8695	0.0237	0.6851	0.8413	0.2300
coil20		0.9931	0.0007	0.9933	0.9927	0.0048
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.7000	0.0400	0.6481	0.6683	0.1551
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2		0.6207	0.3793	0.5402	0.0420	0.7669
colposcopies-3		0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4		0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.7586	0.2414	0.5904	0.1288	0.7232
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
cottonmeloidogyne		0.7692	0.2308	0.7693	0.5385	0.7187
coupon		0.6901	0.3099	0.6804	0.3585	0.8349
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9453	0.0547	0.8778	0.7516	0.3775
covtypeT		0.9418	0.0582	0.7394	0.4617	0.5233
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8912	0.0363	0.7271	0.7706	0.2914
cryotherapy		0.7778	0.2222	0.7750	0.5500	0.7072
cultivars		0.4688	0.0332	0.3931	0.4516	0.0974
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7222	0.2778	0.7129	0.4088	0.7593
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8133	0.1867	0.6829	0.2918	0.5971
defect		0.8858	0.1142	0.7564	0.4416	0.4305
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9013	0.0987	0.7201	0.4163	0.5765

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.5238	0.5000	0.3294
DIA		0.7333	0.2667	0.6444	0.2889	0.8189
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9571	0.0429	0.8464	0.6727	0.3200
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5588	0.2941	0.3546	0.0648	0.4110
diabetic10%		0.5717	0.2855	0.3694	0.1207	0.4807
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.7917	0.2083	0.7869	0.5522	0.6216
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.6004	0.3997	0.5971	0.1923	0.9257
dota210%		0.5670	0.4330	0.5636	0.1264	0.9553
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7652	0.1565	0.6826	0.6058	0.4654
drug-01		0.4096	0.1687	0.1908	0.0387	0.3677
drug-02		0.5053	0.1413	0.1150	0.0164	0.3793
drug-03		0.6862	0.1046	0.1361	0.0024	0.2682
drug-04		0.5160	0.1383	0.1741	0.0293	0.3778
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.2071	0.2765	0.4004
drug-07		0.4628	0.1791	0.1694	0.0723	0.3483
drug-08		0.5638	0.1246	0.2197	0.0339	0.2597
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5532	0.1277	0.1501	0.1199	0.3540
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6277	0.1064	0.1794	0.2533	0.3233
drug-14		0.5957	0.1155	0.2352	0.2068	0.3699
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.6011	0.1330	0.2910	0.3218	0.4055
drug-17		0.3777	0.1778	0.1809	0.1309	0.4875
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9265	0.0210	0.9392	0.9112	0.1212
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2599	0.0132	0.8300
eeg		0.3817	0.0773	0.4023	0.3133	0.6323
eeg-eye		0.5901	0.4099	0.5770	0.1242	0.8566
eeg10%		0.3773	0.0778	0.3992	0.3094	0.5916
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6575	0.1370	0.6208	0.5611	0.3982
euthyroid		0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq10%		0.8892	0.1108	0.8900	0.7785	0.4569
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.6000	0.1143	0.3833	0.4737	0.2564
forest		0.9423	0.0288	0.9319	0.9203	0.0754
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.6250	0.2500	0.5906	0.3962	0.5975
gender		0.6021	0.2653	0.3807	0.1449	0.5100
gene		0.9243	0.0505	0.9163	0.8798	0.2136
german		0.7500	0.2500	0.7121	0.3812	0.6824
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8934	0.1066	0.8934	0.7865	0.4491
glass		0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.6000	0.2000	0.6240	0.4611	0.3434
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
har		0.2844	0.2862	0.0886	0.0000	0.3861
har701%		0.7681	0.0662	0.4273	0.6260	0.1775
har7010%		0.7665	0.0667	0.4212	0.6226	0.1750
harth1%		0.6593	0.0568	0.2167	0.5084	0.2296
hayes-roth		0.3750	0.4167	0.3965	0.0244	0.7361
hcc-survival		0.7059	0.2941	0.6913	0.3796	0.8165
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8367	0.1633	0.8367	0.6733	0.5903
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6618	0.3382	0.6592	0.3155	0.8628
higgs1%		0.6405	0.3595	0.6375	0.2689	0.8786
higher		0.0714	0.2321	0.0227	-0.1375	0.4756
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9275	0.0725	0.8693	0.7383	0.4556
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6667	0.2222	0.6380	0.3581	0.4076
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.5663	0.2891	0.5696	0.3499	0.6642
htru2		0.9777	0.0223	0.9298	0.8563	0.2033
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9549	0.0451	0.8202	0.5658	0.1285
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8118	0.1882	0.6119	0.1295	0.5906
jvowels		0.9508	0.0109	0.9477	0.9442	0.0784
kc1		0.8720	0.1280	0.7092	0.3454	0.5134
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2824	0.0797	0.2661	0.1830	0.5623
krvskp		0.9749	0.0251	0.9749	0.9498	0.1583
la1s-wc		0.8317	0.0561	0.8143	0.7832	0.2036
la2s-wc		0.8079	0.0640	0.8003	0.7507	0.2243
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.0294	0.0844	0.0025	0.0000	0.4116
led24		0.7000	0.0600	0.6724	0.6610	0.1235
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7685	0.0178	0.7655	0.7592	0.2339
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8889	0.0148	0.8999	0.8806	0.0506
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9133	0.0867	0.9072	0.8135	0.3942
localization		0.4005	0.1090	0.1736	0.1725	0.5084
localization10%		0.3962	0.1098	0.1708	0.1636	0.5042
lrs		0.8868	0.0323	0.6525	0.8427	0.0688
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.6000	0.4000	0.6006	0.2000	0.9253
magic04		0.7833	0.2167	0.7540	0.4998	0.6986
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8536	0.7072	0.5518

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6436	0.2376	0.6483	0.4481	0.5241
math		0.8000	0.1000	0.7750	0.6819	0.2514
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.7304	0.2696	0.7280	0.4553	0.7797
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9148	0.9221	0.0473
meter-D		0.8333	0.0833	0.6813	0.7642	0.1404
mfeat-fac		0.9800	0.0040	0.9805	0.9778	0.0229
mfeat-fou		0.8300	0.0340	0.8303	0.8111	0.1530
mfeat-kar		0.9750	0.0050	0.9755	0.9722	0.0314
mfeat-mor		0.7200	0.0560	0.7234	0.6889	0.1957
mfeat-pix		0.9750	0.0050	0.9764	0.9722	0.0262
mfeat-zer		0.7950	0.0410	0.7962	0.7722	0.1249
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8774	0.0818	0.8811	0.8152	0.2779
mines		0.5000	0.2000	0.4364	0.3738	0.4070
mobile		0.8462	0.0055	0.8543	0.8434	0.0704
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9394	0.0606	0.8768	0.7290	0.2385
MUT_ci300400a_cdk_ECFP2		0.8189	0.1811	0.8124	0.6226	0.6264
MUT_ci300400a_cdk_ECFP4		0.7952	0.2048	0.7887	0.5772	0.6794
MUT_ci300400a_cdk_ECFP6		0.7808	0.2192	0.7725	0.5427	0.6996
MUT_ci300400a_cdk_ESTATE		0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED		0.8022	0.1978	0.7965	0.5930	0.6667
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.7950	0.2050	0.7876	0.5740	0.6771
MUT_ci300400a_cdk_FCFP6		0.7950	0.2050	0.7896	0.5792	0.6799
MUT_ci300400a_cdk_MACCS		0.7614	0.2386	0.7517	0.4998	0.7305
MUT_ci300400a_cdk_PUBCHEM		0.8335	0.1665	0.8278	0.6546	0.5997
MUT_ci300400a_cdk_STANDARD		0.7701	0.2299	0.7622	0.5239	0.7233
MUT_ci300400a_rdkit_descriptors		0.7782	0.2218	0.7720	0.5435	0.7077
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9628	0.0372	0.9629	0.9257	0.2123
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6448	0.3552	0.6420	0.2832	0.8855
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9454	0.0546	0.9330	0.8660	0.3164
NPHA-doctor-visits		0.5139	0.3241	0.3066	-0.0084	0.4955
nursery		0.9282	0.0359	0.8785	0.8944	0.1456
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.8333	0.0833	0.8690	0.7489	0.2189
occupancy		0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation		0.9911	0.0044	0.9701	0.9730	0.0325

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
oh0-wc			0.8812	0.0238	0.8827	0.8630	0.0925
oh10-wc			0.7619	0.0476	0.7658	0.7270	0.2095
oh15-wc			0.8152	0.0370	0.8034	0.7891	0.1594
oh5-wc			0.8352	0.0330	0.8366	0.8131	0.1507
olive			0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%			0.9113	0.0887	0.4768	0.0000	0.2055
optdigits			0.9609	0.0078	0.9626	0.9565	0.0564
optdigitsZ			0.9964	0.0036	0.9889	0.9776	0.0175
orl			1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9130	0.0870	0.5398	0.0537	0.6079
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8505	0.1495	0.8341	0.6682	0.5850
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8571	0.1429	0.8579	0.7143	0.5399
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9708	0.0117	0.8805	0.8293	0.2546
parkinson			0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons			0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small			0.8947	0.1053	0.8643	0.7286	0.5039
particle			0.8636	0.1364	0.8237	0.6388	0.5410
particle10%			0.8623	0.1377	0.8229	0.6408	0.5580
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac			0.5464	0.4536	0.4182	-0.0626	0.8367
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8684	0.1316	0.8146	0.5918	0.4410
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.9518	0.0096	0.9515	0.9464	0.0746
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.9173	0.0103	0.9174	0.9118	0.1312
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%			0.4283	0.5717	0.2999	0.0000	0.5287
phone-acc0.1%			0.6761	0.0925	0.6466	0.6204	0.3051
phone-acc1%			0.1413	0.2453	0.0354	0.0000	0.4030
phone-gyr0.1%			0.6676	0.0950	0.6292	0.6100	0.3001
phone-gyr1%			0.1372	0.2465	0.0345	0.0000	0.4034
phoneme			0.7593	0.2407	0.6882	0.3725	0.7782
phy			0.7028	0.2972	0.7028	0.4055	0.8173
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.8947	0.1053	0.8944	0.7889	0.4478
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.4976	0.1436	0.1221	-0.0033	0.2140
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7881	0.2119	0.7631	0.5210	0.6943
popularity			0.6605	0.2263	0.4575	0.1995	0.4877
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6919	0.3824	0.8284
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.1818	0.1259	0.0237	0.0000	0.3708
profb			0.8507	0.1493	0.8308	0.6616	0.5882
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8309	0.0676	0.7721	0.7710	0.2504
puc-rio10%			0.8377	0.0649	0.7756	0.7804	0.2484
pufs-1281%			0.4980	0.5020	0.4980	-0.0040	1.0000
pufs-641%			0.5046	0.4954	0.5046	0.0092	0.9974
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6081	0.3919	0.5793	0.1540	0.9234
satimage			0.8460	0.0513	0.8095	0.8093	0.2124
satimageF			0.9860	0.0140	0.9632	0.9255	0.1348
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.8741	0.1259	0.8730	0.7458	0.5050
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8918	0.0309	0.9022	0.8735	0.1256
segmentation			0.8119	0.1881	0.7917	0.5822	0.6578
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8609	0.1391	0.4626	-0.0102	0.4516
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-8-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-9-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8856	0.1144	0.7440	0.4269	0.4764
shuttle			0.9093	0.0259	0.3761	0.6978	0.0716
sick			0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9187	0.0813	0.8777	0.7554	0.4667
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2200	0.3900	0.2215	-0.0406	0.8291
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7554	0.0815	0.6814	0.6840	0.1894

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9109	0.0891	0.9065	0.8106	0.3857
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.9495	0.0505	0.9353	0.8695	0.3294
splice-IE			0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles			0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored			0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7534	0.1644	0.7045	0.6004	0.4725
steel-b			0.8205	0.1795	0.6964	0.3757	0.6953
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9744	0.0256	0.9611	0.9221	0.2232
steel-o			0.7744	0.2256	0.7417	0.4507	0.6572
steel-p			0.9282	0.0718	0.7214	0.4253	0.5579
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9590	0.0410	0.8834	0.7667	0.4153
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9097	0.0903	0.8358	0.6591	0.4499
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6450	0.1420	0.3598	0.4136	0.4014
student-depression			0.8348	0.1652	0.8286	0.6562	0.5966
student-habits			0.4300	0.2280	0.1992	0.0938	0.4507
student-weekend			0.3538	0.2585	0.1967	0.0686	0.5914
student-workday			0.6875	0.1250	0.1630	-0.0248	0.2966
studentap			0.6154	0.2564	0.4782	0.3750	0.4230
susy1%			0.7938	0.2062	0.7937	0.5787	0.6509
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9945	0.0010	0.9946	0.9940	0.0084
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis10%			0.8806	0.1194	0.8322	0.6248	0.3768
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.8788	0.0485	0.7051	0.7047	0.1141
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9686	0.0314	0.9509	0.9017	0.2375
turkish			0.8250	0.0875	0.8244	0.7667	0.1948

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews1%			0.9231	0.0769	0.9169	0.8334	0.3669
tvnews10%			0.8967	0.1033	0.8879	0.7749	0.4471
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8358	0.0365	0.8452	0.8078	0.1317
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
vehicle			0.7500	0.1250	0.7237	0.6653	0.2107
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6364	0.0661	0.6489	0.6000	0.1722
vowelZ			0.9899	0.0101	0.9717	0.9418	0.2236
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.6408	0.1026	0.6270	0.5788	0.3953
watch-gyr1%			0.6304	0.1056	0.6135	0.5675	0.3760
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8580	0.0947	0.8583	0.7870	0.3368
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8000	0.1333	0.5504	0.6215	0.3329
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9731	0.0269	0.8382	0.6534	0.2957
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5912	0.1363	0.2732	0.3290	0.3952
winequality-white			0.5297	0.1568	0.2985	0.2435	0.4964
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.5000	0.1000	0.3577	0.3533	0.3456
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9301	0.0140	0.9238	0.9216	0.1044

Table 61: Detailed results for GNBC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1199	0.0607	0.0604	0.0485	0.5449
abalone19		0.7679	0.2321	0.5260	0.0064	0.0802
abalone9-18		0.8356	0.1644	0.6173	0.1828	0.5164
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.1402	0.8598	0.1230	0.0000	0.3071
adult		0.8135	0.1865	0.7311	0.4601	0.7090
advanced-iot		0.9473	0.0176	0.9536	0.9368	0.0393
AID_1431		0.5873	0.4127	0.5180	0.0206	0.4769
AID_1431_KlekotaRothFingerprinter		0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_MACCSFingerprinter		0.2063	0.7937	0.4539	-0.0239	0.3372
AID_1878		0.5048	0.4952	0.5759	0.1023	0.6316
AID_602330		0.2865	0.7135	0.4288	-0.0256	0.2131
AID_652128		0.1717	0.5522	0.4389	0.0350	0.2708
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.2500	0.7500	0.5712	0.0395	0.3317
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.0874	0.9126	0.4313	-0.0153	0.2096
AID362red		0.0841	0.9159	0.5212	0.0021	0.0422
AID373AID439red		0.0008	0.9992	0.5002	0.0000	0.0005
AID373red		0.0100	0.9900	0.4537	-0.0003	0.0048
AID439Morered		0.2857	0.7143	0.5833	0.0541	0.3467
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.0100	0.9900	0.5025	0.0000	0.0087
AID604		0.0083	0.9917	0.5021	0.0000	0.0102
AID604AID644_AllRed		0.0033	0.9967	0.5008	0.0000	0.0029
AID644Morered		0.3500	0.6500	0.5906	0.0441	0.4906
AID644red		0.3000	0.7000	0.4182	-0.0606	0.7291
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.0099	0.9901	0.5025	0.0000	0.0261
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.3214	-0.1887	0.7422
AID746AID1284red		0.0052	0.9948	0.5013	0.0000	0.0029
AID746red		0.0065	0.9935	0.5016	0.0000	0.0172
aids		0.7887	0.2113	0.6942	0.3834	0.7485
air_pollution		0.3733	0.1790	0.1025	0.0041	0.6009
air-booking		0.1494	0.8506	0.1300	0.0000	0.3214
airline		0.8470	0.1530	0.8440	0.6880	0.5707
alcohol		0.6190	0.1524	0.2805	0.2652	0.6914
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8000	0.2000	0.7764	0.5504	0.6791
anneal		0.8876	0.0449	0.8493	0.7930	0.3625
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9555	0.0445	0.7272	0.2621	0.3341
anuran-family		0.8567	0.0716	0.7504	0.7469	0.4316
anuran-genus		0.8484	0.0379	0.7246	0.7690	0.3994
anuran-species		0.9250	0.0150	0.7994	0.8958	0.1270
anxiety		0.0917	0.2019	0.0673	-0.0192	0.7031
apple-quality		0.6950	0.3050	0.6950	0.3900	0.8273
aps-failure		0.9708	0.0292	0.7727	0.4895	0.5363
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9679	0.0321	0.6754	0.2384	0.3826
arabidopsis10%		0.9920	0.0080	0.6690	0.0144	0.0319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia		0.2444	0.1162	0.3835	0.2019	0.2698
auction		0.7892	0.2108	0.5890	0.1743	0.7376
audiology		0.7391	0.0217	0.2968	0.7019	0.0597
audit-risk		0.8718	0.1282	0.8740	0.7168	0.3249
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.7000	0.3000	0.7648	0.4368	0.5305
autism-child		0.6897	0.3103	0.7486	0.3916	0.4961
autos		0.5000	0.1667	0.4732	0.3590	0.4316
avila		0.3110	0.1148	0.4253	0.2086	0.6444
babies		0.3790	0.1774	0.1759	0.1234	0.6027
balance		0.9032	0.0645	0.6222	0.8180	0.1797
bank		0.8691	0.1309	0.6987	0.3950	0.6798
banknote		0.8467	0.1533	0.8444	0.6882	0.5675
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8710	0.1290	0.8621	0.7016	0.4095
basehock		0.5075	0.4925	0.6076	0.0199	0.5280
bio		0.9932	0.0068	0.8291	0.6540	0.4934
bio10%		0.9911	0.0089	0.7930	0.5763	0.5312
biodeg		0.7143	0.2857	0.7774	0.4706	0.5112
biomed		0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin		0.8594	0.0097	0.0513	0.0410	0.1346
bitcoin1%		0.7473	0.0174	0.0456	0.0154	0.0614
bitcoin10%		0.9282	0.0050	0.0433	0.0414	0.4035
body-perf		0.5410	0.2295	0.5336	0.3881	0.6027
bookings		0.0101	0.6599	0.0067	0.0000	0.3560
brain-tumor		0.5150	0.4850	0.5150	0.0300	0.9913
breast-cancer		0.7143	0.2857	0.6242	0.2432	0.8417
breast-cancer-co		0.4545	0.5455	0.4777	-0.0312	0.9055
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5820	0.5644	0.1810
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17		0.6123	0.3877	0.6452	0.1649	0.4251
bub12at310k-hg16-17		0.6197	0.3803	0.6503	0.1725	0.4260
bub8at310k-hg16-17		0.5870	0.4130	0.6470	0.1584	0.4013
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae		0.4600	0.3600	0.2940	-0.0388	0.5504
car		0.7586	0.1207	0.7084	0.5743	0.5116
car-insurance		0.7540	0.2460	0.7453	0.4771	0.7236
card		0.7971	0.2029	0.7929	0.5672	0.6185
cardiotocography		0.6854	0.0629	0.7061	0.6352	0.3668
cardiotocography-nsp		0.8263	0.1158	0.7282	0.5961	0.4878
cardiovascular		0.5987	0.4013	0.6205	0.1970	0.8076
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8250	0.1167	0.8000	0.6930	0.3967
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5785	0.4215	0.5827	0.1037	0.7643
cas_N6512_RDkit_AtomPair_FP		0.5813	0.4187	0.5958	0.1067	0.7104
cas_N6512_rdkit_AVALON		0.6313	0.3687	0.6514	0.2801	0.8314
cas_N6512_RDkit_Avalon_FP		0.6181	0.3819	0.6403	0.2558	0.8364
cas_N6512_rdkit_descriptors		0.5969	0.4031	0.6005	0.1489	0.7939
cas_N6512_rdkit_FEATMORGAN		0.6528	0.3472	0.6740	0.3221	0.8017
cas_N6512_RDkit_Featmorgan_FP		0.6886	0.3114	0.7038	0.3882	0.7797
cas_N6512_RDkit_FP		0.6150	0.3850	0.6159	0.2308	0.9108
cas_N6512_rdkit_LAYERED		0.6800	0.3200	0.6789	0.3577	0.8458
cas_N6512_RDkit_Layered_FP		0.6687	0.3313	0.6668	0.3335	0.8601

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.6866	0.3134	0.6850	0.3700	0.8386
cas_N6512_RDkit_MACCS_FP		0.7009	0.2991	0.7082	0.4077	0.7943
cas_N6512_rdkit_MORGAN		0.7015	0.2985	0.7142	0.3782	0.6943
cas_N6512_RDkit_morgan_FP		0.6518	0.3482	0.6637	0.2700	0.7425
cas_N6512_rdkit_PATTERN		0.6723	0.3277	0.6709	0.3418	0.8553
cas_N6512_RDkit_pattern_FP		0.6457	0.3543	0.6431	0.2860	0.8857
cas_N6512_rdkit_RDKITFP		0.5868	0.4132	0.5913	0.1797	0.9272
cas_N6512_rdkit_TORSION		0.5354	0.4646	0.4394	-0.0056	0.5869
ccds		0.7487	0.2513	0.6056	0.1048	0.3338
ccds1%		0.7830	0.2170	0.6190	0.1282	0.3532
ccds10%		0.7167	0.2833	0.6109	0.0981	0.3001
cdc_diabetes		0.7667	0.1555	0.4404	0.2783	0.5943
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7254	0.2746	0.6923	0.2857	0.5976
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.4339	0.5661	0.5554	0.0288	0.2173
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.5332	0.4668	0.5920	0.0627	0.2587
CDS49_AID687_Rdkit-ecfp4-fp		0.0024	0.9976	0.0024	0.0000	0.0069
census		0.3710	0.6290	0.5992	0.0586	0.2221
census10%		0.3453	0.6547	0.5918	0.0496	0.2047
central-nervous-system		1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B		0.8837	0.1163	0.7123	0.3875	0.6014
cervical-C		0.7791	0.2209	0.5653	0.0912	0.4777
cervical-H		0.8837	0.1163	0.7632	0.4011	0.4711
cervical-S		0.8837	0.1163	0.7868	0.5243	0.5794
children-anemia		0.0982	0.4509	0.3166	0.0385	0.4658
chrom19		0.9882	0.0118	0.6860	0.1277	0.1809
chrom191%		0.9812	0.0188	0.6900	0.1091	0.1510
chrom1910%		0.9892	0.0108	0.6767	0.1385	0.2056
chrom21		0.9067	0.0933	0.6055	0.0022	0.0053
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9799	0.0201	0.6251	0.0150	0.0282
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8220	0.1780	0.6857	0.3472	0.6876
churn-bigml		0.6067	0.3933	0.6808	0.2397	0.5009
ci900367j_MACCS		0.6316	0.3684	0.6452	0.2761	0.8436
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.0476	0.6349	0.0303	0.0000	0.3826
cjs		0.7607	0.0798	0.7835	0.7040	0.2092
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7648	0.1176	0.4871	0.6132	0.3076
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5000	0.3333	0.4575	0.1628	0.5720
cm1		0.8200	0.1800	0.4505	-0.0976	0.7500
cmc		0.4898	0.3401	0.5117	0.2482	0.7108
cnae-9		0.3611	0.1420	0.3765	0.2812	0.3394
codon_usage		0.5288	0.0857	0.4942	0.4449	0.4619
coil20		0.9444	0.0056	0.9479	0.9415	0.0394
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.2600	0.0987	0.2210	0.2188	0.2736
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4		0.7241	0.2759	0.6548	0.3095	0.8231
colposcopies-5		0.7586	0.2414	0.6667	0.3165	0.7298
colposcopies-6		0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c		0.8966	0.1034	0.8560	0.6692	0.2534
column-2c		0.8065	0.1935	0.8110	0.5991	0.6096
column-3c		0.7419	0.1720	0.6792	0.5832	0.4193

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5252	0.4730	0.5343	0.0316	0.7894
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
comedy_comparisons10%		0.4827	0.5173	0.3256	0.0000	0.5300
connect-4		0.8154	0.1231	0.5048	0.1435	0.2564
cottonmeloidogyne		0.7236	0.2764	0.7267	0.4461	0.7700
coupon		0.6096	0.3904	0.6273	0.2403	0.8679
covid19		0.5244	0.1359	0.2010	0.1359	0.3936
covtype		0.3951	0.1728	0.4693	0.2274	0.4499
covtype10%		0.3812	0.1768	0.4345	0.2289	0.4589
covtypeCD		0.5507	0.4493	0.6726	0.2012	0.4263
covtypeT		0.7491	0.2509	0.6962	0.2542	0.4346
crabs		0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans		0.9807	0.0193	0.6736	0.1272	0.1922
creditcard_trans10%		0.9824	0.0176	0.7037	0.1640	0.2192
crowdsourced		0.8129	0.0624	0.6618	0.6549	0.4433
cryotherapy		0.7778	0.2222	0.8000	0.5263	0.4308
cultivars		0.3438	0.0328	0.2549	0.3260	0.0948
customer-churn		0.9746	0.0254	0.6268	0.2449	0.5666
cybersecurity		0.1733	0.2756	0.1729	0.0061	0.8759
cyclopentane		0.5556	0.4444	0.5791	0.1429	0.8961
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.6154	0.3846	0.3810	-0.1404	0.4667
dating		0.0984	0.1803	0.0981	-0.0017	0.9180
day1%		0.3581	0.6419	0.2637	0.0000	0.5110
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7590	0.2410	0.6898	0.3723	0.7583
defect		0.8951	0.1049	0.7860	0.4706	0.2404
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8595	0.1405	0.6805	0.3597	0.6952
depressed		0.8182	0.1818	0.5896	0.1515	0.7317
dermatology		0.9459	0.0180	0.9524	0.9327	0.0421
desharnais		0.1250	0.5833	0.0741	0.0000	0.3719
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3125	0.4583	0.4049	0.0737	0.4110
DIA		0.4500	0.5500	0.5871	0.1081	0.6495
diabetes		0.8462	0.1538	0.8375	0.6750	0.5822
diabetes-100k		0.8777	0.1223	0.7401	0.4434	0.6090
diabetes-risk		0.8500	0.1500	0.7419	0.4361	0.5507
diabetic		0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%		0.1078	0.5948	0.0649	0.0000	0.4002
diabetic10%		0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9667	0.0167	0.9487	0.9540	0.0635
diamonds_all		0.5284	0.1887	0.4385	0.3233	0.6292
dishonest		0.9062	0.0938	0.8890	0.7757	0.4232
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.5000	0.5000	0.5143	0.0270	0.9591
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9710	0.0290	0.5816	0.0597	0.1748
dna1%		0.9438	0.0562	0.6490	0.0671	0.1163
dna10%		0.9892	0.0068	0.5231	0.0506	0.4648
dorothea		0.9391	0.0609	0.8002	0.5082	0.1609
dota2		0.5730	0.4270	0.5696	0.1384	0.9506
dota210%		0.5301	0.4699	0.5252	0.0498	0.9805
drebin		0.6773	0.3227	0.7546	0.4130	0.5295
dropout		0.7065	0.1956	0.6232	0.5058	0.5385

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.3511	0.1854	0.1575	0.0485	0.6961
drug-02		0.5053	0.1413	0.3196	0.2733	0.5416
drug-03		0.5638	0.1246	0.1728	0.1106	0.6675
drug-04		0.4681	0.1520	0.2149	0.1453	0.7409
drug-05		0.7074	0.0836	0.1319	0.0080	0.4037
drug-06		0.4043	0.1702	0.2819	0.2691	0.5918
drug-07		0.3936	0.1733	0.1581	0.0557	0.5977
drug-08		0.4787	0.1489	0.2009	0.1432	0.5108
drug-09		0.7553	0.0699	0.1519	0.0362	0.3926
drug-10		0.5266	0.1353	0.2528	0.1974	0.6227
drug-11		0.7181	0.0805	0.1726	0.1150	0.5330
drug-12		0.7234	0.0790	0.1891	0.1195	0.7221
drug-13		0.6117	0.1109	0.2200	0.3134	0.5555
drug-14		0.5585	0.1261	0.3479	0.3023	0.7169
drug-15		0.6436	0.1018	0.1613	0.1034	0.5564
drug-16		0.5745	0.1216	0.2647	0.3487	0.5525
drug-17		0.3351	0.1900	0.2407	0.1326	0.6864
drug-18		0.9681	0.0128	0.1968	-0.0053	0.1725
drug-19		0.6649	0.0957	0.1917	0.1279	0.8046
drybean		0.8905	0.0313	0.9022	0.8677	0.1560
ecoli		0.8235	0.0441	0.5314	0.7521	0.1377
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU		0.7273	0.2727	0.6333	0.1951	0.5391
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2900	0.3550	0.2939	0.0519	0.7982
eeg		0.1249	0.1094	0.2141	0.0868	0.5959
eeg-eye		0.4753	0.5247	0.5672	0.0391	0.6297
eeg10%		0.1591	0.1051	0.2049	0.1152	0.5953
email_phishing		0.1158	0.8842	0.5085	0.0009	0.0491
eucalyptus		0.4247	0.2301	0.4572	0.2858	0.5816
euthyroid		0.3544	0.6456	0.5805	0.0585	0.3300
exon.vs.intron-freq		0.8988	0.1012	0.8985	0.7970	0.4364
exon.vs.intron-freq10%		0.8955	0.1045	0.8952	0.7904	0.4451
fakenews		0.5250	0.4750	0.5250	0.0500	0.9851
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.2724	0.0856	0.3668	0.2313	0.4271
fertility		0.6000	0.4000	0.3750	-0.1765	0.5613
finance		0.5490	0.4510	0.5364	0.0713	0.9675
financial-risk		0.6810	0.1063	0.4678	0.4875	0.3968
fishcatch		0.8750	0.0417	0.9249	0.8462	0.0696
flags		0.0500	0.2375	0.0417	0.0104	0.3720
fonts		0.1630	0.0109	0.0673	0.1467	0.9874
fonts10%		0.1499	0.0111	0.0635	0.1349	0.9143
forest		0.9038	0.0481	0.8715	0.8675	0.1339
gas		0.5528	0.1491	0.5950	0.4676	0.4303
gastrointestinal		0.5000	0.3333	0.5086	0.2686	0.5111
gender		0.3684	0.4211	0.3832	0.0267	0.4627
gene		0.9054	0.0631	0.8985	0.8507	0.2634
german		0.6700	0.3300	0.6259	0.2500	0.8752
gestures		0.7757	0.1122	0.7877	0.7010	0.2769
gina		0.7925	0.2075	0.7989	0.5830	0.6312
gisette		0.6357	0.3643	0.7042	0.2714	0.5087
glass		0.5714	0.1429	0.5417	0.3803	0.2215
glass-g2		0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP		0.6667	0.3333	0.7483	0.3951	0.5223
glassBWNFP		0.5714	0.4286	0.6981	0.2703	0.5297
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		0.8571	0.1429	0.7918	0.5772	0.5973
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.3810	0.6190	0.5973	0.0488	0.1789
GlaucomaM		0.7368	0.2632	0.7360	0.4693	0.7643
gli_85		0.6250	0.3750	0.7241	0.3333	0.5239
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8571	0.1429	0.8603	0.7131	0.5255
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.3333	0.3333	0.4579	0.1573	0.5432
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
hapt		0.8070	0.0322	0.7152	0.7725	0.2105
har		0.5000	0.2000	0.5577	0.3841	0.5387
har70		0.7276	0.0778	0.4790	0.6314	0.1628
har701%		0.7217	0.0795	0.4754	0.6240	0.1618
har7010%		0.7330	0.0763	0.4808	0.6382	0.1608
harth		0.8926	0.0140	0.6516	0.8418	0.2572
harth1%		0.7469	0.0422	0.3730	0.6530	0.2335
harth10%		0.7440	0.0427	0.3775	0.6490	0.2390
hayes-roth		0.5625	0.2917	0.6200	0.2911	0.4882
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8387	0.1613	0.8369	0.6723	0.5819
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.7640	0.2360	0.7045	0.3669	0.6818
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.8000	0.2000	0.8077	0.5455	0.5283
hepmass		0.8275	0.1826	0.8300	0.6381	0.6351
hepmass1%		0.8013	0.1987	0.8045	0.6021	0.6396
hepmass10%		0.7978	0.2022	0.8014	0.5952	0.6440
hERG-121inputs		0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-64inputs		0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.6642	0.3279	0.6726	0.3377	0.8490
higgs0.1%		0.6218	0.3782	0.6231	0.2201	0.8461
higgs1%		0.5995	0.4005	0.5999	0.1701	0.8521
higgs10%		0.6006	0.3994	0.6023	0.1743	0.8492
higher		0.0714	0.2321	0.0625	-0.0706	0.3706
hinselmann		0.4000	0.6000	0.2857	-0.3636	0.7910
hitters		0.4688	0.5312	0.3191	0.0000	0.5307
hiv1-proteasa		0.5902	0.4098	0.6927	0.2557	0.4894
hiva		0.9196	0.0804	0.5818	0.1518	0.5605
horse		0.6111	0.2593	0.5954	0.3547	0.6180
hotel-reservartions		0.4338	0.5662	0.6064	0.1005	0.5881
hr		0.1368	0.8632	0.1204	0.0000	0.3017
ht-sensor		0.4924	0.3384	0.5234	0.2523	0.5539
ht-sensor10%		0.4826	0.3450	0.5115	0.2381	0.5576
htru2		0.9520	0.0480	0.8657	0.7292	0.4828
hypothyroid		0.4377	0.2812	0.4280	0.1081	0.3736
hypothyroidT		0.4987	0.5013	0.5914	0.0780	0.3482
ilpd		0.4237	0.5763	0.6289	0.1194	0.5000
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9280	0.0360	0.9290	0.9040	0.1430
ionosphere		0.7714	0.2286	0.7870	0.5380	0.6284
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9600	0.0400	0.9613	0.9196	0.1967
isolet		0.8614	0.0107	0.8680	0.8558	0.1034

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8044	0.1956	0.6155	0.1959	0.7226
jvowels		0.8514	0.0330	0.8440	0.8315	0.1990
kc1		0.8152	0.1848	0.6275	0.2535	0.7597
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.1429	0.0714	0.0152	0.0400	0.1384
kc1-class-level-top5percentDF		0.6667	0.3333	0.4000	-0.1194	0.4433
kc2		0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007		0.1372	0.2157	0.0302	0.0000	0.3807
kddcup98		0.0507	0.9493	0.0483	0.0000	0.1324
kddcup981%		0.0526	0.9474	0.0500	0.0000	0.1368
kddcup9810%		0.0513	0.9487	0.0488	0.0000	0.1337
kddcup99		0.7528	0.0215	0.3945	0.6099	0.0618
kddcup991%		0.7611	0.0208	0.3551	0.6255	0.0950
kddcup9910%		0.7032	0.0258	0.3338	0.5436	0.1155
kepler		0.6987	0.2008	0.7075	0.5308	0.3817
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9750	0.0250	0.9737	0.9459	0.1112
krkopt		0.3034	0.0774	0.2307	0.2090	0.5473
krvskp		0.6708	0.3292	0.7123	0.3204	0.5805
la1s-wc		0.1079	0.2974	0.0325	0.0000	0.3928
la2s-wc		0.1722	0.2759	0.2281	0.0823	0.4417
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.6471	0.0176	0.3476	0.6298	0.0639
led24		0.5500	0.0900	0.5312	0.4901	0.1903
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.6275	0.0287	0.6379	0.6127	0.3220
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.7778	0.0296	0.7749	0.7614	0.0884
linkage		0.9998	0.0002	0.9893	0.9784	0.0010
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.9998	0.0002	0.9879	0.9754	0.0012
liver		0.5294	0.4706	0.6364	0.1929	0.6825
loan		0.9461	0.0539	0.9429	0.8858	0.2940
localization		0.2892	0.1292	0.2240	0.1600	0.8075
localization10%		0.1699	0.1509	0.1715	0.0799	0.8629
lrs		0.7736	0.0453	0.3984	0.6919	0.1873
lung		0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7000	0.1200	0.7711	0.5522	0.3549
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.7857	0.1071	0.6342	0.6147	0.2542
lymphoma2		0.7778	0.0494	0.4018	0.6842	0.0783
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5923	0.4077	0.5928	0.1846	0.9321
magic04		0.7359	0.2641	0.6945	0.3437	0.7035
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8347	0.6671	0.5906
marketing		0.8705	0.1295	0.7327	0.4646	0.6605
maternal		0.6139	0.2574	0.6172	0.3972	0.4804
math		0.5750	0.2125	0.5306	0.3818	0.5242
mba		0.7565	0.1624	0.4508	0.2322	0.6332
mental-disorders		1.0000	0.0000	1.0000	1.0000	0.0000
mental-health		0.2333	0.3067	0.2339	0.0411	0.8524

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.5739	0.4261	0.6404	0.2080	0.7270
meter-A			0.5000	0.5000	0.6522	0.1579	0.5288
meter-B			0.8889	0.0741	0.8889	0.8302	0.1290
meter-C			0.6667	0.1667	0.7833	0.5424	0.2230
meter-D			0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac			0.9300	0.0140	0.9310	0.9222	0.0779
mfeat-fou			0.7300	0.0540	0.7308	0.7000	0.2236
mfeat-kar			0.9350	0.0130	0.9365	0.9278	0.0800
mfeat-mor			0.7250	0.0550	0.6998	0.6944	0.1840
mfeat-pix			0.9400	0.0120	0.9404	0.9333	0.0678
mfeat-zer			0.7250	0.0550	0.7332	0.6944	0.2145
mice-prot			0.9815	0.0046	0.9824	0.9788	0.0224
milk			0.8962	0.0692	0.8826	0.8397	0.2180
mines			0.4412	0.2235	0.4087	0.3009	0.3854
mobile			0.7448	0.0091	0.7729	0.7401	0.1065
monks-1			0.6182	0.3818	0.6203	0.2326	0.8914
monks-2			0.6557	0.3443	0.3960	0.0000	0.4711
monks-3			0.9107	0.0893	0.9178	0.8223	0.3018
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.9606	0.0394	0.9606	0.9212	0.2223
music			0.4506	0.0999	0.4675	0.3481	0.5484
musk			0.8076	0.1924	0.7040	0.3926	0.6987
MUT_ci300400a_cdk_ECFP2			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4			0.6754	0.3246	0.6796	0.2585	0.6288
MUT_ci300400a_cdk_ECFP6			0.7210	0.2790	0.7211	0.4385	0.7839
MUT_ci300400a_cdk_ESTATE			0.6247	0.3753	0.6029	0.1402	0.7558
MUT_ci300400a_cdk_EXTENDED			0.6655	0.3345	0.6674	0.3304	0.8478
MUT_ci300400a_cdk_FCFP2			0.6467	0.3533	0.6344	0.1936	0.7228
MUT_ci300400a_cdk_FCFP4			0.6055	0.3945	0.6215	0.0648	0.5418
MUT_ci300400a_cdk_FCFP6			0.7386	0.2614	0.7357	0.4699	0.7660
MUT_ci300400a_cdk_MACCS			0.6930	0.3070	0.6779	0.3497	0.8267
MUT_ci300400a_cdk_PUBCHEM			0.6144	0.3856	0.6212	0.0904	0.5796
MUT_ci300400a_cdk_STANDARD			0.6647	0.3353	0.6667	0.3289	0.8483
MUT_ci300400a_rdkit_descriptors			0.6604	0.3396	0.6492	0.2533	0.7766
myocardial			0.0353	0.2412	0.1941	0.0248	0.3228
naticusdroid			0.5796	0.4204	0.6614	0.1575	0.5197
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.5000	0.1111	0.2917	0.4194	0.1042
ncRNA			0.6850	0.0332	0.3000	0.4190	0.7425
ncRNA1%			0.5860	0.0436	0.2813	0.3304	0.5779
ncRNA10%			0.5811	0.0441	0.2608	0.3237	0.4711
neo			0.8555	0.1445	0.5954	0.1908	0.7135
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.0168	0.0447	0.0405	0.0052	0.4273
newspop			0.5552	0.4448	0.6081	0.1477	0.7501
NHANES_age_prediction			0.9427	0.0573	0.8915	0.7830	0.4068
nomao			0.8450	0.1550	0.8331	0.6526	0.5819
NPHA-doctor-visits			0.4167	0.3889	0.3195	-0.0570	0.7814
nursery			0.8349	0.0660	0.6378	0.7650	0.1744
obesity			0.5118	0.1395	0.5004	0.4312	0.4052
obs			0.6481	0.1759	0.6945	0.5223	0.4601
occupancy			0.9650	0.0350	0.9551	0.9063	0.2714
Occupancy_Estimation			0.9635	0.0183	0.9012	0.8903	0.1470
oh0-wc			0.2772	0.1446	0.4805	0.2313	0.3199
oh10-wc			0.1048	0.1790	0.2181	0.0504	0.3823
oh15-wc			0.2609	0.1478	0.3537	0.2123	0.3651
oh5-wc			0.2527	0.1495	0.3810	0.1970	0.3490

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.0645	0.1871	0.1037	0.0009	0.4095
olive		0.9298	0.0156	0.9023	0.9129	0.0466
opn310k		0.5642	0.4358	0.6415	0.1463	0.3886
opn310k10%		0.5615	0.4385	0.6287	0.1318	0.3944
opnat310k-hg16-17		0.5789	0.4211	0.6427	0.1518	0.3998
optdigits		0.9199	0.0160	0.9244	0.9110	0.1051
optdigitsZ		0.9715	0.0285	0.9239	0.8415	0.3928
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr		0.7115	0.2885	0.6716	0.1429	0.2551
ozone8hr		0.6601	0.3399	0.6327	0.1521	0.4215
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7010	0.2990	0.7329	0.4230	0.6942
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8333	0.1667	0.8449	0.6703	0.5244
p53-mutants		0.2428	0.7572	0.5553	0.0030	0.0179
p53-mutants10%		0.6115	0.3885	0.6200	0.0099	0.0231
page-blocks		0.9250	0.0300	0.6278	0.5948	0.5035
parkinson		0.8667	0.1333	0.8621	0.7169	0.4911
parkinsons		0.7962	0.2038	0.7909	0.5784	0.6736
parkinsons-small		0.6316	0.3684	0.7286	0.3448	0.5271
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.6214	0.2387	0.6639
pcmac		0.5825	0.4175	0.5244	0.0160	0.7052
pcos		0.9967	0.0033	0.9949	0.9896	0.0572
pd		0.7632	0.2368	0.7186	0.4286	0.7429
pediatric-leukemia		0.7647	0.0672	0.7595	0.7149	0.2049
pendigits		0.8817	0.0237	0.8864	0.8685	0.1306
period		0.5556	0.4444	0.6897	0.2500	0.5288
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.5394	0.4606	0.6745	0.2105	0.5305
personalities		0.9067	0.0117	0.9067	0.9004	0.1402
pet-adoption		0.8700	0.1300	0.8499	0.6967	0.5223
phishing		0.9306	0.0694	0.9269	0.8536	0.3393
PhiUSIIL		1.0000	0.0000	1.0000	0.9942	0.0000
PhiUSIIL10%		0.6675	0.3325	0.6994	0.2479	0.4844
phone-acc		1.0000	0.0015	0.9987	0.9790	0.0100
phone-acc0.1%		0.4832	0.1477	0.4680	0.3964	0.5173
phone-acc1%		0.5003	0.1428	0.4822	0.4156	0.5178
phone-acc10%		0.4902	0.1457	0.4707	0.4036	0.5264
phone-gyr		1.0000	0.0001	1.0000	0.9946	0.0012
phone-gyr0.1%		0.5226	0.1364	0.5013	0.4406	0.4756
phone-gyr1%		0.5452	0.1299	0.5263	0.4673	0.4509
phone-gyr10%		0.5431	0.1306	0.5261	0.4648	0.4580
phoneme		0.7778	0.2222	0.7464	0.4873	0.7238
phy		0.6780	0.3220	0.6782	0.3561	0.8475
pima		0.7105	0.2895	0.6874	0.3489	0.7670
pirvision		0.8530	0.0980	0.8087	0.6325	0.3363
placement		0.7780	0.2220	0.7749	0.5488	0.7059
plant-growth		0.8421	0.1579	0.8444	0.6851	0.5655
plrx		0.6667	0.3333	0.4000	-0.1020	0.8617
poker		0.4997	0.1001	0.0666	0.0000	0.1726
poker1%		0.4790	0.1042	0.0948	-0.0053	0.3796
poker10%		0.4992	0.1002	0.0970	-0.0000	0.1817
polish-1st		0.0398	0.9602	0.5098	0.0001	0.1028
polish-2nd		0.0403	0.9597	0.4096	-0.0018	0.1141
polish-3rd		0.0600	0.9400	0.5152	0.0013	0.1264

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.0653	0.9347	0.4755	-0.0025	0.1561
polish-5th			0.9255	0.0745	0.5357	0.0288	0.4764
polya			0.7384	0.2616	0.7202	0.4397	0.7788
popularity			0.4214	0.3857	0.4444	0.1259	0.6119
post-operative			0.7778	0.1481	0.5714	0.6000	0.2778
postures			0.5972	0.1611	0.6202	0.4950	0.3604
pred-tox_mutagen_ref-desc			0.5735	0.4265	0.6138	0.1471	0.7239
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4242	0.0523	0.2803	0.3755	0.2154
processed			0.5266	0.4734	0.6568	0.2061	0.6103
profb			0.4030	0.5970	0.5464	0.0456	0.6863
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.7266	0.1094	0.6270	0.6257	0.3613
puc-rio10%			0.7302	0.1079	0.6247	0.6308	0.3414
pufs-128			0.4940	0.4944	0.4973	-0.0035	1.0000
pufs-1281%			0.5080	0.4920	0.5080	0.0160	0.9953
pufs-12810%			0.4995	0.5005	0.4995	-0.0009	1.0000
pufs-64			0.5021	0.4979	0.5021	0.0041	0.9977
pufs-641%			0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%			0.5016	0.4984	0.5016	0.0032	0.9990
pulsar			0.9561	0.0439	0.8786	0.7549	0.4614
raisin			0.7778	0.2222	0.7924	0.5556	0.6112
rcv1			0.0010	0.0377	0.0273	0.0010	0.3412
rcv11%			0.0148	0.0372	0.0501	0.0137	0.3486
rcv110%			0.0021	0.0377	0.0372	0.0020	0.3796
re0-wc			0.0333	0.1487	0.0520	0.0197	0.4121
re1-wc			0.0361	0.0771	0.0482	0.0284	0.4009
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.0060	0.0306	0.0494	0.0049	0.3352
rice			0.9802	0.0198	0.9803	0.9599	0.1108
rnaseq			0.9875	0.0050	0.9900	0.9835	0.0307
rocket			0.5225	0.4775	0.6540	0.1630	0.5490
RT_IOT2022			0.8855	0.0191	0.7183	0.7170	0.0516
satimage			0.7838	0.0721	0.7700	0.7357	0.2713
satimageF			0.9798	0.0202	0.9463	0.8910	0.1828
satimageT			0.7512	0.2488	0.7256	0.3326	0.4978
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6765	0.3235	0.6847	0.3529	0.8074
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.1026	0.8974	0.4709	-0.0070	0.2098
secondary_mushroom			0.6159	0.3841	0.7001	0.2820	0.5693
seeds			0.8571	0.0952	0.8631	0.7857	0.2706
segment			0.8052	0.0557	0.8532	0.7721	0.1288
segmentation			0.7376	0.2624	0.7424	0.4692	0.7306
segmentO			0.6926	0.3074	0.7324	0.3431	0.4951
seismic			0.8450	0.1550	0.6233	0.2135	0.5833
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.7184	0.2816	0.5336	0.0623	0.7211
sens-10-gram			0.1916	0.8084	0.5515	0.0188	0.3100
sens-2-gram			0.6553	0.3447	0.5725	0.1149	0.6435
sens-3-gram			0.6816	0.3184	0.6143	0.1824	0.6322
sens-4-gram			0.6184	0.3816	0.5561	0.0841	0.6260
sens-5-gram			0.3711	0.6289	0.5612	0.0540	0.4430
sens-6-gram			0.2079	0.7921	0.5572	0.0247	0.3106

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.1921	0.8079	0.5519	0.0193	0.3068
sens-8-gram			0.1763	0.8237	0.5291	0.0095	0.3260
sens-9-gram			0.1763	0.8237	0.5465	0.0141	0.3031
sensorless			0.6682	0.0603	0.6751	0.6350	0.2354
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.7591	0.2409	0.6986	0.3531	0.6607
shuttle			0.9069	0.0266	0.6876	0.7079	0.3309
sick			0.5517	0.4483	0.6079	0.0930	0.3296
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9238	0.0762	0.8793	0.7542	0.3994
skin10%			0.9179	0.0821	0.8692	0.7315	0.4098
smarket			0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming			0.2200	0.3900	0.2061	-0.0021	0.4762
smk_can_187			0.7368	0.2632	0.7531	0.4809	0.6961
smoking			0.6955	0.3045	0.7096	0.3985	0.7652
soil_pollution			0.2000	0.3200	0.2031	-0.0011	0.8676
solar-flare			0.6763	0.1079	0.6045	0.5906	0.2152
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9118	0.0093	0.9592	0.9037	0.0391
spam-detection			0.9350	0.0650	0.7796	0.5442	0.4924
spambase			0.6739	0.3261	0.7428	0.3991	0.5821
spect			0.6667	0.3333	0.7404	0.3721	0.5239
spectf			0.7143	0.2857	0.7742	0.4615	0.5283
spectrometer			0.4528	0.0228	0.1933	0.4252	0.1373
splice-EI			0.9369	0.0631	0.9265	0.8444	0.3639
splice-IE			0.8139	0.1861	0.8228	0.5918	0.5348
sport-articles			0.8100	0.1900	0.7922	0.5808	0.6508
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.7097	0.2903	0.6954	0.2228	0.4490
steel_industry			0.7138	0.1908	0.6795	0.5429	0.5025
steel-b			0.5538	0.4462	0.6702	0.2291	0.5535
steel-d			0.7795	0.2205	0.6175	0.1085	0.2968
steel-k			0.9590	0.0410	0.9356	0.8693	0.2472
steel-o			0.5641	0.4359	0.6659	0.2402	0.6540
steel-p			0.6615	0.3385	0.6898	0.2193	0.3841
steel-s			0.9333	0.0667	0.7776	0.4890	0.5434
steel-z			0.8513	0.1487	0.7677	0.4672	0.5689
stellar			0.6573	0.2285	0.4823	0.3285	0.4513
stock			0.7986	0.2014	0.6225	0.2396	0.7750
stockb			0.7885	0.1410	0.7862	0.6829	0.3612
streaming			0.8200	0.1800	0.8191	0.6376	0.6263
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.3700	0.2520	0.3270	0.1600	0.6403
student-depression			0.4143	0.5857	0.2930	0.0000	0.5267
student-habits			0.3700	0.2520	0.1762	0.0240	0.5979
student-weekend			0.2154	0.3138	0.2091	0.0175	0.7719
student-workday			0.5469	0.1812	0.1882	0.1703	0.6073
studentap			0.4615	0.3590	0.5296	0.2155	0.5746
susy			0.7216	0.2776	0.7277	0.4431	0.7929
susy1%			0.7292	0.2708	0.7351	0.4381	0.6998
susy10%			0.7245	0.2755	0.7300	0.4282	0.7086
swarm_aligned			0.5044	0.4956	0.6647	0.1945	0.5258
swarm_flocking			0.8539	0.1461	0.8541	0.7077	0.5494
swarm_grouped			0.9367	0.0633	0.9344	0.8604	0.2165
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8153	0.1847	0.7882	0.5666	0.6586
texture			0.7436	0.0466	0.7599	0.7179	0.2149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.8985	0.1015	0.8996	0.7849	0.3419
thoracic			0.5319	0.4681	0.4462	-0.0816	0.6777
thrombin			0.9738	0.0262	0.4934	-0.0084	0.5340
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			0.7263	0.2737	0.6775	0.3473	0.8018
tis			0.8145	0.1855	0.7850	0.5561	0.6564
tis10%			0.7687	0.2313	0.6980	0.3953	0.7673
titanic			0.7364	0.2636	0.7103	0.4184	0.7820
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.5294	0.4706	0.6034	0.1605	0.7799
toxicity-13f			0.8235	0.1765	0.8020	0.5984	0.6209
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.4920	-0.0141	0.8877
trec11-wc			0.0488	0.2114	0.1354	0.0244	0.3609
trec12-wc			0.1613	0.2097	0.2024	0.0974	0.3853
trec21-wc			0.0303	0.3232	0.0667	0.0000	0.3501
trec23-wc			0.1429	0.2857	0.1518	0.0455	0.4205
trec31-wc			0.0000	0.2857	0.0000	-0.0017	0.4306
trec41-wc			0.0455	0.1909	0.1885	0.0326	0.3686
trec45-wc			0.0725	0.1855	0.1958	0.0481	0.4092
tuandromd			0.2623	0.7377	0.5706	0.0321	0.4069
turkish			0.7500	0.1250	0.7591	0.6667	0.3226
tvnews			0.8161	0.1839	0.8039	0.6074	0.6494
tvnews1%			0.8769	0.1231	0.8663	0.7287	0.4872
tvnews10%			0.7965	0.2035	0.7913	0.5775	0.6705
ur3_cobotops_grip			0.8476	0.1524	0.5484	0.0615	0.3869
ur3_cobotops_stop			0.6109	0.3891	0.5986	0.0650	0.2346
urban			0.7015	0.0663	0.7371	0.6517	0.2389
urinalysis			0.0559	0.9441	0.0530	0.0000	0.1445
url-rep1%			0.3356	0.6644	0.2512	0.0000	0.5011
ustilago			0.8832	0.1168	0.6562	0.1053	0.1887
ustilago1%			0.9805	0.0195	0.5678	0.1332	0.5326
ustilago10%			0.9045	0.0955	0.6418	0.1174	0.2318
vehicle			0.3571	0.3214	0.3626	0.1575	0.6114
vehicleVAN			0.6429	0.3571	0.6590	0.2771	0.7362
voice			0.5833	0.4167	0.7044	0.2857	0.5302
vote			0.9535	0.0465	0.9555	0.9071	0.2027
vowel			0.5859	0.0753	0.6218	0.5444	0.1977
vowelZ			0.9596	0.0404	0.9072	0.7963	0.4472
vrnormat310k-hg16-17			0.7641	0.2359	0.6883	0.2847	0.5324
wap-wc			0.0577	0.0942	0.1740	0.0501	0.3672
warpar10p			0.6154	0.0769	0.4950	0.5667	0.1183
warppie10p			0.8095	0.0381	0.8163	0.7879	0.0879
watch-acc			0.4707	0.1512	0.4571	0.3790	0.5170
watch-acc1%			0.4696	0.1515	0.4617	0.3781	0.5016
watch-acc10%			0.4708	0.1512	0.4559	0.3791	0.5169
watch-gyr			0.4549	0.1557	0.4608	0.3617	0.5225
watch-gyr1%			0.4454	0.1585	0.4524	0.3500	0.5164
watch-gyr10%			0.4567	0.1552	0.4637	0.3638	0.5167
water_pollution			0.2600	0.3700	0.2572	0.0156	0.8460
waveform			0.8000	0.1333	0.8152	0.7001	0.3411
weather-related			0.8962	0.0189	0.9187	0.8831	0.0799
web-phishing			0.7926	0.1383	0.6019	0.6205	0.5023
Weekly			0.7963	0.2037	0.8156	0.5677	0.4168
weight-lift			0.2104	0.3158	0.3199	0.0417	0.4536
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9800	0.0100	0.9807	0.9733	0.0413

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9193	0.0807	0.5967	0.1928	0.6386
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5031	0.1656	0.2501	0.2308	0.6276
winequality-white			0.4192	0.1659	0.2305	0.1759	0.6317
winnipeg			0.9113	0.0254	0.8833	0.8887	0.1977
winnipeg10%			0.9236	0.0218	0.8921	0.9039	0.1923
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.8125	0.0250	0.8163	0.7992	0.0472
yeast			0.5203	0.0959	0.2925	0.3871	0.4459
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9392	0.0608	0.7807	0.4478	0.4858
yeastME1			0.9392	0.0608	0.7807	0.4478	0.4858
yeastME2			0.9054	0.0946	0.5912	0.1745	0.6043
zip			0.7882	0.0424	0.7816	0.7628	0.2429

Table 62: Detailed results for GOSDT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1175	0.0609	0.0073	0.0000	0.3403
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.3333	0.2222	0.1682	0.2000	0.3406
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.7880	0.2120	0.7905	0.5761	0.6740
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.7079	0.1169	0.1658	0.0000	0.2204
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8136	0.0932	0.4100	0.6228	0.2401
anuran-genus		0.7399	0.0650	0.1959	0.5297	0.2139
anuran-species		0.6153	0.0769	0.1456	0.4239	0.2162
anxiety		0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality		0.5850	0.4150	0.5895	0.1700	0.9136
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.5556	0.0684	0.0549	0.0000	0.2376
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.4348	0.0471	0.0538	0.2864	0.2017
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.5500	0.1500	0.2491	0.3571	0.2693
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.6290	0.2473	0.4334	0.3030	0.4915
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.8686	0.1314	0.8685	0.7357	0.5153
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.7811	0.2189	0.7594	0.4745	0.6011
basehock		0.7035	0.2965	0.7506	0.4087	0.5360
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.7143	0.2857	0.6852	0.3571	0.7939
biomed		0.8571	0.1429	0.8568	0.6736	0.3386
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.4291	0.2854	0.2885	0.2388	0.4229
bookings		0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-tissue		0.6364	0.1212	0.5146	0.5464	0.2057
bridges		0.6000	0.1143	0.2500	0.2593	0.2276
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9130	0.0870	0.9164	0.8189	0.3522
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.5305	0.0939	0.2118	0.4049	0.2549
cardiotocography-nsp		0.7793	0.1471	0.2920	0.0000	0.2332
cardiovascular		0.7115	0.2885	0.7151	0.4230	0.7867
cargo2k		0.6827	0.2115	0.5764	0.5168	0.1744
cars		0.6250	0.2500	0.2564	0.0000	0.3255
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.6385	0.3615	0.6336	0.2637	0.8875
cas_N6512_RDkit_pattern_FP		0.6518	0.3482	0.6476	0.2930	0.8759
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.9262	0.0369	0.6988	0.8891	0.1188
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
cirrhosis		0.5952	0.2698	0.3692	0.1119	0.4521
cjs		0.4464	0.1845	0.2061	0.2877	0.2340
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.5324	0.2338	0.2963	0.2225	0.4549
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.4167	0.3889	0.2805	-0.0769	0.5868
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.3822	0.1123	0.0969	0.2066	0.3315
college		0.8312	0.1688	0.7842	0.5680	0.6543
collins		0.3000	0.0933	0.0617	0.1769	0.2740
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.5665	0.6200	0.1957
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.6202	0.3798	0.6262	0.2423	0.8820
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.6334	0.1048	0.1950	0.3483	0.2917
covtype10%		0.6303	0.1056	0.1940	0.3425	0.2931
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.7000	0.1500	0.6364	0.6000	0.1630
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.5556	0.4444	0.3571	0.0000	0.5164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cylinder-bands		0.7037	0.2963	0.7024	0.3504	0.6949
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
day1%		0.9186	0.0814	0.9182	0.8294	0.3731
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.7838	0.0721	0.6086	0.7249	0.1129
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.7000	0.3000	0.7185	0.4000	0.7215
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.9167	0.0833	0.9226	0.8333	0.3145
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6007	0.1597	0.2862	0.3988	0.3212
dishonest		0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome		0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.6667	0.3333	0.6543	0.2500	0.7414
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.8064	0.1936	0.7914	0.5494	0.5653
dropout		0.7201	0.1866	0.5232	0.5018	0.3741
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3989	0.1717	0.1584	0.2181	0.3829
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1368	0.0979	0.0000	0.2706
drug-17		0.3245	0.1930	0.0700	0.0000	0.3521
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.4262	0.1640	0.1807	0.2656	0.3122

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ecoli		0.7647	0.0588	0.3134	0.6531	0.1225
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.1387	0.1077	0.0152	0.0000	0.3662
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4932	0.2027	0.2821	0.2995	0.3217
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq10%		0.8555	0.1446	0.8557	0.7107	0.5467
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.7077	0.2923	0.7149	0.3980	0.7327
fbis-wc		0.3577	0.0756	0.0705	0.2023	0.2928
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.6335	0.1222	0.2168	0.3235	0.2218
fishcatch		0.6875	0.1042	0.4017	0.5855	0.1296
flags		0.4000	0.1500	0.2171	0.2405	0.3035
fonts10%		0.1125	0.0116	0.0013	0.0000	0.3383
forest		0.5769	0.2115	0.3713	0.3979	0.1951
gastrointestinal		0.6250	0.2500	0.4710	0.3684	0.3556
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.5110	0.3260	0.2255	0.0000	0.3731
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.3570	0.3215	0.2678	0.1444	0.4484
gina		0.7464	0.2536	0.7484	0.4910	0.7403
glass		0.6190	0.1270	0.3749	0.4247	0.2176
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP		0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
glioma		0.6000	0.2000	0.3684	0.4118	0.2279
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4000	0.3000	0.2576	0.1346	0.4553
gsalc		0.1111	0.2963	0.0667	0.0000	0.3854
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
har		0.2844	0.2862	0.0886	0.0000	0.3861
har701%		0.6810	0.0911	0.2304	0.4728	0.1713
har7010%		0.6769	0.0923	0.2288	0.4663	0.1787
harth1%		0.6097	0.0651	0.1242	0.4296	0.2151
hayes-roth		0.3750	0.4167	0.2790	-0.0458	0.6275
hcc-survival		0.5294	0.4706	0.5352	0.0685	0.9552
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.7419	0.2581	0.7448	0.4855	0.7510
heart-c		0.6667	0.3333	0.6637	0.3243	0.8571
heart-failure		0.8520	0.1480	0.8222	0.6310	0.5370
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hERG-9inputs		0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%		0.5309	0.4691	0.3468	0.0000	0.5229
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.5000	0.2500	0.3778	0.3333	0.2731
ionosphere		0.8000	0.2000	0.7710	0.4394	0.3785
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.9800	0.0200	0.9800	0.9592	0.1023
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.2841	0.1591	0.0975	0.1534	0.3931
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007		0.1521	0.2120	0.0330	0.0000	0.3783
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.7854	0.0187	0.0742	0.6213	0.0721
kepler		0.7542	0.1639	0.5540	0.5826	0.2188
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9000	0.1000	0.8933	0.7867	0.4462
krkopt		0.1626	0.0930	0.0155	0.0000	0.3433
krvskp		0.9122	0.0878	0.9126	0.8235	0.3848
la1s-wc		0.4571	0.1810	0.2331	0.2409	0.3529
la2s-wc		0.4437	0.1854	0.2282	0.2168	0.3550
labor		0.6667	0.3333	0.6250	0.2500	0.8750
led24		0.3000	0.1400	0.0930	0.1765	0.2788
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
leukemia		0.7143	0.1905	0.5528	0.5484	0.2450
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.6765	0.3235	0.4035	0.0000	0.4580
loan		0.9696	0.0304	0.9687	0.9361	0.1901
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.5660	0.0868	0.1412	0.3664	0.1998
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.3750	0.1786	0.1626	0.2000	0.2219
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4014	0.5882	0.2627
lymphoma2		0.5556	0.0988	0.1481	0.3333	0.1709
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.6115	0.3885	0.6116	0.2231	0.9182

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8261	0.6402	0.5767
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.5545	0.2970	0.4598	0.3048	0.4688
math		0.7500	0.1250	0.4164	0.5807	0.2112
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.6667	0.1667	0.6316	0.5556	0.1994
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.5652	0.4348	0.3611	0.0000	0.5133
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.5556	0.2222	0.4555	0.3684	0.4355
meter-D		0.7778	0.1111	0.6252	0.6828	0.2443
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.2000	0.1600	0.0763	0.1111	0.3614
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot		0.2778	0.1806	0.1090	0.1613	0.2709
milk		0.8302	0.1132	0.8152	0.7404	0.3185
mines		0.4412	0.2235	0.2640	0.2870	0.3071
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		0.8831	0.1169	0.8900	0.7675	0.4161
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.5739	0.4261	0.3646	0.0000	0.5103
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.8609	0.1391	0.8665	0.7217	0.4855
NCI60		0.3333	0.2222	0.2564	0.2000	0.2590
nci9		0.0000	0.2222	0.0000	-0.0588	0.3172
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT		0.9048	0.0952	0.8662	0.6957	0.5000
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.8529	0.1471	0.8212	0.6424	0.6015
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.7631	0.0948	0.4789	0.6473	0.1648
obesity		0.2938	0.2018	0.1378	0.1584	0.3976
obs		0.7222	0.1389	0.6742	0.5609	0.1695
occupancy		0.9898	0.0102	0.9860	0.9717	0.1192

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
Occupancy_Estimation		0.8124	0.0938	0.2241	0.0000	0.1814
oh0-wc		0.3564	0.1287	0.1498	0.2152	0.3055
oh10-wc		0.2571	0.1486	0.1198	0.1136	0.3804
oh15-wc		0.3152	0.1370	0.1031	0.1711	0.3819
oh5-wc		0.2418	0.1516	0.1252	0.1026	0.3853
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.4737	0.1170	0.1365	0.2910	0.2287
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
optdigits		0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7222	0.2778	0.7232	0.4450	0.7871
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9031	0.0388	0.1898	0.0000	0.0975
parkinson		0.9583	0.0417	0.9592	0.9151	0.2119
parkinsons		0.7536	0.2464	0.7316	0.4323	0.6884
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle10%		0.8238	0.1762	0.7691	0.5280	0.6417
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia		0.4706	0.1513	0.2259	0.3077	0.2554
pendigits		0.2029	0.1594	0.0710	0.1122	0.3687
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.7813	0.2187	0.7641	0.4944	0.6231
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL10%		0.9970	0.0030	0.9970	0.9939	0.0223
phone-acc0.1%		0.2802	0.2056	0.1559	0.1386	0.4088
phone-gyr0.1%		0.3108	0.1969	0.1417	0.1744	0.3329
phoneme		0.7167	0.2833	0.4175	0.0000	0.4290
phy		0.6650	0.3350	0.6650	0.3299	0.8632
pima		0.6053	0.3947	0.3770	0.0000	0.4977
pirvision		0.8165	0.1224	0.2997	0.0000	0.2067
placement		0.7380	0.2620	0.7337	0.4668	0.7701
plant-growth		0.7895	0.2105	0.8224	0.5870	0.4472
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1001	0.0666	0.0000	0.1726
poker1%		0.4995	0.1001	0.0666	0.0000	0.1727
poker10%		0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9306	0.0694	0.4820	0.0000	0.1724
polya		0.6422	0.3578	0.3910	0.0000	0.4790
popularity		0.6313	0.2458	0.2580	0.0000	0.2921
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc		0.5588	0.4412	0.5598	0.1176	0.9547
prestige		0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor		0.1818	0.0744	0.0140	0.0000	0.3153
profb		0.6716	0.3284	0.4018	0.0000	0.4612

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
promoters			0.7000	0.3000	0.7674	0.4444	0.5112
prostate			0.7857	0.2143	0.8028	0.5333	0.4205
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.5775	0.1690	0.2900	0.3997	0.2956
puc-rio10%			0.5842	0.1663	0.2934	0.4091	0.2860
pufs-128			0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%			0.2426	0.0369	0.0095	0.0000	0.3161
re0-wc			0.5533	0.0687	0.1165	0.3062	0.2746
re1-wc			0.4036	0.0477	0.0503	0.2394	0.2814
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.6120	0.0119	0.0242	0.4286	0.1768
rice			0.9819	0.0181	0.9817	0.9633	0.1163
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
satimage			0.6159	0.1280	0.3707	0.5042	0.2834
satimageF			0.8911	0.1089	0.4712	0.0000	0.2371
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.5714	0.1224	0.3487	0.4474	0.2036
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.2424	0.2165	0.1127	0.1374	0.3736
segmentation			0.7871	0.2129	0.7687	0.5374	0.7066
segmentO			0.8528	0.1472	0.4603	0.0000	0.2903
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.6691	0.1103	0.4455	0.5675	0.1476

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.3676	0.0666	0.0961	0.2712	0.2577
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.7913	0.2087	0.7792	0.5419	0.6440
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.1132	0.0369	0.0042	0.0000	0.3421
splice-EI			0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE			0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles			0.7800	0.2200	0.7641	0.5281	0.7159
squash-stored			0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.6584	0.2277	0.5268	0.4595	0.3187
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9538	0.0462	0.9273	0.8516	0.2615
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.6608	0.2261	0.5684	0.4923	0.1907
streaming			0.9020	0.0980	0.9012	0.8023	0.4289
stress			0.5714	0.1714	0.5050	0.4683	0.2020
student-lifestyle			0.6250	0.1500	0.2762	0.3606	0.3313
student-depression			0.7767	0.2233	0.7672	0.5307	0.7042
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
tae			0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.6773	0.3227	0.4038	0.0000	0.4575
tourist			0.5000	0.1667	0.1212	0.0857	0.2472
tox_171			0.4706	0.2647	0.3269	0.3077	0.2576
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.4634	0.1192	0.1753	0.2382	0.2764
trec12-wc			0.3548	0.1613	0.1492	0.1948	0.3650
trec21-wc			0.6970	0.1010	0.1369	0.0000	0.2028
trec23-wc			0.6667	0.1111	0.2764	0.5100	0.1670
trec31-wc			0.5806	0.1198	0.2221	0.4068	0.2341
trec41-wc			0.4886	0.1023	0.1617	0.3016	0.2373
trec45-wc			0.3913	0.1217	0.1414	0.2502	0.2951
tuandromd			0.9395	0.0605	0.9029	0.8031	0.3463
turkish			0.4000	0.3000	0.2693	0.2000	0.4245
tvnews1%			0.7923	0.2077	0.7745	0.5143	0.5977
tvnews10%			0.7618	0.2382	0.7348	0.4549	0.7177

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.3731	0.1393	0.1226	0.2282	0.2704
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%			0.9245	0.0755	0.9221	0.8375	0.3654
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.3571	0.3214	0.2459	0.1894	0.4207
vehicleVAN			0.7500	0.2500	0.4286	0.0000	0.4011
voice			0.7500	0.2500	0.7252	0.3077	0.4205
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2949	0.0705	0.0420	0.1312	0.3248
warpar10p			0.1538	0.1692	0.0612	0.0833	0.3221
warppie10p			0.1429	0.1714	0.0469	0.0526	0.3808
watch-acc1%			0.2821	0.2051	0.1332	0.1421	0.4124
watch-gyr1%			0.2692	0.2088	0.1196	0.1335	0.3723
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.5560	0.2960	0.4496	0.3332	0.4803
weather-related			0.3558	0.1171	0.1350	0.2113	0.3123
web-phishing			0.8000	0.1333	0.5513	0.6221	0.3391
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc			0.9500	0.0250	0.9511	0.9333	0.0857
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.8824	0.0784	0.8357	0.7821	0.1442
winequality-red			0.5597	0.1468	0.2048	0.2520	0.3395
winequality-white			0.4479	0.1578	0.0884	0.0000	0.2575
wisc_bc			0.8772	0.1228	0.8670	0.7335	0.5056
yeast			0.2365	0.1527	0.0383	0.0000	0.3028
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300

Table 63: Detailed results for GPCD

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0217	0.0932	0.0021	0.0001	0.4022
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9726	0.0274	0.9413	0.8785	0.1617
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_MACCSFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878		0.8095	0.1905	0.5447	0.0437	0.6386
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.9029	0.0971	0.4745	-0.0425	0.6928
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
aids		0.8545	0.1455	0.7886	0.5630	0.5768
air_pollution		0.1000	0.2571	0.0260	0.0000	0.3721
alcohol		0.7524	0.0990	0.2637	0.3917	0.2405
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8558	0.1442	0.8403	0.6798	0.5623
anneal		0.9663	0.0135	0.9674	0.9317	0.1118
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family		0.0097	0.4951	0.0048	0.0000	0.3273
anuran-genus		0.0431	0.2392	0.0103	0.0000	0.2808
anuran-species		0.0153	0.1969	0.0030	0.0000	0.3304
anxiety		0.0833	0.2037	0.0821	-0.0336	0.8277
apple-quality		0.7325	0.2675	0.7338	0.4650	0.7694
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.7556	0.0489	0.5472	0.5892	0.2219
auction		0.8971	0.1029	0.7211	0.3859	0.5057
audiology		0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.7500	0.1000	0.7586	0.6667	0.2594
babies		0.4355	0.1613	0.1831	0.1066	0.4376
balance		0.8710	0.0860	0.6007	0.7578	0.2255
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.9698	0.0302	0.9698	0.9397	0.1825
bio10%		0.9959	0.0041	0.9030	0.7980	0.4348
biodeg		0.8762	0.1238	0.8695	0.7388	0.5111

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
body-perf		0.5873	0.2063	0.5764	0.4498	0.5234
brain-tumor		0.5080	0.4920	0.5079	0.0159	0.9953
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0667	0.6525	0.6970	0.0841
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4890	0.3407	0.2536	-0.0065	0.3863
car		0.2471	0.3764	0.2102	0.0452	0.3101
car-insurance		0.8330	0.1670	0.8021	0.6031	0.6293
card		0.9130	0.0870	0.9108	0.8216	0.3987
cardiotocography		0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp		0.8920	0.0720	0.7995	0.7031	0.3667
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6275	0.5186	0.5086
cas_N6512_cdk_ECFP2		0.7527	0.2473	0.7505	0.5005	0.7461
cas_N6512_rdkit_ATOMPAIR		0.7446	0.2554	0.7427	0.4852	0.7594
cas_N6512_RDkit_AtomPair_FP		0.7439	0.2561	0.7415	0.4814	0.7570
cas_N6512_rdkit_AVALON		0.7711	0.2289	0.7700	0.5400	0.7168
cas_N6512_RDkit_Avalon_FP		0.7929	0.2071	0.7923	0.5843	0.6780
cas_N6512_rdkit_descriptors		0.7523	0.2477	0.7512	0.5023	0.7473
cas_N6512_rdkit_FEATMORGAN		0.7588	0.2412	0.7568	0.5134	0.7368
cas_N6512_RDkit_Featmorgan_FP		0.7607	0.2393	0.7590	0.5180	0.7341
cas_N6512_RDkit_FP		0.7147	0.2853	0.7125	0.4247	0.8026
cas_N6512_rdkit_LAYERED		0.7615	0.2385	0.7604	0.5208	0.7326
cas_N6512_RDkit_Layered_FP		0.7500	0.2500	0.7479	0.4953	0.7503
cas_N6512_rdkit_MACCS		0.7631	0.2369	0.7611	0.5186	0.7211
cas_N6512_RDkit_MACCS_FP		0.7581	0.2419	0.7568	0.5135	0.7383
cas_N6512_rdkit_MORGAN		0.7538	0.2462	0.7517	0.5026	0.7436
cas_N6512_RDkit_morgan_FP		0.7684	0.2316	0.7670	0.5340	0.7216
cas_N6512_rdkit_PATTERN		0.7800	0.2200	0.7790	0.5579	0.7016
cas_N6512_RDkit_pattern_FP		0.7991	0.2009	0.7986	0.5968	0.6663
cas_N6512_rdkit_RDKITFP		0.7250	0.2750	0.7237	0.4473	0.7880
cas_N6512_rdkit_TORSION		0.7266	0.2734	0.7238	0.4465	0.7847
ccds1%		0.9643	0.0357	0.6933	0.1289	0.1053
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8031	0.1969	0.7892	0.5771	0.6746
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5532	0.2040
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9468	0.0532	0.5422	0.0403	0.4723
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.3120	0.3440	0.2870	0.0127	0.3379
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml		0.8727	0.1273	0.6852	0.2946	0.5340
ci900367j_MACCS		0.7158	0.2842	0.6910	0.3794	0.8107
cirrhosis		0.7857	0.1429	0.5337	0.5685	0.3575
cjs		0.1321	0.2893	0.1211	0.0053	0.4404
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7722	0.1139	0.4978	0.6260	0.2943

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4762	0.3492	0.4450	0.1627	0.7563
cnae-9		0.8611	0.0309	0.8192	0.8438	0.0909
coil20		0.9931	0.0007	0.9933	0.9927	0.0048
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.6200	0.0507	0.5118	0.5761	0.1788
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
cottonmeloidogyne		0.7716	0.2284	0.7716	0.5432	0.7149
coupon		0.6814	0.3186	0.6718	0.3421	0.8468
covtypeCD		0.9458	0.0542	0.8789	0.7535	0.3729
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans10%		0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced		0.8802	0.0399	0.6526	0.7442	0.2878
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.2188	0.0488	0.1731	0.1935	0.1586
cybersecurity		0.1633	0.2789	0.0468	0.0000	0.4027
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.5926	0.4074	0.6292	0.0496	0.5062
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8147	0.1853	0.6859	0.3008	0.5989
defect		0.8827	0.1173	0.7477	0.4323	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.6333	0.3667	0.6384	0.2667	0.8705
df_final		0.7500	0.1667	0.7616	0.6098	0.2841
DIA		0.7000	0.3000	0.6175	0.2340	0.8389
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetic1%		0.5882	0.2745	0.4986	0.2472	0.6535
diabetic10%		0.5255	0.3163	0.3468	0.0881	0.6539
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9000	0.0500	0.8599	0.8594	0.1039
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.6250	0.3750	0.6343	0.2603	0.8728
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9217	0.0783	0.7206	0.3677	0.4371
dota210%		0.5680	0.4320	0.5645	0.1283	0.9545
drebin		0.9788	0.0212	0.9775	0.9550	0.1454
dropout		0.7652	0.1565	0.6778	0.6011	0.4577
drug-01		0.4202	0.1657	0.1676	0.0827	0.5155
drug-02		0.5000	0.1429	0.1636	0.1002	0.5435
drug-03		0.6809	0.1064	0.1570	0.0504	0.3490

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-04		0.5213	0.1368	0.2077	0.0826	0.4353
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.2178	0.2469	0.4862
drug-07		0.4521	0.1826	0.1589	0.0622	0.3826
drug-08		0.5638	0.1246	0.2096	0.1267	0.4212
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.2216	0.1488	0.3650
drug-11		0.8511	0.0426	0.1317	0.0277	0.1222
drug-12		0.7872	0.0709	0.1468	-0.0056	0.3023
drug-13		0.6223	0.1079	0.2516	0.2348	0.3682
drug-14		0.6011	0.1140	0.2882	0.2552	0.3949
drug-15		0.7447	0.0729	0.1231	0.0221	0.2863
drug-16		0.6117	0.1294	0.3327	0.3447	0.4135
drug-17		0.3723	0.1793	0.1790	0.1241	0.4899
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7553	0.0699	0.1233	-0.0042	0.2725
drybean		0.1954	0.2299	0.0883	0.0028	0.4046
ecoli		0.8235	0.0588	0.5714	0.7497	0.1717
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.2689	0.0267	0.8337
eeg-eye		0.6028	0.3972	0.5905	0.1695	0.9035
eeg10%		0.0203	0.1225	0.0105	0.0020	0.4088
eucalyptus		0.4521	0.2192	0.4504	0.2831	0.3983
euthyroid		0.9652	0.0348	0.8948	0.7813	0.2675
fakenews		0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads		0.9082	0.0918	0.9081	0.8149	0.3988
fbis-wc		0.8659	0.0158	0.8507	0.8471	0.0910
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7843	0.2157	0.7838	0.5558	0.6604
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.6000	0.1143	0.3777	0.4904	0.3087
forest		0.9231	0.0385	0.9071	0.8932	0.0993
gastrointestinal		0.6875	0.2083	0.6932	0.4805	0.4507
gender		0.6000	0.2667	0.3792	0.1413	0.5118
gene		0.9211	0.0526	0.9088	0.8736	0.2189
german		0.7600	0.2400	0.7248	0.4103	0.6710
gestures		0.3416	0.3292	0.3406	0.1222	0.8006
gina		0.5101	0.4899	0.3378	0.0000	0.5269
gisette		0.9643	0.0357	0.9643	0.9286	0.2074
glass		0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4667	0.2667	0.5311	0.2638	0.4346
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.5793	0.1045	0.7293

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
hayes-roth			0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival			0.6471	0.3529	0.6357	0.2714	0.8868
health-activity			0.7700	0.1150	0.2175	0.0000	0.1937
heart			0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack			0.9032	0.0968	0.9038	0.8058	0.4189
heart-c			0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure			0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum			0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis			0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs			1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%			0.6600	0.3400	0.6573	0.3121	0.8655
higher			0.2143	0.1964	0.0833	0.0888	0.3128
hinselmann			0.7000	0.3000	0.4118	-0.1538	0.8916
hitters			0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa			0.9292	0.0708	0.8711	0.7413	0.4416
hiva			0.9574	0.0426	0.4891	-0.0120	0.5357
horse			0.6667	0.2222	0.6246	0.4293	0.5730
hr			0.8596	0.1404	0.4623	-0.0069	0.4101
htru2			0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid			0.9443	0.0279	0.6118	0.5780	0.3101
hypothyroidT			0.9549	0.0451	0.8202	0.5658	0.1285
ilpd			0.7288	0.2712	0.6138	0.1243	0.6306
immuno-therapy			0.8889	0.1111	0.8333	0.6087	0.2605
instagram			0.3560	0.3220	0.4382	0.1413	0.3692
ionosphere			0.8857	0.1143	0.8674	0.7348	0.5055
iris			0.9333	0.0444	0.9303	0.8980	0.0943
irish			1.0000	0.0000	1.0000	1.0000	0.0000
jm1			0.8127	0.1873	0.6151	0.1315	0.5813
jvowels			0.0783	0.2048	0.0161	0.0000	0.4083
kc1			0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot			0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect			0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF			0.9333	0.0667	0.4828	0.0000	0.1675
kc2			0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007			0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%			0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%			0.9487	0.0513	0.4868	0.0000	0.1382
kepler			0.7584	0.1611	0.5588	0.5926	0.2035
kidney-disease			1.0000	0.0000	1.0000	1.0000	0.0000
krvskp			0.9592	0.0408	0.9597	0.9185	0.2215
la1s-wc			0.8794	0.0402	0.8563	0.8482	0.2260
la2s-wc			0.8775	0.0408	0.8638	0.8456	0.2179
labor			0.8333	0.1667	0.8537	0.6667	0.4644
leaf			0.0294	0.0844	0.0025	0.0000	0.4116
led24			0.7500	0.0556	0.7588	0.7151	0.1364
lenses			1.0000	0.0000	1.0000	1.0000	0.0000
leukemia			1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2			1.0000	0.0000	1.0000	1.0000	0.0000
libra			0.0833	0.1222	0.0103	0.0000	0.4070
liver			0.7647	0.2353	0.7312	0.4625	0.7536
loan			0.9180	0.0820	0.9123	0.8240	0.3820
lrs			0.8113	0.0539	0.4724	0.7355	0.1262
lung			0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete			1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer			0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1			0.9500	0.0200	0.9413	0.8901	0.0447

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
lung-cancer-harvard2			1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan			1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario			0.6667	0.3333	0.7500	0.4000	0.5283
lupus			0.7778	0.2222	0.7750	0.5500	0.7072
lymphography			0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2			1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure			0.8936	0.1064	0.8916	0.7825	0.4564
madelon			0.5731	0.4269	0.5741	0.1462	0.9445
magic04			0.7817	0.2183	0.7523	0.4971	0.7031
malware			1.0000	0.0000	1.0000	1.0000	0.0000
mammography			0.4688	0.5312	0.3191	0.0000	0.5307
marketing			0.9018	0.0982	0.7768	0.5110	0.4530
maternal			0.6337	0.2442	0.6411	0.4348	0.5369
math			0.7500	0.1250	0.7463	0.6040	0.2915
mba			0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders			0.9167	0.0417	0.9270	0.8889	0.0776
mental-health			0.2400	0.3040	0.2439	0.0485	0.8375
messidor			0.7304	0.2696	0.7342	0.4627	0.7633
meter-A			0.6250	0.3750	0.7241	0.3333	0.5283
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.7222	0.1389	0.8003	0.6104	0.2026
meter-D			0.7778	0.1111	0.6350	0.6856	0.1970
mfeat-fac			0.0950	0.1810	0.0174	-0.0056	0.4393
mfeat-fou			0.1100	0.1780	0.0690	0.0111	0.4112
mfeat-kar			0.0900	0.1820	0.0327	-0.0111	0.4638
mfeat-mor			0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix			0.9550	0.0090	0.9562	0.9500	0.0513
mfeat-zer			0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot			0.0833	0.2292	0.0197	-0.0121	0.4581
milk			0.8774	0.0818	0.8811	0.8152	0.2779
mines			0.5294	0.1882	0.4915	0.4081	0.4161
mobile			0.0175	0.0351	0.0006	0.0000	0.4276
monks-1			0.6182	0.3818	0.6203	0.2326	0.8914
monks-2			0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3			0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
musk			0.9394	0.0606	0.8768	0.7290	0.2385
MUT_ci300400a_cdk_ECFP2			0.7974	0.2026	0.7899	0.5780	0.6708
MUT_ci300400a_cdk_ECFP4			0.8012	0.1988	0.7947	0.5890	0.6679
MUT_ci300400a_cdk_ECFP6			0.7617	0.2383	0.7527	0.5040	0.7347
MUT_ci300400a_cdk_ESTATE			0.7290	0.2710	0.7196	0.4387	0.7871
MUT_ci300400a_cdk_EXTENDED			0.7914	0.2086	0.7850	0.5699	0.6866
MUT_ci300400a_cdk_FCFP2			0.7796	0.2204	0.7724	0.5445	0.7072
MUT_ci300400a_cdk_FCFP4			0.7890	0.2110	0.7816	0.5625	0.6894
MUT_ci300400a_cdk_FCFP6			0.7962	0.2038	0.7904	0.5808	0.6779
MUT_ci300400a_cdk_MACCS			0.7590	0.2410	0.7491	0.4947	0.7346
MUT_ci300400a_cdk_PUBCHEM			0.8395	0.1605	0.8339	0.6669	0.5860
MUT_ci300400a_cdk_STANDARD			0.7880	0.2120	0.7826	0.5652	0.6923
MUT_ci300400a_rdkit_descriptors			0.7845	0.2155	0.7785	0.5566	0.6967
myocardial			0.8882	0.0279	0.3707	0.4690	0.0925
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits			0.4722	0.3519	0.2572	-0.0729	0.5653
nursery			0.9159	0.0421	0.6959	0.8754	0.1260

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
obesity		0.7156	0.0812	0.7076	0.6680	0.2797
obs		0.1481	0.4259	0.0645	0.0000	0.3807
occupancy		0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation		0.0691	0.4654	0.0749	0.0017	0.3282
oh0-wc		0.0594	0.1881	0.0118	0.0005	0.4081
oh10-wc		0.7524	0.0495	0.7034	0.7172	0.2158
oh15-wc		0.7174	0.0565	0.6823	0.6788	0.2715
oh5-wc		0.8132	0.0374	0.8187	0.7888	0.1728
olive		0.0877	0.2027	0.0182	0.0003	0.3740
opn310k10%		0.9133	0.0867	0.6366	0.0549	0.2693
optdigits		0.1085	0.1783	0.0196	0.0000	0.4054
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr		0.0751	0.9249	0.0699	0.0000	0.1868
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8093	0.1907	0.7938	0.5858	0.6651
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8730	0.1270	0.8725	0.7450	0.5060
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.0183	0.3927	0.0072	0.0000	0.1151
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.7962	0.2038	0.7909	0.5784	0.6736
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle10%		0.8646	0.1354	0.8260	0.6471	0.5521
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4742	0.5258	0.4651	-0.0697	1.0000
pcos		0.8000	0.2000	0.4444	0.0000	0.3522
pd		0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia		0.7647	0.0672	0.6748	0.7091	0.2028
pendigits		0.0965	0.1807	0.0483	0.0009	0.4205
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.8017	0.1983	0.7870	0.5736	0.6747
pet-adoption		0.9200	0.0800	0.9103	0.8088	0.2835
phishing		0.9633	0.0367	0.9614	0.9225	0.2075
phone-acc0.1%		0.1409	0.2455	0.0353	0.0000	0.4031
phone-gyr0.1%		0.1156	0.2527	0.0476	-0.0064	0.4705
phoneme		0.7593	0.2407	0.6882	0.3725	0.7782
pima		0.6974	0.3026	0.6735	0.3063	0.7532
placement		0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth		0.8947	0.1053	0.8944	0.7889	0.4478
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4917	0.1452	0.1310	-0.0093	0.2590
polish-1st		0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd		0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd		0.9514	0.0486	0.5683	0.0325	0.3073
polish-4th		0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th		0.9306	0.0694	0.6122	0.1119	0.4175
polya		0.7859	0.2141	0.7608	0.5168	0.6994
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc		0.6324	0.3676	0.6338	0.2647	0.8906
prestige		0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor		0.5152	0.0746	0.4355	0.4618	0.2281
profb		0.8060	0.1940	0.7711	0.5330	0.6591
promoters		0.8000	0.2000	0.8077	0.5455	0.4011
prostate		0.8571	0.1429	0.8542	0.7083	0.5487

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%			0.5311	0.1876	0.4500	0.4079	0.3913
pufs-641%			0.5021	0.4979	0.5021	0.0042	0.9988
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc			0.0200	0.1508	0.0031	0.0003	0.3593
re1-wc			0.0120	0.0790	0.0010	-0.0009	0.3606
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6038	0.3962	0.5735	0.1421	0.9265
satimage			0.2302	0.2566	0.0624	0.0000	0.3816
satimageF			0.9844	0.0156	0.9595	0.9188	0.1877
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.7792	0.0631	0.7435	0.7417	0.1664
segmentation			0.8168	0.1832	0.7977	0.5945	0.6489
segmentO			0.1472	0.8528	0.1283	0.0000	0.3180
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8553	0.1447	0.5273	0.0288	0.6297
sens-3-gram			0.8026	0.1974	0.5645	0.1290	0.7676
sens-4-gram			0.8184	0.1816	0.5924	0.1847	0.7574
sens-5-gram			0.8447	0.1553	0.5925	0.1733	0.7347
sens-6-gram			0.8421	0.1579	0.5196	0.0290	0.7247
shoppers			0.8856	0.1144	0.7440	0.4269	0.4764
sick			0.9576	0.0424	0.8062	0.5974	0.4224
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.1400	0.4300	0.1340	-0.1473	0.8783
smk_can_187			0.7895	0.2105	0.7889	0.5778	0.6844
soil_pollution			0.2033	0.3187	0.2056	0.0026	0.8626
solar-flare			0.7554	0.0815	0.6869	0.6850	0.1857
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection			0.9430	0.0570	0.8110	0.6114	0.4556
spambase			0.9130	0.0870	0.9089	0.8150	0.3758
spect			0.8400	0.1600	0.7253	0.2857	0.3145
spectf			0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer			0.0192	0.0727	0.0014	0.0000	0.4054
splice-EI			0.9558	0.0442	0.9434	0.8858	0.3029
splice-IE			0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles			0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel-b			0.8256	0.1744	0.7006	0.3742	0.6660
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.7590	0.2410	0.7225	0.4065	0.6756

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-p			0.9282	0.0718	0.7214	0.4253	0.5579
steel-s			0.0410	0.9590	0.0394	0.0000	0.1091
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stock			0.9167	0.0833	0.8521	0.7004	0.4623
stockb			0.9339	0.0441	0.9340	0.9009	0.1419
streaming			0.8000	0.2000	0.7975	0.5949	0.6667
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.0050	0.3980	0.0020	0.0000	0.3591
student-habits			0.4200	0.2320	0.1934	0.0791	0.4586
student-weekend			0.3385	0.2646	0.2131	0.0848	0.7165
student-workday			0.6719	0.1313	0.1686	0.1046	0.4707
studentap			0.5385	0.3077	0.5750	0.2642	0.4771
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.9020	0.0980	0.8726	0.7449	0.4736
texture			0.0818	0.1669	0.0141	-0.0030	0.4364
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9050	0.0950	0.8743	0.7484	0.4854
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.1000	0.5250	0.6364	0.1042
tox_171			0.8824	0.0588	0.9083	0.8440	0.0951
toxicity			0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.9024	0.0217	0.7192	0.8783	0.0628
trec12-wc			0.9032	0.0242	0.9147	0.8824	0.0654
trec21-wc			0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc			0.7619	0.0794	0.7513	0.6769	0.2008
trec31-wc			0.9677	0.0108	0.9617	0.9570	0.0445
trec41-wc			0.8750	0.0250	0.7459	0.8451	0.1187
trec45-wc			0.8261	0.0348	0.7401	0.7970	0.1583
tuandromd			0.9818	0.0182	0.9711	0.9422	0.1819
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews1%			0.9308	0.0692	0.9261	0.8520	0.3518
tvnews10%			0.9013	0.0987	0.8929	0.7844	0.4294
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.5373	0.1028	0.3929	0.4551	0.2621
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7500	0.1250	0.7316	0.6658	0.2148
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.4141	0.1065	0.3251	0.3556	0.2512
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.8141	0.0186	0.5822	0.7911	0.1077
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
water_pollution			0.2533	0.3733	0.2752	-0.0033	0.6823
waveform			0.8520	0.0987	0.8521	0.7780	0.3485
weather-related			0.9596	0.0073	0.9599	0.9542	0.0495
web-phishing			0.8148	0.1235	0.5642	0.6533	0.3988

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.2500	0.3750	0.1000	0.0000	0.4042
wilt			0.9545	0.0455	0.6776	0.2518	0.3790
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6038	0.1321	0.2741	0.3398	0.3671
winequality-white			0.5194	0.1602	0.2848	0.2119	0.4562
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.4662	0.1186	0.2387	0.2972	0.4107
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018

Table 64: Detailed results for GPCM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1494	0.0810	0.1030	0.0549	0.4962
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accident		0.4500	0.5500	0.4497	-0.1000	1.0000
ads		0.9573	0.0427	0.9070	0.8013	0.2025
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
aids		0.8357	0.1643	0.7558	0.4764	0.5784
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
alcohol		0.6952	0.1219	0.1650	0.0158	0.2226
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8698	0.1302	0.8554	0.7027	0.4913
anneal		0.7528	0.0989	0.3223	0.2273	0.1945
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9930	0.0070	0.7359	0.2840	0.0285
anuran-family		0.9777	0.0111	0.9413	0.9574	0.0514
anuran-genus		0.9777	0.0056	0.9310	0.9633	0.0440
anuran-species		0.9792	0.0042	0.9552	0.9709	0.0281
anxiety		0.1167	0.1963	0.0417	-0.0047	0.4818
apple-quality		0.8825	0.1175	0.8829	0.7650	0.4769
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7500	0.2500	0.7354	0.4681	0.7547
arrhythmia		0.5556	0.0889	0.0714	0.0000	0.2612
auction		0.8971	0.1029	0.7216	0.3273	0.3784
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9857	0.0143	0.9820	0.9633	0.0649
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.4500	0.2200	0.2571	0.2143	0.3506
babies		0.4839	0.1475	0.1583	0.1785	0.3624
balance		0.9032	0.0645	0.6228	0.8178	0.1771
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9078	0.0922	0.9009	0.7918	0.3460
basehock		0.9447	0.0553	0.9449	0.8895	0.2828
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		0.9524	0.0476	0.9507	0.8966	0.1761

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
body-perf		0.6799	0.1601	0.6784	0.5731	0.4638
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue		0.5455	0.1515	0.3231	0.4211	0.1999
bridges		0.5000	0.1667	0.1111	0.0000	0.3136
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8678	0.0661	0.4296	0.7032	0.1784
car-insurance		0.8400	0.1600	0.8101	0.6187	0.6123
card		0.8406	0.1594	0.8355	0.6681	0.5759
cardiotocography		0.7606	0.0479	0.6252	0.7073	0.2107
cardiotocography-nsp		0.8967	0.0689	0.8094	0.6865	0.2602
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6121	0.4799	0.5538
cas_N6512_cdk_ECFP2		0.7527	0.2473	0.7516	0.5032	0.7465
cas_N6512_rdkit_ATOMPAIR		0.7354	0.2646	0.7338	0.4676	0.7733
cas_N6512_RDkit_AtomPair_FP		0.7500	0.2500	0.7479	0.4950	0.7499
cas_N6512_rdkit_AVALON		0.7942	0.2058	0.7927	0.5854	0.6765
cas_N6512_RDkit_Avalon_FP		0.8206	0.1794	0.8197	0.6394	0.6254
cas_N6512_rdkit_descriptors		0.7908	0.2092	0.7897	0.5794	0.6826
cas_N6512_rdkit_FEATMORGAN		0.7496	0.2504	0.7473	0.4936	0.7497
cas_N6512_RDkit_Featmorgan_FP		0.7822	0.2178	0.7806	0.5610	0.6977
cas_N6512_RDkit_FP		0.7531	0.2469	0.7511	0.5019	0.7460
cas_N6512_rdkit_LAYERED		0.7738	0.2262	0.7729	0.5458	0.7119
cas_N6512_RDkit_Layered_FP		0.7531	0.2469	0.7510	0.5014	0.7454
cas_N6512_rdkit_MACCS		0.7938	0.2062	0.7921	0.5823	0.6715
cas_N6512_RDkit_MACCS_FP		0.7858	0.2142	0.7852	0.5700	0.6907
cas_N6512_rdkit_MORGAN		0.8031	0.1969	0.8017	0.6013	0.6536
cas_N6512_RDkit_morgan_FP		0.7761	0.2239	0.7742	0.5474	0.7060
cas_N6512_rdkit_PATTERN		0.7646	0.2354	0.7642	0.5279	0.7263
cas_N6512_RDkit_pattern_FP		0.7699	0.2301	0.7696	0.5387	0.7173
cas_N6512_rdkit_RDKITFP		0.7942	0.2058	0.7926	0.5850	0.6757
cas_N6512_rdkit_TORSION		0.7484	0.2516	0.7466	0.4931	0.7539
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7979	0.2021	0.7712	0.5305	0.6587
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8540	0.1460	0.7473	0.4622	0.5776
churn-bigml		0.9064	0.0936	0.7925	0.4889	0.2217
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
cirrhosis		0.7143	0.1905	0.4812	0.4085	0.4137
cjs		0.9536	0.0155	0.9459	0.9433	0.0759
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8324	0.0838	0.5949	0.7295	0.2412
climate		0.9259	0.0741	0.4808	0.0000	0.1808

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5238	0.3175	0.4935	0.2435	0.7241
cnae-9		0.8241	0.0391	0.8429	0.8021	0.1709
coil20		0.9792	0.0021	0.9799	0.9781	0.0145
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7241	0.2759	0.6748	0.2883	0.6939
colposcopies-2		0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3		0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6552	0.3448	0.6656	0.2995	0.7967
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne		0.7861	0.2139	0.7863	0.5722	0.6889
coupon		0.7437	0.2563	0.7364	0.4704	0.7595
covtypeCD		0.9811	0.0189	0.9591	0.9172	0.1505
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
cryotherapy		1.0000	0.0000	1.0000	1.0000	0.0000
cultivars		0.1562	0.0527	0.0781	0.1290	0.2002
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands		0.7407	0.2593	0.7350	0.4449	0.7087
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
defect		0.8920	0.1080	0.7754	0.4607	0.3273
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8919	0.0360	0.7600	0.8632	0.0983
desharnais		0.5000	0.3333	0.3366	0.0303	0.5178
dexter		0.4333	0.5667	0.4137	-0.1333	0.9840
df_final		0.6875	0.2083	0.5238	0.5000	0.3294
DIA		0.7833	0.2167	0.6918	0.1875	0.3769
diabetes		0.9423	0.0577	0.9400	0.8793	0.3074
diabetic1%		0.5490	0.3007	0.3727	0.0328	0.4017
diabetic10%		0.5737	0.2842	0.4162	0.1509	0.5361
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9333	0.0333	0.9000	0.9067	0.0654
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.4167	0.5833	0.4000	-0.2000	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota210%		0.5806	0.4194	0.5767	0.1513	0.9416
drebin		0.9788	0.0212	0.9775	0.9548	0.1336
dropout		0.7720	0.1520	0.6851	0.6080	0.4225
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.1288	0.0593	0.3675
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5266	0.1353	0.1124	0.0415	0.3501
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.2217	0.2751	0.3803
drug-07		0.4309	0.1897	0.1004	0.0000	0.2655

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-08		0.5479	0.1292	0.1051	0.0447	0.3135
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.1538	0.1375	0.3501
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6277	0.1064	0.1768	0.2366	0.3138
drug-14		0.5851	0.1185	0.2159	0.2185	0.3937
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5745	0.1418	0.2034	0.2235	0.3361
drug-17		0.3564	0.1839	0.1772	0.0961	0.4560
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9243	0.0216	0.9379	0.9085	0.1239
ecoli		0.7647	0.0784	0.5206	0.6600	0.2198
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8254	0.6393	0.5094
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg-eye		0.8758	0.1242	0.8743	0.7481	0.4966
eeg10%		0.3824	0.0772	0.3436	0.3096	0.5255
eucalyptus		0.6027	0.1589	0.4989	0.4624	0.2844
euthyroid		0.9557	0.0443	0.8637	0.6866	0.1290
fakenews		0.5025	0.4975	0.5024	0.0048	0.9986
farm-ads		0.8913	0.1087	0.8961	0.7789	0.3774
fbis-wc		0.5650	0.0512	0.2811	0.4786	0.2452
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6275	0.3725	0.6190	0.2204	0.8673
fishcatch		0.8125	0.0625	0.6339	0.7500	0.0961
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.6731	0.1635	0.7390	0.5410	0.1738
gastrointestinal		0.7500	0.1667	0.7444	0.6000	0.3731
gender		0.6042	0.2639	0.3812	0.1445	0.5065
gene		0.9180	0.0547	0.9051	0.8671	0.2312
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.4212	0.2894	0.3144	0.2274	0.4023
gina		0.8646	0.1354	0.8674	0.7283	0.4972
gisette		0.9586	0.0414	0.9589	0.9171	0.2246
glass		0.6667	0.1111	0.4018	0.5000	0.2571
glass-g2		0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.2222	0.2593	0.2143	0.1127	0.3659
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hayes-roth		0.4375	0.3750	0.4950	0.0769	0.5872
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8090	0.5994	0.5812

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
heart-attack			0.9032	0.0968	0.9026	0.8034	0.4121
heart-c			0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure			0.9720	0.0280	0.9673	0.9343	0.1697
heart-quantum			0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis			0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%			0.6736	0.3264	0.6712	0.3393	0.8484
higher			0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann			0.8000	0.2000	0.4444	0.0000	0.3522
hitters			0.8438	0.1562	0.8477	0.6825	0.5231
hiv1-proteasa			0.9022	0.0978	0.8089	0.5775	0.3983
hiva			0.9645	0.0355	0.4910	0.0000	0.1045
horse			0.5556	0.2963	0.3499	0.1166	0.4893
hr			0.8632	0.1368	0.4633	0.0000	0.2767
htru2			0.9793	0.0207	0.9351	0.8659	0.1634
hypothyroid			0.9310	0.0345	0.4458	0.4049	0.1508
hypothyroidT			0.9443	0.0557	0.7702	0.4129	0.1492
ilpd			0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy			0.7778	0.2222	0.4375	0.0000	0.3750
instagram			0.9500	0.0250	0.9509	0.9333	0.1033
ionosphere			0.9143	0.0857	0.8990	0.7961	0.3975
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.8562	0.0111	0.8741	0.8505	0.1111
jm1			0.8237	0.1763	0.6536	0.2231	0.5911
jvowels			0.9749	0.0056	0.9735	0.9715	0.0417
kc1			0.8815	0.1185	0.7403	0.3730	0.3783
kc1-class-level-defectiveornot			0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect			0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF			0.9333	0.0667	0.4828	0.0000	0.1675
kc2			0.7692	0.2308	0.6059	0.2020	0.8009
kddcup981%			0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%			0.9298	0.0702	0.4818	-0.0284	0.6486
kepler			0.8556	0.0962	0.8051	0.7603	0.2416
kidney-disease			0.9500	0.0500	0.9479	0.8904	0.1808
krvskp			0.9781	0.0219	0.9783	0.9561	0.1358
la1s-wc			0.6825	0.1058	0.6435	0.5909	0.3778
la2s-wc			0.7152	0.0949	0.6245	0.6268	0.3204
labor			0.8333	0.1667	0.8537	0.6667	0.4644
leaf			0.1176	0.0767	0.0254	0.0744	0.3294
led24			0.1500	0.1889	0.0290	0.0000	0.3934
lenses			0.3333	0.4444	0.1667	0.0000	0.4167
leukemia			0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2			0.8571	0.1429	0.8654	0.6957	0.3522
libra			0.3056	0.0926	0.3021	0.2586	0.2495
liver			0.8235	0.1765	0.7984	0.5968	0.6488
loan			0.9391	0.0609	0.9349	0.8694	0.3085
lrs			0.8302	0.0485	0.5166	0.7603	0.1379
lung			0.0476	0.3810	0.0182	0.0000	0.2983
lung_discrete			1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer			0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1			0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2			0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan			1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario			0.6667	0.3333	0.7500	0.4000	0.5283
lupus			0.8889	0.1111	0.8953	0.7692	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
lymphography			0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2			0.1111	0.2963	0.0333	0.0000	0.3682
machine-failure			0.9149	0.0851	0.9124	0.8247	0.3936
madelon			0.6346	0.3654	0.6355	0.2692	0.8913
magic04			0.8659	0.1341	0.8502	0.6945	0.5135
malware			1.0000	0.0000	1.0000	1.0000	0.0000
mammography			0.8333	0.1667	0.8325	0.6645	0.5960
marketing			0.8839	0.1161	0.7370	0.3147	0.2531
maternal			0.6436	0.2376	0.6483	0.4501	0.5235
math			0.6500	0.1750	0.3619	0.4080	0.2715
mba			0.8177	0.1215	0.3566	0.0482	0.3822
mental-disorders			0.5000	0.2500	0.3333	0.3333	0.3228
mental-health			0.2067	0.3173	0.0685	0.0000	0.4010
messidor			0.6696	0.3304	0.6655	0.3308	0.8589
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.7222	0.1389	0.8125	0.6070	0.1886
meter-D			0.7222	0.1389	0.5919	0.6000	0.2616
mfeat-fac			0.9750	0.0050	0.9755	0.9722	0.0313
mfeat-fou			0.7850	0.0430	0.7842	0.7611	0.1751
mfeat-kar			0.9650	0.0070	0.9657	0.9611	0.0443
mfeat-mor			0.7250	0.0550	0.7278	0.6944	0.1841
mfeat-pix			0.9750	0.0050	0.9758	0.9722	0.0313
mfeat-zer			0.7900	0.0420	0.7866	0.7667	0.1424
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.9434	0.0377	0.9337	0.9131	0.1271
mines			0.5588	0.1765	0.4172	0.4426	0.3000
mobile			0.4825	0.0185	0.4208	0.4731	0.1757
monks-1			0.7455	0.2545	0.7457	0.4901	0.7537
monks-2			0.8197	0.1803	0.8078	0.5438	0.3685
monks-3			0.9464	0.0536	0.9467	0.8929	0.2762
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.9988	0.0012	0.9988	0.9975	0.0115
musk			0.9318	0.0682	0.8607	0.6848	0.2247
MUT_ci300400a_cdk_ECFP2			0.8058	0.1942	0.7988	0.5963	0.6560
MUT_ci300400a_cdk_ECFP4			0.8144	0.1856	0.8082	0.6161	0.6420
MUT_ci300400a_cdk_ECFP6			0.7665	0.2335	0.7572	0.5111	0.7224
MUT_ci300400a_cdk_ESTATE			0.7782	0.2218	0.7695	0.5357	0.7023
MUT_ci300400a_cdk_EXTENDED			0.8141	0.1859	0.8079	0.6152	0.6416
MUT_ci300400a_cdk_FCFP2			0.8204	0.1796	0.8140	0.6268	0.6270
MUT_ci300400a_cdk_FCFP4			0.7854	0.2146	0.7777	0.5545	0.6953
MUT_ci300400a_cdk_FCFP6			0.8058	0.1942	0.7988	0.5963	0.6560
MUT_ci300400a_cdk_MACCS			0.8094	0.1906	0.8023	0.6010	0.6415
MUT_ci300400a_cdk_PUBCHEM			0.8431	0.1569	0.8377	0.6742	0.5774
MUT_ci300400a_cdk_STANDARD			0.7940	0.2060	0.7860	0.5685	0.6721
MUT_ci300400a_rdkit_descriptors			0.8283	0.1717	0.8241	0.6480	0.6128
myocardial			0.8412	0.0397	0.1142	0.0000	0.1264
NCI60			0.5000	0.1667	0.4000	0.4000	0.1569
nci9			0.1667	0.2778	0.0476	0.0000	0.4024
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction			0.9736	0.0264	0.9495	0.8938	0.0930
NPHA-doctor-visits			0.5278	0.3148	0.2303	0.0000	0.3630
nursery			0.9660	0.0170	0.8656	0.9498	0.0538
obesity			0.7630	0.0677	0.7775	0.7229	0.2085
obs			0.8981	0.0509	0.9181	0.8462	0.1459
occupancy			0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation			0.9872	0.0064	0.9609	0.9610	0.0658

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
oh0-wc		0.2475	0.1505	0.1669	0.1097	0.4598
oh10-wc		0.2667	0.1467	0.2222	0.1676	0.5607
oh15-wc		0.2174	0.1565	0.2036	0.0745	0.5186
oh5-wc		0.2747	0.1451	0.2972	0.1650	0.4345
olive		0.8246	0.0390	0.6061	0.7783	0.0812
opn310k10%		0.9133	0.0867	0.6659	0.0385	0.2026
optdigits		0.9644	0.0071	0.9666	0.9604	0.0490
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.9000	0.0050	0.8899	0.8974	0.0240
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8093	0.1907	0.7806	0.5539	0.6523
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%		0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks		0.9616	0.0154	0.6642	0.7580	0.1680
parkinson		0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons		0.8104	0.1896	0.7957	0.5893	0.6523
parkinsons-small		0.7368	0.2632	0.4242	0.0000	0.4125
particle10%		0.8923	0.1077	0.8647	0.7288	0.4944
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9369	0.0631	0.7116	0.2096	0.1619
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia		0.2353	0.2185	0.0544	0.0000	0.3686
pendigits		0.9864	0.0027	0.9865	0.9848	0.0238
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.8251	0.1749	0.8110	0.6202	0.6230
pet-adoption		0.8900	0.1100	0.8739	0.7371	0.4189
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
phone-acc0.1%		0.7320	0.0766	0.7029	0.6861	0.2772
phone-gyr0.1%		0.7609	0.0683	0.7420	0.7196	0.2752
phoneme		0.8815	0.1185	0.8515	0.7023	0.5230
pima		0.7237	0.2763	0.7042	0.3746	0.7278
placement		0.8000	0.2000	0.7936	0.5865	0.6687
plant-growth		0.7368	0.2632	0.7360	0.4693	0.7643
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.5512	0.1282	0.1606	0.1308	0.2888
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9391	0.0609	0.6952	0.2616	0.3376
polya		0.7870	0.2130	0.7610	0.5142	0.6895
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc		0.6324	0.3676	0.6329	0.2647	0.8956
prestige		0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor		0.1818	0.1259	0.0318	0.0430	0.3397
profb		0.6716	0.3284	0.4018	0.0000	0.4612
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate		0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE		1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%		0.9765	0.0094	0.9632	0.9684	0.0575
pufs-641%		0.4917	0.5083	0.4917	-0.0167	1.0000
pulsar		0.9816	0.0184	0.9433	0.8831	0.1457

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.6133	0.0595	0.2125	0.4078	0.2453
re1-wc			0.4217	0.0463	0.0997	0.2693	0.3046
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.9863	0.0137	0.9861	0.9722	0.0970
rnaseq			0.0875	0.3650	0.0322	0.0000	0.4005
rocket			0.6763	0.3237	0.6593	0.3167	0.8562
satimage			0.8818	0.0394	0.8644	0.8535	0.1767
satimageF			0.9907	0.0093	0.9757	0.9513	0.1170
satimageT			0.9393	0.0607	0.8097	0.5839	0.3617
scadi			0.5714	0.1714	0.4346	0.4474	0.2170
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9221	0.0223	0.9302	0.9089	0.0863
segmentation			0.8267	0.1733	0.8087	0.6164	0.6280
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9748	0.0252	0.9274	0.8437	0.0852
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.1316	0.8684	0.1163	0.0000	0.2931
shoppers			0.8889	0.1111	0.7536	0.4613	0.4964
sick			0.9469	0.0530	0.7342	0.3563	0.2944
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin10%			0.9984	0.0016	0.9975	0.9951	0.0313
smarket			0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.6842	0.3158	0.6833	0.3667	0.8414
soil_pollution			0.1700	0.3320	0.0979	-0.0462	0.5560
solar-flare			0.7482	0.0839	0.5430	0.6732	0.1910
sonar			0.5500	0.4500	0.5525	0.1000	0.9473
soybean			0.6029	0.0418	0.2026	0.5464	0.1721
spam-detection			0.9530	0.0470	0.8535	0.7057	0.4402
spambase			0.9174	0.0826	0.9133	0.8249	0.3700
spect			0.8000	0.2000	0.4444	0.0000	0.3522
spectf			0.8000	0.2000	0.7515	0.3797	0.3716
spectrometer			0.2500	0.0556	0.0601	0.1779	0.2778
splice-EI			0.9369	0.0631	0.9149	0.8209	0.2608
splice-IE			0.8612	0.1388	0.7930	0.5445	0.4765
sport-articles			0.8500	0.1500	0.8383	0.6764	0.5756
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			0.9462	0.0538	0.9425	0.8784	0.1858
steel-b			0.8410	0.1590	0.7334	0.4471	0.6375
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9795	0.0205	0.9682	0.9359	0.1450
steel-o			0.8000	0.2000	0.7722	0.5325	0.6559
steel-p			0.9179	0.0821	0.6063	0.0946	0.4184
steel-s			0.9846	0.0154	0.8934	0.7617	0.0555
steel-z			0.9641	0.0359	0.8957	0.7910	0.3671

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stock			0.8819	0.1181	0.7760	0.5045	0.4639
stockb			0.9824	0.0117	0.9824	0.9736	0.0530
streaming			0.8840	0.1160	0.8831	0.7661	0.4789
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6250	0.1500	0.3449	0.3779	0.4109
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3846	0.2462	0.1542	0.0406	0.4542
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.3544	0.1250	0.4353
tae			0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn			0.9020	0.0980	0.8705	0.7376	0.4508
texture			0.9764	0.0043	0.9777	0.9739	0.0345
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			0.9579	0.0421	0.9535	0.9028	0.1545
tis			0.8945	0.1055	0.8518	0.6943	0.4574
tis10%			0.7836	0.2164	0.6874	0.1721	0.3758
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1500	0.2947	0.3684	0.1963
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.6088	0.1877	0.7707
trec11-wc			0.3659	0.1409	0.1138	0.0904	0.3147
trec12-wc			0.3226	0.1694	0.1209	0.0565	0.3590
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.5806	0.1398	0.3676	0.3880	0.3863
trec41-wc			0.5341	0.0932	0.2549	0.3959	0.2768
trec45-wc			0.3768	0.1246	0.1995	0.2303	0.3674
tuandromd			0.9909	0.0091	0.9854	0.9708	0.0993
turkish			0.8500	0.0750	0.8491	0.8000	0.2009
tvnews1%			0.8923	0.1077	0.8839	0.7605	0.4199
tvnews10%			0.8913	0.1087	0.8820	0.7628	0.4617
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7164	0.0630	0.6851	0.6645	0.2003
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7738	0.1131	0.7332	0.6944	0.2336
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.9535	0.0465	0.9555	0.9071	0.2027
vowel			0.3535	0.1175	0.3397	0.2889	0.2602
vowelZ			0.9293	0.0707	0.7480	0.3419	0.1774
wap-wc			0.5192	0.0481	0.2995	0.4301	0.2727
warpar10p			0.3077	0.1385	0.3288	0.2452	0.2871
warppie10p			0.8571	0.0286	0.8927	0.8409	0.0687
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8500	0.1000	0.8504	0.7750	0.3502
weather-related			0.9596	0.0073	0.9620	0.9542	0.0538
web-phishing			0.8370	0.1086	0.5777	0.6944	0.2849
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.5000	0.5000	0.3333	-0.2857	1.0000
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0254

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9752	0.0248	0.8524	0.6552	0.0810
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6164	0.1279	0.2790	0.3667	0.3792
winequality-white			0.5706	0.1431	0.2837	0.3191	0.4283
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.3125	0.0917	0.3158	0.2667	0.2821
yeast			0.5338	0.1036	0.2666	0.3841	0.3630
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300

Table 65: Detailed results for GPCR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1566	0.0803	0.1111	0.0628	0.4963
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accident		0.4000	0.6000	0.4000	-0.2000	1.0000
ads		0.9573	0.0427	0.9070	0.8013	0.2025
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
aids		0.8404	0.1596	0.7638	0.4952	0.5706
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
alcohol		0.6952	0.1219	0.1669	0.0460	0.2192
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.8744	0.1256	0.8609	0.7124	0.4702
anneal		0.8764	0.0494	0.5624	0.7078	0.1773
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9708	0.0146	0.7263	0.9438	0.0591
anuran-genus		0.9722	0.0070	0.8275	0.9540	0.0429
anuran-species		0.9708	0.0058	0.8607	0.9592	0.0349
anxiety		0.1167	0.1963	0.0417	-0.0047	0.4818
apple-quality		0.8875	0.1125	0.8877	0.7750	0.4648
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia		0.5556	0.0889	0.0714	0.0000	0.2612
auction		0.8922	0.1078	0.7009	0.3117	0.4664
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9857	0.0143	0.9820	0.9633	0.0649
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.5500	0.1800	0.2990	0.3571	0.2982
babies		0.4677	0.1521	0.1538	0.1559	0.4010
balance		0.9032	0.0645	0.6228	0.8178	0.1771
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9101	0.0899	0.9033	0.7973	0.3414
basehock		0.9548	0.0452	0.9548	0.9095	0.2468
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
body-perf		0.6791	0.1604	0.6772	0.5721	0.4673

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.8182	0.0606	0.7738	0.7800	0.0411
bridges		0.6000	0.1333	0.2917	0.2593	0.2456
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8851	0.0575	0.5952	0.7453	0.2574
car-insurance		0.8410	0.1590	0.8109	0.6200	0.6088
card		0.8406	0.1594	0.8355	0.6681	0.5759
cardiotocography		0.7653	0.0469	0.6330	0.7135	0.2016
cardiotocography-nsp		0.8920	0.0720	0.8037	0.6753	0.2774
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6058	0.4902	0.5443
cas_N6512_cdk_ECFP2		0.7588	0.2412	0.7578	0.5155	0.7368
cas_N6512_rdkit_ATOMPAIR		0.7338	0.2662	0.7321	0.4641	0.7757
cas_N6512_RDkit_AtomPair_FP		0.7577	0.2423	0.7556	0.5104	0.7375
cas_N6512_rdkit_AVALON		0.7926	0.2074	0.7912	0.5824	0.6794
cas_N6512_RDkit_Avalon_FP		0.8160	0.1840	0.8153	0.6304	0.6343
cas_N6512_rdkit_descriptors		0.7831	0.2169	0.7825	0.5647	0.6954
cas_N6512_rdkit_FEATMORGAN		0.7512	0.2488	0.7490	0.4975	0.7487
cas_N6512_RDkit_Featmorgan_FP		0.7883	0.2117	0.7868	0.5734	0.6867
cas_N6512_RDkit_FP		0.7561	0.2439	0.7543	0.5086	0.7415
cas_N6512_rdkit_LAYERED		0.7785	0.2215	0.7777	0.5551	0.7039
cas_N6512_RDkit_Layered_FP		0.7561	0.2439	0.7543	0.5083	0.7413
cas_N6512_rdkit_MACCS		0.7923	0.2077	0.7906	0.5793	0.6749
cas_N6512_RDkit_MACCS_FP		0.7889	0.2111	0.7881	0.5759	0.6855
cas_N6512_rdkit_MORGAN		0.8046	0.1954	0.8032	0.6046	0.6511
cas_N6512_RDkit_morgan_FP		0.7776	0.2224	0.7758	0.5510	0.7046
cas_N6512_rdkit_PATTERN		0.7769	0.2231	0.7763	0.5524	0.7061
cas_N6512_RDkit_pattern_FP		0.7638	0.2362	0.7636	0.5266	0.7269
cas_N6512_rdkit_RDKITFP		0.7957	0.2043	0.7943	0.5884	0.6733
cas_N6512_rdkit_TORSION		0.7500	0.2500	0.7485	0.4969	0.7513
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7927	0.2073	0.7662	0.5268	0.6860
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8540	0.1460	0.7479	0.4669	0.5855
churn-bigml		0.9101	0.0899	0.7987	0.5297	0.3143
ci900367j_MACCS		0.7053	0.2947	0.6722	0.3225	0.7901
cirrhosis		0.7143	0.1905	0.4812	0.4085	0.4137
cjs		0.9464	0.0179	0.9385	0.9346	0.0872
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8389	0.0806	0.6016	0.7411	0.2426
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5102	0.3265	0.4844	0.2215	0.7337
cnae-9		0.8241	0.0391	0.8429	0.8021	0.1709
coil20		0.9792	0.0021	0.9799	0.9781	0.0145
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		0.2400	0.1013	0.0591	0.1097	0.3434
colon-tumor		0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1		0.7586	0.2414	0.7208	0.3940	0.6569
colposcopies-2		0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3		0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne		0.7740	0.2260	0.7741	0.5481	0.7105
coupon		0.7461	0.2539	0.7388	0.4750	0.7552
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
crowdsourced		0.9300	0.0233	0.7275	0.8513	0.1227
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1562	0.0527	0.0781	0.1290	0.2002
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands		0.7593	0.2407	0.7539	0.4876	0.6885
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.7143	0.2857	0.7407	0.3636	0.4644
defect		0.8920	0.1080	0.7754	0.4607	0.3273
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.6757	0.1081	0.4294	0.5803	0.1694
desharnais		0.5000	0.3333	0.4036	0.1795	0.3510
dexter		0.6500	0.3500	0.6741	0.3000	0.7546
df_final		0.7500	0.1667	0.7551	0.6049	0.2615
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9038	0.0962	0.8997	0.7988	0.4341
diabetic1%		0.5490	0.3007	0.3481	0.0365	0.4111
diabetic10%		0.5697	0.2868	0.4264	0.1457	0.5607
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9333	0.0333	0.8999	0.9066	0.0687
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5000	0.5000	0.3333	-0.1613	0.9442
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota210%		0.5728	0.4272	0.5689	0.1363	0.9490
drebin		0.9795	0.0205	0.9782	0.9562	0.1309
dropout		0.7743	0.1505	0.6870	0.6116	0.4140
drug-01		0.4096	0.1687	0.1706	0.0199	0.2980
drug-02		0.5160	0.1383	0.1638	0.0888	0.4373
drug-03		0.6968	0.1011	0.1864	0.0365	0.2082
drug-04		0.5319	0.1337	0.0996	0.0046	0.2924
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.2251	0.2754	0.3939
drug-07		0.4628	0.1791	0.1704	0.0669	0.3172
drug-08		0.5479	0.1292	0.1051	0.0447	0.3135

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5532	0.1277	0.1544	0.1377	0.3590
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6277	0.1064	0.1768	0.2366	0.3138
drug-14		0.5851	0.1185	0.2159	0.2185	0.3937
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5957	0.1348	0.2787	0.3008	0.4030
drug-17		0.3564	0.1839	0.1772	0.0961	0.4560
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
ecoli		0.8235	0.0588	0.7021	0.7500	0.1779
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8254	0.6393	0.5094
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg-eye		0.8832	0.1168	0.8818	0.7631	0.4777
eeg10%		0.3875	0.0766	0.3020	0.3147	0.5087
eucalyptus		0.6027	0.1589	0.4921	0.4635	0.2831
euthyroid		0.9589	0.0411	0.8743	0.7141	0.1224
fakenews		0.5375	0.4625	0.5520	0.0682	0.8191
farm-ads		0.8913	0.1087	0.8954	0.7791	0.3872
fbis-wc		0.5325	0.0550	0.2091	0.4383	0.2555
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6275	0.3725	0.6190	0.2204	0.8673
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.3500	0.1857	0.1190	0.1216	0.3453
forest		0.9038	0.0481	0.8906	0.8669	0.1249
gastrointestinal		0.7500	0.1667	0.5508	0.5524	0.2863
gender		0.6042	0.2639	0.3812	0.1445	0.5065
gene		0.9180	0.0547	0.9057	0.8679	0.2348
german		0.7100	0.2900	0.6608	0.2487	0.6879
gestures		0.8759	0.0621	0.8764	0.8345	0.2354
gina		0.9078	0.0922	0.9078	0.8154	0.4079
gisette		0.9500	0.0500	0.9500	0.9000	0.2652
glass		0.6190	0.1270	0.3564	0.4400	0.2916
glass-g2		0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8690	0.1310	0.8660	0.7317	0.5218
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.4667	0.2667	0.3787	0.2500	0.5444
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hayes-roth		0.6875	0.2083	0.7384	0.5062	0.2896
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
heart-failure			0.9700	0.0300	0.9650	0.9295	0.1765
heart-quantum			0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis			0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%			0.6800	0.3200	0.6777	0.3523	0.8407
higher			0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann			0.8000	0.2000	0.4444	0.0000	0.3522
hitters			0.8438	0.1562	0.8477	0.6825	0.5231
hiv1-proteasa			0.9073	0.0927	0.8199	0.6087	0.4035
hiva			0.9645	0.0355	0.4910	0.0000	0.1045
horse			0.5278	0.3148	0.2303	0.0000	0.3606
hr			0.8632	0.1368	0.4633	0.0000	0.2767
htru2			0.9793	0.0207	0.9351	0.8659	0.1634
hypothyroid			0.9363	0.0318	0.5485	0.4904	0.2129
hypothyroidT			0.9443	0.0557	0.7702	0.4129	0.1492
ilpd			0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy			0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere			0.9143	0.0857	0.8990	0.7961	0.3975
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			1.0000	0.0000	1.0000	1.0000	0.0000
jm1			0.8264	0.1736	0.6663	0.1933	0.4797
jvowels			0.9749	0.0056	0.9735	0.9715	0.0423
kc1			0.8815	0.1185	0.7403	0.3730	0.3783
kc1-class-level-defectiveornot			0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect			0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF			0.9333	0.0667	0.4828	0.0000	0.1675
kc2			0.7885	0.2115	0.6512	0.2956	0.7699
kddcup981%			0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%			0.9487	0.0513	0.4868	0.0000	0.1382
kepler			0.8577	0.0948	0.8072	0.7641	0.2377
kidney-disease			0.9500	0.0500	0.9479	0.8904	0.1808
krvskp			0.9781	0.0219	0.9783	0.9561	0.1358
la1s-wc			0.6508	0.1164	0.5930	0.5485	0.4100
la2s-wc			0.6921	0.1026	0.6023	0.5962	0.3387
labor			0.8333	0.1667	0.8537	0.6667	0.4644
leaf			0.1176	0.0767	0.0254	0.0744	0.3294
led24			0.1500	0.1889	0.0290	0.0000	0.3934
lenses			0.3333	0.4444	0.1667	0.0000	0.4167
leukemia			0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2			0.5714	0.4286	0.3636	0.0000	0.5112
libra			0.2778	0.0963	0.2386	0.2353	0.2640
liver			0.7941	0.2059	0.7709	0.5405	0.6993
loan			0.9368	0.0632	0.9324	0.8642	0.3153
lrs			0.6038	0.1132	0.3807	0.4154	0.2434
lung			0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete			0.6250	0.1500	0.4898	0.5000	0.2172
lung-cancer			0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1			0.8000	0.0800	0.3765	0.4444	0.1568
lung-cancer-harvard2			0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan			0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario			1.0000	0.0000	1.0000	1.0000	0.0000
lupus			0.7778	0.2222	0.7750	0.5500	0.7072
lymphography			0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2			0.5556	0.1481	0.2857	0.2500	0.2598
machine-failure			0.9149	0.0851	0.9124	0.8247	0.3936
madelon			0.5885	0.4115	0.5899	0.1769	0.9299

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
magic04			0.8659	0.1341	0.8502	0.6943	0.5124
malware			1.0000	0.0000	1.0000	1.0000	0.0000
mammography			0.8333	0.1667	0.8327	0.6654	0.5984
marketing			0.8839	0.1161	0.7286	0.3392	0.3760
maternal			0.6931	0.2046	0.6989	0.5292	0.5221
math			0.7250	0.1375	0.4022	0.5397	0.2658
mba			0.8161	0.1226	0.3548	0.0454	0.3861
mental-disorders			0.8333	0.0833	0.8537	0.7778	0.1551
mental-health			0.2067	0.3173	0.0685	0.0000	0.4010
messidor			0.6696	0.3304	0.6655	0.3308	0.8589
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.7222	0.1389	0.7947	0.6121	0.2436
meter-D			0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac			0.9750	0.0050	0.9755	0.9722	0.0313
mfeat-fou			0.7850	0.0430	0.7842	0.7611	0.1751
mfeat-kar			0.9650	0.0070	0.9657	0.9611	0.0443
mfeat-mor			0.7200	0.0560	0.7224	0.6889	0.1833
mfeat-pix			0.9750	0.0050	0.9760	0.9722	0.0285
mfeat-zer			0.7950	0.0410	0.7913	0.7722	0.1274
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5882	0.1647	0.4474	0.4809	0.3071
mobile			0.2762	0.0258	0.2569	0.2632	0.2416
monks-1			0.7455	0.2545	0.7457	0.4901	0.7537
monks-2			0.8361	0.1639	0.8178	0.6008	0.4861
monks-3			0.9464	0.0536	0.9467	0.8929	0.2762
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
musk			0.9348	0.0652	0.8673	0.7017	0.2187
MUT_ci300400a_cdk_ECFP2			0.8034	0.1966	0.7965	0.5923	0.6623
MUT_ci300400a_cdk_ECFP4			0.8216	0.1784	0.8160	0.6319	0.6283
MUT_ci300400a_cdk_ECFP6			0.7760	0.2240	0.7675	0.5327	0.7083
MUT_ci300400a_cdk_ESTATE			0.7782	0.2218	0.7694	0.5353	0.7015
MUT_ci300400a_cdk_EXTENDED			0.8201	0.1799	0.8143	0.6283	0.6304
MUT_ci300400a_cdk_FCFP2			0.8168	0.1832	0.8104	0.6201	0.6359
MUT_ci300400a_cdk_FCFP4			0.8022	0.1978	0.7952	0.5897	0.6644
MUT_ci300400a_cdk_FCFP6			0.8094	0.1906	0.8026	0.6043	0.6497
MUT_ci300400a_cdk_MACCS			0.8094	0.1906	0.8023	0.6020	0.6445
MUT_ci300400a_cdk_PUBCHEM			0.8407	0.1593	0.8352	0.6692	0.5829
MUT_ci300400a_cdk_STANDARD			0.7952	0.2048	0.7873	0.5715	0.6711
MUT_ci300400a_rdkit_descriptors			0.8358	0.1642	0.8315	0.6627	0.5955
myocardial			0.8412	0.0397	0.1142	0.0000	0.1264
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.1667	0.2778	0.0476	0.0000	0.4024
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction			0.9736	0.0264	0.9495	0.8938	0.0930
NPHA-doctor-visits			0.5417	0.3056	0.4151	0.0361	0.3592
obesity			0.8294	0.0487	0.8246	0.8008	0.1769
obs			0.9259	0.0370	0.9474	0.8884	0.1047
occupancy			0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation			0.9882	0.0059	0.9642	0.9640	0.0646
oh0-wc			0.3663	0.1267	0.1531	0.2245	0.3381
oh10-wc			0.3048	0.1390	0.1358	0.1789	0.4005
oh15-wc			0.3370	0.1326	0.1016	0.1974	0.3240
oh5-wc			0.1648	0.1670	0.0283	0.0000	0.3885
olive			0.9298	0.0156	0.9215	0.9118	0.0396

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
opn310k10%		0.9133	0.0867	0.6277	0.0708	0.3136
optdigits		0.9662	0.0068	0.9683	0.9624	0.0474
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.2250	0.0387	0.1895	0.2051	0.2314
orlraws10P		0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer		0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8144	0.1856	0.7869	0.5676	0.6439
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9580	0.0168	0.6490	0.7238	0.1154
parkinson		0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons		0.8104	0.1896	0.7977	0.5954	0.6580
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle10%		0.8931	0.1069	0.8656	0.7305	0.4915
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8816	0.1184	0.8343	0.6400	0.4189
pediatric-leukemia		0.3824	0.1765	0.2865	0.2171	0.4592
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.8222	0.1778	0.8077	0.6133	0.6283
pet-adoption		0.9100	0.0900	0.8970	0.7883	0.3788
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
phone-acc0.1%		0.7312	0.0768	0.7031	0.6852	0.2803
phoneme		0.8796	0.1204	0.8494	0.6982	0.5293
pima		0.7105	0.2895	0.6891	0.3407	0.7408
placement		0.8010	0.1990	0.7946	0.5887	0.6669
plant-growth		0.7368	0.2632	0.7360	0.4693	0.7643
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.5522	0.1279	0.1610	0.1330	0.2892
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9340	0.0660	0.6550	0.1225	0.2859
polya		0.7870	0.2130	0.7618	0.5182	0.6959
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc		0.6324	0.3676	0.6329	0.2647	0.8956
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.2727	0.1119	0.2051	0.1767	0.3225
profb		0.7164	0.2836	0.6459	0.2427	0.7434
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate		0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE		0.8182	0.1818	0.8358	0.6207	0.4011
pufs-641%		0.4871	0.5129	0.4870	-0.0259	1.0000
pulsar		0.9816	0.0184	0.9433	0.8831	0.1457
raisin		0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc		0.6067	0.0605	0.2149	0.3993	0.2546
re1-wc		0.4277	0.0458	0.0806	0.2738	0.2762
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		0.9930	0.0070	0.9929	0.9858	0.0469
rice		0.9868	0.0132	0.9867	0.9733	0.0932
rnaseq		1.0000	0.0000	1.0000	1.0000	0.0000
rocket		0.6792	0.3208	0.6635	0.3258	0.8534

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimage			0.8911	0.0363	0.8765	0.8651	0.1630
satimageF			0.9938	0.0062	0.9838	0.9675	0.0739
satimageT			0.9347	0.0653	0.7926	0.5480	0.3966
scadi			0.5714	0.1714	0.4346	0.4474	0.2170
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9177	0.0235	0.9259	0.9038	0.0927
segmentation			0.8317	0.1683	0.8146	0.6285	0.6185
segmentO			0.9913	0.0087	0.9826	0.9647	0.0385
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9748	0.0252	0.9274	0.8437	0.0852
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
shoppers			0.8889	0.1111	0.7536	0.4613	0.4964
sick			0.9469	0.0530	0.7342	0.3563	0.2944
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin10%			0.9984	0.0016	0.9975	0.9951	0.0313
smarket			0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.5789	0.4211	0.5748	0.1461	0.9386
soil_pollution			0.1700	0.3320	0.0979	-0.0462	0.5560
solar-flare			0.7554	0.0815	0.6033	0.6850	0.1855
sonar			0.5500	0.4500	0.5525	0.1000	0.9473
soybean			0.5588	0.0464	0.1860	0.4940	0.1946
spam-detection			0.9520	0.0480	0.8504	0.6995	0.4465
spambase			0.9174	0.0826	0.9133	0.8249	0.3700
spect			0.8000	0.2000	0.4444	0.0000	0.3522
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.2500	0.0556	0.0572	0.1753	0.2865
splice-EI			0.9558	0.0442	0.9406	0.8790	0.2362
splice-IE			0.8896	0.1104	0.8385	0.6546	0.4265
sport-articles			0.8500	0.1500	0.8383	0.6764	0.5756
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			0.9570	0.0430	0.9538	0.9034	0.1598
steel-b			0.8462	0.1538	0.7439	0.4704	0.6277
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.7949	0.2051	0.7667	0.5257	0.6778
steel-p			0.9179	0.0821	0.6063	0.0946	0.4184
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9641	0.0359	0.8957	0.7910	0.3671
stock			0.8889	0.1111	0.7912	0.5421	0.4502
stockb			0.9824	0.0117	0.9824	0.9736	0.0530
streaming			0.8860	0.1140	0.8849	0.7698	0.4738
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6350	0.1460	0.3525	0.3976	0.4072
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3846	0.2462	0.1542	0.0406	0.4542
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.5385	0.3077	0.4012	0.2500	0.4108
tae			0.5333	0.3111	0.5461	0.3000	0.5760

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
telco-churn			0.9020	0.0980	0.8707	0.7385	0.4544
texture			0.9745	0.0046	0.9760	0.9719	0.0372
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1500	0.2947	0.3684	0.1963
tox_171			0.7059	0.1471	0.7348	0.6119	0.1908
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.6088	0.1877	0.7707
trec11-wc			0.3902	0.1355	0.1277	0.1299	0.3069
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.6022	0.1326	0.4055	0.4201	0.3329
trec41-wc			0.5341	0.0932	0.2530	0.3978	0.2723
trec45-wc			0.3913	0.1217	0.2057	0.2517	0.3635
tuandromd			0.9818	0.0182	0.9711	0.9422	0.1819
turkish			0.7000	0.1500	0.7066	0.6000	0.3411
tvnews1%			0.9000	0.1000	0.8921	0.7786	0.4044
tvnews10%			0.8921	0.1079	0.8830	0.7652	0.4628
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.6066	0.0642	0.2720
urban			0.6716	0.0730	0.5487	0.6106	0.2317
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7738	0.1131	0.7332	0.6944	0.2336
vehicleVAN			0.9643	0.0357	0.9519	0.9032	0.2250
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.9535	0.0465	0.9555	0.9071	0.2027
vowel			0.7576	0.0441	0.7845	0.7333	0.1272
vowelZ			0.9293	0.0707	0.7480	0.3419	0.1774
wap-wc			0.5385	0.0462	0.3135	0.4593	0.2614
warpar10p			0.3846	0.1231	0.2435	0.3203	0.2046
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8460	0.1027	0.8463	0.7690	0.3563
weather-related			0.9577	0.0077	0.9608	0.9520	0.0566
web-phishing			0.8296	0.1136	0.6470	0.6864	0.4298
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.5000	0.5000	0.3333	-0.2857	1.0000
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0254
wilt			0.9772	0.0228	0.8661	0.6919	0.0758
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6101	0.1300	0.2764	0.3561	0.3827
winequality-white			0.5890	0.1370	0.3426	0.3486	0.4448
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.3750	0.0833	0.2903	0.3333	0.1733
yeast			0.5811	0.0931	0.4452	0.4534	0.3316
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastME2		0.9527	0.0473	0.4879	0.0000	0.1300	

Table 66: Detailed results for GPCRBF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1559	0.0582	0.0812	0.0670	0.4949
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.9604	0.0396	0.9157	0.8302	0.2830
adult		0.8458	0.1542	0.7735	0.5406	0.6279
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8889	0.1111	0.4705	-0.0328	0.4702
AID_1431_KlekotaRothFingerprinter		0.8810	0.1190	0.5325	0.0597	0.7131
AID_1431_MACCSFingerprinter		0.8611	0.1389	0.4623	-0.0522	0.4467
AID_1878		0.8190	0.1810	0.5567	0.1599	0.5345
AID_602330		0.9531	0.0469	0.5343	0.0714	0.3630
AID_652128		0.8485	0.1010	0.3613	0.0131	0.3960
AID1284Morered		0.3889	0.6111	0.3542	-0.1059	0.6387
AID1284red		0.7917	0.2083	0.4828	0.0028	0.5199
AID1608Morered		0.9126	0.0874	0.5437	0.1047	0.4181
AID1608red		0.9078	0.0922	0.4757	-0.0335	0.3942
AID362red		0.9848	0.0152	0.5574	0.1074	0.2882
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9980	0.0020	0.4995	-0.0010	0.5055
AID439Morered		0.5714	0.4286	0.5625	0.5000	0.1556
AID439red		0.9286	0.0714	0.7308	0.5000	0.1423
AID456red		0.9950	0.0050	0.4987	-0.0017	0.2448
AID604AID644_AllRed		0.9985	0.0015	0.4996	-0.0007	0.5338
AID644Morered		0.5250	0.4750	0.5861	0.1363	0.7840
AID644red		0.6750	0.3250	0.4874	0.0625	0.6735
AID687AID721red		0.9991	0.0009	0.4998	-0.0003	0.2535
AID687red		0.9965	0.0035	0.4991	-0.0007	0.2583
AID688red		0.9875	0.0125	0.4969	-0.0049	0.5435
AID721morered		0.2222	0.7778	0.1750	-0.4605	0.7982
AID721red		0.7222	0.2778	0.4188	-0.0870	0.6455
AID746AID1284red		0.9982	0.0018	0.4995	-0.0009	0.5226
AID746red		0.9921	0.0079	0.6271	0.2501	0.5421
aids		0.8380	0.1620	0.7592	0.5045	0.6203
air_pollution		0.3167	0.1952	0.0993	-0.0100	0.6263
alcohol		0.7952	0.0819	0.4825	0.3861	0.2183
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6791	0.3209	0.5320	0.1687	0.6484
anneal		0.9944	0.0022	0.9929	0.9879	0.0073
antivirus		0.9459	0.0541	0.9087	0.7953	0.1532
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9896	0.0052	0.9643	0.9801	0.0269
anuran-genus		0.9868	0.0033	0.9518	0.9783	0.0732
anuran-species		0.9861	0.0028	0.9705	0.9807	0.0510
anxiety		0.1083	0.1981	0.0659	-0.0088	0.6582
apple-quality		0.9163	0.0837	0.9164	0.8325	0.3820
aps-failure		0.9893	0.0107	0.8284	0.6411	0.3216
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0094	0.9906	0.5024	0.0000	0.0226
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.2222	0.1197	0.0704	0.1038	0.2999
auction		0.9289	0.0711	0.8208	0.5992	0.3408
audiology		0.5217	0.0399	0.2033	0.4012	0.1609
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adolescent		0.8636	0.1364	0.8466	0.6887	0.3943
autism-adult		0.8000	0.2000	0.6343	0.3451	0.4890
autism-child		0.8276	0.1724	0.8312	0.6570	0.4891
autos		0.8250	0.0583	0.6914	0.7662	0.1473
avila		0.7513	0.0414	0.7142	0.6631	0.3290
babies		0.4718	0.1509	0.1680	0.1694	0.4503
balance		0.9194	0.0538	0.6336	0.8482	0.1308
bank		0.8789	0.1211	0.6666	0.3290	0.6818
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8923	0.7764	0.3835
basehock		0.5829	0.4171	0.6530	0.1624	0.5772
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8714	0.1286	0.8661	0.7310	0.5173
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
body-perf		0.6731	0.1634	0.6742	0.5642	0.4613
brain-tumor		0.5005	0.4995	0.5005	0.0010	0.9997
breast-cancer		0.7143	0.2857	0.5204	0.1216	0.6363
breast-cancer-co		0.7727	0.2273	0.7801	0.5307	0.5844
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.6096	0.6654	0.1384
bridges		0.6000	0.1143	0.4261	0.4715	0.1419
cad		0.9667	0.0333	0.9651	0.9254	0.1661
caesarian		0.7500	0.2500	0.7239	0.4286	0.6130
cancer		0.9928	0.0072	0.9921	0.9839	0.0358
cancer-uae		0.4695	0.3537	0.2778	0.0125	0.5742
car		0.9598	0.0201	0.9431	0.9173	0.1749
car-insurance		0.8165	0.1835	0.7858	0.5712	0.6644
card		0.8551	0.1449	0.8504	0.6993	0.5388
cardiotocography		0.8380	0.0324	0.8139	0.8043	0.1705
cardiotocography-nsp		0.9202	0.0532	0.8465	0.7710	0.2599
cargo2k		0.9784	0.0144	0.9790	0.9676	0.0615
cars		0.7250	0.1833	0.6152	0.4873	0.4547
cas_N6512_cdk_ECFP2		0.7373	0.2627	0.7371	0.4730	0.7652
cas_N6512_rdkit_ATOMPAIR		0.7231	0.2769	0.7211	0.4421	0.7911
cas_N6512_RDkit_AtomPair_FP		0.7508	0.2492	0.7495	0.4990	0.7498
cas_N6512_rdkit_AVALON		0.7834	0.2166	0.7828	0.5652	0.6936
cas_N6512_RDkit_Avalon_FP		0.8014	0.1986	0.8023	0.6028	0.6537
cas_N6512_rdkit_descriptors		0.8008	0.1992	0.7997	0.5994	0.6641
cas_N6512_rdkit_FEATMORGAN		0.7473	0.2527	0.7469	0.4928	0.7510
cas_N6512_RDkit_Featmorgan_FP		0.7584	0.2416	0.7578	0.5151	0.7348
cas_N6512_RDkit_FP		0.7837	0.2163	0.7823	0.5645	0.6952
cas_N6512_rdkit_LAYERED		0.7962	0.2038	0.7961	0.5914	0.6691
cas_N6512_RDkit_Layered_FP		0.7753	0.2247	0.7736	0.5467	0.7078
cas_N6512_rdkit_MACCS		0.7942	0.2058	0.7924	0.5839	0.6731
cas_N6512_RDkit_MACCS_FP		0.7922	0.2078	0.7919	0.5832	0.6778
cas_N6512_rdkit_MORGAN		0.7546	0.2454	0.7559	0.5090	0.7310
cas_N6512_RDkit_morgan_FP		0.7592	0.2408	0.7593	0.5174	0.7292
cas_N6512_rdkit_PATTERN		0.6469	0.3531	0.5528	0.2552	0.6301
cas_N6512_RDkit_pattern_FP		0.6426	0.3574	0.5486	0.2467	0.6367
cas_N6512_rdkit_RDKITFP		0.7888	0.2112	0.7877	0.5752	0.6859
cas_N6512_rdkit_TORSION		0.7069	0.2931	0.7140	0.4188	0.7838
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0581	0.9419	0.5098	0.0011	0.1076
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7953	0.2047	0.7856	0.5666	0.6744
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9628	0.0372	0.7688	0.5102	0.3948
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9417	0.0583	0.6054	0.1691	0.5482

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9151	0.0849	0.6126	0.2251	0.6570
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9360	0.0640	0.4835	-0.0099	0.3673
cervical-H		0.9593	0.0407	0.7257	0.4328	0.5068
cervical-S		0.9535	0.0465	0.8466	0.6686	0.2632
children-anemia		0.4939	0.2530	0.4016	0.2379	0.7187
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.8976	0.1024	0.5733	0.1391	0.6869
churn		0.8455	0.1545	0.7324	0.4396	0.6213
churn-bigml		0.8558	0.1442	0.6496	0.2313	0.5886
ci900367j_MACCS		0.6684	0.3316	0.5452	0.2061	0.6442
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.4985	0.4775	0.4456
cjs		0.9857	0.0048	0.9848	0.9826	0.0236
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8319	0.0840	0.6950	0.7324	0.3005
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678
cm1		0.8900	0.1100	0.4709	-0.0172	0.4398
cmc		0.5340	0.3107	0.5166	0.2628	0.7026
cnae-9		0.4769	0.1163	0.6203	0.4115	0.2715
codon_usage		0.9371	0.0114	0.8226	0.9236	0.1236
coil20		0.8125	0.0187	0.8595	0.8021	0.0812
college		0.9091	0.0909	0.8847	0.7672	0.4380
collins		0.3000	0.0933	0.2402	0.2272	0.3685
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7069	0.2931	0.6669	0.3172	0.7689
colposcopies-2		0.6724	0.3276	0.6349	0.2299	0.7914
colposcopies-3		0.6897	0.3103	0.6718	0.3174	0.7846
colposcopies-4		0.7069	0.2931	0.5082	0.0960	0.6462
colposcopies-5		0.8276	0.1724	0.5383	0.1038	0.5052
colposcopies-6		0.6897	0.3103	0.6925	0.3743	0.8043
colposcopies-c		0.7931	0.2069	0.5920	0.1888	0.3646
column-2c		0.8710	0.1290	0.8571	0.7123	0.5337
column-3c		0.7903	0.1398	0.7238	0.6575	0.2964
comedy_comparisons1%		0.4846	0.5154	0.4946	-0.0073	0.8903
cottonmeloidogyne		0.7175	0.2825	0.7223	0.4340	0.7613
coupon		0.6972	0.3028	0.6920	0.3828	0.8159
covtypeCD		0.9906	0.0094	0.9798	0.9593	0.0935
covtypeT		0.9808	0.0192	0.9231	0.8446	0.2523
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans10%		0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced		0.9613	0.0129	0.8991	0.9209	0.1280
cryotherapy		0.9444	0.0556	0.9500	0.8902	0.1761
cultivars		0.2344	0.0383	0.1600	0.2269	0.1567
customer-churn		0.9816	0.0184	0.6947	0.2529	0.2469
cybersecurity		0.1733	0.2756	0.1097	0.0014	0.6354
cyclopentane		0.6667	0.3333	0.6589	0.3174	0.8363
cylinder-bands		0.7130	0.2870	0.7214	0.4271	0.7380
darwin		0.7500	0.2500	0.7701	0.5000	0.5794
datatrieve		0.8846	0.1154	0.4692	-0.0417	0.4384
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8195	0.1805	0.7017	0.3726	0.6624
defect		0.8580	0.1420	0.5949	0.1819	0.3571
dementia		0.9650	0.0350	0.9669	0.9295	0.1257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
deposit		0.8863	0.1137	0.6909	0.3738	0.6533
depressed		0.8217	0.1783	0.5165	0.0688	0.5355
dermatology		0.6351	0.1216	0.5253	0.4832	0.1987
desharnais		0.5000	0.3333	0.3764	0.1453	0.4290
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.2500	0.5000	0.1333	0.0000	0.4234
DIA		0.8417	0.1583	0.7745	0.5407	0.6114
diabetes		0.9423	0.0577	0.9395	0.8773	0.2626
diabetic1%		0.1176	0.5882	0.3042	0.0025	0.4265
diabetic10%		0.1356	0.5763	0.3501	0.0020	0.4906
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9750	0.0125	0.9626	0.9653	0.0336
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9962	0.0038	0.4990	-0.0015	0.5201
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota210%		0.5204	0.4796	0.5184	0.0367	0.9882
drebin		0.9847	0.0153	0.9836	0.9671	0.1087
dropout		0.7494	0.1670	0.6718	0.5726	0.4746
drug-01		0.3830	0.1763	0.1896	0.0165	0.4502
drug-02		0.5213	0.1368	0.2301	0.1578	0.5813
drug-03		0.6755	0.0927	0.1614	0.0739	0.4125
drug-04		0.5133	0.1391	0.1801	0.0974	0.5717
drug-05		0.7314	0.0767	0.1405	0.0146	0.2376
drug-06		0.4069	0.1695	0.2437	0.2495	0.5588
drug-07		0.4149	0.1672	0.1066	0.0048	0.3756
drug-08		0.5638	0.1246	0.2141	0.1732	0.5480
drug-09		0.8697	0.0372	0.1644	0.0349	0.1058
drug-10		0.5479	0.1292	0.1608	0.1430	0.4164
drug-11		0.8511	0.0426	0.1316	0.0142	0.1244
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5957	0.1155	0.1664	0.2027	0.4389
drug-14		0.5931	0.1163	0.2719	0.2667	0.4883
drug-15		0.7500	0.0714	0.1312	0.0286	0.3074
drug-16		0.5771	0.1208	0.2594	0.2897	0.4608
drug-17		0.3670	0.1809	0.2080	0.1251	0.5552
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7553	0.0699	0.1535	-0.0029	0.3441
drybean		0.9306	0.0198	0.9437	0.9160	0.1152
ecoli		0.8382	0.0404	0.4879	0.7710	0.1322
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8939	0.1061	0.8536	0.7058	0.5022
ecoliMU		0.9242	0.0758	0.7908	0.5775	0.5727
ecoliOM		0.9545	0.0455	0.6679	0.3263	0.1256
ecommerce		0.2300	0.3850	0.2525	-0.0196	0.7054
eeg-eye		0.8855	0.1145	0.8841	0.7676	0.4501
eeg10%		0.3883	0.0765	0.3792	0.3212	0.6092
eucalyptus		0.5205	0.1918	0.3964	0.3634	0.4139
euthyroid		0.9684	0.0316	0.9050	0.7982	0.1804
exon.vs.intron-freq10%		0.8689	0.1311	0.8818	0.7405	0.3976
fakenews		0.5175	0.4825	0.5175	0.0350	0.9897
farm-ads		0.7790	0.2210	0.8156	0.5714	0.4579
fbis-wc		0.3679	0.0744	0.2298	0.3298	0.2750
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8039	0.1961	0.8008	0.5958	0.5301

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
financial-risk			0.6505	0.1165	0.4040	0.4329	0.5006
fishcatch			0.8750	0.0417	0.7772	0.8367	0.0739
flags			0.0500	0.2375	0.0119	0.0000	0.3648
forest			0.9231	0.0385	0.9161	0.8938	0.1059
gas			0.9932	0.0023	0.9935	0.9917	0.0164
gastrointestinal			0.1875	0.5417	0.1053	0.0000	0.4117
gender			0.6116	0.2589	0.4231	0.1672	0.5745
gene			0.8170	0.1220	0.8148	0.6691	0.2437
german			0.6550	0.3450	0.5030	0.1110	0.6804
gestures			0.5771	0.2115	0.6359	0.4362	0.4271
gina			0.8084	0.1916	0.8090	0.6159	0.6413
gisette			0.5000	0.5000	0.3333	0.0000	0.5283
glass			0.6905	0.1032	0.5341	0.5503	0.2440
glass-g2			0.7188	0.2812	0.7186	0.4274	0.7690
glassBWFP			0.8095	0.1905	0.7994	0.5648	0.5087
glassBWNFP			0.8333	0.1667	0.8106	0.6190	0.6119
glassContainers			0.9318	0.0682	0.6622	0.3226	0.1699
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9773	0.0227	0.7442	0.5000	0.0631
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.7632	0.2368	0.7624	0.5235	0.7243
gli_85			0.2500	0.7500	0.2000	0.0000	0.4422
glioma			0.2000	0.4000	0.0833	0.0000	0.3270
glioma-grade			0.8512	0.1488	0.8483	0.6946	0.5435
green			0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage			0.4333	0.2833	0.4060	0.2160	0.5154
gsalc			0.1111	0.2963	0.0333	0.0000	0.4018
haberman			0.7500	0.2500	0.6510	0.2909	0.7918
hapt			0.1006	0.1499	0.1215	0.0792	0.3375
har			0.9883	0.0047	0.9868	0.9852	0.0277
har701%			0.8911	0.0311	0.5243	0.8382	0.1337
hayes-roth			0.6250	0.2500	0.7046	0.4047	0.3528
hcc-survival			0.7647	0.2353	0.7538	0.5036	0.7121
health-activity			0.7650	0.1175	0.2167	-0.0065	0.2568
heart			0.8148	0.1852	0.8082	0.6165	0.6383
heart-attack			0.9032	0.0968	0.9032	0.8046	0.4155
heart-c			0.8833	0.1167	0.8845	0.7643	0.4165
heart-failure			0.9740	0.0260	0.9697	0.9389	0.1534
heart-quantum			0.9100	0.0900	0.9132	0.8181	0.3641
hepatitis			0.8000	0.2000	0.5855	0.2222	0.5326
hERG-121inputs			0.7857	0.2143	0.6410	0.3478	0.4476
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.9231	0.0769	0.8860	0.7174	0.1572
higgs0.1%			0.6459	0.3541	0.6427	0.2822	0.8765
higher			0.2143	0.1964	0.1115	0.0522	0.3751
hinselmann			0.7500	0.2500	0.4281	-0.0769	0.6219
hitters			0.7969	0.2031	0.8035	0.5988	0.5692
hiv1-proteasa			0.8347	0.1653	0.7283	0.4539	0.6973
hiva			0.8960	0.1040	0.5132	0.0203	0.3704
horse			0.5972	0.2685	0.4925	0.2559	0.6322
hotel-reservartions			0.8765	0.1235	0.8575	0.7132	0.5126
hr			0.7509	0.2491	0.4892	-0.0215	0.7838
htru2			0.9790	0.0209	0.9345	0.8662	0.1985
hypothyroid			0.9536	0.0232	0.5886	0.6409	0.1526
hypothyroidT			0.9695	0.0305	0.8751	0.7339	0.2318
ilpd			0.6949	0.3051	0.4512	-0.0082	0.6313
immuno-therapy			0.7222	0.2778	0.4188	-0.0870	0.6455
instagram			0.9533	0.0233	0.9543	0.9378	0.0963

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ionosphere		0.9429	0.0571	0.9341	0.8640	0.2524
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0372	0.0741	0.0028	0.0000	0.4203
jm1		0.8177	0.1823	0.6374	0.2037	0.6303
jvowels		0.9910	0.0020	0.9903	0.9898	0.0164
kc1		0.8720	0.1280	0.7114	0.3220	0.4542
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.5714	0.0357	0.0548	0.2403	0.1340
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7788	0.2212	0.6286	0.2488	0.7854
kdc-4007		0.2681	0.1940	0.3698	0.1508	0.3629
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9476	0.0524	0.4866	-0.0021	0.2511
kepler		0.8760	0.0826	0.8354	0.7966	0.2405
kidney		0.7152	0.1139	0.1873	-0.0131	0.8014
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.8460	0.0171	0.8496	0.8281	0.1740
krvskp		0.9608	0.0392	0.9609	0.9213	0.1951
la1s-wc		0.2381	0.2540	0.2347	0.0082	0.3717
la2s-wc		0.2632	0.2456	0.1926	0.0168	0.3652
labor		0.9167	0.0833	0.9268	0.8333	0.2322
leaf		0.3971	0.0301	0.1864	0.3501	0.1798
led24		0.3250	0.1350	0.2607	0.2369	0.3003
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9560	0.0034	0.9559	0.9542	0.0510
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.6250	0.0500	0.6097	0.6022	0.1313
linkage1%		0.9997	0.0003	0.9761	0.9522	0.1296
liver		0.8382	0.1618	0.8182	0.6359	0.6053
loan		0.9485	0.0515	0.9450	0.8890	0.2604
localization10%		0.6420	0.0651	0.3631	0.5328	0.3812
lrs		0.6604	0.0679	0.3100	0.4744	0.1943
lung		0.0476	0.3810	0.0182	0.0000	0.2983
lung_discrete		0.2500	0.2143	0.0571	0.0000	0.3217
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8333	0.1667	0.8352	0.6596	0.5108
lymphography		0.6429	0.1786	0.3442	0.3664	0.2761
lymphoma2		0.0000	0.2222	0.0000	0.0000	0.3385
machine-failure		0.9043	0.0957	0.9011	0.8021	0.4231
madelon		0.5615	0.4385	0.5617	0.1231	0.9586
magic04		0.8730	0.1270	0.8583	0.7123	0.5011
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8121	0.6240	0.6404
marketing		0.8862	0.1138	0.7515	0.4727	0.5333
maternal		0.7426	0.1716	0.7450	0.6049	0.4526
math		0.5125	0.2437	0.4605	0.2314	0.4758
mba		0.8105	0.1263	0.3721	0.0965	0.4668
mental-disorders		0.8333	0.0833	0.8486	0.7778	0.1511
mental-health		0.1917	0.3233	0.1225	-0.0151	0.6449
messidor		0.7043	0.2957	0.7007	0.4012	0.8136
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-C		0.7778	0.1111	0.7952	0.6866	0.1772
meter-D		0.9167	0.0417	0.8939	0.8831	0.0866
mfeat-fac		0.9450	0.0110	0.9513	0.9389	0.0576
mfeat-fou		0.8200	0.0360	0.8256	0.8000	0.1390
mfeat-kar		0.9625	0.0075	0.9633	0.9583	0.0471
mfeat-mor		0.7250	0.0550	0.7296	0.6944	0.1856
mfeat-pix		0.5250	0.0950	0.6041	0.4722	0.2396
mfeat-zer		0.7625	0.0475	0.7598	0.7361	0.1883
mice-prot		0.6389	0.0903	0.5558	0.5806	0.1527
milk		0.9717	0.0189	0.9668	0.9565	0.0635
mines		0.5147	0.1941	0.4202	0.3911	0.3720
mobile		0.4773	0.0187	0.4395	0.4678	0.2077
monks-1		0.9091	0.0909	0.9094	0.8179	0.3116
monks-2		0.9262	0.0738	0.9180	0.8226	0.2316
monks-3		0.9464	0.0536	0.9469	0.8926	0.2536
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4778	0.0949	0.5046	0.3708	0.5524
musk		0.9659	0.0341	0.9336	0.8670	0.2438
MUT_ci300400a_cdk_ECFP2		0.8088	0.1912	0.8045	0.6079	0.6462
MUT_ci300400a_cdk_ECFP4		0.7994	0.2006	0.7948	0.5890	0.6666
MUT_ci300400a_cdk_ECFP6		0.7796	0.2204	0.7742	0.5475	0.7005
MUT_ci300400a_cdk_ESTATE		0.7764	0.2236	0.7677	0.5330	0.7075
MUT_ci300400a_cdk_EXTENDED		0.8405	0.1595	0.8365	0.6726	0.5874
MUT_ci300400a_cdk_FCFP2		0.8192	0.1808	0.8133	0.6260	0.6284
MUT_ci300400a_cdk_FCFP4		0.7884	0.2116	0.7838	0.5662	0.6860
MUT_ci300400a_cdk_FCFP6		0.7830	0.2170	0.7806	0.5585	0.6914
MUT_ci300400a_cdk_MACCS		0.8405	0.1595	0.8353	0.6702	0.5857
MUT_ci300400a_cdk_PUBCHEM		0.8503	0.1497	0.8453	0.6902	0.5623
MUT_ci300400a_cdk_STANDARD		0.8389	0.1611	0.8337	0.6671	0.5901
MUT_ci300400a_rdkit_descriptors		0.8396	0.1604	0.8356	0.6709	0.5877
myocardial		0.7000	0.0750	0.2157	0.0693	0.1976
naticusdroid		0.9686	0.0314	0.9686	0.9373	0.1877
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.0000	0.2222	0.0000	0.0000	0.3770
ncRNA1%		0.8977	0.0108	0.3971	0.7024	0.3022
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6062	0.3938	0.6067	0.2129	0.9202
NHANES_age_prediction		0.9758	0.0242	0.9524	0.9014	0.1401
nomao		0.9524	0.0476	0.9417	0.8834	0.2900
NPHA-doctor-visits		0.4931	0.3380	0.2858	0.0135	0.5833
nursery		0.9815	0.0074	0.7639	0.9728	0.0413
obesity		0.8483	0.0433	0.8465	0.8228	0.1881
obs		0.9537	0.0231	0.9666	0.9303	0.0655
occupancy		0.9908	0.0092	0.9872	0.9743	0.1064
Occupancy_Estimation		0.9921	0.0039	0.9739	0.9760	0.0372
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0761	0.1848	0.0141	0.0000	0.3996
oh5-wc		0.0549	0.1890	0.0104	0.0000	0.4076
ohscal-wc		0.1129	0.1774	0.0203	0.0000	0.4003
olive		0.9035	0.0214	0.8172	0.8791	0.0520
opn310k10%		0.8913	0.1087	0.6112	0.0702	0.4598
optdigits		0.8523	0.0295	0.8270	0.8361	0.1058
optdigitsZ		0.9973	0.0027	0.9917	0.9833	0.0137
orl		0.1000	0.0450	0.0862	0.0769	0.3856
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9625	0.0375	0.5995	0.0906	0.3242
ozone8hr		0.9209	0.0791	0.6109	0.1701	0.5619
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7706	0.2294	0.7512	0.5010	0.7323
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8579	0.7143	0.5399
p53-mutants		0.9949	0.0051	0.6510	0.2705	0.4645
p53-mutants10%		0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks		0.9717	0.0113	0.8162	0.8319	0.2312
parkinson		0.9708	0.0292	0.9715	0.9406	0.1437
parkinsons		0.7275	0.2725	0.7144	0.4276	0.7766
parkinsons-small		0.8421	0.1579	0.6821	0.4362	0.3635
particle10%		0.9154	0.0846	0.8942	0.7882	0.4215
pasture		0.6250	0.2500	0.5530	0.3778	0.2746
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.4820	0.5180	0.5653	0.0748	0.7464
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9211	0.0789	0.8992	0.7966	0.4359
pediatric-leukemia		0.2353	0.2185	0.0544	0.0000	0.3686
pendigits		0.9918	0.0016	0.9918	0.9909	0.0153
period		0.5556	0.4444	0.5791	0.1429	0.8628
period-10f		0.5556	0.4444	0.5475	0.0909	0.8760
persistency		0.7493	0.2507	0.7246	0.4442	0.7495
pet-adoption		0.8675	0.1325	0.8494	0.6937	0.4890
phishing		0.9755	0.0245	0.9743	0.9485	0.1564
PhiUSIIL10%		0.9960	0.0040	0.9959	0.9918	0.0320
phone-acc0.1%		0.6891	0.0888	0.6626	0.6362	0.3373
phone-gyr0.1%		0.7071	0.0837	0.6859	0.6568	0.3455
phoneme		0.8778	0.1222	0.8487	0.6972	0.5369
phy		0.6662	0.3338	0.6662	0.3324	0.8622
pima		0.7171	0.2829	0.6955	0.3616	0.7471
pirvision		0.9935	0.0044	0.9886	0.9793	0.0504
placement		0.7960	0.2040	0.7894	0.5779	0.6757
plant-growth		0.6842	0.3158	0.6833	0.3667	0.8414
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4766	0.1047	0.1213	0.0098	0.4003
polish-1st		0.9630	0.0370	0.6786	0.0689	0.1081
polish-2nd		0.9602	0.0398	0.4898	-0.0010	0.1785
polish-3rd		0.9514	0.0486	0.4876	-0.0018	0.2211
polish-4th		0.9434	0.0566	0.5847	0.0956	0.4731
polish-5th		0.9365	0.0635	0.6869	0.3208	0.4979
polya		0.7557	0.2443	0.7304	0.4591	0.7508
popularity		0.5887	0.2742	0.4118	0.1499	0.7251
post-operative		0.5000	0.3333	0.2472	-0.1429	0.3572
pred-tox_mutagen_ref-desc		0.6397	0.3603	0.6401	0.2794	0.8888
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.2727	0.0661	0.1008	0.1471	0.2807
profb		0.5299	0.4701	0.5612	0.1184	0.8443
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate		0.6429	0.3571	0.7276	0.3396	0.5193
prostate_GE		0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio10%		0.9813	0.0075	0.9704	0.9749	0.0570
pufs-641%		0.5083	0.4917	0.5083	0.0167	0.9952
pulsar		0.9820	0.0180	0.9446	0.8868	0.1622
raisin		0.9056	0.0944	0.9062	0.8111	0.4086
re0-wc		0.5000	0.0769	0.4290	0.4152	0.2731
re1-wc		0.3373	0.0530	0.1776	0.2828	0.2799
rejafada		0.0352	0.9648	0.0340	0.0000	0.0946
relathe		0.9789	0.0211	0.9791	0.9573	0.1091

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rice			0.9887	0.0113	0.9886	0.9772	0.0817
rnaseq			0.0875	0.3650	0.0322	0.0000	0.4005
rocket			0.6524	0.3476	0.6364	0.2720	0.8831
satimage			0.9067	0.0311	0.8940	0.8846	0.1492
satimageF			0.9899	0.0101	0.9745	0.9487	0.1731
satimageT			0.9479	0.0521	0.8423	0.6702	0.3809
scadi			0.6429	0.1020	0.4338	0.5533	0.1406
schiller			0.8333	0.1667	0.7560	0.4829	0.5162
schizo			0.5000	0.5000	0.4938	0.0000	0.9758
sclerosis			0.9444	0.0556	0.9448	0.8884	0.2295
secom			0.9103	0.0897	0.4765	-0.0380	0.6807
seeds			0.9762	0.0159	0.9777	0.9643	0.0434
segment			0.9481	0.0148	0.9530	0.9393	0.0685
segmentation			0.8490	0.1510	0.8341	0.6672	0.5782
segmentO			0.9978	0.0022	0.9958	0.9915	0.0443
seismic			0.9283	0.0717	0.4814	-0.0101	0.3717
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8556	0.1444	0.5841	0.0970	0.5832
sens-2-gram			0.8539	0.1461	0.5326	0.0976	0.5068
sens-3-gram			0.8342	0.1658	0.5105	0.0543	0.5761
sens-4-gram			0.8053	0.1947	0.5402	0.0561	0.6181
sens-5-gram			0.8197	0.1803	0.5422	0.0226	0.6113
sens-6-gram			0.8500	0.1500	0.5205	0.0736	0.5137
sens-7-gram			0.8382	0.1618	0.5051	0.0449	0.5233
sens-8-gram			0.8316	0.1684	0.4959	0.0268	0.5256
sens-9-gram			0.8513	0.1487	0.5737	0.1065	0.5965
shoppers			0.8865	0.1135	0.7484	0.4626	0.5358
sick			0.9602	0.0398	0.8157	0.5953	0.3134
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin10%			0.9943	0.0057	0.9915	0.9828	0.0842
smarket			0.9640	0.0360	0.9646	0.9278	0.1620
smart-farming			0.2400	0.3800	0.0967	0.0000	0.4052
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
soil_pollution			0.2017	0.3193	0.1438	0.0082	0.5930
solar-flare			0.7698	0.0767	0.6890	0.7052	0.2073
sonar			0.7500	0.2500	0.7659	0.5000	0.6151
soybean			0.9926	0.0008	0.9972	0.9919	0.0057
spam-detection			0.9537	0.0462	0.8585	0.7166	0.4463
spambase			0.9152	0.0848	0.9110	0.8214	0.3879
spect			0.7778	0.2222	0.6696	0.3200	0.7309
spectf			0.8857	0.1143	0.8600	0.7200	0.5179
spectrometer			0.2736	0.0303	0.1047	0.2018	0.2407
splice-EI			0.9101	0.0899	0.8905	0.7767	0.4326
splice-IE			0.8896	0.1104	0.8542	0.7065	0.5040
sport-articles			0.8600	0.1400	0.8485	0.6963	0.5487
squash-stored			0.9000	0.0667	0.9301	0.8438	0.0929
squash-unstored			0.8000	0.1333	0.4762	0.6154	0.0902
startup			0.8925	0.1075	0.8790	0.7551	0.3498
steel_industry			0.8365	0.1090	0.7974	0.7335	0.3350
steel-b			0.8615	0.1385	0.7831	0.5618	0.6159
steel-d			0.9872	0.0128	0.8791	0.7482	0.2050
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.8179	0.1821	0.7953	0.5872	0.6416
steel-p			0.9410	0.0590	0.7657	0.4821	0.3903
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9718	0.0282	0.9253	0.8484	0.3633
stock			0.8403	0.1597	0.5903	0.1786	0.3801

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stockb			0.9890	0.0073	0.9890	0.9835	0.0324
streaming			0.8870	0.1130	0.8856	0.7702	0.4516
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6200	0.1520	0.3425	0.3715	0.4190
student-depression			0.6921	0.3079	0.6783	0.3548	0.8358
student-habits			0.3500	0.2600	0.1760	0.0233	0.5538
student-weekend			0.3231	0.2708	0.2000	0.0398	0.6377
student-workday			0.6719	0.1312	0.1850	0.0640	0.4168
studentap			0.4231	0.3846	0.4748	0.1744	0.6244
susy1%			0.7962	0.2038	0.7947	0.5856	0.6616
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.7446	0.2554	0.6613	0.4892	0.2992
swarm_grouped			0.9933	0.0067	0.9929	0.9857	0.0401
tae			0.5667	0.2889	0.6057	0.3500	0.4865
telco-churn			0.8693	0.1307	0.8275	0.6533	0.5558
texture			0.9909	0.0017	0.9913	0.9900	0.0139
theorem			0.9894	0.0106	0.9892	0.9782	0.0710
thoracic			0.7872	0.2128	0.4398	-0.0797	0.5563
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9342	0.0658	0.9204	0.8316	0.2664
tic-tac-toe			0.9947	0.0053	0.9941	0.9881	0.0275
tis			0.8340	0.1660	0.7491	0.4861	0.6172
tis10%			0.7836	0.2164	0.6756	0.3357	0.7222
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1250	0.3268	0.4520	0.1850
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.5882	0.4118	0.4163	-0.0574	0.7344
toxicity-13f			0.6765	0.3235	0.5299	0.1654	0.6533
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.5901	0.1605	0.8031
trec11-wc			0.3659	0.1409	0.1920	0.2652	0.2825
trec12-wc			0.1613	0.2097	0.0347	0.0000	0.3749
trec21-wc			0.4545	0.1818	0.3069	0.3938	0.1747
trec23-wc			0.3571	0.2143	0.3336	0.2301	0.3417
trec31-wc			0.5000	0.1429	0.4285	0.4755	0.2323
trec41-wc			0.1023	0.1795	0.0186	0.0000	0.3474
trec45-wc			0.1014	0.1797	0.0184	0.0000	0.3744
tuandromd			0.9854	0.0146	0.9772	0.9542	0.1184
turkish			0.7250	0.1375	0.7256	0.6333	0.2674
tvnews1%			0.7577	0.2423	0.6308	0.3734	0.4783
tvnews10%			0.8917	0.1083	0.8832	0.7664	0.4692
ur3_cobotops_grip			0.9680	0.0320	0.6656	0.2440	0.3903
ur3_cobotops_stop			0.9721	0.0279	0.7574	0.4388	0.2944
urban			0.7388	0.0580	0.7702	0.6959	0.2137
urinalysis			0.9301	0.0699	0.5182	0.0498	0.4069
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7857	0.1071	0.7511	0.7110	0.1886
vehicleVAN			0.9702	0.0298	0.9608	0.9214	0.2227
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9186	0.0814	0.9206	0.8375	0.3468
vowel			0.5404	0.0836	0.5551	0.4944	0.2316
vowelZ			0.9444	0.0556	0.8096	0.5344	0.1503
wap-wc			0.0256	0.0974	0.0363	0.0056	0.3752
warpar10p			0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p			0.1190	0.1762	0.0722	0.0263	0.3967
watch-acc1%			0.7797	0.0629	0.7746	0.7422	0.2688
watch-gyr1%			0.7427	0.0735	0.7370	0.6993	0.3151
water_pollution			0.2500	0.3750	0.2493	-0.0005	0.8649

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
waveform			0.7720	0.1520	0.7723	0.6579	0.4619
weather-related			0.9760	0.0044	0.9774	0.9728	0.0379
web-phishing			0.8333	0.1111	0.7289	0.7015	0.4555
Weekly			0.9861	0.0139	0.9860	0.9719	0.0971
weight-lift			0.9791	0.0084	0.9787	0.9736	0.0483
white-clover			0.5833	0.2083	0.3526	0.2909	0.2035
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9855	0.0145	0.9189	0.8212	0.1624
wine			0.9706	0.0196	0.9705	0.9503	0.0767
winequality-red			0.6447	0.1184	0.3099	0.4178	0.3579
winequality-white			0.6115	0.1110	0.3012	0.3960	0.4028
winnipeg10%			0.9886	0.0032	0.9398	0.9857	0.1003
wisc_bc			0.9825	0.0175	0.9812	0.9623	0.1070
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5811	0.0838	0.3897	0.4583	0.3703
yeastCYT-POX			0.9694	0.0306	0.8220	0.6342	0.5171
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9764	0.0236	0.7300	0.4412	0.4749
yeastME2			0.9628	0.0372	0.7471	0.4075	0.2680
zip			0.8522	0.0296	0.8857	0.8353	0.1100

Table 67: Detailed results for GPLS(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1759	0.0785	0.0878	0.0801	0.4445
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.6000	0.4000	0.6021	0.2000	0.9166
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.6707	0.3056	0.7334
AID644red		0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8404	0.1596	0.7651	0.5101	0.6023
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7238	0.1105	0.2705	0.2889	0.2942
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8744	0.1256	0.8607	0.7194	0.5087
anneal		0.8989	0.0404	0.6950	0.7756	0.1774
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9305	0.0348	0.6725	0.8646	0.1640
anuran-genus		0.9318	0.0170	0.7369	0.8854	0.1335
anuran-species		0.9389	0.0122	0.8612	0.9144	0.0897
anxiety		0.1500	0.1889	0.1354	0.0413	0.7730
apple-quality		0.7250	0.2750	0.7257	0.4500	0.7833
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia		0.7333	0.0533	0.4209	0.5140	0.1657

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.8775	0.1225	0.6470	0.2356	0.5913
audiology		0.8182	0.0331	0.7462	0.7822	0.0882
audit-risk		0.9487	0.0513	0.9465	0.8917	0.2547
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.5500	0.1800	0.4828	0.3857	0.3873
avila		0.5041	0.0827	0.2450	0.2367	0.3366
babies		0.4355	0.1613	0.1722	0.1098	0.4494
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.9085	0.0915	0.7393	0.4640	0.5735
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8476	0.1524	0.8372	0.6738	0.5763
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.5948	0.2026	0.5854	0.4597	0.5171
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0667	0.6667	0.7143	0.0602
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4900	0.3400	0.2641	-0.0049	0.3791
car		0.8448	0.0776	0.6062	0.6626	0.3540
card		0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography		0.7324	0.0535	0.5970	0.6741	0.2595
cardiotocography-nsp		0.8732	0.0845	0.7620	0.6202	0.4052
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9949	0.0034	0.9949	0.9924	0.0205
cars		0.6000	0.2667	0.4132	0.2593	0.6139
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.7235	0.2765	0.7207	0.4398	0.7874
cas_N6512_RDkit_MACCS_FP		0.7485	0.2515	0.7489	0.4966	0.7496
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9186	0.0814	0.6966	0.3296	0.4914
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml		0.8876	0.1124	0.7377	0.3588	0.3562
ci900367j_MACCS		0.6947	0.3053	0.6590	0.2941	0.8009
circles		0.7170	0.0057	0.7100	0.7141	0.0580
cirrhosis		0.7619	0.1587	0.5228	0.4976	0.3306
cjs		0.7500	0.0833	0.6637	0.6918	0.2591
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7713	0.1144	0.4948	0.6247	0.2970
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.7500	0.1667	0.8028	0.6000	0.3320
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4740	0.1964	0.7305
cnae-9		0.6111	0.0864	0.5007	0.5625	0.2441
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.8681	0.0132	0.8498	0.8611	0.0706
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		0.6000	0.0533	0.4622	0.5522	0.1950
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5862	0.4138	0.4937	-0.0116	0.9557
colposcopies-2		0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3		0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons10%		0.5173	0.4827	0.3409	0.0000	0.5256
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7548	0.2452	0.7555	0.5099	0.7391
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8756	0.0415	0.6463	0.7257	0.2381
cryotherapy		0.7778	0.2222	0.7750	0.5500	0.7072
cultivars		0.1250	0.0437	0.0933	0.1004	0.1512
cybersecurity		0.1633	0.2789	0.1641	-0.0079	0.8716
cyclopentane		0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands		0.6667	0.3333	0.6525	0.2779	0.8116
darwin		0.7222	0.2778	0.7358	0.4444	0.7161
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8827	0.1173	0.7477	0.4323	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7500	0.2500	0.6153	0.2105	0.7950
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5490	0.3007	0.3600	0.1263	0.5951
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.6250	0.3750	0.6202	0.2394	0.9011
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7765	0.1490	0.6847	0.6158	0.4099
drug-01		0.4043	0.1702	0.1520	0.0591	0.5474
drug-02		0.5106	0.1398	0.1693	0.1086	0.5108
drug-03		0.6862	0.0897	0.1412	0.0393	0.2917
drug-04		0.5213	0.1368	0.2135	0.0775	0.4276
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4362	0.1611	0.2941	0.2733	0.4117
drug-07		0.4734	0.1505	0.1451	0.0992	0.3349
drug-08		0.5745	0.1216	0.2341	0.1523	0.4073
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5426	0.1307	0.1443	0.1117	0.4161
drug-11		0.8511	0.0426	0.1317	0.0277	0.1222
drug-12		0.7872	0.0608	0.1258	-0.0056	0.2801
drug-13		0.6223	0.1079	0.2552	0.2503	0.3722
drug-14		0.6064	0.1125	0.2962	0.2619	0.3932
drug-15		0.7500	0.0714	0.1236	0.0299	0.3333

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-16			0.6011	0.1140	0.2447	0.3170	0.3768
drug-17			0.3670	0.1809	0.1762	0.1163	0.5210
drug-18			0.9947	0.0053	0.4987	0.0000	0.0228
drug-19			0.7500	0.0714	0.1224	-0.0246	0.3990
drybean			0.8406	0.0456	0.8559	0.8064	0.2042
ecoli			0.8529	0.0490	0.7357	0.7909	0.1686
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.7879	0.2121	0.7238	0.4460	0.7379
ecoliMU			0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM			0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce			0.1900	0.4050	0.1905	-0.0797	0.8909
eeg			0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye			0.5861	0.4139	0.5732	0.1111	0.8389
eeg10%			0.0626	0.1172	0.0134	0.0171	0.3970
email_phishing			0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus			0.6027	0.1589	0.5595	0.4793	0.4505
euthyroid			0.9399	0.0601	0.8084	0.5325	0.1598
exon.vs.intron-freq			0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%			0.5269	0.4731	0.3451	0.0000	0.5238
fakenews			0.5250	0.4750	0.5249	0.0497	0.9851
farm-ads			0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc			0.6545	0.0406	0.4562	0.5956	0.2284
fertility			0.9000	0.1000	0.4737	0.0000	0.2236
finance			0.5490	0.4510	0.5396	0.0786	0.9702
financial-risk			0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch			0.8750	0.0417	0.8088	0.8367	0.0567
flags			0.2000	0.2286	0.0476	0.0000	0.3593
forest			0.9231	0.0385	0.9170	0.8937	0.1261
gas			0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal			0.6250	0.2500	0.6148	0.4182	0.4923
gender			0.6021	0.2653	0.3816	0.1459	0.5600
gene			0.9211	0.0526	0.9106	0.8738	0.2261
german			0.7400	0.2600	0.6980	0.3705	0.7408
gestures			0.2491	0.3754	0.0997	0.0000	0.4043
gina			0.4899	0.5101	0.3288	0.0000	0.5294
glass			0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2			0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP			0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP			0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers			0.9091	0.0909	0.4762	0.0000	0.2092
glassNW			0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.7368	0.2632	0.7360	0.4693	0.7643
gli_85			0.2500	0.7500	0.2000	0.0000	0.4422
glioma			0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade			0.8810	0.1190	0.8790	0.7571	0.4898
green			0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage			0.4667	0.2667	0.5151	0.2593	0.4431
gsalc			0.5556	0.1481	0.5133	0.4783	0.2073
haberman			0.7333	0.2667	0.5793	0.1045	0.7293
hapt			0.0073	0.1654	0.0012	0.0000	0.3596
har			0.5775	0.1690	0.5698	0.4623	0.5724
har70			0.0899	0.2600	0.0236	0.0000	0.3023
har701%			0.7619	0.0680	0.3884	0.6130	0.1560
har7010%			0.0899	0.2600	0.0236	0.0000	0.3023
harth			0.0610	0.1565	0.0096	0.0000	0.3036
harth1%			0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure		0.8360	0.1640	0.8078	0.6153	0.6252
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6264	0.3736	0.6230	0.2438	0.9015
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1556	0.0833	0.3290
hinselmann		0.5000	0.5000	0.3333	-0.3158	0.8298
hitters		0.4688	0.5312	0.3191	0.0000	0.5307
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6111	0.2593	0.5542	0.3298	0.6364
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9777	0.0223	0.9297	0.8554	0.1927
hypothyroid		0.9337	0.0332	0.4488	0.4801	0.1704
hypothyroidT		0.9523	0.0477	0.8053	0.5500	0.2570
ilpd		0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9407	0.0297	0.9419	0.9209	0.1165
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8090	0.1910	0.5996	0.1051	0.5874
jvowels		0.9167	0.0185	0.9115	0.9055	0.1221
kc1		0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.7692	0.0923	0.5122	0.4868	0.2637
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.0526	0.9474	0.0500	0.0000	0.1368
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.8201	0.1199	0.7565	0.7006	0.2785
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2706	0.0810	0.2248	0.1648	0.5322
krvskp		0.9373	0.0627	0.9382	0.8747	0.3025
la1s-wc		0.2317	0.2561	0.0627	0.0000	0.3731
la2s-wc		0.2517	0.2494	0.0670	0.0000	0.3690
labor		0.8333	0.1667	0.8537	0.6667	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
leaf		0.5882	0.0358	0.5395	0.5685	0.1216
led24		0.7500	0.0556	0.7684	0.7167	0.1354
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.0410	0.0738	0.0069	0.0068	0.4349
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.6667	0.0444	0.6322	0.6424	0.1246
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9157	0.0843	0.9098	0.8192	0.3914
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.3865	0.1115	0.1543	0.1437	0.4758
lrs		0.8302	0.0485	0.5237	0.7608	0.1297
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7764	0.2236	0.7462	0.4850	0.7134
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8535	0.7064	0.5488
marketing		0.8661	0.1339	0.6667	0.2640	0.5692
maternal		0.6436	0.2376	0.6494	0.4495	0.5354
math		0.8000	0.1000	0.7750	0.6819	0.2514
mba		0.8242	0.1172	0.3864	0.1229	0.3792
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2133	0.3147	0.2168	0.0138	0.8464
messidor		0.7043	0.2957	0.7092	0.4120	0.7966
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.5556	0.2222	0.6290	0.3712	0.4201
meter-D		0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac		0.9550	0.0090	0.9554	0.9500	0.0543
mfeat-fou		0.7950	0.0410	0.7946	0.7722	0.1797
mfeat-kar		0.9500	0.0100	0.9516	0.9444	0.0626
mfeat-mor		0.7150	0.0570	0.7166	0.6833	0.2151
mfeat-pix		0.9550	0.0090	0.9576	0.9500	0.0508
mfeat-zer		0.7800	0.0440	0.7782	0.7556	0.1779
mice-prot		0.9537	0.0116	0.9555	0.9470	0.0536
milk		0.8585	0.0943	0.8664	0.7877	0.2966
mines		0.5000	0.2000	0.4713	0.3717	0.4615
mobile		0.5035	0.0177	0.5082	0.4945	0.2074
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.4739	0.0957	0.4672	0.3572	0.5352
musk		0.8455	0.1545	0.4581	0.0000	0.2996

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7098	0.2902	0.7010	0.4019	0.8135
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.2002	0.1525	0.3229
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9912	0.0088	0.9835	0.9670	0.1081
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4722	0.3519	0.2778	-0.0588	0.5706
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.6682	0.0948	0.6574	0.6129	0.3401
obs		0.7870	0.1065	0.8008	0.6766	0.2654
occupancy		0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation		0.9664	0.0168	0.8953	0.8972	0.0958
oh0-wc		0.2079	0.1584	0.1005	0.1447	0.3963
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.6630	0.0674	0.5758	0.6135	0.2628
oh5-wc		0.2198	0.1560	0.0725	0.1149	0.3846
olive		0.9298	0.0156	0.9204	0.9124	0.0471
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr		0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8299	0.1701	0.8053	0.6052	0.6112
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9127	0.0873	0.9125	0.8249	0.3952
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9525	0.0190	0.6164	0.6878	0.1292
parkinson		0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons		0.8009	0.1991	0.7922	0.5833	0.6727
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4742	0.5258	0.4407	-0.1161	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pd			0.8421	0.1579	0.7770	0.5472	0.6265
pediatric-leukemia			0.4118	0.1681	0.3433	0.2766	0.4483
pendigits			0.8981	0.0204	0.9012	0.8867	0.1260
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.8251	0.1749	0.8121	0.6238	0.6279
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9050	0.0950	0.8912	0.7757	0.3893
phishing			0.9469	0.0531	0.9442	0.8880	0.2777
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.2205	0.2227	0.1530	0.0808	0.5277
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.2613	0.2111	0.1837	0.1271	0.4685
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7704	0.2296	0.7047	0.4064	0.7606
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.0751	0.6166	0.0466	0.0000	0.2413
placement			0.7980	0.2020	0.7926	0.5851	0.6741
plant-growth			0.8947	0.1053	0.8944	0.7889	0.4478
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9439	0.0561	0.4856	-0.0058	0.3707
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6933	0.3824	0.8214
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.5152	0.0746	0.4490	0.4601	0.2500
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7164	0.2836	0.6476	0.2629	0.7776
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9808	0.0192	0.9407	0.8764	0.1278
raisin			0.9333	0.0667	0.9333	0.8667	0.3271
re0-wc			0.0133	0.1518	0.0020	0.0000	0.3290
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rice			0.9857	0.0143	0.9856	0.9711	0.0974
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6009	0.3991	0.5651	0.1216	0.9203
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8149	0.0617	0.7584	0.7681	0.2094
satimageF			0.9844	0.0156	0.9589	0.9167	0.1403
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6471	0.3529	0.6481	0.2941	0.8778
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9134	0.0247	0.9200	0.8987	0.1076
segmentation			0.8069	0.1931	0.7858	0.5698	0.6665
segmentO			0.9524	0.0476	0.9008	0.7980	0.3222
seismic			0.9380	0.0620	0.6847	0.1046	0.1594
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.1339	0.8661	0.1181	0.0000	0.2968
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-9-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9469	0.0530	0.7418	0.4487	0.4644
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming			0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2133	0.3147	0.2126	0.0148	0.8555
solar-flare			0.7410	0.0863	0.6429	0.6673	0.2390
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9118	0.0093	0.8847	0.9031	0.0512
spam-detection			0.9430	0.0570	0.8104	0.6092	0.4519
spambase			0.9152	0.0848	0.9115	0.8191	0.3596
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.3269	0.0499	0.1645	0.2789	0.2183
splice-EI			0.9590	0.0410	0.9488	0.8952	0.2904
splice-IE			0.9054	0.0946	0.8658	0.7306	0.4739
sport-articles			0.8600	0.1400	0.8486	0.6857	0.4988
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8000	0.2000	0.6645	0.3185	0.7474

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9590	0.0410	0.9361	0.8718	0.2764
steel-o			0.7385	0.2615	0.6950	0.3609	0.7364
steel-p			0.9333	0.0667	0.7287	0.4051	0.4581
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9590	0.0410	0.8893	0.7772	0.4339
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8889	0.1111	0.7920	0.5583	0.4961
stockb			0.8855	0.0764	0.8881	0.8283	0.1925
streaming			0.7860	0.2140	0.7842	0.5682	0.6920
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6350	0.1460	0.3439	0.3897	0.3820
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4000	0.2400	0.1843	0.0467	0.4650
student-weekend			0.3692	0.2523	0.2612	0.1274	0.6302
student-workday			0.6875	0.1250	0.2125	0.1369	0.4246
studentap			0.6154	0.2564	0.5887	0.3981	0.5416
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.3124	0.6876	0.2380	0.0000	0.4886
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.9006	0.0994	0.8694	0.7371	0.4673
texture			0.8418	0.0288	0.8223	0.8252	0.1131
theorem			0.9787	0.0213	0.9783	0.9560	0.1161
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9684	0.0316	0.9645	0.9288	0.1892
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8358	0.1642	0.7581	0.4715	0.5503
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.2439	0.1680	0.0987	0.1062	0.3914
trec12-wc			0.1935	0.2016	0.1423	0.0337	0.3698
trec21-wc			0.1212	0.3515	0.0432	0.0000	0.2551
trec23-wc			0.4762	0.1746	0.3988	0.2476	0.3742
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1014	0.1797	0.0184	0.0000	0.3744
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.8000	0.1000	0.7979	0.7333	0.2139
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9000	0.1000	0.8917	0.7825	0.4367
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7313	0.0597	0.7044	0.6825	0.1811
urinalysis			0.9441	0.0559	0.6312	0.1817	0.4666
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.6905	0.1548	0.6426	0.5784	0.3528
vehicleVAN			0.8929	0.1071	0.8550	0.7097	0.5113

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.4343	0.1028	0.4361	0.3778	0.2729
vowelZ			1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.9231	0.0154	0.9583	0.9133	0.0343
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.2251	0.2214	0.1442	0.0913	0.4832
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2200	0.3900	0.2197	-0.0400	0.8832
waveform			0.8640	0.0907	0.8641	0.7960	0.3284
weather-related			0.0635	0.1703	0.0109	0.0000	0.3962
web-phishing			0.7926	0.1383	0.5502	0.6135	0.4848
Weekly			0.9722	0.0278	0.9719	0.9436	0.1670
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc			0.9850	0.0075	0.9850	0.9800	0.0346
wilt			0.9545	0.0455	0.6776	0.2518	0.3790
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5723	0.1426	0.2368	0.2826	0.3825
winequality-white			0.5194	0.1373	0.2430	0.2113	0.4216
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7467	0.7983	0.0412
yeast			0.5068	0.1096	0.3567	0.3620	0.4160
yeastCYT-POX			0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9054	0.0189	0.8985	0.8938	0.1374

Table 68: Detailed results for GPLS(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1855	0.0776	0.1775	0.1016	0.4826
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.6000	0.4000	0.6021	0.2000	0.9166
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.1810	0.8190	0.1532	0.0000	0.3661
AID_602330		0.0417	0.9583	0.0400	0.0000	0.1107
AID_652128		0.1010	0.5993	0.1359	0.0158	0.2609
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.0583	0.9417	0.0550	0.0000	0.1497
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6000	0.4000	0.4724	-0.0526	0.9519
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8404	0.1596	0.7651	0.5101	0.6023
air_pollution		0.1000	0.2571	0.1100	-0.0017	0.8007
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7619	0.0952	0.4131	0.3952	0.2753
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8744	0.1256	0.8607	0.7194	0.5087
anneal		0.8539	0.0584	0.7833	0.6553	0.2911
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9861	0.0139	0.4965	-0.0067	0.5619
anuran-family		0.9416	0.0292	0.8185	0.8867	0.1416
anuran-genus		0.9597	0.0101	0.8856	0.9332	0.1268
anuran-species		0.9694	0.0061	0.9282	0.9574	0.0548
anxiety		0.1083	0.1981	0.1064	-0.0049	0.8068
apple-quality		0.7225	0.2775	0.7233	0.4450	0.7864
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.6000	0.0800	0.4996	0.3784	0.2442
auction		0.8824	0.1176	0.6624	0.2491	0.5423
audiology		0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk		0.9359	0.0641	0.9334	0.8639	0.2894
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6500	0.1400	0.6517	0.5333	0.3457
avila		0.5496	0.0751	0.3360	0.3266	0.4255
babies		0.4113	0.1682	0.1360	0.0820	0.5649
balance		0.8710	0.0860	0.6121	0.7627	0.3913
bank		0.9085	0.0915	0.7393	0.4640	0.5735
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8476	0.1524	0.8372	0.6738	0.5763
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6172	0.1914	0.6140	0.4896	0.5189
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7490	0.6733	0.1057
bridges		0.7000	0.1000	0.6496	0.5946	0.1728
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.0990	0.6007	0.0601	0.0000	0.4064
car		0.8793	0.0603	0.7897	0.7447	0.3362
car-insurance		0.8200	0.1800	0.7843	0.5656	0.6520
card		0.8551	0.1449	0.8510	0.6968	0.5304
cardiotocography		0.8122	0.0376	0.7469	0.7735	0.2144
cardiotocography-nsp		0.8779	0.0814	0.7817	0.6533	0.4359
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0106
cars		0.6750	0.2167	0.5101	0.4222	0.4970
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.7235	0.2765	0.7207	0.4398	0.7874

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7485	0.2515	0.7489	0.4966	0.7496
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.7000	0.3000	0.6986	0.3971	0.8217
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9302	0.0698	0.4819	-0.0320	0.6578
cervical-S		0.9186	0.0814	0.6966	0.3296	0.4914
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.0012	0.9988	0.0012	0.0000	0.0034
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.0783	0.9217	0.0726	0.0000	0.1935
churn		0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml		0.8876	0.1124	0.7377	0.3588	0.3562
ci900367j_MACCS		0.7158	0.2842	0.6910	0.3794	0.8107
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7857	0.1429	0.5388	0.5521	0.3151
cjs		0.8929	0.0357	0.8680	0.8689	0.1265
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8046	0.0977	0.5657	0.6941	0.3134
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.1000	0.9000	0.0909	0.0000	0.2369
cmc		0.4898	0.3401	0.4615	0.1979	0.7487
cnae-9		0.8796	0.0267	0.8962	0.8646	0.1133
codon_usage		0.8258	0.0317	0.6825	0.7870	0.2335
coil20		0.9722	0.0028	0.9736	0.9708	0.0189
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		0.7200	0.0373	0.6380	0.6900	0.1405
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5517	0.4483	0.4647	-0.0680	0.9793
colposcopies-2		0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3		0.6552	0.3448	0.6372	0.2714	0.8780
colposcopies-4		0.7241	0.2759	0.6025	0.1831	0.8141
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7572	0.2428	0.7580	0.5147	0.7347
coupon		0.5686	0.4314	0.3625	0.0000	0.5122

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8848	0.0384	0.7463	0.7526	0.2618
cryotherapy		0.6667	0.3333	0.6582	0.3077	0.8482
cultivars		0.3750	0.0312	0.2370	0.3574	0.0936
cybersecurity		0.1733	0.2756	0.1702	0.0037	0.8584
cyclopentane		0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands		0.6296	0.3704	0.6174	0.2340	0.9050
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8858	0.1142	0.7564	0.4416	0.4305
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.1678	0.8322	0.1437	0.0000	0.3484
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7500	0.2500	0.6153	0.2105	0.7950
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%		0.5686	0.2876	0.3660	0.1492	0.5586
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.9062	0.0938	0.9076	0.7983	0.3833
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.6250	0.3750	0.6202	0.2394	0.9011
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5631	0.4369	0.5593	0.1176	0.9576
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7833	0.1445	0.7096	0.6369	0.4307
drug-01		0.3777	0.1778	0.1217	0.0290	0.5946
drug-02		0.5053	0.1413	0.1561	0.0843	0.4620
drug-03		0.1330	0.2477	0.1442	0.0521	0.6201
drug-04		0.5319	0.1337	0.1807	0.0861	0.4657
drug-05		0.0479	0.2720	0.0394	-0.0038	0.5493
drug-06		0.4255	0.1641	0.2672	0.2683	0.5198
drug-07		0.0160	0.2812	0.0051	-0.0086	0.4800
drug-08		0.2979	0.2006	0.1977	0.0714	0.6004
drug-09		0.0638	0.3121	0.0448	0.0109	0.3172
drug-10		0.2340	0.2188	0.2238	0.0356	0.5400
drug-11		0.0585	0.2690	0.0389	0.0189	0.3872
drug-12		0.0957	0.2584	0.0749	0.0350	0.3701

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-13			0.5798	0.1201	0.1548	0.1282	0.3959
drug-14			0.5904	0.1170	0.2478	0.2407	0.5529
drug-15			0.0691	0.2660	0.0728	0.0182	0.5297
drug-16			0.5319	0.1337	0.2175	0.2128	0.4325
drug-17			0.3723	0.1793	0.2417	0.1277	0.4965
drug-18			0.0053	0.9947	0.0053	0.0000	0.0152
drug-19			0.1117	0.2538	0.0463	0.0330	0.3658
drybean			0.9287	0.0204	0.9406	0.9138	0.1164
ecoli			0.8235	0.0588	0.7096	0.7524	0.1492
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.8182	0.1818	0.7525	0.5050	0.6964
ecoliMU			0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM			0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce			0.2200	0.3900	0.2216	-0.0396	0.8677
eeg			0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye			0.5868	0.4132	0.5742	0.1124	0.8371
eeg10%			0.3367	0.0829	0.3218	0.2611	0.5858
email_phishing			0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus			0.6712	0.1315	0.6448	0.5758	0.3761
euthyroid			0.9399	0.0601	0.8056	0.5503	0.2762
exon.vs.intron-freq			0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%			0.5269	0.4731	0.3451	0.0000	0.5238
fakenews			0.5475	0.4525	0.5474	0.0949	0.9702
farm-ads			0.5338	0.4662	0.3480	0.0000	0.5222
fertility			0.1000	0.9000	0.0909	0.0000	0.2369
finance			0.5882	0.4118	0.5799	0.1587	0.9396
financial-risk			0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch			0.8750	0.0417	0.8833	0.8416	0.1096
flags			0.3000	0.2000	0.0659	0.0000	0.3486
forest			0.9038	0.0481	0.9013	0.8678	0.1373
gas			0.7743	0.0752	0.7841	0.7277	0.2564
gastrointestinal			0.7500	0.1667	0.7551	0.5924	0.3347
gender			0.5958	0.2695	0.4187	0.1540	0.6813
gene			0.9306	0.0463	0.9221	0.8891	0.2058
german			0.7400	0.2600	0.6980	0.3705	0.7408
gestures			0.2517	0.3741	0.1005	0.0000	0.4040
gina			0.5101	0.4899	0.3378	0.0000	0.5269
gisette			0.5000	0.5000	0.3333	0.0000	0.5283
glass			0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2			0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP			0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP			0.6190	0.3810	0.5000	0.0000	0.9172
glassContainers			0.9091	0.0909	0.4762	0.0000	0.2092
glassNW			0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware			0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.7368	0.2632	0.7360	0.4693	0.7643
gli_85			0.7500	0.2500	0.4286	0.0000	0.4011
glioma			0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade			0.8690	0.1310	0.8660	0.7317	0.5218
green			0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage			0.2667	0.3667	0.3131	0.0060	0.5745
gsalc			1.0000	0.0000	1.0000	1.0000	0.0000
haberman			0.7333	0.2667	0.5793	0.1045	0.7293
hapt			0.1812	0.1365	0.0256	0.0000	0.3246
har			0.3481	0.2608	0.2106	0.1165	0.4594
har70			0.4777	0.1492	0.0924	0.0000	0.2651
har701%			0.3336	0.1904	0.3764	0.2771	0.2215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth		0.4492	0.0918	0.0517	0.0000	0.2692
harth1%		0.4493	0.0918	0.0517	0.0000	0.2692
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.1200	0.4400	0.1034	-0.0088	0.5649
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.8400	0.1600	0.8119	0.6234	0.6155
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6264	0.3736	0.6230	0.2438	0.9015
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.1529	0.0667	0.3370
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5833	0.2778	0.4102	0.2253	0.6441
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.1368	0.8632	0.1204	0.0000	0.3017
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.9777	0.0223	0.9297	0.8554	0.1927
hypothyroid		0.9098	0.0451	0.3015	0.3454	0.3709
hypothyroidT		0.9523	0.0477	0.8053	0.5500	0.2570
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9407	0.0297	0.9421	0.9209	0.1144
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9397	0.0046	0.9411	0.9373	0.0559
jm1		0.8072	0.1928	0.5930	0.1013	0.6059
jvowels		0.9478	0.0116	0.9449	0.9408	0.0829
kc1		0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.0769	0.3692	0.0500	0.0000	0.3504
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.8326	0.1116	0.7782	0.7212	0.2758
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2927	0.0786	0.2596	0.1974	0.5968

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krvskp		0.9279	0.0721	0.9290	0.8559	0.3341
labor		0.5000	0.5000	0.5000	0.0000	0.9298
leaf		0.7647	0.0205	0.7370	0.7521	0.0670
led24		0.7000	0.0667	0.7575	0.6601	0.1682
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7860	0.0165	0.7855	0.7774	0.2170
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8333	0.0222	0.8443	0.8210	0.0794
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9157	0.0843	0.9097	0.8188	0.3882
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.4284	0.1039	0.1976	0.2490	0.5336
lrs		0.8868	0.0323	0.6525	0.8427	0.0688
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2		0.8889	0.0370	0.8163	0.8421	0.0589
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7764	0.2236	0.7462	0.4850	0.7134
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8535	0.7064	0.5488
marketing		0.8750	0.1250	0.6965	0.2884	0.4631
maternal		0.6634	0.2244	0.6617	0.4812	0.4807
math		0.7750	0.1125	0.7327	0.6548	0.3829
mba		0.0161	0.6559	0.0106	0.0000	0.2224
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2233	0.3107	0.2253	0.0268	0.8396
messidor		0.7043	0.2957	0.7092	0.4120	0.7966
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.8471	0.6870	0.1182
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.9600	0.0080	0.9604	0.9556	0.0478
mfeat-fou		0.8000	0.0400	0.8010	0.7778	0.1771
mfeat-kar		0.9650	0.0070	0.9662	0.9611	0.0437
mfeat-mor		0.7200	0.0560	0.7263	0.6889	0.1952
mfeat-pix		0.9650	0.0070	0.9660	0.9611	0.0440
mfeat-zer		0.7900	0.0420	0.7908	0.7667	0.1580
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8491	0.1006	0.8592	0.7741	0.3041
mines		0.5000	0.2000	0.4355	0.3738	0.4046
mobile		0.8217	0.0064	0.8327	0.8184	0.0814
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.5178	0.4822	0.3412	0.0000	0.5256

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
music		0.4894	0.0928	0.4861	0.3789	0.5237
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.7098	0.2902	0.7010	0.4019	0.8135
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.5739	0.4261	0.3646	0.0000	0.5103
myocardial		0.0235	0.2441	0.0672	0.0044	0.4777
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.6667	0.1111	0.6061	0.6000	0.1254
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		0.9912	0.0088	0.9835	0.9670	0.1081
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4722	0.3519	0.2907	-0.0451	0.5732
nursery		0.3449	0.3275	0.3318	0.0233	0.3459
obesity		0.7867	0.0609	0.7862	0.7512	0.2342
obs		0.8056	0.0972	0.8355	0.7034	0.2508
occupancy		0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation		0.9901	0.0049	0.9696	0.9699	0.0459
oh0-wc		0.7921	0.0416	0.7673	0.7603	0.2020
oh10-wc		0.7143	0.0571	0.6797	0.6727	0.2541
oh15-wc		0.6957	0.0609	0.6838	0.6523	0.2796
oh5-wc		0.7473	0.0505	0.7648	0.7128	0.2144
olive		0.9474	0.0117	0.9345	0.9347	0.0365
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9573	0.0085	0.9601	0.9525	0.0584
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr		0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8299	0.1701	0.8053	0.6052	0.6112
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9127	0.0873	0.9125	0.8249	0.3952
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9598	0.0161	0.6793	0.7491	0.2829
parkinson		0.9500	0.0500	0.9488	0.8972	0.2733
parkinsons		0.8104	0.1896	0.8008	0.6012	0.6568
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.7192	0.2808	0.4183	0.0000	0.4269
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pcmac			0.4588	0.5412	0.4344	-0.1305	1.0000
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8421	0.1579	0.7770	0.5472	0.6265
pediatric-leukemia			0.6471	0.1008	0.5779	0.5632	0.3208
pendigits			0.9663	0.0067	0.9670	0.9626	0.0521
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.8251	0.1749	0.8121	0.6238	0.6279
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.9050	0.0950	0.8912	0.7757	0.3893
phishing			0.9510	0.0490	0.9485	0.8965	0.2569
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%			0.6072	0.1122	0.6005	0.5402	0.3734
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%			0.6088	0.1118	0.5831	0.5411	0.3881
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7704	0.2296	0.7047	0.4064	0.7606
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.8896	0.0736	0.6421	0.5358	0.1206
placement			0.7980	0.2020	0.7924	0.5848	0.6741
plant-growth			0.8947	0.1053	0.8944	0.7889	0.4478
plrx			0.2778	0.7222	0.2174	0.0000	0.4652
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.0205	0.2799	0.0058	-0.0008	0.4746
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9429	0.0571	0.4853	-0.0076	0.4138
polish-5th			0.0694	0.9306	0.0649	0.0000	0.1745
polya			0.6422	0.3578	0.3910	0.0000	0.4790
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6919	0.3824	0.8284
prestige			0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor			0.5152	0.0746	0.5162	0.4612	0.2387
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7761	0.2239	0.7384	0.4741	0.7318
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.5854	0.1658	0.4966	0.4391	0.3948
pufs-128			0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9808	0.0192	0.9407	0.8764	0.1278
raisin			0.9333	0.0667	0.9333	0.8667	0.3271
re0-wc			0.6600	0.0523	0.6240	0.5636	0.2295

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9852	0.0148	0.9850	0.9700	0.1000
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6009	0.3991	0.5651	0.1216	0.9203
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8414	0.0529	0.8001	0.8034	0.2156
satimageF			0.9844	0.0156	0.9589	0.9167	0.1403
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.5714	0.1714	0.4978	0.4474	0.2143
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9134	0.0247	0.9207	0.8988	0.1084
segmentation			0.8069	0.1931	0.7858	0.5698	0.6665
segmentO			0.9784	0.0216	0.9564	0.9127	0.2047
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-10-gram			0.8609	0.1391	0.4626	-0.0102	0.4516
sens-2-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9443	0.0557	0.7307	0.4346	0.5026
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming			0.1800	0.4100	0.1817	-0.0904	0.8813
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1800	0.3280	0.1806	-0.0263	0.8857
solar-flare			0.7626	0.0791	0.7139	0.6940	0.1893
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.9559	0.0046	0.9051	0.9515	0.0168
spam-detection			0.9430	0.0570	0.8104	0.6092	0.4519
spambase			0.9109	0.0891	0.9071	0.8095	0.3693
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.6346	0.0271	0.5152	0.6127	0.1290
splice-EI			0.9495	0.0505	0.9362	0.8705	0.3309
splice-IE			0.9085	0.0915	0.8728	0.7456	0.4757
sport-articles			0.8600	0.1400	0.8486	0.6857	0.4988
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8000	0.2000	0.6645	0.3185	0.7474
steel-d			0.0308	0.9692	0.0299	0.0000	0.0835
steel-k			0.9641	0.0359	0.9469	0.8929	0.2915
steel-o			0.7436	0.2564	0.7017	0.3758	0.7304
steel-p			0.9077	0.0923	0.5525	0.0695	0.5980
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9590	0.0410	0.8893	0.7772	0.4339
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8958	0.1042	0.8069	0.5931	0.4811
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.8000	0.2000	0.7995	0.5980	0.6638
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5600	0.1760	0.3887	0.3345	0.5960
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4200	0.2320	0.1962	0.0859	0.5593
student-weekend			0.3385	0.2646	0.1928	0.0630	0.6645
student-workday			0.6562	0.1375	0.2201	0.0845	0.5596
studentap			0.5385	0.3077	0.5822	0.2642	0.5113
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.4580	0.5420	0.3141	0.0000	0.5307
tae			0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn			0.9006	0.0994	0.8692	0.7361	0.4643
texture			0.9855	0.0026	0.9860	0.9840	0.0202
theorem			0.9951	0.0049	0.9950	0.9899	0.0414
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9579	0.0421	0.9529	0.9058	0.2511
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.8209	0.1791	0.7495	0.4970	0.6882
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.8235	0.0882	0.8375	0.7650	0.1709
toxicity			0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f			0.7059	0.2941	0.6898	0.2056	0.4505
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.5484	0.1129	0.5424	0.4143	0.2870
trec21-wc			0.5455	0.1818	0.1775	-0.0270	0.3541
trec23-wc			0.3810	0.2063	0.3403	0.1752	0.3638
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.7750	0.1125	0.7861	0.7000	0.2480
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.8923	0.1077	0.8836	0.7668	0.4642
tvnews10%			0.8512	0.1488	0.8376	0.6727	0.5621
ur3_cobotops_grip			0.0327	0.9673	0.0316	0.0000	0.0883
ur3_cobotops_stop			0.0367	0.9633	0.0354	0.0000	0.0985
urban			0.7761	0.0498	0.8212	0.7378	0.1613
urinalysis			0.9441	0.0559	0.6312	0.1817	0.4666
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vehicle			0.7143	0.1429	0.6775	0.6148	0.3466
vehicleVAN			0.7857	0.2143	0.7331	0.4627	0.7302
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.6768	0.0588	0.6924	0.6444	0.1852
vowelZ			0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7949	0.0205	0.5802	0.7694	0.1299
warpar10p			0.9231	0.0154	0.8743	0.9133	0.0195
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.3016	0.1995	0.2210	0.1700	0.5244
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.3737	0.1789	0.3416	0.2653	0.5175
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2167	0.3917	0.2152	-0.0453	0.8871
waveform			0.8480	0.1013	0.8480	0.7720	0.3559
weather-related			0.0635	0.1703	0.0109	0.0000	0.3962
web-phishing			0.7926	0.1383	0.6011	0.6193	0.5008
Weekly			0.9815	0.0185	0.9812	0.9625	0.1262
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5723	0.1426	0.2739	0.3060	0.5098
winequality-white			0.2618	0.2109	0.2267	0.1084	0.4805
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7496	0.7322	0.0603
yeast			0.4730	0.1171	0.3917	0.3174	0.3573
yeastCYT-POX			0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9129	0.0174	0.9064	0.9023	0.1287

Table 69: Detailed results for GPP

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.6000	0.4000	0.6021	0.2000	0.9166
ads		0.9787	0.0213	0.9547	0.9073	0.1433
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8826	0.1174	0.8349	0.6668	0.5304
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8857	0.0457	0.7073	0.7389	0.1323
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.9069	0.0931	0.7550	0.4676	0.4810
audiology		0.9545	0.0083	0.9705	0.9463	0.0239
audit-risk		0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7000	0.1000	0.5391	0.5876	0.2021
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.4274	0.1636	0.1371	0.0837	0.3757
balance		0.9194	0.0538	0.8221	0.8501	0.1639
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio10%		0.0089	0.9911	0.0088	0.0000	0.0253
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7206	0.4324	0.7241
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9655	0.0172	0.9462	0.9268	0.1561
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography		0.8404	0.0319	0.8029	0.8080	0.2022
cardiotocography-nsp		0.1361	0.5759	0.0799	0.0000	0.2637
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6055	0.4890	0.5471
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9419	0.0581	0.7589	0.5147	0.5542
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.0009	0.9991	0.0009	0.0000	0.0027
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7263	0.2737	0.6979	0.3781	0.7671
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.7381	0.1746	0.4960	0.4774	0.4117
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5374	0.3084	0.5111	0.2728	0.7169
cnae-9		0.9352	0.0144	0.9405	0.9271	0.0687
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.7273	0.2727	0.4211	0.0000	0.4205
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.7241	0.2759	0.6740	0.3256	0.7761
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.4952	0.5048	0.3312	0.0000	0.5289
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.9074	0.0926	0.8093	0.5855	0.4167
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.3750	0.4167	0.2727	-0.1111	0.5095
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.5625	0.2917	0.5963	0.3086	0.5178
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5686	0.2876	0.3660	0.1492	0.5586
diabetic10%		0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.3228	0.4515	0.1627	0.0000	0.3888
drug-01		0.4309	0.1626	0.1956	0.0966	0.4996
drug-02		0.5106	0.1398	0.1182	0.0197	0.3804
drug-03		0.6809	0.1064	0.1354	-0.0049	0.3173
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2181	0.2234	0.0512	0.0000	0.3777
drug-07		0.4309	0.1897	0.1004	0.0000	0.2655
drug-08		0.5479	0.1292	0.1871	0.1267	0.4478
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5532	0.1277	0.1511	0.1163	0.3527
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6170	0.1094	0.1727	0.2194	0.3630
drug-14		0.6064	0.1125	0.2899	0.2383	0.3655
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5904	0.1365	0.3068	0.3218	0.4936
drug-17		0.1064	0.2553	0.0275	0.0000	0.3792
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.2608	0.2112	0.0591	0.0000	0.3690
ecoli		0.8235	0.0441	0.5314	0.7521	0.1377
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8254	0.6393	0.5094
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
eucalyptus		0.6164	0.1534	0.5791	0.5034	0.4127
euthyroid		0.9462	0.0538	0.8310	0.5977	0.1480
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7059	0.2941	0.7074	0.3846	0.7439
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.6500	0.1000	0.4122	0.5556	0.2645
forest		0.9231	0.0385	0.9006	0.8941	0.1186
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.6250	0.2500	0.5916	0.3846	0.5695
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.9338	0.0442	0.9267	0.8937	0.2073
german		0.7500	0.2500	0.7110	0.3902	0.7087
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9683	0.0317	0.9683	0.9366	0.1871
glass		0.7143	0.0952	0.5344	0.5800	0.2400
glass-g2		0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.2667	0.3667	0.2147	-0.0248	0.6735
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
har		0.2844	0.2862	0.0886	0.0000	0.3861
har701%		0.0898	0.2601	0.0235	0.0000	0.3024
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.4375	0.3750	0.5187	0.0886	0.5188
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higher		0.2143	0.1964	0.0577	0.0191	0.3425
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.6667	0.2222	0.6453	0.3846	0.4620
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.2982	0.4679	0.1531	0.0000	0.4201
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.1564	0.8436	0.1352	0.0000	0.3319
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5000	0.0250	0.2914	0.4830	0.0787
led24		0.7000	0.0600	0.6650	0.6610	0.1248
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.0833	0.1222	0.0103	0.0000	0.4070
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9461	0.0539	0.9425	0.8841	0.2728
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.0943	0.2588	0.0246	0.0000	0.3411
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0714	0.6830	0.7500	0.1548

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8235	0.6458	0.6162
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6337	0.2442	0.6384	0.4352	0.5418
math		0.7750	0.1125	0.7605	0.6429	0.2740
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.4348	0.5652	0.3030	0.0000	0.5294
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.8003	0.6104	0.2026
meter-D		0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.7100	0.0580	0.7165	0.6778	0.1944
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.9340	0.0440	0.9259	0.8987	0.1587
mines		0.5000	0.2000	0.4489	0.3745	0.3937
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.7818	0.2182	0.7822	0.5629	0.6930
monks-2		0.7705	0.2295	0.7337	0.4411	0.6840
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.1545	0.8455	0.1339	0.0000	0.3292
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9956	0.0044	0.9917	0.9833	0.0224

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5139	0.3241	0.3066	-0.0084	0.4955
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.4630	0.2685	0.1582	0.0000	0.3435
occupancy		0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation		0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.8242	0.0352	0.8303	0.8006	0.1573
olive		0.0526	0.2105	0.0111	0.0000	0.3790
opn310k		0.0909	0.9091	0.0833	0.0000	0.2192
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8889	0.1111	0.8909	0.7782	0.4492
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9031	0.0388	0.1898	0.0000	0.0975
parkinson		0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9079	0.0921	0.8728	0.7407	0.4303
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.1028	0.1794	0.0186	0.0000	0.4062
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%		0.1418	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%		0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.7167	0.2833	0.4175	0.0000	0.4290
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.6842	0.3158	0.6560	0.2808	0.7925
pirvision		0.8165	0.1224	0.2997	0.0000	0.2067
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.6842	0.3158	0.6841	0.3596	0.8222
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6068	0.2059	0.9040
prestige			0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor			0.3030	0.0634	0.1233	0.2380	0.2254
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.8060	0.1940	0.7711	0.5330	0.6591
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9222	0.0778	0.9223	0.8444	0.3630
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.4078	0.5922	0.2897	0.0000	0.5255
satimage			0.2271	0.2576	0.0617	0.0000	0.3819
satimageF			0.8911	0.1089	0.4712	0.0000	0.2371
satimageT			0.1011	0.8989	0.0918	0.0000	0.2389
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6397	0.2353	0.7947
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.0641	0.9359	0.0602	0.0000	0.1629
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9264	0.0210	0.9352	0.9139	0.0885
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7626	0.0791	0.6918	0.6941	0.1853
sonar			0.8000	0.2000	0.8062	0.6000	0.6236
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.3957	0.6043	0.2835	0.0000	0.5229
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.9429	0.0571	0.9300	0.8600	0.3290
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.9716	0.0284	0.9626	0.9251	0.2138
splice-IE			0.9401	0.0599	0.9155	0.8302	0.3423
sport-articles			0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.8000	0.2000	0.7730	0.5392	0.6699
steel-p			0.9436	0.0564	0.7817	0.5324	0.4232
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9236	0.0764	0.8636	0.7209	0.4165
stockb			0.9339	0.0441	0.9350	0.9009	0.1369
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4100	0.2360	0.2100	0.0508	0.3868
student-weekend			0.3385	0.2646	0.1736	0.0282	0.5841
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.4016	0.0370	0.6893
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.4580	0.5420	0.3141	0.0000	0.5307
tae			0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis10%			0.8134	0.1866	0.7250	0.4339	0.6798
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc			0.7805	0.0488	0.5526	0.7198	0.1416
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.9091	0.0364	0.7365	0.7876	0.0938
trec23-wc			0.6667	0.1111	0.4901	0.5084	0.2687
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.7536	0.0493	0.7246	0.7093	0.2057
tuandromd			0.2018	0.7982	0.1679	0.0000	0.3921
turkish			0.8500	0.0750	0.8686	0.8000	0.1344
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7738	0.1131	0.7469	0.6965	0.1808
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.6869	0.0569	0.7298	0.6556	0.1551
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8296	0.1136	0.7139	0.6956	0.4691
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.0497	0.9503	0.0473	0.0000	0.1299
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6164	0.1279	0.2945	0.3799	0.4906
winequality-white			0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5405	0.0919	0.3626	0.4034	0.3412
yeastCYT-POX			0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 70: Detailed results for GPRBF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1687	0.0792	0.1358	0.0776	0.5158
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.9543	0.0457	0.9006	0.7804	0.1365
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8545	0.1455	0.7877	0.5566	0.5630
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7143	0.1143	0.2081	0.1810	0.2083
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.9438	0.0225	0.7471	0.8791	0.1337
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.1000	0.2000	0.0981	-0.0150	0.8025
apple-quality		0.8675	0.1325	0.8683	0.7350	0.5122
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia		0.5778	0.0844	0.1145	0.1131	0.2485
auction		0.8922	0.1078	0.7009	0.3117	0.4664
audiology		0.5455	0.0826	0.4540	0.4226	0.2053
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adult		0.9857	0.0143	0.9820	0.9633	0.0649
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6500	0.1167	0.5172	0.5189	0.2610
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.4597	0.1544	0.1772	0.1571	0.5104
balance		0.9194	0.0538	0.8221	0.8501	0.1639
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9101	0.0899	0.9033	0.7973	0.3414
basehock		0.9698	0.0302	0.9698	0.9397	0.1825
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.7000	0.0857	0.4000	0.4828	0.1667
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8851	0.0575	0.5989	0.7413	0.2654
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8551	0.1449	0.8505	0.6997	0.5480
cardiotocography		0.7887	0.0423	0.7464	0.7426	0.1853
cardiotocography-nsp		0.8920	0.0720	0.8037	0.6753	0.2774
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9873	0.0085	0.9872	0.9809	0.0457
cars		0.7250	0.1833	0.6058	0.4902	0.5443
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.7788	0.2212	0.7770	0.5516	0.6974
cas_N6512_RDkit_MACCS_FP		0.7853	0.2147	0.7848	0.5692	0.6913
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.7730	0.2270	0.7723	0.5444	0.7129
cas_N6512_rdkit_RDKITFP		0.7896	0.2104	0.7881	0.5762	0.6848
cas_N6512_rdkit_TORSION		0.7400	0.2600	0.7389	0.4778	0.7659
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7527	0.4814	0.6601
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9186	0.0814	0.4788	-0.0203	0.5749
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7053	0.2947	0.6722	0.3225	0.7901
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4587	0.3710	0.4457
cjs		0.9857	0.0048	0.9848	0.9826	0.0260
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.3333	0.4444	0.1905	-0.2000	0.5700
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5442	0.3039	0.5177	0.2794	0.7101
cnae-9		0.8241	0.0391	0.8472	0.8021	0.1643
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.9653	0.0035	0.9672	0.9634	0.0241
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		0.5800	0.0560	0.4793	0.5281	0.2006
colon-tumor		0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1		0.7586	0.2414	0.7208	0.3940	0.6569
colposcopies-2		0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3		0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne		0.7740	0.2260	0.7742	0.5482	0.7102
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.0030	0.2849	0.0008	0.0000	0.2937
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		1.0000	0.0000	1.0000	1.0000	0.0000
cultivars		0.3750	0.0391	0.3214	0.3548	0.1236
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.7593	0.2407	0.7539	0.4876	0.6885
darwin		0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.7143	0.2857	0.7407	0.3636	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8951	0.1049	0.7808	0.4921	0.3730
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.4036	0.1795	0.3510
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6250	0.2500	0.4762	0.4000	0.4636
DIA		0.8000	0.2000	0.7183	0.2727	0.3632
diabetes		0.9423	0.0577	0.9400	0.8793	0.3074
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5980	0.2680	0.3937	0.1797	0.4524
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all		0.0298	0.3881	0.0116	0.0000	0.3909
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5000	0.5000	0.3333	-0.1613	0.9442
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.3228	0.4515	0.1627	0.0000	0.3888
drug-01		0.3989	0.1717	0.1501	0.0476	0.4562
drug-02		0.5213	0.1368	0.2140	0.1165	0.4798
drug-03		0.6809	0.1064	0.1547	0.0492	0.3398
drug-04		0.5319	0.1337	0.1810	0.1025	0.4702
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4468	0.1581	0.2763	0.2926	0.4793
drug-07		0.3617	0.2128	0.0885	0.0000	0.2699
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5266	0.1353	0.1459	0.0984	0.4455
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6223	0.1079	0.1777	0.2474	0.3722
drug-14		0.5798	0.1201	0.2374	0.2166	0.4556
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.6117	0.1294	0.3231	0.3402	0.4034
drug-17		0.3511	0.1854	0.2003	0.0953	0.4726
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2800	0.3600	0.2797	0.0400	0.8296
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
eucalyptus		0.5205	0.1918	0.5027	0.3668	0.4721
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.6504	0.0411	0.4924	0.5851	0.1873
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6078	0.3922	0.5969	0.1827	0.9001
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.7000	0.0857	0.4457	0.6141	0.2078
forest		0.9038	0.0481	0.8906	0.8669	0.1249
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.6875	0.2083	0.5017	0.4521	0.4318
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.9211	0.0526	0.9114	0.8731	0.2316
german		0.7000	0.3000	0.6460	0.2167	0.6973
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8934	0.1066	0.8934	0.7865	0.4491
glass		0.8095	0.0635	0.7302	0.7264	0.1792
glass-g2		0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.4000	0.3000	0.3278	0.1615	0.5089
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
har		0.2844	0.2862	0.0886	0.0000	0.3861
har701%		0.1850	0.2329	0.0446	0.0000	0.2875
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.3750	0.4167	0.4463	-0.0191	0.5977
hcc-survival		0.7059	0.2941	0.6916	0.3511	0.7534
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis		0.9333	0.0667	0.8929	0.7619	0.1858
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higher		0.2143	0.1964	0.0469	0.0065	0.3503
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hitters		0.8125	0.1875	0.8128	0.6206	0.6242
hiv1-proteasa		0.8971	0.1029	0.7974	0.5535	0.4247
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5556	0.2963	0.4260	0.0710	0.3533
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.6949	0.3051	0.5145	0.0148	0.7591
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.9689	0.0069	0.9673	0.9647	0.0516
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.0020	0.1535	0.0003	0.0000	0.2182
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.9687	0.0313	0.9686	0.9372	0.1882
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.4118	0.0294	0.2447	0.3923	0.1078
led24		0.6000	0.0800	0.6016	0.5518	0.1953
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8611	0.0185	0.8694	0.8509	0.0658
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9368	0.0632	0.9324	0.8642	0.3153
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8491	0.0431	0.6268	0.7903	0.1170
lung		0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete		0.7500	0.1000	0.7000	0.6735	0.1436
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.8500	0.0600	0.5304	0.6154	0.1305
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lymphography		0.7857	0.1071	0.6342	0.6147	0.2542
lymphoma2		0.5556	0.1481	0.2857	0.2500	0.2598
machine-failure		0.9043	0.0957	0.9011	0.8021	0.4231
madelon		0.5654	0.4346	0.5664	0.1308	0.9494
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8327	0.6654	0.5984
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6337	0.2442	0.6389	0.4353	0.5341
math		0.6500	0.1750	0.3601	0.4130	0.3387
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.6609	0.3391	0.6542	0.3084	0.8710
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.7179	0.4545	0.3125
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9700	0.0060	0.9704	0.9667	0.0378
mfeat-fou		0.7950	0.0410	0.7980	0.7722	0.1756
mfeat-kar		0.9700	0.0060	0.9708	0.9667	0.0377
mfeat-mor		0.7250	0.0550	0.7293	0.6944	0.1776
mfeat-pix		0.9800	0.0040	0.9807	0.9778	0.0248
mfeat-zer		0.7950	0.0410	0.7958	0.7722	0.1514
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9245	0.0503	0.9183	0.8843	0.1799
mines		0.4706	0.2118	0.4337	0.3377	0.4405
mobile		0.8531	0.0052	0.8622	0.8505	0.0693
monks-1		0.7455	0.2545	0.7457	0.4901	0.7537
monks-2		0.7377	0.2623	0.7189	0.2907	0.4308
monks-3		0.9643	0.0357	0.9655	0.9287	0.1717
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0115
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9273	0.0727	0.8507	0.6588	0.2334
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.8034	0.1966	0.7965	0.5923	0.6623
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.7916	0.2084	0.7835	0.5631	0.6758
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.4677	0.5323	0.3187	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
NHANES_age_prediction		0.9736	0.0264	0.9492	0.8963	0.1707
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4722	0.3519	0.2572	-0.0729	0.5653
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.8333	0.0833	0.8584	0.7465	0.2230
occupancy		0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation		0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc		0.5644	0.0871	0.4296	0.4740	0.2384
oh10-wc		0.5619	0.0876	0.4268	0.4840	0.2832
oh15-wc		0.4022	0.1196	0.2990	0.2811	0.3096
oh5-wc		0.4396	0.1121	0.2598	0.3393	0.3199
olive		0.9298	0.0156	0.9215	0.9118	0.0396
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
optdigits		0.9609	0.0078	0.9634	0.9565	0.0532
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8144	0.1856	0.7869	0.5676	0.6439
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9031	0.0388	0.1898	0.0000	0.0975
parkinson		0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.5722	0.4278	0.4503	-0.0164	0.6775
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8816	0.1184	0.8343	0.6400	0.4189
pediatric-leukemia		0.5294	0.1345	0.3648	0.4138	0.4125
pendigits		0.9864	0.0027	0.9867	0.9848	0.0221
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9633	0.0367	0.9615	0.9222	0.1956
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%		0.1418	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%		0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.8463	0.1537	0.8097	0.6193	0.6167
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.7237	0.2763	0.7042	0.3746	0.7278
pirvision		0.8165	0.1224	0.2997	0.0000	0.2067
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.7368	0.2632	0.7360	0.4693	0.7643
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7859	0.2141	0.7606	0.5161	0.6985
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6338	0.2647	0.8906
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2727	0.0661	0.1190	0.1885	0.1821
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7313	0.2687	0.6789	0.2519	0.5952
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.5333	0.0718	0.2942	0.2713	0.2942
re1-wc			0.4217	0.0463	0.1170	0.2700	0.2979
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.4078	0.5922	0.2897	0.0000	0.5255
satimage			0.8911	0.0363	0.8753	0.8652	0.1640
satimageF			0.9922	0.0078	0.9801	0.9602	0.1342
satimageT			0.9362	0.0638	0.7994	0.5699	0.4108
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.7059	0.2941	0.7073	0.4118	0.8058
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9221	0.0223	0.9302	0.9089	0.0863
segmentation			0.8416	0.1584	0.8255	0.6504	0.5964
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8635	0.1365	0.5497	0.0225	0.4461
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8658	0.1342	0.5503	0.0232	0.4453
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-7-gram			0.8711	0.1289	0.6147	0.0873	0.4343
sens-8-gram			0.8579	0.1421	0.5345	0.0339	0.6032
sens-9-gram			0.8737	0.1263	0.6323	0.1412	0.4751
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9496	0.0504	0.7516	0.4051	0.2858
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.9680	0.0320	0.9680	0.9360	0.1910
smart-farming			0.1200	0.4400	0.1140	-0.1777	0.8757
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7482	0.0839	0.5709	0.6750	0.1893
sonar			0.5500	0.4500	0.5525	0.1000	0.9473
soybean			0.9118	0.0093	0.8478	0.9024	0.0395
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.3957	0.6043	0.2835	0.0000	0.5229
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.5769	0.0313	0.4475	0.5496	0.1413
splice-EI			0.9590	0.0410	0.9449	0.8871	0.2069
splice-IE			0.8896	0.1104	0.8385	0.6546	0.4265
sport-articles			0.8700	0.1300	0.8599	0.7196	0.5268
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			0.9570	0.0430	0.9538	0.9034	0.1598
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8513	0.1487	0.7568	0.5033	0.6282
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.7897	0.2103	0.7598	0.5050	0.6708
steel-p			0.9179	0.0821	0.6255	0.1729	0.5109
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9641	0.0359	0.8957	0.7910	0.3671
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9097	0.0903	0.8354	0.6347	0.3427
stockb			0.9824	0.0117	0.9823	0.9736	0.0550
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6350	0.1460	0.3522	0.3997	0.4132
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4200	0.2320	0.1932	0.0770	0.4591
student-weekend			0.3538	0.2585	0.1227	0.0253	0.5590
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6154	0.2564	0.4602	0.3750	0.3282
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9782	0.0040	0.9795	0.9759	0.0326
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			0.9368	0.0632	0.9307	0.8518	0.2027
tis10%			0.7761	0.2239	0.6751	0.1310	0.3816
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7059	0.1471	0.7348	0.6119	0.1908
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc			0.4634	0.1192	0.2788	0.2490	0.2762
trec12-wc			0.4194	0.1452	0.3703	0.2085	0.3102
trec21-wc			0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc			0.3810	0.2063	0.2002	0.0285	0.4598
trec31-wc			0.6667	0.1111	0.4664	0.5034	0.2351
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.4203	0.1159	0.3692	0.3018	0.3544
tuandromd			0.9798	0.0202	0.9692	0.9381	0.1950
turkish			0.8250	0.0875	0.8340	0.7667	0.2172
tvnews1%			0.9000	0.1000	0.8921	0.7786	0.4044
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7463	0.0564	0.7568	0.6999	0.1793
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7738	0.1131	0.7395	0.6951	0.2714
vehicleVAN			0.9643	0.0357	0.9519	0.9032	0.2250
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9535	0.0465	0.9555	0.9071	0.2027
vowel			0.6667	0.0606	0.7090	0.6333	0.1718
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc			0.5449	0.0455	0.3246	0.4707	0.2291
warpar10p			0.6923	0.0615	0.6055	0.6533	0.0920
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8440	0.1040	0.8442	0.7660	0.3603
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8222	0.1185	0.6300	0.6742	0.4553
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.5000	0.3333	-0.2857	1.0000
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0254
wilt			0.0497	0.9503	0.0473	0.0000	0.1299
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6226	0.1258	0.2861	0.3831	0.4306
winequality-white			0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7496	0.7322	0.0603
yeast			0.5338	0.0932	0.3539	0.3959	0.3824
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 71: Detailed results for GRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1663	0.0794	0.1172	0.0764	0.5549
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9831	0.0169	0.6876	0.0984	0.0586
accident		0.6000	0.4000	0.6021	0.2000	0.9166
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8620	0.1380	0.7969	0.5849	0.5764
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.9108	0.0892	0.8760	0.7282	0.2989
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8512	0.1488	0.6248	0.0087	0.3050
airline		0.9579	0.0421	0.9572	0.9139	0.2258
alcohol		0.7619	0.0952	0.4911	0.3431	0.1817
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.9535	0.0465	0.9491	0.8964	0.2299
anneal		0.9663	0.0135	0.9674	0.9317	0.1118
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family		0.9708	0.0146	0.9350	0.9439	0.0652
anuran-genus		0.9638	0.0090	0.9222	0.9399	0.0610
anuran-species		0.9681	0.0064	0.9264	0.9553	0.0401
anxiety		0.1333	0.1926	0.1291	0.0236	0.7807
apple-quality		0.8600	0.1400	0.8615	0.7200	0.5250
aps-failure		0.9901	0.0099	0.8400	0.6559	0.2491
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia		0.6222	0.0756	0.2693	0.2544	0.3038
auction		0.9902	0.0098	0.9777	0.9544	0.0418

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.7727	0.0413	0.4786	0.7264	0.0852
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6500	0.1400	0.5118	0.5139	0.2323
avila		0.9847	0.0026	0.9678	0.9800	0.0302
babies		0.4839	0.1475	0.1587	0.1823	0.4461
balance		0.9032	0.0645	0.6226	0.8176	0.1600
bank		0.9179	0.0821	0.7795	0.5552	0.5582
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8756	0.1244	0.8664	0.7140	0.4141
basehock		0.9548	0.0452	0.9559	0.9096	0.2220
bio		0.9962	0.0038	0.8808	0.7400	0.1238
bio10%		0.9952	0.0048	0.8502	0.6933	0.3223
biodeg		0.8381	0.1619	0.8260	0.6448	0.5726
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9872	0.0012	0.1321	0.2691	0.2181
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9865	0.0025	0.2028	0.1233	0.1471
body-perf		0.7254	0.1373	0.7302	0.6338	0.4047
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.4910	0.5090	0.4910	-0.0181	1.0000
breast-cancer		0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17		0.0909	0.9091	0.0833	0.0000	0.2192
bub12at310k-hg16-17		0.9160	0.0840	0.6654	0.1936	0.3864
bub8at310k-hg16-17		0.9164	0.0836	0.6680	0.2343	0.4471
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4610	0.3593	0.2859	-0.0471	0.5233
car		0.9483	0.0259	0.9362	0.8937	0.2064
car-insurance		0.8560	0.1440	0.8338	0.6675	0.5823
card		0.8261	0.1739	0.8271	0.6497	0.6048
cardiotocography		0.8451	0.0310	0.8274	0.8123	0.1527
cardiotocography-nsp		0.8967	0.0689	0.8151	0.7047	0.3672
cardiovascular		0.7369	0.2631	0.7376	0.4738	0.7659
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8250	0.1167	0.7445	0.6818	0.4000
cas_N6512_cdk_ECFP2		0.7327	0.2673	0.7343	0.4663	0.7697
cas_N6512_rdkit_ATOMPAIR		0.7354	0.2646	0.7331	0.4658	0.7728
cas_N6512_RDkit_AtomPair_FP		0.7423	0.2577	0.7402	0.4799	0.7623
cas_N6512_rdkit_AVALON		0.7926	0.2074	0.7919	0.5836	0.6787
cas_N6512_RDkit_Avalon_FP		0.8037	0.1963	0.8035	0.6063	0.6570
cas_N6512_rdkit_descriptors		0.7754	0.2246	0.7759	0.5504	0.7057
cas_N6512_rdkit_FEATMORGAN		0.7435	0.2565	0.7415	0.4829	0.7613
cas_N6512_RDkit_Featmorgan_FP		0.7607	0.2393	0.7597	0.5193	0.7338
cas_N6512_RDkit_FP		0.7653	0.2347	0.7633	0.5253	0.7235
cas_N6512_rdkit_LAYERED		0.7662	0.2338	0.7650	0.5300	0.7251
cas_N6512_RDkit_Layered_FP		0.7546	0.2454	0.7525	0.5042	0.7424
cas_N6512_rdkit_MACCS		0.7773	0.2227	0.7755	0.5484	0.6997
cas_N6512_RDkit_MACCS_FP		0.7899	0.2101	0.7899	0.5790	0.6818
cas_N6512_rdkit_MORGAN		0.7908	0.2092	0.7893	0.5784	0.6825

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.7653	0.2347	0.7647	0.5291	0.7255
cas_N6512_rdkit_PATTERN		0.7769	0.2231	0.7760	0.5519	0.7067
cas_N6512_RDkit_pattern_FP		0.7684	0.2316	0.7673	0.5346	0.7213
cas_N6512_rdkit_RDKITFP		0.7711	0.2289	0.7693	0.5374	0.7142
cas_N6512_rdkit_TORSION		0.7477	0.2523	0.7488	0.4957	0.7486
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8485	0.1010	0.4205	0.1746	0.3075
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7562	0.5100	0.7131
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.0024	0.9976	0.0024	0.0000	0.0069
census10%		0.9492	0.0508	0.7118	0.2991	0.3058
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.9376	0.0312	0.9062	0.9068	0.1346
chrom19		0.9998	0.0002	0.9302	0.8509	0.0304
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9994	0.0006	0.8414	0.6664	0.2633
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8480	0.1520	0.7356	0.4401	0.6006
churn-bigml		0.9588	0.0412	0.9142	0.8130	0.1274
ci900367j_MACCS		0.6842	0.3158	0.6452	0.2567	0.7938
circles		0.9960	0.0001	0.9963	0.9960	0.0019
cirrhosis		0.7619	0.1587	0.5134	0.5024	0.3368
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7704	0.1148	0.6296	0.6264	0.3331
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5000	0.3333	0.3590	0.1429	0.5264
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5918	0.2721	0.5778	0.3589	0.6465
cnae-9		0.8704	0.0288	0.8848	0.8542	0.1206
codon_usage		0.8718	0.0233	0.6772	0.8425	0.1317
coil20		0.9931	0.0007	0.9933	0.9927	0.0048
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.9400	0.0080	0.8266	0.9339	0.0221
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6552	0.3448	0.5519	0.0584	0.7592
colposcopies-2		0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3		0.6552	0.3448	0.6415	0.2120	0.7262
colposcopies-4		0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7929	0.5085	0.4545
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
connect-4		0.9831	0.0112	0.6348	0.4167	0.0337
cottonmeloidogyne		0.7308	0.2692	0.7347	0.4624	0.7593
coupon		0.7421	0.2579	0.7345	0.4645	0.7573
covid19		0.5454	0.1299	0.2162	0.1910	0.3795
covtype		0.9463	0.0153	0.9118	0.9133	0.1355
covtype10%		0.8349	0.0472	0.7527	0.7283	0.2622
covtypeCD		0.9846	0.0154	0.9668	0.9328	0.1241
covtypeT		0.9823	0.0177	0.9293	0.8567	0.2263

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans		0.9995	0.0005	0.9233	0.8407	0.1267
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9161	0.0280	0.6952	0.8208	0.1841
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.5312	0.0293	0.4554	0.5161	0.0936
customer-churn		0.9834	0.0166	0.7456	0.4501	0.3780
cybersecurity		0.2000	0.2667	0.1986	0.0372	0.8527
cyclopentane		0.8519	0.1481	0.8516	0.6949	0.5229
cylinder-bands		0.6667	0.3333	0.6558	0.2692	0.7758
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0964	0.1807	0.0965	-0.0042	0.9305
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8277	0.1723	0.7165	0.3984	0.6331
defect		0.9599	0.0401	0.9228	0.8372	0.1899
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9027	0.0973	0.7252	0.4276	0.5729
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5333	0.4074	0.2614
dexter		0.9333	0.0667	0.9372	0.8667	0.2500
df_final		0.5625	0.2917	0.4375	0.3000	0.5110
DIA		0.7833	0.2167	0.6918	0.1875	0.3769
diabetes		0.8654	0.1346	0.8592	0.7016	0.4529
diabetes-100k		0.9691	0.0309	0.8934	0.7621	0.0982
diabetes-risk		0.9192	0.0808	0.8735	0.7456	0.4433
diabetic1%		0.5784	0.2810	0.3862	0.1132	0.4048
diabetic10%		0.5393	0.3071	0.2839	0.0020	0.3585
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7862	0.0855	0.7862	0.6958	0.3074
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5757	0.4243	0.5708	0.1347	0.9306
dota210%		0.5612	0.4388	0.5552	0.1001	0.9257
drebin		0.9741	0.0259	0.9722	0.9439	0.1510
dropout		0.7494	0.1670	0.6635	0.5737	0.4711
drug-01		0.3989	0.1717	0.1190	0.0112	0.3587
drug-02		0.5160	0.1383	0.1345	0.0257	0.3426
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5372	0.1322	0.1777	0.0249	0.2886
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4309	0.1626	0.2865	0.2649	0.4155
drug-07		0.4202	0.1933	0.1411	-0.0012	0.3697
drug-08		0.5798	0.1201	0.2360	0.1106	0.2751
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.1515	0.1342	0.3741
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6223	0.1079	0.1722	0.2257	0.3174
drug-14		0.6117	0.1109	0.2692	0.2689	0.4501
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5745	0.1418	0.2846	0.2571	0.4076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-17		0.4043	0.1702	0.1474	0.1569	0.4133
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9184	0.0233	0.9318	0.9013	0.1307
ecoli		0.8824	0.0392	0.7465	0.8359	0.1288
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2300	0.3850	0.2353	-0.0241	0.8494
eeg		0.5179	0.0603	0.5323	0.4624	0.5005
eeg-eye		0.8692	0.1308	0.8683	0.7329	0.4979
eeg10%		0.3909	0.0761	0.3335	0.3183	0.5036
email_phishing		0.9879	0.0121	0.6984	0.1567	0.0675
eucalyptus		0.6712	0.1315	0.6550	0.5675	0.3057
euthyroid		0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq10%		0.9461	0.0539	0.9462	0.8916	0.2720
fakenews		0.5200	0.4800	0.5196	0.0389	0.9868
farm-ads		0.8237	0.1763	0.8361	0.6382	0.4826
fbis-wc		0.7642	0.0277	0.6301	0.7273	0.1485
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6471	0.3529	0.6394	0.2703	0.8691
financial-risk		0.8800	0.0400	0.6793	0.8081	0.1813
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.7500	0.0714	0.4705	0.6753	0.1529
fonts		0.7197	0.0037	0.5506	0.7023	0.1758
fonts10%		0.5026	0.0065	0.1847	0.4606	0.2471
forest		0.9231	0.0385	0.9069	0.8937	0.0884
gas		0.9892	0.0036	0.9888	0.9869	0.0253
gastrointestinal		0.8125	0.1250	0.6179	0.6643	0.1445
gender		0.6105	0.2596	0.4516	0.1240	0.4887
gene		0.9306	0.0463	0.9214	0.8893	0.1893
german		0.7300	0.2700	0.7013	0.2895	0.5541
gestures		0.9007	0.0497	0.9009	0.8676	0.2072
gina		0.9308	0.0692	0.9309	0.8616	0.3356
gisette		0.9514	0.0486	0.9516	0.9029	0.2570
glass		0.7143	0.0952	0.4204	0.5714	0.1951
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.6000	0.2667	0.5333	0.4444	0.1500
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.5231	0.2593	0.5215
gsalc		0.7778	0.0741	0.7407	0.7353	0.0884
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.9350	0.0108	0.8252	0.9231	0.0678
har		0.9806	0.0077	0.9795	0.9755	0.0459
har70		0.9325	0.0193	0.6912	0.8991	0.1025
har701%		0.9164	0.0239	0.5389	0.8761	0.1078
har7010%		0.9274	0.0208	0.5779	0.8916	0.0960
harth		0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth1%		0.8661	0.0223	0.5321	0.8163	0.1561
harth10%		0.8835	0.0194	0.6493	0.8406	0.1605
hayes-roth		0.5000	0.3333	0.5721	0.1950	0.5024
hcc-survival		0.4706	0.5294	0.3200	-0.2240	0.9964
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure		0.9800	0.0200	0.9767	0.9533	0.1319
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%		0.8525	0.1475	0.8536	0.7051	0.5466
hepmass10%		0.8621	0.1379	0.8627	0.7242	0.5273
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6755	0.3245	0.6747	0.3494	0.8514
higgs1%		0.7105	0.2895	0.7092	0.4185	0.8080
higgs10%		0.7299	0.2701	0.7288	0.4577	0.7809
higher		0.2857	0.1786	0.1705	0.1083	0.3180
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8752	0.1248	0.7464	0.4099	0.4318
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6389	0.2407	0.4899	0.2733	0.3240
hotel-reservartions		0.8961	0.1039	0.8801	0.7576	0.4493
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.9999	0.0001	0.9999	0.9999	0.0007
ht-sensor10%		0.9982	0.0012	0.9982	0.9972	0.0092
htru2		0.9782	0.0218	0.9322	0.8627	0.2293
hypothyroid		0.9867	0.0066	0.7219	0.9241	0.1710
hypothyroidT		0.9920	0.0080	0.9716	0.9431	0.1266
ilpd		0.7288	0.2712	0.6560	0.0817	0.4230
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere		0.9429	0.0571	0.9346	0.8606	0.1858
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.8780	0.0094	0.8837	0.8732	0.0992
jm1		0.8228	0.1772	0.6515	0.1847	0.5293
jvowels		0.9267	0.0163	0.9238	0.9169	0.1126
kc1		0.8720	0.1280	0.7239	0.2727	0.2697
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9998	0.0000	0.6982	0.9997	0.0044
kddcup991%		0.9974	0.0004	0.7385	0.9955	0.0031
kepler		0.8849	0.0767	0.8451	0.8096	0.2122
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7586	0.0268	0.7592	0.7299	0.2694
krvskp		0.9875	0.0125	0.9876	0.9749	0.0814
la1s-wc		0.7365	0.0878	0.6436	0.6508	0.2360
la2s-wc		0.7384	0.0872	0.7200	0.6523	0.2314

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0256	0.6897	0.6909	0.0742
led24		0.7000	0.0667	0.7217	0.6591	0.1656
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9175	0.0063	0.9186	0.9142	0.0934
leukemia		0.7143	0.1905	0.5714	0.5625	0.1509
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8056	0.0259	0.8163	0.7910	0.0885
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0001
liver		0.8235	0.1765	0.7912	0.5546	0.5639
loan		0.9906	0.0094	0.9901	0.9800	0.0527
localization		0.7428	0.0468	0.5244	0.6701	0.3224
localization10%		0.6553	0.0627	0.3817	0.5528	0.3742
lrs		0.8679	0.0377	0.8190	0.8151	0.1043
lung		0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete		0.5000	0.2000	0.3200	0.3333	0.2448
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.8000	0.0800	0.3765	0.4444	0.1568
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2		0.5556	0.1481	0.2857	0.2500	0.2598
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.7077	0.2923	0.7078	0.4154	0.8105
magic04		0.8727	0.1273	0.8581	0.7098	0.4914
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8795	0.1205	0.7251	0.2748	0.2588
maternal		0.7228	0.1848	0.7236	0.5782	0.5176
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8339	0.1108	0.3796	0.0671	0.3170
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2167	0.3133	0.2167	0.0189	0.8562
messidor		0.6696	0.3304	0.6673	0.3338	0.8560
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.9450	0.0110	0.9461	0.9389	0.0666
mfeat-fou		0.7900	0.0420	0.7915	0.7667	0.1779
mfeat-kar		0.9250	0.0150	0.9274	0.9167	0.0870
mfeat-mor		0.7000	0.0600	0.7007	0.6667	0.2007
mfeat-pix		0.9600	0.0080	0.9615	0.9556	0.0471
mfeat-zer		0.7400	0.0520	0.7469	0.7111	0.1843
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6471	0.1412	0.6324	0.5575	0.3467
mobile		0.9231	0.0027	0.9283	0.9217	0.0349
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.7705	0.2295	0.7550	0.3960	0.4092
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.5111	0.0889	0.5277	0.4082	0.5074

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
musk		0.9500	0.0500	0.9002	0.7795	0.1471
MUT_ci300400a_cdk_ECFP2		0.7794	0.2206	0.7718	0.5430	0.7069
MUT_ci300400a_cdk_ECFP4		0.8036	0.1964	0.7982	0.5963	0.6640
MUT_ci300400a_cdk_ECFP6		0.7701	0.2299	0.7619	0.5228	0.7220
MUT_ci300400a_cdk_ESTATE		0.7674	0.2326	0.7583	0.5141	0.7233
MUT_ci300400a_cdk_EXTENDED		0.8249	0.1751	0.8190	0.6374	0.6191
MUT_ci300400a_cdk_FCFP2		0.8048	0.1952	0.7974	0.5916	0.6521
MUT_ci300400a_cdk_FCFP4		0.7626	0.2374	0.7528	0.5004	0.7246
MUT_ci300400a_cdk_FCFP6		0.7794	0.2206	0.7707	0.5384	0.7006
MUT_ci300400a_cdk_MACCS		0.8094	0.1906	0.8025	0.6036	0.6485
MUT_ci300400a_cdk_PUBCHEM		0.8323	0.1677	0.8269	0.6537	0.6052
MUT_ci300400a_cdk_STANDARD		0.8108	0.1892	0.8037	0.6039	0.6392
MUT_ci300400a_rdkit_descriptors		0.8195	0.1805	0.8155	0.6310	0.6314
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9662	0.0338	0.9663	0.9325	0.1972
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.5000	0.1667	0.3793	0.4000	0.1784
ncRNA		0.9504	0.0052	0.7661	0.8640	0.2501
ncRNA1%		0.9043	0.0101	0.4355	0.7198	0.2575
ncRNA10%		0.9294	0.0074	0.6285	0.8008	0.2762
neo		0.9159	0.0841	0.6971	0.2908	0.4156
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.6975	0.0138	0.6793	0.6854	0.1645
newspop		0.6622	0.3378	0.6594	0.3147	0.8598
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9585	0.0415	0.9489	0.8977	0.2554
NPHA-doctor-visits		0.5278	0.3148	0.3416	0.0137	0.4489
nursery		0.9915	0.0042	0.9934	0.9876	0.0221
obesity		0.9431	0.0162	0.9412	0.9336	0.0763
obs		0.9630	0.0185	0.9733	0.9451	0.0792
occupancy		0.9917	0.0083	0.9886	0.9769	0.1003
Occupancy_Estimation		0.9882	0.0059	0.9591	0.9638	0.0226
oh0-wc		0.8020	0.0396	0.7941	0.7695	0.1529
oh10-wc		0.7333	0.0533	0.6841	0.6926	0.2212
oh15-wc		0.7717	0.0457	0.7792	0.7360	0.1654
oh5-wc		0.8132	0.0374	0.8352	0.7872	0.1518
ohscal-wc		0.6667	0.0667	0.6656	0.6227	0.3277
olive		0.9123	0.0195	0.9009	0.8897	0.0589
opn310k		0.9157	0.0843	0.6645	0.1713	0.3534
opn310k10%		0.9113	0.0887	0.5887	0.0174	0.2733
opnat310k-hg16-17		0.9160	0.0840	0.6719	0.1623	0.3107
optdigits		0.9502	0.0100	0.9520	0.9446	0.0688
optdigitsZ		0.9947	0.0053	0.9834	0.9662	0.0246
orl		0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8144	0.1856	0.7869	0.5676	0.6439
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9762	0.0095	0.8165	0.8600	0.2746
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.8815	0.1185	0.8739	0.7477	0.4958
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.9301	0.0699	0.9133	0.8266	0.3785
particle10%		0.9123	0.0877	0.8899	0.7792	0.4301

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.7822	0.4667	0.3231
pediatric-leukemia		0.7353	0.0756	0.5881	0.6670	0.2044
pendigits		0.9763	0.0047	0.9766	0.9737	0.0370
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.7988	0.2012	0.7811	0.5484	0.6429
personalities		0.9382	0.0077	0.9383	0.9340	0.1030
pet-adoption		0.9450	0.0550	0.9376	0.8722	0.2569
phishing		0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL10%		0.9987	0.0013	0.9987	0.9974	0.0109
phone-acc0.1%		0.8828	0.0335	0.8760	0.8630	0.1245
phone-acc1%		0.9776	0.0064	0.9760	0.9738	0.0393
phone-acc10%		0.1413	0.2453	0.0354	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.9117	0.0252	0.9047	0.8967	0.1139
phone-gyr1%		0.9733	0.0076	0.9707	0.9688	0.0419
phone-gyr10%		0.9928	0.0020	0.9920	0.9916	0.0140
phoneme		0.8889	0.1111	0.8622	0.7242	0.5075
phy		0.7102	0.2898	0.7102	0.4203	0.8073
pima		0.7105	0.2895	0.6874	0.3489	0.7670
pirvision		0.9922	0.0052	0.9854	0.9750	0.0490
placement		0.7930	0.2070	0.7864	0.5725	0.6822
plant-growth		0.7895	0.2105	0.7978	0.5824	0.6422
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.0000	0.2222	0.0000	0.0000	0.2380
poker1%		0.5902	0.1171	0.1739	0.2061	0.2618
poker10%		0.6604	0.0849	0.1693	0.3537	0.2353
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9612	0.0388	0.7705	0.4110	0.1131
polish-5th		0.9475	0.0525	0.7523	0.4157	0.3097
polya		0.7578	0.2422	0.7252	0.4254	0.7051
popularity		0.6724	0.2184	0.4203	0.2068	0.4377
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
postures		0.9786	0.0086	0.9783	0.9733	0.0529
pred-tox_mutagen_ref-desc		0.6765	0.3235	0.6768	0.3529	0.8487
prestige		0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor		0.4242	0.0886	0.3005	0.3462	0.2710
processed		1.0000	0.0000	1.0000	1.0000	0.0000
profb		0.6866	0.3134	0.5921	0.1145	0.7209
promoters		0.8000	0.2000	0.8333	0.6154	0.4644
prostate		0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE		1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio		0.9897	0.0041	0.9819	0.9861	0.0315
puc-rio10%		0.9759	0.0097	0.9519	0.9676	0.0585
pufs-1281%		0.4947	0.5053	0.4947	-0.0107	1.0000
pufs-641%		0.4933	0.5067	0.4933	-0.0134	1.0000
pufs-6410%		0.4933	0.5067	0.4933	-0.0134	1.0000
pulsar		0.9832	0.0168	0.9485	0.8950	0.1580
raisin		0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%		0.3722	0.0306	0.0861	0.1937	0.2861
rcv110%		0.3365	0.0265	0.0632	0.1382	0.2805
re0-wc		0.7467	0.0390	0.4262	0.6416	0.1662

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
re1-wc			0.6867	0.0251	0.2848	0.6236	0.1736
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.4614	0.0224	0.0255	0.0312	0.2176
rice			0.9852	0.0148	0.9850	0.9700	0.1013
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6836	0.3164	0.6659	0.3286	0.8458
RT_IOT2022			0.9978	0.0004	0.9745	0.9945	0.0037
satimage			0.8880	0.0373	0.8720	0.8610	0.1559
satimageF			0.9891	0.0109	0.9716	0.9428	0.1232
satimageT			0.9347	0.0653	0.7921	0.5401	0.3749
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.4706	0.5294	0.4627	-0.0588	0.9565
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.9997	0.0003	0.9997	0.9993	0.0035
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9437	0.0161	0.9508	0.9342	0.0668
segmentation			0.8317	0.1683	0.8191	0.6376	0.6200
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9872	0.0023	0.9872	0.9859	0.0228
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9035	0.0965	0.8009	0.5959	0.5392
shuttle			0.9998	0.0000	0.8571	0.9995	0.0003
sick			0.9788	0.0212	0.9084	0.7987	0.0728
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9995	0.0005	0.9992	0.9984	0.0119
skin10%			0.9971	0.0029	0.9957	0.9913	0.0432
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1400	0.4300	0.1180	-0.1597	0.8201
smk_can_187			0.5789	0.4211	0.5778	0.1556	0.9466
smoking			0.7849	0.2151	0.7761	0.5494	0.6978
soil_pollution			0.2067	0.3173	0.2056	0.0065	0.8669
solar-flare			0.7770	0.0743	0.7231	0.7131	0.1790
sonar			0.5500	0.4500	0.5525	0.1000	0.9473
soybean			0.9559	0.0046	0.9202	0.9515	0.0186
spam-detection			0.9540	0.0460	0.8651	0.7299	0.4616
spambase			0.9326	0.0674	0.9294	0.8573	0.3170
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.5385	0.0342	0.3503	0.5073	0.1479
splice-EI			0.9685	0.0315	0.9579	0.9157	0.2138
splice-IE			0.9369	0.0631	0.9135	0.8269	0.3814
sport-articles			0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored			0.6000	0.2667	0.4375	0.3333	0.3340

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9090	0.0607	0.8850	0.8520	0.2189
steel-b			0.8615	0.1385	0.7703	0.5184	0.5681
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.8051	0.1949	0.7788	0.5361	0.6170
steel-p			0.9179	0.0821	0.6063	0.0946	0.4184
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271
stellar			0.9742	0.0172	0.9704	0.9542	0.1004
stock			0.9167	0.0833	0.8498	0.6905	0.4335
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.6150	0.1540	0.3370	0.3646	0.4258
student-depression			0.8340	0.1659	0.8278	0.6538	0.5957
student-habits			0.3200	0.2720	0.1454	-0.0852	0.4860
student-weekend			0.4154	0.2338	0.1897	0.1303	0.4204
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.3636	0.1415	0.5287
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7914	0.2086	0.7902	0.5751	0.6663
susy10%			0.7988	0.2012	0.7977	0.5902	0.6521
tae			0.5333	0.3111	0.5635	0.3000	0.5836
telco-churn			0.8793	0.1207	0.8394	0.6744	0.5204
texture			0.9582	0.0076	0.9609	0.9539	0.0560
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.9020	0.0980	0.8643	0.7030	0.3339
tis10%			0.7836	0.2164	0.6874	0.1721	0.3758
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1500	0.2894	0.4146	0.1775
tox_171			0.6471	0.1765	0.6702	0.5278	0.2821
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5481	0.0924	0.8701
trec11-wc			0.8293	0.0379	0.5118	0.7842	0.0814
trec12-wc			0.7742	0.0565	0.6579	0.7214	0.1182
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.8095	0.0635	0.4575	0.7083	0.1453
trec31-wc			0.9570	0.0143	0.9104	0.9423	0.0467
trec41-wc			0.8636	0.0273	0.5480	0.8304	0.1131
trec45-wc			0.8841	0.0232	0.8079	0.8631	0.0859
tuandromd			0.9798	0.0202	0.9696	0.9386	0.2027
turkish			0.7500	0.1250	0.7491	0.6667	0.3152
tvnews			0.9249	0.0751	0.9186	0.8366	0.3603
tvnews1%			0.9000	0.1000	0.8921	0.7786	0.4044
tvnews10%			0.8905	0.1095	0.8811	0.7604	0.4602
ur3_cobotops_grip			0.9728	0.0272	0.7237	0.3245	0.2459
ur3_cobotops_stop			0.9646	0.0354	0.6787	0.0690	0.1045
urban			0.8657	0.0299	0.8475	0.8424	0.1333
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vehicle			0.7500	0.1250	0.7018	0.6614	0.2605
vehicleVAN			0.9643	0.0357	0.9533	0.9062	0.2616
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.7172	0.0514	0.7259	0.6889	0.1941
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9111	0.0889	0.6659	0.0394	0.2062
wap-wc			0.7115	0.0288	0.4836	0.6701	0.1605
warpar10p			0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.9780	0.0063	0.9777	0.9742	0.0440
watch-acc10%			0.9978	0.0006	0.9977	0.9974	0.0062
watch-gyr			0.9998	0.0001	0.9998	0.9998	0.0008
watch-gyr1%			0.9741	0.0074	0.9737	0.9698	0.0503
watch-gyr10%			0.9986	0.0004	0.9985	0.9983	0.0044
water_pollution			0.2567	0.3717	0.2552	0.0080	0.8594
waveform			0.8300	0.1133	0.8302	0.7450	0.3861
weather-related			0.9635	0.0066	0.9649	0.9586	0.0469
web-phishing			0.8519	0.0988	0.8094	0.7357	0.4026
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9997	0.0001	0.9997	0.9997	0.0009
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9800	0.0100	0.9802	0.9733	0.0420
wilt			0.9855	0.0145	0.9182	0.8297	0.1734
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5912	0.1363	0.2784	0.3141	0.3402
winequality-white			0.5869	0.1377	0.2986	0.3353	0.3872
winnipeg10%			0.9883	0.0033	0.9905	0.9852	0.0234
wisc_bc			0.9474	0.0526	0.9432	0.8858	0.2729
yale			0.6250	0.0500	0.5926	0.6000	0.0880
yeast			0.5811	0.0931	0.5055	0.4555	0.3352
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9290	0.0142	0.9217	0.9204	0.1085

Table 72: Detailed results for GuideR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1542	0.0806	0.1111	0.0633	0.4887
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9178	0.0822	0.6846	0.3578	0.6183
accelerometer		0.9028	0.0972	0.6656	0.1879	0.3335
accident		0.6500	0.3500	0.6508	0.3000	0.8761
ads		0.9634	0.0366	0.9208	0.8364	0.2304
adult		0.7336	0.2664	0.7537	0.4457	0.6231
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_KlekotaRothFingerprinter		0.7937	0.2063	0.4797	-0.0387	0.6616
AID_1431_MACCSFingerprinter		0.8095	0.1905	0.4864	-0.0265	0.6799
AID_1878		0.8381	0.1619	0.6797	0.3302	0.6671
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8687	0.0875	0.4275	0.1875	0.5718
AID1284Morered		0.8333	0.1667	0.6516	0.3032	0.7325
AID1284red		0.6667	0.3333	0.4000	-0.1934	0.7524
AID1608Morered		0.8447	0.1553	0.5161	0.0306	0.6297
AID1608red		0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red		0.9836	0.0164	0.6183	0.2149	0.5259
AID373AID439red		0.9609	0.0391	0.4900	-0.0003	0.0073
AID373red		0.9962	0.0038	0.4990	-0.0015	0.3278
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9920	0.0080	0.4980	-0.0038	0.4379
AID604		0.9805	0.0195	0.6540	0.1784	0.3083
AID604AID644_AllRed		0.9965	0.0035	0.5542	0.0856	0.3689
AID644Morered		0.5000	0.5000	0.4553	-0.0870	0.9393
AID644red		0.6000	0.4000	0.5669	0.1304	0.8900
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9958	0.0042	0.6112	0.2201	0.5401
AID688red		0.9798	0.0202	0.4949	-0.0101	0.5130
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.3333	0.6667	0.2500	-0.4211	0.8208
AID746AID1284red		0.9532	0.0468	0.5292	0.0051	0.0402
AID746red		0.9286	0.0714	0.5534	0.0340	0.1604
aids		0.8404	0.1596	0.8289	0.6301	0.5721
air_pollution		0.3433	0.1876	0.1471	-0.0090	0.7595
alcohol		0.7714	0.0914	0.6769	0.5195	0.3627
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.8233	0.1767	0.8283	0.6391	0.5841
anneal		0.9551	0.0180	0.9537	0.9076	0.1272
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9388	0.0306	0.6798	0.8813	0.1239
anuran-genus		0.9583	0.0104	0.8983	0.9312	0.1666
anuran-species		0.9597	0.0081	0.9180	0.9434	0.0438
anxiety		0.0917	0.2019	0.0902	-0.0232	0.8469
apple-quality		0.6875	0.3125	0.6912	0.3750	0.8178
aps-failure		0.0180	0.9820	0.0177	0.0000	0.0502
arcene		0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia		0.8222	0.0356	0.7418	0.7174	0.2307
auction		0.9314	0.0686	0.8409	0.6810	0.4896
audiology		0.9091	0.0165	0.8023	0.8916	0.0395
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8000	0.0800	0.7944	0.7324	0.1777
avila		0.7144	0.0476	0.7720	0.6156	0.3157
babies		0.4516	0.1567	0.2464	0.2229	0.6052
balance		0.8871	0.0753	0.6126	0.7883	0.1878
bank		0.8694	0.1306	0.7837	0.5259	0.5959
banknote		0.9051	0.0949	0.9109	0.8113	0.3637
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8433	0.1567	0.8274	0.6521	0.5818
bio		0.9955	0.0045	0.8697	0.7388	0.3653
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8190	0.1810	0.8115	0.6218	0.6377
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%		0.9211	0.0225	0.3186	0.1092	0.6003
bitcoin10%		0.5068	0.0897	0.3044	0.0350	0.3808
body-perf		0.5612	0.2194	0.5596	0.4149	0.4512
brain-tumor		0.5120	0.4880	0.5119	0.0238	0.9927
breast-cancer		0.8571	0.1429	0.8169	0.6216	0.5439
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.3636	0.6364	0.2667	-0.3509	1.0000
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.8000	0.0667	0.6061	0.6970	0.0886
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.3700	0.4200	0.3742	0.0492	0.7761
car		0.8276	0.0862	0.6958	0.6624	0.3555
car-insurance		0.7830	0.2170	0.7852	0.5477	0.6534
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.8357	0.0329	0.8106	0.8008	0.1547
cardiotocography-nsp		0.9014	0.0657	0.8504	0.7310	0.2848
cardiovascular		0.7100	0.2900	0.7240	0.4197	0.7317
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8000	0.1333	0.7500	0.6452	0.3897
cas_N6512_cdk_ECFP2		0.7389	0.2611	0.7388	0.4768	0.7655
cas_N6512_rdkit_ATOMPAIR		0.6692	0.3308	0.6737	0.3428	0.8442
cas_N6512_RDkit_AtomPair_FP		0.6779	0.3221	0.6851	0.3623	0.8245
cas_N6512_rdkit_AVALON		0.7235	0.2765	0.7322	0.4531	0.7566
cas_N6512_RDkit_Avalon_FP		0.7163	0.2837	0.7329	0.4427	0.7329
cas_N6512_rdkit_descriptors		0.7062	0.2938	0.7208	0.4222	0.7570
cas_N6512_rdkit_FEATMORGAN		0.7389	0.2611	0.7419	0.4798	0.7555
cas_N6512_RDkit_Featmorgan_FP		0.7592	0.2408	0.7658	0.5224	0.7082
cas_N6512_RDkit_FP		0.6702	0.3298	0.6741	0.3442	0.8450
cas_N6512_rdkit_LAYERED		0.6985	0.3015	0.7010	0.3991	0.8139
cas_N6512_RDkit_Layered_FP		0.6794	0.3206	0.6917	0.3687	0.8035
cas_N6512_rdkit_MACCS		0.6866	0.3134	0.6975	0.3820	0.7999
cas_N6512_RDkit_MACCS_FP		0.7193	0.2807	0.7305	0.4462	0.7523
cas_N6512_rdkit_MORGAN		0.7523	0.2477	0.7544	0.5058	0.7382
cas_N6512_RDkit_morgan_FP		0.7362	0.2638	0.7392	0.4745	0.7596
cas_N6512_rdkit_PATTERN		0.7062	0.2938	0.7089	0.4145	0.8031
cas_N6512_RDkit_pattern_FP		0.6871	0.3129	0.6883	0.3750	0.8323
cas_N6512_rdkit_RDKITFP		0.6621	0.3379	0.6680	0.3299	0.8479
cas_N6512_rdkit_TORSION		0.7231	0.2769	0.7296	0.4510	0.7658
cdc_diabetes		0.7138	0.1908	0.4493	0.2926	0.4268
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7513	0.2487	0.7451	0.4828	0.7379
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9394	0.0606	0.7075	0.4050	0.6019
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.7651	0.2349	0.6028	0.1216	0.4025

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS49_AID687_Rdkit-ecfp4-fp		0.9785	0.0215	0.5287	0.0232	0.1770
census10%		0.8379	0.1621	0.7192	0.3292	0.4907
central-nervous-system		0.6667	0.3333	0.7500	0.4000	0.5283
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.6534	0.2612	0.5311
cervical-H		0.9535	0.0465	0.8481	0.6446	0.5283
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8592	0.0704	0.7871	0.7897	0.1875
chrom19		0.9986	0.0014	0.8041	0.5501	0.5270
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9988	0.0012	0.7784	0.5449	0.5279
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.8976	0.1024	0.5337	0.0587	0.6872
churn		0.5560	0.4440	0.6506	0.2094	0.5957
churn-bigml		0.9139	0.0861	0.8088	0.5993	0.4652
ci900367j_MACCS		0.7158	0.2842	0.7265	0.4359	0.7516
circles		0.9390	0.0012	0.9322	0.9384	0.0163
cirrhosis		0.7143	0.1905	0.5031	0.4717	0.5289
cjs		0.9964	0.0012	0.9962	0.9956	0.0059
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.6139	0.1931	0.4475	0.3856	0.6072
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.7500	0.1667	0.7708	0.6087	0.4277
cm1		0.8800	0.1200	0.6001	0.1892	0.6967
cmc		0.5374	0.3084	0.5350	0.2911	0.6566
cnae-9		0.9259	0.0165	0.9291	0.9167	0.0776
codon_usage		0.7874	0.0387	0.6635	0.7393	0.2781
coil20		0.9375	0.0063	0.9496	0.9342	0.0378
college		0.9351	0.0649	0.9236	0.8433	0.3725
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7241	0.2759	0.6740	0.3256	0.7761
colposcopies-2		0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3		0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4		0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5		0.7586	0.2414	0.6667	0.3165	0.7298
colposcopies-6		0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8387	0.1075	0.7853	0.7359	0.2503
connect-4		0.9554	0.0297	0.6125	0.4390	0.5153
cottonmeloidogyne		0.7356	0.2644	0.7374	0.4717	0.7630
coupon		0.6617	0.3383	0.6736	0.3351	0.8282
covid19		0.4528	0.1563	0.1978	0.1585	0.5186
covtype10%		0.6850	0.0900	0.5527	0.4973	0.4306
covtypeCD		0.8683	0.1317	0.8176	0.5886	0.5635
covtypeT		0.9086	0.0914	0.7917	0.5306	0.5651
crabs		0.7000	0.1500	0.6364	0.6000	0.1630
creditcard_trans		0.9992	0.0008	0.8876	0.7751	0.3565
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8931	0.0356	0.7472	0.7813	0.3205
cryotherapy		0.6667	0.3333	0.6750	0.3415	0.8344
cultivars		0.3125	0.0430	0.3125	0.2903	0.2109
customer-churn		0.9206	0.0794	0.7146	0.2879	0.4041
cybersecurity		0.1333	0.2889	0.1301	-0.0433	0.8854
cyclopentane		0.4815	0.5185	0.4750	-0.0500	1.0000
cylinder-bands		0.8148	0.1852	0.8130	0.6081	0.5793
darwin		0.9444	0.0556	0.9472	0.8889	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7650	0.2350	0.6977	0.3879	0.7511
defect		0.6111	0.3889	0.6726	0.2413	0.5494
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.5541	0.4459	0.6499	0.1696	0.4374
depressed		0.7622	0.2378	0.5744	0.1488	0.8023
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
df_final		0.4375	0.3750	0.4242	0.1000	0.3937
DIA		0.8000	0.2000	0.7037	0.3846	0.6952
diabetes		0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-risk		0.8301	0.1699	0.7707	0.5333	0.6679
diabetic1%		0.5686	0.2876	0.5128	0.2563	0.6916
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7178	0.1129	0.7093	0.5973	0.3472
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dota2		0.5583	0.4417	0.5693	0.1303	0.9262
dota210%		0.5621	0.4379	0.5639	0.1269	0.9545
dropout		0.7336	0.1776	0.5975	0.5366	0.4317
drug-01		0.3723	0.1793	0.1700	0.0582	0.7447
drug-02		0.4787	0.1489	0.2027	0.2030	0.5693
drug-03		0.6277	0.1241	0.2623	0.1602	0.4579
drug-04		0.5372	0.1322	0.2700	0.1605	0.5344
drug-05		0.6915	0.0881	0.1598	0.1107	0.5833
drug-06		0.4309	0.1626	0.2202	0.2639	0.4175
drug-07		0.4521	0.1826	0.2208	0.1615	0.4584
drug-08		0.5479	0.1292	0.1837	0.1293	0.4623
drug-09		0.8351	0.0550	0.1858	0.0193	0.3652
drug-10		0.5266	0.1353	0.2196	0.1468	0.4691
drug-11		0.7979	0.0578	0.1706	0.1221	0.5009
drug-12		0.7606	0.0798	0.2055	0.0994	0.5374
drug-13		0.6223	0.1079	0.1743	0.2232	0.3327
drug-14		0.5745	0.1216	0.2361	0.2116	0.4454
drug-15		0.7287	0.0775	0.2180	0.1209	0.3156
drug-16		0.5851	0.1383	0.2846	0.2916	0.4086
drug-17		0.3670	0.1809	0.2166	0.1482	0.6252
drug-18		0.9840	0.0160	0.4960	-0.0071	0.4129
drug-19		0.7234	0.0790	0.2048	0.1495	0.4787
drybean		0.9045	0.0273	0.9162	0.8843	0.1425
ecoli		0.8824	0.0392	0.8585	0.8319	0.1010
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2500	0.3750	0.2408	-0.0028	0.7871
eeg-eye		0.7063	0.2937	0.7045	0.3873	0.7653
eeg10%		0.3452	0.0819	0.3430	0.2768	0.6301
email_phishing		0.3064	0.6936	0.5632	0.0098	0.0553
eucalyptus		0.6712	0.1315	0.6645	0.5772	0.4110
euthyroid		0.8829	0.1171	0.7893	0.5330	0.5830
exon.vs.intron-freq10%		0.9001	0.0999	0.9001	0.7999	0.4314

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
fakenews			0.5050	0.4950	0.5067	0.0129	0.9802
fbis-wc			0.8211	0.0210	0.7551	0.7974	0.1752
fertility			0.8000	0.2000	0.4444	-0.1111	0.7317
finance			0.4118	0.5882	0.4141	-0.1697	1.0000
fishcatch			0.8750	0.0417	0.8833	0.8416	0.1096
flags			0.6000	0.1143	0.3887	0.4953	0.2986
forest			0.8462	0.0769	0.8507	0.7860	0.1408
gas			0.9008	0.0331	0.8973	0.8798	0.1750
gastrointestinal			0.8125	0.1250	0.8474	0.7160	0.2936
gender			0.5895	0.2737	0.4667	0.1831	0.7107
gene			0.8927	0.0715	0.8851	0.8296	0.2639
german			0.7100	0.2900	0.6835	0.3668	0.8216
gestures			0.8493	0.0753	0.8558	0.7991	0.2703
gina			0.8617	0.1383	0.8642	0.7225	0.5074
glass			0.8571	0.0476	0.7789	0.7968	0.1068
glass-g2			0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP			0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP			0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers			0.9091	0.0909	0.7250	0.4500	0.6330
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.7619	0.2381	0.4324	-0.0825	0.3983
GlaucomaM			0.7895	0.2105	0.7978	0.5824	0.6422
gli_85			1.0000	0.0000	1.0000	1.0000	0.0000
glioma			0.8000	0.1333	0.8602	0.6875	0.1858
glioma-grade			0.8452	0.1548	0.8403	0.6803	0.5766
green			0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage			0.6000	0.2000	0.6646	0.4737	0.4081
gsalc			0.7778	0.0741	0.7212	0.7273	0.0975
haberman			0.7000	0.3000	0.6011	0.2012	0.8607
hapt			0.9323	0.0113	0.8594	0.9201	0.1105
har			0.8496	0.0601	0.8474	0.8094	0.2664
har701%			0.7491	0.0717	0.5011	0.6580	0.1947
har7010%			0.7466	0.0724	0.5341	0.6587	0.3544
harth1%			0.7969	0.0338	0.5111	0.7264	0.3144
hayes-roth			0.5625	0.2917	0.6200	0.2911	0.4882
hcc-survival			0.5882	0.4118	0.5845	0.1678	0.9290
health-activity			0.7600	0.1200	0.3968	0.1345	0.4369
heart			0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack			0.8065	0.1935	0.8096	0.6141	0.6376
heart-c			0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure			0.8960	0.1040	0.8789	0.7578	0.4751
heart-quantum			0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis			0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs			1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%			0.6509	0.3491	0.6480	0.2934	0.8752
higher			0.4286	0.1429	0.4667	0.3373	0.2938
hinselmann			0.7000	0.3000	0.6098	0.2105	0.7892
hitters			0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa			0.8870	0.1130	0.8074	0.6139	0.5962
hiva			0.9456	0.0544	0.5276	0.0531	0.6308
horse			0.7222	0.1852	0.7181	0.5034	0.4654
hotel-reservartions			0.7213	0.2787	0.7310	0.4373	0.7274
hr			0.6316	0.3684	0.5607	0.0947	0.6474
ht-sensor10%			0.6762	0.2159	0.6824	0.5148	0.5330
htru2			0.9765	0.0235	0.9278	0.8551	0.2726

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hypothyroid		0.9920	0.0040	0.7241	0.9526	0.0810
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.7288	0.2712	0.6472	0.2892	0.8209
immuno-therapy		0.6667	0.3333	0.5950	0.1818	0.8134
instagram		0.9707	0.0147	0.9713	0.9609	0.0590
ionosphere		0.9714	0.0286	0.9671	0.9320	0.1146
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8639	0.0105	0.8759	0.8585	0.1132
jm1		0.7365	0.2635	0.6590	0.3032	0.7520
jvowels		0.8554	0.0321	0.8467	0.8358	0.1915
kc1		0.8341	0.1659	0.6496	0.2928	0.7306
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.6154	0.1538	0.2974	0.2262	0.4304
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.7312	0.4595	0.7161
kddcup981%		0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup991%		0.9976	0.0004	0.8088	0.9959	0.0022
kddcup9910%		0.9983	0.0002	0.7740	0.9972	0.0607
kepler		0.8713	0.0858	0.8311	0.7898	0.2594
kidney		0.5088	0.1965	0.2103	0.0264	0.6123
kidney-disease		0.9750	0.0250	0.9737	0.9459	0.1112
krkopt		0.3772	0.0692	0.3816	0.3014	0.5063
krvskp		0.9404	0.0596	0.9403	0.8806	0.3025
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.6471	0.0307	0.6070	0.6308	0.0844
led24		0.6500	0.0778	0.6667	0.6045	0.1889
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7800	0.0169	0.7848	0.7711	0.2244
leukemia		0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8056	0.0259	0.8028	0.7909	0.0731
linkage		0.9999	0.0001	0.9963	0.9926	0.0293
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.9999	0.0001	0.9917	0.9834	0.0760
liver		0.7059	0.2941	0.6994	0.3863	0.7816
loan		0.9696	0.0304	0.9687	0.9361	0.1901
localization10%		0.4411	0.1016	0.2795	0.3226	0.6308
lrs		0.8491	0.0431	0.7954	0.7884	0.1181
lung		0.9048	0.0381	0.8857	0.8190	0.1706
lung_discrete		0.8750	0.0500	0.7467	0.8400	0.0440
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7857	0.1429	0.8456	0.6147	0.3285
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9149	0.0851	0.9152	0.8273	0.3841
madelon		0.6423	0.3577	0.6450	0.2846	0.8739
magic04		0.7659	0.2341	0.7521	0.5017	0.7327
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8616	0.1384	0.7004	0.3962	0.6801
maternal		0.6535	0.2310	0.6594	0.4758	0.5702
math		0.8000	0.1000	0.7661	0.6975	0.2802
mba		0.7952	0.1366	0.4684	0.3754	0.3674

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mental-disorders		1.0000	0.0000	1.0000	1.0000	0.0000
mental-health		0.1833	0.3267	0.1883	-0.0190	0.8698
messidor		0.6609	0.3391	0.6693	0.3301	0.8399
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.8275	0.7672	0.1960
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.9200	0.0160	0.9211	0.9111	0.0951
mfeat-fou		0.7550	0.0490	0.7505	0.7278	0.2140
mfeat-kar		0.8900	0.0220	0.8937	0.8778	0.1220
mfeat-mor		0.6600	0.0680	0.6266	0.6222	0.2060
mfeat-pix		0.9300	0.0140	0.9386	0.9222	0.0751
mfeat-zer		0.7350	0.0530	0.7436	0.7056	0.2144
mice-prot		0.9907	0.0023	0.9910	0.9894	0.0110
milk		0.8962	0.0692	0.9008	0.8437	0.1324
mines		0.5588	0.1765	0.5182	0.4450	0.4105
mobile		0.7832	0.0077	0.8161	0.7792	0.0958
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.7377	0.2623	0.7189	0.2907	0.4308
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9951	0.0049	0.9951	0.9901	0.0365
music		0.4128	0.1068	0.5006	0.3396	0.5453
musk		0.9455	0.0545	0.8898	0.7606	0.2251
MUT_ci300400a_cdk_ECFP2		0.7566	0.2434	0.7650	0.5174	0.7048
MUT_ci300400a_cdk_ECFP4		0.7617	0.2383	0.7616	0.5194	0.7244
MUT_ci300400a_cdk_ECFP6		0.7126	0.2874	0.7175	0.4273	0.7825
MUT_ci300400a_cdk_ESTATE		0.6882	0.3118	0.6919	0.3777	0.8170
MUT_ci300400a_cdk_EXTENDED		0.7254	0.2746	0.7388	0.4603	0.7365
MUT_ci300400a_cdk_FCFP2		0.7569	0.2431	0.7557	0.5086	0.7348
MUT_ci300400a_cdk_FCFP4		0.7722	0.2278	0.7696	0.5376	0.7140
MUT_ci300400a_cdk_FCFP6		0.7590	0.2410	0.7643	0.5195	0.7119
MUT_ci300400a_cdk_MACCS		0.7014	0.2986	0.6939	0.3878	0.8230
MUT_ci300400a_cdk_PUBCHEM		0.7629	0.2371	0.7659	0.5251	0.7131
MUT_ci300400a_cdk_STANDARD		0.7066	0.2934	0.7094	0.4131	0.7958
MUT_ci300400a_rdkit_descriptors		0.7193	0.2807	0.7260	0.4429	0.7690
myocardial		0.8706	0.0324	0.2779	0.3704	0.1890
naticusdroid		0.9441	0.0559	0.9444	0.8882	0.2833
NCI60		0.5000	0.1667	0.4545	0.4000	0.1534
nci9		0.5000	0.1667	0.4545	0.4000	0.1541
ncRNA1%		0.8702	0.0137	0.4121	0.6664	0.6393
ncRNA10%		0.8745	0.0132	0.4239	0.6838	0.7109
neo		0.7970	0.2030	0.7203	0.3564	0.5562
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6271	0.3729	0.6272	0.2540	0.9015
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9074	0.0926	0.8869	0.7737	0.4552
NPHA-doctor-visits		0.4167	0.3889	0.3521	-0.0385	0.7358
nursery		0.8603	0.0698	0.6563	0.7928	0.1732
obesity		0.7962	0.0582	0.7985	0.7617	0.2147
obs		0.8611	0.0694	0.8981	0.7913	0.1827
occupancy		0.9839	0.0161	0.9775	0.9550	0.1471
Occupancy_Estimation		0.9882	0.0059	0.9616	0.9639	0.0369
oh0-wc		0.8713	0.0257	0.8610	0.8521	0.1144
oh10-wc		0.6762	0.0648	0.6205	0.6290	0.3046
oh15-wc		0.8043	0.0391	0.7994	0.7774	0.1919
oh5-wc		0.7582	0.0484	0.7681	0.7280	0.2323

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
olive			0.8947	0.0234	0.8808	0.8686	0.1011
opn310k10%			0.9180	0.0820	0.6870	0.3386	0.5603
optdigits			0.9199	0.0160	0.9240	0.9110	0.1103
optdigitsZ			0.9947	0.0053	0.9834	0.9668	0.0845
orl			0.6000	0.0200	0.5616	0.5897	0.0895
orlraws10P			0.8000	0.0400	0.7467	0.7778	0.0507
ozone1hr			0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr			0.9051	0.0949	0.6234	0.2440	0.6698
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7990	0.2010	0.7870	0.5696	0.6758
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8413	0.1587	0.8447	0.6838	0.5614
page-blocks			0.9689	0.0124	0.8405	0.8022	0.0736
parkinson			0.9667	0.0333	0.9670	0.9319	0.1832
parkinsons			0.7725	0.2275	0.7521	0.4947	0.7061
parkinsons-small			0.8947	0.1053	0.8643	0.7286	0.5039
particle10%			0.8508	0.1492	0.8199	0.6389	0.6074
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.6644	0.2997	0.5774
pcmac			0.4691	0.5309	0.4589	-0.0821	1.0000
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9211	0.0789	0.8939	0.7647	0.2161
pediatric-leukemia			0.8235	0.0504	0.8329	0.7859	0.1561
pendigits			0.9318	0.0136	0.9346	0.9242	0.0883
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.6667	0.3333	0.6582	0.3077	0.8309
persistency			0.8017	0.1983	0.7841	0.5599	0.6524
pet-adoption			0.8750	0.1250	0.8671	0.7288	0.5179
phishing			0.9306	0.0694	0.9277	0.8514	0.3003
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%			0.5819	0.1194	0.5780	0.5114	0.3973
phone-gyr0.1%			0.7057	0.0841	0.6879	0.6549	0.3110
phoneme			0.8019	0.1981	0.7762	0.5453	0.6815
pima			0.7763	0.2237	0.7750	0.5451	0.6998
pirvision			0.9935	0.0044	0.9886	0.9793	0.0453
placement			0.7770	0.2230	0.7720	0.5439	0.7108
plant-growth			0.6842	0.3158	0.6833	0.3667	0.8414
plrx			0.6111	0.3889	0.5439	0.0870	0.8978
poker			0.0000	0.2222	0.0000	0.0000	0.2380
poker1%			0.3307	0.1912	0.1545	0.0384	0.8426
poker10%			0.3031	0.1742	0.1875	0.0392	0.7620
polish-1st			0.9630	0.0370	0.7407	0.4808	0.5564
polish-2nd			0.9390	0.0610	0.6574	0.3092	0.6066
polish-3rd			0.8505	0.1495	0.6137	0.1747	0.4977
polish-4th			0.9439	0.0561	0.7332	0.4658	0.5962
polish-5th			0.9340	0.0660	0.7299	0.4584	0.5936
polya			0.7503	0.2497	0.7349	0.4683	0.7590
popularity			0.0552	0.6298	0.0349	0.0000	0.3650
post-operative			0.4444	0.5556	0.3077	-0.3636	1.0000
pred-tox_mutagen_ref-desc			0.6471	0.3529	0.6539	0.2941	0.8472
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.4848	0.0793	0.4076	0.4199	0.2275
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.7015	0.2985	0.6872	0.3673	0.8040
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8836	0.0466	0.8305	0.8441	0.2222
puc-rio10%			0.9077	0.0369	0.8394	0.8750	0.1578
pufs-1281%			0.4848	0.5152	0.4848	-0.0303	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-12810%			0.5014	0.4986	0.5014	0.0027	0.9991
pufs-641%			0.5083	0.4917	0.5083	0.0167	0.9952
pufs-6410%			0.4992	0.5008	0.4991	-0.0017	0.9998
pulsar			0.9769	0.0231	0.9320	0.8638	0.3066
raisin			0.8889	0.1111	0.8924	0.7778	0.4271
re0-wc			0.8067	0.0297	0.8280	0.7516	0.2720
re1-wc			0.8434	0.0125	0.6999	0.8205	0.1186
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9824	0.0176	0.9823	0.9644	0.1139
rocket			0.6154	0.3846	0.6377	0.2568	0.8464
RT_IOT2022			0.9927	0.0012	0.9617	0.9816	0.0120
satimage			0.8569	0.0477	0.8372	0.8230	0.2212
satimageF			0.9891	0.0109	0.9718	0.9435	0.1479
satimageT			0.8880	0.1120	0.7623	0.5054	0.6228
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6765	0.3235	0.6768	0.3529	0.8487
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9295	0.0705	0.5865	0.1280	0.5676
secondary_mushroom			0.4452	0.5548	0.3081	0.0000	0.5302
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9481	0.0148	0.9522	0.9393	0.0776
segmentation			0.7772	0.2228	0.7866	0.5519	0.6546
segmentO			0.9913	0.0087	0.9828	0.9655	0.1114
seismic			0.8566	0.1434	0.6808	0.3080	0.5699
semeion			0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram			0.8263	0.1737	0.5624	0.1206	0.7656
sens-10-gram			0.8583	0.1417	0.6100	0.1865	0.6766
sens-2-gram			0.8526	0.1474	0.6433	0.2821	0.7178
sens-3-gram			0.8553	0.1447	0.6468	0.2881	0.7126
sens-4-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram			0.8368	0.1632	0.5972	0.1898	0.7478
sens-6-gram			0.8553	0.1447	0.5940	0.1600	0.6945
sens-7-gram			0.8605	0.1395	0.6544	0.3007	0.7003
sens-8-gram			0.8605	0.1395	0.6308	0.2417	0.6916
sens-9-gram			0.8474	0.1526	0.6035	0.1956	0.7291
sensorless			0.8781	0.0222	0.8850	0.8659	0.1070
sepsis			0.6779	0.3221	0.5863	0.1176	0.5228
shoppers			0.8719	0.1281	0.7812	0.5562	0.6342
shuttle			0.9995	0.0001	0.9956	0.9985	0.0010
sick			0.9602	0.0398	0.8549	0.7060	0.4982
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7916	0.2084	0.8001	0.5334	0.5509
skin10%			0.9408	0.0592	0.9087	0.8171	0.3662
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1800	0.4100	0.1704	-0.0974	0.8588
smoking			0.7041	0.2959	0.6638	0.3085	0.8022
soil_pollution			0.1767	0.3293	0.1790	-0.0297	0.8801
solar-flare			0.6978	0.1007	0.6023	0.6196	0.1693
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.9412	0.0062	0.9553	0.9356	0.0335
spam-detection			0.6945	0.3055	0.6854	0.2425	0.4610
spambase			0.9109	0.0891	0.9090	0.8162	0.4069
spect			0.7778	0.2222	0.8000	0.5263	0.5283
spectf			0.8857	0.1143	0.8600	0.7200	0.5179
spectrometer			0.5000	0.0370	0.3980	0.4688	0.1822
splice-EI			0.9180	0.0820	0.9100	0.8038	0.3968
splice-IE			0.9054	0.0946	0.8795	0.7539	0.4888

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sport-articles			0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7434	0.1710	0.7160	0.6005	0.3537
steel-b			0.8051	0.1949	0.7666	0.5097	0.6617
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9692	0.0308	0.9520	0.9020	0.1773
steel-o			0.7231	0.2769	0.6911	0.2648	0.5619
steel-p			0.9282	0.0718	0.7346	0.4622	0.5763
steel-s			0.9846	0.0154	0.8934	0.7617	0.0555
steel-z			0.9641	0.0359	0.9124	0.8173	0.4208
stellar			0.9021	0.0653	0.9004	0.8334	0.2370
stock			0.8611	0.1389	0.7725	0.5443	0.6484
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9800	0.0200	0.9799	0.9596	0.1342
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.6100	0.1560	0.3685	0.4081	0.4164
student-habits			0.3700	0.2520	0.2897	0.0843	0.7341
student-weekend			0.3846	0.2462	0.2822	0.1534	0.7198
student-workday			0.7344	0.1062	0.3278	0.3581	0.4595
studentap			0.6154	0.2564	0.5746	0.3981	0.4288
susy1%			0.7616	0.2384	0.7593	0.5181	0.7321
tae			0.3333	0.4444	0.3566	0.0000	0.7557
telco-churn			0.8679	0.1321	0.8347	0.6687	0.5759
texture			0.9364	0.0116	0.9401	0.9298	0.0799
theorem			0.9133	0.0867	0.9152	0.8162	0.2668
thoracic			0.8085	0.1915	0.5444	0.0824	0.7852
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.7895	0.2105	0.7726	0.5428	0.6994
tis			0.7726	0.2274	0.7878	0.5201	0.5913
tis10%			0.8284	0.1716	0.7580	0.5128	0.6702
titanic			0.7364	0.2636	0.7103	0.4184	0.7820
tourist			0.7500	0.1000	0.5250	0.6364	0.1042
tox_171			0.7059	0.1471	0.7250	0.6083	0.2070
toxicity			0.7647	0.2353	0.7310	0.4426	0.7072
toxicity-13f			0.7059	0.2941	0.6913	0.3796	0.8113
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.4603	-0.0628	0.8856
trec11-wc			0.8537	0.0325	0.7470	0.8179	0.1090
trec12-wc			0.8387	0.0403	0.8778	0.8050	0.1456
trec21-wc			0.9091	0.0364	0.8982	0.8311	0.2470
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec45-wc			0.9420	0.0116	0.8486	0.9322	0.0426
tuandromd			0.9641	0.0359	0.9460	0.8913	0.2919
turkish			0.7750	0.1125	0.7698	0.7000	0.3028
tvnews1%			0.8923	0.1077	0.8836	0.7668	0.4642
tvnews10%			0.8581	0.1419	0.8452	0.6853	0.5336
ur3_cobotops_grip			0.9673	0.0327	0.6741	0.3185	0.5101
ur3_cobotops_stop			0.9592	0.0408	0.7316	0.4616	0.5812
urban			0.7463	0.0564	0.7768	0.7032	0.1901
urinalysis			0.9510	0.0490	0.7546	0.5076	0.5542
vehicle			0.7500	0.1250	0.7182	0.6626	0.2730
vehicleVAN			0.7857	0.2143	0.6699	0.2653	0.6296
voice			0.7500	0.2500	0.7391	0.4706	0.7427
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5556	0.0808	0.6057	0.5111	0.2422
vowelZ			0.8990	0.1010	0.4734	-0.0185	0.5421

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
warpar10p			0.6154	0.0769	0.5859	0.5667	0.1477
warppie10p			0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc1%			0.6758	0.0926	0.6705	0.6214	0.3684
watch-gyr1%			0.6878	0.0892	0.6890	0.6357	0.3170
water_pollution			0.2500	0.3750	0.2661	0.0034	0.8129
waveform			0.7760	0.1493	0.7780	0.6638	0.4560
weather-related			0.9365	0.0115	0.9301	0.9280	0.0718
web-phishing			0.8370	0.1086	0.5787	0.6949	0.2885
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.8966	0.0414	0.8958	0.8688	0.1857
white-clover			0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc			0.9850	0.0075	0.9854	0.9800	0.0287
wilt			0.9627	0.0373	0.8572	0.6908	0.5238
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6101	0.1300	0.2892	0.3696	0.4399
winequality-white			0.4847	0.1718	0.2917	0.2303	0.4515
winnipeg10%			0.9758	0.0069	0.9785	0.9693	0.0495
wisc_bc			0.9298	0.0702	0.9321	0.8550	0.3064
yale			0.3750	0.0833	0.3294	0.3333	0.1709
yeast			0.5676	0.0961	0.4158	0.4460	0.3743
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.7155	0.4272	0.5783
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9527	0.0473	0.6808	0.3410	0.5495
zip			0.9043	0.0191	0.8978	0.8927	0.1461

Table 73: Detailed results for HDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1301	0.0828	0.0508	0.0333	0.4073
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.6000	0.4000	0.6094	0.2000	0.8750
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8592	0.1408	0.7954	0.5740	0.5543
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6512	0.3488	0.5760	0.1305	0.8617
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9861	0.0139	0.4965	-0.0067	0.5619
anuran-family		0.8303	0.0848	0.5013	0.6453	0.3059
anuran-genus		0.7775	0.0556	0.4284	0.5929	0.3575
anuran-species		0.8042	0.0392	0.4755	0.7182	0.2214
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.7700	0.2300	0.7756	0.5400	0.6844
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.8590	0.1410	0.8570	0.6903	0.4347
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.4183	0.0969	0.2174	0.0471	0.5014
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.9194	0.0538	0.8845	0.8604	0.3020
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9945	0.0055	0.8334	0.6639	0.3909
biodeg		0.6857	0.3143	0.6489	0.2588	0.7794
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6500	0.1750	0.6536	0.5333	0.4780
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7490	0.6733	0.1057
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.7000	0.3000	0.4118	0.0000	0.4416
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.6479	0.0704	0.5200	0.5681	0.3120
cardiotocography-nsp		0.8685	0.0876	0.7231	0.6259	0.4305
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.7250	0.1833	0.6938	0.5149	0.3455
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8315	0.1685	0.5179	0.0234	0.7101
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.3810	0.4127	0.1839	0.0000	0.3169
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7046	0.1477	0.3920	0.5089	0.3235
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4490	0.3673	0.4149	0.1345	0.7893
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.5035	0.0903	0.2101	0.3799	0.3727
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.8571	0.1429	0.8133	0.6231	0.5828
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6552	0.3448	0.5841	0.1570	0.8836
colposcopies-2		0.5172	0.4828	0.4451	-0.1033	0.9975
colposcopies-3		0.6207	0.3793	0.5884	0.1448	0.8434
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.6207	0.3793	0.6860	0.2200	0.5093
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.8065	0.1935	0.7925	0.5792	0.6633
column-3c		0.7419	0.1720	0.6679	0.5797	0.3260
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.6947	0.3053	0.7006	0.3879	0.7934
coupon		0.5686	0.4314	0.3625	0.0000	0.5122

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8184	0.0605	0.4627	0.5901	0.2758
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.1250	0.0437	0.0800	0.1058	0.1384
customer-churn		0.9790	0.0210	0.5542	0.0172	0.2126
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8378	0.0541	0.8149	0.7954	0.1286
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9231	0.0769	0.9186	0.8344	0.3408
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7133	0.1911	0.6046	0.4888	0.4212
drug-01		0.3777	0.1778	0.1068	-0.0141	0.4366
drug-02		0.5160	0.1383	0.1343	0.0672	0.3738
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3670	0.1809	0.2514	0.1878	0.5054
drug-07		0.4734	0.1505	0.1469	0.1072	0.3379
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5745	0.1216	0.1732	0.1513	0.3432

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6223	0.1079	0.1745	0.2459	0.3223
drug-14		0.5053	0.1413	0.1974	0.1387	0.4742
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5745	0.1216	0.2098	0.2702	0.3952
drug-17		0.3564	0.1839	0.1579	0.1078	0.5231
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.8707	0.0369	0.8759	0.8439	0.1835
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		0.8182	0.1818	0.7992	0.5849	0.6041
ecoliM		0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU		0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM		0.9697	0.0303	0.9024	0.7843	0.4644
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5768	0.4232	0.5800	0.1581	0.9368
eeg10%		0.1624	0.1047	0.0745	0.0515	0.5889
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9206	0.0794	0.9204	0.8408	0.3702
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9608	0.0392	0.9616	0.9202	0.1675
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8833	0.8431	0.0994
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9231	0.0385	0.9172	0.8937	0.0956
gas		0.5658	0.1447	0.5844	0.4774	0.3970
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6021	0.2653	0.3813	0.1468	0.5107
gene		0.7476	0.1682	0.7494	0.6087	0.4703
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
glass		0.5238	0.1587	0.5605	0.3333	0.3171
glass-g2		0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP		0.5714	0.4286	0.4788	-0.0328	0.9319
glassBWNFP		0.6667	0.3333	0.6687	0.3226	0.8108
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7368	0.2632	0.7449	0.4633	0.6993
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.6905	0.3095	0.6757	0.3473	0.8339
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7667	0.2333	0.6568	0.2553	0.6855
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.4893	0.2043	0.4541	0.3400	0.5316

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har70		0.7856	0.0613	0.4796	0.6957	0.2083
har701%		0.7938	0.0589	0.4824	0.7069	0.2064
har7010%		0.7904	0.0599	0.4815	0.7023	0.2071
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.7473	0.0421	0.3243	0.6489	0.2137
harth10%		0.7413	0.0431	0.3234	0.6408	0.2155
hayes-roth		0.3750	0.4167	0.2788	-0.0390	0.7493
hcc-survival		0.7647	0.2353	0.7571	0.5143	0.7332
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8065	0.1935	0.8046	0.6092	0.6543
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure		0.7180	0.2820	0.6326	0.1832	0.6799
heart-quantum		0.6600	0.3400	0.6556	0.3089	0.8609
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.7191	0.2809	0.7312	0.4367	0.7262
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.7692	0.2308	0.4348	0.0000	0.3833
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6145	0.3855	0.6211	0.2000	0.8103
higgs1%		0.6059	0.3941	0.6127	0.1798	0.8065
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1148	0.0778	0.3710
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5910	0.2727	0.6353	0.4009	0.5033
htru2		0.9693	0.0307	0.9065	0.8128	0.3480
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9714	0.0286	0.9671	0.9320	0.1146
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8099	0.1901	0.6102	0.1476	0.6389
jvowels		0.5301	0.1044	0.5088	0.4686	0.4874
kc1		0.8246	0.1754	0.5892	0.1590	0.7421
kc1-class-level-defectiveornot		0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2560	0.0827	0.1326	0.1535	0.5729
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la2s-wc		0.2517	0.2494	0.0670	0.0000	0.3690
labor		0.6667	0.3333	0.6250	0.2500	0.8750
leaf		0.2941	0.0353	0.1425	0.2688	0.1206
led24		0.5000	0.1000	0.4467	0.4318	0.2564
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.3000	0.0538	0.3029	0.2728	0.5256
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.6944	0.0407	0.7111	0.6727	0.1302
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9995	0.0005	0.9628	0.9228	0.0031
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6765	0.3235	0.6780	0.3392	0.7960
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.5849	0.1186	0.3923	0.4008	0.3111
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.8298	0.1702	0.8285	0.6546	0.6047
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7580	0.2420	0.7243	0.4014	0.6542
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.4688	0.5312	0.3191	0.0000	0.5307
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.5545	0.2970	0.5403	0.3010	0.5431
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.5739	0.4261	0.5636	0.1270	0.9527
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		0.2222	0.5185	0.1212	0.0000	0.4199
meter-C		0.3333	0.3333	0.1250	0.0000	0.3773
meter-D		0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.5550	0.0890	0.5495	0.5056	0.3624
mfeat-kar		0.6850	0.0630	0.6798	0.6500	0.3003
mfeat-mor		0.7100	0.0580	0.6936	0.6778	0.1900
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.4650	0.1070	0.4529	0.4056	0.4830
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.8774	0.0818	0.8613	0.8114	0.2451
mines		0.5588	0.1765	0.5728	0.4504	0.3841
mobile		0.1713	0.0296	0.1424	0.1564	0.3482
monks-1		0.5818	0.4182	0.5845	0.1661	0.9341

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-2		0.8033	0.1967	0.7779	0.5542	0.6781
monks-3		0.8393	0.1607	0.8490	0.6753	0.4902
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.3656	0.1154	0.2707	0.2170	0.6053
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.8998	0.1002	0.5430	0.0206	0.4145
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5000	0.3333	0.3046	-0.0165	0.5418
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.4630	0.2685	0.1582	0.0000	0.3435
occupancy		0.9781	0.0219	0.9710	0.9404	0.2020
Occupancy_Estimation		0.9773	0.0114	0.9423	0.9319	0.1121
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.8246	0.0390	0.7848	0.7836	0.1438
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9122	0.0351	0.4241	0.4744	0.4389
parkinson		0.9667	0.0333	0.9655	0.9310	0.2012
parkinsons		0.6209	0.3791	0.5333	0.0178	0.6560

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons-small			0.8421	0.1579	0.8114	0.6175	0.6233
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.8108	0.1892	0.7474	0.4529	0.5961
pasture			0.2500	0.5000	0.1333	0.0000	0.4055
pc1			0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			0.9800	0.0200	0.9685	0.9351	0.0783
pd			0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.7889	0.0422	0.7873	0.7653	0.2308
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.9224	0.0776	0.9192	0.8382	0.3751
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7741	0.2259	0.7711	0.5163	0.6671
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7368	0.2632	0.7271	0.3930	0.6335
pirvision			0.9477	0.0348	0.9066	0.8337	0.2354
placement			0.7420	0.2580	0.7340	0.4676	0.7677
plant-growth			0.5263	0.4737	0.3448	0.0000	0.5239
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9617	0.0383	0.6732	0.0470	0.1111
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9439	0.0561	0.5386	0.0260	0.4089
polish-5th			0.9289	0.0711	0.4816	-0.0033	0.3009
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.5882	0.4118	0.6005	0.1765	0.8657
prestige			0.6667	0.2222	0.6389	0.4808	0.4322
primary-tumor			0.3030	0.1072	0.2049	0.2183	0.3140
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-641%			0.4921	0.5079	0.4920	-0.0159	1.0000
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9761	0.0239	0.9258	0.8493	0.2394
raisin			0.8556	0.1444	0.8667	0.7111	0.4449
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9857	0.0143	0.9856	0.9711	0.0925
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5922	0.4078	0.5224	0.0013	0.5319
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.7154	0.0949	0.6562	0.6437	0.3298
satimageF			0.9751	0.0249	0.9377	0.8749	0.3070
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.4412	0.5588	0.4189	-0.1176	0.9672
sclerosis			0.9259	0.0741	0.9250	0.8500	0.3546
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.7489	0.0717	0.7676	0.7072	0.2517
segmentation			0.7723	0.2277	0.7569	0.5127	0.7270
segmentO			0.9567	0.0433	0.9119	0.8233	0.3367
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.9424	0.0165	0.4781	0.8513	0.2557
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9820	0.0180	0.9725	0.9438	0.0903
skin10%			0.9788	0.0212	0.9675	0.9332	0.0986
smarket			0.7520	0.2480	0.7548	0.5016	0.7248
smart-farming			0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.7000	0.3000	0.7000	0.4000	0.8211
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9435	0.0565	0.8113	0.6094	0.4423
spambase			0.7152	0.2848	0.7715	0.4676	0.5560
spect			0.7037	0.2963	0.5141	0.0270	0.8776

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectf			0.7429	0.2571	0.7625	0.4793	0.6462
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.8360	0.1640	0.7826	0.5653	0.6557
splice-IE			0.7855	0.2145	0.6525	0.2639	0.7083
sport-articles			0.7400	0.2600	0.7117	0.4163	0.7699
squash-stored			0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.0821	0.9179	0.0758	0.0000	0.2013
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8333	0.1667	0.6696	0.3132	0.6852
stockb			0.3348	0.4435	0.1672	0.0000	0.4165
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7214	0.2786	0.7297	0.4200	0.6931
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.5333	0.3111	0.5755	0.3000	0.5012
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.3227	0.6773	0.2440	0.0000	0.4945
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5043	0.0072	0.8694
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.5250	0.2375	0.5337	0.3667	0.5475
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.4776	0.1161	0.3538	0.3809	0.4095
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7262	0.1369	0.6728	0.6297	0.3128
vehicleVAN			0.8929	0.1071	0.8504	0.6897	0.4534
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.7907	0.2093	0.7977	0.5789	0.6286
vowel			0.5354	0.0845	0.5585	0.4889	0.2615
vowelZ			0.9697	0.0303	0.9024	0.7843	0.0972
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.4200	0.3867	0.4187	0.1311	0.7826
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.7778	0.1481	0.5349	0.5801	0.3622
Weekly			0.5648	0.4352	0.6172	0.0231	0.5148
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9500	0.0250	0.9503	0.9333	0.1060
wilt			0.9834	0.0166	0.9055	0.8011	0.1818
wine			0.8235	0.1176	0.8397	0.7000	0.2906
winequality-red			0.5346	0.1551	0.2522	0.2155	0.4036
winequality-white			0.4724	0.1507	0.2894	0.0955	0.4193
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5338	0.0932	0.4566	0.4005	0.3526
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 74: Detailed results for HHCart

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2062	0.0547	0.0971	0.1338	0.4914
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9512	0.0488	0.9008	0.8013	0.4029
adult		0.8489	0.1511	0.7751	0.5377	0.6045
advanced-iot		0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.6984	0.3016	0.4746	-0.0386	0.5637
AID_1431_MACCSFingerprinter		0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1878		0.8381	0.1619	0.6657	0.2553	0.5854
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8687	0.0875	0.3099	-0.0166	0.3138
AID1284Morered		0.7500	0.2500	0.4286	-0.1408	0.8101
AID1284red		0.8333	0.1667	0.5863	0.1628	0.7500
AID1608Morered		0.8058	0.1942	0.5467	0.0779	0.5663
AID1608red		0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red		0.9836	0.0164	0.6183	0.2149	0.5259
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.6098	0.2105	0.8520
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.4444	0.5556	0.3077	-0.3636	0.8576
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8826	0.1174	0.8337	0.6622	0.5206
air_pollution		0.2133	0.2248	0.1038	-0.0130	0.6192
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.9062	0.0938	0.9049	0.8096	0.4182
alcohol		0.6952	0.1219	0.4473	0.3994	0.3806
all-aml		0.8333	0.1667	0.8537	0.6667	0.4644
alzheimers		0.8744	0.1256	0.8640	0.7277	0.5232
anneal		0.8652	0.0539	0.7047	0.7222	0.1935
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9040	0.0480	0.6182	0.8228	0.2342
anuran-genus		0.8929	0.0268	0.6129	0.8247	0.2336
anuran-species		0.8528	0.0294	0.6456	0.7920	0.2077
anxiety		0.0750	0.2056	0.0582	-0.0396	0.7101
apple-quality		0.7500	0.2500	0.7502	0.5000	0.7489
aps-failure		0.9880	0.0120	0.7983	0.5591	0.2887
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9059	0.0941	0.6326	0.0965	0.2003
arabidopsis1%		0.9732	0.0268	0.5667	0.1060	0.4048
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7000	0.3000	0.6803	0.3182	0.7426
arrhythmia		0.5111	0.0978	0.2701	0.2332	0.5227
auction		0.9118	0.0882	0.7695	0.4848	0.4195
audiology		0.6522	0.0290	0.2386	0.5884	0.1159
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8000	0.0667	0.6842	0.7360	0.1851
avila		0.3785	0.1036	0.2592	0.2585	0.4756
babies		0.3468	0.1866	0.1817	0.0303	0.4645
balance		0.7903	0.1398	0.6382	0.6452	0.4453
bank		0.9082	0.0918	0.7577	0.5135	0.5993
banknote		0.9927	0.0073	0.9927	0.9852	0.0474
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8687	0.1313	0.8557	0.7054	0.5016
basehock		0.8392	0.1608	0.8494	0.6780	0.5001
bio		0.9955	0.0045	0.8590	0.7063	0.2668
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8762	0.1238	0.8675	0.7337	0.5001
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.7347	0.0183	0.0294	0.0211	0.0380
bitcoin1%		0.6773	0.0223	0.0280	0.0207	0.0956
bitcoin10%		0.9801	0.0036	0.0900	0.0322	0.0531
body-perf		0.4672	0.2664	0.5362	0.2896	0.4387
bookings		0.9900	0.0066	0.8010	0.9788	0.0157
brain-tumor		0.4915	0.5085	0.4911	-0.0175	1.0000
breast-cancer		0.8214	0.1786	0.7665	0.5070	0.6034
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue		0.9091	0.0303	0.8046	0.8866	0.0381
bridges		0.5088	0.1332	0.2568	0.2971	0.2614
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4240	0.3840	0.3323	0.0157	0.4623
car		0.8678	0.0661	0.6512	0.7204	0.2833
car-insurance		0.8400	0.1600	0.8092	0.6159	0.6089
card		0.8841	0.1159	0.8816	0.7575	0.4481
cardiotocography		0.5211	0.0958	0.4166	0.4323	0.4059
cardiotocography-nsp		0.8732	0.0845	0.7530	0.6078	0.3939
cardiovascular		0.7297	0.2703	0.7305	0.4594	0.7760
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.7206	0.5223	0.3955
cas_N6512_cdk_ECFP2		0.6943	0.3057	0.6925	0.3850	0.8293
cas_N6512_rdkit_ATOMPAIR		0.7046	0.2954	0.7016	0.4017	0.8137
cas_N6512_RDkit_AtomPair_FP		0.6902	0.3098	0.6884	0.3767	0.8345
cas_N6512_rdkit_AVALON		0.7450	0.2550	0.7449	0.4891	0.7562
cas_N6512_RDkit_Avalon_FP		0.7653	0.2347	0.7646	0.5289	0.7259
cas_N6512_rdkit_descriptors		0.7323	0.2677	0.7339	0.4655	0.7703
cas_N6512_rdkit_FEATMORGAN		0.6959	0.3041	0.6958	0.3909	0.8243
cas_N6512_RDkit_Featmorgan_FP		0.7270	0.2730	0.7263	0.4523	0.7841
cas_N6512_RDkit_FP		0.6779	0.3221	0.6769	0.3535	0.8483
cas_N6512_rdkit_LAYERED		0.7462	0.2538	0.7508	0.4954	0.7381
cas_N6512_RDkit_Layered_FP		0.7469	0.2531	0.7451	0.4900	0.7559

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7634	0.2366	0.7619	0.5188	0.7168
cas_N6512_RDkit_MACCS_FP		0.7531	0.2469	0.7522	0.5043	0.7456
cas_N6512_rdkit_MORGAN		0.6769	0.3231	0.6762	0.3522	0.8488
cas_N6512_RDkit_morgan_FP		0.7239	0.2761	0.7257	0.4490	0.7816
cas_N6512_rdkit_PATTERN		0.7585	0.2415	0.7595	0.5172	0.7319
cas_N6512_RDkit_pattern_FP		0.7239	0.2761	0.7222	0.4443	0.7899
cas_N6512_rdkit_RDKITFP		0.7296	0.2704	0.7330	0.4617	0.7682
cas_N6512_rdkit_TORSION		0.6923	0.3077	0.6935	0.3853	0.8258
ccds		0.9644	0.0356	0.7010	0.3443	0.4300
ccds1%		0.7637	0.2363	0.4787	-0.0219	0.3400
ccds10%		0.9399	0.0601	0.5589	0.1170	0.6312
cdc_diabetes		0.8453	0.1031	0.4136	0.1688	0.3245
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7668	0.2332	0.7472	0.4942	0.7399
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.6022	0.0519	0.2767
CDS49_AID687_Rdkit-ecfp4-fp		0.9964	0.0036	0.4991	-0.0016	0.5401
census		0.9464	0.0536	0.7373	0.4558	0.5142
census10%		0.9438	0.0561	0.6633	0.2253	0.4118
central-nervous-system		0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8463	0.0769	0.8550	0.7713	0.2563
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9337	0.0663	0.7225	0.2510	0.1683
churn		0.8500	0.1500	0.7403	0.4523	0.6003
churn-bigml		0.8502	0.1498	0.6869	0.3728	0.7059
ci900367j_MACCS		0.7158	0.2842	0.6936	0.3862	0.8123
circles		0.2320	0.0154	0.1131	0.2242	0.1723
cirrhosis		0.7619	0.1587	0.7456	0.5059	0.3193
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.6963	0.1519	0.4083	0.4949	0.2673
climate		0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111		0.5000	0.3333	0.6111	0.2174	0.4138
cm1		0.8400	0.1600	0.4565	-0.0811	0.7590
cmc		0.3741	0.4172	0.4545	0.1459	0.5382
cnae-9		0.9074	0.0206	0.9095	0.8958	0.1037
codon_usage		0.6869	0.0569	0.4506	0.6301	0.3834
coil20		0.8542	0.0146	0.8498	0.8464	0.0699
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.7241	0.2759	0.6821	0.3591	0.8058
colposcopies-2		0.5862	0.4138	0.5451	0.0890	0.9496
colposcopies-3		0.5862	0.4138	0.5542	0.1031	0.9376
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7241	0.2759	0.5851	0.1655	0.7831
colposcopies-6		0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c		0.7586	0.2414	0.6226	0.2281	0.7911
column-2c		0.8387	0.1613	0.8114	0.6210	0.6099
column-3c		0.7097	0.1935	0.6642	0.4955	0.3787

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.5224	0.4776	0.5194	0.0383	0.9839
comedy_comparisons10%		0.5427	0.4573	0.5413	0.0826	0.9736
connect-4		0.9960	0.0027	0.8868	0.9094	0.0269
cottonmeloidogyne		0.7596	0.2404	0.7600	0.5194	0.7330
coupon		0.6822	0.3178	0.6808	0.3602	0.8391
covid19		0.2423	0.2165	0.1784	0.0339	0.3593
covtype		0.6062	0.1125	0.2937	0.3683	0.4554
covtype10%		0.6084	0.1119	0.2998	0.3823	0.4874
covtypeCD		0.9364	0.0636	0.8574	0.7110	0.4289
covtypeT		0.9455	0.0545	0.7499	0.4690	0.4671
crabs		0.7500	0.1250	0.7708	0.6667	0.2841
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.7290	0.0903	0.3930	0.4776	0.3715
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.0938	0.0453	0.0500	0.0739	0.1761
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1567	0.2811	0.1360	-0.0101	0.6232
cyclopentane		0.6667	0.3333	0.6887	0.3520	0.7865
cylinder-bands		0.7037	0.2963	0.7195	0.4201	0.7603
darwin		0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1030	0.1794	0.0571	0.0016	0.5333
dbworld		0.8571	0.1429	0.8750	0.7200	0.4011
default		0.8263	0.1737	0.7128	0.3858	0.6261
defect		0.9136	0.0864	0.8289	0.6523	0.4909
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8910	0.1090	0.6985	0.3850	0.6345
depressed		0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology		0.9189	0.0270	0.9198	0.8989	0.0903
desharnais		0.6250	0.2500	0.5032	0.3143	0.4486
dexter		0.7667	0.2333	0.8021	0.5333	0.4545
df_final		0.6250	0.2500	0.6637	0.4419	0.5106
DIA		0.7333	0.2667	0.6760	0.3469	0.7873
diabetes		0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k		0.9332	0.0668	0.7539	0.4926	0.5252
diabetes-risk		0.8769	0.1231	0.7992	0.5894	0.5579
diabetic		0.5171	0.3219	0.4228	0.1397	0.6025
diabetic1%		0.4412	0.3725	0.4044	0.0980	0.7804
diabetic10%		0.4666	0.3556	0.3569	0.0409	0.7977
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.4095	0.2362	0.4627	0.2392	0.4598
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5000	0.5000	0.4857	-0.0286	0.9973
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.3739	0.6261	0.6069	0.0784	0.2946
dota2		0.5967	0.4033	0.5932	0.1844	0.9284
dota210%		0.5835	0.4165	0.5801	0.1591	0.9414
drebin		0.9760	0.0240	0.9745	0.9488	0.1645
dropout		0.7020	0.1986	0.6302	0.4522	0.3272
drug-01		0.2128	0.2249	0.2201	-0.0043	0.6083
drug-02		0.4096	0.1687	0.1783	0.1140	0.5869

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-03			0.5106	0.1398	0.1607	0.1585	0.3088
drug-04			0.4149	0.1672	0.1693	0.1490	0.5410
drug-05			0.5213	0.1368	0.1533	0.0963	0.2823
drug-06			0.1277	0.2492	0.1626	0.0017	0.5949
drug-07			0.4202	0.1657	0.0862	-0.0065	0.3033
drug-08			0.2606	0.2112	0.1481	0.0462	0.5156
drug-09			0.7074	0.0836	0.1368	0.1092	0.2095
drug-10			0.2394	0.2173	0.1441	0.0578	0.5573
drug-11			0.5957	0.1155	0.1435	0.0780	0.3188
drug-12			0.5585	0.1261	0.1712	0.1585	0.3443
drug-13			0.4149	0.1672	0.2764	0.2290	0.5571
drug-14			0.3298	0.1915	0.2062	0.1376	0.4777
drug-15			0.4309	0.1626	0.1181	0.0674	0.4741
drug-16			0.4947	0.1444	0.2622	0.3041	0.4571
drug-17			0.3085	0.1976	0.1146	0.0202	0.5176
drug-18			0.9947	0.0021	0.1995	0.0000	0.0076
drug-19			0.5106	0.1398	0.1363	0.0676	0.3868
drybean			0.8604	0.0399	0.8612	0.8320	0.2031
ecoli			0.6089	0.0880	0.3792	0.4724	0.2653
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU			0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM			0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce			0.2200	0.3900	0.2185	-0.0407	0.8268
eeg			0.1664	0.1042	0.1282	0.0891	0.6765
eeg-eye			0.7096	0.2904	0.7045	0.4035	0.7997
eeg10%			0.2030	0.0996	0.1289	0.1244	0.6200
email_phishing			0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus			0.5205	0.1918	0.5126	0.4000	0.5248
euthyroid			0.9557	0.0443	0.8868	0.7695	0.4573
exon.vs.intron-freq			0.9252	0.0748	0.9254	0.8502	0.3526
exon.vs.intron-freq10%			0.9216	0.0784	0.9225	0.8433	0.3584
fakenews			0.5275	0.4725	0.5408	0.0610	0.8706
farm-ads			0.8454	0.1546	0.8531	0.6842	0.4766
fbis-wc			0.5122	0.0574	0.4990	0.4487	0.5082
fertility			0.8000	0.2000	0.4444	-0.1111	0.7317
finance			0.6078	0.3922	0.5991	0.1956	0.9201
financial-risk			0.7545	0.0818	0.5592	0.5900	0.3366
fishcatch			0.7500	0.0833	0.7438	0.6923	0.1223
flags			0.3000	0.1750	0.3015	0.2090	0.3832
fonts			0.0333	0.0126	0.0042	0.0234	0.4321
fonts10%			0.0207	0.0128	0.0031	0.0078	0.4462
forest			0.7885	0.1058	0.7879	0.7048	0.2647
gas			0.7146	0.0951	0.7393	0.6524	0.2951
gastrointestinal			0.6875	0.2083	0.6816	0.5181	0.5083
gender			0.5621	0.2919	0.4970	0.1305	0.5323
gene			0.9022	0.0652	0.8905	0.8421	0.2488
german			0.7100	0.2900	0.6625	0.3128	0.8135
gestures			0.3964	0.3018	0.4494	0.1948	0.5983
gina			0.8617	0.1383	0.8621	0.7235	0.5302
gisette			0.8014	0.1986	0.8086	0.6029	0.6139
glass			0.7619	0.0794	0.6775	0.6656	0.1944
glass-g2			0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP			0.6190	0.3810	0.5777	0.1515	0.9201
glassBWNFP			0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers			0.9545	0.0455	0.8483	0.6452	0.1307
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9545	0.0455	0.8483	0.6452	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassVWFP		1.0000	0.0000	1.0000	1.0000	0.0000
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.6000	0.2000	0.5556	0.4737	0.1226
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage		0.4667	0.2667	0.4227	0.2638	0.4126
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.6667	0.3333	0.4000	-0.1194	0.8874
hapt		0.8838	0.0194	0.5592	0.8626	0.1546
har		0.6325	0.1470	0.6329	0.5381	0.4359
har70		0.6081	0.1120	0.4140	0.4961	0.3753
har701%		0.5987	0.1147	0.4325	0.4921	0.3464
har7010%		0.6156	0.1098	0.4292	0.5073	0.3575
harth		0.5124	0.0813	0.2071	0.3605	0.3579
harth1%		0.5214	0.0798	0.2139	0.3758	0.3600
harth10%		0.5145	0.0809	0.2123	0.3646	0.3510
hayes-roth		0.6875	0.2083	0.6451	0.5031	0.4476
hcc-survival		0.5882	0.4118	0.5502	0.0916	0.9258
health-activity		0.6000	0.2000	0.2818	0.1121	0.3449
heart		0.7037	0.2963	0.6853	0.3494	0.7830
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure		0.9160	0.0840	0.9009	0.7988	0.3815
heart-quantum		0.9200	0.0800	0.9167	0.8333	0.3797
hepatitis		0.6667	0.3333	0.6377	0.2424	0.7291
hepmass		0.8400	0.1600	0.8405	0.6800	0.5796
hepmass1%		0.8375	0.1625	0.8383	0.6752	0.5831
hepmass10%		0.8391	0.1609	0.8397	0.6783	0.5813
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.6779	0.3221	0.6770	0.3539	0.8488
higgs0.1%		0.6655	0.3345	0.6631	0.3255	0.8628
higgs1%		0.6686	0.3314	0.6660	0.3290	0.8545
higgs10%		0.6807	0.3193	0.6799	0.3597	0.8454
higher		0.1429	0.2143	0.1215	0.0059	0.3888
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa		0.8988	0.1012	0.8253	0.6503	0.5644
hiva		0.9362	0.0638	0.5480	0.0959	0.6132
horse		0.4722	0.3519	0.4791	0.1309	0.6274
hotel-reservartions		0.8319	0.1681	0.8043	0.6057	0.6198
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.6955	0.2030	0.7074	0.5381	0.5016
ht-sensor10%		0.6473	0.2352	0.6749	0.4598	0.5053
htru2		0.9799	0.0201	0.9372	0.8722	0.1956
hypothyroid		0.9761	0.0119	0.6931	0.8684	0.2172
hypothyroidT		0.9920	0.0080	0.9725	0.9448	0.1791
ilpd		0.6780	0.3220	0.6143	0.2285	0.8639
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9553	0.0223	0.9559	0.9404	0.0848
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.3607	0.0492	0.3671	0.3351	0.4069
jm1		0.8090	0.1910	0.5966	0.0809	0.5411
jvowels		0.6155	0.0855	0.6284	0.5625	0.3889

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1		0.8531	0.1469	0.6581	0.2727	0.6396
kc1-class-level-defectiveornot		0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect		0.3571	0.0536	0.0260	0.0382	0.1860
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.5552	0.1011	0.8298
kdc-4007		0.5960	0.1010	0.5882	0.5298	0.3162
kddcup98		0.8939	0.1061	0.5055	0.0109	0.6231
kddcup981%		0.5368	0.4632	0.5387	0.0279	0.2989
kddcup9810%		0.9173	0.0827	0.5251	0.0493	0.6615
kddcup99		0.9936	0.0006	0.1950	0.9891	0.1616
kddcup991%		0.9783	0.0019	0.1557	0.9634	0.0998
kddcup9910%		0.9755	0.0021	0.2038	0.9583	0.0576
kepler		0.7301	0.1799	0.7018	0.5027	0.3392
kidney		0.6626	0.1350	0.1869	-0.0018	0.3241
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.1319	0.0965	0.0930	0.0467	0.6533
krvskp		0.9624	0.0376	0.9637	0.9249	0.1792
la1s-wc		0.6095	0.1302	0.6272	0.5188	0.4130
la2s-wc		0.6424	0.1192	0.6846	0.5645	0.4072
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.1047	0.0561	0.0254	0.0734	0.1870
led24		0.5000	0.1000	0.4765	0.4366	0.2467
lenses		1.0000	0.0000	0.9852	0.9886	0.0143
letter		0.1070	0.0687	0.0702	0.0706	0.5392
leukemia		0.7143	0.1905	0.7778	0.5882	0.2985
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.4444	0.0741	0.4411	0.4045	0.2378
linkage		1.0000	0.0000	0.9982	0.9964	0.0002
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7353	0.2647	0.7051	0.4093	0.7890
loan		0.9438	0.0562	0.9402	0.8804	0.3003
localization		0.2798	0.1310	0.1202	0.1582	0.5956
localization10%		0.2549	0.1355	0.1213	0.1373	0.6019
lrs		0.8113	0.0377	0.5412	0.7339	0.1461
lung		0.7619	0.0952	0.6175	0.4643	0.2932
lung_discrete		0.7500	0.0714	0.6349	0.7037	0.0872
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.9161	0.8182	0.1250
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7173	0.1377	0.3793	0.4714	0.3165
lymphoma2		0.7778	0.0494	0.5135	0.7188	0.0294
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.5500	0.4500	0.5501	0.1000	0.9678
magic04		0.8222	0.1778	0.7999	0.5938	0.6230
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8115	0.6225	0.6394
marketing		0.8616	0.1384	0.6666	0.3000	0.6450
maternal		0.5446	0.3036	0.5885	0.2831	0.5060
math		0.7750	0.1125	0.7205	0.6584	0.3748
mba		0.8419	0.1054	0.4093	0.1179	0.2917
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2200	0.3120	0.2075	0.0310	0.5121
messidor		0.6435	0.3565	0.6442	0.2861	0.8783
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.8953	0.8512	0.0908
meter-D		0.5556	0.2222	0.5572	0.4194	0.3002
mfeat-fac		0.7550	0.0490	0.7631	0.7278	0.2329
mfeat-fou		0.5100	0.0980	0.5260	0.4556	0.3502
mfeat-kar		0.6300	0.0740	0.6568	0.5889	0.3264
mfeat-mor		0.4000	0.1200	0.3830	0.3333	0.3488
mfeat-pix		0.6850	0.0630	0.6949	0.6500	0.2689
mfeat-zer		0.5050	0.0990	0.4953	0.4500	0.3634
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.7925	0.1384	0.8168	0.6699	0.2533
mines		0.4118	0.2353	0.4441	0.2641	0.4430
mobile		0.0350	0.0345	0.0170	0.0175	0.3926
monks-1		0.8182	0.1818	0.8317	0.6343	0.5181
monks-2		0.7213	0.2787	0.6721	0.3297	0.7953
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0972	0.1641	0.1183	0.0281	0.4949
musk		0.9288	0.0712	0.8530	0.6739	0.2855
MUT_ci300400a_cdk_ECFP2		0.7986	0.2014	0.7989	0.5937	0.6603
MUT_ci300400a_cdk_ECFP4		0.7473	0.2527	0.7429	0.4851	0.7563
MUT_ci300400a_cdk_ECFP6		0.7269	0.2731	0.7211	0.4419	0.7877
MUT_ci300400a_cdk_ESTATE		0.7074	0.2926	0.7010	0.4018	0.8142
MUT_ci300400a_cdk_EXTENDED		0.7830	0.2170	0.7770	0.5539	0.7015
MUT_ci300400a_cdk_FCFP2		0.7856	0.2144	0.7818	0.5628	0.6942
MUT_ci300400a_cdk_FCFP4		0.7578	0.2422	0.7541	0.5072	0.7392
MUT_ci300400a_cdk_FCFP6		0.7470	0.2530	0.7432	0.4854	0.7556
MUT_ci300400a_cdk_MACCS		0.7698	0.2302	0.7605	0.5139	0.7073
MUT_ci300400a_cdk_PUBCHEM		0.8252	0.1749	0.8188	0.6346	0.6105
MUT_ci300400a_cdk_STANDARD		0.7749	0.2251	0.7667	0.5326	0.7143
MUT_ci300400a_rdkit_descriptors		0.7820	0.2180	0.7799	0.5585	0.6977
myocardial		0.7176	0.0706	0.2852	0.2760	0.2938
naticusdroid		0.9526	0.0474	0.9526	0.9052	0.2558
NCI60		0.5000	0.1667	0.4545	0.4000	0.1534
nci9		0.3333	0.1481	0.1481	0.2258	0.1303
ncRNA		0.6647	0.0353	0.1339	0.3548	0.5900
ncRNA1%		0.6512	0.0367	0.1099	0.3436	0.5558
ncRNA10%		0.6466	0.0372	0.1325	0.3383	0.6859
neo		0.9095	0.0905	0.6605	0.2147	0.4533
new-thyroid		0.9524	0.0317	0.9026	0.8939	0.0573
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.3393	0.0300	0.3031	0.3191	0.4145
newspop		0.6486	0.3514	0.6458	0.2905	0.8812
NHANES_age_prediction		0.9868	0.0132	0.9766	0.9521	0.1858
nomao		0.9411	0.0589	0.9281	0.8561	0.3385
NPHA-doctor-visits		0.4722	0.3519	0.2572	-0.0729	0.5653
nursery		0.9059	0.0377	0.5520	0.8607	0.0947
obesity		0.5498	0.1286	0.5844	0.4760	0.3400
obs		0.6481	0.1759	0.6865	0.5251	0.4000
occupancy		0.9883	0.0117	0.9840	0.9677	0.1315
Occupancy_Estimation		0.9911	0.0044	0.9698	0.9730	0.0335
oh0-wc		0.7426	0.0515	0.7943	0.7105	0.2059
oh10-wc		0.5333	0.0933	0.4722	0.4688	0.4303
oh15-wc		0.5000	0.1000	0.4733	0.4346	0.4045
oh5-wc		0.6044	0.0791	0.6354	0.5581	0.3220
ohscal-wc		0.4185	0.1163	0.4239	0.3511	0.6245
olive		0.8246	0.0390	0.7688	0.7818	0.1428

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.5747	0.0851	0.5856	0.5267	0.3745
optdigitsZ		0.9947	0.0053	0.9834	0.9668	0.0845
orl		0.2250	0.0387	0.1665	0.2051	0.1617
orlraws10P		0.8000	0.0400	0.7742	0.7778	0.0497
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.8933	0.1067	0.5100	0.0181	0.7023
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.8189	0.6243	0.6091
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8606	0.7154	0.5228
p53-mutants		0.9936	0.0064	0.6864	0.3718	0.5432
p53-mutants10%		0.9904	0.0096	0.4976	-0.0043	0.4048
page-blocks		0.9141	0.0344	0.6793	0.5921	0.4267
parkinson		0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons		0.7773	0.2227	0.7653	0.5303	0.7170
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.8837	0.1163	0.8513	0.6986	0.4996
particle10%		0.8846	0.1154	0.8558	0.7114	0.5201
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.6644	0.2997	0.5774
pcmac		0.4742	0.5258	0.4721	-0.0551	0.9986
pcos		0.9933	0.0067	0.9896	0.9789	0.0328
pd		0.8289	0.1711	0.7610	0.5185	0.6657
pediatric-leukemia		0.7353	0.0756	0.5884	0.6706	0.1967
pendigits		0.5587	0.0883	0.5884	0.5096	0.3900
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.4444	0.5556	0.5000	0.0000	0.8722
persistency		0.7843	0.2157	0.7682	0.5360	0.7069
personalities		0.1702	0.1037	0.1876	0.1149	0.6369
pet-adoption		0.9250	0.0750	0.9149	0.8297	0.3766
phishing		0.9388	0.0612	0.9357	0.8713	0.3146
PhiUSIIL		0.9998	0.0002	0.9998	0.9997	0.0024
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc		0.5667	0.1238	0.5478	0.4923	0.3395
phone-acc0.1%		0.5681	0.1234	0.5547	0.4926	0.3537
phone-acc1%		0.5398	0.1315	0.5316	0.4601	0.3853
phone-acc10%		0.5193	0.1374	0.5038	0.4377	0.3470
phone-gyr		0.6309	0.1055	0.6213	0.5676	0.3546
phone-gyr0.1%		0.5205	0.1370	0.5213	0.4381	0.3717
phone-gyr1%		0.5578	0.1263	0.5430	0.4810	0.3700
phone-gyr10%		0.6054	0.1128	0.6071	0.5375	0.3484
phoneme		0.7833	0.2167	0.7229	0.4434	0.7389
phy		0.6946	0.3054	0.6969	0.3886	0.8146
pima		0.7632	0.2368	0.7470	0.4802	0.7075
pirvision		0.9863	0.0091	0.9757	0.9558	0.0592
placement		0.7910	0.2090	0.7836	0.5646	0.6802
plant-growth		0.6316	0.3684	0.6438	0.2732	0.8562
plrx		0.5556	0.4444	0.5071	0.0137	0.9013
poker		0.4279	0.1144	0.1588	0.0074	0.1852
poker1%		0.4420	0.1116	0.1701	0.0128	0.2511
poker10%		0.4700	0.1060	0.1041	0.0532	0.2592
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9425	0.0575	0.7196	0.3264	0.3264

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polya			0.7514	0.2486	0.7191	0.4300	0.7535
popularity			0.6502	0.2332	0.3938	0.1284	0.4401
post-operative			0.6595	0.2115	0.2619	0.0079	0.2187
postures			0.6732	0.1307	0.6931	0.5921	0.4063
pred-tox_mutagen_ref-desc			0.6618	0.3382	0.6618	0.3235	0.8668
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.1744	0.0886	0.0957	0.1216	0.2783
processed			0.9767	0.0233	0.9735	0.9457	0.0994
profb			0.7612	0.2388	0.7146	0.4180	0.7431
promoters			0.7000	0.3000	0.7041	0.4000	0.7967
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			0.7273	0.2727	0.7609	0.4211	0.4644
puc-rio			0.7794	0.0882	0.6899	0.7057	0.2916
puc-rio10%			0.7725	0.0910	0.6513	0.6919	0.2891
pufs-128			0.5009	0.4991	0.5009	0.0019	0.9995
pufs-1281%			0.4947	0.5053	0.4947	-0.0107	1.0000
pufs-12810%			0.4954	0.5046	0.4954	-0.0091	1.0000
pufs-64			0.5025	0.4975	0.5025	0.0051	0.9979
pufs-641%			0.5158	0.4842	0.5159	0.0317	0.9902
pufs-6410%			0.4963	0.5037	0.4963	-0.0074	1.0000
pulsar			0.9800	0.0200	0.9381	0.8707	0.1303
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%			0.5148	0.0183	0.1890	0.4675	0.3529
rcv110%			0.4676	0.0201	0.1393	0.4124	0.5054
re0-wc			0.5733	0.0656	0.4590	0.4823	0.4920
re1-wc			0.4940	0.0405	0.3822	0.4362	0.3719
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.6386	0.0111	0.1594	0.5081	0.4929
rice			0.9841	0.0159	0.9839	0.9678	0.1126
rnaseq			0.9500	0.0200	0.9485	0.9330	0.0530
rocket			0.6038	0.3962	0.6017	0.2014	0.9123
RT_IOT2022			0.9769	0.0038	0.6687	0.9421	0.0356
satimage			0.7356	0.0881	0.6941	0.6775	0.3203
satimageF			0.9782	0.0218	0.9418	0.8787	0.1274
satimageT			0.9176	0.0824	0.7210	0.3702	0.4457
scadi			0.8571	0.0408	0.5333	0.8056	0.0421
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8910	0.1090	0.6031	0.2031	0.6525
secondary_mushroom			0.9718	0.0282	0.9715	0.9429	0.1732
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.7922	0.0594	0.8226	0.7577	0.1700
segmentation			0.7921	0.2079	0.7734	0.5468	0.6983
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8530	0.1470	0.5847	0.1373	0.6889
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8316	0.1684	0.5196	0.0334	0.7609
sens-4-gram			0.7868	0.2132	0.5741	0.1469	0.7539
sens-5-gram			0.8211	0.1789	0.5805	0.1599	0.7624
sens-6-gram			0.8474	0.1526	0.5886	0.1613	0.7266
sens-7-gram			0.8500	0.1500	0.5572	0.0884	0.7005
sens-8-gram			0.8500	0.1500	0.5672	0.1094	0.7067
sens-9-gram			0.8474	0.1526	0.5525	0.0832	0.7127

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sensorless			0.4316	0.1033	0.4219	0.3748	0.3707
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8986	0.1014	0.7913	0.5775	0.5598
shuttle			0.9552	0.0128	0.4802	0.8784	0.2550
sick			0.9788	0.0212	0.9082	0.8071	0.1898
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9748	0.0252	0.9640	0.9262	0.2373
skin10%			0.9702	0.0298	0.9571	0.9126	0.2621
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.1600	0.4200	0.1783	-0.1135	0.8395
smk_can_187			0.6316	0.3684	0.6315	0.2486	0.8662
smoking			0.7323	0.2677	0.7236	0.4435	0.7738
soil_pollution			0.2000	0.3200	0.1901	-0.0038	0.6865
solar-flare			0.6475	0.1175	0.4168	0.5483	0.1805
sonar			0.5500	0.4500	0.5730	0.1000	0.8046
soybean			0.8529	0.0155	0.8504	0.8390	0.0699
spam-detection			0.9545	0.0455	0.8562	0.7100	0.4198
spambase			0.9196	0.0804	0.9156	0.8310	0.3774
spect			0.6296	0.3704	0.5218	0.0426	0.8561
spectf			0.6286	0.3714	0.5584	0.1165	0.8993
spectrometer			0.0755	0.0385	0.0309	0.0459	0.2585
splice-EI			0.9590	0.0410	0.9479	0.8944	0.2900
splice-IE			0.8801	0.1199	0.8238	0.6345	0.5037
sport-articles			0.8100	0.1900	0.7922	0.5808	0.6508
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.0000	0.6667	0.0000	-0.5625	0.4240
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7771	0.1486	0.7353	0.6406	0.4112
steel-b			0.8000	0.2000	0.6749	0.3450	0.7510
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9641	0.0359	0.9438	0.8846	0.1919
steel-o			0.7231	0.2769	0.6931	0.3861	0.8082
steel-p			0.9333	0.0667	0.7287	0.4051	0.4581
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9641	0.0359	0.9061	0.8093	0.4129
stellar			0.9357	0.0429	0.9223	0.8855	0.2015
stock			0.8819	0.1181	0.7976	0.5950	0.5984
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.9060	0.0940	0.9056	0.8107	0.4161
stress			0.9683	0.0127	0.9700	0.9603	0.0360
student-lifestyle			0.4050	0.2380	0.3024	0.1991	0.4154
student-depression			0.8305	0.1695	0.8244	0.6481	0.6080
student-habits			0.3900	0.2440	0.1803	0.0377	0.4681
student-weekend			0.3385	0.2646	0.2823	0.1416	0.7100
student-workday			0.6406	0.1437	0.2488	0.2532	0.5022
studentap			0.3077	0.4615	0.2643	-0.0833	0.8090
susy			0.7807	0.2193	0.7785	0.5554	0.6966
susy1%			0.7780	0.2220	0.7758	0.5496	0.6999
susy10%			0.7799	0.2201	0.7778	0.5530	0.6954
swarm_aligned			0.9992	0.0008	0.9990	0.9981	0.0106
swarm_flocking			0.9813	0.0187	0.9816	0.9625	0.1060
swarm_grouped			0.9946	0.0054	0.9942	0.9884	0.0339
tae			0.4000	0.4000	0.4686	0.1000	0.6035
telco-churn			0.8849	0.1151	0.8533	0.7066	0.5314
texture			0.7564	0.0443	0.7919	0.7322	0.1973
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tic-tac-toe			0.8421	0.1579	0.8200	0.6382	0.5971
tis			0.8826	0.1174	0.8449	0.6895	0.5493
tis10%			0.7985	0.2015	0.7205	0.4401	0.7317
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6296	0.1247	0.4385	0.5205	0.1522
tox_171			0.4706	0.2647	0.4164	0.2917	0.5241
toxicity			0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6667	0.3333	0.5343	0.0686	0.8850
trec11-wc			0.7805	0.0488	0.7217	0.7398	0.2060
trec12-wc			0.7419	0.0645	0.6800	0.6927	0.1909
trec21-wc			0.8788	0.0404	0.5806	0.7647	0.2123
trec23-wc			0.6667	0.1111	0.7409	0.5572	0.2353
trec31-wc			0.8280	0.0492	0.7386	0.7744	0.1764
trec41-wc			0.7159	0.0568	0.6366	0.6540	0.2372
trec45-wc			0.7101	0.0580	0.7167	0.6644	0.2388
tuandromd			0.9776	0.0224	0.9648	0.9292	0.1654
turkish			0.6000	0.2000	0.6269	0.4667	0.4342
tvnews			0.8837	0.1163	0.8740	0.7478	0.4912
tvnews1%			0.9000	0.1000	0.8945	0.7881	0.4488
tvnews10%			0.8574	0.1426	0.8473	0.6945	0.5608
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.6567	0.0763	0.5572	0.5985	0.2498
urinalysis			0.9510	0.0490	0.7546	0.5076	0.5542
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9007	0.0993	0.6637	0.1252	0.2140
ustilago10%			0.9709	0.0291	0.5774	0.1355	0.4650
vehicle			0.7619	0.1190	0.7119	0.6730	0.2787
vehicleVAN			0.9405	0.0595	0.9188	0.8333	0.2909
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowel			0.4545	0.0992	0.4607	0.4000	0.2970
vowelZ			0.9596	0.0404	0.8915	0.7778	0.4525
vrnormat310k-hg16-17			0.9155	0.0845	0.6619	0.2174	0.4447
wap-wc			0.6154	0.0385	0.4864	0.5782	0.3002
warpar10p			0.8462	0.0308	0.8416	0.8278	0.0553
warppie10p			0.8571	0.0286	0.8782	0.8405	0.0653
watch-acc			0.5522	0.1279	0.5628	0.4778	0.4202
watch-acc1%			0.4968	0.1438	0.5361	0.4177	0.3949
watch-acc10%			0.5471	0.1294	0.5623	0.4741	0.3941
watch-gyr			0.6027	0.1135	0.6047	0.5368	0.3885
watch-gyr1%			0.5324	0.1336	0.5717	0.4559	0.3787
watch-gyr10%			0.5950	0.1157	0.5956	0.5278	0.3858
water_pollution			0.2667	0.3667	0.1786	0.0190	0.6039
waveform			0.7780	0.1480	0.7839	0.6666	0.4414
weather-related			0.7750	0.0409	0.7134	0.7441	0.1797
web-phishing			0.8074	0.1284	0.6440	0.6533	0.4937
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.5164	0.1934	0.5715	0.3996	0.4821
white-clover			0.3478	0.3212	0.1822	-0.2082	0.3507
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9731	0.0269	0.8410	0.6693	0.3467
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4340	0.1887	0.2128	0.1030	0.4483
winequality-white			0.3149	0.1957	0.1617	0.0238	0.3619
winnipeg			0.9510	0.0140	0.7612	0.9379	0.1076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
winnipeg10%			0.9555	0.0127	0.9254	0.9437	0.1090
wisc_bc			0.9298	0.0702	0.9272	0.8521	0.3517
yale			0.4375	0.0750	0.3385	0.3975	0.1389
yeast			0.5135	0.0973	0.3305	0.3570	0.3747
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9459	0.0541	0.4861	-0.0278	0.5857
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9392	0.0608	0.4843	-0.0215	0.6129
zip			0.5742	0.0852	0.5688	0.5220	0.4242

Table 75: Detailed results for HLSV(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1663	0.0794	0.1077	0.0688	0.4778
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.8721	0.1279	0.6284	0.1221	0.2789
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.9299	0.0701	0.8430	0.6323	0.1831
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8873	0.1127	0.8394	0.6688	0.4840
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.1500	0.8500	0.5350	0.0002	0.3216
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7143	0.1143	0.2111	0.1835	0.2113
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8419	0.1581	0.8240	0.6321	0.5386
anneal		0.9438	0.0225	0.7473	0.8843	0.1338
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9847	0.0076	0.9503	0.9708	0.0411
anuran-genus		0.9930	0.0017	0.9802	0.9886	0.0470
anuran-species		0.9944	0.0011	0.9932	0.9923	0.0152
anxiety		0.1000	0.2000	0.1205	-0.0150	0.8017
apple-quality		0.8750	0.1250	0.8782	0.7500	0.4702
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7500	0.2500	0.7667	0.5098	0.6824

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.6889	0.0479	0.3051	0.4140	0.1694
auction		0.9069	0.0931	0.7535	0.4444	0.4313
audiology		0.9091	0.0165	0.8707	0.8919	0.0425
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6000	0.1333	0.3857	0.4366	0.2491
avila		0.6574	0.0571	0.6671	0.5090	0.2780
babies		0.4435	0.1590	0.1474	0.1251	0.5081
balance		0.9032	0.0645	0.6228	0.8178	0.1771
bank		0.1173	0.8827	0.5282	0.0012	0.2613
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9286	0.0714	0.9228	0.8407	0.3022
basehock		0.5377	0.4623	0.6311	0.0796	0.5255
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8762	0.1238	0.8695	0.7388	0.5111
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.7000	0.0857	0.3640	0.5161	0.1378
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9138	0.0431	0.6898	0.8162	0.2379
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.8028	0.0394	0.7707	0.7612	0.1965
cardiotocography-nsp		0.9061	0.0626	0.8209	0.7277	0.2697
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6508	0.5370	0.5203
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5469	0.4531	0.5653	0.0195	0.5840
cas_N6512_RDkit_Avalon_FP		0.5506	0.4494	0.5637	0.0315	0.6259
cas_N6512_rdkit_descriptors		0.4908	0.5092	0.5297	0.0358	0.8162
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5583	0.4417	0.5467	0.0867	0.9414
cas_N6512_rdkit_LAYERED		0.5308	0.4692	0.6193	0.1171	0.6289
cas_N6512_RDkit_Layered_FP		0.5199	0.4801	0.5810	0.0928	0.7347
cas_N6512_rdkit_MACCS		0.4700	0.5300	0.6003	0.0158	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.4600	0.5400	0.4738	-0.0048	0.6166
cas_N6512_RDkit_pattern_FP		0.5291	0.4709	0.4908	-0.0081	0.7992
cas_N6512_rdkit_RDKITFP		0.5760	0.4240	0.5941	0.1726	0.8911
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7202	0.2798	0.6818	0.2751	0.6330
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6744	0.0561	0.1301
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.3045	0.6955	0.5684	0.0341	0.2123
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8040	0.1960	0.6172	0.1209	0.5587
churn-bigml		0.8989	0.1011	0.7691	0.4480	0.3356
ci900367j_MACCS		0.6947	0.3053	0.6710	0.2499	0.6479
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4587	0.3710	0.4457
cjs		0.9786	0.0071	0.9754	0.9739	0.0426
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8065	0.0968	0.5653	0.6939	0.3086
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5102	0.3265	0.4828	0.2273	0.7380
cnae-9		0.7870	0.0473	0.8176	0.7604	0.1840
codon_usage		0.9348	0.0119	0.7684	0.9206	0.1064
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9091	0.0909	0.8839	0.7674	0.4467
collins		0.6000	0.0533	0.4236	0.5495	0.1673
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.7931	0.2069	0.7797	0.4663	0.3920
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7212	0.2788	0.7304	0.4437	0.7459

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.4220	0.5780	0.6285	0.1189	0.3793
covtypeT		0.0699	0.9301	0.0653	0.0000	0.1756
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.3125	0.0344	0.2115	0.2939	0.1094
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1967	0.2678	0.1955	0.0293	0.7957
cyclopentane		0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands		0.7037	0.2963	0.7303	0.3344	0.4688
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.2403	0.7597	0.4727	-0.0104	0.5188
defect		0.8981	0.1019	0.7871	0.5308	0.4368
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.5809	0.0029	0.2659
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.5000	0.0000	0.6840
df_final		0.6250	0.2500	0.4805	0.4000	0.4520
DIA		0.8167	0.1833	0.7441	0.3529	0.3484
diabetes		0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.3289	0.2684	0.2457	0.0857	0.3514
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7810	0.1460	0.7102	0.6266	0.4260
drug-01		0.3883	0.1748	0.1292	0.0083	0.4558
drug-02		0.5160	0.1383	0.1528	0.0777	0.4162
drug-03		0.6915	0.0881	0.1172	0.0096	0.1975
drug-04		0.5479	0.1292	0.2239	0.1273	0.4669
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.4149	0.1672	0.2609	0.2515	0.4802
drug-07		0.4734	0.1505	0.1464	0.1009	0.3366

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-08		0.5798	0.1201	0.2063	0.1473	0.3217
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5266	0.1353	0.1425	0.0833	0.3913
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5904	0.1170	0.1600	0.1943	0.3997
drug-14		0.5904	0.1170	0.2505	0.2367	0.4092
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5745	0.1216	0.2502	0.2729	0.4352
drug-17		0.3617	0.1824	0.1310	0.1067	0.4695
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0053	0.2842
drybean		0.9324	0.0193	0.9430	0.9181	0.1109
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2100	0.3950	0.2087	-0.0535	0.8785
eeg		0.1991	0.1001	0.3390	0.1429	0.5741
eeg-eye		0.4706	0.5294	0.5924	0.0343	0.5591
eeg10%		0.4146	0.0732	0.3864	0.3470	0.5219
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6301	0.1479	0.6117	0.5158	0.3726
euthyroid		0.9304	0.0696	0.7730	0.4246	0.1765
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9558	0.0442	0.9560	0.9114	0.2398
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.5813	0.0493	0.3231	0.4983	0.2227
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6275	0.3725	0.6190	0.2204	0.8673
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.9590	0.0137	0.9552	0.9503	0.0578
gastrointestinal		0.7500	0.1667	0.7526	0.5844	0.3057
gender		0.3516	0.4323	0.3596	0.0143	0.3493
gene		0.9274	0.0484	0.9214	0.8847	0.2213
german		0.7100	0.2900	0.6608	0.2487	0.6879
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.9395	0.0605	0.9395	0.8790	0.3048
gisette		0.9700	0.0300	0.9700	0.9400	0.1813
glass		0.8095	0.0635	0.7265	0.7246	0.1432
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.2651	0.0683	0.5039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.9652	0.0058	0.8980	0.9589	0.0339
har		0.9348	0.0261	0.9332	0.9176	0.1230
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.7628	0.0678	0.4012	0.6173	0.2162
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth		0.4492	0.0918	0.0517	0.0000	0.2692
harth1%		0.7033	0.0495	0.4664	0.6101	0.2267
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.9500	0.0500	0.9415	0.8825	0.2748
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.5000	0.5000	0.5206	0.0328	0.9073
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.0577	0.0191	0.3180
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa		0.6341	0.3659	0.7110	0.2985	0.5040
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6389	0.2407	0.4438	0.3077	0.4469
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.4600	0.3600	0.5033	0.1851	0.5875
htru2		0.9804	0.0196	0.9388	0.8739	0.1597
hypothyroid		0.9416	0.0292	0.5772	0.5648	0.2314
hypothyroidT		0.9549	0.0451	0.8202	0.5658	0.1285
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9474	0.0040	0.9480	0.9453	0.0503
jm1		0.8026	0.1974	0.5851	0.1102	0.6671
jvowels		0.9940	0.0013	0.9941	0.9932	0.0118
kc1		0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1820	0.2337	0.1878	0.0356	0.4225
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup981%		0.6526	0.3474	0.5734	0.0684	0.3459
kddcup9810%		0.6492	0.3508	0.5154	0.0140	0.3483
kddcup991%		0.9986	0.0002	0.9669	0.9976	0.0026
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.4029	0.0664	0.4266	0.3332	0.4465
krvskp		0.9404	0.0596	0.9403	0.8806	0.3025
la1s-wc		0.5683	0.1439	0.5706	0.4585	0.4868
la2s-wc		0.5728	0.1424	0.5609	0.4304	0.3959
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6176	0.0332	0.5877	0.5989	0.0913
led24		0.6000	0.0800	0.6016	0.5518	0.1953
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.9435	0.0043	0.9439	0.9412	0.0631
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8611	0.0185	0.8500	0.8507	0.0641
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9532	0.0468	0.9500	0.9000	0.2603
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.2166	0.1424	0.1535	0.0807	0.4133
lrs		0.8868	0.0226	0.4553	0.8434	0.0597
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.5231	0.4769	0.5409	0.0462	0.7920
magic04		0.6828	0.3172	0.6548	0.1257	0.5012
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8750	0.1250	0.8752	0.7497	0.4989
marketing		0.8929	0.1071	0.7603	0.3901	0.2412
maternal		0.6436	0.2376	0.6473	0.4507	0.5359
math		0.8000	0.1000	0.7750	0.6819	0.2514
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2100	0.3160	0.2249	0.0121	0.8258
messidor		0.6783	0.3217	0.6771	0.3529	0.8440
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.7541	0.4684	0.2448
meter-D		0.6111	0.1944	0.4983	0.4350	0.3043
mfeat-fac		0.9850	0.0030	0.9854	0.9833	0.0188
mfeat-fou		0.8200	0.0360	0.8226	0.8000	0.1409
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7300	0.0540	0.7335	0.7000	0.1847
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-zer		0.8200	0.0360	0.8238	0.8000	0.0963
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9340	0.0440	0.9259	0.8987	0.1587
mines		0.5000	0.2000	0.4451	0.3745	0.3873
mobile		0.8706	0.0046	0.8795	0.8683	0.0590
monks-1		0.8364	0.1636	0.8415	0.6715	0.5468
monks-2		0.7377	0.2623	0.6934	0.3278	0.6738
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0115
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.9424	0.0576	0.8833	0.7449	0.2318
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.5875	0.4125	0.6175	0.0134	0.5060
MUT_ci300400a_cdk_EXTENDED		0.5779	0.4221	0.4998	-0.0001	0.6838
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4472	0.5528	0.5819	0.0407	0.5831
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.5772	0.4228	0.5022	0.0014	0.7206
MUT_ci300400a_rdkit_descriptors		0.6604	0.3396	0.6480	0.2941	0.8716
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.5015	0.4985	0.6005	0.0007	0.5281
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8910	0.0115	0.2831	0.6675	0.1795
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4876	0.5124	0.5334	0.0284	0.7355
NHANES_age_prediction		0.9692	0.0308	0.9408	0.8804	0.2295
nomao		0.8224	0.1776	0.7734	0.4785	0.4737
NPHA-doctor-visits		0.5000	0.3333	0.3046	-0.0165	0.5418
nursery		0.9769	0.0116	0.9573	0.9660	0.0434
obesity		0.8768	0.0352	0.8729	0.8561	0.1497
obs		0.8148	0.0926	0.8404	0.7162	0.2509
occupancy		0.9893	0.0107	0.9854	0.9704	0.1237
Occupancy_Estimation		0.9921	0.0039	0.9747	0.9760	0.0472
oh0-wc		0.3564	0.1287	0.2436	0.2134	0.3434
oh10-wc		0.3810	0.1238	0.2031	0.2647	0.3489
oh15-wc		0.3370	0.1326	0.1027	0.1974	0.3277
oh5-wc		0.3187	0.1363	0.2119	0.1888	0.3435
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.2936	0.7064	0.5790	0.0469	0.2662
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9804	0.0039	0.9821	0.9782	0.0267
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.7924	0.5714	0.6107
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9708	0.0117	0.8255	0.8243	0.1539
parkinson		0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons		0.8152	0.1848	0.8017	0.6026	0.6465
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.7185	0.2815	0.5357	0.0056	0.4963
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia		0.6176	0.1092	0.5506	0.5268	0.3455
pendigits		0.9936	0.0013	0.9937	0.9929	0.0122
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.6764	0.3236	0.6467	0.1864	0.6421
personalities		0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption		0.9050	0.0950	0.8937	0.7701	0.3112
phishing		0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.9992	0.0008	0.9991	0.9983	0.0077
phone-acc		0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%		0.7182	0.0805	0.6703	0.6699	0.1925
phone-acc1%		0.6450	0.1014	0.6056	0.5814	0.2278
phone-acc10%		0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr		0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%		0.4580	0.1549	0.5245	0.3657	0.3302
phone-gyr1%		0.4535	0.1562	0.5133	0.3638	0.4471
phone-gyr10%		0.1687	0.2375	0.0412	0.0000	0.3985
phoneme		0.7000	0.3000	0.5612	0.1015	0.8359
phy		0.5040	0.4960	0.5049	0.0094	0.9858
pima		0.6974	0.3026	0.6719	0.3150	0.7801
pirvision		0.9935	0.0044	0.9885	0.9792	0.0396
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.7895	0.2105	0.7889	0.5778	0.6844
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th		0.9449	0.0551	0.4858	-0.0039	0.3179
polish-5th		0.9306	0.0694	0.5966	0.0403	0.2959
polya		0.6768	0.3232	0.6505	0.3009	0.8592
popularity		0.3390	0.4407	0.3455	0.0167	0.4363
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc		0.6324	0.3676	0.6373	0.2647	0.8720
prestige		1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor		0.3939	0.0932	0.2627	0.3189	0.2833
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.6716	0.3284	0.4018	0.0000	0.4612

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9565	0.0174	0.9472	0.9417	0.0866
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5008	0.4992	0.5008	0.0016	0.9994
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.5600	0.0677	0.2005	0.3147	0.2712
re1-wc			0.3614	0.0511	0.0751	0.1886	0.3192
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.4180	0.5820	0.5704	0.0131	0.5472
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8989	0.0337	0.8839	0.8749	0.1541
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9160	0.0840	0.7943	0.5834	0.5924
scadi			0.5714	0.1714	0.4346	0.4474	0.2170
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9307	0.0198	0.9387	0.9190	0.0809
segmentation			0.8713	0.1287	0.8618	0.7229	0.5298
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-9-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.1817	0.8183	0.5249	0.0062	0.3575
shuttle			0.9986	0.0004	0.8615	0.9961	0.1327
sick			0.9523	0.0477	0.7681	0.4513	0.2772
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9947	0.0053	0.9921	0.9840	0.0796
smarket			0.9520	0.0480	0.9522	0.9039	0.2530
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.6842	0.3158	0.6960	0.3523	0.7434
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1800	0.3280	0.1789	-0.0310	0.7401
solar-flare			0.7410	0.0863	0.5734	0.6658	0.2028

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9000	0.1000	0.8965	0.7925	0.4428
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer			0.6346	0.0271	0.4940	0.6116	0.1278
splice-EI			0.9716	0.0284	0.9630	0.9257	0.2218
splice-IE			0.9306	0.0694	0.9031	0.8061	0.3945
sport-articles			0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5676	0.2882	0.4260	0.1793	0.4935
steel-b			0.8615	0.1385	0.7797	0.5552	0.6149
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8000	0.2000	0.7736	0.5425	0.6751
steel-p			0.9231	0.0769	0.6576	0.1895	0.4020
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8889	0.1111	0.7920	0.5583	0.4961
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8740	0.1260	0.8743	0.7417	0.4691
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4600	0.2160	0.2111	0.1412	0.4443
student-weekend			0.4000	0.2400	0.2170	0.0956	0.4814
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.3544	0.1250	0.4353
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5886	0.4114	0.6333	0.1108	0.5726
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.9927	0.0013	0.9933	0.9920	0.0114
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7734	0.2266	0.6394	0.1729	0.5964
tis10%			0.8284	0.1716	0.7510	0.4116	0.4517
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.4516	0.1828	0.2615	0.1611	0.3844
trec41-wc			0.5114	0.0977	0.1859	0.3676	0.2940
trec45-wc			0.3043	0.1391	0.1995	0.1468	0.3798
tuandromd			0.9798	0.0202	0.9701	0.9391	0.2079
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%			0.6947	0.3053	0.6591	0.2308	0.6664
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9646	0.0354	0.6787	0.0690	0.1045
urban			0.8060	0.0431	0.8235	0.7718	0.1448
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7857	0.1071	0.7463	0.7102	0.2066
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6465	0.0643	0.6868	0.6111	0.1870
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.4551	0.0545	0.2607	0.3666	0.2448
warpar10p			0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.5552	0.1271	0.5562	0.4806	0.3185
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2567	0.3717	0.2460	0.0105	0.7655
waveform			0.8360	0.1093	0.8363	0.7540	0.3753
weather-related			0.9615	0.0070	0.9633	0.9563	0.0416
web-phishing			0.8444	0.1037	0.6989	0.7204	0.4459
Weekly			0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift			0.5811	0.1675	0.6633	0.4845	0.3264
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9876	0.0124	0.9305	0.8508	0.0472
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6415	0.1195	0.3062	0.4105	0.3521
winequality-white			0.4724	0.1507	0.2377	0.2127	0.4665
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.9954	0.0013	0.9963	0.9942	0.0104
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7496	0.7322	0.0687
yeast			0.5541	0.0892	0.3682	0.4239	0.3513
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9667	0.0067	0.9640	0.9627	0.0564

Table 76: Detailed results for HLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0940	0.0863	0.0173	-0.0208	0.4427
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.8721	0.1279	0.6284	0.1221	0.2789
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.9299	0.0701	0.8430	0.6323	0.1831
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8873	0.1127	0.8394	0.6688	0.4840
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7619	0.0952	0.4987	0.3512	0.1917
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8419	0.1581	0.8240	0.6321	0.5386
anneal		0.9438	0.0225	0.7520	0.8826	0.1411
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9861	0.0070	0.9531	0.9735	0.0381
anuran-genus		0.9875	0.0031	0.9384	0.9794	0.0563
anuran-species		0.9931	0.0014	0.9862	0.9903	0.0269
anxiety		0.1167	0.1963	0.1079	0.0036	0.7934
apple-quality		0.8750	0.1250	0.8782	0.7500	0.4702
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7500	0.2500	0.7667	0.5098	0.6824

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.6889	0.0479	0.3051	0.4140	0.1694
auction		0.9069	0.0931	0.7535	0.4444	0.4313
audiology		0.9091	0.0165	0.9478	0.8927	0.0531
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6000	0.1333	0.3638	0.4521	0.2753
avila		0.5050	0.0825	0.4684	0.2578	0.4837
babies		0.4274	0.1636	0.1732	0.1314	0.5625
balance		0.9194	0.0538	0.6345	0.8482	0.1177
bank		0.1173	0.8827	0.5282	0.0012	0.2613
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9286	0.0714	0.9228	0.8407	0.3022
basehock		0.5377	0.4623	0.6311	0.0796	0.5255
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8762	0.1238	0.8695	0.7388	0.5111
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.7738	0.7800	0.0411
bridges		0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8966	0.0517	0.6444	0.7772	0.2576
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.7887	0.0423	0.7688	0.7443	0.2106
cardiotocography-nsp		0.9108	0.0595	0.8264	0.7390	0.2526
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.5987	0.4781	0.5579
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.5506	0.4494	0.5887	0.0295	0.5657
cas_N6512_rdkit_AVALON		0.5469	0.4531	0.5653	0.0195	0.5840
cas_N6512_RDkit_Avalon_FP		0.5506	0.4494	0.5637	0.0315	0.6259
cas_N6512_rdkit_descriptors		0.4908	0.5092	0.5297	0.0358	0.8162
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5583	0.4417	0.5467	0.0867	0.9414
cas_N6512_rdkit_LAYERED		0.5308	0.4692	0.6193	0.1171	0.6289
cas_N6512_RDkit_Layered_FP		0.5199	0.4801	0.5810	0.0928	0.7347
cas_N6512_rdkit_MACCS		0.4700	0.5300	0.6003	0.0158	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.4600	0.5400	0.4738	-0.0048	0.6166
cas_N6512_RDkit_pattern_FP		0.5291	0.4709	0.4908	-0.0081	0.7992
cas_N6512_rdkit_RDKITFP		0.5760	0.4240	0.5941	0.1726	0.8911
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.0183	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7202	0.2798	0.6818	0.2751	0.6330
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6744	0.0561	0.1301
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.3045	0.6955	0.5684	0.0341	0.2123
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8040	0.1960	0.6172	0.1209	0.5587
churn-bigml		0.8989	0.1011	0.7691	0.4480	0.3356
ci900367j_MACCS		0.6947	0.3053	0.6710	0.2499	0.6479
circles		0.9890	0.0002	0.9906	0.9889	0.0042
cirrhosis		0.6905	0.2063	0.4587	0.3710	0.4457
cjs		0.9679	0.0107	0.9567	0.9607	0.0538
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7833	0.1083	0.5469	0.6597	0.3405
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4793	0.1953	0.7293
cnae-9		0.9167	0.0185	0.9221	0.9062	0.0833
codon_usage		0.9348	0.0119	0.7696	0.9204	0.0910
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9091	0.0909	0.8839	0.7674	0.4467
collins		0.5200	0.0640	0.4404	0.4599	0.2202
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.7931	0.2069	0.7797	0.4663	0.3920
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7212	0.2788	0.7304	0.4437	0.7459

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.4220	0.5780	0.6285	0.1189	0.3793
covtypeT		0.0699	0.9301	0.0653	0.0000	0.1756
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4688	0.0266	0.3409	0.4555	0.0749
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.1291	-0.0024	0.7504
cyclopentane		0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands		0.7037	0.2963	0.7303	0.3344	0.4688
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
day1%		0.3581	0.6419	0.2637	0.0000	0.5110
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.2403	0.7597	0.4727	-0.0104	0.5188
defect		0.8981	0.1019	0.7871	0.5308	0.4368
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.5809	0.0029	0.2659
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.5000	0.0000	0.6840
df_final		0.5625	0.2917	0.4290	0.3000	0.5195
DIA		0.8167	0.1833	0.7441	0.3529	0.3484
diabetes		0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.1120	0.5920	0.0673	-0.0005	0.4099
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9333	0.0333	0.8999	0.9066	0.0687
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7359	0.1761	0.6999	0.5744	0.4775
drug-01		0.3883	0.1748	0.0799	-0.0154	0.3412
drug-02		0.5160	0.1383	0.2166	0.0787	0.4618
drug-03		0.6968	0.0866	0.1491	0.0548	0.1998
drug-04		0.5426	0.1307	0.2371	0.1157	0.4828
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.3883	0.1748	0.2371	0.2296	0.6323

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-07		0.3883	0.1748	0.1297	0.0150	0.3554
drug-08		0.5745	0.1216	0.1807	0.1202	0.2894
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5266	0.1353	0.1843	0.1245	0.5773
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5851	0.1185	0.1754	0.1594	0.4378
drug-14		0.5957	0.1155	0.2880	0.2254	0.5114
drug-15		0.7606	0.0684	0.1700	0.0708	0.3125
drug-16		0.5851	0.1185	0.2775	0.2948	0.4681
drug-17		0.3617	0.1824	0.1758	0.1011	0.5487
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0053	0.2842
drybean		0.7656	0.0670	0.8779	0.7202	0.1321
ecoli		0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2200	0.3900	0.2235	-0.0432	0.8607
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.4706	0.5294	0.5884	0.0340	0.5666
eeg10%		0.1878	0.1015	0.1500	0.0646	0.4553
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6027	0.1589	0.5550	0.4726	0.4001
euthyroid		0.9304	0.0696	0.7730	0.4246	0.1765
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9558	0.0442	0.9560	0.9114	0.2398
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.7927	0.0244	0.6646	0.7608	0.1205
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6275	0.3725	0.6190	0.2204	0.8673
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.9209	0.0264	0.9210	0.9041	0.0759
gastrointestinal		0.6875	0.2083	0.5133	0.4737	0.3707
gender		0.3747	0.4168	0.3387	0.0202	0.4287
gene		0.9338	0.0442	0.9277	0.8938	0.2022
german		0.7100	0.2900	0.6608	0.2487	0.6879
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9395	0.0605	0.9395	0.8790	0.3048
gisette		0.9700	0.0300	0.9700	0.9400	0.1813
glass		0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
grub-damage		0.4667	0.2667	0.4031	0.2593	0.4786
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.9643	0.0059	0.8801	0.9578	0.0331
har		0.7885	0.0846	0.8014	0.7286	0.2136
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7717	0.0652	0.3996	0.6286	0.1855
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.4996	0.0834	0.3333	0.3788	0.2805
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.9500	0.0500	0.9415	0.8825	0.2748
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.5000	0.5000	0.5206	0.0328	0.9073
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1529	0.0314	0.3562
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa		0.6341	0.3659	0.7110	0.2985	0.5040
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6389	0.2407	0.5961	0.3362	0.4725
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9804	0.0196	0.9388	0.8739	0.1597
hypothyroid		0.9416	0.0292	0.5986	0.5499	0.1691
hypothyroidT		0.9549	0.0451	0.8202	0.5658	0.1285
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9538	0.0036	0.9545	0.9519	0.0427
jm1		0.8026	0.1974	0.5851	0.1102	0.6671
jvowels		0.9869	0.0029	0.9865	0.9852	0.0234
kc1		0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1546	0.2415	0.1543	0.0029	0.4010

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup981%		0.9053	0.0947	0.4751	-0.0491	0.6630
kddcup9810%		0.9141	0.0859	0.4898	-0.0198	0.6661
kddcup991%		0.9988	0.0002	0.9695	0.9979	0.0024
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.1922	0.0898	0.1821	0.1065	0.4829
krvskp		0.9404	0.0596	0.9403	0.8806	0.3025
la1s-wc		0.3873	0.2042	0.2812	0.1845	0.4356
la2s-wc		0.2848	0.2384	0.2476	0.0438	0.3647
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6765	0.0281	0.6053	0.6600	0.0862
led24		0.6500	0.0700	0.5833	0.6000	0.1775
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9285	0.0055	0.9305	0.9256	0.0811
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.9167	0.0111	0.9277	0.9106	0.0365
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9532	0.0468	0.9500	0.9000	0.2603
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1456	0.1553	0.0908	0.0444	0.4938
lrs		0.8679	0.0264	0.4478	0.8162	0.0771
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.5231	0.4769	0.5409	0.0462	0.7920
magic04		0.6828	0.3172	0.6548	0.1257	0.5012
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8750	0.1250	0.8752	0.7497	0.4989
marketing		0.8929	0.1071	0.7603	0.3901	0.2412
maternal		0.6436	0.2376	0.6438	0.4502	0.5228
math		0.7500	0.1250	0.5901	0.5935	0.2679
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2033	0.3187	0.1495	-0.0064	0.5862
messidor		0.6783	0.3217	0.6771	0.3529	0.8440
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.8726	0.7702	0.1741
meter-D		0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-fou		0.8200	0.0360	0.8175	0.8000	0.1365
mfeat-kar		0.9750	0.0050	0.9758	0.9722	0.0316
mfeat-mor		0.7500	0.0500	0.7489	0.7222	0.1665
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-zer		0.8200	0.0360	0.8175	0.8000	0.0786
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9434	0.0377	0.9337	0.9131	0.1271
mines		0.5294	0.1882	0.4606	0.4087	0.4374
mobile		0.8287	0.0061	0.8267	0.8255	0.0769
monks-1		0.8364	0.1636	0.8415	0.6715	0.5468
monks-2		0.7377	0.2623	0.6934	0.3278	0.6738
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0115
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9424	0.0576	0.8833	0.7449	0.2318
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.5875	0.4125	0.6175	0.0134	0.5060
MUT_ci300400a_cdk_EXTENDED		0.5779	0.4221	0.4998	-0.0001	0.6838
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4472	0.5528	0.5819	0.0407	0.5831
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.5772	0.4228	0.5022	0.0014	0.7206
MUT_ci300400a_rdkit_descriptors		0.6604	0.3396	0.6480	0.2941	0.8716
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.5015	0.4985	0.6005	0.0007	0.5281
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8691	0.0138	0.2549	0.5452	0.0972
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0105	0.0450	0.0005	0.0000	0.4162
newspop		0.4876	0.5124	0.5334	0.0284	0.7355
NHANES_age_prediction		0.9692	0.0308	0.9408	0.8804	0.2295
nomao		0.8224	0.1776	0.7734	0.4785	0.4737
NPHA-doctor-visits		0.5139	0.3241	0.3309	0.0183	0.5343
nursery		0.8688	0.0656	0.8700	0.8065	0.1155
obesity		0.8009	0.0569	0.7961	0.7676	0.1944
obs		0.8333	0.0833	0.8653	0.7495	0.2497
occupancy		0.9893	0.0107	0.9854	0.9704	0.1237
Occupancy_Estimation		0.9921	0.0039	0.9747	0.9760	0.0472
oh0-wc		0.7822	0.0436	0.7625	0.7466	0.1701
oh10-wc		0.6952	0.0610	0.6372	0.6508	0.2607
oh15-wc		0.7391	0.0522	0.7331	0.6994	0.2140
oh5-wc		0.8022	0.0396	0.8111	0.7746	0.1631
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.2936	0.7064	0.5790	0.0469	0.2662
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9804	0.0039	0.9819	0.9782	0.0281
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.7924	0.5714	0.6107
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9671	0.0132	0.8201	0.8005	0.1893
parkinson		0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons		0.8152	0.1848	0.8017	0.6026	0.6465
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.7185	0.2815	0.5357	0.0056	0.4963
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia		0.6176	0.1092	0.5566	0.5347	0.3564
pendigits		0.9909	0.0018	0.9910	0.9899	0.0169
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.6764	0.3236	0.6467	0.1864	0.6421
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.9050	0.0950	0.8937	0.7701	0.3112
phishing		0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%		0.4870	0.1466	0.5007	0.4056	0.4054
phone-acc1%		0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr0.1%		0.3367	0.1895	0.3450	0.2230	0.4504
phone-gyr1%		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.7000	0.3000	0.5612	0.1015	0.8359
phy		0.5030	0.4970	0.5073	0.0004	0.5571
pima		0.6974	0.3026	0.6719	0.3150	0.7801
pirvision		0.9922	0.0052	0.9863	0.9751	0.0533
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.7895	0.2105	0.7889	0.5778	0.6844
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.5005	0.1427	0.1463	0.0036	0.2201
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th		0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th		0.9323	0.0677	0.6695	0.0445	0.1696
polya		0.6768	0.3232	0.6505	0.3009	0.8592
popularity		0.3135	0.4577	0.1591	0.0000	0.3128
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc		0.6324	0.3676	0.6373	0.2647	0.8720
prestige		1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor		0.4545	0.0839	0.3792	0.3832	0.2548
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.6716	0.3284	0.4018	0.0000	0.4612

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.8974	0.0410	0.9094	0.8626	0.1183
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5008	0.4992	0.5008	0.0016	0.9994
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%			0.0019	0.0487	0.0001	0.0000	0.3465
re0-wc			0.6467	0.0544	0.3137	0.4679	0.2301
re1-wc			0.6687	0.0265	0.3948	0.6097	0.2098
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.0012	0.0416	0.0001	0.0000	0.2549
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.4180	0.5820	0.5704	0.0131	0.5472
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8958	0.0347	0.8839	0.8715	0.1638
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9160	0.0840	0.7943	0.5834	0.5924
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9091	0.0260	0.9180	0.8937	0.0958
segmentation			0.8713	0.1287	0.8618	0.7229	0.5298
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.1817	0.8183	0.5249	0.0062	0.3575
shuttle			0.9990	0.0003	0.8832	0.9971	0.1172
sick			0.9523	0.0477	0.7681	0.4513	0.2772
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9947	0.0053	0.9921	0.9840	0.0796
smarket			0.9520	0.0480	0.9522	0.9039	0.2530
smart-farming			0.1800	0.4100	0.1300	-0.1045	0.7770
smk_can_187			0.6842	0.3158	0.6960	0.3523	0.7434
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2100	0.3160	0.1563	0.0118	0.6681

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
solar-flare			0.7626	0.0791	0.6088	0.6947	0.1783
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9000	0.1000	0.8965	0.7925	0.4428
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer			0.5000	0.0370	0.3819	0.4671	0.1662
splice-EI			0.9716	0.0284	0.9630	0.9257	0.2218
splice-IE			0.9306	0.0694	0.9031	0.8061	0.3945
sport-articles			0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.2480	0.5013	0.3800	0.0092	0.6113
steel-b			0.8615	0.1385	0.7797	0.5552	0.6149
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8051	0.1949	0.7792	0.5526	0.6617
steel-p			0.9179	0.0821	0.6255	0.1729	0.5109
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8889	0.1111	0.7920	0.5583	0.4961
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.8740	0.1260	0.8743	0.7417	0.4691
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3900	0.2440	0.2197	0.0431	0.5851
student-weekend			0.4000	0.2400	0.2800	0.1493	0.6315
student-workday			0.7188	0.1125	0.2662	0.1090	0.2152
studentap			0.5385	0.3077	0.5178	0.2778	0.3127
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5886	0.4114	0.6333	0.1108	0.5726
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5755	0.3000	0.5012
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9909	0.0017	0.9914	0.9900	0.0144
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8284	0.1716	0.7510	0.4116	0.4517
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc			0.8293	0.0379	0.6556	0.7853	0.1201
trec12-wc			0.8387	0.0403	0.8782	0.7997	0.0960

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec21-wc			0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc			0.7143	0.0952	0.5552	0.5532	0.2012
trec31-wc			0.7957	0.0681	0.7525	0.7125	0.2048
trec41-wc			0.6932	0.0614	0.4816	0.6142	0.2034
trec45-wc			0.7246	0.0551	0.6184	0.6740	0.1893
tuandromd			0.9798	0.0202	0.9701	0.9391	0.2079
turkish			0.8500	0.0750	0.8491	0.8000	0.2009
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%			0.6947	0.3053	0.6591	0.2308	0.6664
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9646	0.0354	0.6787	0.0690	0.1045
urban			0.8358	0.0365	0.8546	0.8075	0.1267
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7857	0.1071	0.7361	0.7087	0.2356
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5960	0.0735	0.6392	0.5556	0.2095
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.8013	0.0199	0.5734	0.7762	0.1261
warpar10p			0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1796	0.2344	0.2055	0.0399	0.6477
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2400	0.3800	0.0968	-0.0088	0.4444
waveform			0.8320	0.1120	0.8326	0.7481	0.3778
weather-related			0.9327	0.0122	0.9383	0.9235	0.0715
web-phishing			0.8370	0.1086	0.6940	0.7075	0.4576
Weekly			0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift			0.3017	0.2793	0.3600	0.1449	0.5479
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9876	0.0124	0.9305	0.8508	0.0472
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6289	0.1237	0.3059	0.3902	0.3988
winequality-white			0.4274	0.1636	0.2101	0.0853	0.4000
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9957	0.0012	0.9966	0.9946	0.0112
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5541	0.0892	0.3637	0.4246	0.3626
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9624	0.0075	0.9590	0.9578	0.0627

Table 77: Detailed results for HMBSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1590	0.0801	0.1206	0.0795	0.6566
abalone19		0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.9726	0.0274	0.9414	0.8808	0.2032
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.7937	0.2063	0.5138	0.0256	0.6518
AID_1431_KlekotaRothFingerprinter		0.8571	0.1429	0.4615	-0.0728	0.7372
AID_1431_MACCSFingerprinter		0.5635	0.4365	0.5870	0.0913	0.4271
AID_1878		0.6952	0.3048	0.5768	0.1468	0.7853
AID_602330		0.8698	0.1302	0.5509	0.0826	0.4992
AID_652128		0.7980	0.1347	0.4214	0.1153	0.6380
AID1284Morered		0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red		0.7500	0.2500	0.5180	0.0357	0.7748
AID1608Morered		0.8641	0.1359	0.4635	-0.0729	0.6742
AID1608red		0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9910	0.0090	0.4977	-0.0040	0.4041
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		1.0000	0.0000	1.0000	1.0000	0.0000
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.6714	0.3286	0.6772	0.3147	0.7267
air_pollution		0.2267	0.2210	0.1366	-0.0060	0.9234
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8190	0.0724	0.6722	0.6496	0.3351
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6279	0.3721	0.6626	0.2915	0.7847
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		0.8649	0.1351	0.8496	0.6542	0.5068
anuran-f-b		0.9958	0.0042	0.9082	0.7980	0.4644
anuran-family		0.9889	0.0056	0.9554	0.9788	0.0414
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.9917	0.0017	0.9787	0.9884	0.0369
anxiety		0.1417	0.1907	0.1507	0.0341	0.7828
apple-quality		0.9050	0.0950	0.9051	0.8100	0.4167
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.2444	0.1162	0.1257	0.0744	0.5011
auction		0.9412	0.0588	0.8559	0.6955	0.3452

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.5000	0.0909	0.1839	0.3665	0.2401
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.8966	0.1034	0.8976	0.7933	0.4336
autos		0.8500	0.0500	0.7266	0.8000	0.1328
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.2823	0.2051	0.1861	0.0272	0.7527
balance		0.8548	0.0968	0.7323	0.7509	0.3628
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria		0.8295	0.1705	0.8280	0.6473	0.5979
basehock		0.9598	0.0402	0.9602	0.9196	0.2177
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8571	0.1429	0.8569	0.7070	0.5380
biomed		0.9048	0.0952	0.8990	0.7981	0.4308
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.5000	0.5000	0.5000	0.0000	0.8803
breast-cancer-co		0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.4545	0.1818	0.4144	0.3265	0.3239
bridges		0.0000	0.2857	0.0000	-0.3333	0.5715
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.3000	0.7000	0.2308	0.0000	0.4809
caesarian		0.5000	0.5000	0.4667	-0.0667	0.9927
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9655	0.0172	0.8826	0.9260	0.0744
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography		0.7418	0.0516	0.6970	0.6882	0.3049
cardiotocography-nsp		0.8920	0.0720	0.7747	0.6720	0.3290
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.4340	0.3773	0.3514	0.1607	0.5937
cars		0.6750	0.2167	0.5829	0.3839	0.6496
cas_N6512_cdk_ECFP2		0.7773	0.2227	0.7755	0.5506	0.7060
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.7270	0.2730	0.7244	0.4460	0.7796
cas_N6512_rdkit_AVALON		0.7819	0.2181	0.7802	0.5602	0.6983
cas_N6512_RDkit_Avalon_FP		0.7868	0.2132	0.7857	0.5714	0.6898
cas_N6512_rdkit_descriptors		0.7462	0.2538	0.7446	0.4892	0.7572
cas_N6512_rdkit_FEATMORGAN		0.7773	0.2227	0.7766	0.5530	0.7055
cas_N6512_RDkit_Featmorgan_FP		0.7822	0.2178	0.7809	0.5618	0.6980
cas_N6512_RDkit_FP		0.7546	0.2454	0.7526	0.5021	0.7363
cas_N6512_rdkit_LAYERED		0.7215	0.2785	0.7202	0.4404	0.7928
cas_N6512_RDkit_Layered_FP		0.7331	0.2669	0.7309	0.4613	0.7761
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.7846	0.2154	0.7829	0.5650	0.6919
cas_N6512_RDkit_morgan_FP		0.7853	0.2147	0.7837	0.5672	0.6922

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7754	0.2246	0.7738	0.5474	0.7097
cas_N6512_RDkit_pattern_FP		0.7684	0.2316	0.7667	0.5333	0.7214
cas_N6512_rdkit_RDKITFP		0.7389	0.2611	0.7367	0.4728	0.7672
cas_N6512_rdkit_TORSION		0.7477	0.2523	0.7467	0.4933	0.7541
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7668	0.2332	0.7369	0.4696	0.7370
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9186	0.0814	0.7387	0.4245	0.5608
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9971	0.0029	0.6660	0.2845	0.4648
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8876	0.1124	0.7796	0.5590	0.6192
ci900367j_MACCS		0.6842	0.3158	0.6683	0.3363	0.8459
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.5476	0.3016	0.4947	0.2356	0.6955
cjs		0.9893	0.0036	0.9852	0.9869	0.0200
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.8800	0.1200	0.6001	0.1892	0.6967
cmc		0.5238	0.3175	0.4944	0.2566	0.7345
cnae-9		0.9167	0.0185	0.9203	0.9062	0.0883
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.8052	0.1948	0.7748	0.5429	0.6816
collins		0.4600	0.0720	0.3452	0.3971	0.2926
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6207	0.3793	0.6107	0.2162	0.8800
colposcopies-2		0.5517	0.4483	0.5155	0.0308	0.9708
colposcopies-3		0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4		0.2759	0.7241	0.2162	0.0000	0.4638
colposcopies-5		0.1724	0.8276	0.1471	0.0000	0.3547
colposcopies-6		0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c		0.2414	0.7586	0.1944	0.0000	0.4342
column-2c		0.9032	0.0968	0.8916	0.7597	0.2605
column-3c		0.7742	0.1505	0.7555	0.6483	0.4290
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.6562	0.3438	0.6580	0.3133	0.8660
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.4375	0.0281	0.3132	0.4217	0.1158
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1633	0.2789	0.1621	-0.0041	0.8886
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.8148	0.1852	0.8248	0.6337	0.5871
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.7692	0.2308	0.7292	0.3158	0.4422
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.1605	0.8395	0.1383	0.0000	0.3379
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.7832	0.2168	0.5777	0.1535	0.7999
dermatology		0.1892	0.2703	0.0530	0.0000	0.3795
desharnais		0.3750	0.4167	0.2727	-0.1111	0.5095
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.6500	0.3500	0.6551	0.2759	0.7509
diabetes		0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5784	0.2810	0.5418	0.2683	0.6729
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.9333	0.0333	0.9242	0.9079	0.1251
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9391	0.0609	0.7972	0.5584	0.3855
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.6953	0.2032	0.6304	0.5035	0.5854
drug-01		0.2394	0.2173	0.1439	0.0136	0.8506
drug-02		0.4202	0.1657	0.2163	0.1407	0.7890
drug-03		0.4362	0.1611	0.1616	0.0597	0.7513
drug-04		0.4362	0.1611	0.2197	0.1277	0.7759
drug-05		0.4787	0.1489	0.1435	-0.0114	0.8537
drug-06		0.2819	0.2052	0.2099	0.1278	0.7606
drug-07		0.2819	0.2052	0.1284	-0.0040	0.7195
drug-08		0.3457	0.1869	0.1696	0.0820	0.8038
drug-09		0.5372	0.1322	0.1550	0.0457	0.5399
drug-10		0.3830	0.1763	0.2051	0.0955	0.8098
drug-11		0.6649	0.0957	0.2179	0.1335	0.7980
drug-12		0.4947	0.1444	0.1730	0.0546	0.7130
drug-13		0.4255	0.1641	0.1951	0.1446	0.8371
drug-14		0.4043	0.1702	0.2018	0.1061	0.7605
drug-15		0.6330	0.1049	0.1827	0.1350	0.8716
drug-16		0.3351	0.1900	0.2064	0.0996	0.7892
drug-17		0.2766	0.2067	0.1925	0.0923	0.7893

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-18		0.0053	0.9947	0.0053	0.0000	0.0152
drug-19		0.4947	0.1444	0.1550	0.0321	0.7172
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.5882	0.1373	0.4703	0.4413	0.4169
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7576	0.2424	0.6700	0.3400	0.7915
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce		0.1900	0.4050	0.1897	-0.0799	0.8976
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.9039	0.0961	0.9029	0.8058	0.4234
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5068	0.1973	0.4992	0.3681	0.4876
euthyroid		0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.4700	0.5300	0.4703	-0.0593	1.0000
farm-ads		0.8937	0.1063	0.8932	0.7860	0.4484
fbis-wc		0.7520	0.0292	0.6933	0.7180	0.2313
fertility		0.5000	0.5000	0.6454	0.1379	0.3467
finance		0.8235	0.1765	0.8228	0.6450	0.6189
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9303	0.9208	0.0349
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.8654	0.0673	0.8600	0.8133	0.1624
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.4842	0.3439	0.3850	0.0740	0.7601
gene		0.2524	0.4984	0.1343	0.0000	0.4017
german		0.6600	0.3400	0.6168	0.2325	0.8854
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.5238	0.1587	0.6866	0.3519	0.3778
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		0.0909	0.9091	0.0833	0.0000	0.2192
glassNW		0.2381	0.7619	0.1923	0.0000	0.4310
glassTableware		0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP		0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM		0.6316	0.3684	0.6438	0.2732	0.8562
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.8571	0.1429	0.8547	0.7085	0.5490
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.4667	0.2667	0.4854	0.2814	0.5208
gsalc		0.6667	0.1111	0.5542	0.5909	0.1325
haberman		0.7000	0.3000	0.5682	0.1290	0.8673
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.5000	0.3333	0.3720	0.1634	0.5734

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.1100	0.4450	0.0801	-0.0004	0.4049
heart		0.6296	0.3704	0.6433	0.2742	0.8549
heart-attack		0.6129	0.3871	0.6688	0.2648	0.7088
heart-c		0.8333	0.1667	0.8341	0.6667	0.5937
heart-failure		0.9640	0.0360	0.9586	0.9170	0.2357
heart-quantum		0.7200	0.2800	0.7083	0.4167	0.8017
hepatitis		0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs		0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.5309	0.4691	0.3468	0.0000	0.5229
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.6562	0.3438	0.6818	0.3282	0.7742
hiv1-proteasa		0.9106	0.0894	0.8346	0.6667	0.5056
hiva		0.9480	0.0520	0.6199	0.2397	0.6145
horse		0.5556	0.2963	0.3848	0.1676	0.5505
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.7579	0.2421	0.5036	0.0073	0.7824
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9771	0.0229	0.9283	0.8540	0.2246
hypothyroid		0.8674	0.0663	0.4334	0.3907	0.5922
hypothyroidT		0.9655	0.0345	0.8847	0.7682	0.4357
ilpd		0.6780	0.3220	0.6006	0.2010	0.8744
immuno-therapy		0.2222	0.7778	0.1818	0.0000	0.4150
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8026	0.1974	0.6212	0.2173	0.7414
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.8531	0.1469	0.6976	0.3906	0.6901
kc1-class-level-defectiveornot		0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect		0.3077	0.2769	0.2391	0.0565	0.4394
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.8077	0.1923	0.7312	0.4595	0.7161
kdc-4007		0.8828	0.0335	0.8847	0.8632	0.1933
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		1.0000	0.0000	1.0000	1.0000	0.0000
la1s-wc		0.8095	0.0635	0.7790	0.7583	0.2936
la2s-wc		0.8278	0.0574	0.8037	0.7826	0.2873
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.5588	0.0384	0.5431	0.5368	0.1344
led24		0.5500	0.0900	0.5623	0.4944	0.2061
lenses		0.3333	0.4444	0.1667	0.0000	0.4167

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8056	0.0259	0.8000	0.7914	0.0789
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6471	0.3529	0.5776	0.1535	0.9051
loan		0.9110	0.0890	0.9046	0.8077	0.3961
localization10%		0.0316	0.1761	0.0056	0.0000	0.3472
lrs		0.2453	0.2156	0.2160	0.0886	0.6377
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1905	0.4956	0.4667	0.4027
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7717	0.2283	0.7561	0.5106	0.7273
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7812	0.2188	0.7802	0.5602	0.6990
marketing		0.8705	0.1295	0.7586	0.5151	0.6521
maternal		0.7822	0.1452	0.7882	0.6695	0.4274
math		0.5750	0.2125	0.4823	0.3366	0.5511
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8436	0.7778	0.1604
mental-health		0.1933	0.3227	0.1941	-0.0091	0.8831
messidor		0.6000	0.4000	0.5864	0.1708	0.9305
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.7092	0.8414	0.0898
meter-D		0.6111	0.1944	0.5526	0.4899	0.3183
mfeat-fac		0.5200	0.0960	0.4080	0.4667	0.2976
mfeat-fou		0.1150	0.1770	0.0503	0.0167	0.5152
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.7050	0.0590	0.7096	0.6722	0.1944
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.7600	0.0480	0.7856	0.7333	0.1630
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.9906	0.0063	0.9891	0.9855	0.0242
mines		0.7353	0.1059	0.7079	0.6674	0.2540
mobile		0.2028	0.0285	0.2288	0.1884	0.3743
monks-1		0.4909	0.5091	0.3293	0.0000	0.5293
monks-2		0.8852	0.1148	0.8855	0.7594	0.4622
monks-3		0.8750	0.1250	0.8775	0.7506	0.4818
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9773	0.0227	0.9599	0.9173	0.2643
MUT_ci300400a_cdk_ECFP2		0.8237	0.1763	0.8187	0.6374	0.6242
MUT_ci300400a_cdk_ECFP4		0.8323	0.1677	0.8269	0.6537	0.6052
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7734	0.2266	0.7645	0.5261	0.7118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_EXTENDED		0.8118	0.1882	0.8057	0.6112	0.6475
MUT_ci300400a_cdk_FCFP2		0.8335	0.1665	0.8279	0.6552	0.6010
MUT_ci300400a_cdk_FCFP4		0.8177	0.1823	0.8112	0.6206	0.6302
MUT_ci300400a_cdk_FCFP6		0.8118	0.1882	0.8078	0.6153	0.6470
MUT_ci300400a_cdk_MACCS		0.8309	0.1691	0.8264	0.6528	0.6092
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.8195	0.1805	0.8145	0.6282	0.6283
myocardial		0.0588	0.2353	0.0807	0.0266	0.4485
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9524	0.0476	0.9211	0.8293	0.4011
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9471	0.0529	0.8961	0.7876	0.3287
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4028	0.3981	0.3384	0.0267	0.8004
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.7393	0.0745	0.7302	0.6955	0.3036
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9908	0.0092	0.9872	0.9742	0.1059
Occupancy_Estimation		0.9822	0.0089	0.9386	0.9462	0.0817
oh0-wc		0.8020	0.0396	0.7838	0.7731	0.1793
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.6848	0.0630	0.6487	0.6422	0.2968
oh5-wc		0.7912	0.0418	0.7942	0.7643	0.2011
olive		0.9474	0.0117	0.9298	0.9343	0.0332
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.1566	0.1687	0.1646	0.0618	0.7389
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.0356	0.9644	0.0344	0.0000	0.0956
ozone8hr		0.8538	0.1462	0.5700	0.1354	0.6581
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8351	0.1649	0.8177	0.6353	0.6189
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8570	0.7137	0.5439
p53-mutants10%		0.0032	0.9968	0.0032	0.0000	0.0091
page-blocks		0.9525	0.0190	0.6166	0.7391	0.4634
parkinson		0.9417	0.0583	0.9395	0.8789	0.2994
parkinsons		0.7109	0.2891	0.7295	0.4341	0.7341
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9189	0.0811	0.6396	0.2671	0.6352
pcmac		0.4278	0.5722	0.4224	-0.1541	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.1028	0.1794	0.0186	0.0000	0.4062
period		0.6667	0.3333	0.4000	0.0000	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
period-10f			0.3333	0.6667	0.2500	0.0000	0.5000
persistency			0.7668	0.2332	0.7508	0.5015	0.7368
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.8300	0.1700	0.8040	0.6065	0.6278
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8889	0.1111	0.8622	0.7242	0.5075
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6579	0.3421	0.6615	0.3158	0.8453
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.5789	0.4211	0.5778	0.1556	0.9466
plrx			0.3889	0.6111	0.4561	-0.0645	0.8276
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9360	0.0640	0.5888	0.1773	0.6189
polish-2nd			0.9420	0.0580	0.5193	0.0358	0.6382
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9137	0.0863	0.6464	0.2917	0.6551
polya			0.6378	0.3622	0.6031	0.2061	0.9023
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.4388	0.3077	0.4154
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.7500	0.2500	0.7501	0.5000	0.7494
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3333	0.1026	0.2595	0.2599	0.3624
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7910	0.2090	0.7631	0.5263	0.7085
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
re0-wc			0.6667	0.0513	0.6362	0.5651	0.3378
re1-wc			0.6084	0.0313	0.4930	0.5456	0.2886
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5936	0.4064	0.5798	0.1596	0.9354
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8305	0.0565	0.8158	0.7913	0.2482
satimageF			0.9876	0.0124	0.9690	0.9374	0.2071
satimageT			0.9005	0.0995	0.7299	0.4597	0.6402

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
scadi		0.2857	0.2857	0.3429	0.1667	0.3023
schiller		0.2222	0.7778	0.1818	0.0000	0.4150
schizo		0.4412	0.5588	0.4384	-0.1176	1.0000
sclerosis		0.4444	0.5556	0.3077	0.0000	0.5302
secom		0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom		0.5548	0.4452	0.3568	0.0000	0.5166
seeds		1.0000	0.0000	1.0000	1.0000	0.0000
segment		0.9351	0.0186	0.9416	0.9241	0.0788
segmentation		0.7970	0.2030	0.7880	0.5722	0.6762
segmentO		0.9870	0.0130	0.9745	0.9489	0.1700
seismic		0.9264	0.0736	0.6160	0.2065	0.6107
semeion		0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram		0.8105	0.1895	0.5211	0.0407	0.7849
sens-2-gram		0.8026	0.1974	0.6311	0.2563	0.7266
sens-3-gram		0.8053	0.1947	0.6015	0.2020	0.7483
sens-4-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram		0.8605	0.1395	0.6308	0.2417	0.6916
sens-6-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sensorless		0.0908	0.1653	0.0151	0.0000	0.4085
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8459	0.1541	0.4583	0.0000	0.2991
shuttle		0.7859	0.0612	0.1257	0.0000	0.1287
sick		0.9231	0.0769	0.7063	0.4116	0.6283
sirtuin6		0.9000	0.1000	0.9083	0.8000	0.3145
skin		0.7923	0.2077	0.4421	0.0000	0.3603
skin10%		0.9996	0.0004	0.9994	0.9988	0.0098
smarket		0.9200	0.0800	0.9202	0.8400	0.3694
smart-farming		0.1400	0.4300	0.1231	-0.1436	0.8555
smk_can_187		0.4737	0.5263	0.3214	0.0000	0.5305
smoking		0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution		0.2167	0.3133	0.2158	0.0208	0.8686
solar-flare		0.1942	0.2686	0.1818	0.0543	0.7810
sonar		0.5000	0.5000	0.3333	0.0000	0.5283
soybean		0.0588	0.0991	0.0717	-0.0192	0.5459
spam-detection		0.9080	0.0920	0.4759	0.0000	0.2109
spambase		0.9109	0.0891	0.9064	0.8124	0.4032
spect		0.7037	0.2963	0.6196	0.2340	0.8108
spectf		0.2857	0.7143	0.2222	0.0000	0.4711
spectrometer		0.0000	0.0741	0.0000	-0.0513	0.3842
splice-EI		0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE		0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles		0.7500	0.2500	0.7538	0.4947	0.7200
squash-stored		0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored		0.4000	0.4000	0.1905	0.0000	0.2619
startup		1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry		0.5160	0.3227	0.2269	0.0000	0.3699
steel-b		0.8462	0.1538	0.7769	0.5528	0.6568
steel-d		0.9641	0.0359	0.7650	0.5154	0.5686
steel-k		0.9692	0.0308	0.9520	0.9020	0.1773
steel-o		0.8051	0.1949	0.7828	0.5650	0.6754
steel-p		0.9333	0.0667	0.7601	0.5161	0.5590
steel-s		0.9692	0.0308	0.8280	0.6507	0.5227
steel-z		0.9744	0.0256	0.9290	0.8576	0.3271
stellar		0.5945	0.2703	0.2486	0.0000	0.3397
stock		0.1806	0.8194	0.1529	0.0000	0.3656
stockb		0.9956	0.0029	0.9956	0.9934	0.0159
streaming		0.8880	0.1120	0.8868	0.7720	0.4575
stress		0.1905	0.3238	0.0640	0.0000	0.4034

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.2600	0.2960	0.1992	-0.0801	0.8258
student-weekend			0.4154	0.2338	0.3055	0.1875	0.6324
student-workday			0.6094	0.1562	0.2693	0.2028	0.6119
studentap			0.5385	0.3077	0.5166	0.2778	0.5827
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9927	0.0013	0.9929	0.9920	0.0112
theorem			0.4173	0.5827	0.2945	0.0000	0.5272
thoracic			0.7234	0.2766	0.4848	-0.0304	0.7956
thrombin			0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.3368	0.6632	0.2520	0.0000	0.5017
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f			0.4118	0.5882	0.4338	-0.1184	0.9526
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6667	0.3333	0.5156	0.0310	0.8948
trec11-wc			0.7805	0.0488	0.7078	0.7228	0.1795
trec12-wc			0.8710	0.0323	0.8926	0.8432	0.0972
trec21-wc			0.8182	0.0727	0.4977	0.6192	0.2383
trec23-wc			0.8095	0.0635	0.7317	0.7219	0.1350
trec31-wc			0.9247	0.0251	0.8795	0.8995	0.1135
trec41-wc			0.7841	0.0432	0.6605	0.7367	0.2330
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.2500	0.3750	0.1000	0.0000	0.4042
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.7923	0.2077	0.7951	0.5778	0.6543
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9293	0.0707	0.5809	0.1529	0.5653
ur3_cobotops_stop			0.9374	0.0626	0.6736	0.3304	0.5865
urban			0.2239	0.1725	0.1536	0.1032	0.6154
urinalysis			0.9371	0.0629	0.6841	0.3669	0.6148
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7738	0.1131	0.7510	0.6969	0.2454
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.8372	0.1628	0.8410	0.6753	0.5648
vowel			0.5657	0.0790	0.6165	0.5222	0.2348
vowelZ			0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7756	0.0224	0.6573	0.7487	0.1576
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2700	0.3650	0.2682	0.0257	0.8548
waveform			0.3400	0.4400	0.1692	0.0000	0.4157
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8444	0.1037	0.7957	0.7188	0.3809
Weekly			0.9722	0.0278	0.9719	0.9436	0.1670
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9462	0.0538	0.7676	0.5240	0.5840
wine			0.2353	0.5098	0.1270	0.0000	0.3739
winequality-red			0.5912	0.1363	0.2883	0.3516	0.5826
winequality-white			0.4928	0.1449	0.2665	0.2825	0.6247
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.8947	0.1053	0.8902	0.7782	0.4610
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.2703	0.1459	0.1969	0.0983	0.7467
yeastCYT-POX			0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC			0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1			0.9527	0.0473	0.6808	0.3410	0.5673
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 78: Detailed results for HT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1031	0.0619	0.0662	0.0510	0.4914
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8415	0.1585	0.7637	0.5158	0.6267
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9988	0.0012	0.4997	-0.0003	0.4066
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8592	0.1408	0.7951	0.5546	0.4942
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8460	0.1540	0.5247	0.0110	0.4863
airline		0.9234	0.0766	0.9223	0.8427	0.3446
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7907	0.2093	0.7679	0.5351	0.7008
anneal		0.9551	0.0180	0.9542	0.9101	0.1736
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		0.9944	0.0056	0.8878	0.7474	0.5000
anuran-family		0.8567	0.0716	0.8304	0.7468	0.3649
anuran-genus		0.9166	0.0209	0.8529	0.8664	0.2453
anuran-species		0.9194	0.0161	0.8184	0.8887	0.1500
anxiety		0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality		0.7225	0.2775	0.7231	0.4450	0.7874
aps-failure		0.9843	0.0157	0.7765	0.5529	0.5084
arabidopsis		0.9919	0.0081	0.4980	-0.0002	0.0993
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9918	0.0082	0.5326	0.0067	0.1508

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia		0.5556	0.0889	0.0714	0.0000	0.2612
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.6957	0.0254	0.2898	0.6560	0.0901
audit-risk		0.9744	0.0256	0.9742	0.9470	0.1562
autism-adolescent		0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.5500	0.1800	0.6369	0.4340	0.3767
avila		0.4384	0.0936	0.5384	0.3505	0.5722
babies		0.2177	0.2235	0.1283	0.0693	0.6045
balance		0.9032	0.0645	0.6222	0.8180	0.1797
bank		0.9022	0.0978	0.7053	0.3762	0.5660
banknote		0.9489	0.0511	0.9499	0.8974	0.2570
bankruptcy		0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9965	0.0035	0.8904	0.7611	0.1013
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.7429	0.2571	0.7875	0.5133	0.5626
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0010	0.0342	0.0000	0.0117
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0010	0.0342	0.0000	0.0117
body-perf		0.5082	0.2459	0.5052	0.3443	0.6370
bookings		0.9896	0.0069	0.6620	0.9779	0.0399
brain-tumor		0.4990	0.5010	0.4982	-0.0032	0.9722
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.4545	0.5455	0.4777	-0.0312	0.9055
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5820	0.5644	0.1810
bridges		0.7000	0.1000	0.5887	0.5714	0.1821
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae		0.4820	0.3453	0.3218	0.0150	0.5564
car		0.6667	0.1667	0.6602	0.4631	0.5457
car-insurance		0.7820	0.2180	0.7436	0.4868	0.7301
card		0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography		0.6573	0.0685	0.6594	0.6077	0.3530
cardiotocography-nsp		0.8169	0.1221	0.7182	0.5842	0.5233
cardiovascular		0.7232	0.2768	0.7242	0.4464	0.7844
cargo2k		0.9822	0.0118	0.9821	0.9733	0.0536
cars		0.8250	0.1167	0.8000	0.6930	0.3967
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5369	0.4631	0.4651	-0.0026	0.5689
cas_N6512_RDkit_AtomPair_FP		0.5844	0.4156	0.5793	0.1268	0.8510
cas_N6512_rdkit_AVALON		0.5637	0.4363	0.6068	0.1650	0.7994
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.6169	0.3831	0.6126	0.2056	0.8688
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5353	0.4647	0.4394	-0.0056	0.5868
cas_N6512_RDkit_FP		0.6334	0.3666	0.6286	0.2470	0.8774
cas_N6512_rdkit_LAYERED		0.6769	0.3231	0.6743	0.3484	0.8508
cas_N6512_RDkit_Layered_FP		0.5997	0.4003	0.5976	0.1952	0.9291

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.5484	0.4516	0.5641	0.0236	0.5993
cas_N6512_RDkit_MACCS_FP		0.5429	0.4571	0.5600	0.0117	0.5674
cas_N6512_rdkit_MORGAN		0.5369	0.4631	0.3493	-0.0031	0.5485
cas_N6512_RDkit_morgan_FP		0.5399	0.4601	0.5478	0.0041	0.5479
cas_N6512_rdkit_PATTERN		0.5569	0.4431	0.5822	0.1425	0.8775
cas_N6512_RDkit_pattern_FP		0.5414	0.4586	0.5491	0.0082	0.5678
cas_N6512_rdkit_RDKITFP		0.6298	0.3702	0.6246	0.2432	0.8904
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds		0.9607	0.0393	0.6297	0.1365	0.3530
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.7348	0.1768	0.4236	0.2475	0.3751
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7306	0.2694	0.7233	0.4397	0.7679
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.9353	0.0323	0.9086	0.9039	0.1604
chrom19		0.9996	0.0004	0.8721	0.7066	0.0026
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9990	0.0010	0.7829	0.5636	0.5060
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6509	0.1127	0.4265
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6632	0.3368	0.6695	0.3280	0.8276
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.5714	0.2857	0.2424	0.0000	0.3038
cjs		0.9857	0.0048	0.9830	0.9826	0.0291
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7639	0.1181	0.4913	0.6142	0.3281
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.5117	0.2482	0.7108
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.4298	0.1037	0.3262	0.3231	0.4056
coil20		0.1389	0.0861	0.1151	0.0949	0.3682
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.9000	0.0133	0.9534	0.8908	0.0339
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.6897	0.3103	0.6729	0.3185	0.7867
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.8710	0.1290	0.8634	0.7195	0.5250
column-3c		0.7742	0.1505	0.5665	0.6200	0.1957

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%		0.5177	0.4823	0.6031	0.0009	0.5256
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7428	0.2572	0.7431	0.4857	0.7598
coupon		0.5662	0.4338	0.5024	0.0008	0.6423
covid19		0.5297	0.1344	0.2093	0.1540	0.5201
covtype		0.7190	0.0803	0.5425	0.5396	0.4014
covtype10%		0.4735	0.1504	0.3581	0.2193	0.3122
covtypeCD		0.9443	0.0557	0.8731	0.7274	0.2815
covtypeT		0.9532	0.0468	0.7893	0.5428	0.3793
crabs		0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans		0.9991	0.0009	0.8671	0.7342	0.3894
creditcard_trans10%		0.9986	0.0014	0.8747	0.7136	0.5164
crowdsourced		0.8341	0.0553	0.6552	0.6872	0.4819
cryotherapy		0.7778	0.2222	0.8000	0.5263	0.4308
cultivars		0.4062	0.0297	0.2813	0.3896	0.0883
customer-churn		0.9796	0.0204	0.6229	0.0863	0.2377
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.5556	0.4444	0.3571	0.0000	0.5164
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0980	0.1804	0.0973	-0.0024	0.9249
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8263	0.1737	0.7128	0.3858	0.6261
defect		0.8951	0.1049	0.7828	0.4816	0.3221
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8923	0.1077	0.6696	0.2764	0.5509
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8378	0.0541	0.8591	0.8002	0.0740
desharnais		0.5000	0.3333	0.4036	0.1795	0.3510
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8462	0.1538	0.8361	0.6623	0.5407
diabetes-100k		0.9678	0.0322	0.8882	0.7526	0.1421
diabetes-risk		0.8847	0.1153	0.8097	0.5973	0.4852
diabetic		0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.6355	0.1458	0.5282	0.4796	0.3933
dishonest		0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5281	0.4719	0.5145	0.0228	0.9145
dota210%		0.5282	0.4718	0.5158	0.0037	0.6091
drebin		0.8640	0.1360	0.8697	0.7248	0.4911
dropout		0.7020	0.1986	0.6202	0.5007	0.5467
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3617	0.1824	0.2565	0.2266	0.6119
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5691	0.1231	0.2722	0.3521	0.5769
drug-17		0.3404	0.1885	0.2578	0.1487	0.6906
drug-18		0.9202	0.0319	0.1917	-0.0061	0.1083
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.2675	0.2093	0.0875	0.0415	0.3392
ecoli		0.2647	0.1838	0.2312	0.1542	0.1820
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7576	0.2424	0.7925	0.5075	0.5283
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0626	0.1172	0.0507	0.0209	0.5334
eeg-eye		0.6335	0.3665	0.6285	0.2234	0.8230
eeg10%		0.1523	0.1060	0.2253	0.1108	0.5882
email_phishing		0.9869	0.0131	0.6331	0.0489	0.1260
eucalyptus		0.4110	0.2356	0.4574	0.2746	0.5165
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.9242	0.0758	0.9246	0.8474	0.3434
exon.vs.intron-freq10%		0.8922	0.1078	0.8947	0.7822	0.4129
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5242	0.4758	0.6365	0.1020	0.5289
fbis-wc		0.0163	0.1157	0.0019	0.0000	0.3803
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5294	0.4706	0.5286	0.0570	0.9780
financial-risk		0.6460	0.1180	0.4264	0.4844	0.4065
fishcatch		0.8750	0.0417	0.9249	0.8462	0.0696
flags		0.3000	0.2000	0.0659	0.0000	0.3486
fonts		0.1363	0.0113	0.0307	0.0512	0.3709
fonts10%		0.1607	0.0110	0.0689	0.1472	0.8670
forest		0.8846	0.0577	0.8587	0.8418	0.1766
gas		0.5830	0.1390	0.6137	0.5026	0.4271
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.7192	0.1872	0.6962	0.5041	0.4505
german		0.6500	0.3500	0.5393	0.0169	0.6125
gestures		0.8870	0.0565	0.8876	0.8493	0.2157
gina		0.7983	0.2017	0.8033	0.5948	0.6290
gisette		0.8771	0.1229	0.8772	0.7543	0.4940
glass		0.5238	0.1587	0.5721	0.3694	0.3821
glass-g2		0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP		0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP		0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.8571	0.1429	0.7918	0.5772	0.5973
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.6842	0.3158	0.6833	0.3667	0.8414
gli_85		0.7500	0.2500	0.7895	0.5000	0.5283
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.2667	0.3667	0.2934	0.0678	0.6074
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.7319	0.0447	0.6466	0.6856	0.2683
har		0.1840	0.3264	0.0622	0.0000	0.3998
har70		0.9047	0.0272	0.5778	0.8587	0.2271
har701%		0.8314	0.0482	0.5153	0.7628	0.2040
har7010%		0.8849	0.0329	0.5370	0.8297	0.2151
harth		0.8481	0.0253	0.5708	0.7933	0.2620
harth1%		0.8271	0.0288	0.5172	0.7646	0.2961
harth10%		0.8310	0.0282	0.4993	0.7687	0.2638
hayes-roth		0.5000	0.3333	0.5303	0.2000	0.6258
hcc-survival		0.6471	0.3529	0.6223	0.2031	0.8037
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8065	0.1935	0.8046	0.6092	0.6543
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9200	0.0800	0.9168	0.8305	0.3495
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hepmass		0.8585	0.1415	0.8590	0.7170	0.5364
hepmass1%		0.8354	0.1646	0.8364	0.6710	0.5867
hepmass10%		0.8464	0.1536	0.8467	0.6929	0.5671
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.7692	0.2308	0.4348	0.0000	0.3833
higgs		0.6764	0.3236	0.6793	0.3369	0.8003
higgs0.1%		0.5700	0.4300	0.5686	0.1030	0.8418
higgs1%		0.6491	0.3509	0.6478	0.2825	0.8528
higgs10%		0.6726	0.3274	0.6759	0.3294	0.8030
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.8013	0.1987	0.7640	0.5068	0.6386
hr		0.8561	0.1439	0.4612	-0.0135	0.4899
ht-sensor		0.8716	0.0856	0.8774	0.8051	0.2606
ht-sensor10%		0.6396	0.2403	0.6485	0.4510	0.5499
htru2		0.9726	0.0274	0.9163	0.8323	0.3163
hypothyroid		0.2493	0.3753	0.3468	0.0455	0.2260
hypothyroidT		0.9894	0.0106	0.9660	0.9297	0.2551
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.8687	0.0657	0.8837	0.8249	0.1827
ionosphere		0.8286	0.1714	0.8288	0.6379	0.5815
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9802	0.9596	0.1220
isolet		0.8010	0.0153	0.8147	0.7931	0.1428
jm1		0.8099	0.1901	0.6051	0.1210	0.6012
jvowels		0.8715	0.0286	0.8641	0.8542	0.1752

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.8039	0.0196	0.3841	0.6875	0.1946
kddcup991%		0.5862	0.0637	0.5491	0.3874	0.0762
kddcup9910%		0.9546	0.0048	0.6098	0.9242	0.0754
kepler		0.7667	0.1555	0.6935	0.6041	0.2538
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.2727	0.0808	0.2559	0.1885	0.5577
krvskp		0.9122	0.0878	0.9126	0.8235	0.3848
la1s-wc		0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.6765	0.0162	0.3657	0.6597	0.0656
led24		0.4000	0.1333	0.3951	0.3296	0.2901
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.6810	0.0245	0.6909	0.6682	0.2833
leukemia		0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.7500	0.0333	0.7586	0.7316	0.0918
linkage		1.0000	0.0000	0.9976	0.9952	0.0174
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.6765	0.3235	0.4035	0.0000	0.4580
loan		0.9766	0.0234	0.9750	0.9500	0.1518
localization		0.4371	0.1023	0.1710	0.2745	0.4420
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.7925	0.0415	0.4678	0.7181	0.1817
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.7500	0.1000	0.7000	0.6735	0.1436
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7500	0.1000	0.7538	0.5671	0.4255
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2		0.5556	0.1481	0.2857	0.2500	0.2598
machine-failure		0.8936	0.1064	0.8904	0.7809	0.4568
madelon		0.5962	0.4038	0.5970	0.1923	0.9271
magic04		0.7922	0.2078	0.7738	0.4818	0.5087
malware		0.8108	0.1892	0.4478	0.0000	0.3405
mammography		0.8333	0.1667	0.8347	0.6671	0.5906
marketing		0.8616	0.1384	0.6755	0.0991	0.2804
maternal		0.4158	0.3894	0.3309	0.0862	0.5631
math		0.5000	0.2500	0.5776	0.3372	0.4630
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.5565	0.4435	0.6261	0.1791	0.7319
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.5659	0.4706	0.3121
meter-D		0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac		0.9300	0.0140	0.9311	0.9222	0.0807
mfeat-fou		0.7400	0.0520	0.7380	0.7111	0.2138
mfeat-kar		0.9400	0.0120	0.9414	0.9333	0.0737
mfeat-mor		0.6850	0.0630	0.7228	0.6500	0.1820
mfeat-pix		0.9200	0.0160	0.9238	0.9111	0.0887
mfeat-zer		0.7200	0.0560	0.7262	0.6889	0.2281
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9245	0.0503	0.9244	0.8857	0.1689
mines		0.4412	0.2235	0.4715	0.3009	0.4162
mobile		0.7657	0.0084	0.7824	0.7615	0.1055
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9107	0.0893	0.9178	0.8223	0.3018
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9865	0.0135	0.9865	0.9729	0.0977
music		0.3622	0.1160	0.4234	0.2655	0.6028
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.5839	0.4161	0.5568	0.0043	0.5307
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.5899	0.4101	0.6199	0.0200	0.5054
MUT_ci300400a_cdk_EXTENDED		0.5863	0.4137	0.5535	0.0138	0.5778
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5863	0.4137	0.6164	0.0100	0.5063
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5983	0.4017	0.5687	0.0575	0.6881
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.6263	0.3737	0.6083	0.1389	0.7263
MUT_ci300400a_rdkit_descriptors		0.5802	0.4198	0.5808	0.0185	0.5514
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9362	0.0638	0.9371	0.8725	0.3035
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7982	0.0212	0.3286	0.5062	0.9511
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.8628	0.0144	0.3004	0.5809	0.3997
neo		0.9079	0.0921	0.6497	0.1444	0.3756
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0872	0.0415	0.0078	0.0398	0.3781
newspop		0.5785	0.4215	0.5784	0.1195	0.8348
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9080	0.0920	0.8846	0.7595	0.3767
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.8395	0.0802	0.8007	0.7726	0.1853
obesity		0.6114	0.1110	0.6033	0.5447	0.3323
obs		0.7130	0.1435	0.7516	0.5954	0.3586
occupancy		0.9883	0.0117	0.9839	0.9676	0.1295
Occupancy_Estimation		0.9733	0.0133	0.9423	0.9212	0.1404
oh0-wc		0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc		0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc		0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc		0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.9649	0.0078	0.9554	0.9565	0.0249

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
opn310k		0.9090	0.0910	0.4762	-0.0002	0.2196
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9076	0.0924	0.4917	-0.0011	0.3069
optdigits		0.8754	0.0249	0.8851	0.8616	0.1452
optdigitsZ		0.9911	0.0089	0.9721	0.9425	0.0373
orl		0.9500	0.0025	0.9416	0.9487	0.0099
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.8400	0.1600	0.8603	0.6835	0.4472
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8413	0.1587	0.8488	0.6851	0.5336
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9122	0.0351	0.6854	0.5796	0.5713
parkinson		0.9083	0.0917	0.9154	0.8167	0.3339
parkinsons		0.7820	0.2180	0.7753	0.5479	0.7005
parkinsons-small		0.7368	0.2632	0.4242	0.0000	0.4125
particle		0.8666	0.1334	0.8273	0.6379	0.4997
particle10%		0.8338	0.1662	0.7831	0.5205	0.5110
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7632	0.2368	0.7306	0.4462	0.7231
pediatric-leukemia		0.5588	0.1260	0.5923	0.4486	0.3358
pendigits		0.9245	0.0151	0.9238	0.9160	0.0985
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.6239	0.3761	0.3842	0.0000	0.4887
personalities		0.7747	0.0282	0.7911	0.7596	0.2696
pet-adoption		0.8700	0.1300	0.8499	0.6967	0.5223
phishing		0.8449	0.1551	0.8475	0.6499	0.3556
PhiUSIIL		1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%		0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc		0.9355	0.0184	0.9321	0.9246	0.0747
phone-acc0.1%		0.2841	0.2046	0.2702	0.1544	0.4624
phone-acc1%		0.5057	0.1412	0.5081	0.4212	0.4010
phone-acc10%		0.8185	0.0518	0.8140	0.7876	0.1745
phone-gyr		0.9478	0.0149	0.9440	0.9390	0.0689
phone-gyr0.1%		0.6059	0.1126	0.5697	0.5381	0.3605
phone-gyr1%		0.6866	0.0895	0.6816	0.6326	0.2769
phone-gyr10%		0.8457	0.0441	0.8405	0.8192	0.1735
phoneme		0.8093	0.1907	0.7666	0.5331	0.6922
phy		0.6704	0.3296	0.6704	0.3408	0.8573
pima		0.6974	0.3026	0.6716	0.3235	0.8000
pirvision		0.9837	0.0109	0.9733	0.9496	0.1197
placement		0.7850	0.2150	0.7838	0.5357	0.6022
plant-growth		0.8421	0.1579	0.8444	0.6851	0.5655
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4780	0.1160	0.1228	0.0612	1.0000
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9289	0.0711	0.4816	-0.0033	0.3009
polya		0.7135	0.2865	0.6696	0.3198	0.7918

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
popularity			0.5922	0.2719	0.4371	0.2206	0.7263
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.6035	0.1586	0.6287	0.5028	0.3508
pred-tox_mutagen_ref-desc			0.4853	0.5147	0.3267	-0.0294	0.6753
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3939	0.0932	0.3860	0.3313	0.2748
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6119	0.3881	0.5159	0.0301	0.9384
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.8825	0.0470	0.7910	0.8408	0.2181
puc-rio10%			0.8793	0.0483	0.8234	0.8371	0.1858
pufs-128			0.5000	0.5000	0.5000	-0.0000	1.0000
pufs-1281%			0.5097	0.4903	0.5097	0.0193	0.9940
pufs-12810%			0.5002	0.4998	0.5002	0.0003	0.9995
pufs-64			0.5015	0.4985	0.5015	0.0030	0.9992
pufs-641%			0.4950	0.5050	0.4950	-0.0100	1.0000
pufs-6410%			0.4990	0.5010	0.4989	-0.0021	0.9995
pulsar			0.9808	0.0192	0.9407	0.8775	0.1483
raisin			0.8222	0.1778	0.8305	0.6444	0.5603
rcv11%			0.2426	0.0369	0.0095	0.0000	0.3161
rcv110%			0.1739	0.0330	0.0264	0.0821	0.2964
re0-wc			0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.9857	0.0143	0.9857	0.9711	0.0904
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.9510	0.0082	0.7813	0.8770	0.0365
satimage			0.7838	0.0721	0.7728	0.7362	0.2741
satimageF			0.9813	0.0187	0.9506	0.9001	0.1774
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6765	0.3235	0.6847	0.3529	0.8074
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.6095	0.3905	0.6576	0.1345	0.5055
seeds			0.8571	0.0952	0.8631	0.7857	0.2706
segment			0.7879	0.0606	0.8329	0.7520	0.1551
segmentation			0.7327	0.2673	0.7358	0.4576	0.7418
segmentO			0.8528	0.1472	0.4603	0.0000	0.2903
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.8082	0.0349	0.8141	0.7890	0.1540

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8783	0.1217	0.7539	0.5057	0.6312
shuttle			0.9745	0.0073	0.7506	0.9269	0.3182
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9977	0.0023	0.9965	0.9930	0.0276
skin10%			0.9747	0.0253	0.9619	0.9238	0.2194
smarket			0.9920	0.0080	0.9921	0.9840	0.0564
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.6316	0.3684	0.6292	0.2570	0.8973
smoking			0.6836	0.3164	0.6366	0.2122	0.7394
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.5755	0.1415	0.4429	0.4671	0.3414
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.8971	0.0108	0.9546	0.8878	0.0377
spam-detection			0.9530	0.0470	0.8471	0.6865	0.3975
spambase			0.6043	0.3957	0.3767	0.0000	0.4981
spect			0.8000	0.2000	0.4444	0.0000	0.3522
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.5094	0.0204	0.2311	0.4837	0.1340
splice-EI			0.9590	0.0410	0.9449	0.8881	0.2274
splice-IE			0.9054	0.0946	0.8703	0.7404	0.4902
sport-articles			0.8100	0.1900	0.7922	0.5808	0.6508
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7169	0.1887	0.6522	0.5179	0.4120
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9641	0.0359	0.9438	0.8846	0.1919
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9897	0.0103	0.9348	0.8697	0.2729
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.9647	0.0235	0.9593	0.9369	0.1176
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.9339	0.0441	0.9393	0.9009	0.1163
streaming			0.6380	0.3620	0.6838	0.2078	0.4983
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5957	0.4043	0.5507	0.0607	0.7929
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.5055	0.1475	0.5194
susy			0.7596	0.2404	0.7683	0.5015	0.6357
susy1%			0.7804	0.2196	0.7820	0.5493	0.6577
susy10%			0.7719	0.2281	0.7803	0.5275	0.6165
swarm_aligned			0.9858	0.0142	0.9837	0.9673	0.1222
swarm_flocking			0.4996	0.5004	0.3331	-0.0008	0.5368
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8679	0.1321	0.8217	0.6235	0.4947
texture			0.7818	0.0397	0.7949	0.7598	0.2013
theorem			0.9689	0.0311	0.9685	0.9354	0.1500
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tic-tac-toe			0.7263	0.2737	0.6810	0.3578	0.8063
tis			0.8871	0.1129	0.8417	0.6776	0.5013
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.7364	0.2636	0.7103	0.4184	0.7820
tourist			0.5000	0.2000	0.4000	0.3600	0.2083
tox_171			0.7059	0.1471	0.7208	0.6101	0.2469
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.7750	0.1125	0.7799	0.7000	0.3038
tvnews			0.7494	0.2506	0.7237	0.3937	0.6464
tvnews1%			0.8385	0.1615	0.8274	0.6547	0.6032
tvnews10%			0.7317	0.2683	0.7123	0.3323	0.5831
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7313	0.0597	0.7674	0.6852	0.2081
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.3810	0.3095	0.3997	0.1852	0.6333
vehicleVAN			0.7500	0.2500	0.4286	0.0000	0.4011
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.7442	0.2558	0.7712	0.4930	0.6074
vowel			0.5859	0.0753	0.6258	0.5444	0.2002
vowelZ			0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17			0.9108	0.0892	0.6386	0.0451	0.2564
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.6154	0.0769	0.4950	0.5667	0.1183
warppie10p			0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc			0.9124	0.0250	0.9107	0.8975	0.1133
watch-acc1%			0.6481	0.1005	0.6545	0.5856	0.3153
watch-acc10%			0.7411	0.0740	0.7401	0.6962	0.2892
watch-gyr			0.9003	0.0285	0.8967	0.8836	0.1358
watch-gyr1%			0.6566	0.0981	0.6357	0.5976	0.2657
watch-gyr10%			0.7729	0.0649	0.7749	0.7345	0.2414
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8080	0.1280	0.8084	0.7120	0.4158
weather-related			0.8865	0.0206	0.9115	0.8725	0.0942
web-phishing			0.8074	0.1284	0.6420	0.6507	0.4980
Weekly			0.9259	0.0741	0.9288	0.8475	0.2500
weight-lift			0.2372	0.3051	0.3673	0.0737	0.4188
white-clover			0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4969	0.1677	0.2447	0.2260	0.5853
winequality-white			0.4192	0.1659	0.2730	0.1834	0.6283
winnipeg			0.9589	0.0117	0.9487	0.9480	0.1034

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
winnipeg10%			0.9353	0.0185	0.9420	0.9182	0.1269
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.6875	0.0417	0.6588	0.6639	0.0854
yeast			0.1689	0.1662	0.1871	0.0925	0.4689
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.7667	0.0467	0.7538	0.7388	0.2524

Table 79: Detailed results for HTSVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1157	0.0842	0.0951	0.0481	0.7496
abalone19		0.9115	0.0885	0.4768	-0.0134	0.1424
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.9665	0.0335	0.9311	0.8622	0.3156
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8492	0.1508	0.5066	0.0132	0.7200
AID_1431_KlekotaRothFingerprinter		0.7778	0.2222	0.4375	-0.1186	0.6506
AID_1431_MACCSFingerprinter		0.8016	0.1984	0.5496	0.0912	0.6486
AID_1878		0.7238	0.2762	0.5785	0.1549	0.8023
AID_602330		0.9062	0.0938	0.5729	0.1360	0.5750
AID_652128		0.6970	0.2020	0.3813	0.0589	0.5559
AID1284Morered		0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.8738	0.1262	0.4663	-0.0669	0.6884
AID1608red		0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red		0.9720	0.0280	0.5656	0.1289	0.5439
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9890	0.0110	0.4972	-0.0044	0.3483
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.4500	0.5500	0.3103	-0.3750	0.9873
AID644red		0.8000	0.2000	0.7619	0.5238	0.7028
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.8889	0.1111	0.8333	0.6087	0.2605
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8028	0.1972	0.7196	0.4364	0.7243
air_pollution		0.1867	0.2324	0.1320	-0.0040	0.9171
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8190	0.0724	0.5843	0.6464	0.5059
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6651	0.3349	0.6794	0.3383	0.7958
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family		0.9875	0.0063	0.9554	0.9762	0.0735
anuran-genus		0.9833	0.0042	0.9447	0.9726	0.1350
anuran-species		0.9875	0.0025	0.9695	0.9826	0.0434
anxiety		0.1417	0.1907	0.1486	0.0341	0.7772
apple-quality		0.9050	0.0950	0.9051	0.8100	0.4167
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.3778	0.0957	0.1468	0.1268	0.5006
auction		0.9314	0.0686	0.8685	0.7273	0.5078

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.5000	0.0909	0.1869	0.3698	0.2300
audit-risk		0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.8966	0.1034	0.9058	0.7943	0.3261
autos		0.9000	0.0333	0.7655	0.8680	0.0918
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3306	0.1912	0.1655	0.0765	0.7198
balance		0.7903	0.1398	0.6984	0.6596	0.3593
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria		0.8848	0.1152	0.8739	0.7463	0.4806
basehock		0.9548	0.0452	0.9553	0.9095	0.2347
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8571	0.1429	0.8644	0.7123	0.5001
biomed		0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.5000	0.5000	0.5000	0.0000	0.8803
breast-cancer-co		0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8748	0.7778	0.1144
bridges		0.6000	0.1143	0.4530	0.4937	0.1480
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.3000	0.7000	0.2308	0.0000	0.4809
caesarian		0.5000	0.5000	0.4667	-0.0667	0.9927
cancer		0.9420	0.0580	0.9374	0.8671	0.1938
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9885	0.0057	0.9789	0.9755	0.1021
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography		0.8122	0.0376	0.7964	0.7773	0.2595
cardiotocography-nsp		0.9014	0.0657	0.7986	0.7360	0.3997
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.6523	0.2318	0.5388	0.4852	0.2539
cars		0.6750	0.2167	0.6210	0.4699	0.5345
cas_N6512_cdk_ECFP2		0.7727	0.2273	0.7707	0.5407	0.7130
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.7255	0.2745	0.7229	0.4425	0.7807
cas_N6512_rdkit_AVALON		0.7834	0.2166	0.7821	0.5643	0.6960
cas_N6512_RDkit_Avalon_FP		0.7868	0.2132	0.7864	0.5724	0.6883
cas_N6512_rdkit_descriptors		0.7569	0.2431	0.7548	0.5079	0.7365
cas_N6512_rdkit_FEATMORGAN		0.7788	0.2212	0.7783	0.5562	0.7027
cas_N6512_RDkit_Featmorgan_FP		0.7822	0.2178	0.7810	0.5620	0.6980
cas_N6512_RDkit_FP		0.7577	0.2423	0.7556	0.5097	0.7359
cas_N6512_rdkit_LAYERED		0.7262	0.2738	0.7255	0.4506	0.7853
cas_N6512_RDkit_Layered_FP		0.7331	0.2669	0.7309	0.4616	0.7763
cas_N6512_rdkit_MACCS		0.7849	0.2151	0.7831	0.5653	0.6909
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.7831	0.2169	0.7813	0.5622	0.6954
cas_N6512_RDkit_morgan_FP		0.7883	0.2117	0.7871	0.5742	0.6872

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7738	0.2262	0.7726	0.5451	0.7125
cas_N6512_RDkit_pattern_FP		0.7623	0.2377	0.7615	0.5227	0.7309
cas_N6512_rdkit_RDKITFP		0.7419	0.2581	0.7406	0.4812	0.7634
cas_N6512_rdkit_TORSION		0.7446	0.2554	0.7423	0.4835	0.7573
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7668	0.2332	0.7392	0.4768	0.7414
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.8953	0.1047	0.5637	0.1264	0.6495
cervical-H		0.9535	0.0465	0.7962	0.5764	0.5664
cervical-S		0.9651	0.0349	0.8916	0.7810	0.3406
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9971	0.0029	0.7822	0.4434	0.4711
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8951	0.1049	0.7854	0.5705	0.5973
ci900367j_MACCS		0.6842	0.3158	0.6812	0.3569	0.8248
circles		0.7430	0.0051	0.7200	0.7404	0.0684
cirrhosis		0.5476	0.3016	0.4947	0.2356	0.6955
cjs		0.9893	0.0036	0.9852	0.9869	0.0200
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.8200	0.1800	0.6701	0.3077	0.6404
cmc		0.4966	0.3356	0.4975	0.2474	0.7309
cnae-9		0.9444	0.0123	0.9461	0.9375	0.0622
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.8442	0.1558	0.8099	0.6185	0.6246
collins		0.5400	0.0613	0.4970	0.4961	0.2385
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2		0.5517	0.4483	0.4972	-0.0053	0.9756
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.2759	0.7241	0.2162	0.0000	0.4638
colposcopies-5		0.1724	0.8276	0.1471	0.0000	0.3547
colposcopies-6		0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c		0.2414	0.7586	0.1944	0.0000	0.4342
column-2c		0.9032	0.0968	0.9061	0.7947	0.3833
column-3c		0.8387	0.1075	0.8392	0.7488	0.3469
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.6827	0.3173	0.6830	0.3656	0.8416
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.8889	0.1111	0.8953	0.7692	0.3145
cultivars		0.5625	0.0219	0.3911	0.5493	0.0643
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.1593	-0.0077	0.8895
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.8519	0.1481	0.8558	0.7037	0.5346
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.8415	0.6286	0.5283
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.1605	0.8395	0.1383	0.0000	0.3379
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.7552	0.2448	0.5391	0.0778	0.8194
dermatology		0.1892	0.2703	0.0530	0.0000	0.3795
desharnais		0.6250	0.2500	0.4099	0.2000	0.4997
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7000	0.3000	0.6861	0.3455	0.7462
diabetes		0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.4922	0.2400	0.7037
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.9500	0.0250	0.9362	0.9309	0.0920
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9391	0.0609	0.7972	0.5584	0.3855
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5194	0.4806	0.5169	0.0338	0.9890
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.6885	0.2077	0.6241	0.4873	0.5667
drug-01		0.2074	0.2264	0.1777	0.0391	0.8711
drug-02		0.3777	0.1778	0.2472	0.1676	0.8001
drug-03		0.5213	0.1368	0.1816	0.1521	0.8107
drug-04		0.3511	0.1854	0.2054	0.1167	0.8098
drug-05		0.4362	0.1611	0.1099	-0.0346	0.8403
drug-06		0.2553	0.2128	0.2125	0.1147	0.7953
drug-07		0.2713	0.2082	0.1398	0.0455	0.9044
drug-08		0.3032	0.1991	0.1790	0.0937	0.8353
drug-09		0.6543	0.0988	0.1491	0.0956	0.7118
drug-10		0.3723	0.1793	0.2283	0.1307	0.7956
drug-11		0.6702	0.0942	0.2156	0.1035	0.7889
drug-12		0.5638	0.1246	0.1665	0.0856	0.8409
drug-13		0.3830	0.1763	0.1753	0.1264	0.8438
drug-14		0.3883	0.1748	0.2560	0.1512	0.8288
drug-15		0.5426	0.1307	0.2090	0.0883	0.7974

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.3936	0.1733	0.2658	0.2003	0.7580
drug-17		0.2553	0.2128	0.2290	0.1092	0.7981
drug-18		0.0053	0.9947	0.0053	0.0000	0.0152
drug-19		0.5160	0.1383	0.1588	0.0878	0.7399
drybean		0.9236	0.0218	0.9407	0.9077	0.1111
ecoli		0.7059	0.0980	0.5555	0.5813	0.2557
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU		0.7576	0.2424	0.6474	0.2281	0.5602
ecoliOM		0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce		0.2000	0.4000	0.1994	-0.0667	0.8907
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.8992	0.1008	0.8980	0.7956	0.4327
eeg10%		0.3181	0.0852	0.3467	0.2616	0.7025
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5616	0.1753	0.5452	0.4371	0.4381
euthyroid		0.7975	0.2025	0.7351	0.3758	0.5397
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.4725	0.5275	0.4727	-0.0544	1.0000
farm-ads		0.8961	0.1039	0.8956	0.7910	0.4423
fbis-wc		0.8008	0.0234	0.7290	0.7755	0.2000
fertility		0.6000	0.4000	0.3750	-0.1765	0.5613
finance		0.8235	0.1765	0.8228	0.6450	0.6189
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.8654	0.0673	0.8600	0.8133	0.1624
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.4189	0.3874	0.4242	0.1069	0.7102
gene		0.2524	0.4984	0.1343	0.0000	0.4017
german		0.6800	0.3200	0.6312	0.2575	0.8624
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7143	0.0952	0.8197	0.6358	0.1818
glass-g2		0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP		0.6667	0.3333	0.6777	0.3408	0.8132
glassBWNFP		0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers		0.0909	0.9091	0.0833	0.0000	0.2192
glassNW		0.2381	0.7619	0.1923	0.0000	0.4310
glassTableware		0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP		0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM		0.5789	0.4211	0.5843	0.1648	0.9308
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.8452	0.1548	0.8465	0.6880	0.5623
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.4000	0.3000	0.4607	0.1916	0.4432
gsalc		0.7778	0.0741	0.7059	0.7313	0.0884
haberman		0.7000	0.3000	0.6011	0.2012	0.8607
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.6394	0.1030	0.5745	0.5531	0.2136
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.5625	0.2917	0.4444	0.2821	0.4029
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.0800	0.4600	0.0825	-0.0045	0.4918
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.7742	0.2258	0.7741	0.5470	0.7087
heart-c		0.8333	0.1667	0.8326	0.6637	0.5926
heart-failure		0.9680	0.0320	0.9627	0.9249	0.1915
heart-quantum		0.7200	0.2800	0.7083	0.4167	0.8017
hepatitis		0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs		0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6282	0.3718	0.6263	0.2526	0.9032
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.7188	0.2812	0.7192	0.4375	0.7936
hiv1-proteasa		0.9073	0.0927	0.8273	0.6512	0.5143
hiva		0.9551	0.0449	0.5462	0.0765	0.5927
horse		0.5000	0.3333	0.4395	0.1960	0.7180
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.7649	0.2351	0.5077	0.0155	0.7853
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9777	0.0223	0.9297	0.8554	0.1927
hypothyroid		0.9045	0.0477	0.5901	0.5829	0.2273
hypothyroidT		0.9682	0.0318	0.8957	0.7892	0.4242
ilpd		0.5424	0.4576	0.6010	0.1629	0.7702
immuno-therapy		0.2222	0.7778	0.1818	0.0000	0.4150
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8571	0.1429	0.8291	0.6421	0.5116
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.7998	0.2002	0.5969	0.1556	0.7240
jvowels		0.9910	0.0020	0.9893	0.9898	0.0145
kc1		0.8720	0.1280	0.7267	0.4389	0.6257
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.5385	0.1846	0.2992	0.2200	0.5218
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007		0.8678	0.0378	0.8699	0.8457	0.2168
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		1.0000	0.0000	1.0000	1.0000	0.0000
la1s-wc		0.8349	0.0550	0.8177	0.7939	0.2838
la2s-wc		0.8377	0.0541	0.8204	0.7985	0.2577
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.7647	0.0205	0.7374	0.7527	0.0670

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.6000	0.0800	0.6027	0.5493	0.1763
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8611	0.0185	0.8528	0.8509	0.0565
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6765	0.3235	0.6049	0.2043	0.8743
loan		0.9110	0.0890	0.9047	0.8087	0.4035
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8491	0.0431	0.7196	0.7895	0.1604
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9043	0.0957	0.9056	0.8064	0.4097
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.8233	0.1767	0.8103	0.5661	0.4409
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7292	0.2708	0.7342	0.4618	0.7625
marketing		0.8661	0.1339	0.7335	0.4669	0.6692
maternal		0.7921	0.1386	0.8097	0.6861	0.3783
math		0.5500	0.2250	0.4834	0.3265	0.6226
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8436	0.7778	0.1604
mental-health		0.1900	0.3240	0.1907	-0.0130	0.8860
messidor		0.6435	0.3565	0.6611	0.3051	0.8317
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.8777	0.8428	0.1169
meter-D		0.6667	0.1667	0.5997	0.5284	0.2106
mfeat-fac		0.5300	0.0940	0.4088	0.4778	0.3102
mfeat-fou		0.1150	0.1770	0.0522	0.0167	0.5270
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.7550	0.0490	0.7652	0.7278	0.1743
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.8100	0.0380	0.8117	0.7889	0.1086
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6471	0.1412	0.6472	0.5584	0.3291
mobile		0.6538	0.0124	0.6438	0.6476	0.1480
monks-1		0.4909	0.5091	0.3293	0.0000	0.5293
monks-2		0.9836	0.0164	0.9820	0.9633	0.0783
monks-3		0.8750	0.1250	0.8752	0.7500	0.4986
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9848	0.0152	0.9724	0.9438	0.2026
MUT_ci300400a_cdk_ECFP2		0.8213	0.1787	0.8164	0.6328	0.6291
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ESTATE		0.7722	0.2278	0.7635	0.5253	0.7167
MUT_ci300400a_cdk_EXTENDED		0.8094	0.1906	0.8039	0.6078	0.6529
MUT_ci300400a_cdk_FCFP2		0.8335	0.1665	0.8279	0.6552	0.6010
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.8273	0.1727	0.8213	0.6411	0.6113
MUT_ci300400a_cdk_MACCS		0.8345	0.1655	0.8303	0.6606	0.6015
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.8144	0.1856	0.8077	0.6142	0.6391
MUT_ci300400a_rdkit_descriptors		0.8120	0.1880	0.8066	0.6118	0.6417
myocardial		0.0824	0.2294	0.1346	0.0580	0.3760
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.8095	0.1270	0.6955	0.4400	0.2175
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9736	0.0264	0.9556	0.9072	0.2846
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4306	0.3796	0.4026	0.0928	0.7522
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.8483	0.0433	0.8445	0.8230	0.1807
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9912	0.0088	0.9880	0.9757	0.1069
Occupancy_Estimation		0.9803	0.0099	0.9271	0.9401	0.0759
oh0-wc		0.8515	0.0297	0.8435	0.8310	0.1485
oh10-wc		0.7333	0.0533	0.7039	0.6982	0.2780
oh15-wc		0.6413	0.0717	0.6028	0.5964	0.3318
oh5-wc		0.8132	0.0374	0.8194	0.7897	0.1748
ohscal-wc		0.1129	0.1774	0.0203	0.0000	0.4003
olive		0.9123	0.0195	0.8306	0.8905	0.0531
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.7527	0.0495	0.6730	0.7247	0.2008
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.0356	0.9644	0.0344	0.0000	0.0956
ozone8hr		0.8814	0.1186	0.5517	0.1030	0.6959
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.8032	0.6054	0.6482
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8492	0.1508	0.8505	0.6987	0.5557
p53-mutants10%		0.0032	0.9968	0.0032	0.0000	0.0091
page-blocks		0.9598	0.0161	0.8180	0.7947	0.3416
parkinson		0.9500	0.0500	0.9482	0.8959	0.2600
parkinsons		0.7630	0.2370	0.7591	0.5132	0.7239
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9279	0.0721	0.7306	0.4612	0.6104
pcmac		0.4536	0.5464	0.4459	-0.1079	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pendigits			0.9891	0.0022	0.9891	0.9879	0.0190
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.3333	0.6667	0.2500	0.0000	0.5000
persistency			0.7697	0.2303	0.7516	0.5023	0.7314
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.8150	0.1850	0.7900	0.5800	0.6635
phishing			0.9633	0.0367	0.9616	0.9231	0.2202
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8481	0.1519	0.8435	0.6657	0.5517
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6842	0.3158	0.6560	0.2808	0.7925
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.5789	0.4211	0.5778	0.1556	0.9466
plrx			0.6111	0.3889	0.5439	0.0870	0.8978
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.3190	0.1946	0.2211	0.0407	0.8855
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9175	0.0825	0.6294	0.2361	0.5649
polish-2nd			0.9302	0.0698	0.5087	0.0173	0.6315
polish-3rd			0.0476	0.9524	0.0455	0.0000	0.1250
polish-4th			0.9071	0.0929	0.6147	0.2239	0.6279
polish-5th			0.8731	0.1269	0.6735	0.3176	0.6114
polya			0.6389	0.3611	0.6045	0.2090	0.9012
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.5556	0.2963	0.2564	0.0000	0.4323
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.7500	0.2500	0.7643	0.5000	0.6660
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3333	0.1026	0.2512	0.2592	0.3598
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7761	0.2239	0.7493	0.4983	0.7315
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.7667	0.2333	0.7945	0.5333	0.5355
re0-wc			0.6933	0.0472	0.7153	0.6266	0.4682
re1-wc			0.6627	0.0270	0.6274	0.6297	0.4083
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6038	0.3962	0.6710	0.2713	0.7081
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8942	0.0353	0.8820	0.8699	0.1781

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.8865	0.1135	0.7930	0.5458	0.5865
scadi			0.4286	0.2286	0.4421	0.3333	0.2425
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9307	0.0198	0.9381	0.9190	0.0837
segmentation			0.8119	0.1881	0.8010	0.5999	0.6545
segmentO			0.9827	0.0173	0.9681	0.9342	0.2317
seismic			0.8953	0.1047	0.5863	0.1725	0.6696
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.7500	0.2500	0.5575	0.1100	0.7347
sens-2-gram			0.8026	0.1974	0.6311	0.2563	0.7266
sens-3-gram			0.8395	0.1605	0.6208	0.2395	0.7391
sens-4-gram			0.8263	0.1737	0.5857	0.1695	0.7589
sens-5-gram			0.8684	0.1316	0.6669	0.3205	0.6765
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.8886	0.1114	0.7370	0.4223	0.5790
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9967	0.0033	0.9950	0.9901	0.0456
smarket			0.9280	0.0720	0.9285	0.8561	0.3394
smart-farming			0.1400	0.4300	0.1219	-0.1448	0.8676
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2167	0.3133	0.2158	0.0209	0.8703
solar-flare			0.4388	0.1870	0.4306	0.3205	0.4697
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.8971	0.0108	0.7875	0.8868	0.0599
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9043	0.0957	0.9000	0.8000	0.4290
spect			0.8148	0.1852	0.7091	0.2373	0.3439
spectf			0.2857	0.7143	0.2222	0.0000	0.4711
spectrometer			0.5385	0.0342	0.4450	0.5131	0.1459
splice-EI			0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE			0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles			0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.4000	0.4000	0.1905	0.0000	0.2619
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8308	0.1692	0.7666	0.5284	0.6744
steel-d			0.9692	0.0308	0.8180	0.6100	0.5473
steel-k			0.9744	0.0256	0.9604	0.9206	0.1989
steel-o			0.8000	0.2000	0.7777	0.5551	0.6857
steel-p			0.9333	0.0667	0.7482	0.4840	0.5404
steel-s			0.9692	0.0308	0.8280	0.6507	0.5227
steel-z			0.9487	0.0513	0.8853	0.7545	0.4850
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.1806	0.8194	0.1529	0.0000	0.3656
stockb			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
streaming			0.8880	0.1120	0.8866	0.7726	0.4634
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.2300	0.3080	0.1959	-0.0793	0.8602
student-weekend			0.3231	0.2708	0.2757	0.1167	0.7250
student-workday			0.5625	0.1750	0.2110	0.1551	0.7084
studentap			0.5385	0.3077	0.5111	0.2909	0.5610
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5893	0.3000	0.5000
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9927	0.0013	0.9929	0.9920	0.0112
theorem			0.4173	0.5827	0.2945	0.0000	0.5272
thoracic			0.6383	0.3617	0.5403	0.0677	0.6990
thrombin			0.9895	0.0105	0.8552	0.6619	0.0402
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.3368	0.6632	0.2520	0.0000	0.5017
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.7364	0.2636	0.7103	0.4184	0.7820
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f			0.5882	0.4118	0.4903	-0.0171	0.9466
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.4603	-0.0628	0.8856
trec11-wc			0.9268	0.0163	0.9192	0.9109	0.0397
trec12-wc			0.8710	0.0323	0.8941	0.8471	0.1112
trec21-wc			0.9394	0.0242	0.7612	0.8782	0.1107
trec23-wc			0.7143	0.0952	0.8202	0.6379	0.2231
trec31-wc			0.9570	0.0143	0.9187	0.9431	0.1044
trec41-wc			0.9432	0.0114	0.9413	0.9310	0.0744
trec45-wc			0.8696	0.0261	0.7851	0.8487	0.1240
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.2500	0.3750	0.1000	0.0000	0.4042
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8000	0.2000	0.7896	0.5779	0.6761
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9020	0.0980	0.6670	0.2570	0.4770
ur3_cobotops_stop			0.9075	0.0925	0.7589	0.3991	0.4772
urban			0.5970	0.0896	0.4387	0.5306	0.3043
urinalysis			0.9371	0.0629	0.7192	0.4373	0.6096
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7857	0.1071	0.7447	0.7096	0.2320
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.8372	0.1628	0.8410	0.6753	0.5648
vowel			0.7071	0.0533	0.7395	0.6778	0.1366
vowelZ			0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.8141	0.0186	0.7108	0.7933	0.1406
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2633	0.3683	0.2624	0.0171	0.8574
waveform			0.3400	0.4400	0.1692	0.0000	0.4157
weather-related			0.9615	0.0070	0.9616	0.9563	0.0484
web-phishing			0.8370	0.1086	0.8094	0.7188	0.4403
Weekly			0.9722	0.0278	0.9719	0.9436	0.1670
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9234	0.0766	0.8073	0.5313	0.5223
wine			0.2353	0.5098	0.1270	0.0000	0.3739
winequality-red			0.5346	0.1551	0.2884	0.3290	0.7083
winequality-white			0.5174	0.1379	0.3234	0.3651	0.7791
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9123	0.0877	0.9091	0.8017	0.2562
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.4054	0.1189	0.3653	0.3062	0.6625
yeastCYT-POX			0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC			0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1			0.9527	0.0473	0.6808	0.3410	0.5673
yeastME2			0.9392	0.0608	0.5817	0.1527	0.6285
zip			0.1828	0.1634	0.0641	0.0984	0.4077

Table 80: Detailed results for HTSVM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0145	0.0939	0.0573	0.0024	0.4170
abalone19		0.9115	0.0885	0.4768	-0.0134	0.1424
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.9665	0.0335	0.9311	0.8622	0.3156
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8492	0.1508	0.5066	0.0132	0.7200
AID_1431_KlekotaRothFingerprinter		0.7778	0.2222	0.4375	-0.1186	0.6506
AID_1431_MACCSFingerprinter		0.8016	0.1984	0.5496	0.0912	0.6486
AID_1878		0.7238	0.2762	0.5785	0.1549	0.8023
AID_602330		0.9062	0.0938	0.5729	0.1360	0.5750
AID_652128		0.8182	0.1212	0.4755	0.1341	0.4044
AID1284Morered		0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.8738	0.1262	0.4663	-0.0669	0.6884
AID1608red		0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red		0.9720	0.0280	0.5656	0.1289	0.5439
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9890	0.0110	0.4972	-0.0044	0.3483
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.4500	0.5500	0.3103	-0.3750	0.9873
AID644red		0.8000	0.2000	0.7619	0.5238	0.7028
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.8889	0.1111	0.8333	0.6087	0.2605
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8028	0.1972	0.7196	0.4364	0.7243
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.0286	0.3886	0.0111	0.0000	0.2706
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.6651	0.3349	0.6794	0.3383	0.7958
anneal		0.1910	0.3236	0.2857	0.1010	0.1725
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family		0.9680	0.0160	0.8781	0.9402	0.1670
anuran-genus		0.3088	0.1728	0.4269	0.2084	0.3515
anuran-species		0.2000	0.1600	0.2280	0.1291	0.3694
anxiety		0.0917	0.2019	0.0911	-0.0196	0.7672
apple-quality		0.9050	0.0950	0.9051	0.8100	0.4167
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.0000	0.1538	0.0000	0.0000	0.2896
auction		0.9314	0.0686	0.8685	0.7273	0.5078

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.0455	0.1736	0.0079	0.0000	0.3844
audit-risk		0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.8966	0.1034	0.9058	0.7943	0.3261
autos		0.8000	0.0667	0.6874	0.7452	0.1592
avila		0.0005	0.1666	0.0001	0.0000	0.3409
babies		0.3387	0.1889	0.1845	0.0937	0.7286
balance		0.0645	0.6237	0.0404	0.0000	0.3991
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria		0.8848	0.1152	0.8739	0.7463	0.4806
basehock		0.9548	0.0452	0.9553	0.9095	0.2347
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8571	0.1429	0.8644	0.7123	0.5001
biomed		0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.5000	0.5000	0.5000	0.0000	0.8803
breast-cancer-co		0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma		0.4545	0.5455	0.3125	0.0000	0.5306
breast-tissue		0.4545	0.1818	0.4410	0.3400	0.2991
bridges		0.0000	0.2857	0.0000	0.0000	0.3594
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.3000	0.7000	0.2308	0.0000	0.4809
caesarian		0.5000	0.5000	0.4667	-0.0667	0.9927
cancer		0.9420	0.0580	0.9374	0.8671	0.1938
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8563	0.0718	0.8680	0.7416	0.1449
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography		0.0423	0.1915	0.0081	0.0000	0.3785
cardiotocography-nsp		0.8920	0.0720	0.8118	0.7048	0.3577
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3477	0.4349	0.1720	0.0000	0.4145
cars		0.7250	0.1833	0.5805	0.4787	0.4488
cas_N6512_cdk_ECFP2		0.7727	0.2273	0.7707	0.5407	0.7130
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.7285	0.2715	0.7261	0.4485	0.7752
cas_N6512_rdkit_AVALON		0.7834	0.2166	0.7821	0.5643	0.6960
cas_N6512_RDkit_Avalon_FP		0.7868	0.2132	0.7864	0.5724	0.6883
cas_N6512_rdkit_descriptors		0.7569	0.2431	0.7548	0.5079	0.7365
cas_N6512_rdkit_FEATMORGAN		0.7788	0.2212	0.7783	0.5562	0.7027
cas_N6512_RDkit_Featmorgan_FP		0.7822	0.2178	0.7810	0.5620	0.6980
cas_N6512_RDkit_FP		0.7577	0.2423	0.7556	0.5097	0.7359
cas_N6512_rdkit_LAYERED		0.7262	0.2738	0.7255	0.4506	0.7853
cas_N6512_RDkit_Layered_FP		0.7331	0.2669	0.7309	0.4616	0.7763
cas_N6512_rdkit_MACCS		0.7849	0.2151	0.7831	0.5653	0.6909
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.7831	0.2169	0.7813	0.5622	0.6954
cas_N6512_RDkit_morgan_FP		0.7883	0.2117	0.7871	0.5742	0.6872

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7738	0.2262	0.7726	0.5451	0.7125
cas_N6512_RDkit_pattern_FP		0.7623	0.2377	0.7615	0.5227	0.7309
cas_N6512_rdkit_RDKITFP		0.7419	0.2581	0.7406	0.4812	0.7634
cas_N6512_rdkit_TORSION		0.7462	0.2538	0.7439	0.4865	0.7546
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7668	0.2332	0.7392	0.4768	0.7414
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.8953	0.1047	0.5637	0.1264	0.6495
cervical-H		0.9535	0.0465	0.7962	0.5764	0.5664
cervical-S		0.9651	0.0349	0.8916	0.7810	0.3406
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9971	0.0029	0.7822	0.4434	0.4711
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7730	0.2270	0.6588	0.3172	0.7793
churn-bigml		0.8951	0.1049	0.7854	0.5705	0.5973
ci900367j_MACCS		0.6842	0.3158	0.6812	0.3569	0.8248
circles		0.0400	0.0192	0.0204	0.0303	0.3654
cirrhosis		0.5476	0.3016	0.4973	0.1739	0.6189
cjs		0.9821	0.0060	0.9777	0.9782	0.0338
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8287	0.0856	0.7549	0.7392	0.3412
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678
cm1		0.8200	0.1800	0.6701	0.3077	0.6404
cmc		0.5034	0.3311	0.4967	0.2441	0.7389
cnae-9		0.8056	0.0432	0.7632	0.7812	0.1580
codon_usage		0.0614	0.1707	0.0315	0.0337	0.4214
coil20		0.0556	0.0944	0.0053	0.0000	0.4152
college		0.8442	0.1558	0.8099	0.6185	0.6246
collins		0.1800	0.1093	0.1549	0.1473	0.3084
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2		0.5517	0.4483	0.4972	-0.0053	0.9756
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.2759	0.7241	0.2162	0.0000	0.4638
colposcopies-5		0.1724	0.8276	0.1471	0.0000	0.3547
colposcopies-6		0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c		0.2414	0.7586	0.1944	0.0000	0.4342
column-2c		0.9032	0.0968	0.9061	0.7947	0.3833
column-3c		0.7742	0.1505	0.7171	0.6359	0.3722
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.6827	0.3173	0.6830	0.3656	0.8416
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.5000	0.2500	0.4000	0.3333	0.2418

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		0.8889	0.1111	0.8953	0.7692	0.3145
cultivars		0.0000	0.0500	0.0000	0.0000	0.4102
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1567	0.2811	0.1530	-0.0130	0.8865
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.8519	0.1481	0.8558	0.7037	0.5346
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.8415	0.6286	0.5283
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.1605	0.8395	0.1383	0.0000	0.3379
dementia		0.4800	0.5200	0.3243	0.0000	0.5302
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.7552	0.2448	0.5391	0.0778	0.8194
dermatology		0.0541	0.3153	0.0171	0.0000	0.4072
desharnais		0.1250	0.5833	0.0741	0.0000	0.3719
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.2500	0.5000	0.1333	0.0000	0.4234
DIA		0.7000	0.3000	0.6861	0.3455	0.7462
diabetes		0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5196	0.3203	0.4446	0.1555	0.7525
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.4167	0.5833	0.2941	0.0000	0.5271
diamonds		0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor		0.2500	0.7500	0.2000	0.0000	0.4422
dlbcl-nih		0.4167	0.5833	0.2941	0.0000	0.5271
dlbcl-stanford		0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9391	0.0609	0.7972	0.5584	0.3855
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5194	0.4806	0.5169	0.0338	0.9890
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.6727	0.2182	0.5997	0.4633	0.6079
drug-01		0.0160	0.2812	0.0045	0.0000	0.3564
drug-02		0.2926	0.2021	0.1591	0.0669	0.7372
drug-03		0.0000	0.2857	0.0000	0.0000	0.2510
drug-04		0.3936	0.1733	0.2429	0.1455	0.7406
drug-05		0.0106	0.2827	0.0030	0.0000	0.2235
drug-06		0.3511	0.1854	0.2568	0.1981	0.6654
drug-07		0.0000	0.2857	0.0000	0.0000	0.3126
drug-08		0.0266	0.2781	0.0074	0.0000	0.3167
drug-09		0.0000	0.2857	0.0000	0.0000	0.1381
drug-10		0.0106	0.2827	0.0030	0.0000	0.3328
drug-11		0.0106	0.2827	0.0030	0.0000	0.1514
drug-12		0.0000	0.2857	0.0000	0.0000	0.1983
drug-13		0.0160	0.2812	0.0046	-0.0003	0.3621
drug-14		0.0053	0.2842	0.0015	0.0000	0.3226
drug-15		0.0266	0.2781	0.0155	0.0008	0.3478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.0000	0.2857	0.0000	0.0000	0.3392
drug-17		0.2500	0.2143	0.1503	0.0291	0.8202
drug-18		0.0053	0.9947	0.0053	0.0000	0.0152
drug-19		0.0053	0.2842	0.0015	0.0000	0.2040
drybean		0.8773	0.0351	0.7730	0.8512	0.1462
ecoli		0.7353	0.0882	0.6219	0.6396	0.2414
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU		0.7576	0.2424	0.6474	0.2281	0.5602
ecoliOM		0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce		0.2100	0.3950	0.2102	-0.0540	0.8786
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.8992	0.1008	0.8980	0.7956	0.4327
eeg10%		0.3080	0.0865	0.3048	0.2403	0.6542
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5753	0.1699	0.5739	0.4582	0.4553
euthyroid		0.7975	0.2025	0.7351	0.3758	0.5397
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.4725	0.5275	0.4727	-0.0544	1.0000
farm-ads		0.8961	0.1039	0.8956	0.7910	0.4423
fbis-wc		0.7886	0.0249	0.7306	0.7605	0.1903
fertility		0.6000	0.4000	0.3750	-0.1765	0.5613
finance		0.8235	0.1765	0.8228	0.6450	0.6189
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.1250	0.2917	0.0370	0.0000	0.3848
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.1346	0.4327	0.0593	0.0000	0.4133
gas		0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal		0.1875	0.5417	0.1053	0.0000	0.4117
gender		0.4905	0.3396	0.4365	0.1296	0.7446
gene		0.5110	0.3260	0.2255	0.0000	0.3731
german		0.6800	0.3200	0.6312	0.2575	0.8624
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.5101	0.4899	0.3378	0.0000	0.5269
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.0952	0.3016	0.0290	0.0000	0.3526
glass-g2		0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP		0.6667	0.3333	0.6777	0.3408	0.8132
glassBWNFP		0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers		0.0909	0.9091	0.0833	0.0000	0.2192
glassNW		0.2381	0.7619	0.1923	0.0000	0.4310
glassTableware		0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP		0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM		0.5789	0.4211	0.5843	0.1648	0.9308
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.8452	0.1548	0.8465	0.6880	0.5623
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.4667	0.2667	0.4812	0.2814	0.4949
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018
haberman		0.7000	0.3000	0.6011	0.2012	0.8607
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.7013	0.0853	0.5135	0.6080	0.3518
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth1%		0.4493	0.0918	0.0517	0.0000	0.2692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.1875	0.5417	0.1053	0.0000	0.4207
hcc-survival		0.5882	0.4118	0.3704	0.0000	0.5049
health-activity		0.0800	0.4600	0.0370	0.0000	0.2279
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.7742	0.2258	0.7741	0.5470	0.7087
heart-c		0.8333	0.1667	0.8326	0.6637	0.5926
heart-failure		0.9680	0.0320	0.9627	0.9249	0.1915
heart-quantum		0.7200	0.2800	0.7083	0.4167	0.8017
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs		0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6282	0.3718	0.6263	0.2526	0.9032
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.0714	0.2321	0.0167	0.0000	0.3977
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.7188	0.2812	0.7192	0.4375	0.7936
hiv1-proteasa		0.9073	0.0927	0.8273	0.6512	0.5143
hiva		0.9551	0.0449	0.5462	0.0765	0.5927
horse		0.3333	0.4444	0.3566	-0.0012	0.7223
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.7649	0.2351	0.5077	0.0155	0.7853
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.9777	0.0223	0.9297	0.8554	0.1927
hypothyroid		0.9284	0.0358	0.5939	0.6144	0.2343
hypothyroidT		0.9682	0.0318	0.8957	0.7892	0.4242
ilpd		0.5424	0.4576	0.6010	0.1629	0.7702
immuno-therapy		0.2222	0.7778	0.1818	0.0000	0.4150
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8571	0.1429	0.8291	0.6421	0.5116
iris		0.6000	0.2667	0.4826	0.3571	0.4189
irish		0.4400	0.5600	0.3056	0.0000	0.5299
isolet		0.0372	0.0741	0.0028	0.0000	0.4203
jm1		0.7998	0.2002	0.5969	0.1556	0.7240
jvowels		0.9588	0.0091	0.9572	0.9534	0.0349
kc1		0.8720	0.1280	0.7267	0.4389	0.6257
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007		0.8055	0.0556	0.8116	0.7731	0.2729
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.1180	0.0980	0.1973	0.1024	0.3717
krvskp		1.0000	0.0000	1.0000	1.0000	0.0000
la1s-wc		0.8571	0.0476	0.8315	0.8204	0.2611
la2s-wc		0.8841	0.0386	0.8776	0.8545	0.2036
labor		0.6667	0.3333	0.4000	0.0000	0.4644
leaf		0.1765	0.0716	0.1386	0.1477	0.2819

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.1000	0.1800	0.0182	0.0000	0.3852
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0380	0.0740	0.0028	0.0000	0.4195
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		0.4286	0.5714	0.3000	0.0000	0.5288
libra		0.1111	0.1185	0.0268	0.0424	0.4014
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.6765	0.3235	0.6049	0.2043	0.8743
loan		0.9110	0.0890	0.9047	0.8087	0.4035
localization		0.0316	0.1761	0.0056	0.0000	0.3471
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.0189	0.2803	0.0053	0.0000	0.3627
lung		0.0476	0.3810	0.0182	0.0000	0.2983
lung_discrete		0.2500	0.2143	0.0571	0.0000	0.3217
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		0.1111	0.2963	0.0333	0.0000	0.3682
machine-failure		0.9043	0.0957	0.9056	0.8064	0.4097
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.8233	0.1767	0.8103	0.5661	0.4409
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7292	0.2708	0.7342	0.4618	0.7625
marketing		0.8661	0.1339	0.7335	0.4669	0.6692
maternal		0.8218	0.1188	0.8277	0.7293	0.3776
math		0.1000	0.4500	0.0455	0.0000	0.3804
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1933	0.3227	0.1952	-0.0089	0.8712
messidor		0.6435	0.3565	0.6611	0.3051	0.8317
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		0.5556	0.2963	0.5333	0.4000	0.1667
meter-C		0.1111	0.4444	0.0500	0.0000	0.4142
meter-D		0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.4450	0.1110	0.4522	0.3833	0.3022
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.1800	0.1640	0.0783	0.0889	0.3880
mice-prot		0.1296	0.2176	0.0287	0.0000	0.4029
milk		0.4057	0.3962	0.1924	0.0000	0.3990
mines		0.7941	0.0824	0.7928	0.7416	0.2338
mobile		0.0175	0.0351	0.0006	0.0000	0.4297
monks-1		0.4909	0.5091	0.3293	0.0000	0.5293
monks-2		0.9836	0.0164	0.9820	0.9633	0.0783
monks-3		0.8750	0.1250	0.8752	0.7500	0.4986
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.5178	0.4822	0.3412	0.0000	0.5256
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.9848	0.0152	0.9724	0.9438	0.2026
MUT_ci300400a_cdk_ECFP2		0.8213	0.1787	0.8164	0.6328	0.6291

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.7976	0.2024	0.7901	0.5770	0.6662
MUT_ci300400a_cdk_ESTATE		0.7722	0.2278	0.7635	0.5253	0.7167
MUT_ci300400a_cdk_EXTENDED		0.8094	0.1906	0.8039	0.6078	0.6529
MUT_ci300400a_cdk_FCFP2		0.8335	0.1665	0.8279	0.6552	0.6010
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.8273	0.1727	0.8213	0.6411	0.6113
MUT_ci300400a_cdk_MACCS		0.8345	0.1655	0.8303	0.6606	0.6015
MUT_ci300400a_cdk_PUBCHEM		0.8659	0.1341	0.8616	0.7230	0.5275
MUT_ci300400a_cdk_STANDARD		0.8132	0.1868	0.8066	0.6122	0.6424
MUT_ci300400a_rdkit_descriptors		0.8120	0.1880	0.8066	0.6118	0.6417
myocardial		0.0294	0.2426	0.0071	0.0000	0.1481
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.7619	0.1587	0.5045	0.2391	0.2470
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		0.9736	0.0264	0.9556	0.9072	0.2846
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4028	0.3981	0.3451	0.0521	0.8119
nursery		0.3542	0.3229	0.2867	0.2338	0.2666
obesity		0.8768	0.0352	0.8732	0.8561	0.1457
obs		0.9907	0.0046	0.9871	0.9862	0.0146
occupancy		0.9912	0.0088	0.9880	0.9757	0.1069
Occupancy_Estimation		0.1737	0.4131	0.2618	0.1143	0.3112
oh0-wc		0.7030	0.0594	0.6547	0.6613	0.2768
oh10-wc		0.6000	0.0800	0.5533	0.5434	0.3565
oh15-wc		0.5435	0.0913	0.5673	0.4922	0.3953
oh5-wc		0.5275	0.0945	0.5051	0.4716	0.4125
olive		0.1754	0.1832	0.1185	0.0962	0.3135
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.1192	0.1762	0.0374	0.0209	0.4271
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.3600	0.6400	0.2647	0.0000	0.5117
ozone1hr		0.0356	0.9644	0.0344	0.0000	0.0956
ozone8hr		0.8814	0.1186	0.5517	0.1030	0.6959
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.8032	0.6054	0.6482
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8492	0.1508	0.8505	0.6987	0.5557
p53-mutants10%		0.0032	0.9968	0.0032	0.0000	0.0091
page-blocks		0.9598	0.0161	0.8167	0.7943	0.3087
parkinson		0.9500	0.0500	0.9482	0.8959	0.2600
parkinsons		0.7630	0.2370	0.7591	0.5132	0.7239
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.7192	0.2808	0.4183	0.0000	0.4269
pasture		0.5000	0.3333	0.2222	0.0000	0.3770
pc1		0.9279	0.0721	0.7306	0.4612	0.6104
pcmac		0.4536	0.5464	0.4459	-0.1079	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7500	0.2500	0.4286	0.0000	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pediatric-leukemia			0.2353	0.2185	0.0544	0.0000	0.3686
pendigits			0.9017	0.0197	0.9282	0.8908	0.0521
period			0.3333	0.6667	0.2500	0.0000	0.5000
period-10f			0.3333	0.6667	0.2500	0.0000	0.5000
persistency			0.7697	0.2303	0.7516	0.5023	0.7314
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.8150	0.1850	0.7900	0.5800	0.6635
phishing			0.9633	0.0367	0.9616	0.9231	0.2202
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.8208	0.0512	0.8105	0.7903	0.1753
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%			0.8392	0.0459	0.8259	0.8118	0.1866
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.8481	0.1519	0.8435	0.6657	0.5517
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6842	0.3158	0.6560	0.2808	0.7925
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.5789	0.4211	0.5778	0.1556	0.9466
plrx			0.6111	0.3889	0.5439	0.0870	0.8978
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.0020	0.2852	0.0006	0.0000	0.2637
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9175	0.0825	0.6294	0.2361	0.5649
polish-2nd			0.9302	0.0698	0.5087	0.0173	0.6315
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9071	0.0929	0.6147	0.2239	0.6279
polish-5th			0.8731	0.1269	0.6735	0.3176	0.6114
polya			0.6389	0.3611	0.6045	0.2090	0.9012
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.0000	0.6667	0.0000	0.0000	0.3386
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.7500	0.2500	0.7643	0.5000	0.6660
prestige			0.4444	0.3704	0.4167	0.2105	0.3684
primary-tumor			0.0909	0.1399	0.0577	0.0323	0.4100
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7761	0.2239	0.7493	0.4983	0.7315
promoters			0.4000	0.6000	0.2857	0.0000	0.5239
prostate			0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9813	0.0075	0.9686	0.9749	0.0483
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.7667	0.2333	0.7945	0.5333	0.5355
re0-wc			0.7933	0.0318	0.8586	0.7297	0.2153
re1-wc			0.6566	0.0275	0.4874	0.6099	0.2992
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.4577	0.5423	0.3140	0.0000	0.5307
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.0875	0.3650	0.0322	0.0000	0.4005
rocket			0.6038	0.3962	0.6710	0.2713	0.7081
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimage			0.7263	0.0912	0.7488	0.6731	0.1895
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.8865	0.1135	0.7930	0.5458	0.5865
scadi			0.2857	0.2857	0.2074	0.1667	0.2293
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			0.5556	0.4444	0.3571	0.0000	0.5164
secom			0.0641	0.9359	0.0602	0.0000	0.1629
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.6667	0.2222	0.5714	0.5000	0.1761
segment			0.8355	0.0470	0.7815	0.8071	0.1043
segmentation			0.8119	0.1881	0.8010	0.5999	0.6545
segmentO			0.9827	0.0173	0.9681	0.9342	0.2317
seismic			0.8953	0.1047	0.5863	0.1725	0.6696
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.7500	0.2500	0.5575	0.1100	0.7347
sens-2-gram			0.8026	0.1974	0.6311	0.2563	0.7266
sens-3-gram			0.8395	0.1605	0.6208	0.2395	0.7391
sens-4-gram			0.8263	0.1737	0.5857	0.1695	0.7589
sens-5-gram			0.8684	0.1316	0.6669	0.3205	0.6765
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8581	0.1419	0.7378	0.4748	0.6751
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.8886	0.1114	0.7370	0.4223	0.5790
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9967	0.0033	0.9950	0.9901	0.0456
smarket			0.9280	0.0720	0.9285	0.8561	0.3394
smart-farming			0.1400	0.4300	0.1394	-0.1510	0.9066
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2033	0.3187	0.2033	0.0036	0.8698
solar-flare			0.4532	0.1823	0.5014	0.3195	0.4024
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.3382	0.0697	0.1066	0.2373	0.2831
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9043	0.0957	0.9000	0.8000	0.4290
spect			0.8148	0.1852	0.7091	0.2373	0.3439
spectf			0.2857	0.7143	0.2222	0.0000	0.4711
spectrometer			0.0192	0.0727	0.0014	0.0000	0.4054
splice-EI			0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE			0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles			0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored			0.2000	0.5333	0.1111	0.0000	0.4227
squash-unstored			0.0000	0.6667	0.0000	0.0000	0.3619
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8308	0.1692	0.7666	0.5284	0.6744
steel-d			0.9692	0.0308	0.8180	0.6100	0.5473
steel-k			0.9744	0.0256	0.9604	0.9206	0.1989
steel-o			0.8000	0.2000	0.7777	0.5551	0.6857
steel-p			0.9333	0.0667	0.7482	0.4840	0.5404
steel-s			0.9692	0.0308	0.8280	0.6507	0.5227
steel-z			0.9487	0.0513	0.8853	0.7545	0.4850
stellar			0.5945	0.2703	0.2486	0.0000	0.3397

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stock			0.1806	0.8194	0.1529	0.0000	0.3656
stockb			0.8987	0.0675	0.9107	0.8480	0.1288
streaming			0.8880	0.1120	0.8866	0.7726	0.4634
stress			0.2063	0.3175	0.0684	0.0000	0.4010
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0600	0.3760	0.0424	-0.0009	0.4873
student-weekend			0.0615	0.3754	0.0232	0.0000	0.3988
student-workday			0.0156	0.3937	0.0062	0.0000	0.2633
studentap			0.4615	0.3590	0.4553	0.1574	0.6947
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.7109	0.0526	0.6402	0.6793	0.1137
theorem			0.4173	0.5827	0.2945	0.0000	0.5272
thoracic			0.6383	0.3617	0.5403	0.0677	0.6990
thrombin			0.9895	0.0105	0.8552	0.6619	0.0402
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.3368	0.6632	0.2520	0.0000	0.5017
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.7364	0.2636	0.7103	0.4184	0.7820
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f			0.5882	0.4118	0.4903	-0.0171	0.9466
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.4603	-0.0628	0.8856
trec11-wc			0.7561	0.0542	0.7155	0.6965	0.1926
trec12-wc			0.8065	0.0484	0.8210	0.7628	0.1195
trec21-wc			0.9091	0.0364	0.5873	0.8036	0.1816
trec23-wc			0.6190	0.1270	0.6367	0.4862	0.2489
trec31-wc			0.9140	0.0287	0.8671	0.8871	0.1551
trec41-wc			0.7273	0.0545	0.5994	0.6577	0.1830
trec45-wc			0.6667	0.0667	0.6107	0.6089	0.2705
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.2500	0.3750	0.1000	0.0000	0.4042
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.8000	0.2000	0.7896	0.5779	0.6761
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9020	0.0980	0.6670	0.2570	0.4770
ur3_cobotops_stop			0.9075	0.0925	0.7589	0.3991	0.4772
urban			0.0896	0.2023	0.0183	0.0000	0.3868
urinalysis			0.9371	0.0629	0.7192	0.4373	0.6096
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7738	0.1131	0.7417	0.6957	0.2289
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.8372	0.1628	0.8410	0.6753	0.5648
vowel			0.5152	0.0882	0.4619	0.4667	0.2650
vowelZ			0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.5705	0.0429	0.4658	0.5339	0.3234

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
warpar10p			0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.7984	0.0576	0.8025	0.7641	0.2112
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2833	0.3583	0.2805	0.0460	0.8312
waveform			0.3260	0.4493	0.1639	0.0000	0.4176
weather-related			0.2712	0.1325	0.2352	0.1727	0.3730
web-phishing			0.8222	0.1185	0.7607	0.6932	0.4714
Weekly			0.9722	0.0278	0.9719	0.9436	0.1670
weight-lift			0.8245	0.0702	0.8296	0.7760	0.1443
white-clover			0.3333	0.6667	0.2500	0.0000	0.5000
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9234	0.0766	0.8073	0.5313	0.5223
wine			0.1765	0.5490	0.1000	0.0000	0.3845
winequality-red			0.0063	0.3312	0.0021	0.0000	0.3238
winequality-white			0.0000	0.2857	0.0000	0.0000	0.3255
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9123	0.0877	0.9091	0.8017	0.2562
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.0000	0.2000	0.0000	0.0000	0.3504
yeastCYT-POX			0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC			0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1			0.9527	0.0473	0.6808	0.3410	0.5673
yeastME2			0.9392	0.0608	0.5817	0.1527	0.6285
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 81: Detailed results for ID3

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1175	0.0609	0.0870	0.0379	0.6328
abalone19		0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9803	0.0197	0.7113	0.4224	0.5499
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
ads		0.9665	0.0335	0.9299	0.8597	0.2996
adult		0.8192	0.1808	0.7477	0.4953	0.6982
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_KlekotaRothFingerprinter		0.8254	0.1746	0.4522	-0.0957	0.7098
AID_1431_MACCSFingerprinter		0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1878		0.7810	0.2190	0.5517	0.0938	0.8044
AID_602330		0.8906	0.1094	0.4711	-0.0544	0.5496
AID_652128		0.8586	0.0943	0.4253	0.2351	0.3823
AID1284Morered		0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red		0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered		0.8447	0.1553	0.4579	-0.0828	0.6424
AID1608red		0.8544	0.1456	0.4607	-0.0752	0.5990
AID362red		0.9813	0.0187	0.4953	-0.0071	0.5505
AID373AID439red		0.9990	0.0010	0.4997	-0.0003	0.2203
AID373red		0.9982	0.0018	0.4995	-0.0009	0.5226
AID439Morered		0.8571	0.1429	0.8250	0.5882	0.5283
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9950	0.0050	0.4987	-0.0024	0.5429
AID604		0.9986	0.0014	0.8979	0.7930	0.2577
AID604AID644_AllRed		0.9992	0.0008	0.7740	0.5450	0.4502
AID644Morered		0.7000	0.3000	0.6098	0.2105	0.8520
AID644red		0.7500	0.2500	0.7174	0.4318	0.7663
AID687AID721red		0.9973	0.0027	0.4993	-0.0009	0.2855
AID687red		0.9943	0.0057	0.5463	0.0924	0.5227
AID688red		0.9823	0.0177	0.4955	-0.0089	0.5445
AID721morered		0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red		0.4444	0.5556	0.4696	-0.0465	0.7758
AID746AID1284red		0.9985	0.0015	0.4996	-0.0007	0.5338
AID746red		0.9886	0.0114	0.5836	0.1651	0.5311
aids		0.8732	0.1268	0.8232	0.6450	0.5652
air_pollution		0.2100	0.2257	0.1280	-0.0230	0.9000
air-booking		0.7924	0.2076	0.5705	0.1405	0.7867
airline		0.9501	0.0499	0.9492	0.8983	0.2667
alcohol		0.8286	0.0686	0.4759	0.6049	0.2973
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.9349	0.0651	0.9285	0.8541	0.2971
anneal		0.9663	0.0135	0.9627	0.9297	0.1089
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9652	0.0174	0.9280	0.9335	0.1014
anuran-genus		0.9485	0.0129	0.8498	0.9150	0.1600
anuran-species		0.9514	0.0097	0.9040	0.9325	0.1457
anxiety		0.1250	0.1944	0.1223	0.0131	0.7798
apple-quality		0.8200	0.1800	0.8206	0.6400	0.6214
aps-failure		0.9900	0.0100	0.8558	0.7113	0.4069
arabidopsis		0.9842	0.0158	0.5344	0.0685	0.5332
arabidopsis0.1%		0.9824	0.0176	0.4955	-0.0089	0.5348
arabidopsis1%		0.9806	0.0194	0.5104	0.0200	0.4813
arabidopsis10%		0.9833	0.0167	0.5195	0.0387	0.5226

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.9000	0.1000	0.9010	0.7826	0.2846
arrhythmia		0.6444	0.0547	0.4156	0.4541	0.3100
auction		0.9951	0.0049	0.9889	0.9776	0.0238
audiology		0.8261	0.0145	0.3747	0.8000	0.0474
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7634	0.8693	0.0386
avila		0.9923	0.0013	0.9804	0.9900	0.0454
babies		0.2742	0.2074	0.1301	-0.0874	0.5841
balance		0.8548	0.0968	0.5935	0.7302	0.3597
bank		0.8895	0.1105	0.7214	0.4427	0.6536
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8065	0.1935	0.7879	0.5750	0.6686
basehock		0.9347	0.0653	0.9349	0.8694	0.3196
bio		0.9952	0.0048	0.8663	0.7324	0.4085
bio10%		0.9925	0.0076	0.8105	0.6169	0.5081
biodeg		0.8190	0.1810	0.8060	0.6107	0.6368
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9841	0.0011	0.1298	0.4318	1.0000
bitcoin1%		0.9763	0.0016	0.1161	0.3096	0.4087
bitcoin10%		0.9825	0.0012	0.1218	0.3906	0.6019
body-perf		0.6567	0.1716	0.6579	0.5423	0.5021
bookings		0.9880	0.0080	0.7867	0.9747	0.1069
brain-tumor		0.4910	0.5090	0.4909	-0.0182	1.0000
breast-cancer		0.6786	0.3214	0.6506	0.2921	0.8190
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.3636	0.6364	0.3446	-0.3051	1.0000
breast-tissue		0.7273	0.0909	0.7081	0.6667	0.1559
bridges		0.7000	0.0857	0.5073	0.5946	0.1534
bub10at310k-hg16-17		0.9089	0.0911	0.6397	0.2294	0.5747
bub12at310k-hg16-17		0.8721	0.1279	0.6222	0.2443	0.6961
bub8at310k-hg16-17		0.8709	0.1291	0.6439	0.2856	0.6848
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4080	0.3947	0.3296	-0.0309	0.8128
car		0.9540	0.0230	0.9276	0.9043	0.1923
car-insurance		0.8050	0.1950	0.7727	0.5454	0.6888
card		0.7681	0.2319	0.7603	0.5196	0.7249
cardiotocography		0.8310	0.0338	0.7871	0.7987	0.2111
cardiotocography-nsp		0.9155	0.0563	0.8575	0.7717	0.3574
cardiovascular		0.6486	0.3514	0.6489	0.2972	0.8802
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.9000	0.0667	0.8471	0.8178	0.2204
cas_N6512_cdk_ECFP2		0.7051	0.2949	0.7103	0.4144	0.7962
cas_N6512_rdkit_ATOMPAIR		0.7062	0.2938	0.7040	0.4078	0.8142
cas_N6512_RDkit_AtomPair_FP		0.7193	0.2807	0.7171	0.4339	0.7962
cas_N6512_rdkit_AVALON		0.7588	0.2412	0.7571	0.5141	0.7373
cas_N6512_RDkit_Avalon_FP		0.7592	0.2408	0.7584	0.5166	0.7358
cas_N6512_rdkit_descriptors		0.7369	0.2631	0.7356	0.4711	0.7709
cas_N6512_rdkit_FEATMORGAN		0.7389	0.2611	0.7374	0.4748	0.7681
cas_N6512_RDkit_Featmorgan_FP		0.7362	0.2638	0.7348	0.4695	0.7720
cas_N6512_RDkit_FP		0.7117	0.2883	0.7111	0.4218	0.8050
cas_N6512_rdkit_LAYERED		0.7323	0.2677	0.7316	0.4630	0.7764
cas_N6512_RDkit_Layered_FP		0.7515	0.2485	0.7494	0.4982	0.7477

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7558	0.2442	0.7535	0.5055	0.7388
cas_N6512_RDkit_MACCS_FP		0.7715	0.2285	0.7718	0.5425	0.7127
cas_N6512_rdkit_MORGAN		0.7446	0.2554	0.7423	0.4837	0.7577
cas_N6512_RDkit_morgan_FP		0.7178	0.2822	0.7158	0.4314	0.7985
cas_N6512_rdkit_PATTERN		0.7400	0.2600	0.7400	0.4793	0.7634
cas_N6512_RDkit_pattern_FP		0.7362	0.2638	0.7373	0.4728	0.7662
cas_N6512_rdkit_RDKITFP		0.7112	0.2888	0.7091	0.4181	0.8074
cas_N6512_rdkit_TORSION		0.7323	0.2677	0.7336	0.4652	0.7711
ccds		0.9325	0.0675	0.6149	0.2266	0.6118
ccds1%		0.9148	0.0852	0.5634	0.1201	0.5748
ccds10%		0.9216	0.0784	0.5586	0.1140	0.5932
cdc_diabetes		0.8058	0.1295	0.4016	0.1938	0.6188
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7513	0.2487	0.7426	0.4795	0.7435
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9642	0.0358	0.7686	0.5333	0.5112
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9321	0.0679	0.5443	0.0827	0.6485
CDS49_AID687_Rdkit-ecfp4-fp		0.9964	0.0036	0.4991	-0.0016	0.5401
census		0.9362	0.0638	0.7259	0.4515	0.5998
census10%		0.9382	0.0618	0.7172	0.4341	0.6020
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.9070	0.0930	0.5792	0.1527	0.6760
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7962	0.5764	0.5664
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9193	0.0403	0.9088	0.8793	0.1836
chrom19		0.9997	0.0003	0.9174	0.8347	0.2948
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9994	0.0006	0.8601	0.7176	0.4463
chrom21		0.9995	0.0005	0.4999	-0.0002	0.4119
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9990	0.0010	0.4997	-0.0004	0.2927
chronic-kidney		0.9036	0.0964	0.6889	0.3762	0.6516
churn		0.7950	0.2050	0.6896	0.3790	0.7520
churn-bigml		0.9438	0.0562	0.8810	0.7567	0.3620
ci900367j_MACCS		0.6842	0.3158	0.6860	0.3636	0.8144
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.6613	0.4889	0.5343
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7444	0.1278	0.5811	0.6109	0.5270
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5510	0.2993	0.5188	0.2945	0.7100
cnae-9		0.8889	0.0247	0.8906	0.8750	0.1218
codon_usage		0.8143	0.0338	0.6176	0.7743	0.3455
coil20		0.8958	0.0104	0.9006	0.8903	0.0698
college		0.9221	0.0779	0.9055	0.8092	0.4196
collins		0.9600	0.0053	0.8888	0.9560	0.0124
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7241	0.2759	0.6947	0.3895	0.8063
colposcopies-2		0.7586	0.2414	0.7403	0.4377	0.6462
colposcopies-3		0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6		0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c		0.6207	0.3793	0.5499	0.0963	0.8547
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5317	0.4683	0.5314	0.0318	0.7805
comedy_comparisons1%		0.5154	0.4846	0.4931	-0.0021	0.6490
comedy_comparisons10%		0.5211	0.4789	0.5273	0.0094	0.6303
connect-4		0.9805	0.0130	0.7013	0.5612	0.4703
cottonmeloidogyne		0.6923	0.3077	0.6942	0.3853	0.8227
coupon		0.6877	0.3123	0.6801	0.3600	0.8404
covid19		0.5334	0.1333	0.2123	0.1794	0.5167
covtype		0.9431	0.0163	0.9114	0.9086	0.1597
covtype10%		0.8308	0.0483	0.7619	0.7273	0.3434
covtypeCD		0.9866	0.0134	0.9716	0.9432	0.1648
covtypeT		0.9787	0.0213	0.9178	0.8356	0.3229
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9991	0.0009	0.8660	0.7307	0.3491
creditcard_trans10%		0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced		0.9014	0.0329	0.7946	0.7951	0.3587
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.1875	0.0406	0.1036	0.1672	0.1301
customer-churn		0.9754	0.0246	0.6878	0.3755	0.5665
cybersecurity		0.1367	0.2878	0.1360	-0.0373	0.8953
cyclopentane		0.5926	0.4074	0.6000	0.1951	0.9130
cylinder-bands		0.7778	0.2222	0.7761	0.5506	0.7038
darwin		0.7222	0.2778	0.7358	0.4444	0.7161
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0922	0.1816	0.0921	-0.0086	0.9332
day1%		0.9745	0.0255	0.9723	0.9444	0.1631
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.7343	0.2657	0.6169	0.2338	0.8222
defect		0.9321	0.0679	0.8704	0.7399	0.4407
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8702	0.1298	0.6861	0.3722	0.6883
depressed		0.7203	0.2797	0.4993	-0.0014	0.8265
dermatology		0.9189	0.0270	0.9220	0.8987	0.0899
desharnais		0.5000	0.3333	0.5588	0.2381	0.5156
dexter		0.9167	0.0833	0.9169	0.8333	0.3792
df_final		0.5000	0.3333	0.5723	0.2558	0.4749
DIA		0.7667	0.2333	0.7029	0.4043	0.7642
diabetes		0.9038	0.0962	0.8978	0.7950	0.4246
diabetes-100k		0.9568	0.0432	0.8559	0.7109	0.4356
diabetes-risk		0.8829	0.1171	0.8218	0.6436	0.5745
diabetic		0.5073	0.3285	0.3976	0.1180	0.7738
diabetic1%		0.4902	0.3399	0.3873	0.0861	0.7721
diabetic10%		0.4872	0.3418	0.3818	0.0766	0.7711
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7293	0.1083	0.7357	0.6204	0.4013
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9920	0.0080	0.5246	0.0440	0.4223
dna1%		0.9926	0.0074	0.5178	0.0328	0.4369
dna10%		0.9932	0.0068	0.5269	0.0510	0.4634
dorothea		0.9217	0.0783	0.7647	0.5285	0.5845
dota2		0.5153	0.4847	0.5145	0.0291	0.9903
dota210%		0.5087	0.4913	0.5069	0.0137	0.9951
drebin		0.9734	0.0266	0.9720	0.9434	0.1787
dropout		0.7223	0.1851	0.6646	0.5501	0.5405

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-01			0.3457	0.1869	0.2296	0.0816	0.7005
drug-02			0.3936	0.1733	0.1777	0.0953	0.7545
drug-03			0.5479	0.1292	0.1390	0.0001	0.5228
drug-04			0.4415	0.1596	0.2652	0.1517	0.7916
drug-05			0.5904	0.1170	0.1201	-0.0287	0.6618
drug-06			0.3191	0.1945	0.2543	0.1749	0.6990
drug-07			0.3936	0.1733	0.1619	0.0565	0.6515
drug-08			0.4202	0.1657	0.1585	0.0562	0.6955
drug-09			0.8138	0.0532	0.1744	0.1533	0.6122
drug-10			0.4468	0.1581	0.1861	0.1208	0.8279
drug-11			0.7979	0.0578	0.2032	0.1241	0.6360
drug-12			0.6809	0.0912	0.2384	0.0857	0.6536
drug-13			0.5000	0.1429	0.1526	0.1440	0.7352
drug-14			0.5426	0.1307	0.2564	0.2398	0.6671
drug-15			0.6809	0.0912	0.1890	0.1339	0.7746
drug-16			0.5266	0.1353	0.2647	0.2745	0.5887
drug-17			0.2394	0.2173	0.1502	0.0341	0.8462
drug-18			0.9947	0.0021	0.1995	0.0000	0.0076
drug-19			0.6862	0.0897	0.1686	0.1205	0.5231
drybean			0.8913	0.0311	0.9093	0.8687	0.1705
ecoli			0.7941	0.0515	0.4754	0.7119	0.1654
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU			0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM			0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce			0.2700	0.3650	0.2752	0.0276	0.8319
eeg			0.3878	0.0765	0.3915	0.3233	0.7187
eeg-eye			0.8311	0.1689	0.8290	0.6577	0.6035
eeg10%			0.2961	0.0880	0.2571	0.2206	0.7323
email_phishing			0.9872	0.0128	0.7101	0.4058	0.4849
eucalyptus			0.6301	0.1479	0.6282	0.5287	0.4267
euthyroid			0.9557	0.0443	0.8683	0.7344	0.3988
exon.vs.intron-freq			0.9636	0.0364	0.9635	0.9270	0.2108
exon.vs.intron-freq10%			0.9287	0.0713	0.9285	0.8570	0.3435
fakenews			0.5400	0.4600	0.5400	0.0800	0.9753
farm-ads			0.8527	0.1473	0.8520	0.7041	0.5555
fbis-wc			0.7154	0.0335	0.6006	0.6784	0.2834
fertility			0.8000	0.2000	0.4444	-0.1111	0.7317
finance			0.7255	0.2745	0.7230	0.4324	0.7568
financial-risk			0.9155	0.0282	0.7151	0.8667	0.1686
fishcatch			0.8750	0.0417	0.8833	0.8416	0.1096
flags			0.5000	0.1250	0.3257	0.3769	0.3036
fonts			0.8104	0.0025	0.6283	0.8019	0.3186
fonts10%			0.6177	0.0050	0.3306	0.6006	0.4774
forest			0.8846	0.0577	0.8691	0.8411	0.1798
gas			0.9799	0.0067	0.9788	0.9756	0.0474
gastrointestinal			0.6250	0.2500	0.5916	0.3846	0.5695
gender			0.5179	0.3214	0.4164	0.0788	0.7464
gene			0.9054	0.0631	0.8933	0.8474	0.2610
german			0.6400	0.3600	0.5890	0.1762	0.9067
gestures			0.7791	0.1104	0.7791	0.7055	0.3792
gina			0.8847	0.1153	0.8847	0.7694	0.4747
gisette			0.9543	0.0457	0.9544	0.9086	0.2468
glass			0.7143	0.0952	0.7042	0.6075	0.2841
glass-g2			0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP			0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP			0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers			0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.8947	0.1053	0.8944	0.7889	0.4478
gli_85		0.8750	0.1250	0.8730	0.7143	0.4644
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8452	0.1548	0.8403	0.6803	0.5766
green		0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage		0.4667	0.2667	0.3803	0.2547	0.5134
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.9195	0.0134	0.7742	0.9049	0.1077
har		0.9628	0.0149	0.9608	0.9529	0.0902
har70		0.9083	0.0262	0.6186	0.8652	0.3361
har701%		0.8801	0.0343	0.5713	0.8238	0.3442
har7010%		0.8983	0.0291	0.5745	0.8501	0.3389
harth		0.8675	0.0221	0.6275	0.8203	0.2595
harth1%		0.8318	0.0280	0.5425	0.7723	0.3099
harth10%		0.8523	0.0246	0.5926	0.7997	0.2826
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.4118	0.5882	0.4338	-0.1184	0.9827
health-activity		0.6600	0.1700	0.2576	0.0738	0.5669
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8065	0.1935	0.8199	0.6189	0.5820
heart-c		0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure		0.9720	0.0280	0.9674	0.9341	0.1602
heart-quantum		0.8600	0.1400	0.8557	0.7107	0.5461
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.8184	0.1816	0.8185	0.6369	0.6283
hepmass1%		0.8023	0.1977	0.8023	0.6045	0.6600
hepmass10%		0.8122	0.1878	0.8122	0.6243	0.6408
hERG-121inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs		0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.6696	0.3304	0.6691	0.3379	0.8579
higgs0.1%		0.6118	0.3882	0.6106	0.2213	0.9181
higgs1%		0.6316	0.3684	0.6305	0.2610	0.8991
higgs10%		0.6497	0.3503	0.6487	0.2974	0.8806
higher		0.2143	0.1964	0.1190	0.0778	0.3589
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8567	0.1433	0.7298	0.4565	0.6680
hiva		0.9480	0.0520	0.5310	0.0583	0.6284
horse		0.6667	0.2222	0.6369	0.4368	0.6085
hotel-reservartions		0.8809	0.1191	0.8645	0.7291	0.5127
hr		0.7825	0.2175	0.5768	0.1523	0.7601
ht-sensor		0.9997	0.0002	0.9997	0.9995	0.0021
ht-sensor10%		0.9970	0.0020	0.9971	0.9955	0.0149
htru2		0.9704	0.0296	0.9123	0.8245	0.3590
hypothyroid		0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9707	0.0147	0.9708	0.9609	0.0663
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.7792	0.0170	0.7825	0.7704	0.1905

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.7631	0.2369	0.6098	0.2192	0.8060
jvowels		0.8685	0.0292	0.8623	0.8509	0.1941
kc1		0.8246	0.1754	0.6467	0.2918	0.7451
kc1-class-level-defectiveornot		0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect		0.5714	0.0357	0.0370	0.2500	0.1497
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7308	0.2692	0.5965	0.1929	0.8287
kdc-4007		0.5810	0.1047	0.5118	0.5108	0.4989
kddcup98		0.8994	0.1006	0.5001	0.0002	0.6359
kddcup981%		0.8947	0.1053	0.4722	-0.0556	0.6436
kddcup9810%		0.8953	0.1047	0.5008	0.0015	0.6307
kddcup99		1.0000	0.0000	0.6396	0.9999	0.0033
kddcup991%		0.9980	0.0002	0.4681	0.9966	0.0096
kddcup9910%		0.9996	0.0000	0.7130	0.9994	0.0402
kepler		0.8609	0.0927	0.8127	0.7710	0.2571
kidney		0.6495	0.1402	0.1899	-0.0159	0.7991
kidney-disease		0.9250	0.0750	0.9216	0.8421	0.3697
krkopt		0.7440	0.0284	0.7480	0.7143	0.3006
krvskp		0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc		0.7714	0.0762	0.7427	0.7102	0.3545
la2s-wc		0.7715	0.0762	0.7415	0.7105	0.3527
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6176	0.0191	0.3219	0.5985	0.0735
led24		0.6500	0.0700	0.6162	0.6034	0.1921
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8810	0.0092	0.8821	0.8762	0.1346
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.7222	0.0370	0.7039	0.7017	0.1022
linkage		1.0000	0.0000	0.9988	0.9976	0.0117
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0001
liver		0.6176	0.3824	0.5940	0.1845	0.8870
loan		0.9836	0.0164	0.9825	0.9651	0.1160
localization		0.6989	0.0547	0.4918	0.6228	0.5575
localization10%		0.6159	0.0698	0.3648	0.5162	0.6319
lrs		0.8113	0.0377	0.4010	0.7374	0.1438
lung		0.8571	0.0571	0.7778	0.6986	0.1108
lung_discrete		0.6250	0.1071	0.5000	0.5636	0.1245
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.7099	0.7790	0.0679
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0494	0.3810	0.7000	0.0587
machine-failure		0.8830	0.1170	0.8796	0.7544	0.4568
madelon		0.7654	0.2346	0.7658	0.5308	0.7231
magic04		0.8301	0.1699	0.8121	0.6240	0.6248
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7604	0.2396	0.7598	0.5196	0.7338
marketing		0.8571	0.1429	0.7085	0.4168	0.6897
maternal		0.7822	0.1452	0.7849	0.6711	0.4366
math		0.8250	0.0875	0.7636	0.7315	0.3244
mba		0.7677	0.1548	0.3921	0.1726	0.6312
mental-disorders		0.8333	0.0833	0.8333	0.7778	0.1667
mental-health		0.2200	0.3120	0.2200	0.0236	0.8652

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
messidor		0.6174	0.3826	0.6146	0.2287	0.9097
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.7875	0.7702	0.2056
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.9050	0.0190	0.9071	0.8944	0.1013
mfeat-fou		0.7600	0.0480	0.7600	0.7333	0.2155
mfeat-kar		0.8050	0.0390	0.8117	0.7833	0.2079
mfeat-mor		0.6900	0.0620	0.6883	0.6556	0.2195
mfeat-pix		0.8700	0.0260	0.8753	0.8556	0.1488
mfeat-zer		0.6250	0.0750	0.6353	0.5833	0.3087
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5882	0.1647	0.5799	0.4854	0.4007
mobile		0.6434	0.0127	0.6584	0.6369	0.1626
monks-1		0.7273	0.2727	0.7319	0.4562	0.7625
monks-2		0.9672	0.0328	0.9641	0.9257	0.1307
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.3989	0.1093	0.4605	0.2875	0.6279
musk		0.9394	0.0606	0.8781	0.7522	0.3854
MUT_ci300400a_cdk_ECFP2		0.7446	0.2554	0.7505	0.4916	0.7326
MUT_ci300400a_cdk_ECFP4		0.7772	0.2228	0.7702	0.5403	0.7116
MUT_ci300400a_cdk_ECFP6		0.7389	0.2611	0.7307	0.4612	0.7727
MUT_ci300400a_cdk_ESTATE		0.7590	0.2410	0.7504	0.5001	0.7410
MUT_ci300400a_cdk_EXTENDED		0.8082	0.1918	0.8047	0.6087	0.6530
MUT_ci300400a_cdk_FCFP2		0.7952	0.2048	0.7895	0.5789	0.6797
MUT_ci300400a_cdk_FCFP4		0.7566	0.2434	0.7525	0.5041	0.7419
MUT_ci300400a_cdk_FCFP6		0.7662	0.2338	0.7610	0.5217	0.7286
MUT_ci300400a_cdk_MACCS		0.8118	0.1882	0.8083	0.6159	0.6462
MUT_ci300400a_cdk_PUBCHEM		0.8204	0.1796	0.8145	0.6287	0.6300
MUT_ci300400a_cdk_STANDARD		0.8228	0.1772	0.8169	0.6336	0.6251
MUT_ci300400a_rdkit_descriptors		0.7857	0.2143	0.7858	0.5685	0.6853
myocardial		0.8353	0.0412	0.2827	0.3378	0.3894
naticusdroid		0.9683	0.0317	0.9683	0.9366	0.1889
NCI60		0.5000	0.1667	0.4545	0.4000	0.1541
nci9		0.3333	0.1481	0.2222	0.2500	0.1458
ncRNA		0.9446	0.0058	0.7448	0.8548	0.6117
ncRNA1%		0.8803	0.0126	0.4517	0.6880	0.8530
ncRNA10%		0.9162	0.0088	0.5998	0.7793	0.7683
neo		0.9036	0.0964	0.7163	0.4322	0.6395
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.6975	0.0138	0.6752	0.6878	0.2443
newspop		0.5971	0.4029	0.5956	0.1912	0.9314
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9539	0.0461	0.9433	0.8865	0.2789
NPHA-doctor-visits		0.5139	0.3241	0.4598	0.1373	0.7020
nursery		0.9877	0.0049	0.7812	0.9819	0.0418
obesity		0.9526	0.0135	0.9531	0.9447	0.0658
obs		0.9815	0.0093	0.9872	0.9727	0.0458
occupancy		0.9912	0.0088	0.9877	0.9754	0.0938
Occupancy_Estimation		0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc		0.8317	0.0337	0.8201	0.8065	0.1562
oh10-wc		0.7143	0.0571	0.7107	0.6745	0.2751
oh15-wc		0.7283	0.0543	0.7111	0.6918	0.2469
oh5-wc		0.7582	0.0484	0.7572	0.7282	0.2433

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.6389	0.0722	0.6304	0.5961	0.4437
olive		0.8947	0.0234	0.9009	0.8669	0.0977
opn310k		0.8790	0.1210	0.6389	0.2777	0.6895
opn310k10%		0.8827	0.1173	0.6133	0.2255	0.6960
opnat310k-hg16-17		0.9094	0.0906	0.6641	0.3022	0.6075
optdigits		0.9057	0.0189	0.9095	0.8952	0.1302
optdigitsZ		0.9911	0.0089	0.9728	0.9456	0.1683
orl		0.5750	0.0213	0.5396	0.5641	0.0817
orlraws10P		0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer		0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr		0.9526	0.0474	0.6544	0.3087	0.6063
ozone8hr		0.8893	0.1107	0.5066	0.0123	0.7070
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7526	0.2474	0.7244	0.4489	0.7673
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8492	0.1508	0.8488	0.6975	0.5632
p53-mutants		0.9927	0.0073	0.6273	0.2544	0.5461
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9799	0.0080	0.9239	0.8879	0.2249
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.9100	0.0900	0.9039	0.8073	0.4094
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.8950	0.1050	0.8703	0.7405	0.4949
particle10%		0.8846	0.1154	0.8567	0.7133	0.5224
pasture		0.7500	0.1667	0.8333	0.6364	0.1981
pc1		0.8919	0.1081	0.5959	0.1917	0.6792
pcmac		0.4897	0.5103	0.4870	-0.0259	0.9921
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8289	0.1711	0.7680	0.5357	0.6714
pediatric-leukemia		0.6176	0.1092	0.5243	0.5242	0.2920
pendigits		0.9691	0.0062	0.9687	0.9656	0.0511
period		0.8889	0.1111	0.8953	0.7692	0.4011
period-10f		0.5556	0.4444	0.5791	0.1429	0.8628
persistency		0.7289	0.2711	0.7175	0.4336	0.7857
personalities		0.6542	0.0432	0.6547	0.6311	0.4408
pet-adoption		0.9200	0.0800	0.9095	0.8191	0.3963
phishing		0.9510	0.0490	0.9485	0.8965	0.2569
PhiUSIIL		1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc		0.9947	0.0015	0.9942	0.9938	0.0099
phone-acc0.1%		0.9012	0.0282	0.8953	0.8846	0.1255
phone-acc1%		0.9860	0.0040	0.9851	0.9836	0.0279
phone-acc10%		0.9911	0.0025	0.9903	0.9896	0.0161
phone-gyr		0.9996	0.0001	0.9996	0.9995	0.0012
phone-gyr0.1%		0.9261	0.0211	0.9192	0.9136	0.0893
phone-gyr1%		0.9814	0.0053	0.9795	0.9783	0.0307
phone-gyr10%		0.9971	0.0008	0.9967	0.9966	0.0069
phoneme		0.8963	0.1037	0.8740	0.7476	0.4918
phy		0.6482	0.3518	0.6482	0.2964	0.8820
pima		0.7763	0.2237	0.7647	0.5292	0.7169
pirvision		0.9948	0.0035	0.9909	0.9835	0.0424
placement		0.7410	0.2590	0.7321	0.4633	0.7685
plant-growth		0.7895	0.2105	0.7933	0.5730	0.6420
plrx		0.6111	0.3889	0.3793	-0.1887	0.9536
poker		0.6401	0.0720	0.2871	0.3565	0.5275
poker1%		0.4839	0.1032	0.1205	0.0591	0.4528
poker10%		0.5642	0.0872	0.1732	0.2164	0.5788
polish-1st		0.9701	0.0299	0.8158	0.6286	0.5247
polish-2nd		0.9518	0.0482	0.6695	0.3386	0.6035
polish-3rd		0.9543	0.0457	0.7235	0.4431	0.5619

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9592	0.0408	0.7969	0.5938	0.5278
polish-5th			0.9577	0.0423	0.8344	0.6687	0.4837
polya			0.7027	0.2973	0.6751	0.3501	0.8321
popularity			0.5480	0.3013	0.3804	0.1041	0.7420
post-operative			0.6667	0.2222	0.3967	0.1818	0.4399
postures			0.9691	0.0123	0.9687	0.9614	0.0739
pred-tox_mutagen_ref-desc			0.5882	0.4118	0.5889	0.1765	0.9350
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.4242	0.0523	0.2191	0.3523	0.2071
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.5373	0.4627	0.5153	0.0299	0.9341
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9859	0.0056	0.9756	0.9811	0.0442
puc-rio10%			0.9644	0.0142	0.9371	0.9523	0.0908
pufs-128			0.4983	0.5017	0.4983	-0.0034	1.0000
pufs-1281%			0.4918	0.5082	0.4918	-0.0163	1.0000
pufs-12810%			0.5001	0.4999	0.5001	0.0001	0.9994
pufs-64			0.5007	0.4993	0.5007	0.0014	0.9991
pufs-641%			0.4983	0.5017	0.4983	-0.0034	1.0000
pufs-6410%			0.5022	0.4978	0.5022	0.0043	0.9981
pulsar			0.9737	0.0263	0.9213	0.8426	0.3196
raisin			0.8222	0.1778	0.8251	0.6444	0.6004
rcv1			0.2403	0.0429	0.0179	-0.0104	0.2835
rcv11%			0.6222	0.0143	0.2357	0.5761	0.3843
rcv110%			0.2526	0.0399	0.0216	0.0062	0.3036
re0-wc			0.8067	0.0297	0.7328	0.7511	0.2548
re1-wc			0.7831	0.0173	0.5782	0.7507	0.1646
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8084	0.0059	0.2751	0.7364	0.2503
rice			0.9824	0.0176	0.9822	0.9644	0.1184
rnaseq			0.9875	0.0050	0.9900	0.9835	0.0307
rocket			0.6386	0.3614	0.6291	0.2580	0.8922
RT_IOT2022			0.9984	0.0003	0.9686	0.9959	0.0039
satimage			0.8631	0.0456	0.8445	0.8315	0.2149
satimageF			0.9876	0.0124	0.9684	0.9367	0.1925
satimageT			0.9300	0.0700	0.8010	0.6013	0.5423
scadi			0.5714	0.1224	0.4762	0.4878	0.1295
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9167	0.0833	0.6361	0.2716	0.6539
secondary_mushroom			0.9985	0.0015	0.9985	0.9970	0.0150
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9394	0.0173	0.9453	0.9291	0.0850
segmentation			0.8267	0.1733	0.8118	0.6235	0.6316
segmentO			0.9913	0.0087	0.9834	0.9663	0.1466
seismic			0.9070	0.0930	0.5502	0.0961	0.6807
semeion			0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram			0.8053	0.1947	0.5170	0.0330	0.7870
sens-10-gram			0.7927	0.2073	0.5337	0.0671	0.7821
sens-2-gram			0.7947	0.2053	0.5657	0.1313	0.7634
sens-3-gram			0.7711	0.2289	0.6029	0.1960	0.7227
sens-4-gram			0.8105	0.1895	0.6124	0.2236	0.7442
sens-5-gram			0.8053	0.1947	0.5666	0.1332	0.7674
sens-6-gram			0.8053	0.1947	0.5811	0.1621	0.7600

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8000	0.2000	0.5769	0.1536	0.7600
sens-8-gram			0.8026	0.1974	0.5859	0.1715	0.7562
sens-9-gram			0.7842	0.2158	0.5509	0.1015	0.7651
sensorless			0.9855	0.0026	0.9855	0.9840	0.0244
sepsis			0.9095	0.0905	0.6570	0.0031	0.2085
shoppers			0.8613	0.1387	0.7266	0.4527	0.6747
shuttle			0.9998	0.0000	0.8571	0.9995	0.0003
sick			0.9841	0.0159	0.9325	0.8612	0.1705
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9991	0.0009	0.9987	0.9974	0.0126
skin10%			0.9975	0.0025	0.9963	0.9925	0.0279
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2000	0.4000	0.1708	-0.0764	0.8351
smk_can_187			0.5263	0.4737	0.5444	0.0757	0.9099
smoking			0.7781	0.2219	0.7589	0.5173	0.7199
soil_pollution			0.1933	0.3227	0.1908	-0.0085	0.8757
solar-flare			0.7698	0.0767	0.6832	0.7047	0.2286
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.9559	0.0046	0.9608	0.9517	0.0313
spam-detection			0.9455	0.0545	0.8381	0.6762	0.5008
spambase			0.9152	0.0848	0.9116	0.8232	0.3970
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer			0.4528	0.0228	0.2009	0.4241	0.1358
splice-EI			0.9527	0.0473	0.9376	0.8751	0.3052
splice-IE			0.9274	0.0726	0.8991	0.7982	0.4096
sport-articles			0.8100	0.1900	0.7952	0.5902	0.6610
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8995	0.0670	0.8713	0.8365	0.2332
steel-b			0.8103	0.1897	0.7118	0.4235	0.7296
steel-d			0.9744	0.0256	0.7677	0.5324	0.5024
steel-k			0.9897	0.0103	0.9843	0.9685	0.1057
steel-o			0.7897	0.2103	0.7678	0.5355	0.7048
steel-p			0.9128	0.0872	0.7023	0.4043	0.6376
steel-s			0.9897	0.0103	0.9348	0.8697	0.2729
steel-z			0.9846	0.0154	0.9575	0.9145	0.2439
stellar			0.9668	0.0221	0.9616	0.9410	0.1154
stock			0.9236	0.0764	0.8636	0.7209	0.4165
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0362
stress			0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle			0.4950	0.2020	0.3231	0.2157	0.5850
student-depression			0.7724	0.2276	0.7649	0.5297	0.7202
student-habits			0.3900	0.2440	0.2446	0.0962	0.7576
student-weekend			0.2769	0.2892	0.2391	0.0447	0.7622
student-workday			0.6250	0.1500	0.2071	0.1405	0.5837
studentap			0.3846	0.4103	0.3158	0.0370	0.8223
susy			0.7211	0.2789	0.7187	0.4373	0.7942
susy1%			0.7154	0.2846	0.7131	0.4263	0.8020
susy10%			0.7231	0.2769	0.7208	0.4417	0.7914
swarm_aligned			0.9996	0.0004	0.9995	0.9990	0.0035
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.5072	0.2000	0.6242
telco-churn			0.8381	0.1619	0.7977	0.5946	0.6421
texture			0.9236	0.0139	0.9269	0.9158	0.1001

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.6224	0.2389	0.7461
thrombin			0.9581	0.0419	0.6719	0.3142	0.5407
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9263	0.0737	0.9170	0.8338	0.3663
tis			0.8743	0.1257	0.8307	0.6614	0.5685
tis10%			0.8881	0.1119	0.8418	0.6753	0.4868
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1250	0.4455	0.4286	0.1325
tox_171			0.4118	0.2941	0.4202	0.2202	0.6004
toxicity			0.6471	0.3529	0.6136	0.2273	0.8920
toxicity-13f			0.5882	0.4118	0.5662	0.1314	0.9243
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5282	0.0517	0.8718
trec11-wc			0.8293	0.0379	0.7420	0.7943	0.1547
trec12-wc			0.8065	0.0484	0.8587	0.7715	0.1910
trec21-wc			0.8788	0.0404	0.5989	0.7565	0.1656
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.9355	0.0184	0.8122	0.9148	0.1043
trec41-wc			0.8864	0.0227	0.7085	0.8615	0.1146
trec45-wc			0.8841	0.0232	0.7929	0.8639	0.0830
tuandromd			0.9821	0.0179	0.9722	0.9443	0.1640
turkish			0.7500	0.1250	0.7556	0.6667	0.3306
tvnews			0.9306	0.0694	0.9248	0.8492	0.3422
tvnews1%			0.8462	0.1538	0.8336	0.6668	0.5835
tvnews10%			0.8558	0.1442	0.8459	0.6917	0.5644
ur3_cobotops_grip			0.9660	0.0340	0.7027	0.4013	0.5585
ur3_cobotops_stop			0.9755	0.0245	0.7959	0.5599	0.3410
urban			0.8209	0.0398	0.8354	0.7903	0.1527
urinalysis			0.9510	0.0490	0.7274	0.4373	0.5211
url-rep1%			0.9783	0.0217	0.9756	0.9512	0.1483
ustilago			0.9774	0.0226	0.5429	0.0821	0.5012
ustilago1%			0.9853	0.0147	0.5879	0.1745	0.5633
ustilago10%			0.9774	0.0226	0.5319	0.0628	0.5254
vehicle			0.7619	0.1190	0.7130	0.6762	0.2519
vehicleVAN			0.9524	0.0476	0.9393	0.8769	0.3203
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.8140	0.1860	0.8280	0.6301	0.5432
vowel			0.4242	0.1047	0.4938	0.3667	0.3537
vowelZ			0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17			0.9068	0.0932	0.6569	0.2921	0.6235
wap-wc			0.6154	0.0385	0.4638	0.5706	0.3004
warpar10p			0.4615	0.1077	0.3200	0.3974	0.1595
warppie10p			0.8571	0.0286	0.8583	0.8409	0.0667
watch-acc			0.9998	0.0000	0.9998	0.9998	0.0006
watch-acc1%			0.9856	0.0041	0.9852	0.9831	0.0323
watch-acc10%			0.9988	0.0003	0.9988	0.9986	0.0038
watch-gyr			0.9999	0.0000	0.9999	0.9998	0.0005
watch-gyr1%			0.9885	0.0033	0.9882	0.9865	0.0254
watch-gyr10%			0.9990	0.0003	0.9990	0.9989	0.0032
water_pollution			0.2500	0.3750	0.2507	0.0008	0.8647
waveform			0.7460	0.1693	0.7473	0.6191	0.5008
weather-related			0.9654	0.0063	0.9648	0.9608	0.0524
web-phishing			0.8593	0.0938	0.8067	0.7496	0.4013
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9985	0.0006	0.9983	0.9981	0.0053
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9800	0.0100	0.9800	0.9733	0.0437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9731	0.0269	0.8850	0.7580	0.4775
wine			0.8235	0.1176	0.8368	0.6982	0.2770
winequality-red			0.5849	0.1384	0.2871	0.3375	0.4809
winequality-white			0.5235	0.1361	0.2707	0.2917	0.6481
winnipeg			0.9907	0.0027	0.9829	0.9882	0.0340
winnipeg10%			0.9810	0.0054	0.9769	0.9759	0.0447
wisc_bc			0.9474	0.0526	0.9432	0.8858	0.2729
yale			0.3750	0.0833	0.3636	0.3305	0.1541
yeast			0.5135	0.0973	0.3838	0.3712	0.3905
yeastCYT-POX			0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9324	0.0676	0.6251	0.2503	0.6337
zip			0.8796	0.0241	0.8689	0.8650	0.1755

Table 82: Detailed results for IREP(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1175	0.0609	0.0073	0.0004	0.3410
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9837	0.0163	0.6841	0.2309	0.2529
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9695	0.0305	0.9345	0.8637	0.1703
adult		0.8247	0.1753	0.7433	0.4819	0.6821
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9966	0.0034	0.6469	0.1076	0.1562
AID604AID644_AllRed		0.9988	0.0012	0.6219	0.2217	0.4869
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9938	0.0062	0.4984	-0.0003	0.1661
aids		0.8310	0.1690	0.7555	0.5032	0.6563
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8150	0.1850	0.8306	0.6368	0.5524
alcohol		0.7714	0.0914	0.2855	0.4524	0.2536
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.6930	0.3070	0.6622	0.3244	0.8448
anneal		0.9551	0.0180	0.9464	0.9049	0.1267
antivirus		0.9730	0.0270	0.9599	0.9165	0.2605
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9110	0.0445	0.8488	0.8260	0.1994
anuran-genus		0.9068	0.0233	0.8171	0.8391	0.1299
anuran-species		0.8986	0.0203	0.8114	0.8564	0.1304
anxiety		0.1250	0.1944	0.0247	0.0000	0.4034
apple-quality		0.6675	0.3325	0.6686	0.3350	0.8549
aps-failure		0.9858	0.0142	0.7683	0.5235	0.4346
arabidopsis0.1%		0.9882	0.0118	0.4970	-0.0044	0.5347
arabidopsis1%		0.9915	0.0085	0.5650	0.0626	0.3569
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.7556	0.0376	0.4386	0.5646	0.1385
auction		0.9804	0.0196	0.9602	0.9173	0.2720
audiology		0.6522	0.0290	0.2490	0.5991	0.0992
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.7273	0.2727	0.7243	0.4407	0.7669
autism-adult		0.9571	0.0429	0.9508	0.8968	0.2760
autism-child		0.8621	0.1379	0.8776	0.7264	0.3750
autos		0.7000	0.1000	0.6227	0.5918	0.2233
avila		0.8150	0.0308	0.8053	0.7496	0.1828
babies		0.3871	0.1751	0.0802	0.0036	0.2963
balance		0.6774	0.2151	0.4672	0.3945	0.4364
bank		0.9022	0.0978	0.7010	0.3577	0.5486
banknote		0.9343	0.0657	0.9343	0.8677	0.3237
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8318	0.1682	0.8140	0.6206	0.5927
basehock		0.7035	0.2965	0.7506	0.4087	0.5360
bio		0.9957	0.0043	0.8618	0.7049	0.2086
bio10%		0.9945	0.0055	0.8334	0.6639	0.3909
biodeg		0.7810	0.2190	0.7667	0.5333	0.7119
biomed		0.9048	0.0952	0.9114	0.8073	0.3522
bitcoin		0.9858	0.0013	0.0570	0.0078	0.0512
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0010	0.0342	0.0000	0.0117
body-perf		0.5634	0.2183	0.5980	0.4179	0.5143
bookings		0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor		0.4945	0.5055	0.4819	-0.0137	0.7769
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.7273	0.2727	0.7609	0.4211	0.4644
breast-tissue		0.5455	0.1515	0.5263	0.4608	0.2309
bridges		0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17		0.9102	0.0898	0.6365	0.2039	0.5366
bub12at310k-hg16-17		0.9127	0.0873	0.6429	0.1830	0.4648
bub8at310k-hg16-17		0.9109	0.0891	0.6430	0.2204	0.5396
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9565	0.0435	0.9518	0.9032	0.2392
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8793	0.0603	0.5727	0.7215	0.1711
car-insurance		0.8350	0.1650	0.8101	0.6200	0.6287
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.6854	0.0629	0.6277	0.6136	0.2545
cardiotocography-nsp		0.8498	0.1002	0.6596	0.4785	0.3600
cardiovascular		0.7248	0.2752	0.7248	0.4496	0.7874
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0106
cars		0.7000	0.2000	0.5784	0.4210	0.5072
cas_N6512_cdk_ECFP2		0.6759	0.3241	0.6732	0.3347	0.8272
cas_N6512_rdkit_ATOMPAIR		0.6631	0.3369	0.6624	0.3041	0.8205
cas_N6512_RDkit_AtomPair_FP		0.6979	0.3021	0.6949	0.3888	0.8236
cas_N6512_rdkit_AVALON		0.7281	0.2719	0.7256	0.4474	0.7759
cas_N6512_RDkit_Avalon_FP		0.7408	0.2592	0.7384	0.4757	0.7629
cas_N6512_rdkit_descriptors		0.6277	0.3723	0.6229	0.2437	0.9014
cas_N6512_rdkit_FEATMORGAN		0.6528	0.3472	0.6483	0.2928	0.8719
cas_N6512_RDkit_Featmorgan_FP		0.7101	0.2899	0.7105	0.4046	0.7703
cas_N6512_RDkit_FP		0.6825	0.3175	0.6806	0.3485	0.8163
cas_N6512_rdkit_LAYERED		0.6908	0.3092	0.6916	0.3625	0.7864
cas_N6512_RDkit_Layered_FP		0.6994	0.3006	0.6977	0.3844	0.7987
cas_N6512_rdkit_MACCS		0.7327	0.2673	0.7373	0.4485	0.7104

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7546	0.2454	0.7535	0.5001	0.7267
cas_N6512_rdkit_MORGAN		0.7062	0.2938	0.7135	0.4181	0.7867
cas_N6512_RDkit_morgan_FP		0.7239	0.2761	0.7213	0.4411	0.7873
cas_N6512_rdkit_PATTERN		0.7046	0.2954	0.7101	0.3885	0.7390
cas_N6512_RDkit_pattern_FP		0.7071	0.2929	0.7135	0.3933	0.7299
cas_N6512_rdkit_RDKITFP		0.6928	0.3072	0.6907	0.3718	0.8110
cas_N6512_rdkit_TORSION		0.6908	0.3092	0.6961	0.3862	0.8148
ccds1%		0.9560	0.0440	0.4888	-0.0097	0.4865
ccds10%		0.9608	0.0392	0.5392	0.0112	0.2534
cdc_diabetes		0.8448	0.1035	0.4059	0.0478	0.2183
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7306	0.2694	0.6872	0.3387	0.7340
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9461	0.0539	0.7225	0.4035	0.4724
census10%		0.9449	0.0551	0.7033	0.3821	0.5344
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8790	0.0605	0.6619	0.8169	0.1837
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9277	0.0723	0.6680	0.2273	0.4186
churn		0.8260	0.1740	0.6839	0.2626	0.5245
churn-bigml		0.9326	0.0674	0.8539	0.6744	0.2687
ci900367j_MACCS		0.6632	0.3368	0.6422	0.2844	0.8731
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6429	0.2381	0.4167	0.2317	0.4335
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7111	0.1444	0.4700	0.5419	0.4285
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.5333	0.4286	0.2709
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9		0.8333	0.0370	0.8529	0.8125	0.1494
codon_usage		0.6393	0.0656	0.4758	0.5533	0.3112
coil20		0.8542	0.0146	0.8989	0.8465	0.0775
college		0.8571	0.1429	0.8174	0.6344	0.5951
collins		0.8600	0.0187	0.7586	0.8462	0.0572
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.7241	0.2759	0.6748	0.2883	0.6939
colposcopies-2		0.5862	0.4138	0.5451	0.0890	0.9496
colposcopies-3		0.5517	0.4483	0.4686	-0.0386	0.8907
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.8387	0.1613	0.8092	0.5995	0.5508
column-3c		0.7419	0.1720	0.6201	0.5746	0.3103
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9818	0.0121	0.5923	0.3448	0.0358
cottonmeloidogyne		0.6707	0.3293	0.6749	0.3398	0.8319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
coupon		0.7011	0.2989	0.6928	0.3846	0.8227
covid19		0.5252	0.1357	0.2099	0.1226	0.3099
covtype		0.7545	0.0701	0.6611	0.5967	0.3646
covtype10%		0.7293	0.0774	0.5527	0.5495	0.3683
covtypeCD		0.9339	0.0661	0.8487	0.6497	0.1955
covtypeT		0.9590	0.0410	0.8305	0.6571	0.4438
crabs		0.6000	0.2000	0.6289	0.4667	0.3311
creditcard_trans		0.9992	0.0008	0.8728	0.7412	0.2918
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8295	0.0568	0.5955	0.5782	0.1766
cryotherapy		0.4444	0.5556	0.3077	-0.2162	0.9876
cultivars		0.0312	0.0484	0.0250	0.0284	0.3706
customer-churn		0.9794	0.0206	0.6200	0.1153	0.3080
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.5556	0.4444	0.5500	0.1000	0.9644
cylinder-bands		0.6296	0.3704	0.6311	0.2593	0.8883
darwin		0.6667	0.3333	0.6710	0.3333	0.8394
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.7143	0.2857	0.7407	0.3636	0.4644
default		0.8233	0.1767	0.7121	0.4016	0.6677
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8843	0.1157	0.6334	0.2066	0.5869
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8919	0.0360	0.8862	0.8618	0.0894
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.6333	0.3667	0.6687	0.2667	0.7126
df_final		0.6250	0.2500	0.4762	0.4000	0.3207
DIA		0.7667	0.2333	0.6384	0.2432	0.7461
diabetes		0.9038	0.0962	0.8987	0.7910	0.3835
diabetes-100k		0.9340	0.0660	0.7512	0.4776	0.4987
diabetes-risk		0.7959	0.2041	0.5993	0.0477	0.4671
diabetic		0.5666	0.2890	0.3648	0.1108	0.4891
diabetic1%		0.5294	0.3137	0.2308	-0.0172	0.4080
diabetic10%		0.5707	0.2862	0.3665	0.1263	0.5184
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8500	0.0750	0.8356	0.7929	0.2606
diamonds_all		0.6136	0.1545	0.5046	0.4271	0.4064
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5833	0.4167	0.5294	0.0323	0.7987
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9970	0.0030	0.4992	-0.0004	0.2737
dorothea		0.9304	0.0696	0.7832	0.5623	0.5389
dota2		0.5398	0.4602	0.5333	0.0378	0.8050
dota210%		0.5350	0.4650	0.5356	0.0710	0.9760
drebin		0.9321	0.0679	0.9283	0.8496	0.2633
dropout		0.7178	0.1881	0.6571	0.5462	0.5196
drug-01		0.4096	0.1687	0.2177	0.0243	0.2905
drug-02		0.5106	0.1398	0.0966	-0.0065	0.3378
drug-03		0.6809	0.0912	0.1157	-0.0148	0.2654
drug-04		0.5319	0.1337	0.1382	0.0366	0.3589
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3457	0.1869	0.1542	0.1339	0.3741
drug-07		0.4202	0.1657	0.0845	-0.0174	0.2826
drug-08		0.5745	0.1216	0.1654	0.0883	0.2693

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5372	0.1322	0.1005	0.0021	0.3141
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5798	0.1201	0.1056	0.0103	0.2566
drug-14		0.5957	0.1155	0.1924	0.0970	0.2871
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1368	0.0982	0.0041	0.2730
drug-17		0.3191	0.1945	0.0697	-0.0027	0.4035
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0077	0.2153
drybean		0.8641	0.0388	0.8523	0.8350	0.1916
ecoli		0.7059	0.0735	0.2883	0.5624	0.1756
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.2096	0.0988	0.2436	0.0847	0.3976
eeg-eye		0.6602	0.3398	0.6565	0.3131	0.8704
eeg10%		0.1658	0.1043	0.1515	0.0358	0.3804
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5342	0.1863	0.5456	0.3864	0.4615
euthyroid		0.9399	0.0601	0.8084	0.5325	0.1598
exon.vs.intron-freq		0.8854	0.1146	0.8872	0.7712	0.4604
exon.vs.intron-freq10%		0.8738	0.1262	0.8743	0.7476	0.4999
fakenews		0.5075	0.4925	0.5086	0.0062	0.7417
farm-ads		0.7415	0.2585	0.7648	0.4640	0.5688
fbis-wc		0.6382	0.0426	0.5302	0.5903	0.2309
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5098	0.4902	0.4261	-0.0687	0.8712
financial-risk		0.7435	0.0855	0.4668	0.5636	0.2557
fishcatch		0.6250	0.1250	0.3851	0.5102	0.2014
flags		0.5500	0.1125	0.2934	0.3960	0.2310
fonts10%		0.4015	0.0078	0.1041	0.3450	0.3251
forest		0.7885	0.1058	0.8004	0.7120	0.2643
gas		0.9202	0.0266	0.9198	0.9030	0.1464
gastrointestinal		0.7500	0.1667	0.5508	0.5524	0.2863
gender		0.6042	0.2639	0.3807	0.1396	0.5042
gene		0.9085	0.0610	0.9003	0.8537	0.2615
german		0.7000	0.3000	0.6432	0.2519	0.7851
gestures		0.6986	0.1507	0.7159	0.5981	0.4154
gina		0.8473	0.1527	0.8539	0.6932	0.5056
gisette		0.4457	0.5543	0.3083	-0.1086	0.8581
glass		0.5714	0.1429	0.3438	0.3762	0.2948
glass-g2		0.4375	0.5625	0.4826	-0.0286	0.9147
glassBWFP		0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP		0.6190	0.3810	0.5397	0.0769	0.9308
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware		0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7531	0.4809	0.6961
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.4000	0.3000	0.2679	0.1176	0.3067
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage		0.4000	0.3000	0.4048	0.1718	0.3989

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gsalc		0.4444	0.1852	0.5385	0.3571	0.2568
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.8445	0.0259	0.6274	0.8151	0.1498
har		0.8486	0.0605	0.8461	0.8082	0.2548
har70		0.8758	0.0355	0.5127	0.8153	0.1738
har701%		0.8575	0.0407	0.5044	0.7892	0.1887
har7010%		0.8722	0.0365	0.5109	0.8102	0.1801
harth		0.7561	0.0406	0.4148	0.6533	0.2129
harth1%		0.7471	0.0421	0.3620	0.6396	0.2180
harth10%		0.7576	0.0404	0.4179	0.6557	0.2144
hayes-roth		0.6250	0.2500	0.6839	0.4000	0.3918
hcc-survival		0.5882	0.4118	0.3704	0.0000	0.5049
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7037	0.2963	0.6928	0.3292	0.6996
heart-attack		0.7742	0.2258	0.7732	0.5353	0.6817
heart-c		0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure		0.9040	0.0960	0.8961	0.7867	0.4467
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%		0.8191	0.1809	0.8208	0.6386	0.6168
hepmass10%		0.8198	0.1802	0.8211	0.6398	0.6175
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%		0.6200	0.3800	0.6176	0.2350	0.9111
higgs1%		0.6409	0.3591	0.6379	0.2744	0.8883
higgs10%		0.6543	0.3457	0.6519	0.2987	0.8658
higher		0.3571	0.1607	0.2402	0.1923	0.2843
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8432	0.1568	0.6620	0.2773	0.6406
hiva		0.9645	0.0355	0.6382	0.1986	0.4361
horse		0.5833	0.2778	0.4243	0.1781	0.5210
hotel-reservartions		0.7842	0.2158	0.7750	0.5408	0.6886
hr		0.8632	0.1368	0.5844	0.0359	0.4036
ht-sensor		0.9527	0.0316	0.9534	0.9287	0.1473
ht-sensor10%		0.9299	0.0467	0.9315	0.8945	0.1892
htru2		0.9665	0.0335	0.9035	0.8061	0.3978
hypothyroid		0.9841	0.0080	0.6948	0.8996	0.0665
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.7288	0.2712	0.6560	0.0817	0.4230
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9687	0.0157	0.9690	0.9582	0.0669
ionosphere		0.8000	0.2000	0.7710	0.4394	0.3785
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.5764	0.0326	0.6607	0.5594	0.2541
jm1		0.8127	0.1873	0.6287	0.2060	0.6776
jvowels		0.6114	0.0863	0.6580	0.5609	0.3470
kc1		0.8436	0.1564	0.6154	0.1724	0.6387
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.4813	0.1482	0.5986	0.3920	0.3553
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9929	0.0006	0.3343	0.9880	0.0218

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup9910%		0.9942	0.0006	0.5785	0.9901	0.0282
kepler		0.8672	0.0886	0.8218	0.7803	0.2212
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9500	0.0500	0.9467	0.8933	0.2764
krkopt		0.2153	0.0872	0.2782	0.0723	0.3510
krvskp		0.9687	0.0313	0.9696	0.9374	0.1584
la1s-wc		0.6794	0.1069	0.6785	0.5767	0.3411
la2s-wc		0.6854	0.1049	0.6211	0.5814	0.2954
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.0882	0.0456	0.0556	0.0787	0.3170
led24		0.6500	0.0700	0.6497	0.6067	0.1575
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.6265	0.0287	0.7165	0.6109	0.2542
leukemia		0.5714	0.2857	0.5072	0.3636	0.3379
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.1944	0.1074	0.1844	0.1450	0.3407
linkage		0.9998	0.0002	0.9884	0.9765	0.0041
linkage1%		0.9995	0.0005	0.9634	0.9266	0.1329
linkage10%		0.9998	0.0002	0.9857	0.9715	0.0987
liver		0.5294	0.4706	0.5093	0.0181	0.9312
loan		0.9438	0.0562	0.9402	0.8804	0.3003
localization		0.4919	0.0924	0.2683	0.2860	0.3443
localization10%		0.4345	0.1028	0.2091	0.1856	0.3385
lrs		0.7547	0.0491	0.3386	0.6538	0.1924
lung		0.9048	0.0381	0.7099	0.8082	0.0647
lung_discrete		0.5000	0.1429	0.3316	0.3846	0.2133
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8500	0.0600	0.5818	0.6178	0.1128
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.6667	0.0741	0.3077	0.4706	0.1572
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.6000	0.4000	0.6028	0.2000	0.9124
magic04		0.7959	0.2041	0.7745	0.5488	0.6928
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8432	0.6850	0.5699
marketing		0.8795	0.1205	0.7157	0.3903	0.5665
maternal		0.6535	0.2310	0.6760	0.4778	0.5322
math		0.8000	0.1000	0.7966	0.6995	0.2504
mba		0.8371	0.1086	0.3038	-0.0030	0.2068
mental-disorders		0.4167	0.2917	0.2922	0.2222	0.3015
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.6087	0.3913	0.6287	0.2406	0.8617
meter-A		0.3750	0.6250	0.2727	0.0000	0.5170
meter-B		0.6667	0.2222	0.5392	0.4255	0.3013
meter-C		0.9444	0.0278	0.9175	0.9217	0.0489
meter-D		0.8333	0.0833	0.8329	0.7672	0.1538
mfeat-fac		0.7800	0.0440	0.8219	0.7556	0.1845
mfeat-fou		0.6000	0.0800	0.6315	0.5556	0.2925
mfeat-kar		0.6500	0.0700	0.7092	0.6111	0.2865
mfeat-mor		0.6600	0.0680	0.6682	0.6222	0.2096
mfeat-pix		0.8350	0.0330	0.8584	0.8167	0.1556
mfeat-zer		0.4500	0.1100	0.5344	0.3889	0.3131
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9245	0.0503	0.9274	0.8849	0.2066

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mines		0.3529	0.2588	0.4352	0.2026	0.4232
mobile		0.2692	0.0261	0.3438	0.2561	0.3273
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		0.9865	0.0135	0.9866	0.9729	0.0809
music		0.3733	0.1139	0.3305	0.1768	0.4243
musk		0.9152	0.0848	0.8264	0.6470	0.4920
MUT_ci300400a_cdk_ECFP2		0.7446	0.2554	0.7343	0.4663	0.7607
MUT_ci300400a_cdk_ECFP4		0.7401	0.2599	0.7286	0.4503	0.7579
MUT_ci300400a_cdk_ECFP6		0.7162	0.2838	0.7034	0.4014	0.7967
MUT_ci300400a_cdk_ESTATE		0.7194	0.2806	0.7079	0.4140	0.7987
MUT_ci300400a_cdk_EXTENDED		0.7518	0.2482	0.7414	0.4726	0.7306
MUT_ci300400a_cdk_FCFP2		0.7234	0.2766	0.7122	0.4227	0.7936
MUT_ci300400a_cdk_FCFP4		0.6607	0.3393	0.6419	0.2486	0.8030
MUT_ci300400a_cdk_FCFP6		0.6631	0.3369	0.6434	0.2617	0.8233
MUT_ci300400a_cdk_MACCS		0.7386	0.2614	0.7309	0.4314	0.7016
MUT_ci300400a_cdk_PUBCHEM		0.7437	0.2563	0.7339	0.4479	0.7199
MUT_ci300400a_cdk_STANDARD		0.7581	0.2419	0.7482	0.4846	0.7156
MUT_ci300400a_rdkit_descriptors		0.7105	0.2895	0.6994	0.3908	0.7972
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9352	0.0648	0.9367	0.8704	0.2969
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.1852	0.1111	0.0323	0.2322
ncRNA		0.8912	0.0115	0.4293	0.6600	0.2088
ncRNA1%		0.8809	0.0125	0.3139	0.6190	0.2044
ncRNA10%		0.8844	0.0122	0.3935	0.6286	0.2050
neo		0.9059	0.0941	0.6378	0.0900	0.3287
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9048	0.0952	0.8662	0.6957	0.5000
newspop		0.6229	0.3771	0.6199	0.2270	0.8795
NHANES_age_prediction		0.9780	0.0220	0.9624	0.9219	0.2562
nomao		0.9333	0.0667	0.9194	0.8384	0.3724
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.9205	0.0318	0.7281	0.8834	0.1138
obesity		0.8246	0.0501	0.8352	0.7953	0.1873
obs		0.9074	0.0463	0.9327	0.8613	0.1399
occupancy		0.9762	0.0238	0.9663	0.9325	0.1800
Occupancy_Estimation		0.9812	0.0094	0.9459	0.9416	0.0514
oh0-wc		0.6139	0.0772	0.5167	0.5426	0.2473
oh10-wc		0.4476	0.1105	0.4693	0.3576	0.3251
oh15-wc		0.5761	0.0848	0.5665	0.5181	0.2801
oh5-wc		0.3846	0.1231	0.4696	0.2837	0.3751
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.7193	0.0624	0.5942	0.6460	0.2044
opn310k		0.9136	0.0864	0.6535	0.2244	0.4973
opn310k10%		0.9085	0.0915	0.5794	0.0742	0.4802
opnat310k-hg16-17		0.9149	0.0851	0.6673	0.2692	0.5193
optdigits		0.8256	0.0349	0.8432	0.8062	0.1984
optdigitsZ		0.9822	0.0178	0.9430	0.8793	0.0647
orl		0.4250	0.0288	0.3991	0.4103	0.2055
orlraws10P		0.4000	0.1200	0.3520	0.3333	0.2428
ovarian-cancer		0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9012	0.0988	0.5185	0.0309	0.6828
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7732	0.2268	0.7352	0.4548	0.7057
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7698	0.2302	0.7686	0.5355	0.7143

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9470	0.0212	0.6130	0.6326	0.1395
parkinson			0.9250	0.0750	0.9237	0.8462	0.3614
parkinsons			0.7536	0.2464	0.7555	0.4007	0.4296
parkinsons-small			0.7368	0.2632	0.4242	0.0000	0.4125
particle			0.8501	0.1499	0.8043	0.5875	0.5377
particle10%			0.8262	0.1738	0.7742	0.5420	0.6464
pasture			0.2500	0.5000	0.2222	0.0000	0.3200
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5567	0.4433	0.3576	-0.0510	0.7478
pcos			0.8967	0.1033	0.8794	0.7295	0.4689
pd			0.8421	0.1579	0.7731	0.5294	0.6004
pediatric-leukemia			0.6471	0.1008	0.5790	0.5627	0.2847
pendigits			0.8517	0.0297	0.8727	0.8350	0.1567
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.5556	0.4444	0.3571	-0.2000	0.9762
persistency			0.7813	0.2187	0.7657	0.4910	0.6034
personalities			0.1278	0.1090	0.2078	0.0697	0.4486
pet-adoption			0.9300	0.0700	0.9206	0.8354	0.2929
phishing			0.9388	0.0612	0.9363	0.8722	0.3191
PhiUSIIL			0.9830	0.0170	0.9830	0.9654	0.1109
PhiUSIIL10%			0.9835	0.0165	0.9835	0.9664	0.1084
phone-acc0.1%			0.6585	0.0976	0.6486	0.6001	0.3265
phone-acc1%			0.6730	0.0934	0.6797	0.6172	0.2774
phone-acc10%			0.7197	0.0801	0.7139	0.6726	0.2827
phone-gyr0.1%			0.6920	0.0880	0.6965	0.6396	0.2949
phone-gyr1%			0.7327	0.0764	0.7327	0.6873	0.2850
phone-gyr10%			0.7454	0.0727	0.7400	0.7020	0.2802
phoneme			0.7667	0.2333	0.7373	0.4675	0.7339
phy			0.6424	0.3576	0.6467	0.2857	0.8673
pima			0.5921	0.4079	0.6093	0.2062	0.8785
pirvision			0.9706	0.0196	0.9543	0.9110	0.1687
placement			0.7630	0.2370	0.7607	0.5197	0.7286
plant-growth			0.7368	0.2632	0.7841	0.4865	0.4786
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.5914	0.0908	0.1666	0.2113	0.2416
poker1%			0.5161	0.0968	0.1041	0.0471	0.2326
poker10%			0.5141	0.0972	0.1053	0.0357	0.2047
polish-1st			0.9616	0.0384	0.6305	0.1702	0.4165
polish-2nd			0.9626	0.0374	0.6840	0.0918	0.1090
polish-3rd			0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9289	0.0711	0.6791	0.3463	0.6030
polya			0.6973	0.3027	0.6478	0.2733	0.8095
popularity			0.6424	0.2384	0.3847	0.0650	0.3841
post-operative			0.7778	0.1481	0.5045	0.4000	0.2005
postures			0.8956	0.0417	0.8960	0.8694	0.1889
pred-tox_mutagen_ref-desc			0.5147	0.4853	0.5336	0.0294	0.7457
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2121	0.0716	0.1021	0.0694	0.3189
processed			0.9610	0.0390	0.9554	0.9085	0.1848
profb			0.6567	0.3433	0.5885	0.1737	0.8953
promoters			0.7000	0.3000	0.7674	0.4444	0.5112
prostate			0.4286	0.5714	0.4685	-0.0370	0.8621
prostate_GE			0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio			0.9344	0.0263	0.8886	0.9116	0.1409
puc-rio10%			0.8884	0.0447	0.8295	0.8501	0.2068
pufs-1281%			0.4927	0.5073	0.4927	-0.0147	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-12810%			0.5029	0.4971	0.5029	0.0058	0.9962
pufs-64			0.5021	0.4979	0.5021	0.0040	0.9817
pufs-641%			0.4992	0.5008	0.4993	-0.0014	0.9877
pufs-6410%			0.5056	0.4944	0.5056	0.0111	0.9909
pulsar			0.9569	0.0431	0.8837	0.7636	0.4607
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
re0-wc			0.6600	0.0523	0.4198	0.5111	0.2722
re1-wc			0.5542	0.0357	0.2590	0.4542	0.2502
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.7181	0.0117	0.2635	0.5684	0.2487
rice			0.9780	0.0220	0.9780	0.9557	0.1432
rocket			0.6430	0.3570	0.6134	0.2054	0.8559
RT_IOT2022			0.9929	0.0012	0.9389	0.9821	0.0144
satimage			0.8025	0.0658	0.7917	0.7545	0.2650
satimageF			0.9891	0.0109	0.9721	0.9442	0.1683
satimageT			0.9145	0.0855	0.7471	0.4911	0.5957
scadi			0.7143	0.0816	0.4714	0.6316	0.1263
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5588	0.4412	0.5974	0.1176	0.7296
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.8890	0.1110	0.9001	0.7807	0.3518
seeds			0.8571	0.0952	0.8660	0.7857	0.2176
segment			0.8745	0.0359	0.8882	0.8534	0.1511
segmentation			0.7673	0.2327	0.7394	0.4749	0.7355
segmentO			0.9784	0.0216	0.9561	0.9082	0.0792
seismic			0.9302	0.0698	0.5751	0.0819	0.4920
semeion			0.9811	0.0189	0.9467	0.8928	0.2097
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-3-gram			0.8711	0.1289	0.6147	0.0873	0.4343
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8632	0.1368	0.4633	-0.0102	0.4508
sens-8-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-9-gram			0.8737	0.1263	0.6687	0.0675	0.2632
sensorless			0.9217	0.0142	0.9252	0.9139	0.0987
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8994	0.1006	0.7992	0.5969	0.5697
shuttle			0.9619	0.0109	0.5114	0.8856	0.0395
sick			0.9576	0.0424	0.8417	0.6810	0.5094
sirtuin6			0.7000	0.3000	0.7521	0.4000	0.4882
skin			0.9475	0.0525	0.9218	0.8433	0.3599
skin10%			0.9367	0.0633	0.9045	0.8090	0.3992
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2600	0.3700	0.1083	0.0000	0.4719
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6985	0.3015	0.7535	0.4380	0.6100
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7122	0.0959	0.5198	0.6262	0.2029
sonar			0.5500	0.4500	0.5525	0.1000	0.9473
soybean			0.9412	0.0062	0.9159	0.9353	0.0272
spam-detection			0.9510	0.0490	0.8419	0.6784	0.4249
spambase			0.8652	0.1348	0.8585	0.7099	0.4982
spect			0.7778	0.2222	0.6403	0.2703	0.7789

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectf			0.7429	0.2571	0.6732	0.1370	0.4138
spectrometer			0.2642	0.0307	0.0700	0.2041	0.2598
splice-EI			0.9464	0.0536	0.9327	0.8630	0.3437
splice-IE			0.9338	0.0662	0.9132	0.8239	0.4010
sport-articles			0.8000	0.2000	0.7815	0.5402	0.6155
squash-stored			0.2000	0.5333	0.1111	-0.3333	0.6263
squash-unstored			0.8000	0.1333	0.5385	0.5455	0.2005
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8139	0.1240	0.7692	0.6929	0.3466
steel-b			0.8359	0.1641	0.7201	0.4110	0.6333
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9641	0.0359	0.9455	0.8909	0.2792
steel-o			0.7795	0.2205	0.7488	0.4612	0.6358
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9226	0.8401	0.3898
stellar			0.9478	0.0348	0.9405	0.9054	0.1460
stock			0.8958	0.1042	0.8384	0.6725	0.5602
stockb			0.9824	0.0117	0.9825	0.9736	0.0530
streaming			0.7580	0.2420	0.7559	0.5117	0.7391
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6050	0.1580	0.3213	0.3301	0.3813
student-depression			0.8022	0.1978	0.7979	0.5952	0.6655
student-habits			0.3700	0.2520	0.1469	-0.0129	0.4100
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7188	0.1125	0.2655	0.0777	0.2017
studentap			0.4615	0.3590	0.3871	0.1415	0.6478
susy			0.7565	0.2435	0.7559	0.5113	0.7395
susy1%			0.7604	0.2396	0.7579	0.5141	0.7311
susy10%			0.7609	0.2391	0.7588	0.5174	0.7339
swarm_aligned			0.9967	0.0033	0.9961	0.9922	0.0345
swarm_flocking			0.9838	0.0162	0.9840	0.9675	0.0983
swarm_grouped			0.9954	0.0046	0.9951	0.9903	0.0453
tae			0.5333	0.3111	0.5442	0.3000	0.5129
telco-churn			0.8551	0.1449	0.8029	0.5847	0.5339
texture			0.7600	0.0436	0.8123	0.7362	0.1906
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9686	0.0314	0.4920	-0.0142	0.5981
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8773	0.1227	0.8272	0.6181	0.4074
tis10%			0.8433	0.1567	0.7751	0.4764	0.4318
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.1667	0.2121	0.2727	0.2819
tox_171			0.5294	0.2353	0.3782	0.3493	0.2750
toxicity			0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.6098	0.0867	0.4572	0.5321	0.2865
trec12-wc			0.7419	0.0645	0.7175	0.6877	0.1722
trec21-wc			0.9091	0.0303	0.4721	0.7959	0.0626
trec23-wc			0.6667	0.1111	0.3829	0.5243	0.2670
trec31-wc			0.8495	0.0430	0.6959	0.8031	0.2115
trec41-wc			0.7500	0.0500	0.5836	0.7020	0.2387
trec45-wc			0.7826	0.0435	0.5744	0.7465	0.1369
tuandromd			0.9686	0.0314	0.9535	0.9057	0.2732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
turkish			0.4750	0.2625	0.5426	0.3000	0.4174
tvnews			0.7919	0.2081	0.7757	0.5040	0.5607
tvnews1%			0.8308	0.1692	0.8150	0.6203	0.5846
tvnews10%			0.7957	0.2043	0.7754	0.5286	0.6279
ur3_cobotops_grip			0.9701	0.0299	0.6990	0.1496	0.0920
ur3_cobotops_stop			0.9687	0.0313	0.7137	0.3316	0.3251
urban			0.5373	0.1028	0.5777	0.4531	0.2885
urinalysis			0.9301	0.0699	0.4819	-0.0229	0.6125
ustilago1%			0.9886	0.0114	0.4971	-0.0028	0.4387
ustilago10%			0.9891	0.0109	0.5748	0.0313	0.1997
vehicle			0.6071	0.1964	0.5979	0.4617	0.4854
vehicleVAN			0.9048	0.0952	0.8730	0.7460	0.4811
voice			0.6667	0.3333	0.7500	0.4000	0.5283
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.3131	0.1249	0.2696	0.2444	0.3334
vowelZ			0.7980	0.2020	0.5319	0.0598	0.6656
vrnormat310k-hg16-17			0.9093	0.0907	0.5962	0.0320	0.3074
wap-wc			0.5577	0.0442	0.4325	0.4946	0.1966
warpar10p			0.3846	0.1231	0.2947	0.3203	0.2282
warppie10p			0.8571	0.0286	0.8821	0.8409	0.0655
watch-acc			0.6943	0.0874	0.7148	0.6423	0.3059
watch-acc1%			0.6589	0.0975	0.6942	0.6010	0.3080
watch-acc10%			0.6697	0.0944	0.6942	0.6136	0.3216
watch-gyr			0.6966	0.0867	0.7146	0.6450	0.2947
watch-gyr1%			0.6416	0.1024	0.6773	0.5805	0.3052
watch-gyr10%			0.6812	0.0911	0.7048	0.6271	0.3103
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.7020	0.1987	0.7018	0.5530	0.5557
weather-related			0.9365	0.0115	0.9466	0.9281	0.0675
web-phishing			0.8222	0.1185	0.7442	0.6677	0.3189
Weekly			0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift			0.9434	0.0226	0.9414	0.9284	0.1132
white-clover			0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc			0.9250	0.0375	0.9250	0.9000	0.1381
wilt			0.9814	0.0186	0.8938	0.7811	0.2593
wine			0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red			0.5346	0.1551	0.2015	0.2155	0.3389
winequality-white			0.4785	0.1490	0.2019	0.1716	0.4574
winnipeg			0.9571	0.0123	0.9132	0.9455	0.0745
winnipeg10%			0.9478	0.0149	0.8181	0.9338	0.0847
wisc_bc			0.8772	0.1228	0.8696	0.7387	0.5116
yale			0.3750	0.0833	0.3692	0.3333	0.2052
yeast			0.3176	0.1365	0.2229	0.1242	0.3610
yeastCYT-POX			0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.7204	0.0559	0.7477	0.6880	0.2510

Table 83: Detailed results for IREP(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1535	0.0584	0.0561	0.0582	0.4043
abalone19		0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9828	0.0172	0.6548	0.0962	0.1558
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9756	0.0244	0.9482	0.8950	0.1934
adult		0.8247	0.1753	0.7433	0.4819	0.6821
advanced-iot		0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red		0.8056	0.1944	0.6259	0.2500	0.7444
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9993	0.0007	0.4998	-0.0003	0.3124
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9966	0.0034	0.6469	0.1076	0.1562
AID604AID644_AllRed		0.9990	0.0010	0.6560	0.2496	0.3797
AID644Morered		0.5000	0.5000	0.4553	-0.0870	0.9393
AID644red		0.5500	0.4500	0.5330	0.0625	0.8958
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9967	0.0033	0.4992	-0.0006	0.3287
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8310	0.1690	0.7517	0.4888	0.6412
air_pollution		0.4033	0.1705	0.1222	-0.0004	0.3898
air-booking		0.8520	0.1480	0.6058	0.0321	0.3646
airline		0.8148	0.1852	0.8305	0.6365	0.5526
alcohol		0.7619	0.0952	0.4661	0.3855	0.2099
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.7302	0.2698	0.7145	0.4269	0.7845
anneal		0.9775	0.0090	0.9718	0.9524	0.0812
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9193	0.0403	0.8605	0.8479	0.2226
anuran-genus		0.9040	0.0240	0.8123	0.8447	0.2898
anuran-species		0.9014	0.0197	0.7991	0.8633	0.1772
anxiety		0.1000	0.2000	0.0566	-0.0172	0.6211
apple-quality		0.6525	0.3475	0.6532	0.3050	0.8738
aps-failure		0.9863	0.0137	0.7798	0.5488	0.4296
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.5500	0.4500	0.5616	0.1176	0.9262
arrhythmia		0.6889	0.0479	0.3519	0.4365	0.2209

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9853	0.0147	0.9664	0.9305	0.0577
audiology		0.8261	0.0145	0.3103	0.7978	0.0331
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.8276	0.1724	0.8505	0.6588	0.4125
autos		0.6500	0.1167	0.4433	0.5286	0.2807
avila		0.7882	0.0353	0.8691	0.7248	0.2853
babies		0.4516	0.1567	0.1902	0.1364	0.4325
balance		0.7419	0.1720	0.5208	0.5184	0.3709
bank		0.9031	0.0969	0.7002	0.3396	0.5135
banknote		0.8978	0.1022	0.9025	0.7964	0.4011
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8272	0.1728	0.8087	0.6079	0.5963
basehock		0.7035	0.2965	0.7506	0.4087	0.5360
bio		0.9960	0.0040	0.8738	0.7296	0.1765
bio10%		0.9945	0.0055	0.8334	0.6639	0.3909
biodeg		0.7524	0.2476	0.7295	0.4429	0.7259
biomed		0.4762	0.5238	0.6368	0.1217	0.5278
bitcoin1%		0.9846	0.0011	0.0471	0.0791	0.1659
bitcoin10%		0.9859	0.0010	0.0625	0.0457	0.0797
body-perf		0.6075	0.1963	0.6163	0.4766	0.5145
bookings		0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor		0.4890	0.5110	0.4866	-0.0201	0.9247
breast-cancer		0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.2727	0.2424	0.0769	0.0112	0.3799
bridges		0.7000	0.0857	0.5046	0.5714	0.1723
bub10at310k-hg16-17		0.9107	0.0893	0.6340	0.1862	0.5114
bub12at310k-hg16-17		0.9133	0.0867	0.6471	0.1919	0.4630
bub8at310k-hg16-17		0.9099	0.0901	0.6456	0.2410	0.5702
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9420	0.0580	0.9358	0.8697	0.2811
cancer-uae		0.4840	0.3440	0.3096	-0.0058	0.4861
car		0.8621	0.0690	0.8555	0.7360	0.3102
car-insurance		0.8610	0.1390	0.8380	0.6759	0.5694
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.7840	0.0432	0.6873	0.7379	0.2369
cardiotocography-nsp		0.8545	0.0970	0.7106	0.5432	0.4039
cardiovascular		0.7229	0.2771	0.7230	0.4459	0.7899
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6030	0.5062	0.4122
cas_N6512_cdk_ECFP2		0.6897	0.3103	0.6864	0.3713	0.8333
cas_N6512_rdkit_ATOMPAIR		0.6754	0.3246	0.6718	0.3420	0.8503
cas_N6512_RDkit_AtomPair_FP		0.6595	0.3405	0.6579	0.2977	0.8309
cas_N6512_rdkit_AVALON		0.7250	0.2750	0.7235	0.4381	0.7676
cas_N6512_RDkit_Avalon_FP		0.7347	0.2653	0.7325	0.4607	0.7649
cas_N6512_rdkit_descriptors		0.6692	0.3308	0.6695	0.3381	0.8558
cas_N6512_rdkit_FEATMORGAN		0.7189	0.2811	0.7165	0.4270	0.7837
cas_N6512_RDkit_Featmorgan_FP		0.6902	0.3098	0.6869	0.3713	0.8307
cas_N6512_RDkit_FP		0.6825	0.3175	0.6821	0.3463	0.8038
cas_N6512_rdkit_LAYERED		0.7138	0.2862	0.7129	0.4140	0.7763
cas_N6512_RDkit_Layered_FP		0.7040	0.2960	0.7030	0.3931	0.7876
cas_N6512_rdkit_MACCS		0.7450	0.2550	0.7434	0.4803	0.7430
cas_N6512_RDkit_MACCS_FP		0.7485	0.2515	0.7494	0.4849	0.7176
cas_N6512_rdkit_MORGAN		0.6431	0.3569	0.6578	0.2490	0.7286

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.7224	0.2776	0.7199	0.4358	0.7835
cas_N6512_rdkit_PATTERN		0.6985	0.3015	0.7020	0.3767	0.7594
cas_N6512_RDkit_pattern_FP		0.7393	0.2607	0.7369	0.4712	0.7617
cas_N6512_rdkit_RDKITFP		0.7174	0.2826	0.7170	0.4213	0.7689
cas_N6512_rdkit_TORSION		0.7031	0.2969	0.7085	0.4106	0.7982
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8483	0.1011	0.4188	0.1584	0.2978
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7254	0.2746	0.6813	0.3131	0.7124
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7880	0.5456	0.3722
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9483	0.0517	0.4867	-0.0056	0.3691
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9454	0.0546	0.7191	0.3982	0.4808
census10%		0.9462	0.0538	0.7017	0.3635	0.4984
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.8775	0.0613	0.8067	0.8154	0.2317
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8160	0.1840	0.6636	0.1747	0.4686
churn-bigml		0.9326	0.0674	0.8649	0.7298	0.4712
ci900367j_MACCS		0.6737	0.3263	0.6515	0.3030	0.8631
circles		0.9700	0.0006	0.9748	0.9697	0.0105
cirrhosis		0.5714	0.2857	0.3891	0.1467	0.7177
cjs		0.9357	0.0214	0.9369	0.9208	0.0584
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.6074	0.1963	0.4690	0.3523	0.4232
climate		0.8889	0.1111	0.6764	0.3415	0.6434
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4558	0.3628	0.4589	0.1684	0.7533
cnae-9		0.7870	0.0473	0.8283	0.7604	0.1483
codon_usage		0.7337	0.0484	0.5517	0.6753	0.3251
coil20		0.7639	0.0236	0.7851	0.7514	0.1195
college		0.8312	0.1688	0.7977	0.5926	0.6470
collins		0.9800	0.0027	0.9266	0.9780	0.0073
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.7241	0.2759	0.6748	0.2883	0.6939
colposcopies-2		0.5517	0.4483	0.5323	0.0645	0.9585
colposcopies-3		0.5862	0.4138	0.5454	0.0794	0.9150
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c		0.6897	0.3103	0.6349	0.2606	0.8063
column-2c		0.7742	0.2258	0.7489	0.4965	0.7317
column-3c		0.7419	0.1720	0.7126	0.5967	0.2586
connect-4		0.9812	0.0125	0.5565	0.3235	0.0368
cottonmeloidogyne		0.6923	0.3077	0.6926	0.3848	0.8296
coupon		0.7121	0.2879	0.7032	0.4031	0.8039
covid19		0.5355	0.1327	0.2071	0.1501	0.3335
covtype		0.7344	0.0759	0.6433	0.5675	0.4655
covtype10%		0.7115	0.0824	0.5700	0.5267	0.4689
covtypeCD		0.9324	0.0676	0.8435	0.6478	0.2693

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9553	0.0447	0.8122	0.6182	0.4602
crabs		0.7000	0.1500	0.7185	0.6000	0.2526
creditcard_trans		0.9992	0.0008	0.8776	0.7496	0.2675
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8350	0.0550	0.6707	0.6693	0.3238
cryotherapy		0.4444	0.5556	0.3077	-0.2162	0.9876
cultivars		0.0312	0.0484	0.0015	0.0000	0.4005
customer-churn		0.9780	0.0220	0.6412	0.2473	0.4994
cybersecurity		0.1733	0.2756	0.1596	0.0006	0.7108
cyclopentane		0.5556	0.4444	0.5674	0.1290	0.9318
cylinder-bands		0.6111	0.3889	0.5872	0.1317	0.8162
darwin		0.6111	0.3889	0.6118	0.2222	0.9149
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1038	0.1792	0.1099	0.0031	0.7743
dbworld		0.7143	0.2857	0.7407	0.3636	0.4644
default		0.8240	0.1760	0.7127	0.4016	0.6636
defect		0.8488	0.1512	0.6398	0.1760	0.5372
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8861	0.1139	0.6769	0.3373	0.6452
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9267	0.9328	0.0594
desharnais		0.6250	0.2500	0.2778	0.1429	0.3239
dexter		0.6500	0.3500	0.6966	0.3000	0.6324
df_final		0.3750	0.4167	0.3145	0.1011	0.4545
DIA		0.7833	0.2167	0.6723	0.3158	0.7212
diabetes		0.8846	0.1154	0.8771	0.7516	0.4687
diabetes-100k		0.9355	0.0645	0.7578	0.4911	0.4897
diabetes-risk		0.7976	0.2024	0.6363	0.0412	0.3854
diabetic1%		0.5294	0.3137	0.3279	0.0372	0.5652
diabetic10%		0.5737	0.2842	0.4255	0.1633	0.5896
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.6000	0.2000	0.5196	0.4226	0.3389
diamonds_all		0.6986	0.1206	0.6704	0.5696	0.3778
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9970	0.0030	0.4992	-0.0004	0.2737
dorothea		0.9304	0.0696	0.7832	0.5623	0.5389
dota2		0.5359	0.4641	0.5248	0.0347	0.8702
dota210%		0.5408	0.4592	0.5314	0.0527	0.9199
drebin		0.9361	0.0639	0.9321	0.8591	0.2653
dropout		0.7133	0.1911	0.6375	0.5145	0.5259
drug-01		0.3936	0.1733	0.0810	-0.0045	0.3383
drug-02		0.5106	0.1398	0.1669	0.0626	0.4358
drug-03		0.6702	0.0942	0.1477	0.0277	0.3739
drug-04		0.5426	0.1307	0.1881	0.1408	0.4992
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3936	0.1733	0.2313	0.2175	0.4756
drug-07		0.3617	0.1824	0.0759	0.0000	0.2501
drug-08		0.5691	0.1231	0.2075	0.1523	0.4050
drug-09		0.8617	0.0395	0.1322	-0.0076	0.1838
drug-10		0.5266	0.1353	0.2206	0.1517	0.3751
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6383	0.1033	0.1868	0.3079	0.3170
drug-14		0.6064	0.1125	0.2754	0.2597	0.4288

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.6170	0.1094	0.3010	0.3620	0.3963
drug-17		0.3351	0.1900	0.1862	0.0935	0.6537
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7766	0.0638	0.1885	0.0381	0.1584
drybean		0.8663	0.0382	0.8648	0.8372	0.1695
ecoli		0.8235	0.0441	0.4288	0.7536	0.1204
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2500	0.3750	0.2223	-0.0048	0.8139
eeg		0.3484	0.0814	0.3651	0.2710	0.6333
eeg-eye		0.6722	0.3278	0.6705	0.3406	0.8546
eeg10%		0.3080	0.0865	0.2734	0.2284	0.6653
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6849	0.1260	0.6601	0.5934	0.3726
euthyroid		0.9399	0.0601	0.8084	0.5325	0.1598
exon.vs.intron-freq		0.8853	0.1147	0.8874	0.7712	0.4583
exon.vs.intron-freq10%		0.8643	0.1357	0.8650	0.7288	0.5227
fakenews		0.5100	0.4900	0.5114	0.0222	0.9841
fbis-wc		0.7073	0.0344	0.6180	0.6682	0.2395
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5098	0.4902	0.4261	-0.0687	0.8712
financial-risk		0.7285	0.0905	0.6989	0.5451	0.2954
fishcatch		0.3125	0.2292	0.1513	0.1737	0.3040
flags		0.5500	0.1125	0.3224	0.4357	0.2402
forest		0.7885	0.1058	0.7468	0.7064	0.2661
gas		0.8857	0.0381	0.8866	0.8616	0.1805
gastrointestinal		0.6875	0.2083	0.5017	0.4521	0.4318
gender		0.6063	0.2625	0.4529	0.1656	0.5488
gene		0.9243	0.0505	0.9173	0.8787	0.2268
german		0.6600	0.3400	0.5798	0.1260	0.8246
gestures		0.7149	0.1426	0.7445	0.6198	0.3882
gina		0.8617	0.1383	0.8623	0.7228	0.5256
gisette		0.9129	0.0871	0.9141	0.8257	0.3790
glass		0.4762	0.1746	0.3173	0.3084	0.3633
glass-g2		0.5000	0.5000	0.5000	0.0000	0.9613
glassBWFP		0.6667	0.3333	0.6777	0.3408	0.8132
glassBWNFP		0.6190	0.3810	0.5397	0.0769	0.9308
glassContainers		0.7727	0.2273	0.7412	0.3529	0.4711
glassNW		0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware		0.7727	0.2273	0.7019	0.2254	0.3467
glassVWFP		0.6667	0.3333	0.4000	-0.0889	0.3372
GlaucomaM		0.6842	0.3158	0.6910	0.3736	0.8166
gli_85		0.3750	0.6250	0.6117	0.0909	0.4711
glioma		0.6000	0.2000	0.3684	0.4118	0.2279
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.5333	0.2333	0.5533	0.3598	0.4044
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.7447	0.0425	0.6311	0.6985	0.2116
har		0.8017	0.0793	0.8030	0.7512	0.3264
har701%		0.8031	0.0563	0.4814	0.7157	0.2484
har7010%		0.8420	0.0451	0.5010	0.7701	0.2390
harth1%		0.7965	0.0339	0.4239	0.7193	0.2375
harth10%		0.8048	0.0325	0.4961	0.7293	0.2745
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8065	0.1935	0.8048	0.6043	0.6369
heart-c		0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure		0.8940	0.1060	0.8830	0.7626	0.4804
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%		0.8176	0.1824	0.8192	0.6355	0.6202
hepmass10%		0.8217	0.1783	0.8229	0.6435	0.6138
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.6923	0.3077	0.5667	0.1333	0.8605
higgs0.1%		0.6245	0.3755	0.6241	0.2480	0.9052
higgs1%		0.6405	0.3595	0.6373	0.2722	0.8870
higgs10%		0.6588	0.3412	0.6572	0.3063	0.8539
higher		0.2143	0.1964	0.1492	0.0375	0.3820
hinselmann		0.7000	0.3000	0.6098	0.2105	0.7892
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8634	0.1366	0.7249	0.4291	0.6209
hiva		0.9645	0.0355	0.6382	0.1986	0.4361
horse		0.6944	0.2037	0.6544	0.4116	0.3234
hotel-reservartions		0.7991	0.2009	0.7872	0.5677	0.6719
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.7656	0.1563	0.7928	0.6499	0.3448
ht-sensor10%		0.7660	0.1560	0.7914	0.6501	0.3545
htru2		0.9659	0.0341	0.9022	0.8034	0.4024
hypothyroid		0.9708	0.0146	0.6869	0.8469	0.2335
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.5556	0.4444	0.6897	0.2500	0.5000
instagram		0.8047	0.0977	0.8423	0.7396	0.1555
ionosphere		0.8000	0.2000	0.7710	0.4394	0.3785
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.6842	0.0243	0.6989	0.6716	0.2388
jm1		0.8026	0.1974	0.5924	0.1322	0.6884
jvowels		0.7841	0.0480	0.7886	0.7561	0.2679
kc1		0.8578	0.1422	0.6870	0.1444	0.2864
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.5714	0.0357	0.0526	0.2364	0.1779
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8269	0.1731	0.7165	0.4236	0.6904
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.9972	0.0004	0.7855	0.9952	0.0176
kepler		0.8556	0.0962	0.8129	0.7654	0.2805
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9250	0.0750	0.9195	0.8378	0.3507
krkopt		0.3355	0.0738	0.2705	0.2362	0.4635
krvskp		0.9687	0.0313	0.9696	0.9374	0.1584
la2s-wc		0.6391	0.1203	0.6388	0.5275	0.3772
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.0294	0.0485	0.0014	0.0000	0.3575
led24		0.6000	0.0800	0.5958	0.5518	0.1903
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.7105	0.0223	0.7335	0.6988	0.2514
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
libra		0.0556	0.1259	0.0107	-0.0183	0.4266
linkage		0.9998	0.0002	0.9884	0.9765	0.0041
linkage1%		0.9995	0.0005	0.9634	0.9266	0.1329
linkage10%		0.9998	0.0002	0.9881	0.9762	0.0878
liver		0.5882	0.4118	0.5514	0.1019	0.9203
loan		0.9438	0.0562	0.9402	0.8804	0.3003
localization		0.5604	0.0799	0.3267	0.4263	0.4890
localization10%		0.5036	0.0902	0.2722	0.3522	0.5050
lrs		0.4906	0.1019	0.2625	0.3120	0.3830
lung		0.8095	0.0762	0.6680	0.6543	0.2067
lung_discrete		0.6250	0.1071	0.5000	0.5472	0.1105
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard2		0.5000	0.5000	0.6604	0.1818	0.4422
lung-cancer-michigan		0.3333	0.6667	0.5970	0.0690	0.3113
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3974	0.4955	0.2340
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.6615	0.3385	0.6635	0.3231	0.8573
magic04		0.7733	0.2267	0.7444	0.4851	0.7272
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8334	0.6662	0.5966
marketing		0.8705	0.1295	0.6854	0.2211	0.4004
maternal		0.6238	0.2508	0.6512	0.4125	0.5016
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8161	0.1226	0.4165	0.2326	0.3967
mental-disorders		0.5833	0.2083	0.5595	0.4444	0.2769
mental-health		0.1867	0.3253	0.1544	-0.0133	0.6394
messidor		0.6000	0.4000	0.6428	0.2421	0.7917
meter-A		0.3750	0.6250	0.2727	0.0000	0.5170
meter-B		0.2222	0.5185	0.1212	0.0000	0.4199
meter-C		0.8889	0.0556	0.7174	0.8407	0.0690
meter-D		0.8889	0.0556	0.7092	0.8414	0.0898
mfeat-fac		0.8300	0.0340	0.8376	0.8111	0.1705
mfeat-fou		0.6800	0.0640	0.6830	0.6444	0.2789
mfeat-kar		0.8250	0.0350	0.8275	0.8056	0.1964
mfeat-mor		0.6550	0.0690	0.6632	0.6167	0.1890
mfeat-pix		0.8500	0.0300	0.8654	0.8333	0.1532
mfeat-zer		0.6900	0.0620	0.7072	0.6556	0.2882
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9151	0.0566	0.9332	0.8704	0.1311
mines		0.4412	0.2235	0.3796	0.3046	0.4066
mobile		0.2832	0.0256	0.2824	0.2701	0.2954
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		0.9865	0.0135	0.9866	0.9729	0.0809
music		0.4611	0.0980	0.4677	0.3460	0.5598
musk		0.9379	0.0621	0.8747	0.7449	0.3896
MUT_ci300400a_cdk_ECFP2		0.7362	0.2638	0.7286	0.4571	0.7765
MUT_ci300400a_cdk_ECFP4		0.7557	0.2443	0.7458	0.4891	0.7426
MUT_ci300400a_cdk_ECFP6		0.7150	0.2850	0.7016	0.3926	0.7871
MUT_ci300400a_cdk_ESTATE		0.7242	0.2758	0.7117	0.4177	0.7844
MUT_ci300400a_cdk_EXTENDED		0.7302	0.2698	0.7180	0.4253	0.7642
MUT_ci300400a_cdk_FCFP2		0.6922	0.3078	0.6791	0.3221	0.7616
MUT_ci300400a_cdk_FCFP4		0.6643	0.3357	0.6474	0.2536	0.7852

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_FCFP6		0.6403	0.3597	0.6287	0.1756	0.7121
MUT_ci300400a_cdk_MACCS		0.7446	0.2554	0.7341	0.4537	0.7318
MUT_ci300400a_cdk_PUBCHEM		0.7605	0.2395	0.7507	0.4983	0.7333
MUT_ci300400a_cdk_STANDARD		0.7389	0.2611	0.7272	0.4452	0.7540
MUT_ci300400a_rdkit_descriptors		0.7168	0.2832	0.7062	0.4042	0.7881
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9352	0.0648	0.9367	0.8704	0.2969
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.3333	0.1481	0.1905	0.2500	0.0863
ncRNA1%		0.8773	0.0129	0.3817	0.6413	0.2049
ncRNA10%		0.8908	0.0115	0.4485	0.6826	0.3593
neo		0.9059	0.0941	0.6378	0.0900	0.3287
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT		0.7619	0.2381	0.7646	0.4262	0.5170
newspop		0.6211	0.3789	0.6181	0.2231	0.8803
NHANES_age_prediction		0.9780	0.0220	0.9624	0.9219	0.2562
nomao		0.9321	0.0679	0.9171	0.8342	0.3726
NPHA-doctor-visits		0.3333	0.4444	0.2660	-0.0588	0.5604
nursery		0.9221	0.0312	0.7033	0.8853	0.0844
obesity		0.6114	0.1110	0.6496	0.5461	0.3357
obs		0.8519	0.0741	0.8849	0.7795	0.2073
occupancy		0.9771	0.0229	0.9677	0.9354	0.1789
Occupancy_Estimation		0.9704	0.0148	0.9214	0.9069	0.0859
oh0-wc		0.7426	0.0515	0.7080	0.6992	0.1765
oh10-wc		0.5714	0.0857	0.5710	0.5100	0.3104
oh15-wc		0.6087	0.0783	0.6199	0.5502	0.3010
oh5-wc		0.6484	0.0703	0.7257	0.6081	0.2294
ohscal-wc		0.5896	0.0821	0.6114	0.5394	0.4082
olive		0.7895	0.0468	0.7880	0.7441	0.1734
opn310k		0.9118	0.0882	0.6467	0.2232	0.5274
opn310k10%		0.9142	0.0858	0.6339	0.1321	0.4020
opnat310k-hg16-17		0.9147	0.0853	0.6584	0.2195	0.4645
optdigits		0.8096	0.0381	0.8361	0.7883	0.1940
optdigitsZ		0.9822	0.0178	0.9430	0.8793	0.0647
orl		0.0250	0.0488	0.0014	0.0000	0.3816
ovarian-cancer		0.8000	0.2000	0.8070	0.5955	0.6232
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7474	0.2526	0.7028	0.3904	0.7538
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8566	0.7131	0.5449
p53-mutants10%		0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks		0.9653	0.0139	0.8907	0.7995	0.2777
parkinson		0.9333	0.0667	0.9312	0.8603	0.3074
parkinsons		0.7156	0.2844	0.6915	0.3809	0.8115
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8473	0.1527	0.8004	0.5802	0.5482
particle10%		0.8254	0.1746	0.7709	0.5304	0.6352
pasture		0.7500	0.1667	0.5714	0.6000	0.1321
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5722	0.4278	0.3639	-0.0205	0.6375
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8026	0.1974	0.7323	0.4643	0.7220
pendigits		0.7944	0.0411	0.8317	0.7720	0.1829
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.7843	0.2157	0.7673	0.5019	0.6196
personalities		0.5852	0.0519	0.6542	0.5575	0.3652
pet-adoption		0.8950	0.1050	0.8808	0.7616	0.4719

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
phishing			0.9429	0.0571	0.9419	0.8819	0.2984
PhiUSIIL			0.9827	0.0173	0.9828	0.9649	0.1119
PhiUSIIL10%			0.9835	0.0165	0.9835	0.9664	0.1084
phone-acc0.1%			0.7496	0.0715	0.7293	0.7070	0.2456
phone-acc1%			0.7889	0.0603	0.7756	0.7533	0.2199
phone-gyr0.1%			0.7868	0.0609	0.7744	0.7508	0.2398
phone-gyr1%			0.8143	0.0531	0.8040	0.7828	0.2251
phoneme			0.7648	0.2352	0.7345	0.4623	0.7377
phy			0.6462	0.3538	0.6484	0.2930	0.8741
pima			0.6974	0.3026	0.6992	0.3914	0.8043
pirvision			0.9863	0.0091	0.9759	0.9564	0.0828
placement			0.7610	0.2390	0.7610	0.5185	0.7259
plant-growth			0.7368	0.2632	0.7841	0.4865	0.4786
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.6206	0.0843	0.1946	0.2885	0.2601
poker1%			0.5083	0.0983	0.1019	0.0428	0.2594
poker10%			0.5111	0.0978	0.1028	0.0303	0.2102
polish-1st			0.9659	0.0341	0.7099	0.1938	0.1019
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9425	0.0575	0.7206	0.3694	0.4113
polya			0.6973	0.3027	0.6478	0.2733	0.8095
popularity			0.6444	0.2371	0.4959	0.1204	0.4533
post-operative			0.7778	0.1481	0.5045	0.4000	0.2005
postures			0.8420	0.0632	0.8527	0.8023	0.2057
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6041	0.2059	0.9196
prestige			0.4444	0.3704	0.4365	0.1509	0.3887
primary-tumor			0.4545	0.0496	0.1946	0.3883	0.2371
processed			0.9609	0.0391	0.9552	0.9082	0.1860
profb			0.6716	0.3284	0.6278	0.2556	0.8706
promoters			0.7000	0.3000	0.7674	0.4444	0.5112
prostate			0.5000	0.5000	0.5215	0.0392	0.9438
prostate_GE			0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio			0.8783	0.0487	0.8118	0.8349	0.1864
puc-rio10%			0.8546	0.0582	0.7896	0.8024	0.2198
pufs-1281%			0.4912	0.5088	0.4911	-0.0177	1.0000
pufs-12810%			0.5014	0.4986	0.5017	0.0028	0.9426
pufs-64			0.5024	0.4976	0.5024	0.0048	0.9979
pufs-641%			0.4988	0.5012	0.4986	-0.0027	0.9913
pufs-6410%			0.5072	0.4928	0.5074	0.0142	0.9801
pulsar			0.9713	0.0287	0.9090	0.8082	0.1970
raisin			0.8778	0.1222	0.8779	0.7556	0.4920
re0-wc			0.7133	0.0441	0.4944	0.6133	0.3395
re1-wc			0.7169	0.0227	0.5353	0.6702	0.2362
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9637	0.0363	0.9635	0.9269	0.2115
rocket			0.6241	0.3759	0.6153	0.0996	0.6141
RT_IOT2022			0.9921	0.0013	0.9527	0.9802	0.0112
satimage			0.7854	0.0715	0.7611	0.7331	0.2671
satimageF			0.9922	0.0078	0.9801	0.9602	0.1342
satimageT			0.9005	0.0995	0.7373	0.4739	0.6378
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.2222	0.7778	0.3214	-0.1887	0.7422
schizo			0.6471	0.3529	0.6574	0.2941	0.8295
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
secondary_mushroom			0.8890	0.1110	0.8999	0.7806	0.3551
seeds			0.9048	0.0635	0.9048	0.8571	0.1813
segment			0.8745	0.0359	0.8856	0.8531	0.1501
segmentation			0.7574	0.2426	0.7305	0.4595	0.7559
segmentO			0.9784	0.0216	0.9561	0.9082	0.0792
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9748	0.0252	0.9274	0.8437	0.0852
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8605	0.1395	0.5709	0.0879	0.6168
sens-3-gram			0.8658	0.1342	0.5503	0.0232	0.4453
sens-4-gram			0.8658	0.1342	0.5503	0.0232	0.4453
sens-5-gram			0.8658	0.1342	0.5694	0.0500	0.4928
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-8-gram			0.8737	0.1263	0.6333	0.1180	0.4289
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9256	0.0135	0.9276	0.9182	0.0817
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9011	0.0989	0.8032	0.6052	0.5655
shuttle			0.9686	0.0090	0.5697	0.9156	0.0831
sick			0.9576	0.0424	0.8417	0.6810	0.5094
sirtuin6			0.5000	0.5000	0.3333	0.0000	0.5283
skin			0.9475	0.0525	0.9218	0.8433	0.3599
skin10%			0.9367	0.0633	0.9045	0.8090	0.3992
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2200	0.3900	0.1517	-0.0506	0.7592
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6983	0.3017	0.7534	0.4378	0.6101
soil_pollution			0.1867	0.3253	0.1855	-0.0224	0.7122
solar-flare			0.7194	0.0935	0.6285	0.6452	0.2462
sonar			0.6000	0.4000	0.6269	0.2000	0.7816
soybean			0.9265	0.0077	0.9335	0.9196	0.0444
spam-detection			0.9495	0.0505	0.8384	0.6730	0.4437
spambase			0.8630	0.1370	0.8620	0.6978	0.4068
spect			0.6667	0.3333	0.5950	0.1818	0.8134
spectf			0.6857	0.3143	0.4068	-0.0548	0.7485
spectrometer			0.2642	0.0307	0.0620	0.2138	0.2096
splice-EI			0.9464	0.0536	0.9293	0.8585	0.3321
splice-IE			0.9369	0.0631	0.9127	0.8253	0.3761
sport-articles			0.7800	0.2200	0.7574	0.5061	0.6970
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.2000	0.5333	0.1111	-0.1765	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8062	0.1292	0.7751	0.6907	0.4178
steel-b			0.8359	0.1641	0.7201	0.4110	0.6333
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9487	0.0513	0.9230	0.8456	0.3574
steel-o			0.7333	0.2667	0.6888	0.3557	0.7602
steel-p			0.8872	0.1128	0.7182	0.4170	0.6314
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9226	0.8401	0.3898
stellar			0.9560	0.0293	0.9490	0.9219	0.1590
stock			0.8889	0.1111	0.8020	0.6006	0.5660
stockb			0.9692	0.0206	0.9692	0.9537	0.0907
streaming			0.7620	0.2380	0.7587	0.5170	0.7327
stress			0.9524	0.0190	0.9562	0.9404	0.0448
student-lifestyle			0.5700	0.1720	0.3145	0.3059	0.4604

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
student-depression			0.8022	0.1978	0.7983	0.5958	0.6647
student-habits			0.3900	0.2440	0.1805	0.0359	0.5102
student-weekend			0.4154	0.2338	0.2709	0.1613	0.5285
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.3089	0.0000	0.5640
susy1%			0.7656	0.2344	0.7632	0.5251	0.7235
susy10%			0.7606	0.2394	0.7584	0.5165	0.7343
tae			0.4000	0.4000	0.4255	0.1000	0.6126
telco-churn			0.8239	0.1761	0.7581	0.4511	0.5086
texture			0.8673	0.0241	0.8781	0.8537	0.1483
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9686	0.0314	0.6170	0.2340	0.5865
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8811	0.1189	0.8334	0.6293	0.3827
tis10%			0.8881	0.1119	0.8432	0.6524	0.3647
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.1667	0.1212	0.0857	0.2472
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6898	0.2056	0.4505
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6800	0.3200	0.4048	-0.1364	0.9011
trec11-wc			0.7073	0.0650	0.5551	0.6518	0.2515
trec12-wc			0.6129	0.0968	0.5945	0.5362	0.2693
trec21-wc			0.8788	0.0404	0.7491	0.7490	0.1653
trec23-wc			0.6667	0.1111	0.5472	0.5477	0.2852
trec31-wc			0.8710	0.0430	0.7318	0.8288	0.1717
trec41-wc			0.8409	0.0318	0.6909	0.8075	0.1344
trec45-wc			0.7826	0.0435	0.6255	0.7463	0.1585
tuandromd			0.9484	0.0516	0.9257	0.8481	0.3702
turkish			0.6250	0.1875	0.5618	0.5000	0.3305
tvnews			0.7929	0.2071	0.7766	0.5070	0.5620
tvnews1%			0.7923	0.2077	0.7712	0.5276	0.6563
tvnews10%			0.7687	0.2313	0.7467	0.4506	0.6311
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9619	0.0381	0.4903	-0.0026	0.2791
urban			0.5821	0.0929	0.5931	0.5106	0.2790
urinalysis			0.9371	0.0629	0.4838	-0.0126	0.4999
ustilago1%			0.9853	0.0147	0.4963	-0.0066	0.5661
vehicle			0.6310	0.1845	0.5709	0.4953	0.5001
vehicleVAN			0.9286	0.0714	0.9025	0.8033	0.3723
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.3535	0.1175	0.3845	0.2889	0.3834
vowelZ			0.9091	0.0909	0.6517	0.2667	0.5942
vrnormat310k-hg16-17			0.9099	0.0901	0.6132	0.1013	0.4202
wap-wc			0.5897	0.0410	0.4360	0.5402	0.2616
warpar10p			0.2308	0.1538	0.1404	0.1613	0.2744
warppie10p			0.3333	0.1333	0.3700	0.2632	0.3093
watch-acc1%			0.7300	0.0771	0.7332	0.6832	0.3068
watch-acc10%			0.7184	0.0805	0.7234	0.6689	0.3074
watch-gyr1%			0.7711	0.0654	0.7753	0.7326	0.2651
watch-gyr10%			0.7613	0.0682	0.7665	0.7211	0.2678
water_pollution			0.2300	0.3850	0.1998	-0.0252	0.7151
waveform			0.7400	0.1733	0.7413	0.6101	0.5030
weather-related			0.9500	0.0091	0.9596	0.9434	0.0679

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
web-phishing			0.8148	0.1235	0.6975	0.6538	0.3967
Weekly			0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift			0.8245	0.0702	0.8320	0.7792	0.2330
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9300	0.0350	0.9334	0.9067	0.1189
wilt			0.9814	0.0186	0.8924	0.7711	0.1899
wine			0.6471	0.2353	0.6463	0.4545	0.4616
winequality-red			0.5346	0.1551	0.1967	0.2105	0.3382
winequality-white			0.4990	0.1431	0.2662	0.1891	0.4150
winnipeg10%			0.9073	0.0265	0.9299	0.8824	0.1211
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.0625	0.1250	0.0190	0.0000	0.3357
yeast			0.5135	0.0973	0.2869	0.3810	0.4882
yeastCYT-POX			0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC			0.8986	0.1014	0.4733	-0.0413	0.4155
yeastME1			0.9527	0.0473	0.8027	0.5141	0.5131
yeastME2			0.9122	0.0878	0.5438	0.0873	0.6316
zip			0.7419	0.0516	0.7482	0.7121	0.2745

Table 84: Detailed results for J48(R)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1542	0.0806	0.1158	0.0733	0.6395
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9847	0.0153	0.7127	0.3235	0.2803
accident		0.6000	0.4000	0.6000	0.2000	0.9288
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.8645	0.1355	0.7986	0.5801	0.5428
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.9108	0.0892	0.8744	0.7360	0.3719
air_pollution		0.4033	0.1705	0.0821	-0.0039	0.3725
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8762	0.0495	0.7532	0.7407	0.2621
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.9535	0.0465	0.9489	0.8970	0.2464
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family		0.9652	0.0174	0.8761	0.9340	0.1666
anuran-genus		0.9569	0.0108	0.8748	0.9286	0.1564
anuran-species		0.9625	0.0075	0.9176	0.9478	0.1198
anxiety		0.1000	0.2000	0.0989	-0.0128	0.7764
apple-quality		0.8000	0.2000	0.8007	0.6000	0.6597
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.8000	0.2000	0.8062	0.6000	0.6335
arrhythmia		0.7778	0.0444	0.6116	0.6617	0.1742
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.8636	0.0248	0.7430	0.8413	0.0535
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8500	0.0600	0.8805	0.8000	0.1433
avila		0.9942	0.0010	0.9924	0.9925	0.0086
babies		0.4677	0.1521	0.1541	0.1579	0.3792
balance		0.8548	0.0968	0.5977	0.7333	0.3403
bank		0.9141	0.0859	0.7697	0.5361	0.5748
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8410	0.1590	0.8245	0.6414	0.5692
basehock		0.8945	0.1055	0.8945	0.7890	0.4477
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9952	0.0048	0.8591	0.7176	0.3802
biodeg		0.8667	0.1333	0.8603	0.7200	0.5345
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9867	0.0024	0.2171	0.1894	0.2238
body-perf		0.7209	0.1396	0.7233	0.6279	0.4271
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.6525	0.5600	0.2067
bridges		0.7000	0.1000	0.4667	0.4828	0.1799
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9655	0.0172	0.9349	0.9274	0.1682
car-insurance		0.8560	0.1440	0.8298	0.6586	0.5762
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.8169	0.0366	0.7948	0.7789	0.1949
cardiotocography-nsp		0.9202	0.0532	0.8562	0.7862	0.3168
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8500	0.1000	0.8187	0.7257	0.2613
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.7215	0.2785	0.7189	0.4348	0.7872
cas_N6512_RDkit_AtomPair_FP		0.7209	0.2791	0.7186	0.4371	0.7941
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7723	0.2277	0.7715	0.5428	0.7144
cas_N6512_rdkit_FEATMORGAN		0.7512	0.2488	0.7500	0.5000	0.7490
cas_N6512_RDkit_Featmorgan_FP		0.7347	0.2653	0.7329	0.4658	0.7745
cas_N6512_RDkit_FP		0.7147	0.2853	0.7132	0.4263	0.8025
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7588	0.2412	0.7567	0.5113	0.7323
cas_N6512_RDkit_MACCS_FP		0.7853	0.2147	0.7852	0.5696	0.6903
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7927	0.2073	0.7729	0.5459	0.6982
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9994	0.0006	0.8218	0.6204	0.2692
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8550	0.1450	0.7485	0.4576	0.5577
churn-bigml		0.9625	0.0375	0.9219	0.8396	0.2449
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.6628	0.4797	0.5224
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7500	0.1250	0.5944	0.6134	0.5200
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.5833	0.2778	0.6667	0.3333	0.4065
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5714	0.2857	0.5410	0.3292	0.6776
cnae-9		0.9167	0.0185	0.9192	0.9062	0.0930
codon_usage		0.8289	0.0311	0.6507	0.7915	0.2625
coil20		0.9306	0.0069	0.9324	0.9269	0.0470
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2		0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3		0.5517	0.4483	0.5209	0.0407	0.9707
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.6207	0.3793	0.6202	0.2350	0.8975
colposcopies-c		0.7586	0.2414	0.6545	0.3072	0.7986
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7188	0.2812	0.7187	0.4374	0.7960
coupon		0.7066	0.2934	0.6971	0.3821	0.7925

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.8492	0.0431	0.7703	0.7570	0.3300
covtypeCD		0.9876	0.0124	0.9734	0.9464	0.1206
covtypeT		0.9839	0.0161	0.9369	0.8735	0.2481
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced		0.9041	0.0320	0.6841	0.8017	0.3844
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.3438	0.0328	0.2371	0.3260	0.0984
customer-churn		0.9830	0.0170	0.7386	0.4369	0.3908
cybersecurity		0.1700	0.2767	0.1718	0.0038	0.8825
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.7407	0.2593	0.7385	0.4757	0.7630
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8267	0.1733	0.7127	0.3792	0.6123
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9002	0.0998	0.7250	0.4364	0.5990
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9189	0.0270	0.9249	0.8991	0.0971
desharnais		0.6250	0.2500	0.4869	0.2258	0.4685
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.5625	0.2917	0.6061	0.3171	0.5375
DIA		0.8000	0.2000	0.7333	0.4667	0.7248
diabetes		0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5588	0.2941	0.3563	0.1063	0.5110
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7716	0.0914	0.7705	0.6753	0.3295
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.3333	0.6667	0.3429	-0.2973	1.0000
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5485	0.4515	0.5421	0.0809	0.9581
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7698	0.1535	0.7053	0.6138	0.4594
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.2595	0.2571	0.4802
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5851	0.1185	0.1589	0.1696	0.4847
drug-14		0.5798	0.1201	0.2567	0.2772	0.5554
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.6011	0.1140	0.2741	0.3441	0.4225
drug-17		0.3617	0.1824	0.1384	0.0973	0.4992
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9221	0.0223	0.9317	0.9057	0.1261
ecoli		0.7941	0.0686	0.6417	0.7180	0.2594
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU		0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2100	0.3950	0.2112	-0.0524	0.8738
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.8331	0.1669	0.8313	0.6627	0.6004
eeg10%		0.3113	0.0861	0.3001	0.2386	0.7277
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5753	0.1699	0.5585	0.4629	0.4584
euthyroid		0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9352	0.0648	0.9351	0.8699	0.3179
fakenews		0.5375	0.4625	0.5380	0.0757	0.9752
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.6748	0.0383	0.5864	0.6302	0.2790
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8269	0.0865	0.8311	0.7595	0.1851
gas		0.9734	0.0089	0.9723	0.9677	0.0642
gastrointestinal		0.6250	0.2500	0.6792	0.4545	0.4414
gender		0.6063	0.2625	0.5167	0.1598	0.5069
gene		0.9432	0.0379	0.9393	0.9094	0.1664
german		0.6900	0.3100	0.6322	0.2439	0.8259
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9078	0.0922	0.9085	0.8157	0.4024
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7143	0.0952	0.6866	0.6075	0.2208
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8690	0.1310	0.8707	0.7360	0.5042
green		0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage		0.4000	0.3000	0.3332	0.1768	0.5734
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.4231	0.0000	0.4155

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.9735	0.0106	0.9722	0.9665	0.0700
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.9066	0.0267	0.5534	0.8615	0.1517
har7010%		0.9186	0.0233	0.5761	0.8787	0.1940
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.8592	0.0235	0.5388	0.8073	0.2210
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.8065	0.1935	0.8096	0.6141	0.6376
heart-c		0.7333	0.2667	0.7474	0.4495	0.6523
heart-failure		0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum		0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6527	0.3473	0.6503	0.3001	0.8773
higgs1%		0.6957	0.3043	0.6939	0.3874	0.8270
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1215	0.0494	0.3364
hinselmann		0.7000	0.3000	0.6098	0.2105	0.7892
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8718	0.1282	0.7463	0.4765	0.6025
hiva		0.9574	0.0426	0.5920	0.1629	0.5802
horse		0.6667	0.2222	0.6189	0.3864	0.4672
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9964	0.0024	0.9966	0.9946	0.0167
htru2		0.9793	0.0207	0.9357	0.8697	0.2166
hypothyroid		0.9867	0.0066	0.7218	0.9220	0.1050
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.6271	0.3729	0.5455	0.0910	0.9108
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.7972	0.0156	0.8019	0.7891	0.1722
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.8956	0.0232	0.8900	0.8818	0.1641
kc1		0.8578	0.1422	0.6618	0.2066	0.4924
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.9982	0.0003	0.8198	0.9969	0.0256

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.8703	0.0865	0.8245	0.7856	0.2362
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.8431	0.0174	0.8627	0.8248	0.1947
krvskp		0.9875	0.0125	0.9875	0.9749	0.0906
la1s-wc		0.2317	0.2561	0.0627	0.0000	0.3731
la2s-wc		0.2517	0.2494	0.0670	0.0000	0.3690
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.4118	0.0294	0.2094	0.3918	0.0931
led24		0.6500	0.0700	0.6082	0.6034	0.1889
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8800	0.0092	0.8797	0.8752	0.1378
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8333	0.0222	0.8497	0.8209	0.0649
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6176	0.3824	0.5735	0.1467	0.9099
loan		0.9883	0.0117	0.9875	0.9750	0.0789
localization		0.7332	0.0485	0.5203	0.6641	0.5033
localization10%		0.6487	0.0639	0.4053	0.5533	0.5424
lrs		0.8302	0.0485	0.8761	0.7687	0.1700
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.5000	0.2000	0.4160	0.3600	0.2441
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.8857	0.7938	0.1791
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1905	0.4956	0.4667	0.4027
lymphoma2		0.6667	0.1111	0.4000	0.5500	0.1046
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.6885	0.3115	0.6887	0.3769	0.8343
magic04		0.8469	0.1531	0.8292	0.6563	0.5792
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8229	0.6421	0.6074
marketing		0.8705	0.1295	0.6806	0.2760	0.5223
maternal		0.8317	0.1122	0.8347	0.7446	0.3750
math		0.8750	0.0625	0.8568	0.8079	0.1944
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.2200	0.3120	0.2223	0.0253	0.8558
messidor		0.6174	0.3826	0.6360	0.2559	0.8572
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac		0.8850	0.0230	0.8902	0.8722	0.1177
mfeat-fou		0.7750	0.0450	0.7702	0.7500	0.2094
mfeat-kar		0.8050	0.0390	0.8066	0.7833	0.2056
mfeat-mor		0.7250	0.0550	0.7024	0.6944	0.1883
mfeat-pix		0.8850	0.0230	0.8848	0.8722	0.1371
mfeat-zer		0.7350	0.0530	0.7304	0.7056	0.2256
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mines		0.5882	0.1647	0.5671	0.4820	0.4258
mobile		0.6608	0.0121	0.6718	0.6547	0.1587
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9016	0.0984	0.8943	0.7663	0.2680
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4806	0.0944	0.4989	0.3768	0.5647
musk		0.9591	0.0409	0.9203	0.8403	0.3184
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7662	0.2338	0.7580	0.5155	0.7293
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.8201	0.1799	0.8141	0.6277	0.6296
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.8156	0.1844	0.8093	0.6181	0.6390
MUT_ci300400a_rdkit_descriptors		0.8296	0.1704	0.8250	0.6494	0.6083
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9707	0.0293	0.9707	0.9414	0.1786
NCI60		0.3333	0.2222	0.3333	0.2000	0.2322
nci9		0.1667	0.2778	0.1667	0.0000	0.3261
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.9063	0.0099	0.4571	0.7349	0.3572
ncRNA10%		0.9266	0.0077	0.6379	0.8041	0.6537
neo		0.9150	0.0850	0.6924	0.2791	0.4180
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6587	0.3413	0.6559	0.3107	0.8698
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9571	0.0429	0.9472	0.8945	0.2663
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.9992	0.0004	0.9994	0.9989	0.0028
obesity		0.9242	0.0217	0.9242	0.9114	0.1040
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9932	0.0068	0.9905	0.9809	0.0835
Occupancy_Estimation		0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc		0.8515	0.0297	0.8615	0.8296	0.1346
oh10-wc		0.6952	0.0610	0.7175	0.6525	0.2722
oh15-wc		0.7609	0.0478	0.7587	0.7282	0.2271
oh5-wc		0.7692	0.0462	0.7898	0.7385	0.2012
olive		0.9298	0.0156	0.9215	0.9118	0.0463
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.6502	0.2614	0.5875
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.8754	0.0249	0.8806	0.8616	0.1579
optdigitsZ		0.9929	0.0071	0.9780	0.9561	0.1305
orl		0.6750	0.0163	0.6445	0.6667	0.0587
orlraws10P		0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.7948	0.5875	0.6449
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
page-blocks			0.9762	0.0095	0.9085	0.8708	0.2129
parkinson			0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons			0.9194	0.0806	0.9139	0.8268	0.3712
parkinsons-small			0.9474	0.0526	0.9399	0.8725	0.3145
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.8892	0.1108	0.8638	0.7276	0.5121
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.6277	0.1763	0.4947
pcmac			0.5103	0.4897	0.4023	-0.1225	0.9499
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.7895	0.2105	0.7007	0.3962	0.7434
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.9645	0.0071	0.9642	0.9605	0.0597
period			0.7778	0.2222	0.7568	0.4000	0.4011
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.7755	0.2245	0.7544	0.4928	0.6849
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9450	0.0550	0.9376	0.8722	0.2569
phishing			0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.9043	0.0273	0.8985	0.8881	0.1122
phone-acc1%			0.9805	0.0056	0.9792	0.9772	0.0352
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.9088	0.0260	0.9008	0.8934	0.1114
phone-gyr1%			0.9689	0.0089	0.9656	0.9636	0.0445
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8870	0.1130	0.8658	0.7298	0.5173
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7027	0.3824	0.7533
pirvision			0.9954	0.0030	0.9920	0.9854	0.0215
placement			0.7850	0.2150	0.7813	0.5620	0.6952
plant-growth			0.6842	0.3158	0.6841	0.3596	0.8222
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5229	0.1363	0.1644	0.0513	0.2031
poker10%			0.6357	0.0911	0.2256	0.3102	0.2655
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9666	0.0334	0.7256	0.2532	0.1004
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9592	0.0408	0.7489	0.4125	0.3058
polish-5th			0.9492	0.0508	0.7625	0.4608	0.3502
polya			0.7384	0.2616	0.7042	0.4011	0.7764
popularity			0.6699	0.2201	0.4182	0.2126	0.4732
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6777	0.3529	0.8439
prestige			0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor			0.4242	0.0886	0.3229	0.3529	0.2605
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7164	0.2836	0.6476	0.2629	0.7776
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9861	0.0056	0.9740	0.9813	0.0435
puc-rio10%			0.9722	0.0111	0.9486	0.9628	0.0751
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
pufs-1281%		0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%		0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64		0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%		0.4958	0.5042	0.4958	-0.0083	1.0000
pufs-6410%		0.5002	0.4998	0.3334	0.0000	0.5283
pulsar		0.9808	0.0192	0.9407	0.8775	0.1483
raisin		0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%		0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%		0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc		0.7533	0.0379	0.6603	0.6735	0.2888
re1-wc		0.7651	0.0188	0.6467	0.7325	0.2131
rejafada		1.0000	0.0000	1.0000	1.0000	0.0000
relathe		1.0000	0.0000	1.0000	1.0000	0.0000
rice		0.9879	0.0121	0.9878	0.9755	0.0839
rnaseq		0.1750	0.3300	0.0596	0.0000	0.3826
rocket		0.6401	0.3599	0.6254	0.2506	0.8956
RT_IOT2022		0.0336	0.1611	0.0054	0.0000	0.1744
satimage		0.8678	0.0441	0.8452	0.8366	0.2012
satimageF		0.9844	0.0156	0.9599	0.9198	0.2059
satimageT		0.9393	0.0607	0.8147	0.6165	0.4446
scadi		0.4286	0.2286	0.1200	0.0000	0.3480
schiller		0.7778	0.2222	0.6786	0.3571	0.7720
schizo		0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom		0.5548	0.4452	0.3568	0.0000	0.5166
seeds		0.9048	0.0635	0.9077	0.8571	0.1773
segment		0.9610	0.0111	0.9657	0.9544	0.0514
segmentation		0.8218	0.1782	0.8100	0.6186	0.6382
segmentO		0.9957	0.0043	0.9913	0.9825	0.0218
seismic		0.9341	0.0659	0.4830	0.0000	0.1661
semeion		0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram		0.8556	0.1444	0.4611	-0.0199	0.5486
sens-2-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram		0.8579	0.1421	0.4618	-0.0199	0.5487
sens-5-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram		0.8658	0.1342	0.4640	-0.0052	0.3810
sens-7-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram		0.8553	0.1447	0.5678	0.0991	0.6711
sens-9-gram		0.8789	0.1211	0.6687	0.1547	0.3573
sensorless		0.0908	0.1653	0.0151	0.0000	0.4085
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8938	0.1062	0.7743	0.5355	0.5559
shuttle		1.0000	0.0000	1.0000	1.0000	0.0000
sick		0.9867	0.0133	0.9442	0.8819	0.0504
sirtuin6		0.9000	0.1000	0.9083	0.8000	0.3145
skin		0.9994	0.0006	0.9991	0.9981	0.0115
skin10%		0.9971	0.0029	0.9957	0.9913	0.0243
smarket		0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming		0.2200	0.3900	0.2154	-0.0439	0.8506
smk_can_187		0.4737	0.5263	0.3214	0.0000	0.5305
smoking		0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution		0.2000	0.3200	0.2005	0.0003	0.8790
solar-flare		0.7842	0.0719	0.6309	0.7221	0.1734
sonar		0.7000	0.3000	0.7000	0.4000	0.8211
soybean		0.9412	0.0062	0.9535	0.9357	0.0319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spam-detection			0.9570	0.0430	0.8780	0.7546	0.4542
spambase			0.9217	0.0783	0.9183	0.8367	0.3758
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.8286	0.1714	0.7900	0.5800	0.6541
spectrometer			0.5000	0.0370	0.3432	0.4719	0.1421
splice-EI			0.9716	0.0284	0.9626	0.9251	0.2138
splice-IE			0.9464	0.0536	0.9261	0.8522	0.3405
sport-articles			0.7700	0.2300	0.7497	0.4983	0.7319
squash-stored			0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored			0.6000	0.4000	0.7059	0.2857	0.5283
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9078	0.0615	0.8835	0.8502	0.2226
steel-b			0.8359	0.1641	0.7574	0.5145	0.6797
steel-d			0.9846	0.0154	0.8820	0.7613	0.4382
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.8103	0.1897	0.7969	0.5920	0.6609
steel-p			0.9179	0.0821	0.6957	0.3853	0.6193
steel-s			0.9949	0.0051	0.9665	0.9307	0.0228
steel-z			0.9949	0.0051	0.9860	0.9715	0.1355
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9236	0.0764	0.8647	0.6909	0.1999
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9940	0.0060	0.9939	0.9879	0.0490
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.6150	0.1540	0.3422	0.3854	0.4477
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.4154	0.2338	0.1980	0.1364	0.5166
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.4579	0.1415	0.3664
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7842	0.2158	0.7832	0.5598	0.6755
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.5333	0.3111	0.5442	0.3000	0.5465
telco-churn			0.8835	0.1165	0.8459	0.6887	0.5141
texture			0.9273	0.0132	0.9302	0.9198	0.0914
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			0.9368	0.0632	0.9293	0.8586	0.3353
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8806	0.1194	0.8304	0.6335	0.4335
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.5294	0.2353	0.5332	0.3704	0.5621
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.8235	0.1765	0.8163	0.6277	0.6246
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.5716	0.1431	0.8650
trec11-wc			0.7317	0.0596	0.6184	0.6684	0.2198
trec12-wc			0.7742	0.0565	0.7679	0.7270	0.1615
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.9205	0.0159	0.7578	0.9028	0.0915
trec45-wc			0.9130	0.0174	0.8297	0.8984	0.0735
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
turkish			0.6000	0.2000	0.5978	0.4667	0.4860
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8154	0.1846	0.8018	0.6037	0.6510
tvnews10%			0.8728	0.1272	0.8621	0.7236	0.5174
ur3_cobotops_grip			0.9755	0.0245	0.7604	0.4282	0.2319
ur3_cobotops_stop			0.9646	0.0354	0.7227	0.4403	0.5443
urban			0.8507	0.0332	0.8281	0.8247	0.1377
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7024	0.1488	0.6849	0.6040	0.2894
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowel			0.3939	0.1102	0.4115	0.3333	0.3569
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.6154	0.0769	0.5552	0.5667	0.1283
warppie10p			0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.9876	0.0036	0.9873	0.9855	0.0282
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.9891	0.0031	0.9890	0.9873	0.0248
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2800	0.3600	0.2785	0.0397	0.8478
waveform			0.7440	0.1707	0.7442	0.6159	0.5030
weather-related			0.9712	0.0052	0.9702	0.9673	0.0455
web-phishing			0.8519	0.0988	0.8092	0.7349	0.4032
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9750	0.0125	0.9750	0.9667	0.0511
wilt			0.9814	0.0186	0.9174	0.8267	0.4154
wine			0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red			0.5472	0.1509	0.2695	0.2922	0.5171
winequality-white			0.5521	0.1280	0.3089	0.3318	0.5910
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9797	0.0058	0.9721	0.9744	0.0646
wisc_bc			0.9474	0.0526	0.9432	0.8858	0.2729
yale			0.5625	0.0583	0.4690	0.5314	0.1025
yeast			0.5473	0.0905	0.4157	0.4190	0.3714
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1			0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.8978	0.0204	0.8890	0.8855	0.1519

Table 85: Detailed results for J48

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1823	0.0564	0.0993	0.1071	0.5032
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer		0.9831	0.0169	0.6684	0.2444	0.3522
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.8704	0.1296	0.8097	0.6100	0.5494
advanced-iot		0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8000	0.2000	0.4444	-0.0357	0.6563
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red		0.8333	0.1667	0.5863	0.1628	0.7500
AID1608Morered		0.9126	0.0874	0.4772	-0.0311	0.6533
AID1608red		0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.6000	0.4000	0.5669	0.1304	0.8900
AID644red		0.5000	0.5000	0.5000	0.0000	0.8968
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8685	0.1315	0.8157	0.6293	0.5755
air_pollution		0.2567	0.2124	0.1821	0.0306	0.8685
alcohol		0.8000	0.0800	0.5043	0.5789	0.3525
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.9442	0.0558	0.9387	0.8757	0.2730
anneal		0.9663	0.0135	0.9674	0.9317	0.1118
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family		0.9652	0.0174	0.9158	0.9336	0.1117
anuran-genus		0.9346	0.0163	0.8460	0.8913	0.1698
anuran-species		0.9556	0.0089	0.9055	0.9380	0.1210
anxiety		0.0750	0.2056	0.0735	-0.0430	0.8454
apple-quality		0.8000	0.2000	0.8007	0.6000	0.6597
arabidopsis0.1%		0.9853	0.0147	0.4963	-0.0071	0.5635
arcene		0.8000	0.2000	0.8062	0.6000	0.6335
arrhythmia		0.7778	0.0342	0.5006	0.6560	0.1767
auction		0.9853	0.0147	0.9664	0.9305	0.0577
audiology		0.8261	0.0145	0.3557	0.8004	0.0329
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7000	0.1000	0.6013	0.6053	0.2689
avila		0.9837	0.0027	0.9720	0.9788	0.0511
babies		0.3306	0.1912	0.1803	0.0029	0.6505

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
balance		0.8226	0.1183	0.5673	0.6670	0.3118
bank		0.9031	0.0969	0.7534	0.5066	0.6184
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8456	0.1544	0.8297	0.6518	0.5571
basehock		0.9146	0.0854	0.9146	0.8291	0.3883
bio		0.9962	0.0038	0.8876	0.7736	0.3068
bio10%		0.9945	0.0055	0.8448	0.6895	0.4286
biodeg		0.8381	0.1619	0.8265	0.6517	0.5952
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin		0.9875	0.0011	0.1433	0.3154	0.2386
bitcoin1%		0.9866	0.0009	0.1133	0.3571	0.2491
bitcoin10%		0.9873	0.0023	0.2703	0.2708	0.2166
body-perf		0.6896	0.1552	0.6891	0.5861	0.4772
brain-tumor		0.5010	0.4990	0.5010	0.0020	0.9994
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma		0.3636	0.6364	0.3446	-0.3051	1.0000
breast-tissue		0.6364	0.1212	0.6525	0.5600	0.2067
bridges		0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17		0.9010	0.0990	0.6443	0.2749	0.6522
bub12at310k-hg16-17		0.9011	0.0989	0.6521	0.2938	0.6542
bub8at310k-hg16-17		0.8959	0.1041	0.6639	0.3261	0.6687
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4310	0.3793	0.3270	-0.0050	0.8054
car		0.9483	0.0259	0.9082	0.8928	0.1996
car-insurance		0.8360	0.1640	0.8104	0.6206	0.6269
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.8263	0.0347	0.8045	0.7894	0.1606
cardiotocography-nsp		0.9108	0.0595	0.8474	0.7613	0.3805
cardiovascular		0.7325	0.2675	0.7327	0.4649	0.7753
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6249	0.5531	0.4741
cas_N6512_cdk_ECFP2		0.7266	0.2734	0.7255	0.4508	0.7854
cas_N6512_rdkit_ATOMPAIR		0.7262	0.2738	0.7236	0.4464	0.7853
cas_N6512_RDkit_AtomPair_FP		0.7025	0.2975	0.6998	0.3991	0.8186
cas_N6512_rdkit_AVALON		0.7650	0.2350	0.7636	0.5272	0.7273
cas_N6512_RDkit_Avalon_FP		0.7653	0.2347	0.7639	0.5278	0.7267
cas_N6512_rdkit_descriptors		0.7723	0.2277	0.7716	0.5430	0.7141
cas_N6512_rdkit_FEATMORGAN		0.7527	0.2473	0.7512	0.5024	0.7470
cas_N6512_RDkit_Featmorgan_FP		0.7423	0.2577	0.7411	0.4821	0.7627
cas_N6512_RDkit_FP		0.7454	0.2546	0.7439	0.4878	0.7583
cas_N6512_rdkit_LAYERED		0.7569	0.2431	0.7562	0.5121	0.7393
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.7665	0.2335	0.7647	0.5260	0.7161
cas_N6512_RDkit_MACCS_FP		0.7837	0.2163	0.7848	0.5677	0.6890
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.7592	0.2408	0.7572	0.5141	0.7359
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.7189	0.2811	0.7172	0.4345	0.7969
cas_N6512_rdkit_TORSION		0.7338	0.2662	0.7333	0.4662	0.7740
ccds1%		0.8984	0.1016	0.4732	-0.0502	0.5403
cdc_diabetes		0.8355	0.1097	0.4133	0.2098	0.5063
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7668	0.2332	0.7472	0.4942	0.7399
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9453	0.0547	0.5805	0.1196	0.5510

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
census10%		0.9475	0.0525	0.7331	0.4552	0.5399
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9884	0.0116	0.9446	0.8828	0.3522
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9368	0.0316	0.9383	0.9058	0.1344
chrom19		0.9997	0.0003	0.9284	0.8469	0.0306
chrom191%		0.9982	0.0018	0.4996	-0.0008	0.5346
chrom1910%		0.9993	0.0007	0.8154	0.6247	0.3778
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9277	0.0723	0.6796	0.3030	0.5106
churn		0.8620	0.1380	0.7671	0.5190	0.5921
churn-bigml		0.9625	0.0375	0.9219	0.8396	0.2449
ci900367j_MACCS		0.6737	0.3263	0.6447	0.2874	0.8648
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.6432	0.4375	0.5531
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7481	0.1259	0.5940	0.6100	0.5281
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5646	0.2902	0.5421	0.3218	0.6846
cnae-9		0.9167	0.0185	0.9235	0.9062	0.0868
codon_usage		0.8266	0.0315	0.6492	0.7894	0.3359
coil20		0.9375	0.0063	0.9404	0.9342	0.0414
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7241	0.2759	0.7108	0.4171	0.7845
colposcopies-2		0.7931	0.2069	0.7784	0.5272	0.6067
colposcopies-3		0.5517	0.4483	0.5556	0.1087	0.9445
colposcopies-4		0.6207	0.3793	0.5770	0.1493	0.8677
colposcopies-5		0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.6897	0.3103	0.6349	0.2606	0.8063
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.8065	0.1290	0.7543	0.6895	0.2733
comedy_comparisons1%		0.5180	0.4820	0.5183	0.0024	0.5764
cottonmeloidogyne		0.7260	0.2740	0.7262	0.4521	0.7849
coupon		0.4314	0.5686	0.3014	0.0000	0.5291
covtype10%		0.8468	0.0438	0.7685	0.7529	0.3214
covtypeCD		0.9881	0.0119	0.9744	0.9487	0.1187
covtypeT		0.9834	0.0166	0.9356	0.8712	0.2700
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.9996	0.0004	0.9347	0.8634	0.0758
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9060	0.0313	0.7749	0.8061	0.3782
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.1875	0.0406	0.1122	0.1663	0.1369
customer-churn		0.9844	0.0156	0.7734	0.5282	0.4092
cybersecurity		0.1700	0.2767	0.1714	0.0037	0.8826
cyclopentane		0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands		0.6852	0.3148	0.6902	0.3738	0.8192
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1028	0.1794	0.1027	0.0031	0.9234

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8107	0.1893	0.6938	0.3729	0.7108
defect		0.9599	0.0401	0.9228	0.8425	0.2601
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8910	0.1090	0.7181	0.4337	0.6447
depressed		0.7413	0.2587	0.4751	-0.0483	0.8430
dermatology		0.9189	0.0270	0.9249	0.8991	0.0971
desharnais		0.6250	0.2500	0.4869	0.2258	0.4685
dexter		0.8667	0.1333	0.8675	0.7333	0.5139
df_final		0.6250	0.2500	0.6247	0.4419	0.4835
DIA		0.8000	0.2000	0.7220	0.4419	0.7266
diabetes		0.9038	0.0962	0.8978	0.7950	0.4246
diabetes-risk		0.9207	0.0793	0.8752	0.7481	0.4301
diabetic1%		0.4608	0.3595	0.3854	0.0304	0.7623
diabetic10%		0.4941	0.3373	0.3745	0.0974	0.7872
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7642	0.0943	0.7626	0.6662	0.3463
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.4167	0.5833	0.4286	-0.1351	1.0000
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9217	0.0783	0.7647	0.5285	0.5845
dota210%		0.5282	0.4718	0.5271	0.0541	0.9828
drebin		0.9829	0.0171	0.9818	0.9636	0.1185
dropout		0.7607	0.1595	0.6979	0.6027	0.4769
drug-01		0.3351	0.1900	0.1525	0.0234	0.7695
drug-02		0.4628	0.1535	0.2082	0.1328	0.7012
drug-03		0.6596	0.0973	0.2202	0.2116	0.4963
drug-04		0.5479	0.1292	0.2374	0.1705	0.4086
drug-05		0.6649	0.0957	0.1222	-0.0474	0.4093
drug-06		0.4202	0.1657	0.2569	0.2683	0.5765
drug-07		0.3298	0.1915	0.1332	-0.0708	0.5260
drug-08		0.5532	0.1277	0.2355	0.1921	0.5004
drug-09		0.8617	0.0395	0.1814	0.1951	0.3257
drug-10		0.5053	0.1413	0.1744	0.1413	0.5651
drug-11		0.8245	0.0502	0.1651	0.0198	0.4711
drug-12		0.7553	0.0699	0.1588	0.0802	0.5030
drug-13		0.6064	0.1125	0.2332	0.2428	0.4238
drug-14		0.5957	0.1155	0.2956	0.3094	0.6428
drug-15		0.7394	0.0745	0.2220	0.1644	0.6415
drug-16		0.6011	0.1140	0.3037	0.3540	0.4633
drug-17		0.3617	0.1824	0.2011	0.1416	0.6743
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7340	0.0760	0.1544	0.0594	0.3880
drybean		0.9162	0.0239	0.9296	0.8987	0.1342
ecoli		0.8529	0.0368	0.5215	0.7942	0.1294
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.1800	0.4100	0.1770	-0.0948	0.8978
eeg		0.4005	0.0749	0.4067	0.3381	0.7119
eeg-eye		0.8311	0.1689	0.8290	0.6577	0.6035
eeg10%		0.3096	0.0863	0.2845	0.2380	0.7235
email_phishing		0.9886	0.0114	0.7142	0.2760	0.1711
eucalyptus		0.6712	0.1315	0.6740	0.5808	0.3467

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
euthyroid		0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%		0.9305	0.0695	0.9303	0.8605	0.3371
fakenews		0.5150	0.4850	0.5154	0.0307	0.9899
farm-ads		0.8430	0.1570	0.8422	0.6844	0.5774
fbis-wc		0.6667	0.0392	0.5675	0.6222	0.2775
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.9150	0.0283	0.9019	0.8673	0.1738
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.5500	0.1125	0.3587	0.4512	0.2786
fonts10%		0.6115	0.0051	0.3161	0.5943	0.5018
forest		0.8462	0.0769	0.8454	0.7864	0.1749
gas		0.9741	0.0086	0.9730	0.9686	0.0630
gastrointestinal		0.5625	0.2917	0.5841	0.3373	0.5568
gender		0.6021	0.2653	0.4740	0.1949	0.6066
gene		0.9338	0.0442	0.9269	0.8944	0.1997
german		0.7000	0.3000	0.6464	0.2736	0.8152
gestures		0.8057	0.0972	0.8066	0.7409	0.3504
gina		0.8991	0.1009	0.8992	0.7983	0.4343
gisette		0.9471	0.0529	0.9471	0.8943	0.2770
glass		0.7619	0.0794	0.7176	0.6656	0.2136
glass-g2		0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.8750	0.1250	0.8298	0.6000	0.2846
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.2000	0.4000	0.1334	-0.1392	0.6315
gsalc		0.7778	0.0741	0.7500	0.7273	0.1003
haberman		0.6667	0.3333	0.5739	0.1477	0.8809
hapt		0.9286	0.0119	0.7997	0.9156	0.0738
har		0.9730	0.0108	0.9717	0.9658	0.0696
har70		0.9243	0.0216	0.6362	0.8876	0.2634
har701%		0.9066	0.0267	0.5700	0.8617	0.1621
har7010%		0.9161	0.0240	0.5957	0.8753	0.2552
harth		0.8813	0.0198	0.6446	0.8388	0.2413
harth1%		0.8559	0.0240	0.5464	0.8031	0.2520
harth10%		0.8666	0.0222	0.6065	0.8186	0.2611
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.5882	0.4118	0.6071	0.2013	0.8825
health-activity		0.6700	0.1650	0.2513	0.0443	0.6536
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.8255	0.1745	0.8257	0.6511	0.6129
hepmass10%		0.8383	0.1617	0.8384	0.6766	0.5860
hERG-121inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
higgs0.1%		0.6709	0.3291	0.6689	0.3375	0.8573
higgs1%		0.6623	0.3377	0.6607	0.3213	0.8673
higgs10%		0.6831	0.3169	0.6818	0.3635	0.8430
higher		0.2143	0.1964	0.1429	0.0778	0.3455
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8685	0.1315	0.7655	0.5309	0.6428
hiva		0.9527	0.0473	0.5399	0.0699	0.6111
horse		0.5556	0.2963	0.5301	0.2310	0.6659
hotel-reservartions		0.8906	0.1094	0.8740	0.7467	0.4745
hr		0.8211	0.1789	0.5391	0.0724	0.7745
ht-sensor		0.9997	0.0002	0.9997	0.9995	0.0022
ht-sensor10%		0.9962	0.0025	0.9964	0.9943	0.0175
htru2		0.9777	0.0223	0.9303	0.8588	0.2314
hypothyroid		0.9894	0.0053	0.7333	0.9384	0.0999
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.6610	0.3390	0.5868	0.1737	0.8848
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
instagram		0.9767	0.0117	0.9771	0.9689	0.0497
ionosphere		0.8571	0.1429	0.8390	0.6765	0.5771
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.7972	0.0156	0.8019	0.7891	0.1722
jm1		0.7998	0.2002	0.5881	0.1308	0.7073
jvowels		0.8695	0.0290	0.8663	0.8521	0.1952
kc1		0.8531	0.1469	0.6436	0.1948	0.5528
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.5714	0.0357	0.0333	0.1064	0.1846
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.6010	0.1140	0.6069	0.5339	0.5056
kddcup981%		0.9263	0.0737	0.4809	-0.0310	0.6583
kddcup9810%		0.9372	0.0628	0.5082	0.0110	0.5954
kddcup991%		0.9980	0.0003	0.7979	0.9966	0.0257
kepler		0.8713	0.0858	0.8249	0.7881	0.2334
kidney		0.7045	0.1182	0.2129	0.0207	0.7940
kidney-disease		0.9500	0.0500	0.9467	0.8933	0.2764
krkopt		0.7287	0.0301	0.7530	0.6969	0.3102
krvskp		0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc		0.7524	0.0825	0.7200	0.6851	0.3768
la2s-wc		0.7550	0.0817	0.7322	0.6908	0.3707
labor		0.6667	0.3333	0.6250	0.2500	0.8750
leaf		0.7353	0.0132	0.3973	0.7218	0.0678
led24		0.7000	0.0600	0.6496	0.6591	0.1595
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.8625	0.0106	0.8625	0.8570	0.1561
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.7222	0.0370	0.6806	0.7012	0.1116
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
liver		0.6471	0.3529	0.5776	0.1535	0.9051
loan		0.9859	0.0141	0.9850	0.9700	0.0987
localization		0.7313	0.0488	0.5215	0.6617	0.5063
localization10%		0.6499	0.0637	0.4034	0.5552	0.5635
lrs		0.8302	0.0340	0.4849	0.7680	0.1527
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.6250	0.1071	0.5333	0.5472	0.1163
lung-cancer		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lung-cancer-harvard1		0.9000	0.0400	0.8857	0.7938	0.1791
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4014	0.5882	0.2627
lymphoma2		0.7778	0.0741	0.6222	0.7000	0.0693
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.6731	0.3269	0.6737	0.3462	0.8510
magic04		0.8517	0.1483	0.8343	0.6659	0.5649
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8225	0.6449	0.6199
marketing		0.8571	0.1429	0.6797	0.3499	0.6874
maternal		0.7525	0.1650	0.7607	0.6222	0.4572
math		0.8250	0.0875	0.7817	0.7371	0.2882
mba		0.8210	0.1194	0.4011	0.1891	0.4105
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.2167	0.3133	0.2185	0.0211	0.8568
messidor		0.6522	0.3478	0.6683	0.3205	0.8264
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.8784	0.8448	0.1220
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.8800	0.0240	0.8852	0.8667	0.1240
mfeat-fou		0.7950	0.0410	0.7914	0.7722	0.2064
mfeat-kar		0.8100	0.0380	0.8111	0.7889	0.2002
mfeat-mor		0.7000	0.0600	0.6962	0.6667	0.2157
mfeat-pix		0.8850	0.0230	0.8848	0.8722	0.1371
mfeat-zer		0.7150	0.0570	0.7083	0.6833	0.2630
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6176	0.1529	0.5728	0.5196	0.4029
mobile		0.6643	0.0120	0.6726	0.6583	0.1546
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9016	0.0984	0.8943	0.7663	0.2680
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4161	0.1062	0.4569	0.3094	0.6136
musk		0.9606	0.0394	0.9235	0.8468	0.3135
MUT_ci300400a_cdk_ECFP2		0.7938	0.2062	0.7867	0.5728	0.6809
MUT_ci300400a_cdk_ECFP4		0.7832	0.2168	0.7770	0.5539	0.7012
MUT_ci300400a_cdk_ECFP6		0.7605	0.2395	0.7523	0.5041	0.7388
MUT_ci300400a_cdk_ESTATE		0.7614	0.2386	0.7529	0.5051	0.7370
MUT_ci300400a_cdk_EXTENDED		0.8106	0.1894	0.8054	0.6108	0.6506
MUT_ci300400a_cdk_FCFP2		0.8096	0.1904	0.8030	0.6052	0.6504
MUT_ci300400a_cdk_FCFP4		0.7806	0.2194	0.7728	0.5449	0.7043
MUT_ci300400a_cdk_FCFP6		0.7686	0.2314	0.7618	0.5236	0.7262
MUT_ci300400a_cdk_MACCS		0.8094	0.1906	0.8026	0.6043	0.6497
MUT_ci300400a_cdk_PUBCHEM		0.8383	0.1617	0.8328	0.6651	0.5904
MUT_ci300400a_cdk_STANDARD		0.8072	0.1928	0.8010	0.6019	0.6568
MUT_ci300400a_rdkit_descriptors		0.8271	0.1729	0.8224	0.6442	0.6136
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9693	0.0307	0.9693	0.9386	0.1849
NCI60		0.3333	0.2222	0.3333	0.2000	0.2322
nci9		0.3333	0.2222	0.3333	0.2000	0.2651
ncRNA		0.9495	0.0053	0.7598	0.8662	0.5236
ncRNA1%		0.9002	0.0105	0.4188	0.7198	0.5084

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ncRNA10%		0.9254	0.0079	0.6225	0.8004	0.7051
neo		0.9145	0.0855	0.6894	0.2695	0.4154
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.7185	0.0128	0.7159	0.7094	0.2301
newspop		0.5946	0.4054	0.5923	0.1846	0.9341
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.5278	0.3148	0.3595	0.0769	0.5409
nursery		0.9923	0.0031	0.7841	0.9887	0.0325
obesity		0.9336	0.0190	0.9341	0.9225	0.0911
obs		0.9722	0.0139	0.9802	0.9589	0.0655
occupancy		0.9908	0.0092	0.9871	0.9741	0.1014
Occupancy_Estimation		0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc		0.8515	0.0297	0.8602	0.8297	0.1368
oh10-wc		0.6762	0.0648	0.6984	0.6289	0.2794
oh15-wc		0.7609	0.0478	0.7587	0.7282	0.2271
oh5-wc		0.7033	0.0593	0.7325	0.6637	0.2653
olive		0.9298	0.0156	0.9215	0.9118	0.0463
opn310k		0.9023	0.0977	0.6753	0.3467	0.6532
opn310k10%		0.8951	0.1049	0.6493	0.2964	0.6741
opnat310k-hg16-17		0.8970	0.1030	0.6528	0.3008	0.6675
optdigits		0.8861	0.0228	0.8900	0.8735	0.1516
optdigitsZ		0.9911	0.0089	0.9728	0.9456	0.1683
orl		0.5500	0.0225	0.5215	0.5385	0.0905
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr		0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr		0.9209	0.0791	0.6870	0.3700	0.6259
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8144	0.1856	0.7949	0.5897	0.6607
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8813	0.7617	0.4826
p53-mutants		0.9940	0.0060	0.5929	0.1712	0.5242
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9744	0.0102	0.9127	0.8633	0.2333
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.9336	0.0664	0.9292	0.8577	0.3244
parkinsons-small		0.7895	0.2105	0.6999	0.3770	0.7072
particle		0.9061	0.0939	0.8841	0.7682	0.4622
particle10%		0.8862	0.1138	0.8595	0.7191	0.5199
pasture		0.2500	0.5000	0.3333	-0.0909	0.3444
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.4948	0.5052	0.4099	-0.1380	0.9854
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8289	0.1711	0.7760	0.5517	0.6697
pediatric-leukemia		0.6471	0.1008	0.6878	0.5714	0.2600
pendigits		0.9554	0.0089	0.9553	0.9504	0.0723
period		0.5556	0.4444	0.5791	0.1429	0.8628
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.7784	0.2216	0.7603	0.5190	0.7150
personalities		0.6630	0.0421	0.6636	0.6405	0.4320
pet-adoption		0.9450	0.0550	0.9376	0.8722	0.2569
phishing		0.9469	0.0531	0.9442	0.8885	0.2836
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.8928	0.0306	0.8854	0.8747	0.1310
phone-acc1%		0.9885	0.0033	0.9880	0.9866	0.0251
phone-gyr0.1%		0.9268	0.0209	0.9220	0.9144	0.1001
phone-gyr1%		0.9930	0.0020	0.9925	0.9919	0.0159
phoneme		0.8741	0.1259	0.8506	0.6994	0.5502
phy		0.6648	0.3352	0.6648	0.3296	0.8638

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pima			0.7500	0.2500	0.7365	0.4342	0.6670
pirvision			0.9928	0.0048	0.9874	0.9772	0.0467
placement			0.7650	0.2350	0.7570	0.5130	0.7301
plant-growth			0.6842	0.3158	0.6841	0.3596	0.8222
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.4829	0.1034	0.0959	0.0024	0.2743
poker10%			0.5988	0.1003	0.2723	0.2717	0.6171
polish-1st			0.9701	0.0299	0.7504	0.4485	0.3669
polish-2nd			0.9587	0.0413	0.6542	0.2812	0.5428
polish-3rd			0.9410	0.0590	0.5655	0.1131	0.6136
polish-4th			0.9551	0.0449	0.7523	0.4986	0.5297
polish-5th			0.9526	0.0474	0.7937	0.5756	0.4619
polya			0.7005	0.2995	0.6659	0.3300	0.8369
popularity			0.5861	0.2759	0.4190	0.1719	0.7337
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9761	0.0096	0.9758	0.9701	0.0611
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6919	0.3824	0.8284
prestige			0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor			0.3939	0.0551	0.1889	0.3252	0.2399
profb			0.6269	0.3731	0.5621	0.1235	0.9205
promoters			0.7000	0.3000	0.6784	0.3478	0.8165
prostate			0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9858	0.0057	0.9737	0.9809	0.0441
puc-rio10%			0.9650	0.0140	0.9365	0.9529	0.0767
pufs-1281%			0.4950	0.5050	0.4950	-0.0100	1.0000
pufs-12810%			0.5005	0.4995	0.5005	0.0010	0.9997
pufs-641%			0.4929	0.5071	0.4929	-0.0142	1.0000
pufs-6410%			0.4999	0.5001	0.4999	-0.0002	1.0000
pulsar			0.9832	0.0168	0.9485	0.8950	0.1580
raisin			0.8889	0.1111	0.8904	0.7778	0.4479
rcv11%			0.6370	0.0177	0.3906	0.5956	0.3993
re0-wc			0.7667	0.0359	0.6881	0.6987	0.3415
re1-wc			0.7892	0.0169	0.6741	0.7603	0.1887
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8337	0.0069	0.5152	0.7727	0.3465
rice			0.9879	0.0121	0.9878	0.9755	0.0839
rnaseq			0.9750	0.0100	0.9724	0.9669	0.0405
rocket			0.6502	0.3498	0.6236	0.2338	0.8660
RT_IOT2022			0.9984	0.0003	0.9782	0.9959	0.0044
satimage			0.8694	0.0435	0.8483	0.8386	0.2066
satimageF			0.9876	0.0124	0.9679	0.9359	0.1750
satimageT			0.9393	0.0607	0.8162	0.6224	0.4558
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5000	0.5000	0.5000	0.0000	0.9994
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8846	0.1154	0.5606	0.1203	0.6599
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9394	0.0173	0.9453	0.9292	0.0770
segmentation			0.8168	0.1832	0.8039	0.6068	0.6490
segmentO			0.9913	0.0087	0.9834	0.9663	0.1466
seismic			0.9109	0.0891	0.5557	0.1044	0.6742
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8632	0.1368	0.5547	0.0445	0.5361
sens-10-gram			0.8478	0.1522	0.5750	0.1262	0.7126
sens-2-gram			0.8421	0.1579	0.5196	0.0290	0.7247

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-3-gram			0.7947	0.2053	0.5657	0.1313	0.7634
sens-4-gram			0.8000	0.2000	0.5624	0.1248	0.7676
sens-5-gram			0.7974	0.2026	0.5529	0.1057	0.7712
sens-6-gram			0.8342	0.1658	0.5627	0.1173	0.7560
sens-7-gram			0.8184	0.1816	0.5705	0.1398	0.7668
sens-8-gram			0.8395	0.1605	0.5776	0.1453	0.7458
sens-9-gram			0.8763	0.1237	0.6524	0.2302	0.5582
sensorless			0.9879	0.0022	0.9879	0.9867	0.0225
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8986	0.1014	0.7900	0.5735	0.5559
shuttle			1.0000	0.0000	1.0000	1.0000	0.0000
sick			0.9867	0.0133	0.9442	0.8819	0.0504
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9993	0.0007	0.9989	0.9978	0.0134
skin10%			0.9971	0.0029	0.9957	0.9913	0.0301
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2400	0.3800	0.2321	-0.0160	0.8236
smk_can_187			0.5263	0.4737	0.5345	0.0656	0.9580
smoking			0.7899	0.2101	0.7725	0.5448	0.6993
soil_pollution			0.1767	0.3293	0.1768	-0.0288	0.8946
solar-flare			0.7626	0.0791	0.6579	0.6946	0.2163
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.9559	0.0046	0.9608	0.9517	0.0303
spam-detection			0.9555	0.0445	0.8854	0.7631	0.4714
spambase			0.9261	0.0739	0.9224	0.8446	0.3541
spect			0.8148	0.1852	0.7168	0.4304	0.7152
spectf			0.8000	0.2000	0.7628	0.5243	0.7024
spectrometer			0.4717	0.0220	0.1974	0.4432	0.1325
splice-EI			0.9527	0.0473	0.9371	0.8741	0.2976
splice-IE			0.9180	0.0820	0.8855	0.7708	0.4413
sport-articles			0.8400	0.1600	0.8258	0.6408	0.5569
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9084	0.0611	0.8838	0.8510	0.2198
steel-b			0.8462	0.1538	0.7643	0.5283	0.6608
steel-d			0.9744	0.0256	0.7677	0.5324	0.5024
steel-k			0.9744	0.0256	0.9601	0.9191	0.1618
steel-o			0.8051	0.1949	0.7870	0.5739	0.6758
steel-p			0.9282	0.0718	0.7214	0.4253	0.5579
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9846	0.0154	0.9554	0.9104	0.1831
stellar			0.9729	0.0181	0.9688	0.9519	0.1054
stock			0.8958	0.1042	0.8125	0.6194	0.5344
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0362
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.5550	0.1780	0.3105	0.2866	0.4928
student-depression			0.8168	0.1832	0.8098	0.6183	0.6338
student-habits			0.3400	0.2640	0.2703	0.0504	0.7239
student-weekend			0.4308	0.2277	0.3724	0.2249	0.6846
student-workday			0.7188	0.1125	0.2750	0.1312	0.3367
studentap			0.3077	0.4615	0.3287	-0.0086	0.7159
susy			0.7949	0.2051	0.7937	0.5825	0.6604
susy1%			0.7806	0.2194	0.7788	0.5536	0.6898
susy10%			0.7907	0.2093	0.7894	0.5738	0.6681
swarm_aligned			0.9996	0.0004	0.9995	0.9990	0.0035
swarm_flocking			0.9983	0.0017	0.9983	0.9967	0.0170

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tae			0.4667	0.3556	0.5292	0.2000	0.5341
telco-churn			0.8580	0.1420	0.8173	0.6347	0.5991
texture			0.9200	0.0145	0.9248	0.9118	0.0979
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9686	0.0314	0.4920	-0.0142	0.5981
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9579	0.0421	0.9535	0.9028	0.1545
tis			0.8751	0.1249	0.8306	0.6610	0.5650
tis10%			0.9030	0.0970	0.8645	0.7246	0.4544
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.1667	0.2786	0.2381	0.1674
tox_171			0.4118	0.2941	0.4803	0.2273	0.5579
toxicity			0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f			0.7647	0.2353	0.7684	0.5211	0.6923
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6800	0.3200	0.5442	0.0881	0.8806
trec11-wc			0.7805	0.0488	0.7489	0.7295	0.1826
trec12-wc			0.8387	0.0403	0.8789	0.8053	0.1402
trec21-wc			0.7576	0.0970	0.6028	0.5319	0.3675
trec23-wc			0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc			0.9247	0.0251	0.9416	0.9008	0.1262
trec41-wc			0.9205	0.0159	0.7578	0.9028	0.0915
trec45-wc			0.8986	0.0203	0.8130	0.8814	0.0852
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.6250	0.1875	0.6200	0.5000	0.4739
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.7846	0.2154	0.7709	0.5416	0.7065
tvnews10%			0.8550	0.1449	0.8447	0.6894	0.5662
ur3_cobotops_grip			0.9714	0.0286	0.7326	0.4477	0.4844
ur3_cobotops_stop			0.9701	0.0299	0.7660	0.5264	0.4965
urban			0.8060	0.0431	0.7731	0.7713	0.1657
urinalysis			0.9510	0.0490	0.7039	0.3436	0.4349
ustilago1%			0.9870	0.0130	0.4967	-0.0049	0.5377
vehicle			0.7262	0.1369	0.7116	0.6367	0.2307
vehicleVAN			0.9405	0.0595	0.9260	0.8485	0.3668
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowel			0.3636	0.1157	0.3808	0.3000	0.3650
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.8878	0.1122	0.6462	0.2919	0.6833
wap-wc			0.7244	0.0276	0.5547	0.6907	0.2013
warpar10p			0.7692	0.0462	0.7059	0.7383	0.0811
warppie10p			0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc1%			0.9856	0.0041	0.9852	0.9831	0.0313
watch-gyr1%			0.9857	0.0041	0.9854	0.9832	0.0309
water_pollution			0.2600	0.3700	0.2592	0.0133	0.8617
waveform			0.7520	0.1653	0.7523	0.6280	0.4956
weather-related			0.9712	0.0052	0.9702	0.9673	0.0455
web-phishing			0.8222	0.1185	0.7391	0.6809	0.4631
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9800	0.0100	0.9800	0.9733	0.0437
wilt			0.9814	0.0186	0.9124	0.8204	0.4051
wine			0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red			0.6101	0.1300	0.2839	0.3490	0.3370
winequality-white			0.5215	0.1367	0.2545	0.2766	0.5510
winnipeg			0.9913	0.0025	0.9836	0.9891	0.0293

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wisc_bc			0.9474	0.0526	0.9432	0.8858	0.2729
yale			0.5625	0.0583	0.4690	0.5314	0.1025
yeast			0.5743	0.0851	0.4141	0.4494	0.3779
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.8903	0.0219	0.8808	0.8770	0.1660

Table 86: Detailed results for k-NN(BT)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1607	0.0579	0.0878	0.0708	0.5100
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9825	0.0175	0.6456	0.1947	0.3590
accident		0.5000	0.5000	0.5000	0.0000	0.9713
ads		0.9543	0.0457	0.9061	0.8121	0.3831
adult		0.8405	0.1595	0.7628	0.5151	0.6323
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.6500	0.3500	0.3939	-0.0938	0.8482
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red		0.9941	0.0059	0.6782	0.0537	0.0247
aids		0.8075	0.1925	0.7050	0.3571	0.6232
airline		0.9281	0.0719	0.9270	0.8526	0.3335
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
anneal		0.9888	0.0045	0.9858	0.9759	0.0146
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus		0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species		0.9861	0.0028	0.9743	0.9807	0.0592
apple-quality		0.8925	0.1075	0.8927	0.7850	0.4510
aps-failure		0.9900	0.0100	0.8457	0.6860	0.3560
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia		0.6000	0.0615	0.2130	0.1988	0.2662
auction		0.8873	0.1127	0.6886	0.3274	0.5665
audiology		0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult		0.9000	0.1000	0.8697	0.7244	0.3859
autism-child		0.7931	0.2069	0.7967	0.5877	0.6595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autos		0.8000	0.0667	0.6553	0.7324	0.1641
avila		0.7652	0.0391	0.7763	0.6938	0.3689
babies		0.3790	0.1774	0.1252	0.0236	0.4460
balance		0.9194	0.0538	0.6345	0.8480	0.1272
bank		0.8995	0.1005	0.6840	0.3032	0.5257
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy		0.9600	0.0400	0.9606	0.9180	0.2092
barleyblumeria		0.8710	0.1290	0.8636	0.6999	0.3814
basehock		0.8040	0.1960	0.8157	0.6075	0.5740
bio		0.9967	0.0033	0.8987	0.7897	0.1958
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8857	0.1143	0.8780	0.7553	0.4788
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9836	0.0015	0.1033	0.1450	0.5062
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0010	0.0463	0.0047	0.0212
body-perf		0.6299	0.1851	0.6396	0.5065	0.4771
breast-cancer		0.6786	0.3214	0.5195	0.0308	0.8648
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.6000	0.1143	0.2562	0.3103	0.1916
bub10at310k-hg16-17		0.9126	0.0874	0.6451	0.2002	0.4887
bub12at310k-hg16-17		0.9104	0.0896	0.6294	0.1712	0.5010
bub8at310k-hg16-17		0.9093	0.0907	0.6379	0.2201	0.5636
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		1.0000	0.0000	1.0000	1.0000	0.0000
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
car		0.9310	0.0345	0.9073	0.8591	0.2477
card		0.8116	0.1884	0.8107	0.5961	0.5612
cardiotocography		0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp		0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular		0.6733	0.3267	0.6735	0.3466	0.8527
cargo2k		0.9721	0.0186	0.9723	0.9581	0.0936
cars		0.7250	0.1833	0.5939	0.4437	0.5482
cas_N6512_cdk_ECFP2		0.7051	0.2949	0.7049	0.4091	0.8129
cas_N6512_rdkit_ATOMPAIR		0.7415	0.2585	0.7396	0.4790	0.7641
cas_N6512_RDkit_AtomPair_FP		0.7546	0.2454	0.7527	0.5051	0.7437
cas_N6512_rdkit_AVALON		0.7911	0.2089	0.7895	0.5788	0.6818
cas_N6512_RDkit_Avalon_FP		0.7975	0.2025	0.7985	0.5952	0.6642
cas_N6512_rdkit_descriptors		0.7754	0.2246	0.7739	0.5477	0.7098
cas_N6512_rdkit_FEATMORGAN		0.7634	0.2366	0.7632	0.5258	0.7276
cas_N6512_RDkit_Featmorgan_FP		0.7439	0.2561	0.7451	0.4882	0.7542
cas_N6512_RDkit_FP		0.7699	0.2301	0.7694	0.5385	0.7177
cas_N6512_rdkit_LAYERED		0.7785	0.2215	0.7787	0.5564	0.7010
cas_N6512_RDkit_Layered_FP		0.7515	0.2485	0.7497	0.4992	0.7487
cas_N6512_rdkit_MACCS		0.7696	0.2304	0.7677	0.5350	0.7189
cas_N6512_RDkit_MACCS_FP		0.7623	0.2377	0.7626	0.5241	0.7280
cas_N6512_rdkit_MORGAN		0.7477	0.2523	0.7525	0.4986	0.7349
cas_N6512_RDkit_morgan_FP		0.7362	0.2638	0.7395	0.4747	0.7584
cas_N6512_rdkit_PATTERN		0.7492	0.2508	0.7535	0.5013	0.7346
cas_N6512_RDkit_pattern_FP		0.7423	0.2577	0.7432	0.4848	0.7577
cas_N6512_rdkit_RDKITFP		0.7880	0.2120	0.7873	0.5744	0.6871
cas_N6512_rdkit_TORSION		0.7292	0.2708	0.7279	0.4558	0.7820
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8456	0.1029	0.4119	0.1542	0.3138
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7979	0.2021	0.7865	0.5702	0.6788
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8101	0.5343	0.0872

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9542	0.0458	0.6647	0.1532	0.2651
census10%		0.9459	0.0541	0.6821	0.2213	0.3179
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S		0.9535	0.0465	0.8495	0.6895	0.3805
chrom19		0.9997	0.0003	0.9186	0.8326	0.1678
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9994	0.0006	0.8468	0.6872	0.3227
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8330	0.1670	0.7073	0.3889	0.6561
ci900367j_MACCS		0.6632	0.3368	0.6255	0.2434	0.8704
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4587	0.3710	0.4457
cjs		0.9857	0.0048	0.9859	0.9826	0.0298
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8028	0.0986	0.6646	0.6838	0.3278
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7013	0.4286	0.3779
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4859	0.2205	0.7280
cnae-9		0.8426	0.0350	0.8454	0.8229	0.1416
codon_usage		0.9233	0.0140	0.8203	0.9070	0.1616
coil20		0.9861	0.0014	0.9866	0.9854	0.0097
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		0.3800	0.0827	0.2381	0.2967	0.3161
colon-tumor		0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1		0.7241	0.2759	0.7041	0.2468	0.4389
colposcopies-2		0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3		0.6897	0.3103	0.6729	0.3185	0.7867
colposcopies-4		0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5		0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6		0.6207	0.3793	0.6480	0.2238	0.7270
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.7742	0.1505	0.7318	0.6303	0.3780
connect-4		0.9861	0.0093	0.7197	0.6277	0.2693
cottonmeloidogyne		0.6418	0.3582	0.6458	0.2818	0.8638
coupon		0.6333	0.3667	0.6176	0.2281	0.8907
covtype10%		0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD		0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT		0.9855	0.0145	0.9442	0.8885	0.2569
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9995	0.0005	0.9317	0.8629	0.2254
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn		0.9794	0.0206	0.6513	0.2404	0.4332
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.7222	0.2778	0.7129	0.4088	0.7593
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8147	0.1853	0.6907	0.3458	0.6668
defect		0.8642	0.1358	0.6999	0.3557	0.5930

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
deposit		0.8954	0.1046	0.6857	0.3189	0.5541
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.3492	0.1111	0.5070
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6250	0.2500	0.6735	0.4146	0.4478
DIA		0.8833	0.1167	0.8416	0.6316	0.2737
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-risk		0.9078	0.0922	0.8560	0.7109	0.4883
diabetic1%		0.6176	0.2549	0.4183	0.2226	0.4450
diabetic10%		0.5236	0.3176	0.3334	0.0486	0.5546
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.8712	0.8369	0.1763
diamonds_all		0.6663	0.1335	0.6075	0.5184	0.4039
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.3333	0.6667	0.2903	-0.4118	1.0000
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5459	0.4541	0.5414	0.0821	0.9699
dota210%		0.5544	0.4456	0.5492	0.0962	0.9600
dropout		0.7223	0.1851	0.6444	0.5125	0.4647
drug-01		0.3723	0.1793	0.1149	-0.0099	0.4501
drug-02		0.5000	0.1429	0.1566	0.0775	0.5544
drug-03		0.7074	0.0836	0.1902	0.1126	0.1973
drug-04		0.5426	0.1307	0.2933	0.1351	0.4389
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.2912	0.2914	0.5191
drug-07		0.3830	0.1763	0.1220	-0.0161	0.4594
drug-08		0.5426	0.1307	0.1394	0.0814	0.3882
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1804	0.1495	0.4351
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6117	0.1109	0.2170	0.2390	0.4507
drug-14		0.5691	0.1231	0.2198	0.1872	0.4822
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5638	0.1246	0.2356	0.2596	0.4541
drug-17		0.3511	0.1854	0.1548	0.1110	0.5995
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9258	0.0212	0.9398	0.9102	0.1196
ecoli		0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
eeg		0.4728	0.0659	0.4914	0.4137	0.5672
eeg-eye		0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%		0.3469	0.0816	0.3209	0.2716	0.5833
email_phishing		0.9874	0.0126	0.6809	0.3068	0.4094
eucalyptus		0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid		0.9525	0.0475	0.8573	0.7110	0.4096
exon.vs.intron-freq10%		0.9167	0.0833	0.9204	0.8340	0.3413
fbis-wc		0.5894	0.0483	0.5349	0.5357	0.3729
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5686	0.4314	0.5536	0.1010	0.9402

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.4000	0.1500	0.2262	0.2233	0.3052
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8846	0.0577	0.8658	0.8398	0.1322
gas		0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal		0.6875	0.2083	0.6898	0.5031	0.5143
gender		0.6211	0.2526	0.4242	0.1830	0.5780
gene		0.8486	0.1009	0.8513	0.7652	0.3470
german		0.7100	0.2900	0.6582	0.2602	0.7246
gestures		0.6670	0.1665	0.7018	0.5562	0.4061
gina		0.8184	0.1816	0.8252	0.6352	0.5743
gisette		0.9557	0.0443	0.9557	0.9114	0.2434
glass		0.7619	0.0794	0.8224	0.6779	0.2764
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8690	0.1310	0.8679	0.7339	0.5168
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.3333	0.3333	0.2755	0.0741	0.5160
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.9524	0.0079	0.8366	0.9437	0.0465
har		0.9954	0.0018	0.9950	0.9942	0.0137
har70		0.9303	0.0199	0.6871	0.8968	0.2009
har701%		0.9137	0.0247	0.5390	0.8728	0.1588
har7010%		0.9216	0.0224	0.6069	0.8838	0.1846
harth1%		0.8703	0.0216	0.6127	0.8230	0.2175
harth10%		0.8865	0.0189	0.6709	0.8453	0.1980
hayes-roth		0.7500	0.1667	0.8018	0.6049	0.2731
hcc-survival		0.8235	0.1765	0.8322	0.6107	0.3833
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.9700	0.0300	0.9651	0.9293	0.1667
heart-quantum		0.8200	0.1800	0.8195	0.6341	0.6200
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.8298	0.1702	0.8299	0.6595	0.6039
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6400	0.3600	0.6369	0.2710	0.8866
higgs1%		0.6491	0.3509	0.6461	0.2894	0.8771
higher		0.0714	0.2321	0.0500	-0.1447	0.4830
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.6250	0.3750	0.6245	0.2289	0.8592
hiv1-proteasa		0.8853	0.1147	0.7755	0.5358	0.5568
hiva		0.9622	0.0378	0.4904	-0.0045	0.3546
horse		0.5278	0.3148	0.3173	0.0377	0.5029
ht-sensor		1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%		0.9999	0.0001	0.9999	0.9998	0.0007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
htru2		0.9760	0.0240	0.9245	0.8460	0.2285
hypothyroid		0.9284	0.0358	0.4613	0.3930	0.1518
hypothyroidT		0.9496	0.0504	0.7924	0.5147	0.2647
ilpd		0.6441	0.3559	0.4504	-0.0746	0.9114
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.9680	0.0160	0.9685	0.9573	0.0651
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9037	0.0074	0.9052	0.8999	0.0841
jm1		0.8246	0.1754	0.6569	0.2366	0.6017
jvowels		0.9970	0.0007	0.9970	0.9966	0.0056
kc1		0.8720	0.1280	0.7097	0.3228	0.4646
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007		0.2743	0.2073	0.3986	0.1524	0.4418
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.9988	0.0001	0.5457	0.9979	0.0014
kepler		0.8452	0.1032	0.7939	0.7448	0.2752
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7633	0.0263	0.7594	0.7356	0.2760
krvskp		0.9342	0.0658	0.9343	0.8678	0.3166
la1s-wc		0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc		0.4238	0.1921	0.4498	0.2935	0.5326
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.5882	0.0206	0.3317	0.5677	0.0757
led24		0.5500	0.0900	0.5349	0.4944	0.2218
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9610	0.0030	0.9605	0.9594	0.0464
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8611	0.0185	0.8750	0.8509	0.0672
linkage1%		0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%		1.0000	0.0000	0.9976	0.9952	0.0209
liver		0.5882	0.4118	0.5727	0.1408	0.8953
loan		0.9133	0.0867	0.9071	0.8130	0.3903
localization		0.7572	0.0441	0.5382	0.6923	0.4326
localization10%		0.6820	0.0578	0.4348	0.5930	0.4867
lrs		0.8491	0.0302	0.4388	0.7903	0.1006
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5654	0.4346	0.5654	0.1308	0.9567
magic04		0.8332	0.1668	0.8132	0.6097	0.5599
mammography		0.8229	0.1771	0.8225	0.6449	0.6199
maternal		0.8416	0.1056	0.8494	0.7588	0.3242
messidor		0.6435	0.3565	0.6465	0.2894	0.8732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9571	0.9227	0.0673
meter-D		0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac		0.9800	0.0040	0.9807	0.9778	0.0223
mfeat-fou		0.7950	0.0410	0.7972	0.7722	0.1525
mfeat-kar		0.9550	0.0090	0.9561	0.9500	0.0565
mfeat-mor		0.7350	0.0530	0.7384	0.7056	0.1833
mfeat-pix		0.9750	0.0050	0.9768	0.9722	0.0284
mfeat-zer		0.8150	0.0370	0.8158	0.7944	0.1132
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6176	0.1529	0.6086	0.5211	0.3844
mobile		0.6678	0.0119	0.7088	0.6618	0.1367
monks-1		0.8364	0.1636	0.8415	0.6715	0.5468
monks-2		0.8197	0.1803	0.7982	0.5960	0.6483
monks-3		0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4817	0.0942	0.5034	0.3694	0.5349
musk		0.9545	0.0455	0.9093	0.8041	0.1768
MUT_ci300400a_cdk_ECFP2		0.7758	0.2242	0.7715	0.5425	0.7115
MUT_ci300400a_cdk_ECFP4		0.7701	0.2299	0.7646	0.5289	0.7228
MUT_ci300400a_cdk_ECFP6		0.7557	0.2443	0.7491	0.4983	0.7466
MUT_ci300400a_cdk_ESTATE		0.7554	0.2446	0.7492	0.4982	0.7468
MUT_ci300400a_cdk_EXTENDED		0.8501	0.1499	0.8460	0.6919	0.5669
MUT_ci300400a_cdk_FCFP2		0.7868	0.2132	0.7822	0.5640	0.6935
MUT_ci300400a_cdk_FCFP4		0.7566	0.2434	0.7514	0.5025	0.7436
MUT_ci300400a_cdk_FCFP6		0.7698	0.2302	0.7690	0.5350	0.7133
MUT_ci300400a_cdk_MACCS		0.8129	0.1870	0.8068	0.6132	0.6446
MUT_ci300400a_cdk_PUBCHEM		0.8347	0.1653	0.8292	0.6581	0.5991
MUT_ci300400a_cdk_STANDARD		0.8491	0.1509	0.8442	0.6881	0.5673
MUT_ci300400a_rdkit_descriptors		0.8471	0.1529	0.8432	0.6862	0.5709
myocardial		0.8647	0.0338	0.2657	0.2387	0.1116
naticusdroid		0.9618	0.0382	0.9618	0.9236	0.2180
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA1%		0.8982	0.0107	0.4357	0.7059	0.4539
ncRNA10%		0.9218	0.0082	0.5989	0.7840	0.5855
neo		0.9096	0.0904	0.6626	0.2316	0.4753
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6423	0.3577	0.6412	0.2823	0.8883
NHANES_age_prediction		0.9427	0.0573	0.8863	0.7612	0.3029
nomao		0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits		0.5278	0.3148	0.3525	0.0526	0.5265
nursery		0.9406	0.0238	0.6731	0.9121	0.0824
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation		0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc		0.5050	0.0990	0.4830	0.4098	0.3648
oh10-wc		0.2286	0.1543	0.2410	0.1276	0.3849
oh15-wc		0.3261	0.1348	0.2989	0.1994	0.3782
oh5-wc		0.2308	0.1538	0.2518	0.1116	0.4588
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9030	0.0970	0.6225	0.2127	0.6247
opn310k10%		0.9066	0.0934	0.6261	0.2165	0.6122
opnat310k-hg16-17		0.9076	0.0924	0.6420	0.2451	0.5974

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
optdigits		0.9733	0.0053	0.9746	0.9703	0.0398
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr		0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr		0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8041	0.1959	0.7803	0.5605	0.6809
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9048	0.0952	0.9056	0.8095	0.4123
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9781	0.0088	0.8613	0.8742	0.1672
parkinson		0.9333	0.0667	0.9345	0.8646	0.3141
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.8985	0.1015	0.8752	0.7502	0.4856
particle10%		0.8815	0.1185	0.8509	0.7012	0.5250
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac		0.5876	0.4124	0.5397	0.0378	0.7543
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia		0.7353	0.0756	0.6635	0.6692	0.2179
pendigits		0.9927	0.0015	0.9925	0.9919	0.0131
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.7778	0.2222	0.7568	0.4000	0.4011
phishing		0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL10%		0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc0.1%		0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%		0.7945	0.0587	0.7822	0.7595	0.2406
phone-gyr0.1%		0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%		0.8313	0.0482	0.8207	0.8025	0.2202
phoneme		0.9148	0.0852	0.8930	0.7843	0.4091
phy		0.6780	0.3220	0.6780	0.3560	0.8484
pima		0.7237	0.2763	0.7074	0.3667	0.6931
pirvision		0.9987	0.0009	0.9977	0.9959	0.0038
placement		0.7940	0.2060	0.7871	0.5733	0.6789
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4878	0.1024	0.1715	0.0270	0.3068
poker10%		0.5058	0.0988	0.2069	0.0586	0.3830
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9340	0.0660	0.6503	0.1552	0.3548
polya		0.7643	0.2357	0.7385	0.4753	0.7439
popularity		0.6502	0.2332	0.4084	0.2153	0.4979
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc		0.7206	0.2794	0.7288	0.4412	0.7489
prestige		1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor		0.4545	0.0496	0.2176	0.3957	0.2391
profb		0.7015	0.2985	0.6297	0.1443	0.6218
promoters		1.0000	0.0000	1.0000	1.0000	0.0000
prostate		0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE		0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio		0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%		0.9819	0.0072	0.9689	0.9757	0.0493
pufs-1281%		0.5047	0.4953	0.5051	0.0095	0.9718
pufs-641%		0.5088	0.4913	0.5089	0.0173	0.9852

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-6410%			0.5001	0.4999	0.5001	0.0002	1.0000
pulsar			0.9832	0.0168	0.9485	0.8950	0.1580
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.6067	0.0605	0.5843	0.4991	0.4857
re1-wc			0.5181	0.0386	0.4769	0.4426	0.3909
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9852	0.0148	0.9850	0.9700	0.1000
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6401	0.3599	0.6242	0.2481	0.8962
RT_IOT2022			0.9981	0.0003	0.9764	0.9951	0.0037
satimage			0.9051	0.0316	0.8953	0.8832	0.1589
satimageF			0.9876	0.0124	0.9684	0.9367	0.1925
satimageT			0.9487	0.0513	0.8542	0.7076	0.4508
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis			0.9630	0.0370	0.9635	0.9244	0.1598
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9048	0.0635	0.9152	0.8571	0.1726
segment			0.9437	0.0161	0.9494	0.9342	0.0732
segmentation			0.8614	0.1386	0.8524	0.7034	0.5522
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8635	0.1365	0.5497	0.0225	0.4461
sens-2-gram			0.8737	0.1263	0.6404	0.0934	0.3668
sens-3-gram			0.8684	0.1316	0.6013	0.1055	0.5237
sens-4-gram			0.8711	0.1289	0.6270	0.1776	0.5710
sens-5-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sens-7-gram			0.8658	0.1342	0.5895	0.0994	0.5596
sens-8-gram			0.8579	0.1421	0.5509	0.0587	0.6232
sens-9-gram			0.8632	0.1368	0.5313	0.0179	0.4988
sensorless			0.8532	0.0267	0.8540	0.8385	0.1696
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8792	0.1208	0.7254	0.3840	0.4977
shuttle			0.9993	0.0002	0.9040	0.9981	0.1298
sick			0.9523	0.0477	0.7752	0.5264	0.4434
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9998	0.0002	0.9998	0.9995	0.0044
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.8400	0.1600	0.8438	0.6786	0.5482
smk_can_187			0.5789	0.4211	0.5760	0.1364	0.9011
smoking			0.7913	0.2087	0.7747	0.5493	0.6969
solar-flare			0.7338	0.0887	0.5675	0.6558	0.1963
sonar			0.8000	0.2000	0.8276	0.6000	0.4308
soybean			0.9559	0.0046	0.9835	0.9516	0.0339
spam-detection			0.9525	0.0475	0.8510	0.7003	0.4392
spambase			0.9000	0.1000	0.8949	0.7893	0.4355
spect			0.8148	0.1852	0.7168	0.4304	0.7152
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.4528	0.0228	0.2056	0.4202	0.1640
splice-EI			0.9306	0.0694	0.9098	0.8191	0.3992
splice-IE			0.9117	0.0883	0.8741	0.7461	0.4442
sport-articles			0.8500	0.1500	0.8371	0.6728	0.5692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
steel_industry			0.8613	0.0925	0.8280	0.7746	0.3037
steel-b			0.8615	0.1385	0.7828	0.5635	0.6203
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9692	0.0308	0.9528	0.9056	0.2424
steel-o			0.7897	0.2103	0.7610	0.5156	0.6911
steel-p			0.9179	0.0821	0.6063	0.0946	0.4184
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9795	0.0205	0.9450	0.8886	0.3044
stellar			0.9056	0.0629	0.8934	0.8275	0.2481
stock			0.8472	0.1528	0.6917	0.3208	0.5799
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8120	0.1880	0.8094	0.6163	0.6354
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6050	0.1580	0.3281	0.3412	0.4176
student-weekend			0.2923	0.2831	0.1527	-0.0641	0.6246
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6154	0.2564	0.4653	0.3750	0.4802
susy1%			0.7790	0.2210	0.7804	0.5465	0.6622
susy10%			0.7865	0.2135	0.7869	0.5630	0.6583
tae			0.5333	0.3111	0.5333	0.3000	0.5691
texture			0.9800	0.0036	0.9810	0.9779	0.0290
theorem			0.9836	0.0164	0.9832	0.9663	0.1157
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7517	0.2483	0.4291	-0.0015	0.4242
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.7059	0.1471	0.7208	0.6101	0.2469
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6670	0.3307	0.8305
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc			0.4390	0.1247	0.2900	0.2122	0.2983
trec12-wc			0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc			0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc			0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc			0.6882	0.0891	0.4645	0.5574	0.2748
trec41-wc			0.4205	0.1159	0.2520	0.2069	0.2997
trec45-wc			0.3913	0.1217	0.3225	0.2251	0.3371
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.5750	0.2125	0.5459	0.4333	0.3585
tvnews1%			0.9077	0.0923	0.9001	0.7983	0.4058
tvnews10%			0.8736	0.1264	0.8630	0.7257	0.5163
ur3_cobotops_grip			0.9728	0.0272	0.7346	0.4321	0.4246
ur3_cobotops_stop			0.9673	0.0327	0.7046	0.3547	0.4279
urban			0.8060	0.0431	0.7974	0.7720	0.1445
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7262	0.1369	0.6661	0.6291	0.2324
vehicleVAN			0.9405	0.0595	0.9221	0.8438	0.3634
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9767	0.0233	0.9773	0.9535	0.1262
vowel			0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17			0.9157	0.0843	0.6635	0.1789	0.3699

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wap-wc			0.4103	0.0590	0.2825	0.3388	0.3515
warpar10p			0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%			0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr1%			0.7473	0.0722	0.7439	0.7048	0.3154
watch-gyr10%			0.8311	0.0483	0.8300	0.8027	0.2263
waveform			0.8320	0.1120	0.8321	0.7480	0.3816
web-phishing			0.8370	0.1086	0.7147	0.6995	0.3667
Weekly			0.9630	0.0370	0.9627	0.9247	0.2012
weight-lift			0.9934	0.0027	0.9931	0.9916	0.0203
white-clover			0.5000	0.2500	0.1667	-0.2857	0.3909
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9834	0.0166	0.9068	0.8096	0.2500
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white			0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg10%			0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5405	0.0919	0.4074	0.4085	0.3514
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.9516	0.0097	0.9472	0.9458	0.0735

Table 87: Detailed results for k-NN(KDT)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1607	0.0579	0.0878	0.0708	0.5100
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9825	0.0175	0.6456	0.1947	0.3590
accident		0.5000	0.5000	0.5000	0.0000	0.9713
ads		0.9543	0.0457	0.9061	0.8121	0.3831
adult		0.8405	0.1595	0.7628	0.5151	0.6323
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.6500	0.3500	0.3939	-0.0938	0.8482
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red		0.9941	0.0059	0.6782	0.0537	0.0247
aids		0.8075	0.1925	0.7050	0.3571	0.6232
airline		0.9295	0.0704	0.9287	0.8554	0.3227
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
anneal		0.9888	0.0045	0.9858	0.9759	0.0146
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus		0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species		0.9861	0.0028	0.9743	0.9807	0.0592
apple-quality		0.8925	0.1075	0.8927	0.7850	0.4510
aps-failure		0.9900	0.0100	0.8457	0.6860	0.3560
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia		0.6000	0.0615	0.2130	0.1988	0.2662
auction		0.8873	0.1127	0.6886	0.3274	0.5665
audiology		0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult		0.9000	0.1000	0.8697	0.7244	0.3859
autism-child		0.7931	0.2069	0.7967	0.5877	0.6595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autos		0.8000	0.0667	0.6553	0.7324	0.1641
avila		0.7652	0.0391	0.7763	0.6938	0.3689
babies		0.3790	0.1774	0.1252	0.0236	0.4460
balance		0.9194	0.0538	0.6345	0.8480	0.1272
bank		0.8995	0.1005	0.6840	0.3032	0.5257
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy		0.9600	0.0400	0.9606	0.9180	0.2092
barleyblumeria		0.8710	0.1290	0.8636	0.6999	0.3814
basehock		0.8040	0.1960	0.8157	0.6075	0.5740
bio		0.9967	0.0033	0.8987	0.7897	0.1958
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8857	0.1143	0.8780	0.7553	0.4788
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9859	0.0010	0.0550	0.0332	0.0826
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0010	0.0463	0.0047	0.0212
body-perf		0.6299	0.1851	0.6396	0.5065	0.4771
breast-cancer		0.6786	0.3214	0.5195	0.0308	0.8648
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.6000	0.1143	0.2562	0.3103	0.1916
bub10at310k-hg16-17		0.9126	0.0874	0.6451	0.2002	0.4887
bub12at310k-hg16-17		0.9104	0.0896	0.6294	0.1712	0.5010
bub8at310k-hg16-17		0.9093	0.0907	0.6379	0.2201	0.5636
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		1.0000	0.0000	1.0000	1.0000	0.0000
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
car		0.9310	0.0345	0.9073	0.8591	0.2477
card		0.8116	0.1884	0.8107	0.5961	0.5612
cardiotocography		0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp		0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular		0.6733	0.3267	0.6735	0.3466	0.8527
cargo2k		0.9721	0.0186	0.9723	0.9581	0.0936
cars		0.7250	0.1833	0.5939	0.4437	0.5482
cas_N6512_cdk_ECFP2		0.7051	0.2949	0.7049	0.4091	0.8129
cas_N6512_rdkit_ATOMPAIR		0.7415	0.2585	0.7396	0.4790	0.7641
cas_N6512_RDkit_AtomPair_FP		0.7546	0.2454	0.7527	0.5051	0.7437
cas_N6512_rdkit_AVALON		0.7911	0.2089	0.7895	0.5788	0.6818
cas_N6512_RDkit_Avalon_FP		0.7975	0.2025	0.7985	0.5952	0.6642
cas_N6512_rdkit_descriptors		0.7754	0.2246	0.7739	0.5477	0.7098
cas_N6512_rdkit_FEATMORGAN		0.7327	0.2673	0.7324	0.4642	0.7750
cas_N6512_RDkit_Featmorgan_FP		0.7454	0.2546	0.7467	0.4914	0.7514
cas_N6512_RDkit_FP		0.7699	0.2301	0.7694	0.5385	0.7177
cas_N6512_rdkit_LAYERED		0.7785	0.2215	0.7787	0.5564	0.7010
cas_N6512_RDkit_Layered_FP		0.7515	0.2485	0.7497	0.4992	0.7487
cas_N6512_rdkit_MACCS		0.7696	0.2304	0.7676	0.5347	0.7186
cas_N6512_RDkit_MACCS_FP		0.7623	0.2377	0.7626	0.5241	0.7280
cas_N6512_rdkit_MORGAN		0.7477	0.2523	0.7525	0.4986	0.7349
cas_N6512_RDkit_morgan_FP		0.7362	0.2638	0.7395	0.4747	0.7584
cas_N6512_rdkit_PATTERN		0.7492	0.2508	0.7535	0.5013	0.7346
cas_N6512_RDkit_pattern_FP		0.7423	0.2577	0.7432	0.4848	0.7577
cas_N6512_rdkit_RDKITFP		0.7849	0.2151	0.7842	0.5682	0.6925
cas_N6512_rdkit_TORSION		0.7338	0.2662	0.7326	0.4652	0.7752
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8456	0.1029	0.4119	0.1542	0.3138
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7979	0.2021	0.7865	0.5702	0.6788
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8101	0.5343	0.0872

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9542	0.0458	0.6647	0.1532	0.2651
census10%		0.9459	0.0541	0.6821	0.2213	0.3179
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S		0.9535	0.0465	0.8495	0.6895	0.3805
chrom19		0.9997	0.0003	0.9186	0.8326	0.1678
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9994	0.0006	0.8468	0.6872	0.3227
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8330	0.1670	0.7073	0.3889	0.6561
ci900367j_MACCS		0.7053	0.2947	0.6782	0.3528	0.8238
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4587	0.3710	0.4457
cjs		0.9857	0.0048	0.9859	0.9826	0.0298
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8028	0.0986	0.6646	0.6838	0.3278
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7013	0.4286	0.3779
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4859	0.2205	0.7280
cnae-9		0.8426	0.0350	0.8454	0.8229	0.1416
codon_usage		0.9233	0.0140	0.8203	0.9070	0.1616
coil20		0.9861	0.0014	0.9866	0.9854	0.0097
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		0.3800	0.0827	0.2381	0.2967	0.3161
colon-tumor		0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1		0.7241	0.2759	0.7041	0.2468	0.4389
colposcopies-2		0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3		0.6897	0.3103	0.6729	0.3185	0.7867
colposcopies-4		0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5		0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6		0.6207	0.3793	0.6480	0.2238	0.7270
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.7742	0.1505	0.7318	0.6303	0.3780
connect-4		0.9861	0.0093	0.7197	0.6277	0.2693
cottonmeloidogyne		0.6490	0.3510	0.6543	0.2961	0.8494
coupon		0.6333	0.3667	0.6176	0.2281	0.8907
covid19		0.4668	0.1523	0.1934	0.1137	0.5799
covtype10%		0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD		0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT		0.9855	0.0145	0.9442	0.8885	0.2569
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9995	0.0005	0.9317	0.8629	0.2254
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn		0.9794	0.0206	0.6513	0.2404	0.4332
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.7222	0.2778	0.7129	0.4088	0.7593
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8150	0.1850	0.6909	0.3449	0.6633

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
defect		0.8642	0.1358	0.6999	0.3557	0.5930
deposit		0.8954	0.1046	0.6857	0.3189	0.5541
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.3492	0.1111	0.5070
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6250	0.2500	0.6735	0.4146	0.4478
DIA		0.8833	0.1167	0.8416	0.6316	0.2737
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-risk		0.9078	0.0922	0.8560	0.7109	0.4883
diabetic1%		0.6176	0.2549	0.4183	0.2226	0.4450
diabetic10%		0.5236	0.3176	0.3334	0.0486	0.5546
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.8712	0.8369	0.1763
diamonds_all		0.6663	0.1335	0.6075	0.5184	0.4039
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.3333	0.6667	0.2903	-0.4118	1.0000
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5459	0.4541	0.5414	0.0821	0.9699
dota210%		0.5544	0.4456	0.5492	0.0962	0.9600
dropout		0.7223	0.1851	0.6444	0.5125	0.4647
drug-01		0.3723	0.1793	0.1149	-0.0099	0.4501
drug-02		0.5000	0.1429	0.1566	0.0775	0.5544
drug-03		0.7074	0.0836	0.1902	0.1126	0.1973
drug-04		0.5426	0.1307	0.2933	0.1351	0.4389
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.2912	0.2914	0.5191
drug-07		0.3830	0.1763	0.1220	-0.0161	0.4594
drug-08		0.5426	0.1307	0.1394	0.0814	0.3882
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1804	0.1495	0.4351
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6117	0.1109	0.2170	0.2390	0.4507
drug-14		0.5691	0.1231	0.2198	0.1872	0.4822
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5638	0.1246	0.2356	0.2596	0.4541
drug-17		0.3511	0.1854	0.1548	0.1110	0.5995
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9258	0.0212	0.9398	0.9102	0.1196
ecoli		0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
eeg		0.4728	0.0659	0.4914	0.4137	0.5672
eeg-eye		0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%		0.3469	0.0816	0.3209	0.2716	0.5833
email_phishing		0.9882	0.0118	0.6978	0.2903	0.2856
eucalyptus		0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid		0.9525	0.0475	0.8573	0.7110	0.4096
exon.vs.intron-freq10%		0.9167	0.0833	0.9204	0.8340	0.3413
fbis-wc		0.5894	0.0483	0.5349	0.5357	0.3729
fertility		0.9000	0.1000	0.4737	0.0000	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
finance		0.5686	0.4314	0.5536	0.1010	0.9402
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.4000	0.1500	0.2262	0.2233	0.3052
fonts10%		0.5282	0.0062	0.2719	0.5059	0.6043
forest		0.8846	0.0577	0.8658	0.8398	0.1322
gas		0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal		0.6875	0.2083	0.6898	0.5031	0.5143
gender		0.6211	0.2526	0.4242	0.1830	0.5780
gene		0.8486	0.1009	0.8513	0.7652	0.3470
german		0.7100	0.2900	0.6582	0.2602	0.7246
gestures		0.6670	0.1665	0.7018	0.5562	0.4061
gina		0.8329	0.1671	0.8351	0.6647	0.5784
gisette		0.9557	0.0443	0.9557	0.9114	0.2434
glass		0.7619	0.0794	0.8224	0.6779	0.2764
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8690	0.1310	0.8679	0.7339	0.5168
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.3333	0.3333	0.2755	0.0741	0.5160
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.9524	0.0079	0.8366	0.9437	0.0465
har		0.9954	0.0018	0.9950	0.9942	0.0137
har70		0.9306	0.0198	0.6874	0.8971	0.1853
har701%		0.9137	0.0247	0.5390	0.8728	0.1588
har7010%		0.9216	0.0224	0.6069	0.8838	0.1846
harth		0.8946	0.0176	0.6876	0.8567	0.2023
harth1%		0.8703	0.0216	0.6127	0.8230	0.2175
harth10%		0.8865	0.0189	0.6709	0.8453	0.1980
hayes-roth		0.7500	0.1667	0.8018	0.6049	0.2731
hcc-survival		0.8235	0.1765	0.8322	0.6107	0.3833
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.9700	0.0300	0.9651	0.9293	0.1667
heart-quantum		0.8200	0.1800	0.8195	0.6341	0.6200
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.8298	0.1702	0.8299	0.6595	0.6039
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6400	0.3600	0.6369	0.2710	0.8866
higgs1%		0.6491	0.3509	0.6461	0.2894	0.8771
higher		0.0714	0.2321	0.0500	-0.1447	0.4830
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.6250	0.3750	0.6245	0.2289	0.8592
hiv1-proteasa		0.8853	0.1147	0.7755	0.5358	0.5568
hiva		0.9622	0.0378	0.4904	-0.0045	0.3546
horse		0.5278	0.3148	0.3173	0.0377	0.5029

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ht-sensor		1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%		0.9999	0.0001	0.9999	0.9998	0.0007
htru2		0.9760	0.0240	0.9245	0.8460	0.2285
hypothyroid		0.9284	0.0358	0.4613	0.3930	0.1518
hypothyroidT		0.9496	0.0504	0.7924	0.5147	0.2647
ilpd		0.6441	0.3559	0.4504	-0.0746	0.9114
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.9680	0.0160	0.9685	0.9573	0.0651
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9063	0.0072	0.9076	0.9025	0.0816
jm1		0.8246	0.1754	0.6569	0.2366	0.6017
jvowels		0.9970	0.0007	0.9970	0.9966	0.0056
kc1		0.8720	0.1280	0.7097	0.3228	0.4646
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007		0.2743	0.2073	0.3986	0.1524	0.4418
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9476	0.0524	0.4866	-0.0021	0.2511
kddcup991%		0.9988	0.0001	0.5457	0.9979	0.0014
kepler		0.8452	0.1032	0.7939	0.7448	0.2752
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7629	0.0263	0.7580	0.7352	0.2759
krvskp		0.9342	0.0658	0.9343	0.8678	0.3166
la1s-wc		0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc		0.4238	0.1921	0.4498	0.2935	0.5326
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.5882	0.0206	0.3317	0.5677	0.0757
led24		0.5500	0.0900	0.5349	0.4944	0.2218
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9610	0.0030	0.9605	0.9594	0.0464
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8611	0.0185	0.8750	0.8509	0.0672
linkage1%		0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%		1.0000	0.0000	0.9976	0.9952	0.0209
liver		0.5882	0.4118	0.5727	0.1408	0.8953
loan		0.9133	0.0867	0.9071	0.8130	0.3903
localization		0.7572	0.0441	0.5382	0.6923	0.4326
localization10%		0.6820	0.0578	0.4348	0.5930	0.4867
lrs		0.8491	0.0302	0.4388	0.7903	0.1006
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5654	0.4346	0.5654	0.1308	0.9567
magic04		0.8332	0.1668	0.8132	0.6097	0.5599

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mammography		0.8229	0.1771	0.8225	0.6449	0.6199
maternal		0.8416	0.1056	0.8494	0.7588	0.3242
messidor		0.6435	0.3565	0.6465	0.2894	0.8732
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9571	0.9227	0.0673
meter-D		0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac		0.9800	0.0040	0.9807	0.9778	0.0223
mfeat-fou		0.7950	0.0410	0.7972	0.7722	0.1525
mfeat-kar		0.9550	0.0090	0.9561	0.9500	0.0565
mfeat-mor		0.7350	0.0530	0.7379	0.7056	0.1797
mfeat-pix		0.9750	0.0050	0.9768	0.9722	0.0284
mfeat-zer		0.8150	0.0370	0.8158	0.7944	0.1132
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6176	0.1529	0.6086	0.5211	0.3844
mobile		0.6678	0.0119	0.7088	0.6618	0.1367
monks-1		0.8364	0.1636	0.8415	0.6715	0.5468
monks-2		0.8197	0.1803	0.7982	0.5960	0.6483
monks-3		0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4822	0.0941	0.5037	0.3699	0.5343
musk		0.9545	0.0455	0.9093	0.8041	0.1768
MUT_ci300400a_cdk_ECFP2		0.7758	0.2242	0.7715	0.5425	0.7115
MUT_ci300400a_cdk_ECFP4		0.7701	0.2299	0.7646	0.5289	0.7228
MUT_ci300400a_cdk_ECFP6		0.7557	0.2443	0.7491	0.4983	0.7466
MUT_ci300400a_cdk_ESTATE		0.7554	0.2446	0.7492	0.4982	0.7468
MUT_ci300400a_cdk_EXTENDED		0.8501	0.1499	0.8460	0.6919	0.5669
MUT_ci300400a_cdk_FCFP2		0.7868	0.2132	0.7822	0.5640	0.6935
MUT_ci300400a_cdk_FCFP4		0.7566	0.2434	0.7514	0.5025	0.7436
MUT_ci300400a_cdk_FCFP6		0.7698	0.2302	0.7690	0.5350	0.7133
MUT_ci300400a_cdk_MACCS		0.8118	0.1882	0.8056	0.6108	0.6472
MUT_ci300400a_cdk_PUBCHEM		0.8347	0.1653	0.8292	0.6581	0.5991
MUT_ci300400a_cdk_STANDARD		0.8491	0.1509	0.8442	0.6881	0.5673
MUT_ci300400a_rdkit_descriptors		0.8471	0.1529	0.8432	0.6862	0.5709
myocardial		0.8647	0.0338	0.2657	0.2387	0.1116
naticusdroid		0.9618	0.0382	0.9618	0.9236	0.2180
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA		0.9472	0.0056	0.7499	0.8586	0.4991
ncRNA1%		0.8982	0.0107	0.4357	0.7059	0.4539
ncRNA10%		0.9218	0.0082	0.5988	0.7840	0.5864
neo		0.9096	0.0904	0.6626	0.2316	0.4753
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6423	0.3577	0.6412	0.2823	0.8883
NHANES_age_prediction		0.9427	0.0573	0.8863	0.7612	0.3029
nomao		0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits		0.5278	0.3148	0.3525	0.0526	0.5265
nursery		0.9406	0.0238	0.6731	0.9121	0.0824
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation		0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc		0.5050	0.0990	0.4830	0.4098	0.3648
oh10-wc		0.2286	0.1543	0.2410	0.1276	0.3849
oh15-wc		0.3261	0.1348	0.2989	0.1994	0.3782
oh5-wc		0.2308	0.1538	0.2518	0.1116	0.4588

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
olive			0.9474	0.0117	0.9385	0.9343	0.0333
opn310k			0.9030	0.0970	0.6225	0.2127	0.6247
opn310k10%			0.9066	0.0934	0.6261	0.2165	0.6122
opnat310k-hg16-17			0.9076	0.0924	0.6420	0.2451	0.5974
optdigits			0.9733	0.0053	0.9746	0.9703	0.0398
optdigitsZ			0.9982	0.0018	0.9945	0.9889	0.0098
orl			1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr			0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr			0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8041	0.1959	0.7803	0.5605	0.6809
P-Glycoprotein_c_RDkit_AtomPair_FP			0.9048	0.0952	0.9056	0.8095	0.4123
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9781	0.0088	0.8613	0.8742	0.1672
parkinson			0.9333	0.0667	0.9345	0.8646	0.3141
parkinsons-small			0.9474	0.0526	0.9399	0.8725	0.3145
particle			0.8977	0.1023	0.8753	0.7502	0.4895
particle10%			0.8815	0.1185	0.8509	0.7012	0.5250
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac			0.5876	0.4124	0.5397	0.0378	0.7543
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia			0.7353	0.0756	0.6635	0.6692	0.2179
pendigits			0.9927	0.0015	0.9925	0.9919	0.0131
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.7778	0.2222	0.7568	0.4000	0.4011
phishing			0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL10%			0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc0.1%			0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%			0.7945	0.0587	0.7822	0.7595	0.2406
phone-gyr0.1%			0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%			0.8313	0.0482	0.8207	0.8025	0.2202
phoneme			0.9148	0.0852	0.8930	0.7843	0.4091
phy			0.6806	0.3194	0.6806	0.3612	0.8453
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.7940	0.2060	0.7871	0.5733	0.6789
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.5369	0.0926	0.2191	0.1246	0.2804
poker1%			0.4878	0.1024	0.1715	0.0270	0.3068
poker10%			0.5058	0.0988	0.2069	0.0586	0.3830
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9340	0.0660	0.6503	0.1552	0.3548
polya			0.7643	0.2357	0.7385	0.4753	0.7439
popularity			0.6502	0.2332	0.4084	0.2153	0.4979
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7288	0.4412	0.7489
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.4545	0.0496	0.2176	0.3957	0.2391
profb			0.7015	0.2985	0.6297	0.1443	0.6218
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.8571	0.1429	0.8654	0.6957	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%			0.9819	0.0072	0.9689	0.9757	0.0493
pufs-1281%			0.4960	0.5040	0.4960	-0.0080	1.0000
pufs-641%			0.5088	0.4913	0.5089	0.0173	0.9852
pufs-6410%			0.5001	0.4999	0.5001	0.0003	0.9999
pulsar			0.9832	0.0168	0.9485	0.8950	0.1580
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.6067	0.0605	0.5843	0.4991	0.4857
re1-wc			0.5181	0.0386	0.4769	0.4426	0.3909
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9852	0.0148	0.9850	0.9700	0.1000
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6401	0.3599	0.6242	0.2481	0.8962
RT_IOT2022			0.9981	0.0003	0.9764	0.9951	0.0037
satimage			0.9051	0.0316	0.8953	0.8832	0.1589
satimageF			0.9876	0.0124	0.9684	0.9367	0.1925
satimageT			0.9487	0.0513	0.8542	0.7076	0.4508
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis			0.9630	0.0370	0.9635	0.9244	0.1598
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9048	0.0635	0.9152	0.8571	0.1726
segment			0.9437	0.0161	0.9494	0.9342	0.0732
segmentation			0.8614	0.1386	0.8524	0.7034	0.5522
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8635	0.1365	0.5497	0.0225	0.4461
sens-2-gram			0.8737	0.1263	0.6404	0.0934	0.3668
sens-3-gram			0.8684	0.1316	0.6013	0.1055	0.5237
sens-4-gram			0.8711	0.1289	0.6270	0.1776	0.5710
sens-5-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sens-7-gram			0.8658	0.1342	0.5895	0.0994	0.5596
sens-8-gram			0.8579	0.1421	0.5509	0.0587	0.6232
sens-9-gram			0.8632	0.1368	0.5313	0.0179	0.4988
sensorless			0.8581	0.0258	0.8587	0.8439	0.1664
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8792	0.1208	0.7254	0.3840	0.4977
shuttle			0.9993	0.0002	0.9040	0.9981	0.1298
sick			0.9523	0.0477	0.7752	0.5264	0.4434
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9998	0.0002	0.9998	0.9995	0.0044
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.8400	0.1600	0.8438	0.6786	0.5482
smk_can_187			0.5789	0.4211	0.5760	0.1364	0.9011
smoking			0.7913	0.2087	0.7747	0.5493	0.6969
solar-flare			0.7410	0.0863	0.6864	0.6656	0.1940
sonar			0.8000	0.2000	0.8276	0.6000	0.4308
soybean			0.9559	0.0046	0.9835	0.9516	0.0339
spam-detection			0.9525	0.0475	0.8510	0.7003	0.4392
spambase			0.9000	0.1000	0.8949	0.7893	0.4355
spect			0.7037	0.2963	0.6196	0.2340	0.8108

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.4528	0.0228	0.2056	0.4202	0.1640
splice-EI			0.9306	0.0694	0.9098	0.8191	0.3992
splice-IE			0.9117	0.0883	0.8741	0.7461	0.4442
sport-articles			0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
steel_industry			0.8613	0.0925	0.8280	0.7746	0.3037
steel-b			0.8615	0.1385	0.7828	0.5635	0.6203
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9692	0.0308	0.9528	0.9056	0.2424
steel-o			0.7897	0.2103	0.7610	0.5156	0.6911
steel-p			0.9179	0.0821	0.6063	0.0946	0.4184
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9795	0.0205	0.9450	0.8886	0.3044
stellar			0.9056	0.0629	0.8934	0.8275	0.2481
stock			0.8472	0.1528	0.6917	0.3208	0.5799
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8120	0.1880	0.8094	0.6163	0.6354
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6050	0.1580	0.3281	0.3412	0.4176
student-weekend			0.2923	0.2831	0.1527	-0.0641	0.6246
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6154	0.2564	0.4653	0.3750	0.4802
susy			0.7553	0.2447	0.7528	0.5036	0.7387
susy1%			0.7790	0.2210	0.7804	0.5465	0.6622
susy10%			0.7865	0.2135	0.7869	0.5630	0.6583
tae			0.5333	0.3111	0.5333	0.3000	0.5691
texture			0.9800	0.0036	0.9810	0.9779	0.0290
theorem			0.9836	0.0164	0.9832	0.9663	0.1157
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7517	0.2483	0.4291	-0.0015	0.4242
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.7059	0.1471	0.7208	0.6101	0.2469
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6670	0.3307	0.8305
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc			0.4390	0.1247	0.2900	0.2122	0.2983
trec12-wc			0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc			0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc			0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc			0.6882	0.0891	0.4645	0.5574	0.2748
trec41-wc			0.4205	0.1159	0.2520	0.2069	0.2997
trec45-wc			0.3913	0.1217	0.3225	0.2251	0.3371
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.5750	0.2125	0.5459	0.4333	0.3585
tvnews			0.9437	0.0563	0.9391	0.8768	0.2763
tvnews1%			0.9077	0.0923	0.9001	0.7983	0.4058
tvnews10%			0.8736	0.1264	0.8630	0.7257	0.5163
ur3_cobotops_grip			0.9728	0.0272	0.7346	0.4321	0.4246
ur3_cobotops_stop			0.9673	0.0327	0.7046	0.3547	0.4279
urban			0.8060	0.0431	0.7974	0.7720	0.1445
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vehicle			0.7262	0.1369	0.6661	0.6291	0.2324
vehicleVAN			0.9405	0.0595	0.9221	0.8438	0.3634
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9767	0.0233	0.9773	0.9535	0.1262
vowel			0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17			0.9157	0.0843	0.6635	0.1789	0.3699
wap-wc			0.4103	0.0590	0.2825	0.3388	0.3515
warpar10p			0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%			0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr1%			0.7473	0.0722	0.7439	0.7048	0.3154
watch-gyr10%			0.8311	0.0483	0.8300	0.8027	0.2263
waveform			0.8320	0.1120	0.8321	0.7480	0.3816
web-phishing			0.8370	0.1086	0.7147	0.6995	0.3667
Weekly			0.9630	0.0370	0.9627	0.9247	0.2012
weight-lift			0.9934	0.0027	0.9931	0.9916	0.0203
white-clover			0.5000	0.2500	0.1667	-0.2857	0.3909
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9834	0.0166	0.9068	0.8096	0.2500
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white			0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg10%			0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5405	0.0919	0.4074	0.4085	0.3514
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.9516	0.0097	0.9472	0.9458	0.0735

Table 88: Detailed results for k-NN(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1651	0.0584	0.1206	0.0839	0.5735
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9822	0.0178	0.6441	0.2130	0.4039
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.9543	0.0457	0.9061	0.8121	0.3831
adult		0.8389	0.1611	0.7602	0.5101	0.6368
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.9223	0.0777	0.5965	0.1660	0.6184
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9941	0.0059	0.6782	0.0537	0.0247
aids		0.8028	0.1972	0.6965	0.3466	0.6491
air_pollution		0.4067	0.1695	0.1933	0.0120	0.4148
air-booking		0.8490	0.1510	0.5686	0.0381	0.4702
airline		0.9287	0.0713	0.9278	0.8537	0.3264
alcohol		0.8762	0.0495	0.7909	0.7364	0.2497
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7628	0.2372	0.7294	0.4282	0.6839
anneal		0.9888	0.0045	0.9858	0.9759	0.0146
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus		0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species		0.9861	0.0028	0.9743	0.9807	0.0592
anxiety		0.0917	0.2019	0.0968	-0.0219	0.7572
apple-quality		0.8850	0.1150	0.8855	0.7700	0.4692
aps-failure		0.9888	0.0112	0.8219	0.6328	0.3610
arabidopsis		0.9748	0.0155	0.5530	0.1153	0.5350
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9850	0.0150	0.5931	0.1831	0.5357
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia		0.6000	0.0615	0.2130	0.1988	0.2662
auction		0.9167	0.0833	0.7901	0.4802	0.2031
audiology		0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult		0.9000	0.1000	0.8697	0.7244	0.3859
autism-child		0.7241	0.2759	0.7354	0.4528	0.7375
autos		0.8000	0.0667	0.6553	0.7324	0.1641
avila		0.7652	0.0391	0.7763	0.6938	0.3689
babies		0.3871	0.1751	0.1416	0.0404	0.4401
balance		0.9032	0.0645	0.6241	0.8176	0.1641
bank		0.8995	0.1005	0.6872	0.3209	0.5457
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8710	0.1290	0.8609	0.7034	0.4322
basehock		0.8040	0.1960	0.8157	0.6075	0.5740
bio		0.9967	0.0033	0.8987	0.7897	0.1958
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8667	0.1333	0.8576	0.7146	0.5298
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0010	0.0548	0.0278	0.0734
bitcoin1%		0.9856	0.0010	0.0342	-0.0004	0.0580
bitcoin10%		0.9858	0.0010	0.0463	0.0047	0.0212
body-perf		0.6291	0.1854	0.6381	0.5055	0.4805
bookings		0.9403	0.0398	0.7399	0.8741	0.3342
brain-tumor		0.5030	0.4970	0.5029	0.0059	0.9980
breast-cancer		0.6786	0.3214	0.5195	0.0308	0.8648
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.5000	0.1429	0.4685	0.3590	0.2261
bub10at310k-hg16-17		0.9110	0.0890	0.6319	0.1705	0.4883
bub12at310k-hg16-17		0.9099	0.0901	0.6256	0.1638	0.5025
bub8at310k-hg16-17		0.9077	0.0923	0.6408	0.2407	0.5940
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.8750	0.1250	0.8873	0.7500	0.4011
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4430	0.3713	0.2980	-0.0443	0.5844
car		0.9310	0.0345	0.9073	0.8591	0.2477
car-insurance		0.8050	0.1950	0.7701	0.5398	0.6885
card		0.8261	0.1739	0.8219	0.6327	0.5782
cardiotocography		0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp		0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular		0.6716	0.3284	0.6718	0.3431	0.8549
cargo2k		0.9797	0.0135	0.9797	0.9695	0.0655
cars		0.7000	0.2000	0.6194	0.4299	0.5035
cas_N6512_cdk_ECFP2		0.7020	0.2980	0.7008	0.4015	0.8188
cas_N6512_rdkit_ATOMPAIR		0.7292	0.2708	0.7267	0.4518	0.7795
cas_N6512_RDkit_AtomPair_FP		0.7546	0.2454	0.7527	0.5051	0.7437
cas_N6512_rdkit_AVALON		0.7896	0.2104	0.7879	0.5756	0.6845
cas_N6512_RDkit_Avalon_FP		0.7960	0.2040	0.7957	0.5909	0.6716
cas_N6512_rdkit_descriptors		0.7754	0.2246	0.7739	0.5477	0.7098
cas_N6512_rdkit_FEATMORGAN		0.7450	0.2550	0.7451	0.4893	0.7556
cas_N6512_RDkit_Featmorgan_FP		0.7270	0.2730	0.7306	0.4567	0.7711
cas_N6512_RDkit_FP		0.7684	0.2316	0.7680	0.5355	0.7201
cas_N6512_rdkit_LAYERED		0.7769	0.2231	0.7773	0.5534	0.7034
cas_N6512_RDkit_Layered_FP		0.7730	0.2270	0.7711	0.5409	0.7107

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7727	0.2273	0.7709	0.5416	0.7143
cas_N6512_RDkit_MACCS_FP		0.7607	0.2393	0.7609	0.5209	0.7308
cas_N6512_rdkit_MORGAN		0.7477	0.2523	0.7525	0.4986	0.7349
cas_N6512_RDkit_morgan_FP		0.7362	0.2638	0.7395	0.4747	0.7584
cas_N6512_rdkit_PATTERN		0.7554	0.2446	0.7553	0.5098	0.7402
cas_N6512_RDkit_pattern_FP		0.7454	0.2546	0.7462	0.4909	0.7530
cas_N6512_rdkit_RDKITFP		0.7865	0.2135	0.7858	0.5714	0.6896
cas_N6512_rdkit_TORSION		0.7415	0.2585	0.7409	0.4815	0.7628
ccds		0.9611	0.0389	0.6373	0.0772	0.2210
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9621	0.0379	0.6397	0.0396	0.1591
cdc_diabetes		0.8451	0.1033	0.4104	0.1506	0.3151
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7780	0.2255	0.7728	0.5317	0.7180
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9711	0.0289	0.7961	0.5403	0.2778
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9542	0.0458	0.6647	0.1532	0.2651
CDS49_AID687_Rdkit-ecfp4-fp		0.9973	0.0027	0.4993	-0.0005	0.3640
census		0.9435	0.0565	0.6967	0.3221	0.4401
census10%		0.9438	0.0561	0.6641	0.2315	0.4200
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9186	0.0814	0.4788	-0.0203	0.5749
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S		0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia		0.5449	0.2275	0.3882	0.3012	0.5418
chrom19		0.9997	0.0003	0.9186	0.8326	0.1678
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9993	0.0007	0.8240	0.6467	0.4092
chrom21		0.9945	0.0002	0.6654	0.1440	0.1780
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8260	0.1740	0.6900	0.3477	0.6637
churn-bigml		0.8577	0.1423	0.6239	0.1625	0.5672
ci900367j_MACCS		0.6947	0.3053	0.6588	0.2857	0.7837
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4618	0.3824	0.4500
cjs		0.9857	0.0048	0.9859	0.9826	0.0298
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8065	0.0968	0.6616	0.6910	0.3387
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6964	0.3617	0.3679
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5102	0.3265	0.5022	0.2283	0.7238
cnae-9		0.8519	0.0329	0.8652	0.8333	0.1184
codon_usage		0.9233	0.0140	0.8203	0.9070	0.1616
coil20		0.9792	0.0021	0.9812	0.9781	0.0112
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		0.3800	0.0827	0.2091	0.3005	0.3127
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.6552	0.3448	0.5519	0.0584	0.7592
colposcopies-2		0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3		0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4		0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.7419	0.1720	0.6847	0.5804	0.4082

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5385	0.4673	0.5332	0.0318	0.7867
comedy_comparisons1%		0.5048	0.4952	0.4774	-0.0200	0.8130
comedy_comparisons10%		0.5302	0.4698	0.5299	0.0598	0.9815
connect-4		0.9867	0.0089	0.7262	0.6308	0.2097
cottonmeloidogyne		0.6587	0.3413	0.6600	0.3162	0.8612
coupon		0.6333	0.3667	0.6176	0.2281	0.8907
covid19		0.4541	0.1560	0.1897	0.0988	0.5943
covtype		0.9389	0.0175	0.8937	0.9019	0.1744
covtype10%		0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD		0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT		0.9855	0.0145	0.9442	0.8885	0.2569
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9995	0.0005	0.9317	0.8629	0.2254
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn		0.9794	0.0206	0.6513	0.2404	0.4332
cybersecurity		0.1433	0.2856	0.1455	-0.0302	0.8424
cyclopentane		0.5926	0.4074	0.6115	0.2080	0.8796
cylinder-bands		0.7222	0.2778	0.7129	0.4088	0.7593
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0944	0.1811	0.0945	-0.0062	0.9201
day1%		0.9861	0.0207	0.9584	0.9494	0.1481
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8177	0.1823	0.6972	0.3610	0.6627
defect		0.8673	0.1327	0.7044	0.3375	0.5280
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8952	0.1048	0.6835	0.3106	0.5483
depressed		0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.5625	0.2917	0.6143	0.3086	0.4783
DIA		0.8833	0.1167	0.8416	0.6316	0.2737
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k		0.9236	0.0764	0.6813	0.2278	0.3662
diabetes-risk		0.9071	0.0929	0.8537	0.7055	0.4845
diabetic		0.5359	0.3094	0.3854	0.0716	0.5662
diabetic1%		0.5784	0.2810	0.3793	0.1429	0.4927
diabetic10%		0.5177	0.3215	0.3266	0.0350	0.5571
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9500	0.0250	0.9350	0.9305	0.0670
diamonds_all		0.6654	0.1339	0.6032	0.5171	0.4007
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.4583	0.5417	0.4345	-0.1304	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9795	0.0068	0.5272	0.0505	0.4647
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5459	0.4541	0.5414	0.0821	0.9699
dota210%		0.5544	0.4456	0.5492	0.0962	0.9600
drebin		0.9807	0.0193	0.9793	0.9585	0.1279
dropout		0.7314	0.1791	0.6553	0.5242	0.4263

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.3883	0.1748	0.1227	0.0183	0.4782
drug-02		0.5213	0.1368	0.1838	0.1269	0.5227
drug-03		0.6968	0.0866	0.1828	0.0968	0.2617
drug-04		0.5319	0.1337	0.2566	0.1510	0.5024
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4468	0.1581	0.3052	0.3010	0.5219
drug-07		0.3830	0.1763	0.1217	-0.0161	0.4556
drug-08		0.5532	0.1277	0.1447	0.0905	0.3879
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1804	0.1495	0.4351
drug-11		0.8457	0.0441	0.1313	0.0201	0.2017
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6117	0.1109	0.2170	0.2390	0.4507
drug-14		0.5745	0.1216	0.2321	0.2044	0.4306
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5638	0.1246	0.2356	0.2596	0.4541
drug-17		0.3511	0.1854	0.1548	0.1110	0.5995
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0068	0.2303
drybean		0.9265	0.0210	0.9385	0.9111	0.1211
ecoli		0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9169	0.8197	0.1808
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.2690	0.0235	0.8331
eeg		0.4716	0.0660	0.4981	0.4124	0.5625
eeg-eye		0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%		0.3486	0.0814	0.3163	0.2739	0.5917
email_phishing		0.9882	0.0118	0.6980	0.2934	0.2906
eucalyptus		0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid		0.9525	0.0475	0.8573	0.7110	0.4096
exon.vs.intron-freq		0.9621	0.0379	0.9626	0.9243	0.2081
exon.vs.intron-freq10%		0.9167	0.0833	0.9204	0.8340	0.3413
fakenews		0.5100	0.4900	0.5093	0.0183	0.9904
farm-ads		0.6546	0.3454	0.7044	0.3329	0.6625
fbis-wc		0.5894	0.0483	0.5191	0.5358	0.3454
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5882	0.4118	0.5748	0.1384	0.9138
financial-risk		0.7025	0.0992	0.4214	0.4879	0.3048
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.4500	0.1375	0.2420	0.2994	0.3268
fonts		0.7611	0.0031	0.6013	0.7502	0.3362
fonts10%		0.5283	0.0062	0.2723	0.5061	0.6044
forest		0.8846	0.0577	0.8658	0.8398	0.1322
gas		0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal		0.6875	0.2083	0.6898	0.5031	0.5143
gender		0.6211	0.2526	0.4242	0.1830	0.5780
gene		0.8517	0.0988	0.8562	0.7704	0.3411
german		0.7100	0.2900	0.6608	0.2487	0.6879
gestures		0.6661	0.1670	0.6966	0.5551	0.4169
gina		0.8357	0.1643	0.8370	0.6707	0.5802
gisette		0.9529	0.0471	0.9529	0.9057	0.2540
glass		0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8690	0.1310	0.8679	0.7339	0.5168
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.2667	0.3667	0.3131	0.0060	0.5810
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.9588	0.0069	0.8216	0.9513	0.0402
har		0.9954	0.0018	0.9950	0.9942	0.0137
har70		0.9306	0.0198	0.6874	0.8971	0.1853
har701%		0.9137	0.0247	0.5390	0.8728	0.1588
har7010%		0.9216	0.0224	0.6069	0.8838	0.1846
harth		0.9002	0.0166	0.7016	0.8642	0.1871
harth1%		0.8683	0.0220	0.5978	0.8201	0.2060
harth10%		0.8865	0.0189	0.6709	0.8453	0.1980
hayes-roth		0.6875	0.2083	0.7253	0.5000	0.4011
hcc-survival		0.8235	0.1765	0.8240	0.6434	0.6112
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8889	0.1111	0.8914	0.7596	0.3038
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.9700	0.0300	0.9651	0.9293	0.1667
heart-quantum		0.8200	0.1800	0.8195	0.6341	0.6200
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass		0.8273	0.1727	0.8276	0.6547	0.6082
hepmass1%		0.8301	0.1699	0.8301	0.6601	0.6038
hepmass10%		0.8401	0.1599	0.8401	0.6802	0.5827
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.6734	0.3273	0.6683	0.3401	0.8640
higgs0.1%		0.6345	0.3655	0.6314	0.2611	0.8942
higgs1%		0.6483	0.3517	0.6456	0.2841	0.8679
higgs10%		0.6826	0.3174	0.6805	0.3595	0.8409
higher		0.2857	0.1786	0.1339	0.1250	0.3048
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.6875	0.3125	0.6942	0.3574	0.7631
hiv1-proteasa		0.8853	0.1147	0.7755	0.5358	0.5568
hiva		0.9598	0.0402	0.4897	-0.0084	0.4680
horse		0.5833	0.2778	0.4481	0.1401	0.3449
hotel-reservartions		0.8569	0.1431	0.8332	0.6582	0.5374
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%		0.9999	0.0001	0.9999	0.9998	0.0007
htru2		0.9777	0.0223	0.9300	0.8571	0.2133
hypothyroid		0.9284	0.0358	0.4613	0.3930	0.1518
hypothyroidT		0.9496	0.0504	0.7924	0.5147	0.2647
ilpd		0.6780	0.3220	0.4865	-0.0163	0.8299
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9707	0.0147	0.9709	0.9609	0.0639
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9037	0.0074	0.9052	0.8999	0.0841

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8246	0.1754	0.6569	0.2366	0.6017
jvowels		0.9970	0.0007	0.9970	0.9966	0.0056
kc1		0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.6429	0.0298	0.0357	0.2045	0.1087
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007		0.2743	0.1814	0.3488	0.1524	0.4160
kddcup98		0.9044	0.0894	0.4913	-0.0166	0.6443
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		1.0000	0.0000	0.6444	0.9862	0.0033
kddcup991%		0.9988	0.0001	0.5457	0.9979	0.0014
kddcup9910%		0.9994	0.0000	0.7292	0.9990	0.0303
kepler		0.8420	0.1053	0.7946	0.7392	0.2885
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7640	0.0262	0.7607	0.7364	0.2748
krvskp		0.9342	0.0658	0.9343	0.8678	0.3166
la1s-wc		0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc		0.4238	0.1921	0.4498	0.2935	0.5326
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.5882	0.0206	0.3317	0.5677	0.0757
led24		0.6500	0.0700	0.6391	0.6056	0.1660
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9610	0.0030	0.9605	0.9594	0.0464
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8611	0.0185	0.8750	0.8509	0.0672
linkage		0.9947	0.0000	0.9893	1.0000	0.0118
linkage1%		0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%		1.0000	0.0000	0.9976	0.9952	0.0209
liver		0.7647	0.2353	0.7455	0.4868	0.7356
loan		0.9110	0.0890	0.9046	0.8082	0.4001
localization		0.7572	0.0441	0.5382	0.6923	0.4326
localization10%		0.6820	0.0578	0.4348	0.5930	0.4867
lrs		0.8491	0.0302	0.5605	0.7915	0.1271
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5385	0.4615	0.5385	0.0769	0.9763
magic04		0.8417	0.1583	0.8238	0.6275	0.5230
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8330	0.6636	0.5893
marketing		0.8839	0.1161	0.7370	0.3147	0.2531
maternal		0.8614	0.0924	0.8645	0.7898	0.3273
math		0.6250	0.1875	0.4913	0.3834	0.3846
mba		0.8290	0.1140	0.3409	0.0087	0.3146
mental-disorders		0.8333	0.0833	0.8333	0.7778	0.1667
mental-health		0.2100	0.3160	0.2032	0.0115	0.8513

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6174	0.3826	0.6239	0.2425	0.8909
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.9444	0.0278	0.9571	0.9227	0.0673
meter-D			0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac			0.9800	0.0040	0.9807	0.9778	0.0226
mfeat-fou			0.8050	0.0390	0.8098	0.7833	0.1566
mfeat-kar			0.9550	0.0090	0.9561	0.9500	0.0565
mfeat-mor			0.7250	0.0550	0.7265	0.6944	0.1882
mfeat-pix			0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-zer			0.8050	0.0390	0.8057	0.7833	0.1106
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.4706	0.2118	0.4346	0.3398	0.4793
mobile			0.6958	0.0109	0.7274	0.6903	0.1240
monks-1			0.8364	0.1636	0.8415	0.6715	0.5468
monks-2			0.8197	0.1803	0.7982	0.5960	0.6483
monks-3			0.9107	0.0893	0.9127	0.8205	0.3690
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4800	0.0945	0.4998	0.3671	0.5362
musk			0.9591	0.0409	0.9184	0.8291	0.2147
MUT_ci300400a_cdk_ECFP2			0.7710	0.2290	0.7669	0.5331	0.7191
MUT_ci300400a_cdk_ECFP4			0.7701	0.2299	0.7646	0.5289	0.7228
MUT_ci300400a_cdk_ECFP6			0.7557	0.2443	0.7491	0.4983	0.7466
MUT_ci300400a_cdk_ESTATE			0.7458	0.2542	0.7366	0.4726	0.7618
MUT_ci300400a_cdk_EXTENDED			0.8489	0.1511	0.8448	0.6896	0.5697
MUT_ci300400a_cdk_FCFP2			0.7713	0.2287	0.7635	0.5266	0.7213
MUT_ci300400a_cdk_FCFP4			0.7590	0.2410	0.7534	0.5066	0.7405
MUT_ci300400a_cdk_FCFP6			0.7674	0.2326	0.7663	0.5297	0.7182
MUT_ci300400a_cdk_MACCS			0.8165	0.1835	0.8108	0.6214	0.6382
MUT_ci300400a_cdk_PUBCHEM			0.8335	0.1665	0.8280	0.6557	0.6020
MUT_ci300400a_cdk_STANDARD			0.8491	0.1509	0.8442	0.6881	0.5673
MUT_ci300400a_rdkit_descriptors			0.8471	0.1529	0.8432	0.6862	0.5709
myocardial			0.8647	0.0338	0.2657	0.2387	0.1116
naticusdroid			0.9618	0.0382	0.9618	0.9236	0.2176
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA			0.9482	0.0055	0.7575	0.8605	0.4233
ncRNA1%			0.8982	0.0107	0.4357	0.7059	0.4539
ncRNA10%			0.9217	0.0082	0.5980	0.7838	0.5865
neo			0.9096	0.0904	0.6626	0.2316	0.4753
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.4160	0.0265	0.4714	0.3973	0.4102
newspop			0.6423	0.3577	0.6412	0.2823	0.8883
NHANES_age_prediction			0.9427	0.0573	0.8863	0.7612	0.3029
nomao			0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits			0.4861	0.3426	0.3025	-0.0242	0.5636
nursery			0.9375	0.0250	0.6746	0.9075	0.0868
obesity			0.8341	0.0474	0.8313	0.8063	0.2124
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation			0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc			0.5050	0.0990	0.4830	0.4098	0.3648
oh10-wc			0.2381	0.1524	0.2482	0.1623	0.3796
oh15-wc			0.3043	0.1391	0.3263	0.1764	0.4462
oh5-wc			0.1538	0.1692	0.1485	0.0246	0.3873

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.2966	0.1407	0.3191	0.2128	0.6721
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9030	0.0970	0.6225	0.2127	0.6247
opn310k10%		0.9066	0.0934	0.6261	0.2165	0.6122
opnat310k-hg16-17		0.9076	0.0924	0.6420	0.2451	0.5974
optdigits		0.9715	0.0057	0.9735	0.9683	0.0403
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr		0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr		0.9130	0.0870	0.5398	0.0537	0.6079
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8041	0.1959	0.7835	0.5669	0.6802
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8717	0.7320	0.4784
p53-mutants		0.9955	0.0045	0.6848	0.2983	0.3495
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9781	0.0088	0.8613	0.8742	0.1672
parkinson		0.9333	0.0667	0.9329	0.8638	0.3290
parkinsons		0.7346	0.2654	0.7092	0.4104	0.7741
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.8990	0.1010	0.8769	0.7534	0.4858
particle10%		0.8838	0.1162	0.8536	0.7063	0.5170
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9009	0.0991	0.5548	0.1042	0.6873
pcmac		0.5979	0.4021	0.5672	0.0581	0.6967
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia		0.7353	0.0756	0.6727	0.6648	0.1654
pendigits		0.9936	0.0013	0.9936	0.9929	0.0116
period		0.7778	0.2222	0.7568	0.4000	0.4011
period-10f		0.1111	0.8889	0.1000	-0.5000	0.9422
persistency		0.7289	0.2711	0.7002	0.3667	0.7282
personalities		0.9882	0.0015	0.9882	0.9874	0.0224
pet-adoption		0.8100	0.1900	0.7796	0.5567	0.6674
phishing		0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL		0.9968	0.0032	0.9967	0.9934	0.0294
PhiUSIIL10%		0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc		0.9831	0.0015	0.9989	1.0000	0.0099
phone-acc0.1%		0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%		0.7945	0.0587	0.7822	0.7595	0.2406
phone-acc10%		0.8553	0.0413	0.8466	0.8308	0.1747
phone-gyr		0.9415	0.0167	0.9370	0.9316	0.0893
phone-gyr0.1%		0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%		0.8313	0.0482	0.8207	0.8025	0.2202
phone-gyr10%		0.8874	0.0322	0.8798	0.8684	0.1547
phoneme		0.9148	0.0852	0.8930	0.7843	0.4091
phy		0.6780	0.3220	0.6780	0.3560	0.8484
pima		0.7368	0.2632	0.7191	0.4081	0.7142
pirvision		0.9987	0.0009	0.9977	0.9959	0.0038
placement		0.7980	0.2020	0.7919	0.5835	0.6735
plant-growth		0.7368	0.2632	0.7389	0.4751	0.7624
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.5383	0.0923	0.2216	0.1274	0.2845
poker1%		0.4985	0.1003	0.1815	0.0454	0.3325
poker10%		0.5058	0.0988	0.2069	0.0586	0.3830
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9357	0.0643	0.6719	0.1613	0.2810
polya			0.7686	0.2314	0.7428	0.4835	0.7359
popularity			0.6502	0.2332	0.4084	0.2153	0.4979
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc			0.6618	0.3382	0.6808	0.3235	0.7683
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.4242	0.0523	0.2031	0.3596	0.2579
processed			0.9207	0.0793	0.9081	0.8153	0.3819
profb			0.7015	0.2985	0.6240	0.2136	0.7942
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%			0.9819	0.0072	0.9689	0.9757	0.0493
pufs-128			0.4959	0.5019	0.4912	-0.0035	1.0000
pufs-1281%			0.4960	0.5040	0.4960	-0.0080	1.0000
pufs-12810%			0.5045	0.4955	0.5046	0.0091	0.9908
pufs-64			0.5032	0.4968	0.5032	0.0064	0.9982
pufs-641%			0.4996	0.5004	0.4996	-0.0008	1.0000
pufs-6410%			0.5061	0.4939	0.5061	0.0122	0.9965
pulsar			0.9808	0.0192	0.9407	0.8785	0.1663
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv1			0.2426	0.0427	0.0177	-0.0104	0.2858
rcv11%			0.4056	0.0224	0.1564	0.2553	0.3790
rcv110%			0.5560	0.0168	0.3022	0.4811	0.5852
re0-wc			0.6133	0.0595	0.5859	0.5065	0.4841
re1-wc			0.5181	0.0386	0.4769	0.4426	0.3909
rejafada			0.9497	0.0503	0.4871	-0.0216	0.6256
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.6277	0.0115	0.2558	0.4256	0.3725
rice			0.9857	0.0143	0.9856	0.9711	0.0997
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6139	0.3861	0.6004	0.2007	0.9186
RT_IOT2022			0.9981	0.0003	0.9764	0.9951	0.0037
satimage			0.9051	0.0316	0.8953	0.8832	0.1589
satimageF			0.9876	0.0124	0.9684	0.9367	0.1925
satimageT			0.9487	0.0513	0.8560	0.7117	0.4573
scadi			0.7143	0.0816	0.3896	0.6111	0.0825
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5588	0.4412	0.5700	0.1176	0.8809
sclerosis			0.9630	0.0370	0.9635	0.9244	0.1598
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9437	0.0161	0.9494	0.9342	0.0732
segmentation			0.8663	0.1337	0.8571	0.7131	0.5413
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.5890	0.0543	0.4408
sens-2-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-3-gram			0.8737	0.1263	0.6333	0.1180	0.4289
sens-4-gram			0.8632	0.1368	0.5795	0.0936	0.5903
sens-5-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram			0.8789	0.1211	0.6856	0.1312	0.2567

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8632	0.1368	0.5884	0.1163	0.6103
sens-8-gram			0.8605	0.1395	0.5188	0.0127	0.5424
sens-9-gram			0.8605	0.1395	0.5188	0.0127	0.5424
sensorless			0.8581	0.0258	0.8587	0.8439	0.1664
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8792	0.1208	0.7254	0.3840	0.4977
shuttle			0.9993	0.0002	0.9040	0.9981	0.1298
sick			0.9469	0.0530	0.7550	0.4968	0.5125
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9998	0.0002	0.9998	0.9995	0.0044
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.8320	0.1680	0.8348	0.6626	0.5743
smart-farming			0.2200	0.3900	0.1561	-0.0506	0.7801
smk_can_187			0.5789	0.4211	0.5748	0.1461	0.9386
smoking			0.7913	0.2087	0.7747	0.5493	0.6969
soil_pollution			0.2033	0.3187	0.2023	0.0043	0.8752
solar-flare			0.7554	0.0815	0.6716	0.6847	0.2033
sonar			0.8000	0.2000	0.8276	0.6000	0.4308
soybean			0.9706	0.0031	0.9894	0.9677	0.0170
spam-detection			0.9530	0.0470	0.8523	0.7027	0.4346
spambase			0.8935	0.1065	0.8885	0.7770	0.4601
spect			0.7407	0.2593	0.6469	0.2921	0.7993
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.4717	0.0220	0.2274	0.4402	0.1532
splice-EI			0.9211	0.0789	0.8980	0.7952	0.4329
splice-IE			0.9117	0.0883	0.8735	0.7437	0.4353
sport-articles			0.8600	0.1400	0.8478	0.6928	0.5387
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5385	0.5455	0.2005
startup			0.7957	0.2043	0.7871	0.4874	0.3924
steel_industry			0.8613	0.0925	0.8280	0.7746	0.3037
steel-b			0.8615	0.1385	0.7828	0.5635	0.6203
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9744	0.0256	0.9604	0.9206	0.1989
steel-o			0.7897	0.2103	0.7638	0.5258	0.7019
steel-p			0.9179	0.0821	0.6063	0.0946	0.4184
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9334	0.8638	0.3518
stellar			0.9056	0.0629	0.8934	0.8275	0.2481
stock			0.8542	0.1458	0.7130	0.3108	0.4409
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8100	0.1900	0.8074	0.6121	0.6387
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6050	0.1580	0.3281	0.3412	0.4176
student-depression			0.7140	0.2860	0.6992	0.3872	0.7882
student-habits			0.3000	0.2800	0.1793	-0.0897	0.6101
student-weekend			0.2923	0.2831	0.1271	-0.0629	0.6434
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.5385	0.3077	0.5750	0.2642	0.4771
susy			0.7553	0.2447	0.7528	0.5036	0.7387
susy1%			0.7762	0.2238	0.7770	0.5411	0.6715
susy10%			0.7865	0.2135	0.7869	0.5630	0.6583
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5333	0.3000	0.5691
telco-churn			0.8750	0.1250	0.8328	0.6586	0.5228
texture			0.9800	0.0036	0.9810	0.9779	0.0290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.9836	0.0164	0.9832	0.9663	0.1157
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.7591	0.2409	0.7101	0.4121	0.7548
tourist			0.6250	0.1250	0.2626	0.4146	0.1409
tox_171			0.7059	0.1471	0.7208	0.6101	0.2469
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6670	0.3307	0.8305
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.5365	0.0711	0.8812
trec11-wc			0.6098	0.0867	0.5870	0.5194	0.2999
trec12-wc			0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc			0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc			0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc			0.6882	0.0891	0.4645	0.5574	0.2748
trec41-wc			0.5227	0.0955	0.3228	0.3658	0.3106
trec45-wc			0.3043	0.1391	0.2630	0.1066	0.3364
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.7000	0.1500	0.6933	0.6000	0.3643
tvnews			0.9437	0.0563	0.9391	0.8768	0.2763
tvnews1%			0.9000	0.1000	0.8917	0.7806	0.4235
tvnews10%			0.8766	0.1234	0.8658	0.7297	0.4992
ur3_cobotops_grip			0.9728	0.0272	0.7282	0.4002	0.3848
ur3_cobotops_stop			0.9701	0.0299	0.7400	0.3045	0.0923
urban			0.7910	0.0464	0.7837	0.7541	0.1642
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%			0.7360	0.2615	0.6946	0.2642	0.4838
ustilago			0.9194	0.0727	0.5469	0.0467	0.2374
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7381	0.1310	0.6882	0.6431	0.3077
vehicleVAN			0.9524	0.0476	0.9393	0.8769	0.3203
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			1.0000	0.0000	1.0000	1.0000	0.0000
vowel			0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17			0.9136	0.0864	0.6480	0.1388	0.3648
wap-wc			0.3846	0.0615	0.2776	0.3190	0.3477
warpar10p			0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.9429	0.0163	0.9423	0.9332	0.0922
watch-acc1%			0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%			0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr			0.9131	0.0248	0.9122	0.8985	0.1355
watch-gyr1%			0.7473	0.0722	0.7439	0.7048	0.3154
watch-gyr10%			0.8311	0.0483	0.8300	0.8027	0.2263
water_pollution			0.2400	0.3800	0.2339	-0.0146	0.8138
waveform			0.8380	0.1080	0.8387	0.7570	0.3690
weather-related			0.9731	0.0049	0.9756	0.9695	0.0372
web-phishing			0.8222	0.1185	0.7476	0.6883	0.4685
Weekly			0.9815	0.0185	0.9812	0.9625	0.1262
weight-lift			0.9934	0.0027	0.9931	0.9916	0.0203
white-clover			0.5000	0.2500	0.1667	-0.2857	0.3909
wifi-loc			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9814	0.0186	0.8924	0.7711	0.1899
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white			0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg			0.9984	0.0004	0.9970	0.9980	0.0075
winnipeg10%			0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.6875	0.0417	0.6732	0.6667	0.0602
yeast			0.5203	0.0959	0.3775	0.3825	0.4241
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9591	0.0082	0.9546	0.9542	0.0668

Table 89: Detailed results for k-NN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1631	0.0577	0.1200	0.0832	0.5793
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9828	0.0172	0.6537	0.1979	0.3296
accident		0.4500	0.5500	0.4497	-0.1000	1.0000
ads		0.9726	0.0274	0.9416	0.8761	0.0941
adult		0.8411	0.1589	0.7666	0.5270	0.6406
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9941	0.0059	0.6782	0.0537	0.0247
aids		0.8028	0.1972	0.6977	0.3569	0.6648
air_pollution		0.2833	0.2048	0.1573	0.0227	0.7561
air-booking		0.8218	0.1782	0.5895	0.1702	0.7613
airline		0.9281	0.0719	0.9270	0.8526	0.3335
alcohol		0.7429	0.1029	0.3671	0.3102	0.3607
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7302	0.2698	0.6910	0.3724	0.7865
anneal		0.9888	0.0045	0.9858	0.9759	0.0146
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus		0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species		0.9861	0.0028	0.9743	0.9807	0.0592
anxiety		0.0750	0.2056	0.0655	-0.0396	0.7843
apple-quality		0.8900	0.1100	0.8901	0.7800	0.4595
aps-failure		0.9900	0.0100	0.8457	0.6860	0.3560
arabidopsis		0.9544	0.0152	0.5582	0.1168	0.5360
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9870	0.0130	0.6040	0.2078	0.5532
arabidopsis10%		0.9832	0.0210	0.5195	0.0501	0.4554

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia		0.6000	0.0615	0.2130	0.1988	0.2662
auction		0.8873	0.1127	0.6886	0.3274	0.5665
audiology		0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult		0.9000	0.1000	0.8697	0.7244	0.3859
autism-child		0.7586	0.2414	0.7657	0.5201	0.7027
autos		0.8000	0.0667	0.6553	0.7324	0.1641
avila		0.7652	0.0391	0.7763	0.6938	0.3689
babies		0.3790	0.1774	0.1478	0.0329	0.5454
balance		0.8871	0.0753	0.6164	0.7903	0.3043
bank		0.8985	0.1015	0.6798	0.2946	0.5306
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy		0.9600	0.0400	0.9606	0.9180	0.2092
barleyblumeria		0.8687	0.1313	0.8620	0.6931	0.3677
basehock		0.8040	0.1960	0.8157	0.6075	0.5740
bio		0.9973	0.0027	0.9183	0.8313	0.1628
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8762	0.1238	0.8695	0.7388	0.5111
biomed		0.9048	0.0952	0.9114	0.8073	0.3522
bitcoin		0.9684	0.0012	0.1226	0.3953	1.0000
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0010	0.0463	0.0047	0.0212
body-perf		0.5843	0.2078	0.5939	0.4458	0.5490
bookings		0.9355	0.0430	0.7299	0.8624	0.2777
brain-tumor		0.5015	0.4985	0.5015	0.0030	0.9991
breast-cancer		0.6429	0.3571	0.5276	0.0541	0.9174
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.5000	0.1429	0.4685	0.3590	0.2261
bub10at310k-hg16-17		0.9116	0.0884	0.6364	0.1794	0.4865
bub12at310k-hg16-17		0.9104	0.0896	0.6294	0.1712	0.5010
bub8at310k-hg16-17		0.9093	0.0907	0.6379	0.2201	0.5636
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		1.0000	0.0000	1.0000	1.0000	0.0000
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4650	0.3567	0.3318	0.0229	0.7403
car		0.9310	0.0345	0.9073	0.8591	0.2477
car-insurance		0.8040	0.1960	0.7725	0.5450	0.6904
card		0.8406	0.1594	0.8389	0.6616	0.5218
cardiotocography		0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp		0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular		0.6488	0.3512	0.6489	0.2975	0.8807
cargo2k		0.9797	0.0135	0.9797	0.9695	0.0655
cars		0.7000	0.2000	0.5062	0.3790	0.4522
cas_N6512_cdk_ECFP2		0.7020	0.2980	0.7008	0.4015	0.8188
cas_N6512_rdkit_ATOMPAIR		0.7277	0.2723	0.7251	0.4489	0.7820
cas_N6512_RDkit_AtomPair_FP		0.7469	0.2531	0.7447	0.4888	0.7547
cas_N6512_rdkit_AVALON		0.7896	0.2104	0.7879	0.5756	0.6845
cas_N6512_RDkit_Avalon_FP		0.7975	0.2025	0.7971	0.5938	0.6690
cas_N6512_rdkit_descriptors		0.7631	0.2369	0.7617	0.5233	0.7304
cas_N6512_rdkit_FEATMORGAN		0.7327	0.2673	0.7328	0.4647	0.7740
cas_N6512_RDkit_Featmorgan_FP		0.7454	0.2546	0.7467	0.4914	0.7514
cas_N6512_RDkit_FP		0.7699	0.2301	0.7694	0.5385	0.7177
cas_N6512_rdkit_LAYERED		0.7723	0.2277	0.7723	0.5439	0.7122
cas_N6512_RDkit_Layered_FP		0.7515	0.2485	0.7497	0.4992	0.7487

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7696	0.2304	0.7681	0.5361	0.7197
cas_N6512_RDkit_MACCS_FP		0.7607	0.2393	0.7616	0.5216	0.7287
cas_N6512_rdkit_MORGAN		0.7308	0.2692	0.7389	0.4671	0.7479
cas_N6512_RDkit_morgan_FP		0.7270	0.2730	0.7260	0.4518	0.7847
cas_N6512_rdkit_PATTERN		0.7554	0.2446	0.7580	0.5124	0.7310
cas_N6512_RDkit_pattern_FP		0.7623	0.2377	0.7609	0.5218	0.7317
cas_N6512_rdkit_RDKITFP		0.7834	0.2166	0.7823	0.5647	0.6958
cas_N6512_rdkit_TORSION		0.7415	0.2585	0.7403	0.4805	0.7639
ccds		0.9696	0.0381	0.6459	0.0771	0.2252
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9624	0.0376	0.6718	0.0404	0.1093
cdc_diabetes		0.8455	0.1030	0.4116	0.1537	0.3143
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7772	0.2228	0.7689	0.5322	0.7052
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8094	0.5869	0.3207
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9542	0.0458	0.6647	0.1532	0.2651
CDS49_AID687_Rdkit-ecfp4-fp		0.9967	0.0033	0.4992	-0.0013	0.5230
census		0.9436	0.0564	0.6961	0.3144	0.4269
census10%		0.9438	0.0561	0.6641	0.2315	0.4200
central-nervous-system		0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia		0.4840	0.2580	0.4266	0.2304	0.5934
chrom19		0.9884	0.0003	0.9131	0.8163	0.3266
chrom191%		1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%		0.9992	0.0008	0.7946	0.5878	0.4445
chrom21		0.9905	0.0002	0.6686	0.1437	0.1774
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9096	0.0904	0.5567	0.0839	0.6212
churn		0.8320	0.1680	0.7016	0.3674	0.6407
churn-bigml		0.8577	0.1423	0.6239	0.1625	0.5672
ci900367j_MACCS		0.7053	0.2947	0.6721	0.3144	0.7732
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.5238	0.3175	0.3520	0.0749	0.5310
cjs		0.9857	0.0048	0.9859	0.9826	0.0298
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8037	0.0981	0.6561	0.6865	0.3423
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4807	0.2152	0.7303
cnae-9		0.8519	0.0329	0.8652	0.8333	0.1184
codon_usage		0.9233	0.0140	0.8203	0.9070	0.1616
coil20		0.9792	0.0021	0.9812	0.9781	0.0112
college		0.9091	0.0909	0.8839	0.7674	0.4467
collins		0.3800	0.0827	0.2091	0.3005	0.3127
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.6552	0.3448	0.5679	0.1104	0.8482
colposcopies-2		0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3		0.5862	0.4138	0.5287	0.0279	0.7720
colposcopies-4		0.7241	0.2759	0.5767	0.1008	0.7373
colposcopies-5		0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6		0.6552	0.3448	0.6656	0.2995	0.7967
colposcopies-c		0.7586	0.2414	0.5904	0.1288	0.7232
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.7742	0.1505	0.7318	0.6303	0.3780

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5344	0.4656	0.5243	0.0320	0.7747
comedy_comparisons1%		0.5092	0.4908	0.4935	-0.0079	0.8643
comedy_comparisons10%		0.5358	0.4714	0.5342	0.0591	0.9936
connect-4		0.9868	0.0088	0.7411	0.6475	0.2570
cottonmeloidogyne		0.6514	0.3486	0.6535	0.3016	0.8648
coupon		0.6459	0.3541	0.6304	0.2461	0.8611
covid19		0.4700	0.1514	0.1897	0.1159	0.5805
covtype		0.9389	0.0175	0.8937	0.9019	0.1744
covtype10%		0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD		0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT		0.9855	0.0145	0.9442	0.8885	0.2569
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9995	0.0005	0.9317	0.8629	0.2254
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn		0.9772	0.0228	0.6743	0.3410	0.5453
cybersecurity		0.1433	0.2856	0.1455	-0.0302	0.8424
cyclopentane		0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands		0.7037	0.2963	0.6920	0.3730	0.8001
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1004	0.1799	0.1042	0.0005	0.8606
day1%		1.0000	0.0203	0.9567	0.9499	0.1468
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8173	0.1827	0.6958	0.3552	0.6583
defect		0.8642	0.1358	0.7146	0.4140	0.6426
dementia		0.9800	0.0200	0.9803	0.9599	0.1081
deposit		0.8952	0.1048	0.6835	0.3106	0.5483
depressed		0.8112	0.1888	0.5616	0.0994	0.7452
dermatology		1.0000	0.0000	1.0000	1.0000	0.0000
desharnais		0.5000	0.3333	0.3366	0.0303	0.5178
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.5625	0.2917	0.4290	0.3000	0.5195
DIA		0.8833	0.1167	0.8416	0.6316	0.2737
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k		0.9229	0.0771	0.6798	0.2827	0.4755
diabetes-risk		0.8912	0.1088	0.8299	0.6587	0.5431
diabetic		0.5359	0.3094	0.3781	0.0720	0.5714
diabetic1%		0.5588	0.2941	0.3673	0.0895	0.4976
diabetic10%		0.5138	0.3242	0.3240	0.0309	0.5701
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9500	0.0250	0.9363	0.9310	0.0954
diamonds_all		0.6656	0.1338	0.6063	0.5176	0.4013
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.3333	0.6667	0.2903	-0.4118	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		1.0000	0.0076	0.5174	0.0416	0.4424
dna10%		0.9925	0.0069	0.5340	0.0518	0.4693
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5459	0.4541	0.5414	0.0821	0.9699
dota210%		0.5573	0.4427	0.5528	0.1042	0.9604
drebin		0.9840	0.0160	0.9829	0.9657	0.1135
dropout		0.7449	0.1701	0.6664	0.5534	0.4239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.3883	0.1748	0.1227	0.0183	0.4782
drug-02		0.5053	0.1413	0.1761	0.0975	0.5567
drug-03		0.7021	0.0851	0.1785	0.0882	0.1991
drug-04		0.5319	0.1337	0.2566	0.1510	0.5024
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.2702	0.2669	0.5560
drug-07		0.3830	0.1763	0.1204	-0.0222	0.4417
drug-08		0.5691	0.1231	0.2083	0.1347	0.3605
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1575	0.1519	0.4096
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6117	0.1109	0.1715	0.2315	0.4323
drug-14		0.5798	0.1201	0.2385	0.2058	0.4032
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5638	0.1246	0.2356	0.2596	0.4541
drug-17		0.3511	0.1854	0.1548	0.1110	0.5995
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9258	0.0212	0.9398	0.9102	0.1196
ecoli		0.7941	0.0515	0.4838	0.7136	0.1517
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.3100	0.3450	0.3111	0.0769	0.7931
eeg		0.4716	0.0660	0.4981	0.4124	0.5625
eeg-eye		0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%		0.3536	0.0808	0.3299	0.2816	0.6090
email_phishing		0.9873	0.0127	0.6785	0.3036	0.4154
eucalyptus		0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid		0.9525	0.0475	0.8573	0.7110	0.4096
exon.vs.intron-freq		0.9621	0.0379	0.9626	0.9243	0.2081
exon.vs.intron-freq10%		0.9167	0.0833	0.9204	0.8340	0.3413
fakenews		0.5575	0.4425	0.5581	0.1158	0.9606
farm-ads		0.6546	0.3454	0.7044	0.3329	0.6625
fbis-wc		0.6382	0.0426	0.5798	0.5857	0.2762
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4902	0.5098	0.4812	-0.0376	1.0000
financial-risk		0.6695	0.1102	0.4056	0.4551	0.4202
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.4000	0.1500	0.2262	0.2233	0.3052
fonts		0.7674	0.0031	0.5917	0.7538	0.3333
fonts10%		0.5285	0.0062	0.2718	0.5062	0.6044
forest		0.9038	0.0481	0.8906	0.8669	0.1249
gas		0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal		0.6875	0.2083	0.6898	0.5031	0.5143
gender		0.6168	0.2554	0.4449	0.1852	0.6197
gene		0.8612	0.0925	0.8644	0.7842	0.3270
german		0.7100	0.2900	0.6582	0.2602	0.7246
gestures		0.6661	0.1670	0.6966	0.5551	0.4169
gina		0.8329	0.1671	0.8351	0.6647	0.5784
gisette		0.9571	0.0429	0.9571	0.9143	0.2376
glass		0.7619	0.0794	0.8224	0.6779	0.2764
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8571	0.1429	0.8571	0.7108	0.5408
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.4000	0.3000	0.4681	0.1718	0.4058
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.9387	0.0102	0.7795	0.9275	0.0587
har		0.9954	0.0018	0.9950	0.9942	0.0137
har70		0.8946	0.0291	0.6136	0.8373	0.3551
har701%		0.9142	0.0245	0.6424	0.8736	0.1675
har7010%		0.9216	0.0224	0.6069	0.8838	0.1846
harth		0.8656	0.0189	0.6399	0.8213	0.2270
harth1%		0.8703	0.0216	0.6127	0.8230	0.2175
harth10%		0.8865	0.0189	0.6709	0.8453	0.1980
hayes-roth		0.6875	0.2083	0.7348	0.5031	0.4033
hcc-survival		0.8824	0.1176	0.8786	0.7571	0.4880
health-activity		0.7300	0.1350	0.2110	-0.0530	0.4958
heart		0.7037	0.2963	0.6932	0.3864	0.8222
heart-attack		0.9355	0.0645	0.9393	0.8714	0.2605
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.9700	0.0300	0.9650	0.9295	0.1765
heart-quantum		0.7800	0.2200	0.7858	0.5600	0.6719
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass		0.8246	0.1808	0.8252	0.6381	0.6299
hepmass1%		0.8298	0.1702	0.8299	0.6595	0.6039
hepmass10%		0.8126	0.1842	0.8083	0.6294	0.6550
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.6750	0.3325	0.6764	0.3362	0.8696
higgs0.1%		0.6400	0.3600	0.6369	0.2710	0.8866
higgs1%		0.6500	0.3500	0.6475	0.2873	0.8648
higgs10%		0.6441	0.3511	0.6404	0.2894	0.9003
higher		0.1429	0.2143	0.1111	-0.0435	0.3928
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.7500	0.2500	0.7535	0.4900	0.7051
hiv1-proteasa		0.8803	0.1197	0.7607	0.4949	0.5481
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5833	0.2778	0.4481	0.1401	0.3449
hotel-reservartions		0.8614	0.1386	0.8406	0.6805	0.5581
hr		0.7930	0.2070	0.4758	-0.0455	0.8056
ht-sensor		1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%		0.9999	0.0001	0.9999	0.9998	0.0007
htru2		0.9760	0.0240	0.9245	0.8460	0.2285
hypothyroid		0.9310	0.0345	0.4866	0.3918	0.0811
hypothyroidT		0.9496	0.0504	0.7956	0.4928	0.1391
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.9693	0.0153	0.9697	0.9591	0.0637
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9089	0.0070	0.9103	0.9052	0.0797

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8072	0.1928	0.5997	0.1287	0.6437
jvowels		0.9970	0.0007	0.9970	0.9966	0.0056
kc1		0.8768	0.1232	0.7238	0.3590	0.4552
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8269	0.1731	0.7038	0.3777	0.6558
kdc-4007		0.2743	0.1814	0.3488	0.1524	0.4160
kddcup98		0.8943	0.0907	0.4914	-0.0165	0.6427
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9993	0.0000	0.6350	1.0000	0.0033
kddcup991%		0.9988	0.0001	0.5457	0.9979	0.0014
kddcup9910%		0.9994	0.0000	0.7292	0.9990	0.0301
kepler		0.8368	0.1088	0.7820	0.7313	0.2829
kidney		0.7707	0.0917	0.1830	-0.0124	0.5806
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7583	0.0269	0.7525	0.7301	0.2806
krvskp		0.9342	0.0658	0.9343	0.8678	0.3166
la1s-wc		0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc		0.4238	0.1921	0.4498	0.2935	0.5326
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.5882	0.0206	0.3416	0.5704	0.0936
led24		0.6000	0.0800	0.5923	0.5506	0.1963
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9610	0.0030	0.9605	0.9594	0.0464
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8611	0.0185	0.8750	0.8509	0.0672
linkage		0.9854	0.0000	1.0000	1.0000	0.0117
linkage1%		0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%		0.9819	0.0002	1.0000	0.9901	0.0013
liver		0.7647	0.2353	0.7455	0.4868	0.7356
loan		0.8899	0.1101	0.8822	0.7642	0.4709
localization		0.7541	0.0447	0.5267	0.6876	0.4271
localization10%		0.6820	0.0578	0.4348	0.5930	0.4867
lrs		0.8491	0.0302	0.3518	0.7911	0.0931
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7857	0.1071	0.6253	0.5922	0.2570
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.5538	0.4462	0.5540	0.1077	0.9643
magic04		0.8354	0.1646	0.8150	0.6196	0.5767
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8330	0.6636	0.5893
marketing		0.8884	0.1116	0.7386	0.4169	0.4831
maternal		0.8713	0.0858	0.8762	0.8054	0.2938
math		0.5500	0.2250	0.4719	0.2683	0.4091
mba		0.8000	0.1333	0.3818	0.1378	0.5487
mental-disorders		0.5833	0.2083	0.5749	0.4444	0.3893
mental-health		0.2033	0.3187	0.1922	0.0033	0.8306

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
messidor		0.6348	0.3652	0.6505	0.2866	0.8476
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9571	0.9227	0.0673
meter-D		0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac		0.9800	0.0040	0.9809	0.9778	0.0225
mfeat-fou		0.7950	0.0410	0.7990	0.7722	0.1587
mfeat-kar		0.9400	0.0120	0.9415	0.9333	0.0700
mfeat-mor		0.7300	0.0540	0.7335	0.7000	0.1837
mfeat-pix		0.9800	0.0040	0.9811	0.9778	0.0247
mfeat-zer		0.8300	0.0340	0.8304	0.8111	0.1128
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5981	0.4469	0.4021
mobile		0.6783	0.0115	0.7185	0.6725	0.1349
monks-1		0.8364	0.1636	0.8415	0.6715	0.5468
monks-2		0.8689	0.1311	0.8589	0.7159	0.5373
monks-3		0.9286	0.0714	0.9285	0.8570	0.3436
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4244	0.1046	0.4525	0.3032	0.5937
musk		0.9545	0.0455	0.9093	0.8041	0.1768
MUT_ci300400a_cdk_ECFP2		0.7710	0.2290	0.7669	0.5331	0.7191
MUT_ci300400a_cdk_ECFP4		0.7701	0.2299	0.7646	0.5289	0.7228
MUT_ci300400a_cdk_ECFP6		0.7557	0.2443	0.7491	0.4983	0.7466
MUT_ci300400a_cdk_ESTATE		0.7566	0.2434	0.7494	0.4989	0.7456
MUT_ci300400a_cdk_EXTENDED		0.8477	0.1523	0.8436	0.6873	0.5724
MUT_ci300400a_cdk_FCFP2		0.7892	0.2108	0.7848	0.5693	0.6889
MUT_ci300400a_cdk_FCFP4		0.7626	0.2374	0.7574	0.5146	0.7343
MUT_ci300400a_cdk_FCFP6		0.7710	0.2290	0.7704	0.5376	0.7108
MUT_ci300400a_cdk_MACCS		0.8118	0.1882	0.8058	0.6115	0.6477
MUT_ci300400a_cdk_PUBCHEM		0.8323	0.1677	0.8268	0.6534	0.6048
MUT_ci300400a_cdk_STANDARD		0.8491	0.1509	0.8441	0.6878	0.5667
MUT_ci300400a_rdkit_descriptors		0.8471	0.1529	0.8432	0.6862	0.5709
myocardial		0.8647	0.0338	0.2657	0.2387	0.1116
naticusdroid		0.9587	0.0413	0.9587	0.9175	0.2310
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA		0.9543	0.0056	0.7601	0.8553	0.6589
ncRNA1%		0.9007	0.0105	0.4570	0.7193	0.5058
ncRNA10%		0.9216	0.0083	0.5972	0.7835	0.5862
neo		0.8926	0.1074	0.6637	0.3236	0.6692
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.4160	0.0265	0.4714	0.3973	0.4102
newspop		0.6423	0.3577	0.6412	0.2823	0.8883
NHANES_age_prediction		0.9295	0.0705	0.8577	0.6946	0.3346
nomao		0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits		0.5000	0.3333	0.3236	0.0099	0.5564
nursery		0.9606	0.0157	0.7284	0.9423	0.0949
obesity		0.8294	0.0487	0.8316	0.8008	0.2115
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation		0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc		0.4554	0.1089	0.4930	0.3536	0.3411
oh10-wc		0.2286	0.1543	0.2668	0.1547	0.3707
oh15-wc		0.3152	0.1370	0.3134	0.2082	0.4512
oh5-wc		0.3077	0.1385	0.2990	0.2014	0.4261

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.2966	0.1407	0.3191	0.2128	0.6721
olive		0.9298	0.0156	0.9215	0.9118	0.0396
opn310k		0.9030	0.0970	0.6225	0.2127	0.6247
opn310k10%		0.9085	0.0915	0.6386	0.2425	0.6062
opnat310k-hg16-17		0.9076	0.0924	0.6420	0.2451	0.5974
optdigits		0.9733	0.0053	0.9746	0.9703	0.0398
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr		0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr		0.9012	0.0988	0.5185	0.0309	0.6828
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7629	0.2371	0.7359	0.4718	0.7516
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9286	0.0714	0.9300	0.8573	0.3285
p53-mutants		0.9952	0.0048	0.6446	0.2089	0.3604
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9781	0.0088	0.8613	0.8742	0.1672
parkinson		0.9250	0.0750	0.9237	0.8462	0.3614
parkinsons		0.6825	0.3175	0.6653	0.3304	0.8493
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.8975	0.1025	0.8739	0.7478	0.4885
particle10%		0.8823	0.1177	0.8532	0.7064	0.5275
pasture		0.5000	0.3333	0.5000	0.2000	0.3750
pc1		0.9009	0.0991	0.5548	0.1042	0.6873
pcmac		0.5464	0.4536	0.4539	-0.0501	0.8773
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia		0.7059	0.0840	0.6376	0.6332	0.2487
pendigits		0.9927	0.0015	0.9927	0.9919	0.0136
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.7778	0.2222	0.7568	0.4000	0.4011
persistency		0.7201	0.2799	0.6892	0.3624	0.7814
personalities		0.9802	0.0025	0.9802	0.9788	0.0365
pet-adoption		0.8150	0.1850	0.7872	0.5734	0.6612
phishing		0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL		0.9809	0.0032	1.0000	1.0000	0.0297
PhiUSIIL10%		0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc		0.9920	0.0015	1.0000	0.9881	0.0100
phone-acc0.1%		0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%		0.7945	0.0587	0.7822	0.7595	0.2406
phone-acc10%		1.0000	0.0012	1.0000	0.9746	0.0095
phone-gyr		0.9414	0.0168	0.9605	0.9566	0.0876
phone-gyr0.1%		0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%		0.8313	0.0482	0.8207	0.8025	0.2202
phone-gyr10%		0.9772	0.0018	0.9920	0.9899	0.0129
phoneme		0.9148	0.0852	0.8930	0.7843	0.4091
phy		0.6806	0.3194	0.6806	0.3612	0.8453
pima		0.7237	0.2763	0.7027	0.3824	0.7533
pirvision		0.9987	0.0009	0.9977	0.9959	0.0038
placement		0.7620	0.2380	0.7546	0.5089	0.7364
plant-growth		0.7368	0.2632	0.7360	0.4693	0.7643
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.6126	0.0740	0.2785	0.3424	0.7087
poker1%		0.4985	0.1003	0.1815	0.0454	0.3325
poker10%		0.5059	0.0988	0.2069	0.0588	0.3830
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9340	0.0660	0.6503	0.1552	0.3548
polya			0.7222	0.2778	0.6956	0.3910	0.8075
popularity			0.6497	0.2335	0.4070	0.2099	0.4976
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.7072	0.3824	0.7477
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.5152	0.0441	0.2783	0.4634	0.2128
processed			0.9175	0.0825	0.9046	0.8087	0.3968
profb			0.6567	0.3433	0.5609	0.1077	0.8799
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%			0.9819	0.0072	0.9689	0.9757	0.0493
pufs-128			0.4985	0.5039	0.4977	-0.0034	0.9873
pufs-1281%			0.5042	0.4958	0.5046	0.0085	0.9721
pufs-12810%			0.4989	0.5048	0.5009	0.0007	1.0000
pufs-64			0.5025	0.5042	0.4987	0.0055	1.0000
pufs-641%			0.5100	0.4900	0.5102	0.0198	0.9857
pufs-6410%			0.5060	0.4940	0.5060	0.0120	0.9966
pulsar			0.9824	0.0176	0.9462	0.8913	0.1909
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv1			0.2397	0.0432	0.0181	-0.0104	0.2795
rcv11%			0.4056	0.0224	0.1564	0.2553	0.3790
rcv110%			0.5504	0.0170	0.2985	0.4721	0.5908
re0-wc			0.6067	0.0605	0.5843	0.4991	0.4857
re1-wc			0.5181	0.0386	0.4769	0.4426	0.3909
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.6277	0.0115	0.2558	0.4256	0.3725
rice			0.9846	0.0154	0.9845	0.9689	0.1061
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6241	0.3759	0.6081	0.2161	0.9113
RT_IOT2022			0.9981	0.0003	0.9764	0.9951	0.0037
satimage			0.9051	0.0316	0.8953	0.8832	0.1589
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9487	0.0513	0.8542	0.7076	0.4508
scadi			0.8571	0.0408	0.5333	0.8056	0.0421
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis			0.8889	0.1111	0.8895	0.7769	0.4590
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9048	0.0635	0.9152	0.8571	0.1726
segment			0.9437	0.0161	0.9494	0.9342	0.0732
segmentation			0.8465	0.1535	0.8345	0.6686	0.5886
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram			0.8661	0.1339	0.5890	0.0543	0.4408
sens-2-gram			0.8711	0.1289	0.6156	0.1116	0.4810
sens-3-gram			0.8632	0.1368	0.5547	0.0445	0.5361
sens-4-gram			0.8632	0.1368	0.5795	0.0936	0.5903
sens-5-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram			0.8711	0.1289	0.6147	0.0873	0.4343

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8632	0.1368	0.5884	0.1163	0.6103
sens-8-gram			0.8632	0.1368	0.5963	0.1379	0.6268
sens-9-gram			0.8579	0.1421	0.5345	0.0339	0.6032
sensorless			0.8554	0.0263	0.8561	0.8409	0.1690
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8792	0.1208	0.7254	0.3840	0.4977
shuttle			0.9993	0.0002	0.9040	0.9981	0.1298
sick			0.9523	0.0477	0.7708	0.5038	0.4060
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9998	0.0002	0.9998	0.9995	0.0044
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.8560	0.1440	0.8600	0.7107	0.5066
smart-farming			0.1600	0.4200	0.1629	-0.1266	0.8573
smk_can_187			0.7368	0.2632	0.7449	0.4633	0.6993
smoking			0.7350	0.2650	0.7132	0.4263	0.7876
soil_pollution			0.1900	0.3240	0.1934	-0.0115	0.8606
solar-flare			0.7554	0.0815	0.6817	0.6841	0.1848
sonar			0.8000	0.2000	0.8276	0.6000	0.4308
soybean			0.9706	0.0031	0.9894	0.9677	0.0170
spam-detection			0.9475	0.0525	0.8395	0.6787	0.4820
spambase			0.8935	0.1065	0.8885	0.7770	0.4601
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.4340	0.0236	0.2139	0.4038	0.1407
splice-EI			0.9306	0.0694	0.9098	0.8191	0.3992
splice-IE			0.9117	0.0883	0.8741	0.7461	0.4442
sport-articles			0.8600	0.1400	0.8485	0.6963	0.5487
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			0.8495	0.1505	0.8330	0.6522	0.5253
steel_industry			0.8613	0.0925	0.8280	0.7746	0.3037
steel-b			0.8667	0.1333	0.7894	0.5757	0.6038
steel-d			0.9795	0.0205	0.8028	0.5899	0.3873
steel-k			0.9744	0.0256	0.9604	0.9206	0.1989
steel-o			0.8256	0.1744	0.8051	0.5819	0.5404
steel-p			0.9282	0.0718	0.7104	0.2078	0.1781
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9795	0.0205	0.9450	0.8886	0.3044
stellar			0.9056	0.0629	0.8934	0.8275	0.2481
stock			0.8472	0.1528	0.6917	0.3208	0.5799
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.7680	0.2320	0.7646	0.5285	0.7221
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5200	0.1920	0.3347	0.2268	0.5416
student-depression			0.7075	0.2925	0.6929	0.3804	0.8095
student-habits			0.2800	0.2880	0.2376	-0.0081	0.7632
student-weekend			0.3538	0.2585	0.1816	0.0271	0.5993
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.2857	0.0189	0.6942
susy			0.7148	0.2769	0.7125	0.4400	0.8128
susy1%			0.7790	0.2210	0.7804	0.5465	0.6622
susy10%			0.7082	0.2910	0.7240	0.4303	0.8101
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5333	0.3000	0.5691
telco-churn			0.8594	0.1406	0.8121	0.6194	0.5768
texture			0.9800	0.0036	0.9810	0.9779	0.0290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.9836	0.0164	0.9832	0.9663	0.1157
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7517	0.2483	0.4291	-0.0015	0.4242
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8273	0.1727	0.8016	0.5483	0.4541
tourist			0.6250	0.1250	0.2626	0.4146	0.1409
tox_171			0.7059	0.1471	0.7208	0.6101	0.2469
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5481	0.0924	0.8701
trec11-wc			0.5122	0.1084	0.5423	0.3953	0.3428
trec12-wc			0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc			0.7576	0.0808	0.4120	0.2884	0.1627
trec23-wc			0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc			0.6882	0.0891	0.4645	0.5574	0.2748
trec41-wc			0.5000	0.1000	0.2973	0.3278	0.2813
trec45-wc			0.2899	0.1420	0.2311	0.0835	0.3378
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.6500	0.1750	0.6336	0.5333	0.3310
tvnews			0.9437	0.0563	0.9391	0.8768	0.2763
tvnews1%			0.8846	0.1154	0.8748	0.7468	0.4714
tvnews10%			0.8782	0.1218	0.8686	0.7371	0.5071
ur3_cobotops_grip			0.9728	0.0272	0.7282	0.4002	0.3848
ur3_cobotops_stop			0.9687	0.0313	0.7223	0.3966	0.4197
urban			0.7910	0.0464	0.7837	0.7541	0.1642
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
url-rep1%			0.7406	0.2642	0.7038	0.2588	0.4866
ustilago			0.9096	0.0735	0.5535	0.0473	0.2345
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7381	0.1310	0.6843	0.6439	0.2936
vehicleVAN			0.9643	0.0357	0.9565	0.9091	0.2605
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9070	0.0930	0.9145	0.8147	0.3064
vowel			0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17			0.9157	0.0843	0.6635	0.1789	0.3699
wap-wc			0.4103	0.0590	0.2825	0.3388	0.3515
warpar10p			0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.9394	0.0162	0.9323	0.9270	0.0899
watch-acc1%			0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%			0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr			0.9131	0.0248	0.9122	0.8985	0.1355
watch-gyr1%			0.7489	0.0717	0.7455	0.7066	0.3158
watch-gyr10%			0.8311	0.0483	0.8300	0.8027	0.2263
water_pollution			0.2067	0.3967	0.1944	-0.0575	0.8601
waveform			0.8380	0.1080	0.8387	0.7570	0.3690
weather-related			0.9731	0.0049	0.9756	0.9695	0.0372
web-phishing			0.8074	0.1284	0.6984	0.6569	0.4950
Weekly			0.9444	0.0556	0.9437	0.8875	0.2893
weight-lift			0.9934	0.0027	0.9931	0.9916	0.0203
white-clover			0.5000	0.2500	0.1667	-0.2857	0.3909
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9689	0.0311	0.8324	0.6645	0.4687
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white			0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg			0.9716	0.0030	0.9936	0.9935	0.0344
winnipeg10%			0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5203	0.0959	0.3652	0.3817	0.4195
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2			0.9527	0.0473	0.6808	0.3410	0.5495
zip			0.9591	0.0082	0.9546	0.9542	0.0668

Table 90: Detailed results for K*

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1487	0.0587	0.1162	0.0741	0.6327
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9684	0.0316	0.6381	0.2682	0.5610
accident		0.4500	0.5500	0.4497	-0.1000	1.0000
ads		0.8598	0.1402	0.4623	0.0000	0.2812
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.8492	0.1508	0.5066	0.0132	0.7200
AID_1878		0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.7500	0.2500	0.5180	0.0357	0.7748
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9907	0.0093	0.7985	0.4965	0.0365
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.7143	0.2857	0.4167	-0.1667	0.7987
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID688red		0.9842	0.0158	0.4960	-0.0078	0.5618
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
aids		0.7793	0.2207	0.6601	0.2968	0.7430
air_pollution		0.2267	0.2210	0.1348	-0.0014	0.9020
alcohol		0.8762	0.0495	0.7629	0.7149	0.1529
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6512	0.3488	0.6041	0.2060	0.8949
anneal		0.8989	0.0404	0.8298	0.7872	0.2270
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8234	0.0883	0.6737	0.6246	0.2565
anuran-genus		0.7816	0.0546	0.5368	0.5827	0.2671
anuran-species		0.7569	0.0486	0.6842	0.6583	0.2550
anxiety		0.1667	0.1852	0.1692	0.0623	0.7837
apple-quality		0.8525	0.1475	0.8526	0.7050	0.5539
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1470	0.0065	0.0000	0.2740
auction		0.9559	0.0441	0.8950	0.7839	0.3041
audiology		0.6087	0.0326	0.2134	0.5420	0.0952
audit-risk		0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9857	0.0143	0.9825	0.9645	0.1355
autism-child		0.8621	0.1379	0.8660	0.7251	0.5039
autos		0.9000	0.0333	0.7230	0.8676	0.0699
avila		0.4523	0.0913	0.2459	0.0965	0.3320
babies		0.3468	0.1866	0.1696	0.0199	0.5684
balance		0.8387	0.1075	0.5927	0.7073	0.4530
bank		0.8874	0.1126	0.6761	0.3411	0.6548
banknote		0.9927	0.0073	0.9927	0.9852	0.0564

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.7903	0.2097	0.7675	0.5311	0.6918
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.7143	0.2857	0.6886	0.3226	0.7018
biomed		0.8571	0.1429	0.8467	0.6897	0.5386
bitcoin1%		0.8481	0.0105	0.0669	0.0238	0.3367
bitcoin10%		0.9858	0.0026	0.1471	0.0364	0.1153
body-perf		0.5866	0.2067	0.5952	0.4488	0.5544
brain-tumor		0.5020	0.4980	0.5020	0.0040	0.9989
breast-cancer		0.6786	0.3214	0.5913	0.1818	0.8787
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.4000	0.1714	0.2078	0.2308	0.2988
cad		0.7667	0.2333	0.7008	0.3860	0.7398
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4190	0.3873	0.3232	-0.0122	0.8116
car		0.9138	0.0431	0.8878	0.8293	0.2656
car-insurance		0.8020	0.1980	0.7686	0.5372	0.6945
card		0.6957	0.3043	0.6840	0.3664	0.8307
cardiotocography		0.7418	0.0516	0.7258	0.6910	0.3039
cardiotocography-nsp		0.9155	0.0563	0.8255	0.7637	0.2605
cardiovascular		0.7247	0.2753	0.7270	0.4493	0.7752
cargo2k		0.8680	0.0880	0.8766	0.8026	0.2306
cars		0.7500	0.1667	0.7036	0.5444	0.5381
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7738	0.2262	0.7734	0.5464	0.7109
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.6227	0.3773	0.6762	0.2765	0.6951
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.7880	0.2120	0.7862	0.5716	0.6853
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.6390	0.3610	0.6903	0.3060	0.6828
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9573	0.0427	0.7429	0.4856	0.5671
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9306	0.0694	0.5849	0.1676	0.6455
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.8837	0.1163	0.4691	-0.0386	0.6787
children-anemia		0.7778	0.1111	0.7233	0.6677	0.3421
chrom191%		1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.0008	0.9992	0.0008	0.0000	0.0023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
chronic-kidney		0.9096	0.0904	0.5961	0.1694	0.6430
churn		0.8020	0.1980	0.6533	0.2923	0.7453
churn-bigml		0.8464	0.1536	0.6333	0.2487	0.7084
ci900367j_MACCS		0.6842	0.3158	0.6812	0.3569	0.8248
circles		0.9980	0.0000	0.9982	0.9980	0.0011
cirrhosis		0.6429	0.2381	0.4326	0.3000	0.4789
cjs		0.9679	0.0107	0.9672	0.9608	0.0544
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7324	0.1338	0.5322	0.5827	0.5353
climate		0.8519	0.1481	0.4600	-0.0800	0.6858
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4898	0.3401	0.4681	0.2090	0.7503
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.9225	0.0141	0.8112	0.9060	0.1853
coil20		0.0972	0.0903	0.0689	0.0511	0.3898
college		0.8831	0.1169	0.8507	0.7009	0.5266
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6207	0.3793	0.5271	0.0478	0.9158
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.5517	0.4483	0.4686	-0.0386	0.8907
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6		0.5862	0.4138	0.5846	0.1675	0.9370
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.8387	0.1613	0.8114	0.6210	0.6099
column-3c		0.6452	0.2366	0.5862	0.4373	0.4888
cottonmeloidogyne		0.6226	0.3774	0.6293	0.2426	0.8658
coupon		0.6554	0.3446	0.6510	0.3017	0.8741
covtype10%		0.8706	0.0370	0.7768	0.7910	0.2884
covtypeCD		0.9906	0.0094	0.9799	0.9598	0.1154
covtypeT		0.9870	0.0130	0.9494	0.8987	0.2167
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans10%		0.9989	0.0011	0.8234	0.5710	0.0057
crowdsourced		0.9705	0.0098	0.9125	0.9401	0.1385
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.5625	0.0219	0.4066	0.5497	0.0574
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1267	0.2911	0.1276	-0.0482	0.9136
cyclopentane		0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1010	0.1798	0.1009	0.0011	0.9296
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7430	0.2570	0.6106	0.2203	0.8247
defect		0.8488	0.1512	0.7216	0.4431	0.6918
dementia		0.9200	0.0800	0.9249	0.8387	0.2720
deposit		0.8825	0.1175	0.6571	0.2916	0.6498
depressed		0.7902	0.2098	0.5531	0.0991	0.7998
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.3750	0.4167	0.5667	0.0698	0.3773
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.8500	0.1500	0.7958	0.5909	0.6242
diabetes		0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-risk		0.8933	0.1067	0.8252	0.6272	0.4436

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9667	0.0167	0.9733	0.9540	0.0626
diamonds_all		0.6542	0.1383	0.5895	0.5045	0.4376
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota210%		0.5214	0.4786	0.5184	0.0367	0.9878
dropout		0.5553	0.2965	0.4571	0.1964	0.6674
drug-01		0.2713	0.2082	0.1629	0.0035	0.8946
drug-02		0.3670	0.1809	0.1853	0.0675	0.8573
drug-03		0.5532	0.1277	0.2326	0.0696	0.6257
drug-04		0.3883	0.1748	0.1867	0.0936	0.8666
drug-05		0.6011	0.1140	0.1348	-0.0051	0.6847
drug-06		0.3191	0.1945	0.2381	0.1754	0.7500
drug-07		0.3564	0.1839	0.1359	0.0154	0.6160
drug-08		0.3883	0.1748	0.2358	0.0952	0.8058
drug-09		0.7606	0.0684	0.1261	0.0532	0.6122
drug-10		0.4415	0.1596	0.2272	0.1463	0.7593
drug-11		0.7660	0.0669	0.1840	0.0898	0.7423
drug-12		0.6330	0.1049	0.1676	0.0170	0.7526
drug-13		0.5053	0.1413	0.2169	0.2190	0.8037
drug-14		0.4362	0.1611	0.1932	0.1432	0.7538
drug-15		0.6436	0.1018	0.1756	0.1399	0.8310
drug-16		0.4309	0.1626	0.2110	0.1791	0.6740
drug-17		0.1915	0.2310	0.1252	-0.0123	0.8882
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.6170	0.1094	0.1586	0.0835	0.6673
drybean		0.8156	0.0527	0.8178	0.7768	0.2525
ecoli		0.7941	0.0515	0.4768	0.7139	0.1725
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.8182	0.1818	0.5816	0.1538	0.6675
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2100	0.3950	0.2046	-0.0510	0.8753
eeg-eye		0.9793	0.0207	0.9791	0.9582	0.1358
eeg10%		0.2318	0.0960	0.2336	0.1428	0.7116
eucalyptus		0.4247	0.2301	0.4198	0.2712	0.6008
euthyroid		0.9272	0.0728	0.7856	0.5701	0.5579
exon.vs.intron-freq10%		0.7905	0.2095	0.8192	0.5885	0.4952
fakenews		0.5025	0.4975	0.5024	0.0049	0.9986
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5294	0.4706	0.5212	0.0423	0.9836
financial-risk		0.5860	0.1380	0.3380	0.3220	0.5924
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2000	0.0417	0.0000	0.3383
forest		0.6731	0.1635	0.6742	0.5494	0.4259
gas		0.9964	0.0012	0.9967	0.9956	0.0101
gastrointestinal		0.5625	0.2917	0.4488	0.1450	0.3546
gender		0.5537	0.2975	0.4084	0.0835	0.7212
gene		0.7382	0.1746	0.7316	0.5904	0.5167
german		0.6400	0.3600	0.5688	0.1283	0.8998
gestures		0.4700	0.2650	0.5272	0.2937	0.5367

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
gina			0.4957	0.5043	0.6029	0.0111	0.5292
glass			0.7619	0.0794	0.8518	0.6759	0.2249
glass-g2			0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP			0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP			0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers			0.9545	0.0455	0.8483	0.6452	0.1307
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP			0.9524	0.0476	0.8478	0.6441	0.5283
GlaucomaM			0.7895	0.2105	0.7889	0.5778	0.6844
gli_85			0.2500	0.7500	0.2000	0.0000	0.4422
glioma			0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade			0.7500	0.2500	0.7440	0.4878	0.7547
green			0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage			0.7333	0.1333	0.7623	0.6429	0.2994
gsalc			0.2222	0.2593	0.0606	0.0000	0.3838
haberman			0.5667	0.4333	0.4227	-0.1538	0.9464
hapt			0.5050	0.0825	0.3088	0.4226	0.1866
har			0.9969	0.0012	0.9967	0.9961	0.0084
har701%			0.6801	0.0914	0.3991	0.4916	0.4393
har7010%			0.8972	0.0294	0.6473	0.8506	0.1547
harth1%			0.8284	0.0286	0.5499	0.7640	0.2102
hayes-roth			0.6250	0.2500	0.6645	0.3962	0.3675
hcc-survival			0.6471	0.3529	0.6223	0.2031	0.8037
health-activity			0.6300	0.1850	0.2267	-0.0341	0.5538
heart			0.8889	0.1111	0.8877	0.7731	0.4662
heart-attack			0.7742	0.2258	0.7815	0.5526	0.6797
heart-c			0.7333	0.2667	0.7692	0.4444	0.4644
heart-failure			0.9860	0.0140	0.9838	0.9671	0.0670
heart-quantum			0.9000	0.1000	0.8970	0.7934	0.4416
hepatitis			0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%			0.7546	0.2454	0.7546	0.5091	0.7428
hERG-121inputs			0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs			0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%			0.5018	0.4982	0.4922	-0.0151	0.9947
higher			0.2143	0.1964	0.1432	0.0778	0.3854
hinselmann			0.7000	0.3000	0.4118	-0.1538	0.8916
hitters			0.7812	0.2188	0.7801	0.5591	0.6962
hiv1-proteasa			0.8685	0.1315	0.7566	0.5115	0.6405
hiva			0.0355	0.9645	0.0342	0.0000	0.0954
horse			0.6111	0.2593	0.5140	0.2841	0.6058
hotel-reservartions			0.8738	0.1262	0.8549	0.7091	0.5259
hr			0.7544	0.2456	0.4801	-0.0397	0.7900
ht-sensor10%			0.9995	0.0004	0.9995	0.9992	0.0031
htru2			0.9587	0.0413	0.8633	0.7047	0.2630
hypothyroid			0.9390	0.0305	0.5893	0.5991	0.3184
hypothyroidT			0.9629	0.0371	0.8547	0.6894	0.2910
ilpd			0.6780	0.3220	0.6559	0.3007	0.8123
immuno-therapy			0.6667	0.3333	0.5950	0.1818	0.8134
instagram			0.9580	0.0210	0.9585	0.9440	0.0826
ionosphere			0.8286	0.1714	0.7932	0.5588	0.5565
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			0.9600	0.0400	0.9613	0.9196	0.1967
isolet			0.0488	0.0732	0.0768	0.0107	0.4165
jm1			0.7539	0.2461	0.5668	0.1310	0.8281
jvowels			0.5492	0.1002	0.5326	0.4848	0.5144
kc1			0.8009	0.1991	0.5830	0.1630	0.7843

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
kc1-class-level-defectiveornot			0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect			0.2857	0.0595	0.0256	0.1250	0.1878
kc1-class-level-top5percentDF			0.6000	0.4000	0.6617	0.1509	0.3113
kc2			0.7692	0.2308	0.6059	0.2020	0.8009
kddcup981%			0.9474	0.0526	0.4865	0.0000	0.1408
kepler			0.7563	0.1625	0.7114	0.6076	0.4730
kidney			0.6641	0.1344	0.2053	-0.0042	0.7968
kidney-disease			1.0000	0.0000	1.0000	1.0000	0.0000
krkopt			0.8114	0.0210	0.8060	0.7887	0.2127
krvskp			0.9248	0.0752	0.9247	0.8493	0.3565
la1s-wc			0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc			0.1060	0.2980	0.0319	0.0000	0.3913
labor			0.8333	0.1667	0.8537	0.6667	0.4644
leaf			0.4706	0.0265	0.2779	0.4501	0.1309
led24			0.5000	0.1000	0.4533	0.4350	0.2323
lenses			0.3333	0.4444	0.1667	0.0000	0.4167
letter			0.9575	0.0033	0.9568	0.9558	0.0499
leukemia			0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2			0.5714	0.4286	0.3636	0.0000	0.5112
libra			0.6389	0.0481	0.6842	0.6116	0.1390
linkage1%			0.9998	0.0002	0.9879	0.9755	0.0012
liver			0.5294	0.4706	0.5093	0.0181	0.9312
loan			0.9297	0.0703	0.9249	0.8493	0.3432
localization10%			0.6790	0.0584	0.4238	0.5895	0.4790
lrs			0.8679	0.0377	0.6461	0.8165	0.0989
lung			0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete			1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer			0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1			0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2			0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan			0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario			0.3333	0.6667	0.2500	0.0000	0.5000
lupus			0.6667	0.3333	0.6582	0.3077	0.8482
lymphography			0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2			0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure			0.9255	0.0745	0.9237	0.8472	0.3606
madelon			0.5000	0.5000	0.3333	0.0000	0.5283
magic04			0.7201	0.2799	0.6725	0.3141	0.7618
malware			1.0000	0.0000	1.0000	1.0000	0.0000
mammography			0.7917	0.2083	0.7930	0.5839	0.6742
marketing			0.8661	0.1339	0.6941	0.3725	0.6563
maternal			0.8317	0.1122	0.8353	0.7451	0.3738
math			0.7250	0.1375	0.5740	0.5825	0.4387
mba			0.7903	0.1398	0.3859	0.1616	0.5623
mental-disorders			0.7500	0.1250	0.7819	0.6667	0.2396
mental-health			0.2133	0.3147	0.2147	0.0156	0.8644
messidor			0.5478	0.4522	0.5400	0.0800	0.9697
meter-A			0.7500	0.2500	0.7333	0.4667	0.7630
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.6667	0.1667	0.5851	0.5135	0.2725
meter-D			0.8333	0.0833	0.8282	0.7652	0.2014
mfeat-fac			0.9550	0.0090	0.9565	0.9500	0.0457
mfeat-fou			0.7800	0.0440	0.7866	0.7556	0.1450
mfeat-kar			0.9350	0.0130	0.9380	0.9278	0.0727
mfeat-mor			0.5750	0.0850	0.5846	0.5278	0.3197
mfeat-pix			0.9750	0.0050	0.9757	0.9722	0.0315
mfeat-zer			0.7700	0.0460	0.7755	0.7444	0.1616
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5882	0.1647	0.5876	0.4843	0.4122
mobile		0.6853	0.0112	0.7374	0.6796	0.1254
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8689	0.1311	0.8524	0.7028	0.5263
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.3567	0.1170	0.3933	0.2320	0.6401
musk		0.8985	0.1015	0.8372	0.6617	0.5631
MUT_ci300400a_cdk_ESTATE		0.7962	0.2038	0.7884	0.5721	0.6646
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_rdkit_descriptors		0.8283	0.1717	0.8239	0.6475	0.6121
myocardial		0.7882	0.0529	0.1372	0.0609	0.7122
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.8702	0.0137	0.4698	0.5500	0.0953
neo		0.9128	0.0872	0.6817	0.2218	0.3687
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5777	0.4223	0.5794	0.1579	0.9419
NHANES_age_prediction		0.8458	0.1542	0.6601	0.0459	0.3000
NPHA-doctor-visits		0.3750	0.4167	0.2785	-0.0697	0.8568
nursery		0.9722	0.0111	0.7503	0.9592	0.0715
obesity		0.8863	0.0325	0.8815	0.8672	0.1485
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9922	0.0078	0.9890	0.9780	0.0684
Occupancy_Estimation		0.9882	0.0059	0.9550	0.9639	0.0482
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.9123	0.0195	0.9058	0.8891	0.0544
opn310k10%		0.7407	0.2593	0.5835	0.1300	0.5732
optdigits		0.9751	0.0050	0.9769	0.9723	0.0363
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.3250	0.0338	0.3125	0.3077	0.2698
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9605	0.0395	0.5970	0.1516	0.5272
ozone8hr		0.8933	0.1067	0.5100	0.0181	0.7023
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
page-blocks		0.9616	0.0154	0.6651	0.7451	0.0818
parkinson		0.7833	0.2167	0.7729	0.5370	0.6790
parkinsons		0.6540	0.3460	0.6249	0.2487	0.8866
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle10%		0.8908	0.1092	0.8624	0.7240	0.4970
pasture		0.7500	0.1667	0.8333	0.6364	0.1981
pc1		0.9009	0.0991	0.6073	0.2138	0.6764
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8553	0.1447	0.8365	0.6562	0.5717
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.9900	0.0020	0.9902	0.9889	0.0162

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.3333	0.6667	0.3415	-0.2857	0.9644
persistency		0.7347	0.2653	0.7084	0.4102	0.7772
pet-adoption		0.7550	0.2450	0.7241	0.4481	0.7657
phishing		0.9755	0.0245	0.9743	0.9486	0.1605
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%		0.7427	0.0735	0.7264	0.6993	0.2886
phone-gyr0.1%		0.6920	0.0880	0.6782	0.6394	0.3536
phoneme		0.7741	0.2259	0.7053	0.2782	0.4826
phy		0.6278	0.3722	0.6278	0.2556	0.9029
pima		0.6842	0.3158	0.6565	0.2985	0.8279
pirvision		0.9935	0.0044	0.9799	0.9792	0.0169
placement		0.7600	0.2400	0.7529	0.5058	0.7398
plant-growth		0.7895	0.2105	0.7889	0.5778	0.6844
plrx		0.5000	0.5000	0.3333	-0.3279	0.9705
poker1%		0.4663	0.1067	0.1364	0.0542	0.6306
poker10%		0.4968	0.1258	0.2312	0.0935	0.7402
polish-1st		0.9275	0.0725	0.5175	0.0350	0.6175
polish-2nd		0.9292	0.0708	0.5201	0.0401	0.6271
polish-3rd		0.9257	0.0743	0.5284	0.0554	0.6552
polish-4th		0.9235	0.0765	0.5695	0.1366	0.6566
polish-5th		0.9205	0.0795	0.6513	0.2968	0.6392
polya		0.7265	0.2735	0.6985	0.3964	0.8023
popularity		0.5556	0.2963	0.4039	0.1323	0.7272
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc		0.5147	0.4853	0.5270	0.0294	0.8012
prestige		0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor		0.3030	0.0634	0.1833	0.2349	0.2551
profb		0.5821	0.4179	0.5688	0.1331	0.9000
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate		0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE		0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio10%		0.9728	0.0109	0.9659	0.9635	0.0604
pufs-641%		0.5075	0.4925	0.5075	0.0150	0.9957
pulsar		0.9800	0.0200	0.9389	0.8770	0.2249
raisin		0.7778	0.2222	0.7781	0.5556	0.7028
re0-wc		0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc		0.0181	0.0786	0.0014	0.0000	0.3595
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		0.5423	0.4577	0.3516	0.0000	0.5201
rice		0.9857	0.0143	0.9856	0.9711	0.0974
rnaseq		0.1750	0.3300	0.0596	0.0000	0.3826
rocket		0.5806	0.4194	0.5053	0.0055	0.8116
satimage		0.8958	0.0347	0.8833	0.8715	0.1665
satimageF		0.9922	0.0078	0.9797	0.9592	0.0802
satimageT		0.9331	0.0669	0.8123	0.6243	0.5322
scadi		0.5714	0.1224	0.3556	0.4474	0.1793
schiller		0.4444	0.5556	0.4696	-0.0465	0.7758
schizo		0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.9359	0.0641	0.4834	0.0000	0.1628
seeds		1.0000	0.0000	1.0000	1.0000	0.0000
segment		0.9437	0.0161	0.9477	0.9342	0.0798
segmentation		0.7970	0.2030	0.7769	0.5534	0.6891
segmentO		0.9307	0.0693	0.8523	0.6574	0.1826
seismic		0.8721	0.1279	0.4943	-0.0114	0.6694
semeion		1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram		0.8421	0.1579	0.5038	0.0052	0.7189

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-10-gram			0.8320	0.1680	0.5696	0.1316	0.7574
sens-2-gram			0.8105	0.1895	0.5924	0.1847	0.7558
sens-3-gram			0.8105	0.1895	0.5855	0.1709	0.7595
sens-4-gram			0.7447	0.2553	0.5047	0.0091	0.7582
sens-5-gram			0.7974	0.2026	0.5677	0.1353	0.7637
sens-6-gram			0.7947	0.2053	0.5657	0.1313	0.7634
sens-7-gram			0.7711	0.2289	0.5273	0.0543	0.7681
sens-8-gram			0.8211	0.1789	0.5487	0.0940	0.7727
sens-9-gram			0.7974	0.2026	0.5202	0.0400	0.7852
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8629	0.1371	0.6912	0.3565	0.6400
shuttle			0.9991	0.0002	0.8038	0.9976	0.0148
sick			0.9655	0.0345	0.8459	0.6799	0.3545
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9900	0.0100	0.9852	0.9700	0.1277
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.9040	0.0960	0.9046	0.8076	0.4106
smart-farming			0.3000	0.3500	0.3011	0.0691	0.8151
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.7942	0.2058	0.7758	0.5507	0.6901
soil_pollution			0.2100	0.3160	0.2101	0.0129	0.8715
solar-flare			0.7986	0.0671	0.7198	0.7431	0.2048
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.9559	0.0046	0.9623	0.9516	0.0343
spam-detection			0.9350	0.0650	0.7700	0.4572	0.3054
spambase			0.8957	0.1043	0.8904	0.7806	0.4504
spect			0.6667	0.3333	0.5452	0.0899	0.8578
spectf			0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer			0.4808	0.0385	0.3614	0.4483	0.1936
splice-EI			0.8644	0.1356	0.8313	0.6589	0.5860
splice-IE			0.8297	0.1703	0.7756	0.5492	0.6700
sport-articles			0.7900	0.2100	0.7736	0.5470	0.6985
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			0.7419	0.2581	0.7222	0.4439	0.7755
steel_industry			0.8719	0.0854	0.8417	0.7918	0.2906
steel-b			0.7641	0.2359	0.5571	0.0954	0.7971
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9744	0.0256	0.9601	0.9191	0.1618
steel-o			0.6923	0.3077	0.6316	0.2336	0.8056
steel-p			0.9128	0.0872	0.5721	0.0815	0.5290
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.6317	0.2027	0.5648
stellar			0.9358	0.0428	0.9225	0.8857	0.2030
stock			0.8333	0.1667	0.6481	0.1955	0.5543
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8240	0.1760	0.8216	0.6414	0.6132
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5050	0.1980	0.3330	0.2073	0.5466
student-habits			0.2600	0.2960	0.2140	-0.0695	0.8155
student-weekend			0.2615	0.2954	0.1930	0.0000	0.8522
student-workday			0.6094	0.1562	0.1964	0.0566	0.6701
studentap			0.5385	0.3077	0.4136	0.2642	0.4572
susy1%			0.7122	0.2878	0.7091	0.4174	0.8054
tae			0.7333	0.1778	0.7623	0.6000	0.3433
telco-churn			0.8139	0.1861	0.7557	0.5105	0.6925
texture			0.9800	0.0036	0.9812	0.9779	0.0307
theorem			0.8740	0.1260	0.8713	0.7422	0.5091

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
thoracic			0.7234	0.2766	0.5376	0.0728	0.7679
Thyroid_Diff			0.8684	0.1316	0.8407	0.6303	0.3018
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.8750	0.0417	0.6222	0.8182	0.0398
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.5294	0.4706	0.4397	-0.1148	0.9926
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6400	0.3600	0.4765	-0.0465	0.9106
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.6750	0.1625	0.6716	0.5667	0.4520
tvnews1%			0.8308	0.1692	0.8167	0.6133	0.5469
tvnews10%			0.8458	0.1542	0.8322	0.6513	0.5332
ur3_cobotops_grip			0.9673	0.0327	0.6361	0.1894	0.4211
ur3_cobotops_stop			0.9660	0.0340	0.6741	0.1858	0.2583
urban			0.7463	0.0564	0.7039	0.7013	0.2334
urinalysis			0.9441	0.0559	0.6312	0.1817	0.4666
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7619	0.1190	0.7117	0.6759	0.2434
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.9535	0.0465	0.9535	0.9069	0.2525
vowel			0.1616	0.1524	0.2503	0.0778	0.3827
vowelZ			0.9091	0.0909	0.6194	0.1538	0.5090
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.2308	0.1538	0.1474	0.0972	0.3441
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.8348	0.0472	0.8328	0.8067	0.2039
watch-gyr1%			0.7714	0.0653	0.7659	0.7329	0.2790
water_pollution			0.2167	0.3917	0.2114	-0.0457	0.8819
waveform			0.6580	0.2280	0.6578	0.4869	0.5954
weather-related			0.8885	0.0203	0.8866	0.8733	0.1400
web-phishing			0.9185	0.0543	0.8680	0.8533	0.2591
Weekly			0.9074	0.0926	0.9095	0.8093	0.3427
white-clover			0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.1139	0.8861	0.5301	0.0071	0.1379
wine			0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red			0.6604	0.1132	0.3239	0.4559	0.4170
winequality-white			0.6401	0.1028	0.3595	0.4657	0.4931
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5338	0.0932	0.3812	0.4024	0.4702
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9662	0.0338	0.7787	0.5293	0.5593
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9392	0.0608	0.5817	0.1527	0.6285

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
zip		0.0882	0.1824	0.0162	0.0000	0.4045	

Table 91: Detailed results for KKNN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2014	0.0551	0.1114	0.1266	0.5335
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9828	0.0172	0.6574	0.2199	0.3556
accident		0.4500	0.5500	0.4497	-0.1000	1.0000
ads		0.9726	0.0274	0.9416	0.8761	0.0941
adult		0.8423	0.1577	0.7682	0.5298	0.6366
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8889	0.0741	0.4663	0.1398	0.1423
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9994	0.0006	0.9572	0.9140	0.2373
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red		0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red		0.9946	0.0054	0.7017	0.2368	0.1507
aids		0.8169	0.1831	0.7233	0.3785	0.5602
air_pollution		0.2067	0.2267	0.1227	0.0002	0.5154
air-booking		0.8436	0.1564	0.5700	0.0816	0.6193
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8381	0.0648	0.5552	0.6672	0.3157
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7581	0.2419	0.7251	0.4072	0.6634
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9833	0.0083	0.9425	0.9682	0.0520
anuran-genus		0.9791	0.0052	0.9388	0.9658	0.0760
anuran-species		0.9847	0.0031	0.9781	0.9788	0.0492
anxiety		0.1083	0.1981	0.0539	-0.0031	0.5549
apple-quality		0.9000	0.1000	0.9002	0.8000	0.4303
aps-failure		0.9912	0.0088	0.8599	0.7031	0.2405
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.2889	0.1094	0.1370	0.1423	0.3786
auction		0.9167	0.0833	0.7901	0.4802	0.2031
audiology		0.4783	0.0435	0.1562	0.4140	0.0720
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9429	0.0571	0.9278	0.8555	0.3348
autism-child		0.7241	0.2759	0.7497	0.4554	0.6605
autos		0.7000	0.1000	0.5992	0.6178	0.1773
avila		0.7254	0.0458	0.6666	0.6506	0.3336
babies		0.3145	0.1959	0.1368	-0.0133	0.4456
balance		0.8065	0.1290	0.8017	0.6953	0.2987
bank		0.9012	0.0988	0.6941	0.3349	0.5373
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8963	0.1037	0.8887	0.7641	0.3675
basehock		0.7889	0.2111	0.8073	0.5772	0.5565
bio		0.9979	0.0021	0.9386	0.8740	0.1252
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8857	0.1143	0.8823	0.7623	0.4811
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.8433	0.0108	0.0317	0.0295	0.1435
bitcoin10%		0.8582	0.0098	0.0320	0.0421	0.4026
body-perf		0.3828	0.3086	0.4625	0.1771	0.4717
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5005	0.4995	0.5004	0.0008	0.9992
breast-cancer		0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.7000	0.0857	0.3750	0.5714	0.0976
bub10at310k-hg16-17		0.9127	0.0873	0.6667	0.2916	0.5700
bub12at310k-hg16-17		0.9096	0.0904	0.6479	0.2507	0.5791
bub8at310k-hg16-17		0.9053	0.0947	0.6668	0.3220	0.6391
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4140	0.3907	0.3014	-0.0281	0.5595
car		0.9195	0.0402	0.9196	0.8367	0.2242
car-insurance		0.8210	0.1790	0.7884	0.5760	0.6561
card		0.8406	0.1594	0.8389	0.6616	0.5218
cardiotocography		0.5869	0.0826	0.5374	0.5115	0.4199
cardiotocography-nsp		0.8873	0.0751	0.7876	0.6484	0.3233
cardiovascular		0.6925	0.3075	0.6928	0.3850	0.8288
cargo2k		0.9721	0.0186	0.9733	0.9581	0.0757
cars		0.7000	0.2000	0.7248	0.5082	0.3234
cas_N6512_cdk_ECFP2		0.7665	0.2335	0.7656	0.5311	0.7241
cas_N6512_rdkit_ATOMPAIR		0.7662	0.2338	0.7643	0.5282	0.7246
cas_N6512_RDkit_AtomPair_FP		0.7531	0.2469	0.7510	0.5012	0.7451
cas_N6512_rdkit_AVALON		0.7880	0.2120	0.7868	0.5736	0.6877
cas_N6512_RDkit_Avalon_FP		0.8067	0.1933	0.8073	0.6132	0.6484
cas_N6512_rdkit_descriptors		0.7754	0.2246	0.7740	0.5481	0.7099
cas_N6512_rdkit_FEATMORGAN		0.7788	0.2212	0.7786	0.5566	0.7017
cas_N6512_RDkit_Featmorgan_FP		0.7929	0.2071	0.7924	0.5845	0.6777
cas_N6512_RDkit_FP		0.7945	0.2055	0.7940	0.5877	0.6747
cas_N6512_rdkit_LAYERED		0.7877	0.2123	0.7880	0.5749	0.6847
cas_N6512_RDkit_Layered_FP		0.7791	0.2209	0.7774	0.5542	0.7021

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.7822	0.2178	0.7816	0.5629	0.6971
cas_N6512_rdkit_MORGAN		0.7954	0.2046	0.7976	0.5917	0.6633
cas_N6512_RDkit_morgan_FP		0.8006	0.1994	0.8019	0.6015	0.6574
cas_N6512_rdkit_PATTERN		0.7754	0.2246	0.7743	0.5485	0.7097
cas_N6512_RDkit_pattern_FP		0.7853	0.2147	0.7852	0.5696	0.6903
cas_N6512_rdkit_RDKITFP		0.8065	0.1935	0.8063	0.6120	0.6516
cas_N6512_rdkit_TORSION		0.7662	0.2338	0.7656	0.5309	0.7240
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8368	0.1088	0.4183	0.2304	0.3744
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8031	0.1969	0.8076	0.5982	0.6247
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8209	0.6148	0.3141
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.6081	0.1352	0.4567
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9445	0.0555	0.6716	0.2527	0.4250
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.3805	0.3097	0.3685	0.1007	0.3635
chrom19		0.9997	0.0003	0.9167	0.8315	0.2254
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9992	0.0008	0.7946	0.5878	0.4445
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8380	0.1620	0.7178	0.4110	0.6442
churn-bigml		0.8614	0.1386	0.6717	0.0845	0.2804
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4659	0.3406	0.4071
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.6833	0.1583	0.5060	0.4745	0.3061
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.7500	0.1667	0.7856	0.5814	0.3402
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.3537	0.4308	0.5026	0.1351	0.4760
cnae-9		0.7963	0.0453	0.8158	0.7708	0.1534
codon_usage		0.9087	0.0166	0.7558	0.8900	0.2561
coil20		0.9792	0.0021	0.9804	0.9781	0.0152
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		0.2400	0.1013	0.1569	0.1743	0.3531
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7931	0.2069	0.7797	0.4663	0.3920
colposcopies-2		0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3		0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.6452	0.2366	0.5848	0.3732	0.4732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.9719	0.0187	0.7053	0.5252	0.2774
cottonmeloidogyne		0.6947	0.3053	0.7208	0.3866	0.6794
coupon		0.6696	0.3304	0.6591	0.3163	0.8604
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.9126	0.0250	0.7696	0.8608	0.2596
covtype10%		0.8093	0.0545	0.5832	0.6983	0.4178
covtypeCD		0.9901	0.0099	0.9790	0.9580	0.1348
covtypeT		0.9883	0.0117	0.9547	0.9093	0.2062
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9484	0.0172	0.8813	0.8967	0.1458
cryotherapy		0.8889	0.1111	0.8953	0.7692	0.3145
cultivars		0.0312	0.0484	0.0250	0.0060	0.1707
customer-churn		0.9798	0.0202	0.6494	0.2105	0.3800
cybersecurity		0.1800	0.2733	0.0910	0.0175	0.5420
cyclopentane		0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands		0.7963	0.2037	0.7931	0.5858	0.6749
darwin		0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1040	0.1792	0.0762	0.0033	0.6122
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8173	0.1827	0.6967	0.3603	0.6642
defect		0.8735	0.1265	0.7288	0.3260	0.3579
dementia		0.9400	0.0600	0.9429	0.8792	0.2289
deposit		0.8949	0.1051	0.6808	0.2990	0.5384
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9528	0.9324	0.0549
desharnais		0.5000	0.3333	0.4553	0.2381	0.3542
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6250	0.2500	0.6527	0.4074	0.4900
DIA		0.9167	0.0833	0.8879	0.7500	0.2236
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k		0.9206	0.0794	0.6696	0.1351	0.2748
diabetes-risk		0.9074	0.0926	0.8537	0.7049	0.4798
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.4118	0.3922	0.3408	0.0365	0.5029
diabetic10%		0.4548	0.3635	0.3394	0.0590	0.5530
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9500	0.0250	0.9373	0.9303	0.0750
diamonds_all		0.4770	0.2092	0.4798	0.3075	0.4518
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.4167	0.5833	0.3803	-0.2353	1.0000
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5413	0.4587	0.5371	0.0737	0.9738
dota210%		0.5417	0.4583	0.5364	0.0715	0.9706
drebin		0.9907	0.0093	0.9900	0.9800	0.0740
dropout		0.6388	0.2408	0.5451	0.3209	0.3844
drug-01		0.2128	0.2249	0.1287	-0.0101	0.5563
drug-02		0.4096	0.1687	0.1585	0.1267	0.5363
drug-03		0.4947	0.1444	0.1713	0.1224	0.3582
drug-04		0.3777	0.1778	0.1506	0.1166	0.5314

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.5160	0.1383	0.1403	0.0357	0.3494
drug-06		0.1383	0.2462	0.1679	0.0105	0.6278
drug-07		0.4309	0.1626	0.1274	0.0071	0.3085
drug-08		0.2819	0.2052	0.1641	0.0754	0.4661
drug-09		0.6915	0.0881	0.1468	0.0973	0.1994
drug-10		0.2394	0.2173	0.1921	0.0913	0.5045
drug-11		0.6170	0.1094	0.1584	0.0717	0.3206
drug-12		0.5372	0.1322	0.1423	0.0774	0.3096
drug-13		0.4096	0.1687	0.2389	0.2079	0.5205
drug-14		0.3298	0.1915	0.1904	0.1176	0.4880
drug-15		0.4681	0.1520	0.1612	0.1085	0.4692
drug-16		0.4415	0.1596	0.2318	0.2388	0.4630
drug-17		0.2713	0.2082	0.1064	-0.0001	0.5662
drug-18		0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19		0.5053	0.1413	0.1566	0.1259	0.3678
drybean		0.8758	0.0355	0.8727	0.8508	0.2089
ecoli		0.6176	0.0956	0.2526	0.4681	0.2174
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.1604	-0.0133	0.5854
eeg		0.2153	0.0981	0.2189	0.1468	0.6353
eeg-eye		0.9226	0.0774	0.9218	0.8436	0.3654
eeg10%		0.1777	0.1028	0.1390	0.1077	0.6329
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.3973	0.2411	0.4572	0.2705	0.4517
euthyroid		0.9557	0.0443	0.8639	0.7171	0.3404
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9467	0.0533	0.9479	0.8935	0.2613
fakenews		0.4850	0.5150	0.4846	-0.0307	1.0000
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.2073	0.0933	0.1276	0.1301	0.5015
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.4510	0.5490	0.4457	-0.1087	1.0000
financial-risk		0.5615	0.1462	0.2813	0.1836	0.3556
fishcatch		0.8125	0.0625	0.7652	0.7659	0.1041
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.2356	0.0100	0.0450	0.2167	0.8913
forest		0.7692	0.1154	0.7668	0.6743	0.2845
gas		0.9957	0.0014	0.9956	0.9948	0.0112
gastrointestinal		0.7500	0.1667	0.7639	0.6168	0.3812
gender		0.5368	0.3088	0.3598	0.1067	0.5366
gene		0.6845	0.2103	0.7625	0.5420	0.3741
german		0.7600	0.2400	0.7271	0.4015	0.6372
gestures		0.5719	0.2140	0.6263	0.4291	0.4480
gina		0.8444	0.1556	0.8564	0.6870	0.4593
gisette		0.9657	0.0343	0.9658	0.9314	0.1994
glass		0.7143	0.0952	0.5218	0.6000	0.1684
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8571	0.1429	0.8603	0.7131	0.5255
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.2667	0.3667	0.1786	0.0000	0.5531
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
hapt		0.9478	0.0087	0.6406	0.9383	0.0540
har		0.9969	0.0012	0.9966	0.9961	0.0085
har70		0.8358	0.0469	0.5573	0.7703	0.3837
har701%		0.7535	0.0704	0.5391	0.6682	0.3856
har7010%		0.8116	0.0538	0.5416	0.7391	0.3925
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.7607	0.0399	0.4283	0.6810	0.2555
harth10%		0.7832	0.0361	0.5106	0.7104	0.2572
hayes-roth		0.6250	0.2500	0.6890	0.4000	0.3320
hcc-survival		0.7059	0.2941	0.7258	0.3200	0.4644
health-activity		0.6400	0.1800	0.3114	0.1896	0.3300
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.9860	0.0140	0.9837	0.9672	0.0862
heart-quantum		0.8800	0.1200	0.8783	0.7541	0.4906
hepatitis		0.9333	0.0667	0.8929	0.7619	0.1858
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8351	0.1649	0.8352	0.6703	0.5935
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6491	0.3509	0.6463	0.2871	0.8707
higgs1%		0.6665	0.3335	0.6639	0.3234	0.8539
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0714	0.2321	0.0500	-0.0282	0.4103
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.7812	0.2188	0.7801	0.5591	0.6962
hiv1-proteasa		0.8803	0.1197	0.7734	0.5421	0.6009
hiva		0.9598	0.0402	0.4897	-0.0084	0.4680
horse		0.5278	0.3148	0.3170	0.1053	0.4970
hotel-reservartions		0.8801	0.1199	0.8619	0.7227	0.5058
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		1.0000	0.0000	1.0000	1.0000	0.0001
ht-sensor10%		1.0000	0.0000	1.0000	1.0000	0.0000
htru2		0.9777	0.0223	0.9300	0.8571	0.2133
hypothyroid		0.9390	0.0305	0.5583	0.5365	0.1907
hypothyroidT		0.9523	0.0477	0.8080	0.5301	0.1339
ilpd		0.6102	0.3898	0.5331	0.0661	0.9159
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9687	0.0157	0.9690	0.9582	0.0653
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.5905	0.0315	0.5870	0.5741	0.2907
jm1		0.8173	0.1827	0.6531	0.2756	0.7015
jvowels		0.9869	0.0029	0.9863	0.9852	0.0239
kc1		0.8720	0.1280	0.7108	0.3665	0.5495
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.3571	0.0536	0.0260	0.0455	0.2704
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8269	0.1731	0.7038	0.3777	0.6558
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.9968	0.0003	0.4644	0.9945	0.0028
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.7144	0.1904	0.6835	0.4732	0.3881
kidney		0.5701	0.1720	0.1925	-0.0002	0.2971
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.4873	0.0570	0.4268	0.4353	0.4510
krvskp		0.9561	0.0439	0.9561	0.9119	0.2377
la1s-wc		0.2095	0.2635	0.1621	0.0516	0.4441
la2s-wc		0.2550	0.2483	0.3490	0.1074	0.4346
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.2059	0.0397	0.0897	0.1818	0.1311
led24		0.2000	0.1600	0.1528	0.0986	0.3453
lenses		0.3333	0.4444	0.2222	0.0000	0.3451
letter		0.8265	0.0133	0.8281	0.8195	0.1783
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.7778	0.0296	0.7944	0.7612	0.0966
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0207
liver		0.8529	0.1471	0.8366	0.6718	0.5829
loan		0.9110	0.0890	0.9046	0.8077	0.3961
localization		0.5793	0.0765	0.3928	0.4887	0.5204
localization10%		0.4794	0.0947	0.3422	0.3724	0.5498
lrs		0.7925	0.0415	0.3340	0.7186	0.1512
lung		0.8571	0.0571	0.6585	0.7407	0.1657
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1		0.8500	0.0600	0.6960	0.6685	0.2181
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.6429	0.1786	0.5750	0.3913	0.2902
lymphoma2		0.7778	0.0494	0.4825	0.7143	0.1027
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.6077	0.3923	0.6090	0.2154	0.9145
magic04		0.8511	0.1489	0.8342	0.6531	0.5151
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8021	0.1979	0.8011	0.6021	0.6610
marketing		0.8750	0.1250	0.6962	0.3130	0.5126
maternal		0.8317	0.1122	0.8450	0.7414	0.2973
math		0.4500	0.2750	0.3070	0.0588	0.3378
mba		0.8339	0.1108	0.3755	0.0552	0.3092
mental-disorders		0.5833	0.2083	0.5385	0.4444	0.2915
mental-health		0.1967	0.3213	0.1655	0.0011	0.5736
messidor		0.6435	0.3565	0.6442	0.2861	0.8783
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.7582	0.6327	0.3068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-D		0.6667	0.1667	0.6824	0.5663	0.2242
mfeat-fac		0.9200	0.0160	0.9249	0.9111	0.0864
mfeat-fou		0.6000	0.0800	0.5895	0.5556	0.2599
mfeat-kar		0.8950	0.0210	0.8989	0.8833	0.1132
mfeat-mor		0.5250	0.0950	0.5004	0.4722	0.3018
mfeat-pix		0.9200	0.0160	0.9222	0.9111	0.0925
mfeat-zer		0.5750	0.0850	0.5615	0.5278	0.2965
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.1765	0.3294	0.0615	-0.0370	0.5060
mobile		0.2832	0.0256	0.2765	0.2702	0.3185
monks-1		0.9091	0.0909	0.9093	0.8180	0.4020
monks-2		0.8361	0.1639	0.8151	0.6285	0.6082
monks-3		0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.1411	0.1562	0.2668	0.0658	0.6008
musk		0.9545	0.0455	0.9089	0.8092	0.2456
MUT_ci300400a_cdk_ECFP2		0.8046	0.1954	0.7990	0.5979	0.6622
MUT_ci300400a_cdk_ECFP4		0.8024	0.1976	0.7967	0.5934	0.6664
MUT_ci300400a_cdk_ECFP6		0.7880	0.2120	0.7819	0.5638	0.6926
MUT_ci300400a_cdk_ESTATE		0.7758	0.2242	0.7674	0.5334	0.7111
MUT_ci300400a_cdk_EXTENDED		0.8477	0.1523	0.8438	0.6875	0.5724
MUT_ci300400a_cdk_FCFP2		0.8252	0.1749	0.8194	0.6386	0.6201
MUT_ci300400a_cdk_FCFP4		0.7914	0.2086	0.7844	0.5685	0.6859
MUT_ci300400a_cdk_FCFP6		0.7998	0.2002	0.7970	0.5927	0.6669
MUT_ci300400a_cdk_MACCS		0.8333	0.1667	0.8277	0.6546	0.6007
MUT_ci300400a_cdk_PUBCHEM		0.8455	0.1545	0.8404	0.6802	0.5747
MUT_ci300400a_cdk_STANDARD		0.8311	0.1689	0.8256	0.6508	0.6072
MUT_ci300400a_rdkit_descriptors		0.8421	0.1579	0.8378	0.6747	0.5792
myocardial		0.7471	0.0632	0.1126	0.1841	0.3303
naticusdroid		0.9669	0.0331	0.9669	0.9339	0.1957
NCI60		0.1667	0.2778	0.1111	0.0000	0.2859
nci9		0.1667	0.1852	0.0741	0.0625	0.1905
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7678	0.0244	0.2393	0.5027	0.7419
ncRNA10%		0.8322	0.0177	0.3917	0.6160	0.7563
neo		0.9058	0.0942	0.6742	0.3229	0.6058
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6377	0.3623	0.6380	0.2754	0.8906
NHANES_age_prediction		0.9427	0.0573	0.8879	0.7726	0.3689
nomao		0.9588	0.0412	0.9493	0.8985	0.2553
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.9475	0.0210	0.7077	0.9229	0.1059
obesity		0.7488	0.0718	0.7484	0.7062	0.2415
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9951	0.0049	0.9932	0.9864	0.0616
Occupancy_Estimation		0.9911	0.0044	0.9713	0.9730	0.0488
oh0-wc		0.1188	0.1762	0.1134	-0.0022	0.4638
oh10-wc		0.0762	0.1848	0.0266	-0.0628	0.5031
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.1319	0.1736	0.0481	0.0272	0.4357
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9298	0.0156	0.9215	0.9118	0.0396
opn310k		0.8934	0.1066	0.6784	0.3569	0.6679
opn310k10%		0.8932	0.1068	0.6791	0.3580	0.6668

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
opnat310k-hg16-17			0.8965	0.1035	0.6826	0.3651	0.6635
optdigits			0.9324	0.0135	0.9340	0.9248	0.0963
optdigitsZ			0.9982	0.0018	0.9945	0.9889	0.0098
orl			0.9000	0.0050	0.8743	0.8974	0.0168
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr			0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr			0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8196	0.1804	0.7983	0.5967	0.6509
P-Glycoprotein_c_RDkit_AtomPair_FP			0.9048	0.0952	0.9068	0.8099	0.4016
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9543	0.0183	0.7138	0.7578	0.3372
parkinson			0.9250	0.0750	0.9222	0.8443	0.3588
parkinsons			0.7299	0.2701	0.7066	0.4104	0.7904
parkinsons-small			1.0000	0.0000	1.0000	1.0000	0.0000
particle			0.9049	0.0951	0.8842	0.7679	0.4684
particle10%			0.8954	0.1046	0.8712	0.7423	0.4943
pasture			0.5000	0.3333	0.5000	0.2727	0.3214
pc1			0.9099	0.0901	0.5693	0.1246	0.6636
pcmac			0.5876	0.4124	0.5610	0.0183	0.5813
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9737	0.0263	0.9649	0.9298	0.1980
pediatric-leukemia			0.3529	0.1849	0.2575	0.2200	0.4148
pendigits			0.9891	0.0022	0.9889	0.9879	0.0191
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.7347	0.2653	0.7086	0.3761	0.7003
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.8400	0.1600	0.8148	0.6267	0.6004
phishing			0.9796	0.0204	0.9786	0.9571	0.1355
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.9924	0.0076	0.9922	0.9844	0.0585
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.6309	0.1054	0.6419	0.5674	0.3263
phone-acc1%			0.7298	0.0772	0.7361	0.6834	0.2598
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.6138	0.1103	0.6229	0.5469	0.3456
phone-gyr1%			0.7365	0.0753	0.7420	0.6908	0.2630
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9185	0.0815	0.8977	0.7937	0.3953
phy			0.6908	0.3092	0.6908	0.3816	0.8328
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.9967	0.0022	0.9939	0.9897	0.0395
placement			0.7930	0.2070	0.7866	0.5730	0.6827
plant-growth			0.7895	0.2105	0.7978	0.5824	0.6422
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4615	0.1077	0.1000	0.0292	0.2866
poker10%			0.4901	0.1020	0.2096	0.0785	0.3245
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9323	0.0677	0.6383	0.1795	0.4497
polya			0.7903	0.2097	0.7688	0.5368	0.7002
popularity			0.6489	0.2340	0.4031	0.1909	0.4811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
post-operative		0.7778	0.1481	0.5045	0.4000	0.2005
postures		0.9759	0.0096	0.9759	0.9699	0.0567
pred-tox_mutagen_ref-desc		0.7794	0.2206	0.7855	0.5588	0.6639
prestige		0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor		0.0909	0.0826	0.0852	0.0553	0.2805
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.7313	0.2687	0.6689	0.2923	0.7269
promoters		0.8000	0.2000	0.8333	0.6154	0.4644
prostate		0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE		0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio		0.9911	0.0036	0.9853	0.9880	0.0291
puc-rio10%		0.9807	0.0077	0.9692	0.9741	0.0507
pufs-128		0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%		0.4910	0.5090	0.4910	-0.0180	1.0000
pufs-12810%		0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64		0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%		0.5067	0.4933	0.5067	0.0134	0.9957
pufs-6410%		0.4996	0.5004	0.4996	-0.0008	1.0000
pulsar		0.9808	0.0192	0.9407	0.8785	0.1663
raisin		0.8889	0.1111	0.8904	0.7778	0.4479
rcv11%		0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%		0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc		0.3600	0.0985	0.2687	0.2471	0.4761
re1-wc		0.2229	0.0622	0.0923	0.1576	0.4716
rejafada		0.0352	0.9648	0.0340	0.0000	0.0946
relathe		1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578		0.4470	0.0230	0.0129	0.0000	0.2191
rice		0.9846	0.0154	0.9845	0.9689	0.1069
rnaseq		0.1750	0.3300	0.0596	0.0000	0.3826
rocket		0.6401	0.3599	0.6274	0.2548	0.8941
RT_IOT2022		0.9976	0.0004	0.9522	0.9939	0.0195
satimage		0.8616	0.0461	0.8373	0.8303	0.2144
satimageF		0.9876	0.0124	0.9684	0.9367	0.1925
satimageT		0.9425	0.0575	0.8365	0.6722	0.4843
scadi		0.7143	0.0816	0.4714	0.6316	0.1263
schiller		0.7778	0.2222	0.4375	0.0000	0.3750
schizo		0.5882	0.4118	0.5908	0.1765	0.9230
sclerosis		0.9630	0.0370	0.9641	0.9256	0.1858
secom		0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
seeds		0.9524	0.0317	0.9553	0.9286	0.0868
segment		0.9437	0.0161	0.9492	0.9342	0.0720
segmentation		0.8564	0.1436	0.8452	0.6900	0.5660
segmentO		0.9957	0.0043	0.9916	0.9830	0.0885
seismic		0.9302	0.0698	0.4819	-0.0074	0.3980
semeion		1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram		0.8632	0.1368	0.4633	-0.0102	0.4508
sens-2-gram		0.8684	0.1316	0.6295	0.2097	0.6277
sens-3-gram		0.8711	0.1289	0.6186	0.1348	0.5175
sens-4-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sensorless		0.8585	0.0257	0.8635	0.8443	0.1528
sepsis		0.9094	0.0906	0.6567	0.0015	0.2086
shoppers		0.8792	0.1208	0.7254	0.3769	0.4824

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
shuttle			0.9984	0.0004	0.7666	0.9956	0.1341
sick			0.9523	0.0477	0.7708	0.5038	0.4060
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9998	0.0002	0.9998	0.9995	0.0044
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.8880	0.1120	0.8908	0.7752	0.4315
smart-farming			0.3000	0.3500	0.1965	0.0541	0.5538
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.8134	0.1866	0.7984	0.5968	0.6552
soil_pollution			0.2200	0.3120	0.1767	0.0236	0.5627
solar-flare			0.6763	0.1079	0.5259	0.5860	0.2043
sonar			0.7000	0.3000	0.7185	0.4000	0.7215
soybean			0.9412	0.0062	0.9618	0.9355	0.0388
spam-detection			0.9525	0.0475	0.8493	0.6956	0.4301
spambase			0.9152	0.0848	0.9109	0.8212	0.3865
spect			0.7037	0.2963	0.6649	0.3077	0.7542
spectf			0.8857	0.1143	0.8600	0.7200	0.5179
spectrometer			0.0943	0.0377	0.0278	0.0507	0.2797
splice-EI			0.9054	0.0946	0.8809	0.7592	0.4825
splice-IE			0.9180	0.0820	0.8846	0.7687	0.4355
sport-articles			0.8600	0.1400	0.8478	0.6928	0.5387
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.2667	0.2500	0.0000	0.2500
startup			0.8710	0.1290	0.8583	0.7019	0.4549
steel_industry			0.8719	0.0854	0.8447	0.7930	0.2774
steel-b			0.8564	0.1436	0.7764	0.5516	0.6352
steel-d			0.9795	0.0205	0.8028	0.5899	0.3873
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.8256	0.1744	0.8028	0.5969	0.6075
steel-p			0.9385	0.0615	0.7598	0.3796	0.1604
steel-s			0.9897	0.0103	0.9348	0.8697	0.2729
steel-z			0.9692	0.0308	0.9286	0.8467	0.3920
stellar			0.8740	0.0840	0.8448	0.7775	0.3087
stock			0.8472	0.1528	0.6908	0.2929	0.5292
stockb			0.9956	0.0029	0.9956	0.9934	0.0158
streaming			0.8340	0.1660	0.8318	0.6617	0.5906
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4000	0.2400	0.3015	0.1935	0.4181
student-depression			0.7602	0.2398	0.7519	0.4812	0.6832
student-habits			0.3500	0.2600	0.1635	-0.0243	0.4688
student-weekend			0.1538	0.3385	0.0929	-0.0561	0.5028
student-workday			0.6719	0.1313	0.2620	0.2708	0.3165
studentap			0.4615	0.3590	0.4331	0.1250	0.3871
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7766	0.2234	0.7765	0.5429	0.6795
susy10%			0.7846	0.2154	0.7842	0.5598	0.6686
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.6116	0.3000	0.4739
telco-churn			0.8722	0.1278	0.8281	0.6457	0.5169
texture			0.9709	0.0053	0.9718	0.9679	0.0453
theorem			0.9525	0.0475	0.9518	0.9030	0.2612
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7524	0.2476	0.4294	0.0000	0.3989

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.7647	0.1176	0.7687	0.6866	0.2330
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.7059	0.2941	0.6670	0.3307	0.8305
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6800	0.3200	0.5052	0.0099	0.8961
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.3636	0.2121	0.1081	0.0735	0.3051
trec23-wc			0.6190	0.1270	0.3325	0.3957	0.2613
trec31-wc			0.4516	0.1567	0.3688	0.3473	0.4379
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0407	0.0199	0.5056
tuandromd			0.9910	0.0090	0.9861	0.9722	0.0959
turkish			0.7500	0.1250	0.7739	0.6667	0.2843
tvnews			0.9458	0.0542	0.9416	0.8810	0.2595
tvnews1%			0.8615	0.1385	0.8553	0.6807	0.4006
tvnews10%			0.8782	0.1218	0.8683	0.7270	0.4539
ur3_cobotops_grip			0.9728	0.0272	0.7346	0.4321	0.4246
ur3_cobotops_stop			0.9714	0.0286	0.7607	0.4979	0.4336
urban			0.5672	0.0962	0.5087	0.5032	0.3156
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7262	0.1369	0.6819	0.6275	0.2911
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.9767	0.0233	0.9773	0.9535	0.1262
vowel			0.5051	0.0900	0.5375	0.4556	0.3176
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9184	0.0816	0.6805	0.2454	0.4080
wap-wc			0.0833	0.0917	0.1588	0.0545	0.4406
warpar10p			0.1538	0.1692	0.1297	0.0774	0.3189
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.7580	0.0691	0.7662	0.7176	0.2684
watch-acc10%			0.8471	0.0437	0.8506	0.8214	0.1954
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.6544	0.0987	0.6693	0.5971	0.3387
watch-gyr10%			0.7568	0.0695	0.7680	0.7164	0.2687
water_pollution			0.2667	0.3667	0.1763	0.0194	0.5714
waveform			0.6900	0.2067	0.7244	0.5335	0.4559
weather-related			0.9308	0.0126	0.9207	0.9217	0.1049
web-phishing			0.8667	0.0889	0.7914	0.7593	0.3456
Weekly			0.9630	0.0370	0.9627	0.9247	0.2012
weight-lift			0.9924	0.0031	0.9920	0.9903	0.0225
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			1.0000	0.0000	1.0000	1.0000	0.0000
wilt			0.9793	0.0207	0.8829	0.7620	0.3176
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5912	0.1363	0.2844	0.3442	0.3980
winequality-white			0.5072	0.1408	0.2565	0.2783	0.4270
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9932	0.0019	0.9806	0.9915	0.0259
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yale			0.5000	0.0667	0.3733	0.4599	0.1206
yeast			0.4257	0.1149	0.2551	0.2546	0.5009
yeastCYT-POX			0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.9032	0.0194	0.8961	0.8915	0.1395

Table 92: Detailed results for KRR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1349	0.0824	0.0767	0.0634	0.5716
abalone19		0.6411	0.3589	0.6285	0.0247	0.0544
abalone9-18		0.5479	0.4521	0.6412	0.1068	0.2521
accelerometer		0.5342	0.4658	0.6141	0.0368	0.1006
accident		0.7500	0.2500	0.7513	0.5000	0.7429
ads		0.9543	0.0457	0.9124	0.8217	0.4034
adult		0.7267	0.2733	0.7520	0.4381	0.6167
advanced-iot		0.9947	0.0018	0.9947	0.9936	0.0111
AID_1431		0.4603	0.5397	0.5261	0.0230	0.4063
AID_1431_KlekotaRothFingerprinter		0.4206	0.5794	0.4275	-0.0614	0.4295
AID_1431_MACCSFingerprinter		0.4762	0.5238	0.3893	-0.1056	0.4559
AID_1878		0.6095	0.3905	0.5779	0.1291	0.7172
AID_602330		0.5156	0.4844	0.5047	0.0027	0.2476
AID_652128		0.4141	0.3906	0.3055	-0.0127	0.4125
AID1284Morered		0.6389	0.3611	0.5296	0.0488	0.6792
AID1284red		0.5556	0.4444	0.5542	0.0740	0.6007
AID1608Morered		0.5534	0.4466	0.6132	0.0992	0.3328
AID1608red		0.5243	0.4757	0.4587	-0.0311	0.3379
AID362red		0.5958	0.4042	0.5247	0.0066	0.1053
AID373AID439red		0.5335	0.4665	0.6054	0.0004	0.0010
AID373red		0.5282	0.4718	0.5770	0.0015	0.0070
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		0.5714	0.4286	0.6818	0.2222	0.4422
AID456red		0.5411	0.4589	0.4663	-0.0016	0.0250
AID604		0.5082	0.4918	0.5833	0.0056	0.0225
AID604AID644_AllRed		0.5104	0.4896	0.6023	0.0021	0.0059
AID644Morered		0.3500	0.6500	0.3122	-0.3542	0.9481
AID644red		0.6500	0.3500	0.6030	0.2045	0.8754
AID687AID721red		0.5203	0.4797	0.5050	0.0001	0.0052
AID687red		0.5107	0.4893	0.5265	0.0014	0.0223
AID688red		0.4983	0.5017	0.5512	0.0078	0.0595
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.5556	0.4444	0.5303	0.0526	0.7987
AID746AID1284red		0.5307	0.4693	0.6056	0.0023	0.0061
AID746red		0.5092	0.4908	0.5590	0.0062	0.0401
aids		0.7981	0.2019	0.7673	0.5188	0.6777
air_pollution		0.1400	0.2457	0.1206	-0.0225	0.8947
air-booking		0.6722	0.3278	0.6513	0.2390	0.6251
airline		0.8578	0.1422	0.8570	0.7128	0.5432
alcohol		0.6476	0.1410	0.3022	0.3681	0.6569
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7953	0.2047	0.8042	0.5868	0.6233
anneal		0.9101	0.0360	0.9185	0.8297	0.2362
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.5702	0.4298	0.6174	0.0214	0.0529
anuran-family		0.8818	0.0591	0.6358	0.7881	0.3953
anuran-genus		0.8846	0.0289	0.6346	0.8173	0.3686
anuran-species		0.9292	0.0142	0.7687	0.9009	0.0993
anxiety		0.0667	0.2074	0.0625	-0.0521	0.8408
apple-quality		0.7300	0.2700	0.7314	0.4600	0.7724
aps-failure		0.8333	0.1667	0.6809	0.1455	0.2337
arabidopsis0.1%		0.5059	0.4941	0.5411	0.0060	0.0590
arabidopsis1%		0.5121	0.4879	0.6006	0.0150	0.0465
arabidopsis10%		1.0000	0.0080	0.6706	0.0073	0.0321
arcene		0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.5333	0.0933	0.3299	0.3519	0.4681
auction		0.5490	0.4510	0.6579	0.1817	0.4417
audiology		0.9091	0.0165	0.8760	0.8929	0.0503
audit-risk		0.9487	0.0513	0.9465	0.8929	0.2780
autism-adolescent		0.6364	0.3636	0.7317	0.3529	0.5283
autism-adult		0.8714	0.1286	0.8740	0.7170	0.4566
autism-child		0.7931	0.2069	0.7967	0.5877	0.6595
autos		0.7500	0.1000	0.7273	0.6622	0.2187
avila		0.4557	0.0907	0.2160	0.3035	0.5773
babies		0.3468	0.1866	0.1798	0.1025	0.6372
balance		0.8871	0.0753	0.7127	0.7951	0.3773
bank		0.7820	0.2180	0.7528	0.4009	0.5217
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8894	0.1106	0.8797	0.7592	0.4770
basehock		0.8995	0.1005	0.8996	0.7990	0.4328
bio		0.9817	0.0061	0.7855	0.4686	0.0680
bio10%		0.5779	0.4221	0.6061	0.0204	0.0602
biodeg		0.8476	0.1524	0.8525	0.6917	0.5363
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9735	0.0013	0.0455	-0.0010	0.0503
bitcoin1%		0.1622	0.2394	0.2127	0.0066	0.0869
bitcoin10%		0.9808	0.0018	0.0337	-0.0041	0.0242
body-perf		0.5373	0.2313	0.5447	0.3831	0.4658
bookings		0.9895	0.0070	0.6619	0.9777	0.0453
brain-tumor		0.5090	0.4910	0.5090	0.0181	0.9947
breast-cancer		0.6786	0.3214	0.6816	0.3368	0.7643
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.7407	0.7800	0.0723
bridges		0.6000	0.1333	0.5285	0.4872	0.1526
bub10at310k-hg16-17		0.9218	0.0896	0.4732	0.0000	0.2096
bub8at310k-hg16-17		0.4889	0.5111	0.6258	0.1132	0.3481
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.3250	0.4500	0.3223	-0.0204	0.8028
car		0.6322	0.1839	0.3818	0.3933	0.4806
car-insurance		0.7930	0.2070	0.7988	0.5712	0.6253
card		0.8406	0.1594	0.8488	0.6834	0.5371
cardiotocography		0.7042	0.0592	0.5298	0.6426	0.2508
cardiotocography-nsp		0.7136	0.1909	0.6687	0.4572	0.5221
cardiovascular		0.6501	0.3499	0.6503	0.3001	0.8786
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6250	0.2500	0.5499	0.3915	0.5636
cas_N6512_cdk_ECFP2		0.7634	0.2366	0.7619	0.5237	0.7299
ccds1%		0.5577	0.4423	0.5169	0.0099	0.2421
ccds10%		0.5513	0.4487	0.6101	0.0662	0.2113
cdc_diabetes		0.8484	0.1035	0.4055	0.0725	0.2418
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.6873	0.3127	0.5947	0.0851	0.3170
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.5982	0.4018	0.6236	0.0965	0.2751
CDS49_AID687_Rdkit-ecfp4-fp		0.5372	0.4628	0.5092	0.0004	0.0193
census		0.9357	0.0549	0.6963	0.2755	0.3074
census10%		0.7189	0.2811	0.6823	0.2061	0.3742
central-nervous-system		0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B		0.9651	0.0349	0.9013	0.7817	0.4644
cervical-C		0.7674	0.2326	0.5608	0.0822	0.4664
cervical-H		0.8721	0.1279	0.7545	0.3752	0.4565

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-S		0.9070	0.0930	0.7833	0.5497	0.6033
children-anemia		0.7352	0.1324	0.5568	0.5932	0.2986
chrom19		0.9991	0.0010	0.4992	0.0000	0.0053
chrom191%		0.5121	0.4879	0.6027	0.0025	0.0069
chrom211%		0.5150	0.4850	0.6029	0.0017	0.0047
chrom2110%		0.5015	0.4985	0.6004	0.0005	0.0014
chronic-kidney		0.5422	0.4578	0.6101	0.1026	0.3647
churn		0.6420	0.3580	0.6621	0.2649	0.6727
churn-bigml		0.6704	0.3296	0.6929	0.2859	0.5543
ci900367j_MACCS		0.7263	0.2737	0.7295	0.4484	0.7584
cirrhosis		0.7619	0.1587	0.6580	0.5825	0.4950
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7778	0.1111	0.5517	0.6417	0.3422
climate		0.5741	0.4259	0.6578	0.1481	0.3195
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.7400	0.2600	0.6247	0.1975	0.5883
cmc		0.4966	0.3356	0.4866	0.2311	0.7393
cnae-9		0.9167	0.0185	0.9201	0.9062	0.0778
codon_usage		0.8173	0.0332	0.5271	0.7757	0.2200
coil20		0.9444	0.0056	0.9469	0.9415	0.0342
college		0.7922	0.2078	0.8066	0.5665	0.5766
collins		0.4000	0.0800	0.3377	0.3327	0.3293
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6552	0.3448	0.7088	0.3584	0.6899
colposcopies-2		0.5862	0.4138	0.5764	0.1512	0.9252
colposcopies-3		0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4		0.4483	0.5517	0.4677	-0.0545	0.8632
colposcopies-5		0.7586	0.2414	0.7208	0.3940	0.6550
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.6897	0.3103	0.5964	0.1920	0.8470
column-2c		0.8387	0.1613	0.8565	0.6737	0.4644
column-3c		0.6774	0.2151	0.6329	0.4951	0.5335
comedy_comparisons1%		0.5320	0.4680	0.5337	0.0669	0.9762
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7740	0.2260	0.7742	0.5482	0.7102
coupon		0.6648	0.3352	0.6671	0.3305	0.8512
covtype		0.7039	0.0848	0.4020	0.5082	0.3378
covtype10%		0.6757	0.0926	0.4414	0.4962	0.5162
covtypeCD		0.7212	0.2788	0.7365	0.3590	0.5135
covtypeT		0.6888	0.3112	0.6838	0.2095	0.3816
creditcard_trans10%		0.5973	0.4027	0.6165	0.0052	0.0124
crowdsourced		0.7041	0.0986	0.5119	0.5128	0.5649
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1875	0.0508	0.1098	0.1613	0.1870
customer-churn		0.5212	0.4788	0.6165	0.0413	0.1097
cybersecurity		0.1633	0.2789	0.1648	-0.0042	0.8848
cyclopentane		0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands		0.6111	0.3889	0.6047	0.2092	0.9180
darwin		0.7059	0.2941	0.7249	0.4218	0.7337
datatrieve		0.4615	0.5385	0.6270	0.0990	0.2820
dating		0.1014	0.1797	0.1009	0.0017	0.9230
day1%		0.9654	0.0492	0.9732	0.9358	0.1622
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.6033	0.3967	0.6274	0.2087	0.7143
defect		0.5864	0.4136	0.6621	0.2187	0.5410
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.7576	0.2424	0.7339	0.3645	0.5316

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
depressed		0.5245	0.4755	0.5500	0.0705	0.6506
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.5919	0.2889	0.5108
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
df_final		0.8125	0.1250	0.8452	0.7108	0.2409
diabetes		0.7885	0.2115	0.8253	0.5949	0.4773
diabetes-100k		0.6183	0.3817	0.6743	0.1897	0.3731
diabetes-risk		0.6831	0.3169	0.7201	0.3582	0.6067
diabetic		0.5104	0.3264	0.4346	0.1847	0.7639
diabetic1%		0.4216	0.3856	0.4258	0.1141	0.7492
diabetic10%		0.4548	0.3635	0.3917	0.1042	0.7896
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.5660	0.1736	0.4382	0.3905	0.6039
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.6667	0.3333	0.6857	0.3514	0.7987
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.5116	0.4884	0.5917	0.0050	0.0174
dna1%		1.0000	0.0028	0.4975	0.0000	0.0130
dorothea		0.7739	0.2261	0.7222	0.3385	0.5190
dota2		0.5978	0.4022	0.5978	0.1953	0.9293
dota210%		0.5631	0.4369	0.5619	0.1238	0.9588
drebin		0.9561	0.0439	0.9545	0.9073	0.2530
dropout		0.7472	0.1685	0.6928	0.5922	0.4891
drug-01		0.2926	0.2021	0.1750	0.0709	0.7896
drug-02		0.4574	0.1550	0.3485	0.2570	0.5999
drug-03		0.4574	0.1809	0.2522	0.1603	0.6240
drug-04		0.3936	0.1733	0.2381	0.1737	0.7797
drug-05		0.3670	0.1809	0.1328	0.0228	0.7120
drug-06		0.4096	0.1687	0.3080	0.2548	0.5682
drug-07		0.3883	0.2039	0.2431	0.1225	0.7580
drug-08		0.4043	0.1702	0.2186	0.1622	0.6202
drug-09		0.4734	0.1755	0.2555	0.1285	0.3815
drug-10		0.5000	0.1429	0.2421	0.2401	0.6393
drug-11		0.4415	0.1596	0.1860	0.0892	0.3700
drug-12		0.4734	0.1755	0.2985	0.1659	0.6846
drug-13		0.5532	0.1277	0.1933	0.2942	0.5743
drug-14		0.5106	0.1398	0.2438	0.2910	0.4326
drug-15		0.5213	0.1368	0.2087	0.1635	0.6972
drug-16		0.5745	0.1418	0.4334	0.3904	0.4493
drug-17		0.2819	0.2052	0.1719	0.0789	0.7685
drug-18		0.5426	0.4574	0.6105	0.0123	0.0324
drug-19		0.4362	0.1611	0.2109	0.1474	0.4949
drybean		0.8905	0.0313	0.9132	0.8680	0.1574
ecoli		0.8824	0.0392	0.8909	0.8377	0.1481
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.6970	0.3030	0.7591	0.4211	0.5302
ecoliMU		0.5455	0.4545	0.5646	0.0678	0.4428
ecoliOM		0.7879	0.2121	0.7237	0.2936	0.4150
ecommerce		0.2700	0.3650	0.2697	0.0267	0.8309
eeg		0.3372	0.0828	0.3044	0.2712	0.6417
eeg-eye		0.5701	0.4299	0.5714	0.1418	0.9458
eeg10%		0.3198	0.0850	0.2650	0.2505	0.6063
eucalyptus		0.5890	0.1644	0.5559	0.4786	0.4549
euthyroid		0.5981	0.4019	0.6673	0.1879	0.4036
exon.vs.intron-freq		0.9014	0.1086	0.8886	0.7785	0.4273
exon.vs.intron-freq10%		0.8823	0.1177	0.8872	0.7658	0.4426

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
fakenews		0.5325	0.4675	0.5328	0.0654	0.9795
farm-ads		0.8865	0.1135	0.8859	0.7718	0.4707
fbis-wc		0.4837	0.0607	0.5048	0.4250	0.4877
fertility		0.2000	0.8000	0.1667	-0.2121	0.4673
finance		0.8824	0.1176	0.8815	0.7606	0.4688
financial-risk		0.6595	0.1135	0.4312	0.4623	0.2891
flags		0.4500	0.1571	0.4402	0.3353	0.3405
fonts10%		0.3375	0.0087	0.0484	0.2883	0.3871
forest		0.9231	0.0385	0.9177	0.8939	0.1282
gas		0.9619	0.0127	0.9596	0.9538	0.0813
gastrointestinal		0.8125	0.1250	0.8342	0.7091	0.2774
gender		0.5011	0.3326	0.4496	0.1700	0.7212
gene		0.8486	0.1009	0.8489	0.7658	0.3312
german		0.7000	0.3000	0.6896	0.3737	0.8093
gestures		0.3356	0.3322	0.3332	0.1143	0.8073
gina		0.8386	0.1614	0.8389	0.6767	0.5818
gisette		0.9214	0.0786	0.9214	0.8429	0.3667
glass		0.7143	0.0952	0.7636	0.6075	0.2201
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.6667	0.3333	0.7483	0.3951	0.5223
glassBWNFP		0.6667	0.3333	0.7042	0.3636	0.7218
glassContainers		0.8182	0.1818	0.7660	0.4211	0.5000
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		0.4545	0.5455	0.6140	0.0638	0.1906
glassVWFP		0.5238	0.4762	0.6316	0.0870	0.2192
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.5333	0.2333	0.6172	0.3787	0.3884
haberman		0.7000	0.3000	0.6316	0.2623	0.8380
hapt		0.9634	0.0061	0.8764	0.9567	0.0453
har		0.6967	0.1213	0.6916	0.6174	0.4487
har70		0.7535	0.0732	0.3850	0.6002	0.1857
har701%		0.6978	0.0863	0.4063	0.5513	0.3176
harth		0.6212	0.0643	0.2016	0.4242	0.2596
harth1%		0.6293	0.0618	0.1884	0.4764	0.2788
harth10%		0.6439	0.0585	0.2145	0.4806	0.2692
hayes-roth		0.3750	0.4167	0.3062	0.0698	0.6012
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.3300	0.3350	0.4123	0.0607	0.5534
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.7600	0.2400	0.7764	0.5164	0.6444
heart-quantum		0.8400	0.1600	0.8619	0.6875	0.4308
hepatitis		0.6667	0.3333	0.7359	0.3590	0.5170
hepmass1%		0.8366	0.1634	0.8366	0.6731	0.5905
hepmass10%		0.8403	0.1659	0.8452	0.6674	0.5923
hERG-121inputs		0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs		0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-9inputs		0.6154	0.3846	0.7174	0.3158	0.5170
higgs0.1%		0.6509	0.3491	0.6502	0.3002	0.8789
higgs1%		0.6341	0.3659	0.6322	0.2644	0.8973
higgs10%		0.6435	0.3619	0.6369	0.2676	0.8652
higher		0.1429	0.2143	0.1250	0.0175	0.4134
hinselmann		0.4000	0.6000	0.2857	-0.3636	0.7910
hitters		0.9062	0.0938	0.9070	0.8125	0.4080

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hiv1-proteasa		0.7487	0.2513	0.7629	0.4339	0.5457
hiva		0.5556	0.4444	0.5418	0.0231	0.2210
horse		0.5833	0.2778	0.5674	0.3086	0.6336
hotel-reservartions		0.7737	0.2263	0.7766	0.5332	0.6719
hr		0.5298	0.4702	0.5866	0.1074	0.5460
ht-sensor		0.5536	0.2979	0.5496	0.3281	0.6793
ht-sensor10%		0.5351	0.3099	0.5409	0.3076	0.6845
htru2		0.8246	0.1754	0.7631	0.4252	0.5203
hypothyroid		0.5889	0.2056	0.3841	0.1622	0.4481
hypothyroidT		0.5782	0.4218	0.6516	0.1469	0.3434
ilpd		0.5932	0.4068	0.6494	0.2460	0.7310
immuno-therapy		0.5556	0.4444	0.6897	0.2500	0.5000
instagram		0.8987	0.0507	0.9059	0.8649	0.1714
ionosphere		0.8571	0.1429	0.8309	0.6602	0.5698
iris		0.6667	0.2222	0.6139	0.4898	0.3083
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8909	0.0084	0.8939	0.8865	0.0946
jm1		0.6685	0.3315	0.6296	0.2290	0.7315
jvowels		0.8625	0.0306	0.8584	0.8441	0.1630
kc1		0.7014	0.2986	0.6628	0.2725	0.6536
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.3846	0.2462	0.2680	0.1613	0.3885
kc1-class-level-top5percentDF		0.6000	0.4000	0.6617	0.1509	0.3113
kc2		0.7692	0.2308	0.7680	0.4809	0.6153
kdc-4007		0.7057	0.0841	0.7287	0.6571	0.3510
kddcup981%		0.5474	0.4526	0.5418	0.0308	0.3023
kddcup9810%		0.5529	0.4471	0.5303	0.0221	0.3016
kddcup991%		0.9917	0.0013	0.8049	0.9859	0.0981
kddcup9910%		0.9924	0.0008	0.5176	0.9896	0.0584
kepler		0.8201	0.1199	0.7693	0.7054	0.2732
kidney		0.3423	0.2631	0.2057	0.0197	0.6359
kidney-disease		0.9750	0.0250	0.9743	0.9474	0.1598
krkopt		0.2453	0.0839	0.1334	0.1570	0.6324
krvskp		0.9436	0.0564	0.9441	0.8872	0.2835
la1s-wc		0.7492	0.0836	0.7560	0.6920	0.3833
la2s-wc		0.7517	0.0828	0.7524	0.6933	0.3734
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0256	0.7041	0.6917	0.0867
led24		0.7000	0.0667	0.7236	0.6571	0.1664
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.5510	0.0345	0.5594	0.5327	0.3364
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.6944	0.0407	0.6940	0.6725	0.1287
linkage		1.0000	0.0021	0.8983	0.7725	0.4778
linkage1%		0.7368	0.2632	0.6400	0.0199	0.0384
linkage10%		1.0000	0.0020	0.8903	0.7941	0.4776
liver		0.6471	0.3529	0.6574	0.2941	0.8066
loan		0.8970	0.1030	0.9028	0.7909	0.3928
localization		0.3966	0.1106	0.1245	0.1440	0.4135
localization10%		0.3829	0.1122	0.2166	0.2188	0.6275
lrs		0.7547	0.0701	0.5515	0.6747	0.2604
lung		0.9048	0.0381	0.9161	0.8359	0.2285
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2		0.8333	0.1667	0.8182	0.5714	0.5283
lung-cancer-michigan		0.8889	0.1111	0.8333	0.6087	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.9286	0.0476	0.9513	0.8716	0.1460
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.9149	0.0851	0.9152	0.8273	0.3841
madelon		0.5538	0.4462	0.5545	0.1077	0.9603
magic04		0.7875	0.2125	0.7720	0.5429	0.7027
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8251	0.6468	0.6085
marketing		0.6830	0.3170	0.6766	0.2747	0.5974
maternal		0.6139	0.2574	0.6186	0.4064	0.5721
math		0.7000	0.1500	0.6636	0.5527	0.4318
mba		0.6274	0.2484	0.4602	0.2661	0.4627
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2367	0.3053	0.2403	0.0467	0.8421
messidor		0.7043	0.2957	0.7258	0.4250	0.7371
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.5556	0.2222	0.3751	0.3600	0.3178
meter-D		0.7778	0.1111	0.6317	0.6828	0.2384
mfeat-fac		0.9750	0.0050	0.9754	0.9722	0.0289
mfeat-fou		0.7500	0.0500	0.7476	0.7222	0.2240
mfeat-kar		0.9300	0.0140	0.9317	0.9222	0.0857
mfeat-mor		0.6150	0.0770	0.6065	0.5722	0.2278
mfeat-pix		0.9500	0.0100	0.9507	0.9444	0.0604
mfeat-zer		0.7850	0.0430	0.7806	0.7611	0.1721
mice-prot		0.9907	0.0023	0.9895	0.9894	0.0117
milk		0.7547	0.1635	0.7969	0.6420	0.3450
mines		0.4412	0.2235	0.3058	0.2854	0.4084
mobile		0.5490	0.0161	0.5511	0.5407	0.1867
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.5246	0.4754	0.5125	0.0243	0.9422
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4167	0.1061	0.3936	0.3226	0.6169
musk		0.8061	0.1939	0.7804	0.4933	0.5747
MUT_ci300400a_cdk_ECFP2		0.7770	0.2230	0.7760	0.5491	0.7020
MUT_ci300400a_rdkit_descriptors		0.7569	0.2431	0.7578	0.5118	0.7307
myocardial		0.5529	0.1118	0.3326	0.2186	0.4966
naticusdroid		0.9485	0.0515	0.9491	0.8970	0.2600
nci9		1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA		0.8591	0.0151	0.1672	0.5436	0.1437
ncRNA1%		0.7627	0.0250	0.1647	0.4798	0.6759
ncRNA10%		0.8368	0.0163	0.2726	0.5871	0.7334
neo		0.6167	0.3833	0.6816	0.2084	0.3939
new-thyroid		0.9524	0.0317	0.9462	0.9000	0.1719
new-thyroidT		0.7619	0.2381	0.7646	0.4262	0.5170
new3s-wc		0.6218	0.0172	0.6484	0.6097	0.3049
newspop		0.6435	0.3565	0.6438	0.2870	0.8846
NHANES_age_prediction		0.7313	0.2687	0.7551	0.4033	0.5158
nomao		0.8706	0.1294	0.8715	0.7178	0.4793
NPHA-doctor-visits		0.3472	0.4352	0.3464	-0.0033	0.7528
nursery		0.9128	0.0436	0.6934	0.8708	0.1292
obesity		0.6114	0.1110	0.6026	0.5470	0.3726
obs		0.6481	0.1759	0.7144	0.5249	0.4143
occupancy		0.9557	0.0443	0.9447	0.8833	0.3074
Occupancy_Estimation		0.9625	0.0188	0.8896	0.8889	0.1386

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
oh0-wc			0.8713	0.0257	0.8827	0.8535	0.1210
oh10-wc			0.6667	0.0667	0.6524	0.6235	0.3153
oh15-wc			0.6522	0.0696	0.6236	0.6070	0.3222
oh5-wc			0.7802	0.0440	0.7780	0.7525	0.2165
ohscal-wc			0.3486	0.1303	0.3355	0.2702	0.7313
opn310k			0.4882	0.5118	0.6234	0.1111	0.3509
opn310k10%			0.4862	0.5138	0.6198	0.1062	0.3478
opnat310k-hg16-17			0.9047	0.0921	0.4736	0.0000	0.2075
optdigits			0.9377	0.0125	0.9401	0.9308	0.0832
optdigitsZ			0.7722	0.2278	0.7396	0.3480	0.4676
orl			1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.6285	0.3715	0.6498	0.1020	0.2121
ozone8hr			0.5850	0.4150	0.6482	0.1441	0.3472
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7371	0.2629	0.7436	0.4672	0.7202
P-Glycoprotein_c_RDkit_AtomPair_FP			0.7540	0.2460	0.7550	0.5084	0.7394
p53-mutants			0.5942	0.4058	0.6186	0.0137	0.0328
p53-mutants10%			0.5478	0.4522	0.3539	-0.0064	0.0285
page-blocks			0.6581	0.1367	0.3926	0.2395	0.4727
parkinson			0.9500	0.0500	0.9516	0.8984	0.2374
parkinsons			0.7488	0.2512	0.7843	0.5191	0.5997
parkinsons-small			0.7895	0.2105	0.7677	0.5190	0.6808
particle			0.8319	0.1681	0.8333	0.6370	0.5587
particle10%			0.8300	0.1700	0.8258	0.6279	0.5826
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.7387	0.2613	0.7122	0.2689	0.4085
pcmac			0.4897	0.5103	0.4887	-0.0224	0.9900
pcos			0.9133	0.0867	0.8947	0.7670	0.4433
pd			0.8158	0.1842	0.7940	0.5692	0.6392
pediatric-leukemia			0.7941	0.0588	0.7526	0.7473	0.1845
pendigits			0.8790	0.0242	0.8772	0.8655	0.1499
period			0.5556	0.4444	0.5791	0.1429	0.8628
period-10f			0.5556	0.4444	0.5791	0.1429	0.8628
persistency			0.8076	0.1924	0.8033	0.6022	0.6504
personalities			0.8883	0.0140	0.8889	0.8809	0.1634
pet-adoption			0.7750	0.2250	0.7944	0.5515	0.6128
phishing			0.9551	0.0449	0.9530	0.9060	0.2549
phone-acc0.1%			0.5046	0.1415	0.4545	0.4218	0.3830
phone-acc1%			0.5039	0.1418	0.4566	0.4210	0.3607
phone-acc10%			0.5104	0.1380	0.4557	0.4302	0.3598
phone-gyr0.1%			0.3094	0.1973	0.3135	0.1959	0.4166
phone-gyr1%			0.3145	0.1959	0.3285	0.2025	0.4011
phone-gyr10%			0.3259	0.1901	0.3464	0.2151	0.4107
phoneme			0.7111	0.2889	0.7251	0.4118	0.7030
phy			0.7048	0.2952	0.7048	0.4096	0.8148
pima			0.7632	0.2368	0.7593	0.5156	0.7272
placement			0.7670	0.2330	0.7703	0.5339	0.7058
plant-growth			0.8947	0.1053	0.8944	0.7889	0.4478
plrx			0.4444	0.5556	0.4929	-0.0112	0.8322
poker			0.5028	0.0994	0.0667	0.0000	0.1731
poker1%			0.3639	0.1817	0.1357	-0.0024	0.8329
poker10%			0.3838	0.1540	0.1240	0.0011	0.8731
polish-1st			0.4836	0.5164	0.5578	0.0297	0.2080
polish-2nd			0.5005	0.4995	0.5766	0.0418	0.2108
polish-3rd			0.5076	0.4924	0.5706	0.0449	0.2529
polish-4th			0.5755	0.4245	0.6070	0.0842	0.2907
polish-5th			0.6514	0.3486	0.6372	0.1476	0.3892

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polya			0.7697	0.2303	0.7757	0.5342	0.6790
popularity			0.5571	0.2953	0.4807	0.2502	0.6768
post-operative			0.7778	0.2222	0.7500	0.5000	0.7296
postures			0.7755	0.0898	0.7772	0.7195	0.3203
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6195	0.2353	0.9023
prestige			0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor			0.4242	0.0886	0.3299	0.3660	0.2734
profb			0.7910	0.2090	0.7838	0.5571	0.6735
promoters			0.7000	0.3000	0.6784	0.3478	0.8165
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.7905	0.0819	0.7037	0.7066	0.2409
puc-rio10%			0.8298	0.0681	0.7423	0.7691	0.2370
pufs-1281%			0.5073	0.4927	0.5073	0.0147	0.9956
pufs-12810%			0.5000	0.4960	0.5048	-0.0005	0.9972
pufs-641%			0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%			0.5021	0.5016	0.5025	0.0039	0.9893
pulsar			0.7973	0.2027	0.7467	0.3820	0.5068
raisin			0.9000	0.1000	0.9001	0.8000	0.4311
rcv11%			0.7407	0.0126	0.4708	0.7142	0.3127
re0-wc			0.6067	0.0605	0.6277	0.5090	0.5211
re1-wc			0.5723	0.0342	0.5827	0.5227	0.3833
rejafada			0.4271	0.5729	0.6037	0.0459	0.1488
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.0073	0.0305	0.0002	0.0000	0.2369
rice			0.9857	0.0143	0.9856	0.9711	0.0943
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5994	0.4006	0.6369	0.2420	0.8184
RT_IOT2022			0.9735	0.0044	0.8374	0.9335	0.0309
satimage			0.7947	0.0684	0.7348	0.7426	0.2223
satimageF			0.9036	0.0964	0.8371	0.6322	0.5448
satimageT			0.5210	0.4790	0.6347	0.1353	0.3899
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.4444	0.5556	0.4696	-0.0465	0.7758
schizo			0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.4423	0.5577	0.4806	-0.0134	0.3311
secondary_mushroom			0.8574	0.1426	0.8592	0.7146	0.5330
segment			0.8745	0.0359	0.8873	0.8531	0.1231
segmentation			0.8267	0.1733	0.8303	0.6454	0.5834
segmentO			0.7056	0.2944	0.7384	0.3583	0.5000
seismic			0.7287	0.2713	0.6467	0.1821	0.4356
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.6026	0.3974	0.5371	0.0550	0.6268
sens-10-gram			0.6824	0.3176	0.6119	0.1806	0.6410
sens-2-gram			0.5737	0.4263	0.5551	0.0757	0.5935
sens-3-gram			0.5658	0.4342	0.6112	0.1416	0.5352
sens-4-gram			0.5711	0.4289	0.5897	0.1182	0.5620
sens-5-gram			0.5632	0.4368	0.5686	0.0911	0.5750
sens-6-gram			0.5947	0.4053	0.5936	0.1286	0.5772
sens-7-gram			0.6263	0.3737	0.5595	0.0904	0.6296
sens-8-gram			0.5895	0.4105	0.5736	0.1024	0.5906
sens-9-gram			0.6368	0.3632	0.5642	0.0990	0.6346
sensorless			0.4754	0.0954	0.5190	0.4229	0.3366
sepsis			0.4481	0.5519	0.5842	0.0718	0.3672
shoppers			0.7924	0.2076	0.7583	0.4547	0.6019
shuttle			0.7638	0.0675	0.3666	0.4744	0.3854
sick			0.5942	0.4058	0.6501	0.1388	0.3213

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9152	0.0748	0.9024	0.7869	0.4418
skin10%			0.8991	0.1009	0.8837	0.7402	0.4601
smarket			0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming			0.2200	0.3900	0.2229	-0.0372	0.8638
smk_can_187			0.7895	0.2105	0.7889	0.5778	0.6844
smoking			0.7026	0.2974	0.7551	0.4439	0.6139
soil_pollution			0.2067	0.3173	0.2091	0.0075	0.8639
solar-flare			0.7482	0.0839	0.6837	0.6772	0.2113
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection			0.6200	0.3800	0.6778	0.2009	0.3906
spambase			0.9043	0.0957	0.8996	0.7988	0.4246
spect			0.5926	0.4074	0.7059	0.2878	0.5089
spectf			0.7143	0.2857	0.7742	0.4615	0.5283
spectrometer			0.3269	0.0499	0.2055	0.2835	0.2387
splice-EI			0.7792	0.2208	0.8072	0.5463	0.5223
splice-IE			0.7066	0.2934	0.7551	0.4238	0.5690
sport-articles			0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7303	0.1798	0.7067	0.5810	0.4818
steel-b			0.6974	0.3026	0.7103	0.3587	0.6524
steel-d			0.5282	0.4718	0.5884	0.0426	0.1752
steel-k			0.9333	0.0667	0.9159	0.8176	0.3968
steel-o			0.7128	0.2872	0.7061	0.4044	0.7869
steel-p			0.7077	0.2923	0.7068	0.2599	0.4117
steel-s			0.6051	0.3949	0.6478	0.1049	0.2255
steel-z			0.7333	0.2667	0.7270	0.3173	0.4573
stellar			0.7736	0.1509	0.7754	0.6252	0.4504
stock			0.7708	0.2292	0.7636	0.4602	0.5950
stockb			0.8943	0.0705	0.8995	0.8415	0.1721
streaming			0.8060	0.1940	0.8083	0.6125	0.6421
stress			0.9683	0.0127	0.9713	0.9603	0.0374
student-lifestyle			0.5650	0.1740	0.3269	0.3335	0.4466
student-depression			0.8265	0.1735	0.8241	0.6467	0.6147
student-habits			0.3000	0.2800	0.2606	0.0669	0.8022
student-weekend			0.3692	0.2523	0.2928	0.1674	0.6702
student-workday			0.5000	0.2000	0.2287	0.1742	0.6134
studentap			0.5385	0.3077	0.5220	0.2778	0.5861
susy1%			0.7770	0.2230	0.7783	0.5424	0.6663
susy10%			0.7590	0.2408	0.7654	0.5052	0.6263
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8324	0.1676	0.8265	0.6265	0.5775
texture			0.9855	0.0026	0.9860	0.9840	0.0219
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.5957	0.4043	0.4748	-0.0420	0.7055
thrombin			0.8429	0.1571	0.4574	-0.0377	0.2523
Thyroid_Diff			0.9474	0.0526	0.9426	0.8786	0.2987
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7554	0.2446	0.7795	0.4954	0.5868
tis10%			0.6493	0.3507	0.6440	0.2592	0.7650
titanic			0.7591	0.2409	0.7276	0.4549	0.7599
tourist			0.7500	0.1000	0.5250	0.6364	0.1042

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.5882	0.4118	0.5662	0.1314	0.9243
toxicity-13f			0.5882	0.4118	0.5662	0.1314	0.9243
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.5333	0.4667	0.6026	0.1546	0.7077
trec11-wc			0.7805	0.0488	0.7960	0.7389	0.2447
trec12-wc			0.9355	0.0161	0.9385	0.9227	0.0500
trec21-wc			0.9091	0.0364	0.8982	0.8311	0.2470
trec23-wc			0.7619	0.0794	0.7600	0.6912	0.2804
trec31-wc			0.9032	0.0323	0.9143	0.8719	0.1389
trec41-wc			0.9318	0.0136	0.9511	0.9168	0.0795
trec45-wc			0.8551	0.0290	0.7809	0.8317	0.1443
tuandromd			0.9596	0.0404	0.9448	0.8834	0.3145
turkish			0.7750	0.1125	0.7765	0.7000	0.2538
tvnews			0.8767	0.1233	0.8737	0.7424	0.5012
tvnews1%			0.9154	0.0846	0.9108	0.8207	0.4027
tvnews10%			0.8836	0.1164	0.8787	0.7549	0.4907
urban			0.7910	0.0464	0.8108	0.7557	0.1643
urinalysis			0.8042	0.1958	0.6679	0.2312	0.4604
ustilago1%			0.5179	0.4821	0.5785	0.0138	0.0616
ustilago10%			0.5241	0.4759	0.6049	0.0211	0.0626
vehicle			0.7262	0.1369	0.6966	0.6342	0.2468
vehicleVAN			0.8929	0.1071	0.8875	0.7500	0.4416
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9306	0.8602	0.3303
vowel			0.4343	0.1028	0.3582	0.3778	0.2545
vowelZ			0.4141	0.5859	0.6176	0.0912	0.2976
vrnormat310k-hg16-17			0.9003	0.0902	0.4709	0.0000	0.2066
wap-wc			0.7949	0.0205	0.6952	0.7713	0.1296
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.4917	0.1452	0.4785	0.4042	0.4617
watch-acc10%			0.5024	0.1452	0.4912	0.4105	0.4264
watch-gyr1%			0.3353	0.1899	0.3155	0.2198	0.4430
watch-gyr10%			0.3614	0.1803	0.3588	0.2483	0.3727
water_pollution			0.2133	0.3933	0.2142	-0.0481	0.8850
waveform			0.8420	0.1053	0.8422	0.7630	0.3636
weather-related			0.9462	0.0098	0.9501	0.9390	0.0741
web-phishing			0.7704	0.1531	0.5794	0.5903	0.5447
weight-lift			0.8278	0.0689	0.8207	0.7817	0.2736
white-clover			0.3333	0.6667	0.2500	0.0000	0.5000
wifi-loc			0.9150	0.0425	0.9158	0.8867	0.1411
wilt			0.6004	0.3996	0.6521	0.1205	0.2566
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5031	0.1656	0.2631	0.2728	0.5268
winequality-white			0.4356	0.1881	0.2542	0.2282	0.5295
winnipeg			0.9719	0.0051	0.9651	0.9791	0.0437
winnipeg10%			0.9844	0.0045	0.9759	0.9802	0.0441
wisc_bc			0.9649	0.0351	0.9643	0.9261	0.2027
yale			0.7500	0.0333	0.7257	0.7322	0.0668
yeast			0.4797	0.1156	0.3151	0.3448	0.4917
yeastCYT-POX			0.8776	0.1224	0.7496	0.3581	0.4422
yeastEXC			0.5473	0.4527	0.6257	0.0585	0.1454
yeastME1			0.5608	0.4392	0.6286	0.0616	0.1491
yeastME2			0.5676	0.4324	0.6098	0.0788	0.2597
zip			0.8785	0.0243	0.8689	0.8638	0.1712

Table 93: Detailed results for L2SVML

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1759	0.0785	0.1179	0.0863	0.4573
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9787	0.0213	0.9548	0.9055	0.0778
adult		0.8468	0.1532	0.7737	0.5387	0.6199
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.7619	0.2381	0.4672	-0.0588	0.6265
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
aids		0.8545	0.1455	0.7898	0.5692	0.5881
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7333	0.1067	0.3290	0.3156	0.2198
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9374	0.0313	0.6891	0.8788	0.1982
anuran-genus		0.9499	0.0125	0.8674	0.9168	0.1866
anuran-species		0.9583	0.0083	0.9141	0.9417	0.0718
anxiety		0.1000	0.2000	0.0709	-0.0152	0.6787
apple-quality		0.7325	0.2675	0.7333	0.4650	0.7718
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.7333	0.0533	0.4266	0.5504	0.2136
auction		0.8922	0.1078	0.7034	0.2780	0.3887
audiology		0.9545	0.0083	0.9821	0.9466	0.0299
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.4828	0.5172	0.3256	0.0000	0.5300
autos		0.8000	0.0667	0.6900	0.7306	0.1466
avila		0.5170	0.0805	0.3117	0.2855	0.4793

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
babies		0.4355	0.1613	0.1826	0.1039	0.4016
balance		0.8710	0.0860	0.6033	0.7583	0.2191
bank		0.9104	0.0896	0.7514	0.4943	0.5775
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8922	0.7778	0.3960
basehock		0.9397	0.0603	0.9398	0.8794	0.3033
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.9048	0.0952	0.9003	0.8000	0.4323
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.5593	0.6970	0.0779
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8391	0.0805	0.6063	0.6562	0.3621
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography		0.7700	0.0460	0.6663	0.7209	0.2309
cardiotocography-nsp		0.8920	0.0720	0.8094	0.7057	0.3903
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5906	0.4533	0.5780
cas_N6512_cdk_ECFP2		0.7573	0.2427	0.7553	0.5102	0.7392
cas_N6512_rdkit_ATOMPAIR		0.7308	0.2692	0.7286	0.4569	0.7799
cas_N6512_RDkit_AtomPair_FP		0.7178	0.2822	0.7151	0.4293	0.7969
cas_N6512_rdkit_AVALON		0.7711	0.2289	0.7700	0.5400	0.7168
cas_N6512_RDkit_Avalon_FP		0.7669	0.2331	0.7657	0.5314	0.7239
cas_N6512_rdkit_descriptors		0.7523	0.2477	0.7510	0.5020	0.7475
cas_N6512_rdkit_FEATMORGAN		0.7343	0.2657	0.7335	0.4666	0.7738
cas_N6512_RDkit_Featmorgan_FP		0.7331	0.2669	0.7308	0.4608	0.7755
cas_N6512_RDkit_FP		0.7209	0.2791	0.7182	0.4349	0.7917
cas_N6512_rdkit_LAYERED		0.7462	0.2538	0.7453	0.4904	0.7563
cas_N6512_RDkit_Layered_FP		0.7454	0.2546	0.7434	0.4866	0.7581
cas_N6512_rdkit_MACCS		0.7189	0.2811	0.7338	0.4140	0.6555
cas_N6512_RDkit_MACCS_FP		0.7209	0.2791	0.7249	0.4242	0.7304
cas_N6512_rdkit_MORGAN		0.7262	0.2738	0.7237	0.4469	0.7860
cas_N6512_RDkit_morgan_FP		0.7607	0.2393	0.7592	0.5184	0.7342
cas_N6512_rdkit_PATTERN		0.7938	0.2062	0.7926	0.5852	0.6772
cas_N6512_RDkit_pattern_FP		0.7837	0.2163	0.7835	0.5665	0.6933
cas_N6512_rdkit_RDKITFP		0.7373	0.2627	0.7359	0.4718	0.7704
cas_N6512_rdkit_TORSION		0.7354	0.2646	0.7342	0.4684	0.7729
ccds1%		0.9396	0.0604	0.4844	-0.0288	0.6429
cdc_diabetes		0.8469	0.1020	0.4120	0.1138	0.2718
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7669	0.5326	0.7109
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9752	0.0248	0.8305	0.6136	0.1935
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.7839	0.5621	0.4216
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7263	0.2737	0.7203	0.4368	0.7800
circles		0.1710	0.0166	0.1650	0.1626	0.1849
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7667	0.1167	0.4955	0.6154	0.2998
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.4616	0.1822	0.7359
cnae-9		0.9722	0.0062	0.9729	0.9688	0.0317
codon_usage		0.8565	0.0261	0.6706	0.8248	0.2268
coil20		0.9792	0.0021	0.9810	0.9781	0.0147
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.6400	0.0480	0.5582	0.5995	0.1715
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
cottonmeloidogyne		0.7716	0.2284	0.7716	0.5432	0.7149
coupon		0.6853	0.3147	0.6764	0.3516	0.8426
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9443	0.0557	0.8749	0.7446	0.3738
covtypeT		0.9455	0.0545	0.7592	0.5035	0.5042
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced		0.8793	0.0402	0.6618	0.7440	0.3670
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.2812	0.0449	0.2376	0.2581	0.1478
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.7037	0.2963	0.7303	0.3344	0.4688
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8153	0.1847	0.6874	0.3024	0.5939
defect		0.8796	0.1204	0.7449	0.3728	0.3479
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9000	0.1000	0.7078	0.3760	0.5545
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7667	0.2333	0.6753	0.3488	0.7826
diabetes		0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-100k		0.9417	0.0583	0.7835	0.4560	0.1549
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5686	0.2876	0.4571	0.1652	0.5669
diabetic10%		0.5511	0.2993	0.3520	0.0897	0.5303
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9667	0.0167	0.9499	0.9537	0.0444
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5982	0.4018	0.5949	0.1882	0.9279
dota210%		0.5709	0.4291	0.5674	0.1339	0.9520
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7540	0.1640	0.6515	0.5763	0.4543
drug-01		0.4149	0.1672	0.2001	0.0637	0.4208
drug-02		0.5106	0.1398	0.1592	0.0835	0.5033
drug-03		0.6915	0.1028	0.1367	0.0096	0.2131
drug-04		0.5106	0.1398	0.1555	0.1080	0.5412
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4521	0.1565	0.2657	0.2892	0.3614
drug-07		0.4574	0.1809	0.1623	0.0690	0.3650
drug-08		0.5426	0.1307	0.1227	0.0473	0.3882
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.1538	0.1375	0.3501
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6170	0.1094	0.1711	0.2148	0.3259
drug-14		0.6011	0.1140	0.2242	0.2515	0.3925
drug-15		0.7553	0.0699	0.1229	-0.0057	0.2964
drug-16		0.5904	0.1365	0.2771	0.2780	0.3904
drug-17		0.3670	0.1809	0.1972	0.1157	0.4540
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9155	0.0241	0.9312	0.8978	0.1306
ecoli		0.8529	0.0490	0.7162	0.7962	0.1645
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2590	0.0131	0.8342
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6115	0.3885	0.6125	0.1621	0.7640
eeg10%		0.3655	0.0793	0.4191	0.2953	0.5548
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5205	0.1918	0.2944	0.3384	0.3001
euthyroid		0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq10%		0.8957	0.1043	0.8978	0.7919	0.4284
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.8415	0.0187	0.8296	0.8200	0.1309
fertility		0.9000	0.1000	0.4737	0.0000	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
finance		0.9020	0.0980	0.9009	0.8012	0.4232
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.6000	0.1143	0.3777	0.4904	0.3087
forest		0.9231	0.0385	0.9071	0.8932	0.0993
gas		0.9921	0.0026	0.9918	0.9904	0.0214
gastrointestinal		0.6250	0.2500	0.6534	0.3885	0.4805
gender		0.6000	0.2667	0.3792	0.1413	0.5118
gene		0.9338	0.0442	0.9265	0.8942	0.1948
german		0.7600	0.2400	0.7248	0.4103	0.6710
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8184	0.1816	0.8185	0.6364	0.6267
glass		0.7143	0.0952	0.6837	0.5869	0.2236
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.7143	0.2857	0.6479	0.2500	0.7506
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.5333	0.2333	0.5879	0.3558	0.4251
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
har		0.2844	0.2862	0.0886	0.0000	0.3861
har701%		0.7646	0.0673	0.3905	0.6175	0.1473
har7010%		0.7677	0.0664	0.3940	0.6224	0.1466
harth1%		0.6451	0.0592	0.1869	0.4819	0.2380
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.5882	0.4118	0.5502	0.0916	0.9258
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8363	0.1637	0.8363	0.6726	0.5910
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6664	0.3336	0.6655	0.3193	0.8368
higgs1%		0.6401	0.3599	0.6371	0.2673	0.8770
higher		0.2857	0.1786	0.1724	0.1515	0.2918
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9292	0.0708	0.8737	0.7474	0.4546
hiva		0.9456	0.0544	0.5609	0.1204	0.6256
horse		0.6667	0.2222	0.6348	0.4353	0.5868
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.5907	0.2728	0.5959	0.3884	0.6320
htru2		0.9804	0.0196	0.9389	0.8746	0.1719
hypothyroid		0.9390	0.0305	0.5489	0.5373	0.2050

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hypothyroidT		0.9682	0.0318	0.8780	0.7234	0.0997
ilpd		0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.8000	0.1333	0.7722	0.6939	0.2545
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8163	0.1837	0.6297	0.1350	0.5295
jvowels		0.9378	0.0138	0.9332	0.9294	0.0959
kc1		0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.6154	0.1538	0.2878	0.2935	0.3975
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6081	0.1734	0.7219
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.9982	0.0003	0.9541	0.9969	0.0175
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2784	0.0802	0.1912	0.1722	0.5103
krvskp		0.9687	0.0313	0.9690	0.9373	0.1810
la2s-wc		0.8676	0.0442	0.8524	0.8344	0.2288
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.9118	0.0077	0.9203	0.9071	0.0266
led24		0.6500	0.0700	0.6390	0.6056	0.1530
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.6935	0.0236	0.6892	0.6812	0.2785
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8056	0.0259	0.8088	0.7910	0.0881
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9274	0.0726	0.9225	0.8449	0.3560
localization		0.3940	0.1102	0.1507	0.1482	0.4461
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8679	0.0377	0.6260	0.8174	0.1035
lung		0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5692	0.4308	0.5703	0.1385	0.9470
magic04		0.7833	0.2167	0.7543	0.5013	0.7008
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6238	0.2508	0.6274	0.4185	0.5518
math		0.6750	0.1625	0.6557	0.4951	0.4078
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.7217	0.2783	0.7242	0.4441	0.7796
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.9183	0.8468	0.1413
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.9800	0.0040	0.9802	0.9778	0.0253
mfeat-fou		0.8350	0.0330	0.8392	0.8167	0.1478
mfeat-kar		0.9650	0.0070	0.9669	0.9611	0.0413
mfeat-mor		0.7200	0.0560	0.7180	0.6889	0.2183
mfeat-pix		0.9450	0.0110	0.9456	0.9389	0.0665
mfeat-zer		0.8300	0.0340	0.8337	0.8111	0.1058
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8774	0.0818	0.8846	0.8155	0.2699
mines		0.5588	0.1765	0.4702	0.4414	0.3994
mobile		0.7587	0.0086	0.7707	0.7544	0.1123
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9424	0.0576	0.8831	0.7473	0.2554
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.7844	0.2156	0.7772	0.5540	0.6985
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7170	0.2830	0.7049	0.4070	0.8005
MUT_ci300400a_cdk_EXTENDED		0.7866	0.2134	0.7801	0.5600	0.6952
MUT_ci300400a_cdk_FCFP2		0.7749	0.2251	0.7671	0.5338	0.7151
MUT_ci300400a_cdk_FCFP4		0.7722	0.2278	0.7639	0.5269	0.7184
MUT_ci300400a_cdk_FCFP6		0.7866	0.2134	0.7818	0.5633	0.6942
MUT_ci300400a_cdk_MACCS		0.7542	0.2458	0.7457	0.4710	0.6996
MUT_ci300400a_cdk_PUBCHEM		0.8311	0.1689	0.8251	0.6485	0.6018
MUT_ci300400a_cdk_STANDARD		0.7928	0.2072	0.7874	0.5747	0.6839
MUT_ci300400a_rdkit_descriptors		0.7845	0.2155	0.7780	0.5542	0.6935
myocardial		0.8882	0.0279	0.3816	0.4317	0.0928
naticusdroid		0.9608	0.0392	0.9609	0.9216	0.2206
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA1%		0.8712	0.0136	0.2193	0.5934	0.1671
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6463	0.3537	0.6437	0.2867	0.8842
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9443	0.0557	0.9316	0.8633	0.3223
NPHA-doctor-visits		0.5139	0.3241	0.3066	-0.0084	0.4955
nursery		0.9174	0.0413	0.6969	0.8777	0.1238
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.7963	0.1019	0.8343	0.6962	0.2580
occupancy		0.9883	0.0117	0.9840	0.9677	0.1315
Occupancy_Estimation		0.9911	0.0044	0.9707	0.9730	0.0307
oh0-wc		0.8614	0.0277	0.8452	0.8412	0.1345
oh10-wc		0.7143	0.0571	0.6617	0.6733	0.2511
oh15-wc		0.6957	0.0609	0.6647	0.6550	0.2920
oh5-wc		0.8132	0.0374	0.8137	0.7886	0.1745
olive		0.9649	0.0078	0.9602	0.9565	0.0253

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
optdigits		0.9520	0.0096	0.9536	0.9466	0.0680
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7887	0.2113	0.7693	0.5377	0.7048
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants10%		0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks		0.9580	0.0168	0.6792	0.7323	0.2833
parkinson		0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8951	0.1049	0.8665	0.7299	0.4692
particle10%		0.8792	0.1208	0.8457	0.6877	0.5150
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4588	0.5412	0.4502	-0.0993	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8158	0.1842	0.7544	0.5088	0.6968
pediatric-leukemia		0.8824	0.0336	0.8069	0.8547	0.0910
pendigits		0.9354	0.0129	0.9351	0.9282	0.0960
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.9130	0.0109	0.9130	0.9072	0.1362
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.1363	0.2468	0.0343	0.0000	0.4039
phone-acc1%		0.6471	0.1008	0.6149	0.5864	0.3514
phone-gyr0.1%		0.2735	0.2076	0.2448	0.1527	0.3769
phone-gyr1%		0.1372	0.2465	0.0345	0.0000	0.4034
phoneme		0.7778	0.2222	0.7232	0.4462	0.7484
phy		0.7024	0.2976	0.7024	0.4048	0.8180
pima		0.7237	0.2763	0.7074	0.3667	0.6931
pirvision		0.9882	0.0078	0.9768	0.9626	0.0674
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.7895	0.2105	0.8224	0.5870	0.4472
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9323	0.0677	0.6695	0.0445	0.1696
polya		0.7849	0.2151	0.7598	0.5154	0.7027
popularity		0.6585	0.2277	0.4052	0.1804	0.4587
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc		0.6471	0.3529	0.6494	0.2941	0.8709
prestige		0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor		0.4545	0.0839	0.3322	0.3939	0.2452
profb		0.7164	0.2836	0.6816	0.1750	0.4393
promoters		0.9000	0.1000	0.9010	0.7826	0.2846

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
prostate		0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE		1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio		0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%		0.8286	0.0686	0.7444	0.7668	0.2262
pufs-1281%		0.5082	0.4918	0.5082	0.0163	0.9953
pufs-641%		0.5033	0.4967	0.5033	0.0067	0.9981
pulsar		0.9074	0.0926	0.4757	0.0000	0.2118
raisin		0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc		0.8667	0.0205	0.8619	0.8276	0.2089
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		1.0000	0.0000	1.0000	1.0000	0.0000
rice		0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq		0.1750	0.3300	0.0596	0.0000	0.3826
rocket		0.6023	0.3977	0.5725	0.1405	0.9286
satimage		0.8243	0.0586	0.7705	0.7801	0.2028
satimageF		0.9844	0.0156	0.9591	0.9178	0.1662
satimageT		0.8989	0.1011	0.4734	0.0000	0.2253
scadi		0.7143	0.1143	0.6984	0.6316	0.1667
schiller		0.6667	0.3333	0.5950	0.1818	0.8134
schizo		0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.8846	0.1154	0.6300	0.2484	0.6318
secondary_mushroom		0.8859	0.1141	0.8846	0.7692	0.4744
seeds		0.9524	0.0317	0.9553	0.9286	0.0868
segment		0.9264	0.0210	0.9345	0.9139	0.0776
segmentation		0.8218	0.1782	0.8028	0.6042	0.6372
segmentO		1.0000	0.0000	1.0000	1.0000	0.0000
seismic		0.9341	0.0659	0.4830	0.0000	0.1661
semeion		0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram		0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram		0.8079	0.1921	0.6166	0.2312	0.7401
sens-5-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram		0.8684	0.1316	0.5897	0.0557	0.4398
sens-7-gram		0.8684	0.1316	0.5897	0.0557	0.4398
sens-8-gram		0.8658	0.1342	0.5694	0.0500	0.4928
sens-9-gram		0.8684	0.1316	0.5838	0.0286	0.3763
sensorless		0.0908	0.1653	0.0151	0.0000	0.4085
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8816	0.1184	0.7336	0.4180	0.5243
shuttle		0.9190	0.0232	0.5017	0.7399	0.1930
sick		0.9655	0.0345	0.8435	0.6656	0.3054
sirtuin6		1.0000	0.0000	1.0000	1.0000	0.0000
skin		0.9299	0.0701	0.9049	0.8029	0.4313
skin10%		0.9273	0.0727	0.8994	0.7936	0.4426
smarket		0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming		0.1400	0.4300	0.1386	-0.1497	0.8984
smk_can_187		0.4737	0.5263	0.3214	0.0000	0.5305
smoking		0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution		0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare		0.7626	0.0791	0.7021	0.6940	0.1833
sonar		0.4500	0.5500	0.4497	-0.1000	1.0000
soybean		0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection		0.9080	0.0920	0.4759	0.0000	0.2109
spambase		0.9152	0.0848	0.9111	0.8202	0.3754
spect		0.7778	0.2222	0.6786	0.3571	0.7720

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectf			0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer			0.3654	0.0470	0.2223	0.3268	0.2222
splice-EI			0.9527	0.0473	0.9407	0.8791	0.3179
splice-IE			0.9054	0.0946	0.8679	0.7356	0.4840
sport-articles			0.8000	0.2000	0.7802	0.5510	0.6550
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			0.7957	0.2043	0.7754	0.5507	0.6922
steel_industry			0.7486	0.1676	0.6928	0.5903	0.4755
steel-b			0.8205	0.1795	0.6892	0.3488	0.6752
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.7487	0.2513	0.7094	0.3765	0.6874
steel-p			0.9231	0.0769	0.6783	0.3135	0.5446
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9590	0.0410	0.8958	0.7868	0.4438
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9167	0.0833	0.8521	0.7004	0.4623
stockb			0.9868	0.0088	0.9869	0.9802	0.0434
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6350	0.1460	0.3395	0.3907	0.3909
student-depression			0.8340	0.1659	0.8278	0.6543	0.5970
student-habits			0.4000	0.2400	0.1842	0.0473	0.4650
student-weekend			0.3538	0.2585	0.2224	0.0885	0.7133
student-workday			0.6875	0.1250	0.1645	0.0154	0.3459
studentap			0.5385	0.3077	0.5392	0.2909	0.5535
susy1%			0.7930	0.2070	0.7936	0.5764	0.6452
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis10%			0.7313	0.2687	0.6233	0.2455	0.8310
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8235	0.0882	0.8709	0.7671	0.1047
toxicity			0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.9268	0.0163	0.8372	0.9092	0.0501
trec12-wc			0.9355	0.0161	0.9360	0.9221	0.0405
trec21-wc			0.9394	0.0242	0.7708	0.8738	0.1263
trec23-wc			0.7619	0.0794	0.7224	0.6884	0.2127
trec31-wc			0.9677	0.0108	0.9737	0.9571	0.0472
trec41-wc			0.8977	0.0205	0.8826	0.8739	0.1084
trec45-wc			0.7971	0.0406	0.7201	0.7639	0.1978
tuandromd			0.9821	0.0179	0.9722	0.9443	0.1640
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews1%			0.9308	0.0692	0.9272	0.8533	0.3522
tvnews10%			0.8990	0.1010	0.8905	0.7800	0.4406
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8060	0.0431	0.8159	0.7736	0.1539

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
vehicle			0.7500	0.1250	0.7356	0.6670	0.2101
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.5051	0.0900	0.5379	0.4556	0.2388
vowelZ			0.9798	0.0202	0.9473	0.8889	0.3322
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8500	0.1000	0.8501	0.7750	0.3515
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8074	0.1284	0.5587	0.6389	0.4081
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9850	0.0075	0.9850	0.9800	0.0346
wilt			0.9669	0.0331	0.7921	0.5403	0.3228
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6038	0.1321	0.2553	0.3339	0.3407
winequality-white			0.5235	0.1588	0.2488	0.2084	0.4365
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7591	0.7983	0.0462
yeast			0.4865	0.1027	0.3349	0.3415	0.4595
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9301	0.0140	0.9238	0.9217	0.1078

Table 94: Detailed results for Lasso

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1751	0.0569	0.0835	0.0901	0.4451
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.8374	0.1626	0.7544	0.4898	0.6207
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8571	0.1429	0.5518	0.1036	0.7105
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.8641	0.1359	0.4635	-0.0729	0.6742
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.7143	0.2857	0.7407	0.3636	0.5000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.4500	0.5500	0.4229	-0.1458	0.9361
AID644red		0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8216	0.1784	0.7393	0.4681	0.6733
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8692	0.1308	0.8666	0.7330	0.5171
alcohol		0.7524	0.0990	0.3166	0.4057	0.2808
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.8372	0.1628	0.8197	0.6384	0.6062
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9318	0.0341	0.6891	0.8684	0.1697
anuran-genus		0.9346	0.0163	0.7381	0.8903	0.1812
anuran-species		0.9556	0.0089	0.8848	0.9377	0.0787
anxiety		0.0917	0.2019	0.0835	-0.0244	0.8020
apple-quality		0.7275	0.2725	0.7288	0.4550	0.7768
aps-failure		0.9874	0.0126	0.7823	0.4999	0.2332
arabidopsis		0.9920	0.0080	0.6663	0.0022	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.5669	0.1304	0.9336
arrhythmia		0.6667	0.0513	0.3753	0.4440	0.2245
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.8261	0.0145	0.3575	0.7996	0.0370
audit-risk		0.9359	0.0641	0.9354	0.8624	0.2175
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9429	0.0571	0.9278	0.8555	0.3348
autism-child		0.8276	0.1724	0.8286	0.6556	0.6047
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.5084	0.0819	0.3822	0.2372	0.3502
babies		0.4274	0.1636	0.1377	0.0844	0.3777
balance		0.8871	0.0753	0.6111	0.7875	0.2104
bank		0.9053	0.0947	0.7179	0.4042	0.5559
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8917	0.1083	0.8844	0.7521	0.3633
basehock		0.9447	0.0553	0.9449	0.8895	0.2828
bio		0.9936	0.0064	0.7800	0.4474	0.0701
bio10%		0.9938	0.0062	0.7876	0.5236	0.2471
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0010	0.0342	0.0000	0.0117
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0010	0.0342	0.0000	0.0117
body-perf		0.6239	0.1881	0.6255	0.4985	0.5061
bookings		0.9895	0.0070	0.6619	0.9777	0.0453
brain-tumor		0.4995	0.5005	0.4994	-0.0012	0.9998
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.6364	0.3636	0.6553	0.2903	0.8322
breast-tissue		0.7273	0.0909	0.6803	0.6700	0.1388
bridges		0.7000	0.0857	0.5902	0.5946	0.2260
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4920	0.3387	0.3013	-0.0015	0.3641
car		0.8563	0.0718	0.7250	0.6926	0.3169
car-insurance		0.8290	0.1710	0.7960	0.5899	0.6348
card		0.8986	0.1014	0.8989	0.7947	0.4326
cardiotocography		0.7559	0.0488	0.7075	0.7054	0.2589
cardiotocography-nsp		0.8639	0.0908	0.7401	0.5717	0.4094
cardiovascular		0.6502	0.3498	0.6505	0.3004	0.8784
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6570	0.5354	0.4532
cas_N6512_cdk_ECFP2		0.7527	0.2473	0.7504	0.5000	0.7453
cas_N6512_rdkit_ATOMPAIR		0.7200	0.2800	0.7175	0.4345	0.7947
cas_N6512_RDkit_AtomPair_FP		0.7393	0.2607	0.7369	0.4724	0.7650
cas_N6512_rdkit_AVALON		0.7696	0.2304	0.7685	0.5370	0.7193
cas_N6512_RDkit_Avalon_FP		0.7914	0.2086	0.7913	0.5819	0.6793
cas_N6512_rdkit_descriptors		0.7385	0.2615	0.7376	0.4751	0.7677
cas_N6512_rdkit_FEATMORGAN		0.7389	0.2611	0.7368	0.4735	0.7682
cas_N6512_RDkit_Featmorgan_FP		0.7669	0.2331	0.7652	0.5303	0.7241
cas_N6512_RDkit_FP		0.7301	0.2699	0.7279	0.4556	0.7810
cas_N6512_rdkit_LAYERED		0.7738	0.2262	0.7733	0.5462	0.7113
cas_N6512_RDkit_Layered_FP		0.7745	0.2255	0.7728	0.5454	0.7109

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7588	0.2412	0.7568	0.5105	0.7297
cas_N6512_RDkit_MACCS_FP		0.7623	0.2377	0.7613	0.5225	0.7312
cas_N6512_rdkit_MORGAN		0.7569	0.2431	0.7548	0.5086	0.7382
cas_N6512_RDkit_morgan_FP		0.7669	0.2331	0.7657	0.5314	0.7239
cas_N6512_rdkit_PATTERN		0.7815	0.2185	0.7802	0.5605	0.6992
cas_N6512_RDkit_pattern_FP		0.7837	0.2163	0.7832	0.5661	0.6942
cas_N6512_rdkit_RDKITFP		0.7358	0.2642	0.7343	0.4686	0.7727
cas_N6512_rdkit_TORSION		0.7385	0.2615	0.7367	0.4733	0.7689
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8446	0.1036	0.4023	0.0598	0.2387
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7927	0.2073	0.7800	0.5577	0.6899
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9435	0.0565	0.6952	0.2315	0.2788
census10%		0.9472	0.0528	0.6961	0.2406	0.2837
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9419	0.0581	0.6302	0.2561	0.6215
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8691	0.0654	0.8163	0.8049	0.2344
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8040	0.1960	0.6176	0.1391	0.5946
churn-bigml		0.8652	0.1348	0.6558	0.1810	0.4644
ci900367j_MACCS		0.7474	0.2526	0.7249	0.4453	0.7606
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.5264	0.5105	0.4065
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7935	0.1032	0.5459	0.6718	0.3225
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.4621	0.1884	0.7416
cnae-9		0.8056	0.0432	0.8250	0.7812	0.1762
codon_usage		0.8565	0.0261	0.6779	0.8244	0.1849
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.8200	0.0240	0.6776	0.8017	0.0652
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2		0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3		0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7419	0.1720	0.6847	0.5804	0.4082

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5397	0.4771	0.5290	0.0373	0.8284
comedy_comparisons1%		0.5268	0.4732	0.5243	0.0483	0.9824
comedy_comparisons10%		0.5661	0.4339	0.5639	0.1251	0.9489
connect-4		0.9833	0.0112	0.6700	0.3981	0.0331
cottonmeloidogyne		0.7740	0.2260	0.7741	0.5481	0.7108
coupon		0.6869	0.3131	0.6774	0.3531	0.8397
covid19		0.5361	0.1325	0.2162	0.1592	0.3321
covtype		0.7161	0.0811	0.4957	0.5318	0.3388
covtype10%		0.7096	0.0830	0.4918	0.5197	0.3417
covtypeCD		0.9259	0.0741	0.8259	0.6149	0.3389
covtypeT		0.9374	0.0626	0.6849	0.2563	0.3803
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9987	0.0013	0.7548	0.4406	0.2468
creditcard_trans10%		0.9982	0.0018	0.6663	0.2850	0.4084
crowdsourced		0.8682	0.0439	0.6167	0.7002	0.2186
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.8125	0.0094	0.6373	0.8070	0.0230
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1567	0.2811	0.1579	-0.0151	0.8809
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7407	0.2593	0.7326	0.4638	0.7670
darwin		0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0976	0.1805	0.0972	-0.0029	0.9236
day1%		0.6176	0.3738	0.6204	0.2654	0.8597
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8013	0.1987	0.6560	0.1952	0.5473
defect		0.8488	0.1512	0.6726	0.0932	0.2972
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8987	0.1013	0.7001	0.3526	0.5467
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.8833	0.1167	0.8942	0.7667	0.3405
df_final		0.6875	0.2083	0.5590	0.5000	0.2664
DIA		0.7500	0.2500	0.6446	0.2857	0.8083
diabetes		0.8846	0.1154	0.8873	0.7651	0.4550
diabetes-100k		0.9371	0.0629	0.7629	0.3923	0.1724
diabetes-risk		0.8456	0.1544	0.7326	0.4065	0.5417
diabetic		0.5769	0.2821	0.4425	0.1599	0.5560
diabetic1%		0.4706	0.3529	0.4158	0.1267	0.7738
diabetic10%		0.5285	0.3143	0.3876	0.0982	0.6843
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6161	0.1536	0.4955	0.4355	0.4379
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.7083	0.2917	0.7050	0.4085	0.8079
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9217	0.0783	0.7647	0.5285	0.5845
dota2		0.6004	0.3997	0.5970	0.1918	0.9249
dota210%		0.5709	0.4291	0.5673	0.1337	0.9518
drebin		0.9667	0.0333	0.9642	0.9282	0.1944
dropout		0.7517	0.1655	0.6629	0.5769	0.4742

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.4362	0.1611	0.2092	0.0949	0.3772
drug-02		0.5106	0.1398	0.1163	0.0280	0.3859
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.1772	0.0363	0.3349
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4043	0.1702	0.2133	0.2402	0.5553
drug-07		0.4521	0.1565	0.1359	0.0599	0.3392
drug-08		0.5479	0.1292	0.1025	0.0124	0.3136
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1535	0.1089	0.3556
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1754	0.2228	0.3660
drug-14		0.5957	0.1155	0.2253	0.1951	0.3742
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5745	0.1216	0.2262	0.2469	0.3858
drug-17		0.3670	0.1809	0.1777	0.1186	0.4914
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9251	0.0214	0.9359	0.9093	0.1190
ecoli		0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2603	0.0145	0.8386
eeg		0.3795	0.0776	0.3783	0.3060	0.6020
eeg-eye		0.5995	0.4005	0.5866	0.1603	0.9019
eeg10%		0.3621	0.0797	0.3395	0.2882	0.5861
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5753	0.1699	0.5415	0.4569	0.4465
euthyroid		0.9146	0.0854	0.7101	0.2109	0.2020
exon.vs.intron-freq		0.8914	0.1086	0.8948	0.7835	0.4285
exon.vs.intron-freq10%		0.8865	0.1135	0.8892	0.7736	0.4490
fakenews		0.5400	0.4600	0.5399	0.0797	0.9753
farm-ads		0.8792	0.1208	0.8790	0.7562	0.4804
fbis-wc		0.5935	0.0478	0.4714	0.5320	0.4069
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9020	0.0980	0.9028	0.7997	0.3894
financial-risk		0.8130	0.0623	0.6347	0.6918	0.2227
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.3500	0.1625	0.1613	0.0845	0.3009
fonts		0.3172	0.0089	0.0279	0.2491	0.2728
fonts10%		0.3849	0.0080	0.0602	0.3275	0.3155
forest		0.8846	0.0577	0.8407	0.8398	0.1555
gas		0.9799	0.0067	0.9801	0.9756	0.0434
gastrointestinal		0.6875	0.2083	0.6333	0.4872	0.5512
gender		0.6021	0.2653	0.3816	0.1459	0.5600
gene		0.8927	0.0715	0.8832	0.8306	0.2726
german		0.7300	0.2700	0.6848	0.3317	0.7314
gestures		0.3348	0.3326	0.3391	0.1128	0.7985
gina		0.8617	0.1383	0.8619	0.7230	0.5298
gisette		0.9714	0.0286	0.9714	0.9429	0.1751
glass		0.6667	0.1111	0.5168	0.5116	0.2711
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP		0.7143	0.2857	0.6479	0.2500	0.7506
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.7368	0.2632	0.7389	0.4751	0.7624
gli_85			1.0000	0.0000	1.0000	1.0000	0.0000
glioma			0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade			0.8810	0.1190	0.8845	0.7610	0.4620
green			0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage			0.4667	0.2667	0.4055	0.2683	0.4755
gsalc			1.0000	0.0000	1.0000	1.0000	0.0000
haberman			0.7333	0.2667	0.5793	0.1045	0.7293
hapt			0.9671	0.0055	0.8894	0.9611	0.0326
har			0.7554	0.0979	0.7454	0.6900	0.3906
har70			0.7631	0.0677	0.3935	0.6160	0.1803
har701%			0.7637	0.0675	0.4010	0.6169	0.1650
har7010%			0.7636	0.0675	0.3933	0.6168	0.1655
harth			0.6641	0.0560	0.2462	0.5186	0.2428
harth1%			0.6626	0.0562	0.2341	0.5160	0.2372
harth10%			0.6625	0.0563	0.2438	0.5164	0.2433
hayes-roth			0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival			0.6471	0.3529	0.6237	0.2388	0.8780
health-activity			0.7700	0.1150	0.2175	0.0000	0.1937
heart			0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack			0.8710	0.1290	0.8713	0.7362	0.4795
heart-c			0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure			0.8340	0.1660	0.8040	0.6072	0.6275
heart-quantum			0.9600	0.0400	0.9583	0.9167	0.2315
hepatitis			0.9333	0.0667	0.9148	0.8148	0.4011
hepmass			0.8213	0.1978	0.8016	0.5946	0.6317
hepmass1%			0.8369	0.1631	0.8368	0.6737	0.5899
hepmass10%			0.8347	0.1653	0.8347	0.6694	0.5943
hERG-121inputs			1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.8462	0.1538	0.7719	0.4348	0.3145
higgs			0.6408	0.3592	0.6379	0.2697	0.8783
higgs0.1%			0.6582	0.3418	0.6555	0.3069	0.8639
higgs1%			0.6383	0.3617	0.6353	0.2631	0.8774
higgs10%			0.6401	0.3599	0.6376	0.2686	0.8774
higher			0.2143	0.1964	0.1974	0.0888	0.3794
hinselmann			0.7000	0.3000	0.4118	-0.1538	0.8916
hitters			0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa			0.9073	0.0927	0.8207	0.6229	0.4526
hiva			0.9622	0.0378	0.4904	-0.0045	0.3546
horse			0.6389	0.2407	0.6027	0.3684	0.6029
hotel-reservartions			0.8128	0.1872	0.7792	0.5483	0.6420
hr			0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor			0.5924	0.2717	0.5972	0.3870	0.6362
ht-sensor10%			0.5822	0.2785	0.5865	0.3722	0.6476
htru2			0.9687	0.0313	0.8994	0.7808	0.1485
hypothyroid			0.9363	0.0318	0.5600	0.4994	0.2477
hypothyroidT			0.9310	0.0690	0.7021	0.1756	0.1727
ilpd			0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy			0.7778	0.2222	0.4375	0.0000	0.3750
instagram			0.9280	0.0360	0.9307	0.9040	0.1256
ionosphere			0.8857	0.1143	0.8642	0.7211	0.4596
iris			0.9333	0.0444	0.9333	0.8993	0.1057
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.9345	0.0050	0.9353	0.9319	0.0582

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8136	0.1864	0.6189	0.1102	0.5229
jvowels		0.9548	0.0100	0.9518	0.9488	0.0736
kc1		0.8673	0.1327	0.6949	0.2854	0.4739
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.5714	0.0357	0.0351	0.2000	0.0675
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.6259	0.0935	0.6035	0.5624	0.3256
kddcup98		0.9461	0.0539	0.5022	0.0011	0.3849
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9382	0.0618	0.5296	0.0416	0.5905
kddcup99		0.9975	0.0002	0.4349	0.9957	0.0044
kddcup991%		0.9923	0.0007	0.4662	0.9870	0.0226
kddcup9910%		0.9924	0.0007	0.6183	0.9871	0.0230
kepler		0.8347	0.1102	0.7795	0.7262	0.2556
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9750	0.0250	0.9743	0.9474	0.1598
krkopt		0.2688	0.0812	0.1507	0.1655	0.5410
krvskp		0.9404	0.0596	0.9409	0.8809	0.2973
la1s-wc		0.7270	0.0910	0.7009	0.6549	0.4053
la2s-wc		0.7417	0.0861	0.7283	0.6703	0.3776
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7647	0.0118	0.4375	0.7532	0.0484
led24		0.5000	0.1000	0.5161	0.4475	0.2148
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8150	0.0142	0.8159	0.8075	0.1915
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.9167	0.0111	0.9359	0.9105	0.0388
linkage		0.9979	0.0021	0.8940	0.7708	0.4755
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.9981	0.0019	0.9022	0.7868	0.4689
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9344	0.0656	0.9309	0.8614	0.3380
localization		0.4342	0.1029	0.1808	0.2032	0.4397
localization10%		0.4229	0.1049	0.1884	0.1892	0.4673
lrs		0.7925	0.0415	0.4149	0.7032	0.1334
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.9286	0.0357	0.7135	0.8716	0.1130
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5500	0.4500	0.5503	0.1000	0.9655
magic04		0.7696	0.2304	0.7366	0.4593	0.7113
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8334	0.6662	0.5966
marketing		0.8884	0.1116	0.7389	0.3971	0.4354
maternal		0.5842	0.2772	0.5795	0.3597	0.6074
math		0.8000	0.1000	0.7592	0.6938	0.3514
mba		0.8371	0.1086	0.3613	0.0106	0.2295
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2467	0.3013	0.2522	0.0566	0.8314

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.7130	0.2870	0.7222	0.4332	0.7707
meter-A			0.6250	0.3750	0.7241	0.3333	0.5283
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.9444	0.0278	0.9571	0.9227	0.0673
meter-D			0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac			0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-fou			0.8700	0.0260	0.8722	0.8556	0.1323
mfeat-kar			0.9700	0.0060	0.9708	0.9667	0.0377
mfeat-mor			0.7300	0.0540	0.7367	0.7000	0.1810
mfeat-pix			0.9650	0.0070	0.9664	0.9611	0.0408
mfeat-zer			0.8150	0.0370	0.8199	0.7944	0.0941
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.7547	0.1635	0.7315	0.6194	0.4658
mines			0.5000	0.2000	0.4489	0.3745	0.3937
mobile			0.7622	0.0085	0.7705	0.7579	0.1082
monks-1			0.6364	0.3636	0.6382	0.2696	0.8776
monks-2			0.6393	0.3607	0.3900	-0.0323	0.6755
monks-3			0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4683	0.0967	0.4627	0.3466	0.5158
musk			0.9212	0.0788	0.8354	0.6340	0.3232
MUT_ci300400a_cdk_ECFP2			0.8094	0.1906	0.8023	0.6023	0.6454
MUT_ci300400a_cdk_ECFP4			0.8012	0.1988	0.7954	0.5907	0.6686
MUT_ci300400a_cdk_ECFP6			0.7808	0.2192	0.7725	0.5423	0.6989
MUT_ci300400a_cdk_ESTATE			0.7134	0.2866	0.7035	0.4066	0.8089
MUT_ci300400a_cdk_EXTENDED			0.7962	0.2038	0.7898	0.5795	0.6777
MUT_ci300400a_cdk_FCFP2			0.7737	0.2263	0.7655	0.5304	0.7165
MUT_ci300400a_cdk_FCFP4			0.7866	0.2134	0.7788	0.5564	0.6925
MUT_ci300400a_cdk_FCFP6			0.7854	0.2146	0.7802	0.5603	0.6967
MUT_ci300400a_cdk_MACCS			0.7578	0.2422	0.7479	0.4924	0.7370
MUT_ci300400a_cdk_PUBCHEM			0.8395	0.1605	0.8339	0.6669	0.5860
MUT_ci300400a_cdk_STANDARD			0.7772	0.2228	0.7704	0.5407	0.7116
MUT_ci300400a_rdkit_descriptors			0.7644	0.2356	0.7573	0.5135	0.7297
myocardial			0.8765	0.0309	0.3025	0.3404	0.0999
naticusdroid			0.9472	0.0528	0.9478	0.8943	0.2642
NCI60			0.6667	0.1111	0.5714	0.6000	0.1060
nci9			0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA			0.8710	0.0136	0.2472	0.5892	0.1896
ncRNA1%			0.8707	0.0136	0.2364	0.5826	0.1591
ncRNA10%			0.8722	0.0135	0.2511	0.5945	0.2023
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc			0.5284	0.0214	0.5412	0.5100	0.3331
newspop			0.6448	0.3552	0.6421	0.2837	0.8859
NHANES_age_prediction			0.9515	0.0485	0.9048	0.7979	0.2301
nomao			0.9394	0.0607	0.9257	0.8515	0.3435
NPHA-doctor-visits			0.5000	0.3333	0.2849	-0.0302	0.5269
nursery			0.9097	0.0361	0.5532	0.8662	0.1143
obesity			0.9194	0.0230	0.9186	0.9059	0.1083
obs			0.8148	0.0926	0.8546	0.7168	0.2113
occupancy			0.9859	0.0141	0.9809	0.9611	0.1504
Occupancy_Estimation			0.9803	0.0099	0.9468	0.9391	0.0682
oh0-wc			0.6337	0.0733	0.6785	0.5701	0.2977
oh10-wc			0.5714	0.0857	0.5274	0.5038	0.3689
oh15-wc			0.5109	0.0978	0.5189	0.4343	0.3753
oh5-wc			0.5934	0.0813	0.6256	0.5331	0.2930

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.5708	0.0858	0.5457	0.5164	0.4728
olive		0.9649	0.0078	0.9554	0.9565	0.0249
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9804	0.0039	0.9813	0.9782	0.0290
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8247	0.1753	0.8080	0.6153	0.6390
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8095	0.1905	0.8102	0.6190	0.6431
p53-mutants		0.9952	0.0048	0.6225	0.1167	0.2601
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9360	0.0256	0.5221	0.5142	0.1194
parkinson		0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons		0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8382	0.1618	0.7888	0.5376	0.5143
particle10%		0.8408	0.1592	0.7917	0.5514	0.5318
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4433	0.5567	0.4390	-0.1210	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8553	0.1447	0.8105	0.6207	0.6145
pediatric-leukemia		0.7353	0.0756	0.6769	0.6720	0.2207
pendigits		0.9645	0.0071	0.9646	0.9605	0.0563
period		0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.8163	0.1837	0.8011	0.5994	0.6385
personalities		0.9545	0.0057	0.9547	0.9515	0.0752
pet-adoption		0.8900	0.1100	0.8733	0.7413	0.4508
phishing		0.9429	0.0571	0.9400	0.8788	0.2812
PhiUSIIL		0.9989	0.0011	0.9988	0.9977	0.0100
PhiUSIIL10%		0.9992	0.0008	0.9991	0.9983	0.0077
phone-acc		0.6956	0.0870	0.6602	0.6430	0.2846
phone-acc0.1%		0.6953	0.0871	0.6616	0.6428	0.2810
phone-acc1%		0.6940	0.0874	0.6565	0.6412	0.2835
phone-acc10%		0.6945	0.0873	0.6584	0.6418	0.2842
phone-gyr		0.6762	0.0925	0.6357	0.6201	0.2904
phone-gyr0.1%		0.6726	0.0935	0.6327	0.6157	0.2883
phone-gyr1%		0.6732	0.0934	0.6324	0.6165	0.2939
phone-gyr10%		0.6757	0.0927	0.6350	0.6195	0.2891
phoneme		0.7611	0.2389	0.6901	0.3760	0.7750
phy		0.7032	0.2968	0.7032	0.4064	0.8169
pima		0.7105	0.2895	0.6923	0.3323	0.7052
pirvision		0.9621	0.0253	0.9311	0.8698	0.0796
placement		0.7900	0.2100	0.7861	0.5718	0.6869
plant-growth		0.8947	0.1053	0.8944	0.7889	0.4478
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1001	0.0666	0.0000	0.1726
poker1%		0.4946	0.1011	0.0914	-0.0068	0.2051
poker10%		0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9514	0.0486	0.4876	-0.0019	0.2419

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7838	0.2162	0.7573	0.5071	0.6967
popularity			0.6628	0.2248	0.4096	0.1844	0.4720
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8196	0.0722	0.8200	0.7745	0.2772
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6353	0.2647	0.8828
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4545	0.0496	0.2152	0.3920	0.1911
processed			0.9369	0.0631	0.9290	0.8575	0.3457
profb			0.8209	0.1791	0.7929	0.5843	0.6483
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.6429	0.3571	0.6443	0.2857	0.8758
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8276	0.0690	0.7662	0.7652	0.2400
puc-rio10%			0.8340	0.0664	0.7678	0.7742	0.2419
pufs-128			0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%			0.4980	0.5020	0.4980	-0.0040	1.0000
pufs-12810%			0.5013	0.4986	0.5013	0.0027	0.9992
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5054	0.4946	0.5054	0.0108	0.9969
pufs-6410%			0.5019	0.4981	0.5019	0.0037	0.9987
pulsar			0.9697	0.0303	0.9038	0.7903	0.1344
raisin			0.9000	0.1000	0.9001	0.8000	0.4311
rcv1			0.5660	0.0249	0.1866	0.5235	0.3004
rcv11%			0.6685	0.0125	0.3007	0.6165	0.2726
rcv110%			0.8420	0.0060	0.5336	0.8221	0.2045
re0-wc			0.6400	0.0554	0.5312	0.4973	0.3599
re1-wc			0.5723	0.0342	0.4857	0.4940	0.3278
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.7783	0.0068	0.3353	0.6834	0.4181
rice			0.9830	0.0170	0.9829	0.9655	0.1023
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6110	0.3890	0.5788	0.1495	0.9139
RT_IOT2022			0.9802	0.0033	0.9266	0.9502	0.0241
satimage			0.8460	0.0513	0.8085	0.8092	0.2008
satimageF			0.9736	0.0264	0.9287	0.8516	0.1755
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9167	0.0833	0.4783	-0.0305	0.6521
secondary_mushroom			0.8521	0.1479	0.8506	0.7011	0.5585
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9524	0.0136	0.9583	0.9443	0.0550
segmentation			0.8069	0.1931	0.7850	0.5671	0.6633
segmentO			0.9784	0.0216	0.9559	0.9105	0.1595
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.5832	0.0279	0.3779
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-4-gram			0.8658	0.1342	0.5807	0.0754	0.5299
sens-5-gram			0.8763	0.1237	0.6487	0.1479	0.4234
sens-6-gram			0.8658	0.1342	0.4640	-0.0052	0.3810

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-8-gram			0.8684	0.1316	0.6013	0.1055	0.5237
sens-9-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sensorless			0.8952	0.0191	0.8951	0.8847	0.1049
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8751	0.1249	0.7139	0.3308	0.4544
shuttle			0.9226	0.0221	0.4546	0.7565	0.2092
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9261	0.0739	0.8922	0.7830	0.4475
skin10%			0.9220	0.0780	0.8846	0.7687	0.4594
smarket			0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming			0.1600	0.4200	0.1618	-0.1170	0.8665
smk_can_187			0.8421	0.1579	0.8444	0.6851	0.5655
smoking			0.7439	0.2561	0.7358	0.4677	0.7572
soil_pollution			0.2033	0.3187	0.2059	0.0025	0.8661
solar-flare			0.7482	0.0839	0.6662	0.6752	0.1896
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9180	0.0820	0.6982	0.1879	0.2324
spambase			0.8935	0.1065	0.8882	0.7727	0.4336
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.7143	0.2857	0.6090	0.2045	0.8349
spectrometer			0.7170	0.0118	0.3525	0.7011	0.0630
splice-EI			0.9401	0.0599	0.9270	0.8493	0.3649
splice-IE			0.9117	0.0883	0.8741	0.7461	0.4442
sport-articles			0.8200	0.1800	0.8037	0.5911	0.5877
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7529	0.1648	0.7037	0.5998	0.4752
steel-b			0.8103	0.1897	0.6616	0.2806	0.6788
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9692	0.0308	0.9522	0.9039	0.2161
steel-o			0.7333	0.2667	0.6886	0.3358	0.7187
steel-p			0.9231	0.0769	0.6843	0.1090	0.1864
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9385	0.0615	0.8038	0.5928	0.4537
stellar			0.8919	0.0721	0.8782	0.8013	0.2696
stock			0.8958	0.1042	0.8061	0.5785	0.4361
stockb			0.9824	0.0117	0.9828	0.9736	0.0541
streaming			0.8020	0.1980	0.7995	0.5988	0.6628
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6350	0.1460	0.3436	0.3902	0.4002
student-depression			0.8355	0.1645	0.8293	0.6565	0.5916
student-habits			0.4100	0.2360	0.1887	0.0632	0.4645
student-weekend			0.3846	0.2462	0.2697	0.1542	0.6553
student-workday			0.6875	0.1250	0.1660	0.0369	0.3332
studentap			0.3077	0.4615	0.3269	-0.0263	0.7839
susy			0.7597	0.2403	0.7689	0.5015	0.6314
susy1%			0.7588	0.2412	0.7679	0.4996	0.6336
susy10%			0.7614	0.2386	0.7700	0.5052	0.6325
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn			0.8949	0.1051	0.8609	0.7181	0.4739
texture			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9050	0.0950	0.8687	0.7351	0.4591
tis10%			0.7463	0.2537	0.6583	0.3165	0.8046
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.0833	0.4340	0.6098	0.1060
tox_171			1.0000	0.0000	1.0000	1.0000	0.0000
toxicity			0.6471	0.3529	0.5858	0.1639	0.8952
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.6585	0.0759	0.6250	0.5736	0.2931
trec12-wc			0.6129	0.0968	0.5367	0.5079	0.2481
trec21-wc			0.6970	0.1010	0.2438	0.3504	0.3684
trec23-wc			0.8095	0.0635	0.5769	0.7299	0.1788
trec31-wc			0.6882	0.0891	0.5592	0.5649	0.3032
trec41-wc			0.6591	0.0682	0.4907	0.5701	0.3172
trec45-wc			0.5072	0.0986	0.4917	0.3933	0.3351
tuandromd			0.9798	0.0202	0.9696	0.9386	0.2027
turkish			0.7750	0.1125	0.7787	0.7000	0.2989
tvnews			0.8864	0.1136	0.8763	0.7511	0.4744
tvnews1%			0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%			0.8851	0.1149	0.8751	0.7475	0.4707
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8060	0.0431	0.8180	0.7735	0.1700
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%			0.9234	0.0684	0.9416	0.8645	0.3353
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7619	0.1190	0.7525	0.6825	0.2277
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5960	0.0735	0.6230	0.5556	0.2205
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.6538	0.0346	0.5170	0.6084	0.2106
warpar10p			0.9231	0.0154	0.8830	0.9128	0.0257
warppie10p			0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc			0.6325	0.1050	0.6183	0.5687	0.4097
watch-acc1%			0.6334	0.1047	0.6201	0.5697	0.4042
watch-acc10%			0.6333	0.1048	0.6188	0.5697	0.4074
watch-gyr			0.6044	0.1130	0.5930	0.5365	0.3946
watch-gyr1%			0.6117	0.1110	0.6020	0.5450	0.3784
watch-gyr10%			0.6023	0.1136	0.5911	0.5340	0.3949
water_pollution			0.2067	0.3967	0.2080	-0.0580	0.8891
waveform			0.8460	0.1027	0.8462	0.7690	0.3548
weather-related			0.9558	0.0080	0.9591	0.9498	0.0508
web-phishing			0.7704	0.1531	0.5318	0.5674	0.4514
Weekly			0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift			0.8433	0.0627	0.8394	0.8013	0.2593
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9482	0.0518	0.4867	-0.0040	0.3208
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6101	0.1300	0.2935	0.3584	0.3677
winequality-white			0.5153	0.1385	0.2471	0.2100	0.4295
winnipeg			0.9838	0.0046	0.9707	0.9795	0.0437
winnipeg10%			0.9834	0.0047	0.9849	0.9790	0.0304
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.5625	0.0583	0.4911	0.5294	0.1073
yeast			0.5135	0.0973	0.3659	0.3775	0.4228
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9409	0.0118	0.9354	0.9337	0.0902

Table 95: Detailed results for LDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1785	0.0429	0.1441	0.1024	0.4892
abalone19		0.9402	0.0598	0.5723	0.0621	0.2185
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9800	0.0200	0.5264	0.0256	0.4293
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.8391	0.1609	0.7621	0.5162	0.6418
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_KlekotaRothFingerprinter		0.6429	0.3571	0.4831	-0.0224	0.5210
AID_1431_MACCSFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878		0.7429	0.2571	0.4644	-0.0638	0.8550
AID_602330		0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128		0.8586	0.0943	0.3080	-0.0267	0.5504
AID1284Morered		0.5278	0.4722	0.5425	0.0556	0.5905
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.7864	0.2136	0.5381	0.0605	0.5444
AID1608red		0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red		0.9626	0.0374	0.5524	0.0942	0.4783
AID373AID439red		0.9920	0.0080	0.4980	-0.0003	0.0309
AID373red		0.9975	0.0025	0.4994	-0.0012	0.4477
AID439Morered		0.4286	0.5714	0.6316	0.1250	0.3900
AID439red		0.7143	0.2857	0.7407	0.3636	0.5000
AID456red		0.9810	0.0190	0.4952	-0.0051	0.2230
AID604		0.9962	0.0038	0.4991	-0.0004	0.2479
AID604AID644_AllRed		0.9982	0.0018	0.4995	-0.0009	0.5226
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red		0.9979	0.0021	0.4995	-0.0009	0.3503
AID687red		0.9946	0.0054	0.4986	-0.0027	0.5342
AID688red		0.9875	0.0125	0.4969	-0.0049	0.5435
AID721morered		0.5556	0.4444	0.5303	0.0526	0.7987
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.9985	0.0015	0.4996	-0.0007	0.5338
AID746red		0.9834	0.0166	0.4958	-0.0077	0.4404
aids		0.8263	0.1737	0.7474	0.4858	0.6648
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8516	0.1484	0.6021	0.1035	0.5340
airline		0.8697	0.1303	0.8671	0.7341	0.5156
alcohol		0.7619	0.0952	0.3337	0.4638	0.4070
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8326	0.1674	0.8158	0.6315	0.6194
anneal		0.9551	0.0180	0.9542	0.9101	0.1736
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.8901	0.1099	0.5167	0.0094	0.1489
anuran-family		0.9179	0.0410	0.7402	0.8442	0.3075
anuran-genus		0.9318	0.0170	0.8241	0.8892	0.2785
anuran-species		0.9403	0.0119	0.8531	0.9167	0.1420
anxiety		0.0833	0.2037	0.0828	-0.0334	0.8308
apple-quality		0.7325	0.2675	0.7341	0.4650	0.7679
aps-failure		0.9820	0.0180	0.8054	0.5941	0.5411
arabidopsis		0.9918	0.0082	0.6248	0.1528	0.3386
arabidopsis0.1%		0.7853	0.2147	0.5307	0.0099	0.1021
arabidopsis1%		0.9944	0.0056	0.7856	0.4552	0.0238
arabidopsis10%		0.9916	0.0084	0.6135	0.1472	0.3761

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.6889	0.0479	0.5637	0.5597	0.2934
auction		0.8725	0.1275	0.6124	0.1467	0.5667
audiology		0.1418	0.0701	0.0479	0.0714	0.2277
audit-risk		0.9359	0.0641	0.9334	0.8639	0.2894
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9571	0.0429	0.9470	0.8934	0.2857
autism-child		0.8966	0.1034	0.8971	0.7924	0.4312
autos		0.8000	0.0667	0.6553	0.7324	0.1641
avila		0.5093	0.0818	0.3668	0.2654	0.6039
babies		0.4274	0.1636	0.1394	0.0980	0.4271
balance		0.9032	0.0645	0.6222	0.8180	0.1797
bank		0.9063	0.0937	0.7534	0.5052	0.6063
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8917	0.1083	0.8839	0.7529	0.3756
basehock		0.9598	0.0402	0.9602	0.9196	0.2182
bio		0.9964	0.0036	0.8846	0.7471	0.1031
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8476	0.1524	0.8403	0.6800	0.5791
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9809	0.0013	0.0457	-0.0010	0.0502
bitcoin1%		0.9911	0.0042	0.0242	0.0015	0.0154
bitcoin10%		0.9737	0.0018	0.0340	-0.0040	0.0242
body-perf		0.6060	0.1970	0.6079	0.4746	0.5151
bookings		0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor		0.5080	0.4920	0.5079	0.0159	0.9953
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.6364	0.1212	0.5969	0.5600	0.1943
bridges		0.8000	0.0571	0.5714	0.7143	0.0558
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4900	0.3400	0.2584	-0.0047	0.3805
car		0.8391	0.0805	0.5913	0.6582	0.3561
car-insurance		0.8250	0.1750	0.7928	0.5848	0.6472
card		0.8841	0.1159	0.8816	0.7575	0.4481
cardiotocography		0.7465	0.0507	0.6867	0.6969	0.3193
cardiotocography-nsp		0.8779	0.0814	0.7556	0.6558	0.4017
cardiovascular		0.6498	0.3502	0.6501	0.2995	0.8788
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5884	0.4850	0.3959
cas_N6512_cdk_ECFP2		0.7573	0.2427	0.7551	0.5095	0.7381
ccds1%		0.7912	0.2088	0.5868	0.0969	0.3653
ccds10%		0.9611	0.0389	0.6905	0.3687	0.5503
cdc_diabetes		0.8453	0.1031	0.4252	0.2298	0.3503
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9683	0.0317	0.7881	0.5658	0.4524
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9380	0.0620	0.6000	0.1916	0.6294
CDS49_AID687_Rdkit-ecfp4-fp		0.9921	0.0079	0.4980	-0.0034	0.3790
census		0.9422	0.0578	0.7502	0.4998	0.5756
census10%		0.9438	0.0561	0.7491	0.4982	0.5811
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9186	0.0814	0.7964	0.4992	0.5131

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8714	0.0643	0.8630	0.8085	0.2314
chrom19		0.9860	0.0140	0.6825	0.1104	0.1579
chrom191%		0.9877	0.0123	0.7027	0.1582	0.2113
chrom1910%		0.9864	0.0136	0.6704	0.1128	0.1710
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8050	0.1950	0.6326	0.2150	0.6852
churn-bigml		0.8652	0.1348	0.6844	0.3488	0.6549
ci900367j_MACCS		0.7789	0.2211	0.7604	0.5173	0.7088
cirrhosis		0.7381	0.1746	0.5065	0.4420	0.3443
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7991	0.1005	0.5555	0.6826	0.3190
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.8200	0.1800	0.5411	0.0816	0.7182
cmc		0.4762	0.3492	0.4512	0.1755	0.7549
cnae-9		0.8981	0.0226	0.9049	0.8854	0.0919
codon_usage		0.8243	0.0320	0.6459	0.7867	0.3152
coil20		0.9792	0.0021	0.9804	0.9781	0.0148
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6552	0.3448	0.6446	0.2892	0.8782
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8966	0.1034	0.8041	0.5246	0.2404
colposcopies-6		0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7097	0.1935	0.6556	0.5350	0.5105
comedy_comparisons1%		0.5312	0.4688	0.5294	0.0586	0.9809
connect-4		0.9639	0.0241	0.6594	0.4912	0.5088
cottonmeloidogyne		0.7716	0.2284	0.7717	0.5433	0.7148
coupon		0.6814	0.3186	0.6718	0.3421	0.8468
covid19		0.5335	0.1333	0.2181	0.1556	0.4543
covtype		0.6798	0.0915	0.5301	0.4968	0.5403
covtype10%		0.6790	0.0917	0.5290	0.4942	0.5424
covtypeCD		0.9095	0.0905	0.8089	0.6179	0.5674
covtypeT		0.9130	0.0870	0.7140	0.4211	0.6301
creditcard_trans		0.9994	0.0006	0.9045	0.8082	0.2814
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8829	0.0390	0.7753	0.7533	0.3493
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.2812	0.0359	0.1915	0.2633	0.0943
customer-churn		0.9786	0.0214	0.5365	0.0161	0.2720
cybersecurity		0.1667	0.2778	0.1675	-0.0025	0.8775
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.7778	0.2222	0.7709	0.5352	0.6921
darwin		0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dating		0.1014	0.1797	0.1008	0.0013	0.9227
day1%		0.9534	0.0488	0.9689	0.9465	0.1609
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8030	0.1970	0.6995	0.3969	0.7388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
defect		0.8858	0.1142	0.7564	0.4416	0.4305
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8980	0.1020	0.7290	0.4522	0.6191
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.3639	0.1351	0.4618
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
df_final		0.5000	0.3333	0.3960	0.2099	0.6631
diabetes		0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k		0.9525	0.0475	0.8298	0.6448	0.3898
diabetes-risk		0.8518	0.1482	0.7509	0.4840	0.6138
diabetic		0.5697	0.2869	0.4366	0.1675	0.6586
diabetic1%		0.5686	0.2876	0.4507	0.2285	0.6783
diabetic10%		0.5000	0.3333	0.3734	0.0676	0.7482
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6027	0.1589	0.4938	0.4172	0.5132
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.6667	0.3333	0.6495	0.2941	0.8617
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9812	0.0188	0.5545	0.0555	0.2340
dna1%		0.9972	0.0028	0.5980	0.0663	0.2191
dorothea		0.9217	0.0783	0.7206	0.3677	0.4371
dota2		0.6007	0.3993	0.5975	0.1932	0.9255
dota210%		0.5631	0.4369	0.5594	0.1180	0.9579
drebin		0.9674	0.0326	0.9649	0.9296	0.1902
dropout		0.7562	0.1625	0.6823	0.5903	0.4632
drug-01		0.3723	0.1793	0.1611	0.0666	0.6978
drug-02		0.5000	0.1429	0.2861	0.2013	0.6211
drug-03		0.6543	0.0988	0.1296	0.0162	0.4023
drug-04		0.5053	0.1413	0.2065	0.1024	0.6825
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.2490	0.2582	0.5359
drug-07		0.4415	0.1596	0.1601	0.0895	0.4383
drug-08		0.4840	0.1474	0.1899	0.1166	0.4695
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5053	0.1413	0.1814	0.1432	0.5374
drug-11		0.7606	0.0684	0.1374	0.1106	0.4981
drug-12		0.7394	0.0745	0.1524	0.0610	0.4064
drug-13		0.5851	0.1185	0.2051	0.2762	0.4503
drug-14		0.5319	0.1337	0.2375	0.2407	0.6016
drug-15		0.6649	0.0957	0.1575	0.1074	0.4293
drug-16		0.6064	0.1125	0.2738	0.3516	0.3924
drug-17		0.3564	0.1839	0.1681	0.1067	0.5278
drug-18		0.9839	0.0161	0.1993	-0.0095	0.0221
drug-19		0.6755	0.0927	0.1561	0.0620	0.5767
drybean		0.9030	0.0277	0.9273	0.8828	0.1250
ecoli		0.8529	0.0368	0.5543	0.7942	0.1278
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2700	0.3650	0.2703	0.0267	0.8354
eeg		0.3384	0.0827	0.3421	0.2695	0.7364
eeg-eye		0.6462	0.3538	0.6380	0.2686	0.8731
eeg10%		0.3283	0.0840	0.3587	0.2588	0.6684
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
eucalyptus		0.5890	0.1644	0.5780	0.4754	0.4542
euthyroid		0.9177	0.0823	0.7108	0.3474	0.4544
exon.vs.intron-freq		0.8919	0.1081	0.8954	0.7847	0.4265
exon.vs.intron-freq10%		0.8872	0.1128	0.8900	0.7752	0.4467
fakenews		0.5400	0.4600	0.5399	0.0798	0.9753
farm-ads		0.8841	0.1159	0.8836	0.7663	0.4718
fbis-wc		0.8049	0.0230	0.7645	0.7762	0.1868
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9216	0.0784	0.9251	0.8391	0.2605
financial-risk		0.7770	0.0743	0.6803	0.6376	0.2785
flags		0.6500	0.0875	0.3543	0.5556	0.1862
fonts		0.3772	0.0081	0.1873	0.3445	0.9378
fonts10%		0.3543	0.0084	0.1383	0.3224	0.9122
forest		0.9231	0.0385	0.9063	0.8934	0.1031
gas		0.9526	0.0158	0.9523	0.9425	0.0874
gastrointestinal		0.7500	0.1667	0.6808	0.5817	0.4216
gender		0.6000	0.2667	0.3800	0.1424	0.5617
gene		0.8959	0.0694	0.8857	0.8349	0.2728
german		0.6900	0.3100	0.6413	0.2757	0.8481
gestures		0.3433	0.3283	0.3485	0.1244	0.7903
gina		0.8818	0.1182	0.8824	0.7633	0.4746
gisette		0.9214	0.0786	0.9214	0.8429	0.3667
glass		0.7143	0.0952	0.4989	0.5869	0.2793
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4000	0.3000	0.4833	0.2012	0.4985
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.9671	0.0055	0.9036	0.9611	0.0362
har		0.7064	0.1174	0.7017	0.6285	0.4324
har70		0.7501	0.0714	0.4145	0.5991	0.2519
har701%		0.7473	0.0722	0.4082	0.5948	0.2947
har7010%		0.7494	0.0716	0.4082	0.5979	0.2298
harth		0.6490	0.0585	0.2334	0.4942	0.2680
harth1%		0.6473	0.0588	0.2139	0.4915	0.2651
harth10%		0.6476	0.0587	0.2182	0.4922	0.2679
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.5882	0.4118	0.5662	0.1314	0.9439
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.8300	0.1700	0.7999	0.5992	0.6372
heart-quantum		0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.8351	0.1649	0.8351	0.6701	0.5936
hepmass1%		0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%		0.8352	0.1648	0.8352	0.6703	0.5934
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6564	0.3436	0.6536	0.3035	0.8668
higgs1%		0.6395	0.3605	0.6365	0.2658	0.8771
higgs10%		0.6406	0.3594	0.6380	0.2699	0.8781
higher		0.0714	0.2321	0.0357	-0.0581	0.4322
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa		0.9140	0.0860	0.8439	0.6871	0.5042
hiva		0.9574	0.0426	0.6459	0.2863	0.5931
horse		0.6111	0.2593	0.5855	0.3480	0.6205
hotel-reservartions		0.8142	0.1858	0.7815	0.5556	0.6466
hr		0.8421	0.1579	0.4571	-0.0379	0.6662
ht-sensor		0.5561	0.2959	0.5568	0.3328	0.6855
ht-sensor10%		0.5379	0.3081	0.5385	0.3061	0.7019
htru2		0.9765	0.0235	0.9259	0.8436	0.1437
hypothyroid		0.9128	0.0423	0.4303	0.3309	0.3409
hypothyroidT		0.9363	0.0637	0.7301	0.2778	0.1636
ilpd		0.6610	0.3390	0.5568	0.1114	0.9005
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.8920	0.0540	0.9019	0.8560	0.1743
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9243	0.0058	0.9266	0.9212	0.0662
jm1		0.8154	0.1846	0.6294	0.1847	0.6292
jvowels		0.9277	0.0161	0.9227	0.9181	0.1086
kc1		0.7867	0.2133	0.6291	0.2561	0.7591
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.5000	0.0417	0.0617	0.2899	0.0905
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6935	0.3863	0.7537
kdc-4007		0.5586	0.1103	0.5016	0.4846	0.4835
kddcup981%		0.8947	0.1053	0.5575	0.1121	0.6230
kddcup9810%		0.7707	0.2293	0.5383	0.0489	0.4328
kddcup99		0.9940	0.0005	0.5574	0.9897	0.1008
kddcup991%		0.9951	0.0007	0.8527	0.9918	0.0719
kddcup9910%		0.9950	0.0004	0.5835	0.9915	0.0979
kepler		0.8305	0.1130	0.7834	0.7193	0.2373
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9750	0.0250	0.9743	0.9474	0.1598
krkopt		0.2717	0.0809	0.2255	0.1726	0.5761
krvskp		0.9404	0.0596	0.9409	0.8809	0.2973
la1s-wc		0.3079	0.2307	0.3910	0.1825	0.6124
la2s-wc		0.3808	0.2064	0.4046	0.2145	0.6904
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.8529	0.0074	0.5144	0.8457	0.0321
led24		0.6500	0.0700	0.6322	0.6034	0.1506
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.6930	0.0236	0.6979	0.6807	0.2860
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.7778	0.0296	0.7665	0.7612	0.0892
linkage		0.9979	0.0021	0.8943	0.7713	0.4754
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.9981	0.0019	0.9022	0.7868	0.4689
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9344	0.0656	0.9309	0.8614	0.3380
localization		0.3929	0.1104	0.1647	0.1631	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
localization10%		0.3926	0.1104	0.1677	0.1661	0.5518
lrs		0.8425	0.0283	0.3711	0.7826	0.0674
lung		0.9048	0.0381	0.9344	0.8359	0.1342
lung_discrete		0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.6429	0.1786	0.4468	0.2308	0.1771
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5808	0.4192	0.5815	0.1615	0.9405
magic04		0.7754	0.2246	0.7440	0.4765	0.7062
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8460	0.6883	0.5624
marketing		0.8884	0.1116	0.7461	0.4693	0.5664
maternal		0.6139	0.2574	0.6203	0.4041	0.5668
math		0.7500	0.1250	0.7222	0.6187	0.3924
mba		0.8226	0.1183	0.3781	0.0998	0.3791
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2400	0.3040	0.2443	0.0485	0.8382
messidor		0.6957	0.3043	0.7046	0.3988	0.7954
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.6135	0.6828	0.2312
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.9750	0.0050	0.9754	0.9722	0.0314
mfeat-fou		0.7950	0.0410	0.8004	0.7722	0.1707
mfeat-kar		0.9750	0.0050	0.9752	0.9722	0.0315
mfeat-mor		0.7300	0.0540	0.7356	0.7000	0.1746
mfeat-pix		0.9800	0.0040	0.9807	0.9778	0.0248
mfeat-zer		0.7900	0.0420	0.8008	0.7667	0.1453
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8019	0.1321	0.7905	0.6980	0.3935
mines		0.4412	0.2235	0.4525	0.3016	0.4653
mobile		0.7867	0.0076	0.8022	0.7828	0.0963
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6230	0.3770	0.3838	-0.0637	0.7809
monks-3		0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4650	0.0973	0.4641	0.3550	0.5735
musk		0.9288	0.0712	0.8524	0.6831	0.3424
MUT_ci300400a_cdk_ECFP2		0.8177	0.1823	0.8113	0.6212	0.6317
MUT_ci300400a_rdkit_descriptors		0.7694	0.2306	0.7628	0.5249	0.7223
myocardial		0.7647	0.0588	0.3586	0.2817	0.6948
naticusdroid		0.9543	0.0457	0.9546	0.9086	0.2421
nci9		0.8333	0.0370	0.5263	0.8000	0.0440
ncRNA		0.8431	0.0165	0.2596	0.5690	0.6959
ncRNA1%		0.8004	0.0210	0.2646	0.5393	0.9367
ncRNA10%		0.8444	0.0164	0.2786	0.5791	0.7292
neo		0.8965	0.1035	0.5721	0.0850	0.5612
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
new3s-wc		0.1271	0.0397	0.1400	0.1069	0.6302
newspop		0.6461	0.3539	0.6434	0.2862	0.8845

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
NHANES_age_prediction		0.9692	0.0308	0.9446	0.8882	0.3004
nomao		0.9367	0.0633	0.9229	0.8458	0.3565
NPHA-doctor-visits		0.4583	0.3611	0.2471	-0.0939	0.5773
nursery		0.9182	0.0327	0.6684	0.8792	0.1224
obesity		0.8578	0.0406	0.8559	0.8341	0.1619
obs		0.8148	0.0926	0.8558	0.7226	0.2621
occupancy		0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation		0.9812	0.0094	0.9478	0.9417	0.0466
oh0-wc		0.7723	0.0455	0.7472	0.7386	0.2155
oh10-wc		0.6095	0.0781	0.5883	0.5546	0.3549
oh15-wc		0.7935	0.0413	0.7933	0.7633	0.1749
oh5-wc		0.8462	0.0308	0.8377	0.8256	0.1333
ohscal-wc		0.3629	0.1274	0.3570	0.2901	0.7224
opn310k		0.6558	0.3442	0.6610	0.1973	0.4471
opn310k10%		0.6540	0.3460	0.6433	0.1753	0.4557
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9520	0.0096	0.9545	0.9466	0.0656
optdigitsZ		0.9911	0.0089	0.9728	0.9456	0.1683
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.7431	0.2569	0.6582	0.1434	0.2891
ozone8hr		0.7115	0.2885	0.6242	0.1608	0.4709
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7990	0.2010	0.7826	0.5634	0.6839
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7063	0.2937	0.7063	0.4121	0.8115
p53-mutants		0.9911	0.0089	0.7123	0.3874	0.5186
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9415	0.0234	0.6650	0.6288	0.4180
parkinson		0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons		0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.9027	0.0973	0.8778	0.7550	0.4620
particle10%		0.8985	0.1015	0.8735	0.7469	0.4810
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9099	0.0901	0.6214	0.2387	0.6639
pcmac		0.5000	0.5000	0.4957	-0.0086	0.9887
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.6184	0.3816	0.5929	0.1714	0.8169
pediatric-leukemia		0.7647	0.0672	0.6899	0.7037	0.1650
pendigits		0.8963	0.0207	0.8981	0.8847	0.1292
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.8134	0.1866	0.7980	0.5936	0.6458
personalities		0.9058	0.0118	0.9059	0.8996	0.1438
pet-adoption		0.8750	0.1250	0.8560	0.7095	0.5120
phishing		0.9510	0.0490	0.9485	0.8968	0.2646
phone-acc		0.6744	0.0930	0.6309	0.6181	0.2919
phone-acc0.1%		0.6822	0.0908	0.6431	0.6274	0.2854
phone-acc1%		0.6717	0.0938	0.6257	0.6149	0.2915
phone-acc10%		0.6748	0.0929	0.6314	0.6185	0.2914
phone-gyr		0.6582	0.0977	0.6081	0.5991	0.2947
phone-gyr0.1%		0.6411	0.1026	0.5902	0.5787	0.2945
phone-gyr1%		0.6525	0.0993	0.6022	0.5924	0.2946
phone-gyr10%		0.6570	0.0980	0.6071	0.5976	0.2940
phoneme		0.7870	0.2130	0.7363	0.4725	0.7326
phy		0.7068	0.2932	0.7068	0.4136	0.8122
pima		0.7105	0.2895	0.6923	0.3323	0.7052
placement		0.7890	0.2110	0.7852	0.5699	0.6885

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
plant-growth			0.8947	0.1053	0.8944	0.7889	0.4478
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.4997	0.1001	0.0666	0.0000	0.1726
poker1%			0.4917	0.1017	0.0925	-0.0087	0.2251
poker10%			0.4997	0.1001	0.0666	0.0001	0.1725
polish-1st			0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd			0.9597	0.0403	0.5715	0.0413	0.3170
polish-3rd			0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th			0.9408	0.0592	0.5206	0.0195	0.5017
polish-5th			0.9289	0.0711	0.5982	0.1069	0.4629
polya			0.7730	0.2270	0.7511	0.5020	0.7312
popularity			0.5887	0.2742	0.4579	0.2148	0.7211
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.7817	0.0873	0.7837	0.7272	0.3074
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6353	0.2647	0.8828
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.5758	0.0386	0.3366	0.5352	0.1509
processed			0.9859	0.0141	0.9840	0.9674	0.0716
profb			0.8209	0.1791	0.7970	0.5939	0.6524
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8163	0.0735	0.7451	0.7499	0.2450
puc-rio10%			0.8171	0.0731	0.7284	0.7513	0.2417
pufs-128			0.5006	0.4994	0.5006	0.0012	0.9996
pufs-1281%			0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%			0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-64			0.5020	0.4980	0.5020	0.0040	0.9980
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%			0.5017	0.4983	0.5017	0.0033	0.9990
pulsar			0.9729	0.0271	0.9145	0.8157	0.1259
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%			0.0389	0.0363	0.0014	0.0001	0.3170
re0-wc			0.7333	0.0410	0.7386	0.6429	0.3083
re1-wc			0.7349	0.0212	0.6328	0.6936	0.2066
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.0072	0.0305	0.0002	0.0000	0.2361
rice			0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6096	0.3904	0.5797	0.1537	0.9203
RT_IOT2022			0.9747	0.0042	0.8652	0.9366	0.0420
satimage			0.8274	0.0575	0.7912	0.7864	0.2296
satimageF			0.9782	0.0218	0.9418	0.8803	0.1611
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.5603	0.1137	0.3473	0.4508	0.1670
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6471	0.3529	0.6481	0.2941	0.8778
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8590	0.1410	0.5048	0.0092	0.6354
secondary_mushroom			0.8556	0.1444	0.8541	0.7082	0.5504
segment			0.9177	0.0235	0.9271	0.9038	0.0834
segmentation			0.8020	0.1980	0.7798	0.5574	0.6750
segmentO			0.9784	0.0216	0.9575	0.9148	0.2354
seismic			0.8682	0.1318	0.6218	0.2258	0.6186
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.7533	0.2467	0.6378	0.2478	0.6835

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-2-gram			0.8711	0.1289	0.6147	0.0873	0.4343
sens-3-gram			0.7447	0.2553	0.6234	0.2204	0.6828
sens-4-gram			0.7184	0.2816	0.5662	0.1192	0.7017
sens-5-gram			0.7395	0.2605	0.5839	0.1542	0.7084
sens-6-gram			0.7316	0.2684	0.5604	0.1118	0.7169
sens-7-gram			0.7579	0.2421	0.6009	0.1885	0.7127
sens-8-gram			0.7237	0.2763	0.5753	0.1356	0.7003
sens-9-gram			0.7316	0.2684	0.5981	0.1753	0.6910
sensorless			0.8402	0.0291	0.8399	0.8242	0.1508
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8702	0.1298	0.7233	0.4368	0.6422
shuttle			0.8853	0.0328	0.5579	0.6435	0.3788
sick			0.8939	0.1061	0.7113	0.3918	0.6058
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9326	0.0674	0.9039	0.8050	0.4257
skin10%			0.9306	0.0694	0.8996	0.7974	0.4323
smarket			0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming			0.2600	0.3700	0.2633	0.0170	0.8406
smk_can_187			0.6316	0.3684	0.6315	0.2486	0.8662
smoking			0.7454	0.2546	0.7399	0.4741	0.7497
soil_pollution			0.2033	0.3187	0.2055	0.0024	0.8619
solar-flare			0.4388	0.1870	0.2516	0.3069	0.2369
sonar			0.5000	0.5000	0.5000	0.0000	1.0000
soybean			0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection			0.9455	0.0545	0.8210	0.6335	0.4472
spambase			0.8935	0.1065	0.8884	0.7723	0.4289
spect			0.7037	0.2963	0.6649	0.3077	0.7542
spectf			0.6857	0.3143	0.7271	0.3937	0.6603
spectrometer			0.5283	0.0197	0.2117	0.5013	0.1134
splice-EI			0.9338	0.0662	0.9190	0.8334	0.3883
splice-IE			0.9117	0.0883	0.8757	0.7509	0.4580
sport-articles			0.8000	0.2000	0.7815	0.5402	0.6155
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.2667	0.4938	0.3750	0.2090
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7471	0.1686	0.7038	0.5954	0.4711
steel-b			0.7692	0.2308	0.6741	0.3461	0.7702
steel-d			0.9487	0.0513	0.7290	0.4207	0.5605
steel-k			0.9590	0.0410	0.9356	0.8693	0.2472
steel-o			0.7538	0.2462	0.7160	0.3916	0.6816
steel-p			0.8615	0.1385	0.7428	0.4247	0.5782
steel-s			0.9795	0.0205	0.8697	0.7393	0.4154
steel-z			0.9538	0.0462	0.8788	0.7549	0.4647
stellar			0.8549	0.0967	0.8347	0.7264	0.3098
stock			0.8958	0.1042	0.8069	0.5931	0.4811
stockb			0.8987	0.0675	0.9037	0.8481	0.1762
streaming			0.7980	0.2020	0.7956	0.5911	0.6705
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5800	0.1680	0.3293	0.3475	0.4407
student-depression			0.8337	0.1663	0.8274	0.6527	0.5952
student-habits			0.4100	0.2360	0.1887	0.0635	0.4615
student-weekend			0.3846	0.2462	0.3037	0.1637	0.7030
student-workday			0.6562	0.1375	0.2093	0.2397	0.4936
studentap			0.5385	0.3077	0.5220	0.2778	0.5861
susy			0.7608	0.2392	0.7698	0.5038	0.6304
susy1%			0.7578	0.2422	0.7663	0.4977	0.6399
susy10%			0.7622	0.2378	0.7706	0.5070	0.6330
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn			0.8963	0.1037	0.8639	0.7263	0.4827
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8085	0.1915	0.5444	0.0824	0.7852
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8863	0.1137	0.8594	0.7134	0.5324
tis10%			0.7761	0.2239	0.6924	0.3844	0.7677
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.6250	0.1250	0.4208	0.5000	0.0941
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.4920	-0.0141	0.8877
trec11-wc			0.7561	0.0542	0.6308	0.6933	0.2133
trec12-wc			0.8710	0.0323	0.9082	0.8412	0.0862
trec21-wc			0.6061	0.1313	0.1751	0.1951	0.5270
trec23-wc			0.4762	0.1746	0.4942	0.3084	0.3971
trec31-wc			0.8925	0.0307	0.7678	0.8554	0.1364
trec41-wc			0.7045	0.0591	0.5357	0.6415	0.3235
trec45-wc			0.8116	0.0377	0.7527	0.7779	0.1486
tuandromd			0.9776	0.0224	0.9659	0.9315	0.2128
turkish			0.7500	0.1250	0.7540	0.6667	0.2694
tvnews			0.8917	0.1083	0.8823	0.7637	0.4630
tvnews1%			0.9154	0.0846	0.9086	0.8143	0.3706
tvnews10%			0.8890	0.1110	0.8793	0.7563	0.4611
urban			0.7612	0.0531	0.8053	0.7201	0.1742
urinalysis			0.9441	0.0559	0.7030	0.3998	0.5822
ustilago			0.9905	0.0095	0.7396	0.4779	0.5080
ustilago1%			0.9853	0.0147	0.5879	0.1745	0.5633
ustilago10%			0.9902	0.0098	0.7010	0.3530	0.3974
vehicle			0.7262	0.1369	0.7037	0.6347	0.2377
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5758	0.0771	0.5916	0.5333	0.2180
vowelZ			0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17			0.9214	0.0786	0.7010	0.3338	0.4737
wap-wc			0.0833	0.0917	0.0692	0.0281	0.3513
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.6739	0.0932	0.6458	0.6178	0.3046
watch-acc1%			0.6631	0.0963	0.6347	0.6051	0.3046
watch-acc10%			0.6725	0.0936	0.6444	0.6162	0.3038
watch-gyr			0.6512	0.0997	0.6237	0.5917	0.2969
watch-gyr1%			0.6500	0.1000	0.6218	0.5904	0.2924
watch-gyr10%			0.6508	0.0998	0.6222	0.5913	0.2950
water_pollution			0.2100	0.3950	0.2113	-0.0533	0.8877
waveform			0.8440	0.1040	0.8442	0.7660	0.3600
weather-related			0.9327	0.0122	0.9385	0.9235	0.0774
web-phishing			0.7704	0.1531	0.5812	0.5786	0.5454
weight-lift			0.9297	0.0281	0.9267	0.9110	0.1226
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wifi-loc			0.9850	0.0075	0.9854	0.9800	0.0341
wilt			0.9420	0.0580	0.5891	0.1517	0.5927
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5157	0.1614	0.2467	0.2288	0.5026
winequality-white			0.5112	0.1396	0.2643	0.2317	0.5220
winnipeg			0.9836	0.0047	0.9747	0.9792	0.0492
winnipeg10%			0.9825	0.0050	0.9802	0.9779	0.0451
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.9375	0.0083	0.9164	0.9328	0.0137
yeast			0.5203	0.0959	0.3786	0.3906	0.4318
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.7155	0.4272	0.5783
yeastME1			0.9662	0.0338	0.7787	0.5293	0.5593
yeastME2			0.9324	0.0676	0.6251	0.2503	0.6337
zip			0.9075	0.0185	0.8997	0.8963	0.1357

Table 96: Detailed results for LDWD(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1542	0.0806	0.0812	0.0569	0.4623
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8592	0.1408	0.7975	0.5860	0.5790
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7524	0.0990	0.2552	0.3776	0.2172
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8558	0.1442	0.8398	0.6778	0.5580
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9360	0.0320	0.6830	0.8757	0.1567
anuran-genus		0.9416	0.0146	0.7591	0.9027	0.1643
anuran-species		0.9444	0.0111	0.8056	0.9222	0.0971
anxiety		0.0917	0.2019	0.0905	-0.0242	0.8313
apple-quality		0.7300	0.2700	0.7317	0.4600	0.7710
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.7111	0.0578	0.4025	0.4846	0.2364

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.8873	0.1127	0.6836	0.2263	0.3990
audiology		0.9091	0.0165	0.9441	0.8932	0.0533
audit-risk		0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7500	0.1000	0.6879	0.6599	0.1996
avila		0.5141	0.0810	0.2459	0.2639	0.3457
babies		0.4435	0.1590	0.1447	0.1177	0.4336
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.9128	0.0872	0.7583	0.5080	0.5672
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8928	0.7765	0.3794
basehock		0.9497	0.0503	0.9501	0.8995	0.2604
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9973	0.0027	0.9176	0.8320	0.2013
biodeg		0.8857	0.1143	0.8803	0.7600	0.4858
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5843	0.2078	0.5727	0.4458	0.5027
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0667	0.6525	0.6970	0.0841
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8563	0.0718	0.6118	0.6843	0.2181
card		0.8551	0.1449	0.8513	0.7026	0.5548
cardiotocography		0.7653	0.0469	0.6529	0.7147	0.2105
cardiotocography-nsp		0.8779	0.0814	0.7631	0.6641	0.4193
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5467	0.4084	0.5899
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.7462	0.2538	0.7443	0.4884	0.7571
cas_N6512_RDkit_AtomPair_FP		0.7423	0.2577	0.7401	0.4796	0.7620
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7569	0.2431	0.7553	0.5105	0.7404
cas_N6512_rdkit_FEATMORGAN		0.7512	0.2488	0.7491	0.4978	0.7490
cas_N6512_RDkit_FP		0.7469	0.2531	0.7451	0.4900	0.7559
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.7634	0.2366	0.7616	0.5195	0.7204
cas_N6512_RDkit_MACCS_FP		0.7699	0.2301	0.7687	0.5374	0.7190
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7969	0.2031	0.7956	0.5912	0.6715
cas_N6512_RDkit_pattern_FP		0.7883	0.2117	0.7874	0.5748	0.6868
cas_N6512_rdkit_RDKITFP		0.7327	0.2673	0.7313	0.4626	0.7771
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.9663	0.0337	0.7236	0.3978	0.4194
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.7971	0.5940	0.6589
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6348	0.1761	0.5943
churn-bigml		0.8727	0.1273	0.6906	0.2265	0.3829
ci900367j_MACCS		0.7263	0.2737	0.7063	0.4122	0.7978
circles		0.0970	0.0181	0.0950	0.0879	0.2433
cirrhosis		0.8333	0.1111	0.5683	0.6644	0.2997
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7722	0.1139	0.4954	0.6258	0.2931
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4830	0.3447	0.3552	0.1415	0.6177
cnae-9		0.9722	0.0062	0.9729	0.9688	0.0312
codon_usage		0.8557	0.0262	0.6629	0.8237	0.2167
coil20		0.9653	0.0035	0.9669	0.9634	0.0246
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.4600	0.0720	0.3505	0.3965	0.2332
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7586	0.2414	0.5904	0.1288	0.7232
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7668	0.2332	0.7668	0.5336	0.7230
coupon		0.6861	0.3139	0.6767	0.3516	0.8408
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9473	0.0527	0.8822	0.7599	0.3618

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9457	0.0543	0.7531	0.4794	0.4744
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8793	0.0402	0.6571	0.7398	0.2510
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1562	0.0422	0.0887	0.1351	0.1335
cybersecurity		0.1633	0.2789	0.1649	-0.0067	0.8740
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.6481	0.3519	0.6471	0.2924	0.8747
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8187	0.1813	0.6949	0.3263	0.6017
defect		0.8889	0.1111	0.7656	0.4511	0.3846
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9011	0.0989	0.7203	0.4180	0.5798
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7667	0.2333	0.6622	0.3171	0.7815
diabetes		0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5588	0.2941	0.3433	0.0684	0.4115
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8667	0.0667	0.6913	0.8112	0.1135
diamonds_all		0.6383	0.1447	0.5044	0.4636	0.4040
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5833	0.4167	0.5714	0.1429	0.9438
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5718	0.4282	0.5687	0.1367	0.9518
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7585	0.1610	0.6451	0.5831	0.4424
drug-01		0.4096	0.1687	0.1485	0.0764	0.5199
drug-02		0.5213	0.1368	0.2162	0.1045	0.4541
drug-03		0.6915	0.0881	0.1172	0.0096	0.1975
drug-04		0.5426	0.1307	0.2002	0.1076	0.4242
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.2374	0.2558	0.4823
drug-07		0.4681	0.1520	0.1414	0.0935	0.3502
drug-08		0.5532	0.1277	0.1650	0.0540	0.3478
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.1538	0.1375	0.3501
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5851	0.1185	0.1597	0.1248	0.4102
drug-14		0.5798	0.1201	0.2111	0.2118	0.4539
drug-15		0.7553	0.0699	0.1237	0.0222	0.2430
drug-16		0.5957	0.1155	0.2651	0.2923	0.3685

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-17		0.3511	0.1854	0.1534	0.0993	0.5487
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9221	0.0223	0.9351	0.9058	0.1269
ecoli		0.8529	0.0490	0.7162	0.7962	0.1645
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2300	0.3850	0.2612	-0.0272	0.7633
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6208	0.3792	0.6231	0.1844	0.7628
eeg10%		0.3164	0.0854	0.2327	0.2386	0.5332
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6164	0.1534	0.5781	0.4957	0.4067
euthyroid		0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5225	0.4775	0.5323	0.0375	0.8110
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.8130	0.0220	0.7098	0.7847	0.1179
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9231	0.0385	0.9071	0.8932	0.0993
gas		0.9914	0.0029	0.9915	0.9895	0.0229
gastrointestinal		0.6875	0.2083	0.6333	0.4872	0.5512
gender		0.5874	0.2751	0.3318	0.0013	0.3638
gene		0.9117	0.0589	0.9025	0.8590	0.2468
german		0.7600	0.2400	0.7271	0.4015	0.6372
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.5101	0.4899	0.3378	0.0000	0.5269
glass		0.5714	0.1429	0.5806	0.3903	0.3236
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.4667	0.2667	0.4656	0.2547	0.4418
gsalc		0.7778	0.0741	0.8470	0.7313	0.1151
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.7396	0.1042	0.7296	0.6691	0.4014
har70		0.7617	0.0681	0.3895	0.6129	0.1538
har701%		0.7602	0.0685	0.3864	0.6103	0.1530
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.6620	0.0563	0.2254	0.5129	0.2242
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.8387	0.1613	0.8369	0.6723	0.5819
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.8520	0.1480	0.8261	0.6516	0.5876
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6600	0.3400	0.6577	0.3090	0.8567
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1690	0.0968	0.3480
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.4262	0.2800	0.5134
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5801	0.2799	0.5844	0.3715	0.6475
htru2		0.9804	0.0196	0.9389	0.8746	0.1719
hypothyroid		0.9337	0.0332	0.5211	0.4792	0.2126
hypothyroidT		0.9655	0.0345	0.8668	0.6944	0.1058
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9367	0.0317	0.9379	0.9156	0.1248
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.8000	0.1333	0.7722	0.6939	0.2545
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8182	0.1818	0.6381	0.1391	0.5043
jvowels		0.9317	0.0152	0.9260	0.9226	0.1024
kc1		0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot		0.8667	0.1333	0.8696	0.7059	0.3322
kc1-class-level-numericdefect		0.6923	0.1231	0.3687	0.3158	0.2965
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7500	0.2500	0.5148	0.0231	0.8187
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.0526	0.9474	0.0500	0.0000	0.1368
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.8452	0.1032	0.7936	0.7438	0.2473
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2781	0.0802	0.1615	0.1707	0.5126
krvskp		0.9624	0.0376	0.9627	0.9247	0.2102
la2s-wc		0.8775	0.0408	0.8699	0.8441	0.1827
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7647	0.0205	0.7769	0.7536	0.0576
led24		0.6500	0.0778	0.6106	0.6011	0.1596
lenses		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
letter		0.6835	0.0243	0.6801	0.6708	0.2909
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.7222	0.0370	0.7069	0.7022	0.1126
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.9251	0.0749	0.9199	0.8397	0.3628
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.3513	0.1179	0.0926	0.1272	0.4484
lrs		0.8679	0.0377	0.6445	0.8158	0.0917
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.9286	0.0476	0.9513	0.8716	0.1460
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5846	0.4154	0.5853	0.1692	0.9378
magic04		0.7859	0.2141	0.7572	0.5068	0.6947
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.9062	0.0938	0.7888	0.5404	0.4428
maternal		0.6436	0.2376	0.6503	0.4502	0.5328
math		0.7000	0.1500	0.5609	0.5122	0.3160
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2433	0.3027	0.2482	0.0525	0.8306
messidor		0.7391	0.2609	0.7418	0.4789	0.7540
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.6206	0.6842	0.2355
meter-D		0.8333	0.0833	0.6702	0.7621	0.1321
mfeat-fac		0.9750	0.0050	0.9754	0.9722	0.0289
mfeat-fou		0.8000	0.0400	0.7969	0.7778	0.1650
mfeat-kar		0.9550	0.0090	0.9567	0.9500	0.0537
mfeat-mor		0.7050	0.0590	0.7045	0.6722	0.2260
mfeat-pix		0.9650	0.0070	0.9656	0.9611	0.0416
mfeat-zer		0.8400	0.0320	0.8335	0.8222	0.1061
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8774	0.0818	0.8846	0.8155	0.2699
mines		0.5000	0.2000	0.4135	0.3724	0.3912
mobile		0.5455	0.0162	0.4871	0.5372	0.1836
monks-1		0.6182	0.3818	0.6203	0.2326	0.8914
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
musk		0.9470	0.0530	0.8931	0.7683	0.2217
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7146	0.2854	0.7059	0.4118	0.8071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.7614	0.2386	0.7517	0.4998	0.7305
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.7760	0.2240	0.7684	0.5365	0.7131
MUT_ci300400a_rdkit_descriptors		0.7907	0.2093	0.7849	0.5693	0.6852
myocardial		0.8824	0.0294	0.3530	0.4018	0.0941
naticusdroid		0.9628	0.0372	0.9629	0.9257	0.2123
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8681	0.0139	0.2158	0.5877	0.1803
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6456	0.3544	0.6428	0.2850	0.8849
NHANES_age_prediction		0.9956	0.0044	0.9919	0.9837	0.0848
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.9182	0.0409	0.6975	0.8788	0.1229
obesity		0.7062	0.0840	0.6989	0.6570	0.2929
obs		0.7778	0.1111	0.8226	0.6701	0.2797
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9891	0.0054	0.9620	0.9670	0.0360
oh0-wc		0.8515	0.0297	0.8494	0.8292	0.1395
oh10-wc		0.6952	0.0610	0.6941	0.6527	0.2786
oh15-wc		0.6957	0.0609	0.6609	0.6523	0.2745
oh5-wc		0.7363	0.0527	0.7464	0.7007	0.2340
olive		0.9298	0.0156	0.9215	0.9118	0.0463
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9537	0.0093	0.9552	0.9486	0.0668
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.1000	0.0450	0.0195	0.0769	0.2738
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8402	0.1598	0.8294	0.6554	0.5996
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9580	0.0168	0.6635	0.7295	0.1221
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.8009	0.1991	0.7951	0.5872	0.6668
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.8769	0.1231	0.8440	0.6864	0.5325
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia		0.8824	0.0336	0.8069	0.8547	0.0910
pendigits		0.9217	0.0157	0.9215	0.9130	0.1122
period		0.8889	0.1111	0.8784	0.7273	0.2846

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.8134	0.1866	0.7978	0.5924	0.6435
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9100	0.0900	0.8992	0.7831	0.3023
phishing			0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%			0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.5337	0.1332	0.5165	0.4575	0.3081
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.5643	0.1245	0.5413	0.4879	0.3920
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7815	0.2185	0.7229	0.4444	0.7429
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.9824	0.0118	0.9664	0.9438	0.0954
placement			0.7980	0.2020	0.7928	0.5857	0.6740
plant-growth			0.7368	0.2632	0.7531	0.4809	0.6961
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4907	0.1455	0.1338	-0.0068	0.2770
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9323	0.0677	0.6695	0.0445	0.1696
polya			0.7859	0.2141	0.7609	0.5175	0.7002
popularity			0.6620	0.2253	0.4078	0.1720	0.4404
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6353	0.2647	0.8828
prestige			0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor			0.4848	0.0793	0.3856	0.4234	0.2468
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7612	0.2388	0.7293	0.4586	0.7576
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.8286	0.0686	0.7541	0.7664	0.2372
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5038	0.4963	0.5038	0.0075	0.9979
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9785	0.0215	0.9329	0.8604	0.1560
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.7831	0.0173	0.6009	0.7477	0.1321
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9868	0.0132	0.9867	0.9733	0.0892
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6241	0.3759	0.5893	0.1578	0.8730

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8134	0.0622	0.7626	0.7661	0.2048
satimageF			0.9844	0.0156	0.9589	0.9167	0.1403
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9264	0.0210	0.9323	0.9140	0.0860
segmentation			0.8267	0.1733	0.8087	0.6164	0.6280
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8635	0.1365	0.5687	0.0487	0.4933
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8840	0.1160	0.7406	0.4347	0.5189
shuttle			0.9234	0.0219	0.4551	0.7585	0.2057
sick			0.9602	0.0398	0.8172	0.6142	0.3752
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9284	0.0716	0.8965	0.7912	0.4401
skin10%			0.9252	0.0748	0.8905	0.7799	0.4495
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2000	0.3200	0.2011	-0.0019	0.8614
solar-flare			0.7554	0.0815	0.6970	0.6847	0.1851
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9455	0.0545	0.8204	0.6315	0.4435
spambase			0.9152	0.0848	0.9111	0.8202	0.3754
spect			0.8519	0.1481	0.7657	0.5135	0.5964
spectf			0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer			0.3077	0.0513	0.1736	0.2539	0.2465
splice-EI			0.9653	0.0347	0.9553	0.9099	0.2583
splice-IE			0.9085	0.0915	0.8717	0.7432	0.4714
sport-articles			0.8200	0.1800	0.8037	0.5911	0.5877
squash-stored			0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7520	0.1653	0.6968	0.5956	0.4733
steel-b			0.8359	0.1641	0.7227	0.4233	0.6472
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9767	0.9533	0.1586
steel-o			0.7538	0.2462	0.7154	0.3962	0.6954

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-p			0.9179	0.0821	0.6255	0.1729	0.5109
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9005	0.8006	0.3957
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9167	0.0833	0.8521	0.7004	0.4623
stockb			0.9251	0.0499	0.9303	0.8877	0.1258
streaming			0.8020	0.1980	0.7998	0.5995	0.6631
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6400	0.1440	0.3817	0.3905	0.3236
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4100	0.2360	0.1897	0.0679	0.5167
student-weekend			0.4154	0.2338	0.1888	0.1303	0.4525
student-workday			0.6875	0.1250	0.1645	0.0123	0.3402
studentap			0.3846	0.4103	0.2745	0.0000	0.5086
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7928	0.2072	0.7931	0.5763	0.6491
susy10%			0.7904	0.2096	0.7909	0.5712	0.6517
tae			0.4000	0.4000	0.3964	0.1000	0.7207
telco-churn			0.9034	0.0966	0.8740	0.7472	0.4657
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.7805	0.0488	0.7103	0.7261	0.2034
trec12-wc			0.8065	0.0484	0.8519	0.7657	0.1547
trec21-wc			0.9394	0.0242	0.7708	0.8738	0.1263
trec23-wc			0.7619	0.0794	0.7224	0.6884	0.2127
trec31-wc			0.9462	0.0179	0.9505	0.9283	0.0907
trec41-wc			0.9091	0.0182	0.8059	0.8874	0.0858
trec45-wc			0.7971	0.0406	0.7263	0.7610	0.1645
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9231	0.0769	0.9174	0.8349	0.3756
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7910	0.0464	0.8252	0.7551	0.1564
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7381	0.1310	0.7251	0.6515	0.2363
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.4444	0.1010	0.3872	0.3889	0.2438
vowelZ			1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.4030	0.1706	0.3500	0.3019	0.4268
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2133	0.3933	0.2149	-0.0489	0.8830
waveform			0.8400	0.1067	0.8402	0.7600	0.3678
weather-related			0.9692	0.0056	0.9716	0.9651	0.0348
web-phishing			0.8074	0.1284	0.5593	0.6400	0.4094
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9650	0.0175	0.9653	0.9533	0.0753
wilt			0.9752	0.0248	0.8553	0.7016	0.3370
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5975	0.1342	0.2711	0.3434	0.3858
winequality-white			0.5215	0.1367	0.2071	0.2140	0.4107
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7986	0.7992	0.0481
yeast			0.5203	0.1066	0.3578	0.3652	0.3814
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 97: Detailed results for LDWD(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2000	0.0762	0.1307	0.1153	0.4663
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8592	0.1408	0.7975	0.5860	0.5790
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8095	0.0762	0.4496	0.5538	0.2184
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8465	0.1535	0.8294	0.6570	0.5809
anneal		0.9888	0.0045	0.9858	0.9759	0.0146
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9583	0.0209	0.9185	0.9196	0.1201
anuran-genus		0.9764	0.0059	0.9396	0.9611	0.1288
anuran-species		0.9847	0.0031	0.9659	0.9788	0.0471
anxiety		0.1000	0.2000	0.0731	-0.0189	0.6756
apple-quality		0.7300	0.2700	0.7317	0.4600	0.7710
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.6889	0.0622	0.5703	0.4488	0.3112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.8873	0.1127	0.6836	0.2263	0.3990
audiology		0.9091	0.0165	0.9556	0.8937	0.0553
audit-risk		0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0400	0.9064	0.8667	0.0861
avila		0.5692	0.0718	0.4135	0.3551	0.3296
babies		0.4274	0.1636	0.1377	0.0844	0.3777
balance		0.9194	0.0538	0.8845	0.8604	0.3020
bank		0.9128	0.0872	0.7583	0.5080	0.5672
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8928	0.7765	0.3794
basehock		0.9497	0.0503	0.9501	0.8995	0.2604
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9973	0.0027	0.9176	0.8320	0.2013
biodeg		0.8857	0.1143	0.8803	0.7600	0.4858
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6358	0.1821	0.6348	0.5144	0.4942
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.5455	0.1515	0.4706	0.4500	0.1742
bridges		0.8000	0.0667	0.6525	0.6970	0.0841
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9253	0.0374	0.9342	0.8435	0.2244
card		0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography		0.8451	0.0310	0.8125	0.8141	0.1780
cardiotocography-nsp		0.8967	0.0689	0.8118	0.7110	0.3535
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5847	0.4606	0.5339
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.7462	0.2538	0.7443	0.4884	0.7571
cas_N6512_RDkit_AtomPair_FP		0.7423	0.2577	0.7401	0.4796	0.7620
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.7569	0.2431	0.7553	0.5105	0.7404
cas_N6512_rdkit_FEATMORGAN		0.7296	0.2704	0.7274	0.4546	0.7816
cas_N6512_RDkit_Featmorgan_FP		0.7730	0.2270	0.7713	0.5425	0.7136
cas_N6512_RDkit_FP		0.7469	0.2531	0.7451	0.4900	0.7559
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.7634	0.2366	0.7616	0.5195	0.7204
cas_N6512_RDkit_MACCS_FP		0.7699	0.2301	0.7687	0.5374	0.7190
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.7969	0.2031	0.7956	0.5912	0.6715
cas_N6512_RDkit_pattern_FP		0.7883	0.2117	0.7874	0.5748	0.6868
cas_N6512_rdkit_RDKITFP		0.7327	0.2673	0.7313	0.4626	0.7771
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds		0.9663	0.0337	0.7236	0.3978	0.4194
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.7971	0.5940	0.6589
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6348	0.1761	0.5943
churn-bigml		0.8614	0.1386	0.6717	0.0845	0.2804
ci900367j_MACCS		0.6737	0.3263	0.6417	0.2794	0.8631
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.5163	0.5161	0.3788
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7944	0.1028	0.5454	0.6738	0.3170
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4762	0.3492	0.4513	0.1708	0.7577
cnae-9		0.9537	0.0103	0.9544	0.9479	0.0520
codon_usage		0.8841	0.0211	0.7446	0.8588	0.1699
coil20		0.9931	0.0007	0.9937	0.9927	0.0048
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.8600	0.0187	0.7122	0.8454	0.0542
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6897	0.3103	0.6837	0.3587	0.8095
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7644	0.2356	0.7644	0.5288	0.7269
coupon		0.6861	0.3139	0.6767	0.3516	0.8408
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.9473	0.0527	0.8822	0.7599	0.3618
covtypeT		0.9457	0.0543	0.7531	0.4794	0.4744
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9005	0.0332	0.7640	0.7896	0.2708
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.5938	0.0203	0.4318	0.5823	0.0487
cybersecurity		0.1567	0.2811	0.0772	-0.0243	0.5324
cyclopentane		0.6296	0.3704	0.6201	0.2373	0.9000
cylinder-bands		0.7037	0.2963	0.6942	0.3872	0.8199
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8187	0.1813	0.6949	0.3263	0.6017
defect		0.8827	0.1173	0.7477	0.4323	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9011	0.0989	0.7203	0.4180	0.5798
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7667	0.2333	0.6622	0.3171	0.7815
diabetes		0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%		0.5980	0.2680	0.3894	0.1976	0.4776
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6689	0.1324	0.5864	0.5158	0.4019
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5833	0.4167	0.5714	0.1429	0.9438
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5699	0.4301	0.5665	0.1322	0.9530
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7675	0.1550	0.6855	0.6094	0.4601
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5426	0.1307	0.2172	0.0317	0.2839
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.2262	0.2482	0.4942
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5745	0.1216	0.1849	0.0877	0.3055
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.1587	0.1514	0.3519
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6117	0.1109	0.1734	0.2268	0.3807
drug-14		0.5904	0.1170	0.2224	0.2143	0.3906
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.5904	0.1170	0.2429	0.2938	0.3819
drug-17		0.3617	0.1824	0.1702	0.1133	0.5002
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9295	0.0202	0.9414	0.9147	0.1168
ecoli		0.8824	0.0392	0.7367	0.8361	0.1292
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2500	0.3750	0.2579	-0.0024	0.7773
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.6208	0.3792	0.6231	0.1844	0.7628
eeg10%		0.3959	0.0755	0.4128	0.3293	0.5754
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6986	0.1205	0.6828	0.6128	0.3669
euthyroid		0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.7683	0.0273	0.7175	0.7350	0.2211
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.8654	0.0673	0.8284	0.8145	0.2027
gas		0.9942	0.0019	0.9940	0.9930	0.0159
gastrointestinal		0.7500	0.1667	0.6808	0.5817	0.4216
gender		0.5937	0.2709	0.3714	0.1177	0.5122
gene		0.9211	0.0526	0.9122	0.8743	0.2262
german		0.7600	0.2400	0.7271	0.4015	0.6372
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.5101	0.4899	0.3378	0.0000	0.5269
glass		0.7143	0.0952	0.6880	0.5896	0.2365
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage		0.4667	0.2667	0.3781	0.2593	0.4014
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.7946	0.0822	0.7845	0.7388	0.3360
har70		0.7722	0.0651	0.3972	0.6291	0.1354
har701%		0.7717	0.0652	0.3958	0.6285	0.1364
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth		0.6801	0.0533	0.2690	0.5422	0.1853
harth1%		0.4493	0.0918	0.0517	0.0000	0.2692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.2500	0.5000	0.2997	-0.1566	0.7433
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.8520	0.1480	0.8261	0.6516	0.5876
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6600	0.3400	0.6577	0.3090	0.8567
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2857	0.1786	0.1154	0.1195	0.3047
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9309	0.0691	0.8746	0.7484	0.4369
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.4401	0.2632	0.4861
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.5990	0.2673	0.6030	0.3961	0.6343
htru2		0.9804	0.0196	0.9389	0.8746	0.1719
hypothyroid		0.9735	0.0133	0.6659	0.8353	0.1856
hypothyroidT		0.9655	0.0345	0.8668	0.6944	0.1058
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9493	0.0253	0.9506	0.9324	0.0952
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8182	0.1818	0.6381	0.1391	0.5043
jvowels		0.9588	0.0091	0.9566	0.9533	0.0669
kc1		0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.5385	0.1846	0.1556	0.0714	0.4710
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7500	0.2500	0.5148	0.0231	0.8187
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.8755	0.0830	0.8324	0.7941	0.2172
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3062	0.0771	0.2713	0.2113	0.5386
krvskp		0.9624	0.0376	0.9627	0.9247	0.2102
la2s-wc		0.8709	0.0430	0.8618	0.8371	0.2155
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.8529	0.0128	0.8296	0.8452	0.0397

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.6000	0.0889	0.5634	0.5455	0.1947
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.8460	0.0118	0.8464	0.8398	0.1625
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8889	0.0148	0.9142	0.8807	0.0528
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.9251	0.0749	0.9199	0.8397	0.3628
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.4278	0.1040	0.1377	0.1870	0.3767
lrs		0.8868	0.0323	0.6525	0.8427	0.0688
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5846	0.4154	0.5853	0.1692	0.9378
magic04		0.7859	0.2141	0.7572	0.5068	0.6947
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8535	0.7064	0.5488
marketing		0.9062	0.0938	0.7888	0.5404	0.4428
maternal		0.6139	0.2574	0.6126	0.4055	0.5583
math		0.7750	0.1125	0.7302	0.6460	0.3253
mba		0.8355	0.1097	0.3706	0.0336	0.2775
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2233	0.3107	0.1290	0.0198	0.5315
messidor		0.7391	0.2609	0.7418	0.4789	0.7540
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.8674	0.8435	0.1168
meter-D		0.7778	0.1111	0.6252	0.6828	0.2443
mfeat-fac		0.9750	0.0050	0.9755	0.9722	0.0314
mfeat-fou		0.8600	0.0280	0.8624	0.8444	0.1348
mfeat-kar		0.9750	0.0050	0.9767	0.9722	0.0311
mfeat-mor		0.7100	0.0580	0.7126	0.6778	0.2007
mfeat-pix		0.9350	0.0130	0.9366	0.9278	0.0712
mfeat-zer		0.8400	0.0320	0.8421	0.8222	0.0890
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9245	0.0503	0.9272	0.8858	0.1701
mines		0.5000	0.2000	0.4355	0.3738	0.4046
mobile		0.8112	0.0067	0.8205	0.8077	0.0850
monks-1		0.6182	0.3818	0.6203	0.2326	0.8914
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0350	0.1755	0.0061	0.0000	0.3819
musk		0.9470	0.0530	0.8931	0.7683	0.2217
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.7146	0.2854	0.7059	0.4118	0.8071
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.7614	0.2386	0.7517	0.4998	0.7305
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.7760	0.2240	0.7684	0.5365	0.7131
MUT_ci300400a_rdkit_descriptors		0.7907	0.2093	0.7849	0.5693	0.6852
myocardial		0.8765	0.0309	0.2784	0.3719	0.0968
naticusdroid		0.9628	0.0372	0.9629	0.9257	0.2123
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8880	0.0118	0.3117	0.6497	0.1862
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6456	0.3544	0.6428	0.2850	0.8849
NHANES_age_prediction		0.9956	0.0044	0.9919	0.9837	0.0848
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.9313	0.0343	0.8851	0.8990	0.1420
obesity		0.9431	0.0162	0.9419	0.9336	0.0824
obs		0.8611	0.0694	0.9006	0.7881	0.1578
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9931	0.0035	0.9767	0.9790	0.0301
oh0-wc		0.7624	0.0475	0.7277	0.7257	0.2284
oh10-wc		0.6857	0.0629	0.6588	0.6412	0.2895
oh15-wc		0.6087	0.0783	0.6115	0.5554	0.3828
oh5-wc		0.7912	0.0418	0.7912	0.7632	0.1751
olive		0.9649	0.0078	0.9509	0.9565	0.0248
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9804	0.0039	0.9814	0.9782	0.0291
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.1750	0.0413	0.1157	0.1538	0.2859
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8402	0.1598	0.8294	0.6554	0.5996
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9689	0.0124	0.7013	0.8096	0.1083
parkinson		0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons		0.8009	0.1991	0.7951	0.5872	0.6668
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.8769	0.1231	0.8440	0.6864	0.5325
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.7895	0.5789	0.6440

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pediatric-leukemia			0.7941	0.0588	0.7203	0.7421	0.1519
pendigits			0.9800	0.0040	0.9803	0.9777	0.0338
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.8134	0.1866	0.7978	0.5924	0.6435
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.9100	0.0900	0.8992	0.7831	0.3023
phishing			0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%			0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%			0.5812	0.1197	0.5260	0.5096	0.3110
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%			0.7387	0.0747	0.7117	0.6938	0.2525
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7815	0.2185	0.7229	0.4444	0.7429
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.9909	0.0061	0.9839	0.9708	0.0507
placement			0.7980	0.2020	0.7928	0.5857	0.6740
plant-growth			0.7368	0.2632	0.7531	0.4809	0.6961
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7859	0.2141	0.7614	0.5195	0.7025
popularity			0.6643	0.2238	0.4110	0.1907	0.4500
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.6471	0.3529	0.6494	0.2941	0.8709
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.5152	0.0746	0.3903	0.4568	0.2409
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7612	0.2388	0.7293	0.4586	0.7576
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.8612	0.0555	0.8115	0.8137	0.2305
pufs-128			0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5038	0.4963	0.5037	0.0075	0.9978
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9785	0.0215	0.9329	0.8604	0.1560
raisin			0.9222	0.0778	0.9232	0.8444	0.3519
re0-wc			0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc			0.7169	0.0227	0.5427	0.6685	0.1794
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rice			0.9868	0.0132	0.9867	0.9733	0.0892
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6241	0.3759	0.5945	0.1804	0.9016
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8616	0.0461	0.8339	0.8289	0.2001
satimageF			0.9844	0.0156	0.9589	0.9167	0.1403
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.7143	0.1143	0.5455	0.6111	0.0986
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6471	0.3529	0.6481	0.2941	0.8778
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9524	0.0136	0.9569	0.9443	0.0630
segmentation			0.8119	0.1881	0.7927	0.5848	0.6599
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8635	0.1365	0.5687	0.0487	0.4933
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8840	0.1160	0.7406	0.4347	0.5189
shuttle			0.9810	0.0054	0.8281	0.9465	0.1613
sick			0.9602	0.0398	0.8172	0.6142	0.3752
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9284	0.0716	0.8965	0.7912	0.4401
skin10%			0.9252	0.0748	0.8905	0.7799	0.4495
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1800	0.3280	0.0988	-0.0336	0.5504
solar-flare			0.7554	0.0815	0.5817	0.6840	0.1862
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9455	0.0545	0.8204	0.6315	0.4435
spambase			0.9152	0.0848	0.9111	0.8202	0.3754
spect			0.8519	0.1481	0.7657	0.5135	0.5964
spectf			0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer			0.7500	0.0185	0.6230	0.7352	0.0697
splice-EI			0.9653	0.0347	0.9553	0.9099	0.2583
splice-IE			0.9085	0.0915	0.8717	0.7432	0.4714
sport-articles			0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7643	0.1572	0.7178	0.6183	0.4554
steel-b			0.8359	0.1641	0.7227	0.4233	0.6472
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-k			0.9744	0.0256	0.9622	0.9235	0.2378
steel-o			0.7538	0.2462	0.7154	0.3962	0.6954
steel-p			0.9179	0.0821	0.6618	0.2948	0.5925
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9167	0.0833	0.8498	0.6905	0.4335
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8020	0.1980	0.7996	0.5992	0.6630
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6400	0.1440	0.3534	0.3996	0.3945
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4200	0.2320	0.1939	0.0782	0.4587
student-weekend			0.4000	0.2400	0.2072	0.1256	0.5168
student-workday			0.6875	0.1250	0.1630	-0.0248	0.2966
studentap			0.5385	0.3077	0.4097	0.2500	0.4742
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7928	0.2072	0.7931	0.5763	0.6491
susy10%			0.7904	0.2096	0.7909	0.5712	0.6517
tae			0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn			0.9034	0.0966	0.8740	0.7472	0.4657
texture			1.0000	0.0000	1.0000	1.0000	0.0000
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.7561	0.0542	0.6589	0.6906	0.2102
trec12-wc			0.8710	0.0323	0.8928	0.8416	0.0900
trec21-wc			0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc			0.7143	0.0952	0.6173	0.6250	0.2708
trec31-wc			0.9462	0.0179	0.9309	0.9287	0.1267
trec41-wc			0.8636	0.0273	0.6943	0.8293	0.1259
trec45-wc			0.7536	0.0493	0.7125	0.7081	0.1905
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.8250	0.0875	0.8404	0.7667	0.2030
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.9231	0.0769	0.9174	0.8349	0.3756
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7761	0.0498	0.8010	0.7368	0.1490
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7500	0.1250	0.7441	0.6678	0.2322
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6061	0.0716	0.6383	0.5667	0.2005

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vowelZ			0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.6682	0.0948	0.6572	0.6112	0.3630
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.6862	0.0897	0.6807	0.6332	0.3261
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2700	0.3650	0.1758	0.0208	0.5673
waveform			0.8440	0.1040	0.8442	0.7660	0.3590
weather-related			0.0635	0.1703	0.0109	0.0000	0.3962
web-phishing			0.8074	0.1284	0.6769	0.6497	0.4911
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9752	0.0248	0.8553	0.7016	0.3370
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5786	0.1405	0.2680	0.3079	0.4011
winequality-white			0.5194	0.1373	0.2351	0.2121	0.4141
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5203	0.1066	0.4002	0.3823	0.3567
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 98: Detailed results for LF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1487	0.0587	0.0899	0.0659	0.5510
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9850	0.0150	0.7252	0.2900	0.1420
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.9482	0.0518	0.8916	0.7831	0.4035
adult		0.8557	0.1443	0.7921	0.5817	0.6131
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_KlekotaRothFingerprinter		0.5238	0.4762	0.5481	0.0476	0.4273
AID_1431_MACCSFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878		0.7619	0.2381	0.5327	0.0622	0.8294
AID_602330		0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128		0.8586	0.0943	0.3080	-0.0312	0.3708
AID1284Morered		0.5833	0.4167	0.5661	0.0940	0.6115
AID1284red		0.8333	0.1667	0.5863	0.1628	0.7500
AID1608Morered		0.8155	0.1845	0.5513	0.0876	0.5779
AID1608red		0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		0.2857	0.7143	0.2222	-0.2963	0.6098
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9998	0.0002	0.9850	0.9696	0.0014
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.2500	0.7500	0.2452	-0.4423	0.9289
AID644red		0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red		0.9945	0.0055	0.6862	0.1939	0.1536
aids		0.9014	0.0986	0.8605	0.7123	0.4372
air_pollution		0.3933	0.1733	0.1354	-0.0014	0.4891
air-booking		0.8508	0.1492	0.6060	0.1325	0.5850
airline		0.9624	0.0376	0.9619	0.9232	0.2056
alcohol		0.8857	0.0457	0.6275	0.7418	0.1257
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9535	0.0465	0.9489	0.8976	0.2582
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9861	0.0070	0.9509	0.9734	0.0355
anuran-genus		0.9805	0.0049	0.9421	0.9678	0.0932
anuran-species		0.9889	0.0022	0.9824	0.9845	0.0162
anxiety		0.1333	0.1926	0.1346	0.0228	0.8102
apple-quality		0.8675	0.1325	0.8675	0.7350	0.5185
aps-failure		0.9943	0.0057	0.9146	0.8245	0.1931
arabidopsis		0.9921	0.0079	0.6729	0.0314	0.0317
arabidopsis0.1%		0.7912	0.2088	0.5321	0.0107	0.1040
arabidopsis1%		0.9918	0.0082	0.4979	-0.0006	0.2035
arabidopsis10%		0.9920	0.0080	0.6000	0.0072	0.0615

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.6222	0.0581	0.2799	0.3995	0.2994
auction		0.9951	0.0049	0.9889	0.9776	0.0238
audiology		0.8696	0.0109	0.4015	0.8487	0.0376
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		0.6364	0.3636	0.5681	0.1200	0.8836
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.9655	0.0345	0.9665	0.9308	0.1598
autos		0.9000	0.0333	0.7230	0.8676	0.0699
avila		0.9952	0.0008	0.9943	0.9938	0.0113
babies		0.3952	0.1728	0.1662	0.0748	0.5522
balance		0.8548	0.0968	0.6087	0.7397	0.3774
bank		0.9116	0.0884	0.7695	0.5380	0.5895
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9124	0.0876	0.9051	0.8039	0.3561
basehock		0.8844	0.1156	0.8844	0.7688	0.4752
bio		0.9974	0.0026	0.9207	0.8335	0.1131
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8667	0.1333	0.8603	0.7200	0.5345
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0010	0.0491	0.0457	0.0578
bitcoin10%		0.9885	0.0008	0.1266	0.3924	0.1768
body-perf		0.7336	0.1332	0.7355	0.6448	0.4050
bookings		0.9919	0.0054	0.8312	0.9828	0.0816
brain-tumor		0.4875	0.5125	0.4875	-0.0250	1.0000
breast-cancer		0.7143	0.2857	0.6500	0.3000	0.8322
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.9000	0.0286	0.6767	0.8571	0.0295
bub10at310k-hg16-17		0.9224	0.0776	0.7157	0.3959	0.5270
bub12at310k-hg16-17		0.9154	0.0873	0.6435	0.0674	0.2795
bub8at310k-hg16-17		0.9029	0.0878	0.6635	0.0517	0.2172
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4410	0.3727	0.3013	-0.0381	0.6209
car		0.9885	0.0057	0.9789	0.9755	0.1021
car-insurance		0.8460	0.1540	0.8210	0.6419	0.6048
card		0.8696	0.1304	0.8695	0.7361	0.5115
cardiotocography		0.8920	0.0216	0.8937	0.8705	0.1318
cardiotocography-nsp		0.9484	0.0344	0.8996	0.8507	0.1531
cardiovascular		0.7165	0.2836	0.7165	0.4329	0.7990
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8250	0.1167	0.7690	0.6875	0.4235
cas_N6512_cdk_ECFP2		0.7696	0.2304	0.7676	0.5345	0.7182
cas_N6512_rdkit_ATOMPAIR		0.7462	0.2538	0.7443	0.4884	0.7571
cas_N6512_RDkit_AtomPair_FP		0.7623	0.2377	0.7602	0.5191	0.7286
cas_N6512_rdkit_AVALON		0.8080	0.1920	0.8066	0.6131	0.6503
cas_N6512_RDkit_Avalon_FP		0.8114	0.1887	0.8108	0.6213	0.6432
cas_N6512_rdkit_descriptors		0.7985	0.2015	0.7974	0.5948	0.6685
cas_N6512_rdkit_FEATMORGAN		0.7711	0.2289	0.7697	0.5393	0.7172
cas_N6512_RDkit_Featmorgan_FP		0.7761	0.2239	0.7743	0.5482	0.7078
cas_N6512_RDkit_FP		0.7653	0.2347	0.7635	0.5269	0.7264
cas_N6512_rdkit_LAYERED		0.7969	0.2031	0.7963	0.5924	0.6706
cas_N6512_RDkit_Layered_FP		0.7699	0.2301	0.7680	0.5354	0.7176
cas_N6512_rdkit_MACCS		0.8172	0.1828	0.8158	0.6305	0.6285

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.8052	0.1948	0.8053	0.6097	0.6532
cas_N6512_rdkit_MORGAN		0.7692	0.2308	0.7673	0.5339	0.7187
cas_N6512_RDkit_morgan_FP		0.8037	0.1963	0.8021	0.6037	0.6570
cas_N6512_rdkit_PATTERN		0.7954	0.2046	0.7949	0.5894	0.6732
cas_N6512_RDkit_pattern_FP		0.7853	0.2147	0.7841	0.5682	0.6926
cas_N6512_rdkit_RDKITFP		0.7496	0.2504	0.7481	0.4963	0.7518
cas_N6512_rdkit_TORSION		0.7662	0.2338	0.7646	0.5291	0.7254
ccds1%		0.8077	0.1923	0.5143	0.0173	0.3829
ccds10%		0.9630	0.0370	0.6780	0.0665	0.1082
cdc_diabetes		0.8402	0.1065	0.4245	0.2183	0.4641
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7306	0.2694	0.7207	0.4361	0.7732
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9683	0.0317	0.7834	0.5503	0.4331
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.6502	0.2471	0.5031
CDS49_AID687_Rdkit-ecfp4-fp		0.9970	0.0030	0.4992	-0.0010	0.4761
census		0.9559	0.0441	0.7872	0.5535	0.4303
census10%		0.9473	0.0562	0.6963	0.3991	0.5657
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9651	0.0349	0.8269	0.6485	0.5273
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9422	0.0289	0.9390	0.9138	0.1384
chrom19		0.9998	0.0002	0.9482	0.8946	0.1263
chrom191%		0.9994	0.0006	0.9090	0.7997	0.4644
chrom1910%		0.9995	0.0005	0.8830	0.7645	0.3109
chrom21		0.9998	0.0002	0.4999	-0.0001	0.4657
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9997	0.0003	0.4999	-0.0001	0.5015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8590	0.1410	0.7597	0.4992	0.5895
churn-bigml		0.9513	0.0487	0.8978	0.7735	0.1434
ci900367j_MACCS		0.7474	0.2526	0.7289	0.4574	0.7669
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7857	0.1429	0.5388	0.5521	0.3151
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8333	0.0833	0.7133	0.7363	0.3243
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5442	0.3039	0.5168	0.2826	0.7026
cnae-9		0.7500	0.0556	0.7602	0.7188	0.2584
codon_usage		0.9348	0.0119	0.7801	0.9204	0.0882
coil20		0.9236	0.0076	0.9291	0.9196	0.0489
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.5400	0.0613	0.4570	0.4929	0.2611
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2		0.7586	0.2414	0.7361	0.4587	0.7218
colposcopies-3		0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8387	0.1075	0.7853	0.7359	0.2503
comedy_comparisons1%		0.5154	0.4846	0.5170	0.0337	0.9868
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cottonmeloidogyne		0.7909	0.2091	0.7911	0.5818	0.6802
coupon		0.7815	0.2185	0.7760	0.5508	0.6995
covid19		0.5327	0.1335	0.2133	0.1790	0.6033
covtype		0.9727	0.0078	0.9529	0.9561	0.0877
covtype10%		0.9127	0.0249	0.8484	0.8584	0.2082
covtypeCD		0.9930	0.0070	0.9852	0.9703	0.0842
covtypeT		0.9862	0.0138	0.9457	0.8909	0.2052
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9996	0.0004	0.9347	0.8634	0.0758
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9521	0.0160	0.8831	0.9000	0.1069
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4688	0.0266	0.3384	0.4538	0.0819
customer-churn		0.9794	0.0206	0.7236	0.4446	0.5309
cybersecurity		0.1400	0.2867	0.1425	-0.0330	0.8999
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.3704	0.6296	0.3859	-0.2063	1.0000
darwin		0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0980	0.1804	0.0979	-0.0023	0.9311
day1%		0.9797	0.0206	0.9827	0.9414	0.1483
dbworld		0.5714	0.4286	0.6818	0.2222	0.5283
default		0.8240	0.1760	0.7134	0.4046	0.6666
defect		0.9599	0.0401	0.9227	0.8399	0.2297
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9073	0.0927	0.7573	0.5101	0.5893
depressed		0.8322	0.1678	0.5942	0.0997	0.5748
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.6525	0.4146	0.3469
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7500	0.2500	0.6593	0.3182	0.8034
diabetes		0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k		0.9685	0.0315	0.8906	0.7624	0.1783
diabetes-risk		0.9155	0.0845	0.8679	0.7346	0.4592
diabetic		0.5887	0.2742	0.4628	0.2157	0.6136
diabetic1%		0.3824	0.4118	0.3192	-0.0375	0.8174
diabetic10%		0.5216	0.3189	0.3703	0.0993	0.7236
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7913	0.0835	0.7868	0.7044	0.3165
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.6118	0.0057	0.0322
dorothea		0.9130	0.0870	0.6741	0.2552	0.4630
dota2		0.5981	0.4019	0.5955	0.1903	0.9303
dota210%		0.5602	0.4398	0.5572	0.1139	0.9611
drebin		0.9927	0.0073	0.9921	0.9843	0.0591
dropout		0.7540	0.1640	0.6655	0.5849	0.4803
drug-01		0.3670	0.1809	0.1724	0.0357	0.6351
drug-02		0.5213	0.1368	0.2393	0.1831	0.5879
drug-03		0.6862	0.0897	0.1859	0.0991	0.3360
drug-04		0.5319	0.1337	0.2211	0.1328	0.5357

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.7287	0.0775	0.1204	-0.0081	0.2227
drug-06		0.4096	0.1687	0.2650	0.2567	0.5375
drug-07		0.4149	0.1672	0.1405	0.0425	0.5118
drug-08		0.5585	0.1261	0.2142	0.1868	0.4782
drug-09		0.8723	0.0365	0.1960	0.0699	0.1044
drug-10		0.5372	0.1322	0.1613	0.1392	0.5042
drug-11		0.8511	0.0426	0.1766	0.0549	0.2135
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6011	0.1140	0.1727	0.2216	0.4644
drug-14		0.6011	0.1140	0.2884	0.2925	0.5254
drug-15		0.7500	0.0714	0.1963	0.0586	0.3739
drug-16		0.5585	0.1261	0.2236	0.2586	0.4642
drug-17		0.3404	0.1885	0.2316	0.0970	0.5873
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1529	0.0221	0.2388
drybean		0.9236	0.0218	0.9376	0.9076	0.1238
ecoli		0.8235	0.0441	0.5038	0.7542	0.1342
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.2699	0.0264	0.8352
eeg		0.5761	0.0530	0.5882	0.5289	0.4882
eeg-eye		0.9266	0.0734	0.9259	0.8509	0.3424
eeg10%		0.4569	0.0679	0.4321	0.3951	0.5214
email_phishing		0.9905	0.0095	0.7749	0.4770	0.2185
eucalyptus		0.6712	0.1315	0.6555	0.5786	0.3705
euthyroid		0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq		0.9842	0.0158	0.9842	0.9683	0.1099
exon.vs.intron-freq10%		0.9652	0.0348	0.9651	0.9303	0.2025
fakenews		0.5450	0.4550	0.5448	0.0895	0.9716
farm-ads		0.6594	0.3406	0.6593	0.3182	0.8682
fbis-wc		0.3130	0.0808	0.2988	0.2323	0.6516
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.8235	0.1765	0.8221	0.6394	0.6034
financial-risk		0.9205	0.0265	0.7002	0.8733	0.1564
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.5500	0.1125	0.2941	0.4118	0.3251
fonts		0.4732	0.0071	0.1433	0.4251	0.3591
fonts10%		0.7121	0.0038	0.4675	0.6971	0.2714
forest		0.9038	0.0481	0.8815	0.8661	0.1084
gas		0.9928	0.0024	0.9924	0.9913	0.0210
gastrointestinal		0.7500	0.1667	0.6808	0.5817	0.4216
gender		0.5811	0.2793	0.4275	0.1050	0.5993
gene		0.9369	0.0421	0.9318	0.8994	0.1999
german		0.7700	0.2300	0.7394	0.4307	0.6260
gestures		0.9409	0.0295	0.9412	0.9212	0.1410
gina		0.8790	0.1210	0.8797	0.7575	0.4810
gisette		0.9243	0.0757	0.9243	0.8486	0.3576
glass		0.7619	0.0794	0.7135	0.6635	0.2371
glass-g2		0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP		0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8571	0.1429	0.8547	0.7085	0.5490
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.6000	0.2000	0.6336	0.4479	0.4083
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.9753	0.0041	0.8882	0.9708	0.0256
har		0.9954	0.0018	0.9949	0.9942	0.0138
har70		0.9377	0.0178	0.7035	0.9070	0.1220
har701%		0.9274	0.0207	0.5919	0.8921	0.1084
har7010%		0.9318	0.0195	0.6427	0.8982	0.1197
harth1%		0.8757	0.0207	0.6254	0.8300	0.1769
harth10%		0.8912	0.0181	0.6706	0.8515	0.1804
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure		0.9880	0.0120	0.9861	0.9720	0.0782
heart-quantum		0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8610	0.1390	0.8614	0.7220	0.5319
hepmass10%		0.8672	0.1328	0.8676	0.7345	0.5169
hERG-121inputs		0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs		0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.7583	0.2417	0.7572	0.5144	0.7377
higgs0.1%		0.7073	0.2927	0.7057	0.4112	0.8122
higgs1%		0.7175	0.2825	0.7159	0.4315	0.7983
higgs10%		0.7390	0.2610	0.7378	0.4756	0.7675
higher		0.3571	0.1607	0.2679	0.2364	0.2540
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.8438	0.1562	0.8590	0.6800	0.3799
hiv1-proteasa		0.9039	0.0961	0.8155	0.6195	0.4945
hiva		0.9551	0.0449	0.5462	0.0765	0.5927
horse		0.6111	0.2593	0.5632	0.3105	0.6170
hotel-reservartions		0.9159	0.0841	0.9035	0.8059	0.3953
hr		0.8491	0.1509	0.4592	-0.0261	0.5967
ht-sensor		1.0000	0.0000	1.0000	0.9999	0.0003
ht-sensor10%		0.9994	0.0004	0.9994	0.9990	0.0037
htru2		0.9788	0.0212	0.9345	0.8681	0.2432
hypothyroid		0.9947	0.0027	0.7387	0.9684	0.0764
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.7458	0.2542	0.6570	0.2937	0.7766
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9740	0.0130	0.9745	0.9653	0.0553
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9268	0.0056	0.9282	0.9239	0.0697
jm1		0.8310	0.1690	0.6840	0.3346	0.6620
jvowels		0.9880	0.0027	0.9873	0.9863	0.0225
kc1		0.8720	0.1280	0.7137	0.3863	0.5769
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.4286	0.0476	0.0294	0.0820	0.2030
kc1-class-level-top5percentDF		0.8000	0.2000	0.4444	-0.0976	0.5661

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc2		0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007		0.1571	0.2107	0.1339	0.0179	0.7832
kddcup981%		0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%		0.6147	0.3853	0.5159	0.0133	0.3312
kddcup991%		0.9988	0.0001	0.5113	0.9979	0.0051
kddcup9910%		0.9998	0.0000	0.6884	0.9997	0.0147
kepler		0.8881	0.0746	0.8473	0.8154	0.2053
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.8841	0.0129	0.8993	0.8706	0.1399
krvskp		0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc		0.7429	0.0857	0.7404	0.6806	0.3927
la2s-wc		0.7815	0.0728	0.7700	0.7260	0.3413
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7941	0.0103	0.4494	0.7838	0.0444
led24		0.6500	0.0700	0.6222	0.6067	0.1603
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9600	0.0031	0.9601	0.9584	0.0474
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8611	0.0185	0.8719	0.8505	0.0600
linkage		1.0000	0.0000	0.9994	0.9988	0.0029
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7353	0.2647	0.7218	0.4354	0.7621
loan		0.9883	0.0117	0.9876	0.9749	0.0628
localization		0.7711	0.0416	0.5689	0.7099	0.3931
localization10%		0.6899	0.0564	0.4120	0.6025	0.4619
lrs		0.8113	0.0377	0.4276	0.7394	0.1596
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6582	0.3077	0.8482
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.6731	0.3269	0.6750	0.3462	0.8445
magic04		0.8848	0.1152	0.8718	0.7413	0.4773
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7917	0.2083	0.7948	0.5850	0.6661
marketing		0.9062	0.0938	0.7901	0.5542	0.4767
maternal		0.8416	0.1056	0.8454	0.7596	0.3519
math		0.9000	0.0500	0.8712	0.8463	0.1578
mba		0.8065	0.1290	0.3918	0.1608	0.4063
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2300	0.3080	0.2345	0.0362	0.8491
messidor		0.6957	0.3043	0.6885	0.3765	0.8299
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.6702	0.7621	0.1582
meter-D		0.8889	0.0556	0.8711	0.8435	0.1146
mfeat-fac		0.9950	0.0010	0.9951	0.9944	0.0063
mfeat-fou		0.8050	0.0390	0.8053	0.7833	0.1568
mfeat-kar		0.9750	0.0050	0.9754	0.9722	0.0317

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-mor		0.7000	0.0600	0.7014	0.6667	0.2046
mfeat-pix		0.9800	0.0040	0.9801	0.9778	0.0253
mfeat-zer		0.8100	0.0380	0.8106	0.7889	0.1074
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5294	0.1882	0.4986	0.4093	0.4382
mobile		0.8881	0.0040	0.8963	0.8861	0.0517
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9672	0.0328	0.9637	0.9274	0.2074
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4928	0.0922	0.5535	0.3944	0.5315
musk		0.9652	0.0348	0.9310	0.8557	0.1771
MUT_ci300400a_cdk_ECFP2		0.8225	0.1775	0.8175	0.6351	0.6266
MUT_ci300400a_cdk_ECFP4		0.8323	0.1677	0.8267	0.6528	0.6039
MUT_ci300400a_cdk_ECFP6		0.7964	0.2036	0.7888	0.5736	0.6662
MUT_ci300400a_cdk_ESTATE		0.7818	0.2182	0.7733	0.5434	0.6961
MUT_ci300400a_cdk_EXTENDED		0.8513	0.1487	0.8466	0.6930	0.5625
MUT_ci300400a_cdk_FCFP2		0.8287	0.1713	0.8235	0.6470	0.6135
MUT_ci300400a_cdk_FCFP4		0.8309	0.1691	0.8254	0.6505	0.6075
MUT_ci300400a_cdk_FCFP6		0.8381	0.1619	0.8334	0.6667	0.5935
MUT_ci300400a_cdk_MACCS		0.8621	0.1379	0.8578	0.7154	0.5369
MUT_ci300400a_cdk_PUBCHEM		0.8719	0.1281	0.8676	0.7346	0.5097
MUT_ci300400a_cdk_STANDARD		0.8335	0.1665	0.8286	0.6572	0.6035
MUT_ci300400a_rdkit_descriptors		0.8722	0.1278	0.8689	0.7377	0.5101
myocardial		0.8882	0.0279	0.3822	0.4447	0.0907
naticusdroid		0.9727	0.0273	0.9727	0.9454	0.1688
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		1.0000	0.0000	0.6667	1.0000	0.0000
ncRNA		0.9626	0.0039	0.8301	0.8996	0.2478
ncRNA1%		0.9216	0.0083	0.5758	0.7809	0.2533
ncRNA10%		0.9428	0.0060	0.7169	0.8435	0.3325
neo		0.9210	0.0790	0.7461	0.4810	0.5616
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.2227	0.0353	0.3200	0.1894	0.3760
newspop		0.6746	0.3254	0.6724	0.3444	0.8530
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9704	0.0296	0.9636	0.9271	0.1975
NPHA-doctor-visits		0.5139	0.3241	0.4261	0.1216	0.6785
nursery		0.9977	0.0009	0.7986	0.9966	0.0070
obesity		0.9289	0.0203	0.9287	0.9170	0.0965
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9951	0.0049	0.9932	0.9864	0.0645
Occupancy_Estimation		0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc		0.8515	0.0297	0.8688	0.8300	0.1166
oh10-wc		0.6857	0.0629	0.6718	0.6430	0.3011
oh15-wc		0.6957	0.0609	0.6566	0.6540	0.2815
oh5-wc		0.7473	0.0505	0.7532	0.7138	0.2317
ohscal-wc		0.3486	0.1303	0.3354	0.2696	0.7301
olive		0.9649	0.0078	0.9554	0.9565	0.0249
opn310k		0.9241	0.0759	0.7241	0.4152	0.5225
opn310k10%		0.9295	0.0705	0.7394	0.4449	0.4949
opnat310k-hg16-17		0.9275	0.0725	0.7392	0.4464	0.5023
optdigits		0.9644	0.0071	0.9661	0.9604	0.0509
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr		0.9289	0.0711	0.6573	0.2258	0.4618
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8041	0.1959	0.7892	0.5761	0.6729
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7063	0.2937	0.7063	0.4121	0.8115
p53-mutants10%		0.9745	0.0255	0.4935	-0.0056	0.1835
page-blocks		0.9817	0.0073	0.8365	0.8962	0.1480
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.9242	0.0758	0.9190	0.8373	0.3587
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.9377	0.0623	0.9229	0.8458	0.3513
particle10%		0.9354	0.0646	0.9204	0.8408	0.3632
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.6396	0.2671	0.6352
pcmac		0.4948	0.5052	0.4896	-0.0207	0.9923
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.5526	0.4474	0.5384	0.0685	0.8307
pediatric-leukemia		0.8529	0.0420	0.7905	0.8180	0.1056
pendigits		0.9927	0.0015	0.9928	0.9919	0.0134
period		0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.8280	0.1720	0.8139	0.6248	0.6129
personalities		0.9752	0.0031	0.9752	0.9735	0.0448
pet-adoption		0.9500	0.0500	0.9432	0.8843	0.2437
phishing		0.9755	0.0245	0.9743	0.9484	0.1522
PhiUSIIL		0.9994	0.0006	0.9994	0.9987	0.0060
PhiUSIIL10%		0.9962	0.0038	0.9961	0.9922	0.0274
phone-acc0.1%		0.9303	0.0199	0.9253	0.9186	0.0777
phone-acc1%		0.9901	0.0028	0.9893	0.9885	0.0188
phone-acc10%		0.9982	0.0005	0.9980	0.9979	0.0049
phone-gyr0.1%		0.9483	0.0148	0.9436	0.9396	0.0696
phone-gyr1%		0.9834	0.0047	0.9816	0.9806	0.0267
phone-gyr10%		0.9974	0.0007	0.9971	0.9969	0.0061
phoneme		0.9185	0.0815	0.8993	0.7986	0.4168
phy		0.7224	0.2776	0.7224	0.4447	0.7906
pima		0.7368	0.2632	0.7176	0.4154	0.7389
pirvision		0.9987	0.0009	0.9977	0.9959	0.0038
placement		0.7970	0.2030	0.7903	0.5799	0.6738
plant-growth		0.8421	0.1579	0.8582	0.6780	0.3833
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.7404	0.0519	0.3579	0.5148	0.2149
poker1%		0.5922	0.0816	0.1209	0.2269	0.2496
poker10%		0.6740	0.0652	0.2212	0.3857	0.2224
polish-1st		0.9801	0.0199	0.8464	0.6573	0.1924
polish-2nd		0.9666	0.0334	0.7192	0.3789	0.4005
polish-3rd		0.9552	0.0448	0.6699	0.2607	0.4308
polish-4th		0.9612	0.0388	0.7836	0.5580	0.4733
polish-5th		0.9594	0.0406	0.8244	0.6362	0.4001
polya		0.7978	0.2022	0.7748	0.5458	0.6789
popularity		0.6822	0.2119	0.4815	0.2667	0.4717
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.9931	0.0028	0.9930	0.9914	0.0202
pred-tox_mutagen_ref-desc		0.7206	0.2794	0.7207	0.4412	0.7929
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.3939	0.0551	0.2112	0.3340	0.2232
processed		1.0000	0.0000	1.0000	1.0000	0.0000
profb		0.7910	0.2090	0.7691	0.5370	0.7030

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
promoters			0.7000	0.3000	0.6784	0.3478	0.8165
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9964	0.0014	0.9936	0.9952	0.0128
puc-rio10%			0.9916	0.0034	0.9837	0.9887	0.0245
pufs-128			0.4998	0.5002	0.4998	-0.0004	1.0000
pufs-1281%			0.4977	0.5023	0.4977	-0.0047	1.0000
pufs-12810%			0.5001	0.4999	0.5001	0.0003	0.9999
pufs-64			0.5002	0.4998	0.5002	0.0004	0.9999
pufs-641%			0.4775	0.5225	0.4775	-0.0450	1.0000
pufs-6410%			0.4992	0.5008	0.4992	-0.0017	1.0000
pulsar			0.9856	0.0144	0.9560	0.9103	0.1321
raisin			0.8778	0.1222	0.8786	0.7556	0.4852
rcv11%			0.1334	0.0332	0.0536	0.0920	0.5746
re0-wc			0.2467	0.1159	0.1915	0.0843	0.5005
re1-wc			0.1747	0.0660	0.0775	0.0412	0.3900
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9874	0.0126	0.9872	0.9744	0.0893
rnaseq			0.9700	0.0050	1.0000	1.0000	0.0185
rocket			0.7475	0.2525	0.7398	0.4795	0.7599
RT_IOT2022			0.9985	0.0002	0.9767	0.9963	0.0040
satimage			0.9098	0.0301	0.8953	0.8885	0.1378
satimageF			0.9891	0.0109	0.9721	0.9442	0.1683
satimageT			0.9425	0.0575	0.8208	0.6052	0.3284
scadi			0.7143	0.0816	0.3896	0.6216	0.0421
schiller			0.5556	0.4444	0.5303	0.0526	0.7987
schizo			0.4412	0.5588	0.4402	-0.1176	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9038	0.0962	0.5353	0.0685	0.6839
secondary_mushroom			0.9998	0.0002	0.9998	0.9997	0.0023
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9740	0.0074	0.9774	0.9696	0.0346
segmentation			0.8564	0.1436	0.8431	0.6861	0.5651
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-10-gram			0.8556	0.1444	0.5625	0.0801	0.6399
sens-2-gram			0.8816	0.1184	0.6802	0.1842	0.3526
sens-3-gram			0.8658	0.1342	0.5807	0.0754	0.5299
sens-4-gram			0.8579	0.1421	0.5991	0.1659	0.6820
sens-5-gram			0.8684	0.1316	0.6127	0.1503	0.5774
sens-6-gram			0.8737	0.1263	0.6338	0.1633	0.5114
sens-7-gram			0.8500	0.1500	0.5325	0.0433	0.6838
sens-8-gram			0.8421	0.1579	0.5443	0.0732	0.7331
sens-9-gram			0.8579	0.1421	0.5914	0.1464	0.6742
sensorless			0.9971	0.0005	0.9971	0.9968	0.0061
sepsis			0.9095	0.0905	0.6570	0.0031	0.2085
shoppers			0.8962	0.1038	0.7866	0.5684	0.5695
shuttle			0.9997	0.0001	0.9876	0.9990	0.0169
sick			0.9814	0.0186	0.9205	0.8347	0.1803
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9997	0.0003	0.9996	0.9991	0.0072
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2000	0.4000	0.1982	-0.0650	0.8609
smk_can_187			0.8421	0.1579	0.8427	0.6816	0.5635

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smoking			0.8454	0.1546	0.8353	0.6702	0.5881
soil_pollution			0.2400	0.3040	0.2410	0.0483	0.8439
solar-flare			0.7698	0.0767	0.6699	0.7066	0.2190
sonar			0.6500	0.3500	0.6508	0.3000	0.8761
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9520	0.0480	0.8543	0.7084	0.4602
spambase			0.9478	0.0522	0.9453	0.8905	0.2767
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.5472	0.0189	0.2513	0.5202	0.1370
splice-EI			0.9685	0.0315	0.9598	0.9184	0.2445
splice-IE			0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles			0.8400	0.1600	0.8254	0.6449	0.5756
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9215	0.0523	0.9003	0.8723	0.1967
steel-b			0.8769	0.1231	0.7996	0.5848	0.5373
steel-d			0.9897	0.0103	0.9069	0.7950	0.0398
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8410	0.1590	0.8225	0.6439	0.5981
steel-p			0.9385	0.0615	0.7598	0.3796	0.1604
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9897	0.0103	0.9708	0.9417	0.1621
stellar			0.9773	0.0151	0.9739	0.9596	0.0892
stock			0.9375	0.0625	0.8892	0.7717	0.3421
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5750	0.1700	0.3353	0.3093	0.4660
student-depression			0.8405	0.1595	0.8345	0.6672	0.5807
student-habits			0.3800	0.2480	0.3079	0.0267	0.5097
student-weekend			0.2923	0.2831	0.1720	0.0248	0.7413
student-workday			0.7188	0.1125	0.2472	0.2289	0.3964
studentap			0.4615	0.3590	0.4553	0.1574	0.6947
susy			0.7856	0.2044	0.7914	0.5752	0.6574
susy1%			0.7986	0.2014	0.7970	0.5908	0.6587
susy10%			0.7993	0.2007	0.7979	0.5920	0.6553
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn			0.9105	0.0895	0.8821	0.7613	0.4234
texture			0.9909	0.0017	0.9913	0.9900	0.0139
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8085	0.1915	0.5444	0.0824	0.7852
thrombin			0.6387	0.3613	0.5366	0.0158	0.1606
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9207	0.0793	0.8905	0.7782	0.3960
tis10%			0.7388	0.2612	0.6661	0.3306	0.7978
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1250	0.4125	0.4667	0.1033
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6667	0.3333	0.4950	-0.0097	0.9032

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec11-wc			0.8049	0.0434	0.7222	0.7576	0.1816
trec12-wc			0.8710	0.0323	0.9002	0.8420	0.0941
trec21-wc			0.9394	0.0202	0.6423	0.8738	0.1141
trec23-wc			0.8095	0.0635	0.8292	0.7462	0.2264
trec31-wc			0.9140	0.0246	0.7821	0.8853	0.1210
trec41-wc			0.8750	0.0250	0.7880	0.8454	0.1296
trec45-wc			0.7681	0.0464	0.7331	0.7251	0.1912
tuandromd			0.9865	0.0135	0.9790	0.9579	0.1147
turkish			0.8500	0.0750	0.8563	0.8000	0.2043
tvnews			0.9618	0.0382	0.9587	0.9169	0.2134
tvnews1%			0.9154	0.0846	0.9085	0.8160	0.3871
tvnews10%			0.9059	0.0941	0.8981	0.7956	0.4216
ur3_cobotops_grip			0.9755	0.0245	0.7604	0.4282	0.2319
ur3_cobotops_stop			0.9755	0.0245	0.7996	0.5790	0.3800
urban			0.8060	0.0431	0.8374	0.7728	0.1657
urinalysis			0.9510	0.0490	0.7546	0.5076	0.5542
ustilago1%			0.9896	0.0113	0.4990	-0.0028	0.4383
ustilago10%			0.9745	0.0268	0.5307	0.0736	0.4889
vehicle			0.7738	0.1131	0.7386	0.6952	0.1848
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5859	0.0753	0.5968	0.5444	0.2305
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9262	0.0738	0.7261	0.3923	0.4535
wap-wc			0.7885	0.0212	0.5979	0.7631	0.1333
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.9912	0.0025	0.9910	0.9898	0.0199
watch-acc10%			0.9993	0.0002	0.9993	0.9992	0.0021
watch-gyr1%			0.9878	0.0035	0.9876	0.9858	0.0257
watch-gyr10%			0.9991	0.0003	0.9991	0.9989	0.0029
water_pollution			0.2267	0.3867	0.2278	-0.0307	0.8768
waveform			0.8420	0.1053	0.8420	0.7630	0.3669
weather-related			0.9788	0.0038	0.9816	0.9760	0.0283
web-phishing			0.8741	0.0840	0.8258	0.7757	0.3459
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9992	0.0003	0.9992	0.9990	0.0026
white-clover			0.3333	0.3333	0.1250	0.0000	0.1934
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9855	0.0145	0.9195	0.8369	0.2405
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.7233	0.0922	0.3573	0.5524	0.3341
winequality-white			0.6994	0.0859	0.4407	0.5371	0.3641
winnipeg			0.9978	0.0006	0.9939	0.9972	0.0099
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7257	0.7322	0.0668
yeast			0.5946	0.0811	0.4065	0.4736	0.3544
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.9452	0.0110	0.9403	0.9385	0.0858

Table 99: Detailed results for LMT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2072	0.0755	0.1496	0.1251	0.4717
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9834	0.0166	0.6895	0.3224	0.4069
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.9343	0.0657	0.9087	0.8095	0.2913
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8286	0.0686	0.6181	0.6314	0.3569
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9442	0.0558	0.9387	0.8757	0.2730
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family		0.9722	0.0139	0.9411	0.9467	0.0797
anuran-genus		0.9805	0.0049	0.9427	0.9680	0.1439
anuran-species		0.9833	0.0033	0.9693	0.9769	0.0504
anxiety		0.1417	0.1907	0.1386	0.0341	0.8089
apple-quality		0.8350	0.1650	0.8350	0.6700	0.5938
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia		0.7778	0.0444	0.6827	0.6330	0.2658
auction		0.9902	0.0098	0.9777	0.9544	0.0418

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.9545	0.0083	0.9735	0.9471	0.0293
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8000	0.0800	0.8062	0.7342	0.1895
avila		0.9880	0.0020	0.9829	0.9844	0.0338
babies		0.4758	0.1498	0.1817	0.1794	0.4136
balance		0.9194	0.0538	0.8228	0.8500	0.1526
bank		0.9131	0.0869	0.7663	0.5289	0.5776
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8986	0.1014	0.8893	0.7736	0.4146
basehock		0.9497	0.0503	0.9506	0.8995	0.2513
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8571	0.1429	0.8470	0.6927	0.5498
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.7090	0.1455	0.7100	0.6119	0.4267
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.6620	0.5686	0.1945
bridges		0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9598	0.0201	0.9233	0.9150	0.1771
card		0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography		0.8545	0.0291	0.8073	0.8249	0.1586
cardiotocography-nsp		0.9296	0.0469	0.8692	0.7964	0.2476
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8250	0.1167	0.7547	0.6740	0.3869
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.7508	0.2492	0.7486	0.4964	0.7485
cas_N6512_RDkit_AtomPair_FP		0.7607	0.2393	0.7587	0.5166	0.7325
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7677	0.2323	0.7658	0.5309	0.7215
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.7485	0.2515	0.7468	0.4935	0.7537
cas_N6512_RDkit_FP		0.7607	0.2393	0.7587	0.5168	0.7329
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.7957	0.2043	0.7944	0.5854	0.6630
cas_N6512_RDkit_MACCS_FP		0.7899	0.2101	0.7893	0.5784	0.6832
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.7800	0.2200	0.7806	0.5598	0.6973

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_pattern_FP		0.7822	0.2178	0.7811	0.5623	0.6978
cas_N6512_rdkit_RDKITFP		0.7680	0.2320	0.7663	0.5323	0.7216
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8187	0.1813	0.8068	0.6118	0.6436
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5532	0.2040
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.8269	0.6485	0.5273
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9994	0.0006	0.8218	0.6204	0.2692
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8570	0.1430	0.7545	0.4834	0.5834
churn-bigml		0.9476	0.0524	0.8887	0.7703	0.3227
ci900367j_MACCS		0.7684	0.2316	0.7496	0.4971	0.7304
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7857	0.1429	0.5337	0.5685	0.3575
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8324	0.0838	0.7003	0.7400	0.3538
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.7500	0.1667	0.8028	0.6000	0.3320
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5918	0.2721	0.5726	0.3578	0.6675
cnae-9		0.9630	0.0082	0.9650	0.9583	0.0407
codon_usage		0.9125	0.0159	0.7542	0.8937	0.1898
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5499	0.0963	0.9266
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.6897	0.3103	0.6729	0.3185	0.7867
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.6552	0.3448	0.4777	-0.0432	0.8064
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7586	0.2414	0.6866	0.3715	0.7765
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7500	0.2500	0.7511	0.5004	0.7446
coupon		0.7090	0.2910	0.7006	0.3995	0.8113
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9901	0.0099	0.9789	0.9577	0.1236
covtypeT		0.9842	0.0158	0.9375	0.8744	0.2337

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9161	0.0280	0.8025	0.8295	0.3356
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.4688	0.0266	0.3307	0.4538	0.0791
cybersecurity		0.1733	0.2756	0.1738	0.0076	0.8673
cyclopentane		0.6296	0.3704	0.6181	0.2241	0.8800
cylinder-bands		0.7407	0.2593	0.7324	0.4514	0.7389
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8287	0.1713	0.7198	0.4107	0.6416
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9029	0.0971	0.7372	0.4647	0.5956
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9189	0.0270	0.9249	0.8991	0.0971
desharnais		0.7500	0.1667	0.8497	0.6000	0.2311
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.5319	0.5000	0.2755
DIA		0.8167	0.1833	0.7408	0.4762	0.6890
diabetes		0.9231	0.0769	0.9216	0.8405	0.3680
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5686	0.2876	0.3621	0.1164	0.4817
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7964	0.0814	0.7919	0.7112	0.3113
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.7500	0.2500	0.7536	0.5000	0.7318
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5670	0.4330	0.5630	0.1247	0.9539
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7720	0.1520	0.6937	0.6191	0.4461
drug-01		0.4202	0.1657	0.1620	0.0879	0.5308
drug-02		0.5106	0.1398	0.0966	-0.0066	0.3342
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.2314	0.2535	0.5244
drug-07		0.4362	0.1611	0.1316	0.0157	0.2987
drug-08		0.5691	0.1231	0.2018	0.1492	0.4364
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5532	0.1277	0.2458	0.1494	0.3683
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6330	0.1049	0.2624	0.2729	0.3662
drug-14		0.5798	0.1201	0.2412	0.2231	0.4663
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.6064	0.1125	0.2937	0.3379	0.3799
drug-17		0.3670	0.1809	0.1771	0.1173	0.4921

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9243	0.0216	0.9363	0.9085	0.1255
ecoli		0.8824	0.0392	0.7465	0.8359	0.1288
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2900	0.3550	0.2924	0.0540	0.8290
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.8732	0.1268	0.8717	0.7433	0.5061
eeg10%		0.3909	0.0761	0.4129	0.3247	0.6285
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6438	0.1425	0.6212	0.5436	0.4061
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5125	0.4875	0.5124	0.0248	0.9928
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6667	0.3333	0.6609	0.3081	0.8356
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9231	0.0385	0.9172	0.8937	0.0956
gas		0.9950	0.0017	0.9950	0.9939	0.0131
gastrointestinal		0.6250	0.2500	0.5906	0.3962	0.5975
gender		0.6021	0.2653	0.3807	0.1449	0.5100
gene		0.9243	0.0505	0.9149	0.8797	0.2123
german		0.7200	0.2800	0.6713	0.3120	0.7636
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
glass		0.7143	0.0952	0.7115	0.6087	0.2834
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP		0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.5333	0.2333	0.5375	0.3636	0.4249
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.9867	0.0053	0.9863	0.9832	0.0377
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.9062	0.0268	0.5602	0.8609	0.1545
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.5882	0.4118	0.5662	0.1314	0.9439
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.9780	0.0220	0.9744	0.9485	0.1394
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6882	0.3118	0.6865	0.3729	0.8368
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1273	0.0778	0.3265
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9191	0.0809	0.8491	0.6944	0.4633
hiva		0.9622	0.0378	0.6178	0.1856	0.5048
horse		0.6111	0.2593	0.6077	0.3386	0.5982
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9964	0.0024	0.9965	0.9946	0.0174
htru2		0.9816	0.0184	0.9426	0.8832	0.1792
hypothyroid		0.9920	0.0040	0.7255	0.9505	0.0137
hypothyroidT		0.9947	0.0053	0.9813	0.9626	0.1146
ilpd		0.6102	0.3898	0.4786	-0.0414	0.9436
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
ionosphere		0.9429	0.0571	0.9346	0.8606	0.1858
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8099	0.1901	0.6043	0.1164	0.5937
jvowels		0.9719	0.0062	0.9707	0.9681	0.0481
kc1		0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF		0.8000	0.2000	0.4444	-0.0976	0.5661
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.8849	0.0767	0.8443	0.8103	0.2107
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.8036	0.0218	0.8287	0.7805	0.2256
krvskp		1.0000	0.0000	1.0000	1.0000	0.0000
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.8235	0.0153	0.8434	0.8149	0.0509
led24		0.6500	0.0778	0.6573	0.6045	0.1864
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9365	0.0049	0.9360	0.9339	0.0767
leukemia		0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8889	0.0148	0.9110	0.8807	0.0496

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7647	0.2353	0.7455	0.4868	0.7356
loan		0.9906	0.0094	0.9901	0.9800	0.0527
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.6566	0.0624	0.4103	0.5635	0.5579
lrs		0.8868	0.0323	0.6579	0.8418	0.0615
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.3333	0.6667	0.2500	-0.5000	1.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0952	0.9107	0.7500	0.2000
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.7115	0.2885	0.7120	0.4231	0.8032
magic04		0.8711	0.1289	0.8562	0.7084	0.5074
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8221	0.6440	0.6197
marketing		0.9062	0.0938	0.7887	0.5258	0.3975
maternal		0.8119	0.1254	0.8166	0.7135	0.3911
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8290	0.1140	0.4031	0.1702	0.3757
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2267	0.3093	0.2285	0.0335	0.8538
messidor		0.6783	0.3217	0.6735	0.3469	0.8499
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9800	0.0040	0.9804	0.9778	0.0228
mfeat-fou		0.8300	0.0340	0.8327	0.8111	0.1481
mfeat-kar		0.9650	0.0070	0.9659	0.9611	0.0441
mfeat-mor		0.7200	0.0560	0.7241	0.6889	0.1908
mfeat-pix		0.9600	0.0080	0.9615	0.9556	0.0452
mfeat-zer		0.8000	0.0400	0.7996	0.7778	0.1177
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6765	0.1294	0.6638	0.5935	0.3313
mobile		0.8601	0.0050	0.8695	0.8576	0.0642
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8852	0.1148	0.8717	0.7429	0.4904
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
musk		0.9773	0.0227	0.9556	0.9098	0.1625
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7578	0.2422	0.7488	0.4966	0.7422
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_MACCS		0.8417	0.1583	0.8365	0.6727	0.5835
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.8323	0.1677	0.8267	0.6528	0.6039
MUT_ci300400a_rdkit_descriptors		0.8170	0.1830	0.8122	0.6239	0.6349
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9707	0.0293	0.9707	0.9414	0.1784
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.3333	0.2222	0.2667	0.2000	0.2258
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.9027	0.0102	0.4347	0.7253	0.4762
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6584	0.3416	0.6557	0.3102	0.8702
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4861	0.3426	0.2694	-0.0517	0.5491
nursery		0.9985	0.0008	0.9988	0.9977	0.0051
obesity		0.9336	0.0190	0.9324	0.9225	0.0922
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9947	0.0053	0.9926	0.9850	0.0723
Occupancy_Estimation		0.9951	0.0025	0.9833	0.9850	0.0272
oh0-wc		0.9505	0.0099	0.9539	0.9433	0.0472
oh10-wc		0.7238	0.0552	0.7162	0.6857	0.2509
oh15-wc		0.8261	0.0348	0.8097	0.8021	0.1620
oh5-wc		0.7802	0.0440	0.7902	0.7518	0.2142
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9680	0.0064	0.9694	0.9644	0.0462
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9091	0.0909	0.5893	0.1636	0.6593
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8144	0.1856	0.7933	0.5866	0.6613
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8889	0.1111	0.8889	0.7773	0.4632
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9817	0.0073	0.9280	0.8971	0.1608
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.9242	0.0758	0.9190	0.8373	0.3587
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.9223	0.0777	0.9056	0.8106	0.4135
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8816	0.1184	0.8395	0.6786	0.5436
pediatric-leukemia		0.9118	0.0252	0.9371	0.8924	0.0778
pendigits		0.9827	0.0035	0.9825	0.9808	0.0293
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.3333	0.6667	0.3415	-0.2857	0.9644
persistency		0.8105	0.1895	0.7947	0.5866	0.6508
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.9450	0.0550	0.9376	0.8722	0.2569

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
phishing			0.9755	0.0245	0.9745	0.9488	0.1642
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.8844	0.0330	0.8767	0.8649	0.1283
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.9038	0.0275	0.8960	0.8875	0.1205
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8815	0.1185	0.8595	0.7171	0.5315
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.9974	0.0017	0.9954	0.9917	0.0069
placement			0.7980	0.2020	0.7924	0.5848	0.6741
plant-growth			0.6842	0.3158	0.6833	0.3667	0.8414
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4985	0.1433	0.1434	0.0359	0.3179
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9695	0.0305	0.7552	0.3581	0.0937
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9612	0.0388	0.7666	0.4827	0.3605
polish-5th			0.9475	0.0525	0.7613	0.4973	0.4653
polya			0.7773	0.2227	0.7499	0.4923	0.7094
popularity			0.6721	0.2186	0.4225	0.2358	0.4820
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6030	0.2059	0.9259
prestige			0.8889	0.0741	0.8805	0.8200	0.1174
primary-tumor			0.4242	0.0886	0.3397	0.3516	0.2989
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7761	0.2239	0.7493	0.4983	0.7315
promoters			0.7000	0.3000	0.7041	0.4000	0.7967
prostate			1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9783	0.0087	0.9585	0.9708	0.0508
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5050	0.4950	0.5050	0.0100	0.9972
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9832	0.0168	0.9485	0.8950	0.1580
raisin			0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9874	0.0126	0.9873	0.9744	0.0865
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6430	0.3570	0.6312	0.2624	0.8905
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8880	0.0373	0.8681	0.8618	0.1712
satimageF			0.9876	0.0124	0.9684	0.9367	0.1925
satimageT			0.9425	0.0575	0.8246	0.6362	0.4223

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9697	0.0087	0.9735	0.9646	0.0418
segmentation			0.8515	0.1485	0.8449	0.6860	0.5682
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.5890	0.0543	0.4408
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8737	0.1263	0.6323	0.1412	0.4751
sens-6-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8632	0.1368	0.5884	0.1163	0.6103
sens-9-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9011	0.0989	0.7974	0.5905	0.5536
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9867	0.0133	0.9442	0.8819	0.0504
sirtuin6			0.8000	0.2000	0.8000	0.6000	0.6644
skin			0.9995	0.0005	0.9993	0.9985	0.0089
skin10%			0.9988	0.0012	0.9981	0.9963	0.0155
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1048	0.0011	0.4258
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1467	0.3413	0.1468	-0.0664	0.9117
solar-flare			0.7554	0.0815	0.6867	0.6849	0.1876
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9560	0.0440	0.8671	0.7340	0.4392
spambase			0.9304	0.0696	0.9273	0.8545	0.3455
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.8857	0.1143	0.8600	0.7200	0.5179
spectrometer			0.6731	0.0242	0.5615	0.6536	0.1015
splice-EI			0.9590	0.0410	0.9471	0.8935	0.2875
splice-IE			0.9306	0.0694	0.9031	0.8061	0.3945
sport-articles			0.8200	0.1800	0.8030	0.5959	0.6085
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9070	0.0620	0.8825	0.8487	0.2235
steel-b			0.8718	0.1282	0.7962	0.5882	0.5854
steel-d			0.9744	0.0256	0.7677	0.5324	0.5024
steel-k			0.9795	0.0205	0.9685	0.9371	0.1800
steel-o			0.8308	0.1692	0.8271	0.6456	0.5999
steel-p			0.9487	0.0513	0.8059	0.5895	0.4057
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			1.0000	0.0000	1.0000	1.0000	0.0000
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8958	0.1042	0.8092	0.6067	0.5125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9980	0.0020	0.9980	0.9960	0.0165
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6400	0.1440	0.3571	0.4053	0.4069
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend			0.4462	0.2215	0.3771	0.1841	0.4397
student-workday			0.6875	0.1250	0.1676	0.0751	0.3413
studentap			0.4615	0.3590	0.3692	0.1415	0.6113
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.8006	0.1994	0.7994	0.5943	0.6508
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.6000	0.2667	0.5944	0.4000	0.5909
telco-churn			0.9048	0.0952	0.8760	0.7514	0.4622
texture			0.9927	0.0013	0.9930	0.9920	0.0115
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.6149	0.1671	0.6222
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f			0.7647	0.2353	0.7684	0.5211	0.6923
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5824	0.1641	0.8579
trec11-wc			0.8537	0.0325	0.7280	0.8203	0.0980
trec12-wc			0.9677	0.0081	0.9686	0.9613	0.0213
trec21-wc			0.9394	0.0242	0.9172	0.8836	0.2197
trec23-wc			0.9524	0.0159	0.9480	0.9352	0.0757
trec31-wc			0.9355	0.0215	0.9633	0.9145	0.0868
trec41-wc			0.9432	0.0114	0.8404	0.9307	0.0884
trec45-wc			0.9420	0.0116	0.8641	0.9324	0.0520
tuandromd			0.9821	0.0179	0.9719	0.9434	0.1312
turkish			0.8500	0.0750	0.8686	0.8000	0.1686
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9755	0.0245	0.7604	0.4282	0.2319
ur3_cobotops_stop			0.9701	0.0299	0.7588	0.5068	0.4825
urban			0.8507	0.0332	0.8519	0.8252	0.1361
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7976	0.1012	0.7755	0.7286	0.1881
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8605	0.1395	0.8623	0.7214	0.5237
vowel			0.4242	0.1047	0.4647	0.3667	0.3123
vowelZ			0.9798	0.0202	0.9363	0.8642	0.0715
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.9839	0.0046	0.9835	0.9812	0.0343
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.9866	0.0038	0.9864	0.9843	0.0300
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2133	0.3933	0.2133	-0.0489	0.8858
waveform			0.8500	0.1000	0.8501	0.7750	0.3515
web-phishing			0.8667	0.0889	0.8129	0.7649	0.3887
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9834	0.0166	0.9202	0.8375	0.3788
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6289	0.1237	0.3171	0.4179	0.6402
winequality-white			0.5869	0.1180	0.3558	0.3986	0.5265
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7496	0.7322	0.0687
yeast			0.5541	0.0991	0.4130	0.4252	0.3793
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9527	0.0473	0.6001	0.1981	0.5887
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 100: Detailed results for LOCLDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9816	0.0184	0.4953	-0.0012	0.2266
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8081	0.1279	0.2996	-0.0212	0.6368
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6857	0.1257	0.5071	0.3362	0.4751
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8465	0.1535	0.8287	0.6528	0.5699
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.1083	0.1981	0.1084	-0.0030	0.8163
apple-quality		0.8850	0.1150	0.8878	0.7700	0.4461
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.3974	0.6026	0.2844	0.0000	0.5233
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.7604	0.0399	0.7627	0.6817	0.3968
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.9032	0.0645	0.7457	0.8224	0.2810
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9925	0.0076	0.8409	0.6630	0.5185
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.6786	0.3214	0.5913	0.1818	0.8787
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.6655	0.6667	0.1595
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.7000	0.3000	0.4118	0.0000	0.4416
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae		0.4100	0.3933	0.3305	-0.0300	0.8102
car		0.6954	0.1523	0.2051	0.0000	0.2293
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.8075	0.0385	0.8288	0.7703	0.2250
cardiotocography-nsp		0.9061	0.0626	0.8228	0.7508	0.3401
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.7250	0.1833	0.6486	0.5264	0.5136
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.6667	0.3333	0.6023	0.1679	0.6657
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.3810	0.4127	0.1839	0.0000	0.3169
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8426	0.0787	0.7449	0.7629	0.3919
climate		0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6207	0.3793	0.6107	0.2162	0.8800
colposcopies-2		0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3		0.6552	0.3448	0.6675	0.3224	0.8322
colposcopies-4		0.6552	0.3448	0.6009	0.1989	0.8605
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.5862	0.4138	0.5846	0.1675	0.9370
colposcopies-c		0.7586	0.2414	0.6866	0.3715	0.7765
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7740	0.2260	0.7746	0.5483	0.7081
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9986	0.0014	0.8387	0.6660	0.5022
crowdsourced		0.9290	0.0237	0.8579	0.8475	0.1737
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.7500	0.0125	0.5739	0.7425	0.0310
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8920	0.1080	0.7754	0.4607	0.3273
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.2973	0.2342	0.0764	0.0000	0.3667
desharnais		0.5000	0.3333	0.3901	0.2000	0.4638
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.3228	0.4515	0.1627	0.0000	0.3888
drug-01		0.4096	0.1687	0.2828	0.1152	0.5885
drug-02		0.5053	0.1413	0.1915	0.1060	0.5929
drug-03		0.6755	0.0927	0.1367	0.0468	0.4520
drug-04		0.5213	0.1368	0.2291	0.1349	0.6309
drug-05		0.7394	0.0745	0.1859	0.0584	0.1952
drug-06		0.3989	0.1717	0.2680	0.2379	0.5733
drug-07		0.4468	0.1581	0.1407	0.0799	0.4397
drug-08		0.5745	0.1216	0.2188	0.1580	0.5104
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5426	0.1307	0.1794	0.1208	0.6319
drug-11		0.8404	0.0456	0.1652	0.0648	0.3761
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5904	0.1170	0.1738	0.2014	0.4312
drug-14		0.6011	0.1140	0.2794	0.2662	0.5772
drug-15		0.7340	0.0760	0.1565	-0.0011	0.5075
drug-16		0.5798	0.1201	0.2543	0.2693	0.4305
drug-17		0.3511	0.1854	0.1943	0.1097	0.4849

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7553	0.0699	0.1233	-0.0020	0.4481
drybean		0.9295	0.0202	0.9417	0.9147	0.1145
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM		0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU		0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM		0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce		0.2200	0.3900	0.2207	-0.0379	0.8708
eeg-eye		0.8919	0.1081	0.8906	0.7809	0.4549
eeg10%		0.4146	0.0732	0.4334	0.3542	0.6206
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5225	0.4775	0.5226	0.0452	0.9864
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9020	0.0980	0.9009	0.8012	0.4232
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.9892	0.0036	0.9895	0.9869	0.0279
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6000	0.2667	0.4485	0.1512	0.6071
gene		0.9148	0.0568	0.9084	0.8642	0.2502
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
glass		0.7619	0.0794	0.7135	0.6635	0.2371
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.6842	0.3158	0.6833	0.3667	0.8414
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.5833	0.4167	0.3684	0.0000	0.5068
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.9205	0.0318	0.9184	0.8993	0.1502
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8916	0.0310	0.5239	0.8363	0.2432
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.5000	0.3333	0.5421	0.2147	0.5373
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.7500	0.1250	0.2668	0.0253	0.4922
heart		0.8519	0.1481	0.8466	0.6932	0.5645

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.2000	0.8000	0.1667	0.0000	0.3900
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.8462	0.1538	0.8471	0.6486	0.5000
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6609	0.3391	0.6672	0.3276	0.8475
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.2143	0.1716	0.2940
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.9022	0.0978	0.8218	0.6427	0.5443
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9771	0.0229	0.9286	0.8557	0.2417
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.3143	0.6857	0.2391	0.0000	0.4897
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.5600	0.4400	0.3590	0.0000	0.5150
jm1		0.8237	0.1763	0.6580	0.2598	0.6426
jvowels		0.9809	0.0042	0.9794	0.9784	0.0355
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.4749	0.0583	0.4605	0.4086	0.4378
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.9412	0.0051	0.9674	0.9381	0.0215
led24		0.6500	0.0778	0.6782	0.6011	0.1969
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9440	0.0043	0.9442	0.9417	0.0634
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8333	0.0222	0.8006	0.8213	0.0672

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.8235	0.1765	0.8102	0.6151	0.6335
loan		0.9532	0.0468	0.9500	0.9000	0.2603
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.7736	0.0647	0.5559	0.6830	0.2169
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9255	0.0745	0.9237	0.8472	0.3606
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.8769	0.1231	0.8628	0.7218	0.4919
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.4688	0.5312	0.3191	0.0000	0.5307
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6238	0.2508	0.6281	0.4212	0.5543
math		0.6000	0.2000	0.6072	0.4346	0.5105
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.2267	0.3093	0.2258	0.0327	0.8570
messidor		0.4348	0.5652	0.3030	0.0000	0.5294
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		0.2222	0.5185	0.1212	0.0000	0.4199
meter-C		0.3333	0.3333	0.1250	0.0000	0.3773
meter-D		0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.8200	0.0360	0.8215	0.8000	0.1349
mfeat-kar		0.9850	0.0030	0.9851	0.9833	0.0190
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.9800	0.0040	0.9806	0.9778	0.0224
mfeat-zer		0.8300	0.0340	0.8320	0.8111	0.0764
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.2358	0.5094	0.1272	0.0000	0.4229
mines		0.7647	0.0941	0.7485	0.7050	0.2440
mobile		0.8741	0.0045	0.8862	0.8718	0.0561
monks-1		0.7455	0.2545	0.7457	0.4901	0.7537
monks-2		0.7541	0.2459	0.7220	0.3615	0.5788
monks-3		0.8571	0.1429	0.8737	0.7168	0.3812
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
musk		0.9879	0.0121	0.9766	0.9521	0.0508
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.8414	0.1586	0.4569	0.0000	0.3047
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.2917	0.4722	0.1505	0.0000	0.3860
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.4630	0.2685	0.1582	0.0000	0.3435
occupancy		0.9874	0.0126	0.9828	0.9650	0.1393
Occupancy_Estimation		0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		1.0000	0.0000	1.0000	1.0000	0.0000
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.8923	0.1077	0.5902	0.1678	0.6829
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.6653	0.2922	0.5026
ozone8hr		0.9209	0.0791	0.6561	0.2945	0.6140
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9781	0.0088	0.8810	0.8732	0.1563
parkinson		0.9667	0.0333	0.9660	0.9314	0.2027
parkinsons		0.7725	0.2275	0.8008	0.5597	0.5850
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.9223	0.0777	0.9072	0.8128	0.4147
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		0.8000	0.2000	0.4444	0.0000	0.3522
pd		0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.9882	0.0024	0.9881	0.9868	0.0210
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.5556	0.4444	0.3571	-0.2000	0.9762
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
phishing			0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8630	0.1370	0.8277	0.6544	0.5716
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6842	0.3158	0.6558	0.2897	0.8130
pirvision			0.9882	0.0078	0.9809	0.9636	0.1005
placement			0.7910	0.2090	0.7880	0.5751	0.6834
plant-growth			0.6842	0.3158	0.6841	0.3596	0.8222
plrx			0.6111	0.3889	0.3793	-0.1887	0.9536
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9122	0.0878	0.6072	0.2125	0.6383
polish-5th			0.9222	0.0778	0.7120	0.4232	0.6275
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6919	0.3824	0.8284
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.1818	0.1259	0.0237	0.0000	0.3708
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9808	0.0192	0.9409	0.8795	0.1823
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9890	0.0110	0.9889	0.9778	0.0797
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9036	0.0321	0.8933	0.8807	0.1476
satimageF			0.9876	0.0124	0.9690	0.9374	0.2071
satimageT			0.9393	0.0607	0.8102	0.5908	0.3830

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.6176	0.3824	0.6294	0.2353	0.8487
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.1472	0.2437	0.0367	0.0000	0.4017
segmentation			0.8366	0.1634	0.8205	0.6406	0.6087
segmentO			0.1472	0.8528	0.1283	0.0000	0.3180
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.6289	0.3711	0.5846	0.1257	0.6127
sens-6-gram			0.6632	0.3368	0.5881	0.1394	0.6383
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.2077	0.7923	0.1720	0.0000	0.3990
skin10%			0.9967	0.0033	0.9950	0.9901	0.0416
smarket			0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1767	0.3293	0.1765	-0.0291	0.8903
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.8500	0.1500	0.8518	0.7000	0.5467
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9130	0.0870	0.9089	0.8150	0.3758
spect			0.6667	0.3333	0.5950	0.1818	0.8134
spectf			0.8286	0.1714	0.8046	0.6038	0.6382
spectrometer			0.5769	0.0313	0.4533	0.5536	0.1266
splice-EI			0.9464	0.0536	0.9327	0.8630	0.3437
splice-IE			0.9464	0.0536	0.9269	0.8536	0.3460
sport-articles			0.3700	0.6300	0.2701	0.0000	0.5154
squash-stored			0.6000	0.2667	0.5714	0.3750	0.2113
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.0821	0.9179	0.0758	0.0000	0.2013
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stockb			0.3348	0.4435	0.1672	0.0000	0.4165
streaming			0.8100	0.1900	0.8303	0.6282	0.5286
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3100	0.2760	0.1825	-0.0091	0.8151
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.3227	0.6773	0.2440	0.0000	0.4945
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.8000	0.1000	0.7960	0.7333	0.2330
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9687	0.0313	0.6632	0.2470	0.4118
ur3_cobotops_stop			0.9565	0.0435	0.6448	0.2826	0.5922
urban			0.7313	0.0597	0.7642	0.6867	0.1825
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.8095	0.0952	0.7964	0.7456	0.1470
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6768	0.0588	0.7051	0.6444	0.1888
vowelZ			0.9293	0.0707	0.8619	0.6831	0.5142
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2767	0.3617	0.2762	0.0356	0.8441
waveform			0.8100	0.1267	0.8111	0.7150	0.4089
web-phishing			0.0741	0.6173	0.0460	0.0000	0.3984
Weekly			0.9630	0.0370	0.9630	0.9253	0.2123
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9917	0.0083	0.9582	0.9156	0.2543
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6289	0.1237	0.3132	0.4094	0.5994
winequality-white			0.5808	0.1198	0.3422	0.3624	0.5607
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2			0.0473	0.9527	0.0452	0.0000	0.1242
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 101: Detailed results for LR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1247	0.0604	0.0720	0.0500	0.6620
abalone19		0.9856	0.0144	0.4964	-0.0072	0.5293
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9744	0.0256	0.6462	0.2920	0.5762
accident		0.6000	0.4000	0.6000	0.2000	0.9288
ads		0.9543	0.0457	0.9061	0.8121	0.3831
adult		0.8055	0.1945	0.7299	0.4598	0.7226
advanced-iot		0.0000	0.3333	0.0000	-0.2000	0.5770
AID_1431		0.8016	0.1984	0.4830	-0.0328	0.6707
AID_1431_KlekotaRothFingerprinter		0.6508	0.3492	0.5413	0.0536	0.5096
AID_1431_MACCSFingerprinter		0.4286	0.5714	0.4596	-0.0344	0.4223
AID_1878		0.7810	0.2190	0.6527	0.3038	0.7668
AID_602330		0.9219	0.0781	0.5386	0.0769	0.6207
AID_652128		0.8182	0.1212	0.4125	0.0660	0.6100
AID1284Morered		0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red		0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered		0.8835	0.1165	0.5402	0.0804	0.6801
AID1608red		0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red		0.9836	0.0164	0.6183	0.2149	0.5259
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9985	0.0015	0.5912	0.1811	0.5354
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9930	0.0070	0.4982	-0.0034	0.4755
AID604		0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed		0.9980	0.0020	0.4995	-0.0010	0.5055
AID644Morered		0.6000	0.4000	0.6094	0.2000	0.8294
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9991	0.0009	0.4998	-0.0004	0.5319
AID687red		0.9961	0.0039	0.4990	-0.0014	0.5024
AID688red		0.9846	0.0154	0.4961	-0.0075	0.5641
AID721morered		0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9985	0.0015	0.5912	0.1811	0.5354
AID746red		0.9911	0.0089	0.6027	0.2045	0.5517
aids		0.8028	0.1972	0.7793	0.5379	0.6567
air_pollution		0.1667	0.2381	0.1429	0.0045	0.8919
air-booking		0.6702	0.3298	0.6504	0.2368	0.6243
airline		0.8491	0.1509	0.8485	0.6956	0.5625
alcohol		0.0857	0.3657	0.0438	-0.3563	0.5489
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7953	0.2047	0.8042	0.5868	0.6233
anneal		0.9888	0.0045	0.9858	0.9759	0.0146
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus		0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species		0.9861	0.0028	0.9743	0.9807	0.0592
anxiety		0.1333	0.1926	0.1232	0.0230	0.7709
apple-quality		0.6800	0.3200	0.6806	0.3600	0.8430
aps-failure		0.9900	0.0100	0.8457	0.6860	0.3560
arabidopsis		0.9848	0.0152	0.5586	0.1167	0.5389
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.6782	0.3218	0.5129	0.0025	0.0723
arabidopsis10%		0.9875	0.0125	0.5353	0.0682	0.5612

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia		0.5333	0.0718	0.2784	0.2216	0.4101
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult		0.8714	0.1286	0.8470	0.6903	0.5586
autism-child		0.6897	0.3103	0.6905	0.3800	0.8315
autos		0.8000	0.0667	0.6553	0.7324	0.1641
avila		0.7652	0.0391	0.7763	0.6938	0.3689
babies		0.1532	0.2419	0.0612	-0.1836	0.6284
balance		0.8065	0.1290	0.5870	0.6597	0.4283
bank		0.8713	0.1287	0.6615	0.3219	0.6957
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8318	0.1682	0.8176	0.6352	0.6193
basehock		0.8040	0.1960	0.8157	0.6075	0.5740
bio		0.9970	0.0029	0.9132	0.8258	0.2735
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.8571	0.1429	0.8494	0.6986	0.5580
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9759	0.0017	0.0748	0.1761	1.0000
bitcoin1%		0.9708	0.0020	0.0366	0.0360	0.4251
bitcoin10%		0.9740	0.0018	0.0553	0.1118	0.7686
body-perf		0.0381	0.4810	0.0605	-0.2826	0.7179
bookings		0.0004	0.6664	0.0042	-0.8461	0.6415
brain-tumor		0.5090	0.4910	0.5091	0.0181	0.9946
breast-cancer		0.6429	0.3571	0.5944	0.1860	0.8702
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.5000	0.1429	0.4685	0.3590	0.2261
bub10at310k-hg16-17		0.8641	0.1359	0.6034	0.2066	0.7015
bub12at310k-hg16-17		0.8741	0.1259	0.6209	0.2418	0.6971
bub8at310k-hg16-17		0.8548	0.1452	0.6171	0.2304	0.6879
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae		0.3590	0.4273	0.3384	0.0158	0.7964
car		0.9310	0.0345	0.9073	0.8591	0.2477
car-insurance		0.7960	0.2040	0.7976	0.5732	0.6343
card		0.7681	0.2319	0.7603	0.5196	0.7249
cardiotocography		0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp		0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular		0.6524	0.3476	0.6527	0.3047	0.8758
cargo2k		0.9695	0.0203	0.9695	0.9543	0.0980
cars		0.7000	0.2000	0.6194	0.4299	0.5035
cas_N6512_cdk_ECFP2		0.7143	0.2857	0.7137	0.4270	0.8014
cas_N6512_rdkit_ATOMPAIR		0.7185	0.2815	0.7184	0.4361	0.7945
cas_N6512_RDkit_AtomPair_FP		0.7592	0.2408	0.7582	0.5164	0.7361
cas_N6512_rdkit_AVALON		0.7711	0.2289	0.7724	0.5426	0.7101
cas_N6512_RDkit_Avalon_FP		0.7960	0.2040	0.7979	0.5928	0.6634
cas_N6512_rdkit_descriptors		0.6985	0.3015	0.7040	0.4016	0.8039
cas_N6512_rdkit_FEATMORGAN		0.7481	0.2519	0.7494	0.4967	0.7472
cas_N6512_RDkit_Featmorgan_FP		0.7807	0.2193	0.7811	0.5609	0.6968
cas_N6512_RDkit_FP		0.7408	0.2592	0.7413	0.4814	0.7611
cas_N6512_rdkit_LAYERED		0.7846	0.2154	0.7869	0.5703	0.6826
cas_N6512_RDkit_Layered_FP		0.7577	0.2423	0.7569	0.5136	0.7381

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7281	0.2719	0.7279	0.4551	0.7814
cas_N6512_RDkit_MACCS_FP		0.7500	0.2500	0.7550	0.5033	0.7305
cas_N6512_rdkit_MORGAN		0.7692	0.2308	0.7685	0.5368	0.7193
cas_N6512_RDkit_morgan_FP		0.7638	0.2362	0.7647	0.5277	0.7236
cas_N6512_rdkit_PATTERN		0.7631	0.2369	0.7656	0.5276	0.7189
cas_N6512_RDkit_pattern_FP		0.7623	0.2377	0.7656	0.5265	0.7172
cas_N6512_rdkit_RDKITFP		0.7604	0.2396	0.7629	0.5222	0.7234
cas_N6512_rdkit_TORSION		0.7446	0.2554	0.7448	0.4886	0.7562
ccds		0.9636	0.0364	0.6890	0.3136	0.4295
ccds1%		0.9451	0.0549	0.6286	0.2571	0.6181
ccds10%		0.9235	0.0765	0.5657	0.1282	0.5966
cdc_diabetes		0.7789	0.1474	0.4004	0.1776	0.6604
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7772	0.2228	0.7689	0.5322	0.7052
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.7355	0.2645	0.5945	0.0967	0.3512
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.6189	0.3811	0.6153	0.0941	0.2917
CDS49_AID687_Rdkit-ecfp4-fp		0.5517	0.4483	0.5128	0.0006	0.0196
census		0.9240	0.0760	0.6702	0.3400	0.6370
census10%		0.9144	0.0856	0.6116	0.2232	0.6573
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7589	0.5147	0.5542
cervical-C		0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia		0.0457	0.4772	0.0648	-0.4566	0.6465
chrom19		0.9996	0.0004	0.9043	0.8083	0.3450
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9989	0.0011	0.8015	0.5904	0.5216
chrom21		0.9998	0.0002	0.6565	0.1481	0.1773
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.5422	0.4578	0.6101	0.1026	0.3647
churn		0.6320	0.3680	0.6540	0.2498	0.6759
churn-bigml		0.6929	0.3071	0.7033	0.3109	0.5628
ci900367j_MACCS		0.7053	0.2947	0.7029	0.3998	0.7987
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.5000	0.3333	0.3658	0.1285	0.7500
cjs		0.9857	0.0048	0.9859	0.9826	0.0298
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.6833	0.1583	0.4869	0.5139	0.5979
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.6970	0.3902	0.6445
cmc		0.4830	0.3447	0.4692	0.2080	0.7614
cnae-9		0.8426	0.0350	0.8454	0.8229	0.1416
codon_usage		0.9233	0.0140	0.8203	0.9070	0.1616
coil20		0.9861	0.0014	0.9866	0.9854	0.0097
college		0.8442	0.1558	0.8435	0.6580	0.5395
collins		0.2800	0.0960	0.2335	0.2046	0.4133
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2		0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3		0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.6552	0.3448	0.6546	0.3062	0.8683
colposcopies-c		0.7586	0.2414	0.6226	0.2281	0.7911
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.7742	0.1505	0.7559	0.6359	0.4045

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5254	0.4645	0.5343	0.0316	0.7951
comedy_comparisons1%		0.4969	0.5031	0.4984	-0.0032	0.9978
comedy_comparisons10%		0.5329	0.4671	0.5327	0.0654	0.9797
connect-4		0.9477	0.0348	0.4341	0.1887	0.5150
cottonmeloidogyne		0.6562	0.3438	0.6608	0.3107	0.8461
coupon		0.6356	0.3644	0.6324	0.2641	0.8925
covid19		0.2236	0.2218	0.0945	-0.1405	0.8150
covtype		0.9389	0.0175	0.8937	0.9019	0.1744
covtype10%		0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD		0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT		0.9855	0.0145	0.9442	0.8885	0.2569
crabs		0.0000	0.5000	0.0000	-0.3333	0.6457
creditcard_trans		0.5251	0.4749	0.5810	0.0028	0.0116
creditcard_trans10%		0.5629	0.4371	0.6112	0.0045	0.0115
crowdsourced		0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn		0.5214	0.4786	0.6165	0.0413	0.1097
cybersecurity		0.1567	0.2811	0.1559	-0.0132	0.8854
cyclopentane		0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands		0.6481	0.3519	0.6666	0.3151	0.8238
darwin		0.6667	0.3333	0.6866	0.3333	0.7578
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1000	0.1800	0.0997	-0.0000	0.9240
day1%		0.7133	0.2867	0.6979	0.2445	0.4841
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7353	0.2647	0.6198	0.2395	0.8201
defect		0.5802	0.4198	0.6536	0.2070	0.5497
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8691	0.1309	0.6710	0.3415	0.6948
depressed		0.5035	0.4965	0.5404	0.0553	0.6443
dermatology		0.9189	0.0270	0.9131	0.8985	0.0722
desharnais		0.6250	0.2500	0.4037	0.2727	0.4605
dexter		0.5167	0.4833	0.5349	0.0333	0.7615
df_final		0.1250	0.5833	0.1300	-0.3176	0.9203
DIA		0.6333	0.3667	0.6264	0.2281	0.7822
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k		0.6197	0.3803	0.6751	0.1909	0.3733
diabetes-risk		0.6837	0.3163	0.7207	0.3593	0.6061
diabetic		0.4528	0.3648	0.3590	0.0461	0.8058
diabetic1%		0.4412	0.3725	0.3416	0.0498	0.8113
diabetic10%		0.4361	0.3759	0.3305	0.0078	0.8181
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.0000	0.5000	0.0000	-0.3857	0.7517
diamonds_all		0.0562	0.3775	0.0453	-0.3273	0.8740
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9962	0.0038	0.4990	-0.0015	0.5201
dna1%		0.9955	0.0045	0.5081	0.0155	0.5433
dna10%		0.9955	0.0045	0.5359	0.0701	0.5427
dorothea		0.8261	0.1739	0.5354	0.0703	0.7132
dota2		0.5178	0.4822	0.5160	0.0320	0.9897
dota210%		0.5223	0.4777	0.5203	0.0406	0.9870
drebin		0.9508	0.0492	0.9488	0.8960	0.2761
dropout		0.6591	0.2272	0.5676	0.4257	0.6058

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.2713	0.2082	0.1495	-0.0006	0.8591
drug-02		0.4043	0.1702	0.2122	0.1175	0.8179
drug-03		0.5638	0.1246	0.1493	0.0768	0.6552
drug-04		0.3723	0.1793	0.2023	0.1073	0.8221
drug-05		0.5372	0.1322	0.1239	-0.0463	0.7772
drug-06		0.3032	0.1991	0.2535	0.1649	0.7541
drug-07		0.2979	0.2006	0.1122	-0.0778	0.7315
drug-08		0.4043	0.1702	0.2015	0.1052	0.8300
drug-09		0.7926	0.0593	0.1779	0.0953	0.6280
drug-10		0.4149	0.1672	0.1473	0.0728	0.7445
drug-11		0.7553	0.0699	0.1457	-0.0043	0.7645
drug-12		0.6489	0.1003	0.2320	0.0687	0.7557
drug-13		0.5000	0.1429	0.1723	0.1790	0.8201
drug-14		0.4840	0.1474	0.2543	0.1797	0.7322
drug-15		0.6436	0.1018	0.1764	0.1523	0.7572
drug-16		0.4840	0.1474	0.2202	0.2033	0.6401
drug-17		0.2606	0.2112	0.1835	0.0673	0.8363
drug-18		0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19		0.6543	0.0988	0.1798	0.1444	0.7843
drybean		0.9111	0.0254	0.9260	0.8925	0.1438
ecoli		0.8529	0.0368	0.5261	0.7942	0.1017
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU		0.8182	0.1818	0.5816	0.1538	0.6675
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2800	0.3600	0.2776	0.0396	0.8140
eeg		0.3709	0.0786	0.3838	0.3049	0.7262
eeg-eye		0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%		0.2741	0.0907	0.2770	0.1974	0.7449
email_phishing		0.8069	0.1931	0.5190	0.0096	0.1561
eucalyptus		0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid		0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq		0.9547	0.0453	0.9560	0.9094	0.2231
exon.vs.intron-freq10%		0.8884	0.1116	0.8972	0.7786	0.3787
fakenews		0.5400	0.4600	0.5403	0.0805	0.9744
farm-ads		0.7488	0.2512	0.7746	0.5082	0.6250
fbis-wc		0.6179	0.0450	0.6056	0.5724	0.3828
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4314	0.5686	0.4356	-0.1264	1.0000
financial-risk		0.0200	0.3267	0.0111	-0.2861	0.7310
fishcatch		0.0000	0.3333	0.0000	-0.3403	0.4874
flags		0.6000	0.1000	0.4483	0.4953	0.2309
fonts		0.7612	0.0031	0.6015	0.7502	0.3363
fonts10%		0.5285	0.0062	0.2721	0.5062	0.6041
forest		0.9038	0.0481	0.9003	0.8672	0.1365
gas		0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal		0.6875	0.2083	0.6898	0.5031	0.5143
gender		0.5095	0.3270	0.3952	0.0863	0.7629
gene		0.7445	0.1703	0.7437	0.6039	0.5048
german		0.6500	0.3500	0.6030	0.2045	0.8963
gestures		0.2628	0.3686	0.2653	0.0173	0.8443
gina		0.8098	0.1902	0.8122	0.6184	0.6255
gisette		0.9286	0.0714	0.9289	0.8571	0.3386
glass		0.7619	0.0794	0.8224	0.6779	0.2764
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM			0.7368	0.2632	0.7389	0.4751	0.7624
gli_85			1.0000	0.0000	1.0000	1.0000	0.0000
glioma			0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade			0.7262	0.2738	0.7142	0.4250	0.7863
green			0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage			0.6000	0.2000	0.5875	0.4611	0.4564
gsalc			0.0000	0.3333	0.0000	-0.1571	0.4317
haberman			0.6667	0.3333	0.6067	0.2105	0.8514
hapt			0.9588	0.0069	0.8216	0.9513	0.0402
har			0.0494	0.3802	0.0437	-0.1982	0.9277
har70			0.9144	0.0245	0.6567	0.8750	0.3279
har701%			0.8850	0.0329	0.5782	0.8338	0.3241
har7010%			0.9037	0.0275	0.6041	0.8592	0.3439
harth			0.8787	0.0202	0.6520	0.8357	0.2443
harth1%			0.8489	0.0252	0.5922	0.7951	0.2675
harth10%			0.8667	0.0222	0.6294	0.8194	0.2609
hayes-roth			0.6875	0.2083	0.7253	0.5000	0.4011
hcc-survival			0.8824	0.1176	0.8786	0.7571	0.4880
health-activity			0.3600	0.3200	0.2021	-0.0699	0.6060
heart			0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack			0.9032	0.0968	0.9038	0.8058	0.4189
heart-c			0.8000	0.2000	0.8001	0.5946	0.6479
heart-failure			0.7760	0.2240	0.7831	0.5390	0.6495
heart-quantum			0.8200	0.1800	0.8474	0.6512	0.4490
hepatitis			0.7333	0.2667	0.6779	0.3333	0.7333
hepmass			0.8022	0.1978	0.8023	0.6043	0.6596
hepmass1%			0.7733	0.2267	0.7734	0.5467	0.7119
hepmass10%			0.7872	0.2128	0.7872	0.5744	0.6877
hERG-121inputs			0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs			0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs			0.6579	0.3421	0.6566	0.3132	0.8720
higgs0.1%			0.5527	0.4473	0.5500	0.1000	0.9670
higgs1%			0.5915	0.4085	0.5888	0.1774	0.9368
higgs10%			0.6213	0.3787	0.6193	0.2385	0.9098
higher			0.2143	0.1964	0.1652	0.0610	0.4072
hinselmann			0.7000	0.3000	0.4118	-0.1538	0.8916
hitters			0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa			0.8347	0.1653	0.7283	0.4539	0.6973
hiva			0.9456	0.0544	0.5276	0.0531	0.6308
horse			0.5556	0.2963	0.3923	0.1504	0.6733
hotel-reservartions			0.7704	0.2296	0.7765	0.5299	0.6673
hr			0.5333	0.4667	0.6035	0.1268	0.5297
ht-sensor			1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%			0.9999	0.0001	0.9999	0.9998	0.0007
htru2			0.9709	0.0290	0.9109	0.8216	0.3278
hypothyroid			0.9310	0.0345	0.5292	0.5252	0.3050
hypothyroidT			0.9443	0.0557	0.7832	0.5590	0.5058
ilpd			0.6949	0.3051	0.6020	0.2003	0.8649
immuno-therapy			0.7778	0.2222	0.6786	0.3571	0.7720
instagram			0.0060	0.4970	0.0057	-0.3253	0.7495
ionosphere			0.9143	0.0857	0.8990	0.7961	0.3975
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.8793	0.0093	0.8811	0.8745	0.1008

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.7557	0.2443	0.6256	0.2506	0.7952
jvowels		0.9970	0.0007	0.9970	0.9966	0.0056
kc1		0.8294	0.1706	0.6522	0.3017	0.7383
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.5714	0.0357	0.0370	0.2696	0.0285
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.7118	0.4235	0.7319
kdc-4007		0.2743	0.1814	0.3488	0.1524	0.4160
kddcup98		0.9086	0.0914	0.4917	-0.0166	0.6557
kddcup981%		0.9579	0.0421	0.7439	0.3214	0.1201
kddcup9810%		0.9215	0.0785	0.5064	0.0121	0.6660
kddcup99		0.9999	0.0000	0.7497	0.9998	0.0234
kddcup991%		0.9988	0.0001	0.5457	0.9979	0.0014
kddcup9910%		0.9994	0.0000	0.7292	0.9990	0.0303
kepler		0.0052	0.6632	0.0061	-0.5451	0.8235
kidney		0.3301	0.2680	0.2095	-0.0003	0.6257
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.5651	0.0483	0.5603	0.5145	0.4793
krvskp		0.9060	0.0940	0.9057	0.8114	0.4146
la1s-wc		0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc		0.4238	0.1921	0.4498	0.2935	0.5326
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.5882	0.0206	0.3317	0.5677	0.0757
led24		0.5500	0.0900	0.5114	0.4930	0.2136
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.9610	0.0030	0.9605	0.9594	0.0464
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8611	0.0185	0.8750	0.8509	0.0672
linkage		1.0000	0.0000	0.9989	0.9978	0.0076
linkage1%		0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%		1.0000	0.0000	0.9976	0.9952	0.0210
liver		0.6765	0.3235	0.6780	0.3392	0.7960
loan		0.9063	0.0937	0.9115	0.8095	0.3655
localization		0.7349	0.0482	0.5411	0.6693	0.5292
localization10%		0.6845	0.0574	0.4610	0.6023	0.5383
lrs		0.8302	0.0340	0.4915	0.7664	0.1458
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8500	0.0600	0.6795	0.6703	0.2274
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6582	0.3077	0.8482
lymphography		0.5714	0.2143	0.5244	0.2500	0.3338
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9149	0.0851	0.9152	0.8273	0.3841
madelon		0.5577	0.4423	0.5578	0.1154	0.9617
magic04		0.8311	0.1689	0.8116	0.6216	0.6175
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7292	0.2708	0.7320	0.4604	0.7707
marketing		0.7143	0.2857	0.6836	0.3009	0.6211
maternal		0.8614	0.0924	0.8646	0.7906	0.3213
math		0.0500	0.4750	0.0357	-0.3298	0.7826
mba		0.3468	0.4355	0.2422	-0.2485	0.4937
mental-disorders		0.0000	0.5000	0.0000	-0.3333	0.6842
mental-health		0.1867	0.3253	0.1832	-0.0162	0.8788

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6174	0.3826	0.6108	0.2215	0.9143
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.9444	0.0278	0.9571	0.9227	0.0673
meter-D			0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac			0.9700	0.0060	0.9713	0.9667	0.0315
mfeat-fou			0.8300	0.0340	0.8316	0.8111	0.1279
mfeat-kar			0.9550	0.0090	0.9561	0.9500	0.0565
mfeat-mor			0.6850	0.0630	0.6868	0.6500	0.2286
mfeat-pix			0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-zer			0.8300	0.0340	0.8347	0.8111	0.1057
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.0283	0.6478	0.0222	-0.5343	0.9147
mines			0.5000	0.2000	0.4841	0.3717	0.4872
mobile			0.5874	0.0147	0.6058	0.5799	0.1857
monks-1			0.8364	0.1636	0.8471	0.6711	0.4963
monks-2			0.8525	0.1475	0.8387	0.6769	0.5789
monks-3			0.6964	0.3036	0.6973	0.3882	0.8106
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.0167	0.1788	0.0149	-0.1324	0.9318
musk			0.9394	0.0606	0.8823	0.7643	0.4240
MUT_ci300400a_cdk_ECFP2			0.7746	0.2254	0.7704	0.5402	0.7133
MUT_ci300400a_cdk_ECFP4			0.7832	0.2168	0.7845	0.5639	0.6846
MUT_ci300400a_cdk_ECFP6			0.7617	0.2383	0.7627	0.5208	0.7213
MUT_ci300400a_cdk_ESTATE			0.6978	0.3022	0.7000	0.3950	0.8089
MUT_ci300400a_cdk_EXTENDED			0.7974	0.2026	0.7996	0.5931	0.6560
MUT_ci300400a_cdk_FCFP2			0.7617	0.2383	0.7602	0.5179	0.7280
MUT_ci300400a_cdk_FCFP4			0.7782	0.2218	0.7780	0.5524	0.6976
MUT_ci300400a_cdk_FCFP6			0.7614	0.2386	0.7694	0.5265	0.6983
MUT_ci300400a_cdk_MACCS			0.7182	0.2818	0.7165	0.4306	0.7918
MUT_ci300400a_cdk_PUBCHEM			0.8000	0.2000	0.7989	0.5951	0.6621
MUT_ci300400a_cdk_STANDARD			0.7713	0.2287	0.7738	0.5413	0.7007
MUT_ci300400a_rdkit_descriptors			0.8471	0.1529	0.8432	0.6862	0.5709
myocardial			0.8765	0.0309	0.3903	0.4723	0.4002
naticusdroid			0.9025	0.0975	0.9054	0.8049	0.3912
NCI60			0.0000	0.3333	0.0000	-0.2000	0.4283
nci9			0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA			0.9489	0.0054	0.7682	0.8671	0.6138
ncRNA1%			0.8829	0.0123	0.4744	0.6965	0.9843
ncRNA10%			0.9197	0.0085	0.6276	0.7907	0.8394
neo			0.6487	0.3513	0.6926	0.2334	0.4111
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.4160	0.0265	0.4714	0.3973	0.4102
newspop			0.5805	0.4195	0.5803	0.1603	0.9435
NHANES_age_prediction			0.9163	0.0837	0.8327	0.6595	0.4812
nomao			0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits			0.4306	0.3796	0.3647	0.0667	0.8037
nursery			0.9568	0.0173	0.7295	0.9366	0.1008
obesity			0.0237	0.2789	0.0330	-0.1381	0.7420
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9942	0.0058	0.9918	0.9836	0.0668
Occupancy_Estimation			0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc			0.3861	0.1228	0.4111	0.2754	0.4704
oh10-wc			0.2381	0.1524	0.3316	0.1731	0.4946
oh15-wc			0.2391	0.1522	0.2943	0.1396	0.4861
oh5-wc			0.2527	0.1495	0.3176	0.1780	0.4568

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.2966	0.1407	0.3191	0.2128	0.6721
olive		0.0000	0.2222	0.0000	-0.2444	0.5958
opn310k		0.8360	0.1640	0.5990	0.1909	0.6788
opn310k10%		0.8322	0.1678	0.5964	0.1836	0.6686
opnat310k-hg16-17		0.8376	0.1624	0.6043	0.2010	0.6780
optdigits		0.9733	0.0053	0.9746	0.9703	0.0398
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr		0.9565	0.0435	0.5776	0.1349	0.5847
ozone8hr		0.8933	0.1067	0.5644	0.1261	0.6936
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7629	0.2371	0.7359	0.4718	0.7516
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants		0.9949	0.0051	0.6944	0.3821	0.5030
p53-mutants10%		0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks		0.9708	0.0117	0.8248	0.8307	0.1992
parkinson		0.9250	0.0750	0.9237	0.8462	0.3614
parkinsons		0.7536	0.2464	0.7811	0.5230	0.6285
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.8614	0.1386	0.8292	0.6583	0.5839
particle10%		0.8638	0.1362	0.8334	0.6665	0.5782
pasture		0.5000	0.3333	0.5000	0.2000	0.3750
pc1		0.9279	0.0721	0.7306	0.4612	0.6104
pcmac		0.5722	0.4278	0.5187	0.0268	0.8814
pcos		0.9067	0.0933	0.8884	0.7518	0.4545
pd		0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia		0.7353	0.0756	0.6727	0.6648	0.1654
pendigits		0.9927	0.0015	0.9927	0.9919	0.0136
period		0.5556	0.4444	0.5791	0.1429	0.8628
period-10f		0.1111	0.8889	0.1000	-0.5000	0.9422
persistency		0.7959	0.2041	0.7923	0.5794	0.6693
personalities		0.0005	0.1249	0.0005	-0.0661	0.8767
pet-adoption		0.7800	0.2200	0.7979	0.5600	0.6095
phishing		0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL		0.9968	0.0032	0.9967	0.9934	0.0294
PhiUSIIL10%		0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc		0.8991	0.0288	0.8928	0.8821	0.1268
phone-acc0.1%		0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%		0.7913	0.0596	0.7812	0.7561	0.2420
phone-acc10%		0.8489	0.0432	0.8404	0.8234	0.1806
phone-gyr		0.9414	0.0167	0.9369	0.9315	0.0884
phone-gyr0.1%		0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%		0.8188	0.0518	0.8082	0.7881	0.2306
phone-gyr10%		0.8886	0.0318	0.8813	0.8698	0.1517
phoneme		0.9148	0.0852	0.8930	0.7843	0.4091
phy		0.6316	0.3684	0.6316	0.2632	0.8991
pima		0.6842	0.3158	0.6560	0.2808	0.7925
pirvision		0.2234	0.5177	0.1219	-0.2702	0.4730
placement		0.7730	0.2270	0.7752	0.5447	0.6997
plant-growth		0.8947	0.1053	0.8944	0.7889	0.4478
plrx		0.6667	0.3333	0.5282	0.0526	0.9011
poker		0.5018	0.0996	0.2368	0.1227	0.7289
poker1%		0.4527	0.1095	0.2057	0.0442	0.7182
poker10%		0.4630	0.1074	0.2089	0.0548	0.7083
polish-1st		0.9331	0.0669	0.5033	0.0066	0.6332
polish-2nd		0.9204	0.0796	0.5139	0.0276	0.6061
polish-3rd		0.9210	0.0790	0.5029	0.0057	0.6570

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9133	0.0867	0.5645	0.1290	0.6535
polish-5th			0.9069	0.0931	0.6185	0.2362	0.6682
polya			0.7211	0.2789	0.6942	0.3882	0.8091
popularity			0.5453	0.3032	0.3909	0.1028	0.7491
post-operative			0.2222	0.5185	0.1667	-0.4000	0.4767
postures			0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7230	0.4412	0.7804
prestige			0.1111	0.5926	0.1667	-0.3846	0.6925
primary-tumor			0.2727	0.0661	0.1284	0.1935	0.2746
processed			0.8191	0.1809	0.8416	0.6382	0.4913
profb			0.6418	0.3582	0.6130	0.2239	0.8794
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%			0.9819	0.0072	0.9689	0.9757	0.0493
pufs-128			0.5009	0.4991	0.5009	0.0017	0.9995
pufs-1281%			0.4962	0.5038	0.4962	-0.0077	1.0000
pufs-12810%			0.4970	0.5030	0.4970	-0.0060	1.0000
pufs-64			0.5027	0.4973	0.5027	0.0055	0.9985
pufs-641%			0.5088	0.4913	0.5087	0.0175	0.9950
pufs-6410%			0.5060	0.4940	0.5060	0.0120	0.9966
pulsar			0.8196	0.1804	0.7577	0.4153	0.5240
raisin			0.8556	0.1444	0.8563	0.7111	0.5413
rcv1			0.2422	0.0437	0.0178	-0.0101	0.2765
rcv11%			0.4056	0.0224	0.1564	0.2553	0.3790
rcv110%			0.5560	0.0168	0.3022	0.4811	0.5852
re0-wc			0.6133	0.0595	0.5859	0.5065	0.4841
re1-wc			0.5181	0.0386	0.4769	0.4426	0.3909
rejafada			0.9548	0.0452	0.6889	0.3766	0.5971
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.6277	0.0115	0.2558	0.4256	0.3725
rice			0.9846	0.0154	0.9845	0.9689	0.1010
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5617	0.4383	0.5524	0.1044	0.9541
RT_IOT2022			0.9981	0.0003	0.9764	0.9951	0.0037
satimage			0.9098	0.0301	0.8990	0.8890	0.1551
satimageF			0.9876	0.0124	0.9684	0.9367	0.1925
satimageT			0.9393	0.0607	0.8366	0.6730	0.5142
scadi			0.7143	0.0816	0.3896	0.6111	0.0825
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.0000	0.6667	0.0000	-0.5000	0.8584
segment			0.9437	0.0161	0.9494	0.9342	0.0732
segmentation			0.7921	0.2079	0.8007	0.5806	0.6309
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.8953	0.1047	0.5630	0.1260	0.6775
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.7895	0.2105	0.5147	0.0294	0.7847
sens-10-gram			0.8058	0.1942	0.5518	0.1029	0.7773
sens-2-gram			0.8079	0.1921	0.5688	0.1374	0.7671
sens-3-gram			0.8000	0.2000	0.5549	0.1097	0.7712
sens-4-gram			0.7447	0.2553	0.5477	0.0912	0.7360
sens-5-gram			0.7553	0.2447	0.4945	-0.0109	0.7713
sens-6-gram			0.7789	0.2211	0.5617	0.1221	0.7555

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.7632	0.2368	0.5374	0.0737	0.7570
sens-8-gram			0.7789	0.2211	0.5546	0.1084	0.7595
sens-9-gram			0.7737	0.2263	0.5512	0.1012	0.7576
sensorless			0.8304	0.0308	0.8312	0.8135	0.1901
sepsis			0.8392	0.1608	0.5113	0.0226	0.7195
shoppers			0.8483	0.1517	0.6934	0.3852	0.7031
shuttle			0.9993	0.0002	0.9040	0.9981	0.1298
sick			0.9469	0.0530	0.7550	0.4968	0.5125
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin			0.9998	0.0002	0.9997	0.9994	0.0042
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming			0.3600	0.3200	0.3515	0.1444	0.7752
smk_can_187			0.6842	0.3158	0.6833	0.3667	0.8414
smoking			0.7069	0.2931	0.7505	0.4458	0.6457
soil_pollution			0.2033	0.3187	0.2068	0.0053	0.8600
solar-flare			0.7338	0.0887	0.6372	0.6622	0.2669
sonar			0.8000	0.2000	0.8276	0.6000	0.4308
soybean			0.9559	0.0046	0.9835	0.9516	0.0339
spam-detection			0.6200	0.3800	0.6778	0.2009	0.3906
spambase			0.8935	0.1065	0.8885	0.7770	0.4601
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.4340	0.0236	0.2139	0.4038	0.1407
splice-EI			0.8612	0.1388	0.8322	0.6577	0.5855
splice-IE			0.8391	0.1609	0.7917	0.5798	0.6479
sport-articles			0.8200	0.1800	0.8069	0.6139	0.6416
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.4000	0.4000	0.2222	-0.0714	0.4316
startup			0.9785	0.0215	0.9773	0.9537	0.1496
steel_industry			0.8593	0.0938	0.8243	0.7713	0.3023
steel-b			0.8462	0.1538	0.7769	0.5528	0.6568
steel-d			0.9846	0.0154	0.8820	0.7613	0.4382
steel-k			0.9897	0.0103	0.9843	0.9685	0.1057
steel-o			0.8154	0.1846	0.7943	0.5879	0.6550
steel-p			0.9385	0.0615	0.7734	0.5390	0.5226
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9192	0.8247	0.4176
stellar			0.0939	0.6041	0.1000	-0.2032	0.7646
stock			0.7778	0.2222	0.7779	0.4820	0.5678
stockb			0.0000	0.6667	0.0000	-0.4991	0.8374
streaming			0.7920	0.2080	0.7945	0.5847	0.6680
stress			0.0000	0.4000	0.0000	-0.2501	0.4763
student-lifestyle			0.1000	0.3600	0.0609	-0.2456	0.7054
student-depression			0.8280	0.1720	0.8258	0.6499	0.6109
student-habits			0.2300	0.3080	0.1764	-0.0297	0.8207
student-weekend			0.2462	0.3015	0.1914	-0.0189	0.8193
student-workday			0.6562	0.1375	0.2180	0.1549	0.4716
studentap			0.4615	0.3590	0.4388	0.1875	0.5596
susy			0.7183	0.2817	0.7157	0.4313	0.7980
susy1%			0.7092	0.2908	0.7061	0.4114	0.8095
susy10%			0.7152	0.2848	0.7124	0.4247	0.8022
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5333	0.3000	0.5691
telco-churn			0.8125	0.1875	0.8117	0.5907	0.5935
texture			0.9800	0.0036	0.9810	0.9779	0.0290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.9771	0.0229	0.9768	0.9531	0.1496
thoracic			0.5957	0.4043	0.3733	-0.2317	0.7381
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7292	0.2708	0.4217	-0.0443	0.7051
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.7182	0.2818	0.6825	0.3647	0.8145
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.7059	0.1471	0.7208	0.6101	0.2469
toxicity			0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f			0.6471	0.3529	0.6136	0.2273	0.8920
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.5467	0.4533	0.4216	-0.1549	0.9021
trec11-wc			0.3659	0.1409	0.4942	0.3046	0.3069
trec12-wc			0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc			0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc			0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc			0.6022	0.1137	0.4442	0.4655	0.3375
trec41-wc			0.4886	0.1023	0.5556	0.4198	0.3356
trec45-wc			0.4203	0.1159	0.4711	0.2741	0.3280
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.6750	0.1625	0.6783	0.5667	0.3341
tvnews			0.9437	0.0563	0.9391	0.8768	0.2763
tvnews1%			0.8846	0.1154	0.8748	0.7468	0.4714
tvnews10%			0.8651	0.1349	0.8541	0.7079	0.5394
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.6716	0.0730	0.6936	0.6184	0.2914
urinalysis			0.7762	0.2238	0.6555	0.1994	0.4339
url-rep1%			0.7329	0.2671	0.7020	0.2580	0.4811
ustilago			0.9271	0.0729	0.5508	0.0469	0.2377
ustilago1%			0.9560	0.0440	0.4888	-0.0154	0.3202
ustilago10%			0.9409	0.0591	0.5254	0.0295	0.2890
vehicle			0.7262	0.1369	0.6661	0.6291	0.2324
vehicleVAN			0.9762	0.0238	0.9701	0.9385	0.2027
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17			0.9068	0.0932	0.6337	0.2250	0.5956
wap-wc			0.3846	0.0615	0.2776	0.3190	0.3477
warpar10p			0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.9429	0.0163	0.9423	0.9332	0.0922
watch-acc1%			0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%			0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr			0.9095	0.0258	0.9086	0.8943	0.1376
watch-gyr1%			0.7380	0.0749	0.7369	0.6941	0.3240
watch-gyr10%			0.8311	0.0483	0.8300	0.8027	0.2263
water_pollution			0.2533	0.3733	0.2536	0.0044	0.8571
waveform			0.6660	0.2227	0.6669	0.4987	0.5918
weather-related			0.0000	0.1818	0.0000	-0.1806	0.6868
web-phishing			0.8593	0.0938	0.7943	0.7525	0.4168
Weekly			0.9630	0.0370	0.9641	0.9256	0.1858
weight-lift			0.9934	0.0027	0.9931	0.9916	0.0203
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9689	0.0311	0.8324	0.6645	0.4687
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white			0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg			0.9984	0.0004	0.9970	0.9980	0.0075
winnipeg10%			0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5203	0.0959	0.3344	0.3881	0.4601
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9324	0.0676	0.4825	-0.0292	0.6521
zip			0.9591	0.0082	0.9546	0.9542	0.0668

Table 102: Detailed results for LR(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2014	0.0551	0.1030	0.1209	0.4451
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9756	0.0244	0.9482	0.8950	0.1934
adult		0.8462	0.1538	0.7749	0.5441	0.6291
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.8492	0.1508	0.4592	-0.0794	0.7334
AID_1431_MACCSFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878		0.8095	0.1905	0.5447	0.0437	0.6386
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8889	0.1111	0.7333	0.3010	0.2451
AID1608Morered		0.8835	0.1165	0.5402	0.0804	0.6801
AID1608red		0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8545	0.1455	0.7886	0.5630	0.5768
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8510	0.1490	0.5880	0.0211	0.3661
airline		0.8744	0.1256	0.8719	0.7435	0.5028
alcohol		0.8000	0.0800	0.4354	0.5368	0.2347
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8419	0.1581	0.8252	0.6498	0.5969
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family		0.9458	0.0271	0.7705	0.8951	0.1516
anuran-genus		0.9611	0.0097	0.8986	0.9359	0.1727
anuran-species		0.9750	0.0050	0.9403	0.9652	0.0580
anxiety		0.0833	0.2037	0.0827	-0.0333	0.8384
apple-quality		0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure		0.9908	0.0092	0.8589	0.7131	0.3366
arabidopsis		0.9920	0.0080	0.6248	0.0692	0.1659
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9935	0.0065	0.7392	0.4184	0.3130
arabidopsis10%		0.9921	0.0079	0.6395	0.0877	0.1595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.6889	0.0479	0.3754	0.4750	0.2270
auction		0.8971	0.1029	0.7211	0.3859	0.5057
audiology		0.7826	0.0181	0.3472	0.7416	0.0717
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.5587	0.0736	0.4259	0.3481	0.3635
babies		0.4355	0.1613	0.1726	0.1133	0.4723
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.9111	0.0889	0.7492	0.4859	0.5659
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.9749	0.0251	0.9749	0.9497	0.1579
bio		0.9972	0.0028	0.9140	0.8196	0.1325
bio10%		0.9966	0.0034	0.9154	0.8259	0.3982
biodeg		0.8762	0.1238	0.8695	0.7388	0.5111
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0010	0.0342	-0.0000	0.0135
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9857	0.0010	0.0342	-0.0001	0.0332
body-perf		0.6306	0.1847	0.6290	0.5075	0.5001
bookings		0.9899	0.0068	0.7486	0.9785	0.0562
brain-tumor		0.5080	0.4920	0.5079	0.0159	0.9952
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.5714	0.7143	0.0558
bub10at310k-hg16-17		0.9100	0.0900	0.6609	0.0189	0.2078
bub12at310k-hg16-17		0.9096	0.0904	0.6307	0.0129	0.2267
bub8at310k-hg16-17		0.9099	0.0901	0.6414	0.0190	0.2251
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4900	0.3400	0.2584	-0.0047	0.3805
car		0.8736	0.0632	0.7542	0.7301	0.2958
car-insurance		0.8320	0.1680	0.8008	0.6003	0.6312
card		0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography		0.8216	0.0357	0.7464	0.7853	0.2199
cardiotocography-nsp		0.8967	0.0689	0.8082	0.7183	0.3598
cardiovascular		0.7193	0.2807	0.7200	0.4386	0.7915
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5859	0.4743	0.5217
cas_N6512_cdk_ECFP2		0.7450	0.2550	0.7429	0.4854	0.7585
cas_N6512_rdkit_ATOMPAIR		0.7277	0.2723	0.7255	0.4507	0.7843
cas_N6512_RDkit_AtomPair_FP		0.7071	0.2929	0.7043	0.4077	0.8118
cas_N6512_rdkit_AVALON		0.7512	0.2488	0.7507	0.5009	0.7477
cas_N6512_RDkit_Avalon_FP		0.7684	0.2316	0.7667	0.5333	0.7214
cas_N6512_rdkit_descriptors		0.7415	0.2585	0.7400	0.4800	0.7642
cas_N6512_rdkit_FEATMORGAN		0.7404	0.2596	0.7386	0.4772	0.7660
cas_N6512_RDkit_Featmorgan_FP		0.7469	0.2531	0.7451	0.4900	0.7559
cas_N6512_RDkit_FP		0.7117	0.2883	0.7094	0.4185	0.8068
cas_N6512_rdkit_LAYERED		0.7538	0.2462	0.7526	0.5052	0.7450
cas_N6512_RDkit_Layered_FP		0.7454	0.2546	0.7433	0.4861	0.7576

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7634	0.2366	0.7615	0.5200	0.7224
cas_N6512_RDkit_MACCS_FP		0.7577	0.2423	0.7565	0.5129	0.7389
cas_N6512_rdkit_MORGAN		0.7262	0.2738	0.7240	0.4477	0.7866
cas_N6512_RDkit_morgan_FP		0.7592	0.2408	0.7575	0.5150	0.7367
cas_N6512_rdkit_PATTERN		0.7738	0.2262	0.7728	0.5455	0.7122
cas_N6512_RDkit_pattern_FP		0.7638	0.2362	0.7633	0.5262	0.7278
cas_N6512_rdkit_RDKITFP		0.7235	0.2765	0.7224	0.4446	0.7899
cas_N6512_rdkit_TORSION		0.7108	0.2892	0.7089	0.4178	0.8080
ccds		0.9656	0.0344	0.7175	0.3889	0.4360
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9361	0.0639	0.6459	0.2843	0.6017
cdc_diabetes		0.8484	0.1010	0.4247	0.2040	0.3257
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7876	0.2124	0.7697	0.5392	0.7056
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9468	0.0532	0.6031	0.1614	0.5436
CDS49_AID687_Rdkit-ecfp4-fp		0.9955	0.0045	0.4989	-0.0023	0.5249
census		0.9521	0.0479	0.7624	0.4937	0.4396
census10%		0.9535	0.0465	0.7526	0.4725	0.4461
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8935	0.0533	0.8867	0.8404	0.2125
chrom19		0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8044	0.6057	0.4153
chrom21		0.9998	0.0002	0.6147	0.0769	0.1820
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml		0.8689	0.1311	0.6742	0.2844	0.5710
ci900367j_MACCS		0.7368	0.2632	0.7141	0.4254	0.7798
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8009	0.0995	0.5583	0.6874	0.3137
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.4607	0.1927	0.7513
cnae-9		0.9815	0.0041	0.9818	0.9792	0.0209
codon_usage		0.8780	0.0222	0.7046	0.8518	0.2256
coil20		0.9861	0.0014	0.9871	0.9854	0.0100
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.5000	0.0667	0.4541	0.4457	0.2645
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5207	0.4646	0.5419	0.0312	0.7843
comedy_comparisons1%		0.5356	0.4644	0.5341	0.0682	0.9783
comedy_comparisons10%		0.5732	0.4268	0.5719	0.1435	0.9510
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7740	0.2260	0.7741	0.5481	0.7105
coupon		0.6806	0.3194	0.6710	0.3404	0.8477
covid19		0.5390	0.1317	0.2170	0.1656	0.3326
covtype		0.7249	0.0786	0.5392	0.5483	0.3746
covtype10%		0.7203	0.0799	0.5549	0.5387	0.3636
covtypeCD		0.9468	0.0532	0.8815	0.7596	0.3732
covtypeT		0.9421	0.0579	0.7417	0.4674	0.5240
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9994	0.0006	0.9058	0.8043	0.1705
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8949	0.0350	0.7830	0.7806	0.3112
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1875	0.0406	0.1364	0.1663	0.1274
customer-churn		0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity		0.1533	0.2822	0.1564	-0.0189	0.8804
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7037	0.2963	0.6971	0.3941	0.8201
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1026	0.1795	0.1020	0.0027	0.9220
day1%		0.7138	0.2876	0.6906	0.2471	0.4777
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8147	0.1853	0.6859	0.3008	0.5989
defect		0.8827	0.1173	0.7477	0.4323	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9011	0.0989	0.7193	0.4145	0.5771
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7167	0.2833	0.6306	0.2609	0.8304
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9566	0.0434	0.8457	0.6772	0.3560
diabetes-risk		0.8521	0.1479	0.7531	0.4922	0.6210
diabetic		0.5741	0.2839	0.4368	0.1710	0.6071
diabetic1%		0.4902	0.3399	0.4205	0.1377	0.7613
diabetic10%		0.5138	0.3242	0.3856	0.0920	0.7290
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9667	0.0167	0.9601	0.9538	0.0537
diamonds_all		0.6468	0.1413	0.5523	0.4876	0.4615
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9956	0.0044	0.6060	0.2121	0.5404
dna1%		0.9972	0.0028	0.6198	0.1351	0.3043
dna10%		1.0000	0.0044	0.5332	0.0711	0.5402
dorothea		0.9217	0.0783	0.7469	0.4848	0.5665
dota2		0.6004	0.3997	0.5971	0.1926	0.9261
dota210%		0.5689	0.4311	0.5655	0.1301	0.9537
drebin		0.9787	0.0213	0.9772	0.9544	0.1485
dropout		0.7698	0.1535	0.6920	0.6138	0.4604

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.4255	0.1641	0.1858	0.1006	0.5279
drug-02		0.5053	0.1413	0.1888	0.1172	0.5774
drug-03		0.6596	0.0973	0.1302	0.0227	0.3937
drug-04		0.5106	0.1398	0.1942	0.0926	0.6149
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4043	0.1702	0.2249	0.2417	0.5586
drug-07		0.4468	0.1581	0.1335	0.0525	0.3554
drug-08		0.5638	0.1246	0.2054	0.1349	0.4238
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.2456	0.1527	0.3701
drug-11		0.8511	0.0426	0.1317	0.0277	0.1222
drug-12		0.7872	0.0608	0.1258	-0.0056	0.2801
drug-13		0.6330	0.1049	0.2633	0.2770	0.3634
drug-14		0.5851	0.1185	0.2548	0.2424	0.4199
drug-15		0.7447	0.0729	0.1235	0.0355	0.2841
drug-16		0.6064	0.1125	0.2937	0.3379	0.3799
drug-17		0.3564	0.1839	0.1626	0.1042	0.5075
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7553	0.0699	0.1229	-0.0198	0.2767
drybean		0.9265	0.0210	0.9390	0.9112	0.1224
ecoli		0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2800	0.3600	0.2797	0.0399	0.8248
eeg		0.3878	0.0765	0.4159	0.3213	0.6429
eeg-eye		0.6028	0.3972	0.5905	0.1693	0.9030
eeg10%		0.3875	0.0766	0.4120	0.3207	0.5803
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6027	0.1589	0.5651	0.4905	0.4362
euthyroid		0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq		0.8954	0.1046	0.8966	0.7910	0.4368
exon.vs.intron-freq10%		0.8900	0.1100	0.8906	0.7800	0.4561
fakenews		0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads		0.9010	0.0990	0.9011	0.8000	0.4162
fbis-wc		0.8577	0.0167	0.8313	0.8382	0.1031
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7843	0.2157	0.7883	0.5523	0.6208
financial-risk		0.8415	0.0528	0.6474	0.7474	0.2378
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.6000	0.1000	0.3291	0.4737	0.2642
fonts		0.4386	0.0073	0.2057	0.4018	0.6444
fonts10%		0.4205	0.0076	0.1644	0.3855	0.6719
forest		0.9231	0.0385	0.9006	0.8941	0.1186
gas		0.9885	0.0038	0.9883	0.9861	0.0296
gastrointestinal		0.6250	0.2500	0.5906	0.3962	0.5975
gender		0.6000	0.2667	0.3800	0.1424	0.5617
gene		0.9148	0.0568	0.9033	0.8639	0.2413
german		0.7600	0.2400	0.7248	0.4103	0.6710
gestures		0.3348	0.3326	0.3347	0.1130	0.8051
gina		0.8184	0.1816	0.8184	0.6366	0.6282
gisette		0.9743	0.0257	0.9743	0.9486	0.1615
glass		0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.6000	0.2000	0.6021	0.4578	0.3434
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.9652	0.0058	0.8737	0.9589	0.0492
har		0.7355	0.1058	0.7248	0.6646	0.4136
har70		0.7679	0.0663	0.4249	0.6250	0.1740
har701%		0.7677	0.0664	0.4262	0.6252	0.1787
har7010%		0.7677	0.0664	0.4233	0.6246	0.1734
harth		0.6609	0.0565	0.2344	0.5135	0.2480
harth1%		0.6606	0.0566	0.2318	0.5135	0.2452
harth10%		0.6598	0.0567	0.2355	0.5122	0.2483
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.7059	0.2941	0.6913	0.3796	0.8165
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.8365	0.1635	0.8365	0.6729	0.5907
hepmass1%		0.8368	0.1632	0.8368	0.6735	0.5901
hepmass10%		0.8358	0.1642	0.8358	0.6716	0.5922
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.6421	0.3579	0.6390	0.2738	0.8810
higgs0.1%		0.6600	0.3400	0.6573	0.3120	0.8652
higgs1%		0.6419	0.3581	0.6388	0.2719	0.8776
higgs10%		0.6421	0.3579	0.6394	0.2741	0.8798
higher		0.1429	0.2143	0.0556	0.0059	0.3477
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9292	0.0708	0.8719	0.7433	0.4465
hiva		0.9527	0.0473	0.4879	-0.0181	0.6050
horse		0.5833	0.2778	0.5593	0.2867	0.6483
hotel-reservartions		0.8233	0.1767	0.7939	0.5843	0.6373
hr		0.8526	0.1474	0.4602	-0.0199	0.5496
ht-sensor		0.5843	0.2771	0.5876	0.3764	0.6473
ht-sensor10%		0.5665	0.2890	0.5698	0.3503	0.6640
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9682	0.0159	0.6479	0.7904	0.1693
hypothyroidT		0.9655	0.0345	0.8668	0.6944	0.1058
ilpd		0.7288	0.2712	0.6138	0.1243	0.6306
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9480	0.0260	0.9485	0.9307	0.1053
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9307	0.0053	0.9322	0.9279	0.0640

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8118	0.1882	0.6119	0.1295	0.5906
jvowels		0.9488	0.0114	0.9452	0.9420	0.0817
kc1		0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.5714	0.0357	0.0351	0.1923	0.1466
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.8130	0.0468	0.7162	0.7819	0.2497
kddcup98		0.9288	0.0712	0.5075	0.0130	0.6550
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9298	0.0702	0.5516	0.0961	0.6499
kddcup99		0.9996	0.0000	0.6192	0.9993	0.0606
kddcup991%		0.9990	0.0001	0.5458	0.9983	0.0089
kddcup9910%		0.9992	0.0001	0.6561	0.9987	0.0405
kepler		0.8734	0.0844	0.8282	0.7915	0.2166
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.2795	0.0801	0.2466	0.1802	0.5752
krvskp		0.9687	0.0313	0.9690	0.9373	0.1810
la1s-wc		0.8762	0.0413	0.8526	0.8453	0.2232
la2s-wc		0.8709	0.0430	0.8500	0.8379	0.2398
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7647	0.0118	0.4643	0.7547	0.0391
led24		0.6000	0.0800	0.6196	0.5531	0.1924
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7725	0.0175	0.7697	0.7633	0.2299
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8889	0.0148	0.8999	0.8806	0.0506
linkage		1.0000	0.0000	0.9983	0.9966	0.0031
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9180	0.0820	0.9123	0.8240	0.3820
localization		0.3989	0.1093	0.1734	0.1729	0.5188
localization10%		0.3908	0.1108	0.1632	0.1621	0.5256
lrs		0.8868	0.0226	0.4605	0.8418	0.0529
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.8889	0.0247	0.5442	0.8421	0.0489
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5731	0.4269	0.5741	0.1462	0.9445
magic04		0.7817	0.2183	0.7523	0.4971	0.7031
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.9018	0.0982	0.7768	0.5110	0.4530
maternal		0.6040	0.2640	0.6032	0.3908	0.5676
math		0.7750	0.1125	0.7407	0.6542	0.3255
mba		0.8226	0.1183	0.3814	0.1099	0.3810
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2433	0.3027	0.2471	0.0528	0.8336

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.7304	0.2696	0.7342	0.4627	0.7633
meter-A			0.6250	0.3750	0.7241	0.3333	0.5283
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.7222	0.1389	0.7290	0.6070	0.2414
meter-D			0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac			0.9750	0.0050	0.9755	0.9722	0.0293
mfeat-fou			0.8300	0.0340	0.8316	0.8111	0.1583
mfeat-kar			0.9550	0.0090	0.9555	0.9500	0.0568
mfeat-mor			0.7250	0.0550	0.7326	0.6944	0.1810
mfeat-pix			0.9750	0.0050	0.9764	0.9722	0.0262
mfeat-zer			0.8000	0.0400	0.8012	0.7778	0.1245
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.8774	0.0818	0.8811	0.8152	0.2779
mines			0.5000	0.2000	0.4355	0.3738	0.4046
mobile			0.8357	0.0059	0.8440	0.8327	0.0748
monks-1			0.6364	0.3636	0.6382	0.2696	0.8776
monks-2			0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3			0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4906	0.0926	0.4968	0.3836	0.5317
musk			0.9379	0.0621	0.8732	0.7235	0.2657
MUT_ci300400a_cdk_ECFP2			0.7926	0.2074	0.7862	0.5722	0.6844
MUT_ci300400a_cdk_ECFP4			0.7796	0.2204	0.7721	0.5437	0.7068
MUT_ci300400a_cdk_ECFP6			0.7569	0.2431	0.7482	0.4956	0.7440
MUT_ci300400a_cdk_ESTATE			0.7254	0.2746	0.7163	0.4324	0.7924
MUT_ci300400a_cdk_EXTENDED			0.7902	0.2098	0.7838	0.5676	0.6888
MUT_ci300400a_cdk_FCFP2			0.7820	0.2180	0.7744	0.5483	0.7023
MUT_ci300400a_cdk_FCFP4			0.7662	0.2338	0.7583	0.5162	0.7298
MUT_ci300400a_cdk_FCFP6			0.7818	0.2182	0.7764	0.5527	0.7031
MUT_ci300400a_cdk_MACCS			0.7626	0.2374	0.7528	0.5012	0.7264
MUT_ci300400a_cdk_PUBCHEM			0.8311	0.1689	0.8251	0.6488	0.6027
MUT_ci300400a_cdk_STANDARD			0.7784	0.2216	0.7724	0.5448	0.7094
MUT_ci300400a_rdkit_descriptors			0.7857	0.2143	0.7799	0.5593	0.6946
myocardial			0.8412	0.0397	0.2811	0.3849	0.6524
naticusdroid			0.9628	0.0372	0.9629	0.9257	0.2123
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.8333	0.0370	0.5556	0.8065	0.0000
ncRNA			0.8759	0.0131	0.2634	0.6129	0.2232
ncRNA1%			0.8758	0.0131	0.2615	0.6092	0.2089
ncRNA10%			0.8782	0.0128	0.2824	0.6216	0.2347
neo			0.9026	0.0974	0.6070	0.1100	0.4718
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.7784	0.0101	0.7820	0.7713	0.1805
newspop			0.6478	0.3522	0.6451	0.2895	0.8824
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9437	0.0563	0.9308	0.8617	0.3235
NPHA-doctor-visits			0.4722	0.3519	0.2645	-0.0696	0.6591
nursery			0.9313	0.0275	0.7116	0.8991	0.1221
obesity			0.8294	0.0487	0.8251	0.8008	0.1986
obs			0.8241	0.0880	0.8618	0.7343	0.2235
occupancy			0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation			0.9931	0.0035	0.9767	0.9790	0.0301
oh0-wc			0.8713	0.0257	0.8780	0.8535	0.1153
oh10-wc			0.7524	0.0495	0.7420	0.7179	0.2381
oh15-wc			0.7174	0.0565	0.6944	0.6785	0.2636
oh5-wc			0.8242	0.0352	0.8164	0.8016	0.1703

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.7106	0.0579	0.6939	0.6761	0.3715
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9092	0.0908	0.6567	0.0019	0.2090
opn310k10%		0.9133	0.0867	0.6366	0.0549	0.2693
opnat310k-hg16-17		0.9092	0.0908	0.6251	0.0055	0.2193
optdigits		0.9609	0.0078	0.9623	0.9565	0.0568
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr		0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7732	0.2268	0.7580	0.5127	0.7218
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8654	0.7299	0.5231
p53-mutants		0.9959	0.0041	0.7750	0.5496	0.4813
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9689	0.0124	0.8747	0.8135	0.2472
parkinson		0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons		0.8009	0.1991	0.7951	0.5872	0.6668
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8852	0.1148	0.8535	0.7034	0.4975
particle10%		0.8646	0.1354	0.8260	0.6471	0.5521
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4742	0.5258	0.4632	-0.0735	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia		0.8529	0.0420	0.7841	0.8184	0.1102
pendigits		0.9490	0.0102	0.9487	0.9433	0.0788
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.7988	0.2012	0.7836	0.5667	0.6799
personalities		0.9187	0.0102	0.9187	0.9132	0.1296
pet-adoption		0.9200	0.0800	0.9103	0.8088	0.2835
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL		1.0000	0.0000	1.0000	0.9999	0.0005
PhiUSIIL10%		0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc		0.6839	0.0903	0.6522	0.6296	0.3054
phone-acc0.1%		0.6815	0.0910	0.6568	0.6267	0.3011
phone-acc1%		0.6814	0.0910	0.6477	0.6266	0.3023
phone-acc10%		0.6830	0.0906	0.6513	0.6286	0.3058
phone-gyr		0.6711	0.0940	0.6349	0.6143	0.3031
phone-gyr0.1%		0.6712	0.0939	0.6340	0.6143	0.2978
phone-gyr1%		0.6692	0.0945	0.6331	0.6122	0.3037
phone-gyr10%		0.6711	0.0940	0.6349	0.6144	0.3020
phoneme		0.7593	0.2407	0.6882	0.3725	0.7782
phy		0.7066	0.2934	0.7066	0.4131	0.8120
pima		0.6974	0.3026	0.6735	0.3063	0.7532
pirvision		0.9895	0.0070	0.9819	0.9670	0.0760
placement		0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth		0.8947	0.1053	0.8944	0.7889	0.4478
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1001	0.0666	0.0000	0.1726
poker1%		0.4927	0.1015	0.0927	-0.0072	0.2226
poker10%		0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st		0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd		0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd		0.9495	0.0505	0.4871	-0.0054	0.3653

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th			0.9306	0.0694	0.6122	0.1119	0.4175
polya			0.7881	0.2119	0.7632	0.5217	0.6952
popularity			0.6618	0.2255	0.4591	0.2041	0.4874
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8434	0.0626	0.8438	0.8042	0.2532
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6338	0.2647	0.8906
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.5152	0.0441	0.3170	0.4634	0.1882
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.8507	0.1493	0.8308	0.6616	0.5882
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8339	0.0664	0.7811	0.7755	0.2497
puc-rio10%			0.8401	0.0640	0.7799	0.7839	0.2489
pufs-128			0.5006	0.4994	0.5006	0.0012	0.9996
pufs-1281%			0.5080	0.4920	0.5080	0.0160	0.9953
pufs-12810%			0.4997	0.5003	0.4997	-0.0005	1.0000
pufs-64			0.5019	0.4981	0.5019	0.0038	0.9980
pufs-641%			0.5000	0.5000	0.5000	0.0000	1.0000
pufs-6410%			0.5020	0.4980	0.5020	0.0040	0.9988
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9222	0.0778	0.9223	0.8444	0.3630
rcv1			0.2419	0.0443	0.0176	-0.0102	0.2760
rcv11%			0.8222	0.0067	0.4318	0.8021	0.1462
rcv110%			0.8725	0.0048	0.6208	0.8582	0.1978
re0-wc			0.7800	0.0338	0.7818	0.7186	0.2882
re1-wc			0.7952	0.0164	0.6502	0.7665	0.1862
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8795	0.0037	0.4425	0.8361	0.2893
rice			0.9863	0.0137	0.9862	0.9722	0.0934
rnaseq			0.9875	0.0050	0.9900	0.9835	0.0307
rocket			0.6081	0.3919	0.5793	0.1540	0.9234
RT_IOT2022			0.9908	0.0015	0.9461	0.9770	0.0152
satimage			0.8538	0.0487	0.8190	0.8189	0.2005
satimageF			0.9844	0.0156	0.9595	0.9188	0.1877
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8846	0.1154	0.5970	0.1894	0.6462
secondary_mushroom			0.8720	0.1280	0.8708	0.7414	0.5104
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9567	0.0124	0.9611	0.9494	0.0572
segmentation			0.8168	0.1832	0.7977	0.5945	0.6489
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8714	0.1286	0.6326	0.1598	0.5121
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8526	0.1474	0.5721	0.1148	0.6944
sens-4-gram			0.8342	0.1658	0.5868	0.1688	0.7528
sens-5-gram			0.8447	0.1553	0.5848	0.1559	0.7338
sens-6-gram			0.8684	0.1316	0.6184	0.1710	0.5974

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8553	0.1447	0.5773	0.1204	0.6805
sens-8-gram			0.8526	0.1474	0.5892	0.1542	0.7056
sens-9-gram			0.8737	0.1263	0.6401	0.2042	0.5646
sensorless			0.9046	0.0173	0.9045	0.8951	0.1024
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8856	0.1144	0.7440	0.4269	0.4764
shuttle			0.9659	0.0098	0.7598	0.9019	0.1163
sick			0.9602	0.0398	0.8172	0.6142	0.3752
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9187	0.0813	0.8777	0.7553	0.4669
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming			0.1600	0.4200	0.1587	-0.1194	0.8649
smk_can_187			0.8421	0.1579	0.8427	0.6816	0.5635
smoking			0.7481	0.2519	0.7339	0.4669	0.7621
soil_pollution			0.1967	0.3213	0.1993	-0.0058	0.8660
solar-flare			0.7554	0.0815	0.6528	0.6854	0.2183
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			1.0000	0.0000	1.0000	1.0000	0.0000
spam-detection			0.9430	0.0570	0.8110	0.6114	0.4556
spambase			0.9109	0.0891	0.9065	0.8106	0.3857
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer			0.5283	0.0197	0.1825	0.5002	0.1139
splice-EI			0.9558	0.0442	0.9434	0.8858	0.3029
splice-IE			0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles			0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7540	0.1640	0.7028	0.6006	0.4705
steel-b			0.8256	0.1744	0.7006	0.3742	0.6660
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9744	0.0256	0.9611	0.9221	0.2232
steel-o			0.7590	0.2410	0.7225	0.4065	0.6756
steel-p			0.9282	0.0718	0.7214	0.4253	0.5579
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9641	0.0359	0.9005	0.8006	0.3957
stellar			0.9588	0.0275	0.9528	0.9266	0.1416
stock			0.9167	0.0833	0.8521	0.7004	0.4623
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.8000	0.2000	0.7975	0.5949	0.6667
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6400	0.1440	0.3571	0.4053	0.4069
student-depression			0.8351	0.1649	0.8290	0.6571	0.5962
student-habits			0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend			0.3385	0.2646	0.2663	0.0978	0.6958
student-workday			0.6562	0.1375	0.2004	0.1222	0.5881
studentap			0.3077	0.4615	0.3111	-0.0636	0.7870
susy			0.7880	0.2120	0.7880	0.5664	0.6591
susy1%			0.7942	0.2058	0.7939	0.5797	0.6517
susy10%			0.7894	0.2106	0.7892	0.5697	0.6595
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.9020	0.0980	0.8726	0.7449	0.4736
texture			0.9964	0.0007	0.9964	0.9960	0.0058

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9319	0.0681	0.6991	0.2924	0.4421
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8998	0.1002	0.8669	0.7337	0.5005
tis10%			0.8209	0.1791	0.7453	0.4861	0.6841
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.8049	0.0434	0.7222	0.7576	0.1816
trec12-wc			0.8710	0.0323	0.9002	0.8420	0.0941
trec21-wc			0.9394	0.0202	0.6423	0.8738	0.1141
trec23-wc			0.8095	0.0635	0.8292	0.7462	0.2264
trec31-wc			0.9355	0.0184	0.8058	0.9140	0.0666
trec41-wc			0.9091	0.0182	0.7953	0.8869	0.0763
trec45-wc			0.8116	0.0377	0.7454	0.7787	0.1650
tuandromd			0.9798	0.0202	0.9686	0.9371	0.1727
turkish			0.8750	0.0625	0.8875	0.8333	0.1586
tvnews			0.8894	0.1106	0.8800	0.7596	0.4740
tvnews1%			0.9154	0.0846	0.9088	0.8176	0.3974
tvnews10%			0.8959	0.1041	0.8870	0.7727	0.4467
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8209	0.0398	0.8475	0.7910	0.1434
urinalysis			0.9510	0.0490	0.7039	0.3436	0.4349
url-rep1%			0.7354	0.2652	0.7001	0.2588	0.4813
ustilago			0.9919	0.0081	0.7434	0.4560	0.3914
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9844	0.0156	0.6317	0.2633	0.5621
vehicle			0.7500	0.1250	0.7237	0.6653	0.2107
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.6162	0.0698	0.6380	0.5778	0.1847
vowelZ			1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17			0.9222	0.0778	0.7090	0.3666	0.4989
wap-wc			0.8077	0.0192	0.6987	0.7849	0.1257
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.6301	0.1057	0.6151	0.5664	0.4084
watch-acc1%			0.6419	0.1023	0.6276	0.5801	0.3943
watch-acc10%			0.6292	0.1059	0.6138	0.5652	0.4073
watch-gyr			0.6368	0.1038	0.6226	0.5749	0.3710
watch-gyr1%			0.6301	0.1057	0.6140	0.5671	0.3766
watch-gyr10%			0.6324	0.1050	0.6181	0.5697	0.3729
water_pollution			0.2067	0.3967	0.2080	-0.0578	0.8893
waveform			0.8360	0.1093	0.8362	0.7540	0.3756
weather-related			0.9712	0.0052	0.9726	0.9673	0.0472
web-phishing			0.8148	0.1235	0.6614	0.6596	0.4652
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.8122	0.0751	0.8057	0.7621	0.3205
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9545	0.0455	0.6776	0.2518	0.3790
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5849	0.1384	0.2710	0.3189	0.3978
winequality-white			0.5317	0.1338	0.2565	0.2465	0.4592
winnipeg			0.9905	0.0027	0.9863	0.9879	0.0295
winnipeg10%			0.9862	0.0039	0.9831	0.9825	0.0260
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.5000	0.1000	0.3577	0.3533	0.3456
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9333	0.0133	0.9287	0.9253	0.1053

Table 103: Detailed results for LS-SVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2134	0.0542	0.1293	0.1412	0.5225
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.7000	0.3000	0.7000	0.4000	0.8211
ads		0.9421	0.0579	0.8723	0.7384	0.3750
adult		0.8557	0.1443	0.7868	0.5640	0.5928
advanced-iot		0.5923	0.1359	0.6029	0.5108	0.2440
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8889	0.1111	0.7333	0.3010	0.2451
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6000	0.4000	0.3750	-0.1765	0.9528
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.9014	0.0986	0.8606	0.7040	0.3906
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.9186	0.0814	0.9171	0.8338	0.3748
alcohol		0.7048	0.1181	0.3766	0.3057	0.3096
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8465	0.1535	0.8290	0.6549	0.5760
anneal		0.0899	0.3640	0.0364	-0.0737	0.2291
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.7900	0.1050	0.5231	0.6147	0.1787
anuran-genus		0.7566	0.0608	0.4535	0.5981	0.2114
anuran-species		0.4708	0.1058	0.4394	0.3589	0.2541
anxiety		0.1333	0.1926	0.0424	0.0131	0.4568
apple-quality		0.9025	0.0975	0.9025	0.8050	0.4249
aps-failure		0.9883	0.0117	0.8044	0.5767	0.2964
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6000	0.4000	0.6561	0.2593	0.7573

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.3556	0.0991	0.1915	0.1894	0.4484
auction		0.9608	0.0392	0.9118	0.8237	0.3574
audiology		0.1739	0.0688	0.0754	0.1329	0.1984
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9571	0.0429	0.9452	0.8898	0.2512
autism-child		0.8276	0.1724	0.8286	0.6556	0.6047
autos		0.5500	0.1500	0.3631	0.4249	0.2984
avila		0.4284	0.0953	0.2615	0.2760	0.4690
babies		0.4516	0.1567	0.1506	0.1357	0.4090
balance		0.3871	0.4086	0.4955	0.1865	0.4485
bank		0.9065	0.0935	0.7208	0.4069	0.5441
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9171	0.0829	0.9098	0.8153	0.3541
basehock		0.6533	0.3467	0.6559	0.3071	0.8644
bio		0.9949	0.0051	0.8332	0.6000	0.0220
bio10%		0.9925	0.0076	0.7307	0.2649	0.0305
biodeg		0.8762	0.1238	0.8713	0.7412	0.5090
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin		0.0057	0.0686	0.0004	0.0000	0.0741
bitcoin1%		0.1108	0.0613	0.0070	0.0017	0.0139
bitcoin10%		0.1489	0.0587	0.0091	0.0025	0.0520
body-perf		0.3134	0.3433	0.3525	0.0846	0.5282
brain-tumor		0.5055	0.4945	0.5053	0.0104	0.9912
breast-cancer		0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.6364	0.3636	0.6333	0.2667	0.8952
breast-tissue		0.3636	0.2121	0.3310	0.2596	0.2792
bridges		0.5000	0.1429	0.1020	0.0741	0.2523
bub10at310k-hg16-17		0.9107	0.0893	0.6580	0.0336	0.2169
bub12at310k-hg16-17		0.9103	0.0897	0.6483	0.0278	0.2255
bub8at310k-hg16-17		0.9100	0.0900	0.6242	0.0284	0.2553
cad		0.8667	0.1333	0.8413	0.6825	0.5614
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.8390	0.1610	0.8103	0.6200	0.6179
card		0.8406	0.1594	0.8400	0.6774	0.5801
cardiotocography		0.3756	0.1249	0.3376	0.2763	0.4694
cardiotocography-nsp		0.4883	0.3412	0.5913	0.1415	0.3236
cardiovascular		0.7364	0.2636	0.7369	0.4727	0.7678
cargo2k		0.6523	0.2318	0.6821	0.4821	0.3464
cars		0.6500	0.2333	0.4488	0.3694	0.4243
cas_N6512_cdk_ECFP2		0.7081	0.2919	0.7054	0.4101	0.8108
cas_N6512_rdkit_ATOMPAIR		0.6754	0.3246	0.6728	0.3455	0.8527
cas_N6512_RDkit_AtomPair_FP		0.7454	0.2546	0.7432	0.4856	0.7569
cas_N6512_rdkit_AVALON		0.7296	0.2704	0.7276	0.4552	0.7818
cas_N6512_RDkit_Avalon_FP		0.7347	0.2653	0.7334	0.4668	0.7740
cas_N6512_rdkit_descriptors		0.7862	0.2138	0.7855	0.5707	0.6903
cas_N6512_rdkit_FEATMORGAN		0.7158	0.2842	0.7155	0.4305	0.7987
cas_N6512_RDkit_Featmorgan_FP		0.7270	0.2730	0.7255	0.4510	0.7854
cas_N6512_RDkit_FP		0.7393	0.2607	0.7373	0.4744	0.7675
cas_N6512_rdkit_LAYERED		0.7508	0.2492	0.7504	0.5002	0.7482
cas_N6512_RDkit_Layered_FP		0.7270	0.2730	0.7246	0.4487	0.7848
cas_N6512_rdkit_MACCS		0.7773	0.2227	0.7754	0.5501	0.7052
cas_N6512_RDkit_MACCS_FP		0.7684	0.2316	0.7676	0.5351	0.7208

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.6969	0.3031	0.6938	0.3833	0.8179
cas_N6512_RDkit_morgan_FP		0.6840	0.3160	0.6811	0.3616	0.8418
cas_N6512_rdkit_PATTERN		0.7554	0.2446	0.7543	0.5084	0.7424
cas_N6512_RDkit_pattern_FP		0.7362	0.2638	0.7363	0.4718	0.7688
cas_N6512_rdkit_RDKITFP		0.7343	0.2657	0.7334	0.4666	0.7741
cas_N6512_rdkit_TORSION		0.6831	0.3169	0.6812	0.3624	0.8432
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7358	0.2642	0.7043	0.4071	0.7904
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5532	0.2040
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
census		0.9417	0.0583	0.6814	0.1838	0.2676
census10%		0.9469	0.0531	0.6979	0.2124	0.2299
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S		0.9302	0.0698	0.7711	0.5343	0.5353
children-anemia		0.2504	0.3748	0.2623	-0.0620	0.5246
chrom19		0.9996	0.0004	0.8726	0.7355	0.2381
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9993	0.0007	0.8240	0.6467	0.4092
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8390	0.1610	0.7146	0.3841	0.6011
churn-bigml		0.9363	0.0637	0.8686	0.7364	0.4396
ci900367j_MACCS		0.7158	0.2842	0.7034	0.4058	0.8046
circles		0.1780	0.0164	0.1773	0.1697	0.3184
cirrhosis		0.5714	0.2857	0.4511	0.2588	0.3240
cjs		0.5107	0.1631	0.5309	0.4052	0.2841
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.3407	0.3296	0.3259	0.0239	0.4322
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.4167	0.3889	0.4353	0.1600	0.4832
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4218	0.3855	0.3249	0.1298	0.5869
cnae-9		0.4907	0.1132	0.5094	0.4271	0.4040
codon_usage		0.4282	0.1040	0.3690	0.3538	0.4122
coil20		0.4306	0.0569	0.4529	0.4007	0.2627
college		0.8831	0.1169	0.8550	0.7097	0.5337
collins		0.5200	0.0640	0.4564	0.4755	0.0966
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6897	0.3103	0.6650	0.3290	0.8399
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.8966	0.1034	0.8993	0.7786	0.2939
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.4839	0.3441	0.5214	0.1802	0.5892
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%		0.5199	0.4801	0.5148	0.0083	0.6963
connect-4		0.2192	0.5205	0.3683	0.0090	0.0464

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cottonmeloidogyne		0.7404	0.2596	0.7423	0.4813	0.7556
coupon		0.7137	0.2863	0.7058	0.4103	0.8056
covtype		0.4903	0.1456	0.3363	0.2173	0.4268
covtype10%		0.4907	0.1455	0.3225	0.2150	0.4132
covtypeCD		0.9747	0.0253	0.9449	0.8887	0.2085
covtypeT		0.9745	0.0255	0.8955	0.7857	0.2815
crabs		0.6500	0.1750	0.6746	0.5333	0.2620
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.4876	0.1708	0.2836	0.1960	0.2399
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.0312	0.0484	0.0250	0.0060	0.1834
customer-churn		0.9808	0.0192	0.6716	0.1953	0.2533
cybersecurity		0.1533	0.2822	0.0443	0.0000	0.4044
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.6296	0.3704	0.6114	0.2163	0.8964
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dating		0.1022	0.1796	0.0185	0.0000	0.4069
day1%		0.6486	0.3514	0.6000	0.0270	0.5184
dbworld		0.7143	0.2857	0.7083	0.4167	0.8058
default		0.8233	0.1767	0.7065	0.3706	0.6300
defect		0.8951	0.1049	0.7797	0.5212	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9013	0.0987	0.7112	0.3790	0.5410
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.5405	0.1532	0.4110	0.4143	0.2572
desharnais		0.7500	0.1667	0.5333	0.4074	0.2614
dexter		0.5833	0.4167	0.5874	0.1667	0.9171
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.8333	0.1667	0.7575	0.4872	0.5975
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9538	0.0462	0.8326	0.6172	0.2247
diabetes-risk		0.8939	0.1061	0.8281	0.6473	0.4985
diabetic		0.5397	0.3068	0.3402	0.0019	0.3467
diabetic1%		0.5392	0.3072	0.2350	0.0039	0.3515
diabetic10%		0.5314	0.3124	0.3044	-0.0064	0.4358
diagnosis		0.8333	0.1667	0.8421	0.6364	0.3750
diamonds		0.6667	0.1667	0.6918	0.5519	0.2505
diamonds_all		0.5656	0.1737	0.5009	0.3854	0.4087
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5921	0.4079	0.5882	0.1701	0.9212
dota210%		0.5398	0.4602	0.5318	0.0596	0.9567
drebin		0.9634	0.0366	0.9606	0.9211	0.2127
dropout		0.6117	0.2588	0.4544	0.3455	0.4839
drug-01		0.2606	0.2112	0.1174	-0.0182	0.4782
drug-02		0.3777	0.1778	0.1191	0.0537	0.5255
drug-03		0.6702	0.0942	0.1440	0.1050	0.3079
drug-04		0.4309	0.1626	0.1350	0.1071	0.4841
drug-05		0.7287	0.0775	0.1204	-0.0081	0.2227
drug-06		0.0957	0.2584	0.1477	-0.0198	0.6149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-07		0.3617	0.1824	0.1260	-0.0128	0.3347
drug-08		0.4043	0.1702	0.1731	0.1382	0.4450
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.3191	0.1945	0.1376	0.0929	0.4874
drug-11		0.7819	0.0623	0.1411	0.1224	0.2517
drug-12		0.7819	0.0623	0.1532	0.0982	0.2659
drug-13		0.4255	0.1641	0.2096	0.1965	0.4636
drug-14		0.4468	0.1581	0.1377	0.1241	0.4748
drug-15		0.6277	0.1064	0.1722	0.2133	0.4077
drug-16		0.5053	0.1413	0.2539	0.2561	0.3948
drug-17		0.2926	0.2021	0.1176	0.0527	0.4317
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.6436	0.1018	0.1257	0.0089	0.2949
drybean		0.5114	0.1396	0.5261	0.4257	0.3686
ecoli		0.6765	0.0809	0.2737	0.5360	0.2253
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.0984	-0.0135	0.4847
eeg		0.1684	0.1039	0.1645	0.0970	0.6978
eeg-eye		0.9012	0.0988	0.9004	0.7990	0.4185
eeg10%		0.1404	0.1074	0.1147	0.0682	0.6812
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2466	0.3014	0.2717	0.0606	0.5411
euthyroid		0.9525	0.0475	0.8573	0.7110	0.4096
exon.vs.intron-freq		0.9272	0.0728	0.9303	0.8530	0.2820
exon.vs.intron-freq10%		0.9301	0.0699	0.9327	0.8589	0.2790
fakenews		0.5400	0.4600	0.5402	0.0775	0.9617
farm-ads		0.7633	0.2367	0.7621	0.5206	0.7203
fbis-wc		0.1585	0.0990	0.1331	0.0837	0.5798
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8235	0.1765	0.8214	0.6422	0.6184
financial-risk		0.4430	0.1857	0.2598	0.1564	0.3825
fishcatch		0.5000	0.1667	0.4174	0.4074	0.2204
flags		0.3000	0.1750	0.0577	0.0000	0.3283
fonts		0.0073	0.0130	0.0095	0.0019	0.8473
fonts10%		0.0085	0.0130	0.0092	0.0029	0.8035
forest		0.5385	0.2308	0.5802	0.3593	0.3850
gas		0.4917	0.1694	0.4996	0.3894	0.3822
gastrointestinal		0.5000	0.3333	0.3130	0.0857	0.5381
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.4921	0.3386	0.6047	0.2982	0.4039
german		0.7200	0.2800	0.6712	0.3017	0.7423
gestures		0.3570	0.3215	0.4267	0.1437	0.5509
gina		0.8329	0.1671	0.8339	0.6649	0.5881
gisette		0.8943	0.1057	0.8943	0.7886	0.4482
glass		0.5238	0.1587	0.2949	0.3248	0.3159
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware		0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		1.0000	0.0000	0.7500	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4000	0.3000	0.3381	0.1718	0.3587
gsalc		0.4444	0.1852	0.3526	0.3284	0.1947
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.4785	0.0869	0.3707	0.3869	0.2649
har		0.5423	0.1831	0.5295	0.4180	0.3711
har70		0.3389	0.1889	0.2418	0.1678	0.4765
har701%		0.3531	0.1848	0.2537	0.1929	0.4738
har7010%		0.3442	0.1874	0.2466	0.1779	0.4760
harth		0.3338	0.1110	0.2117	0.1974	0.4104
harth1%		0.3349	0.1108	0.2053	0.1966	0.4042
harth10%		0.3381	0.1103	0.2154	0.2021	0.4127
hayes-roth		0.3750	0.4167	0.2105	-0.0811	0.4943
hcc-survival		0.5882	0.4118	0.5502	0.0916	0.9258
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.9620	0.0380	0.9556	0.9110	0.2253
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.8417	0.1583	0.8417	0.6834	0.5792
hepmass10%		0.8405	0.1595	0.8405	0.6809	0.5819
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs		0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%		0.6936	0.3064	0.6917	0.3798	0.8229
higgs1%		0.6702	0.3298	0.6678	0.3309	0.8491
higgs10%		0.6810	0.3190	0.6791	0.3540	0.8372
higher		0.0714	0.2321	0.0500	-0.0898	0.4366
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9056	0.0944	0.8163	0.5959	0.3913
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.2971	0.0614	0.4913
hotel-reservartions		0.8407	0.1593	0.8140	0.6227	0.5912
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.5385	0.3077	0.5909	0.2945	0.4183
ht-sensor10%		0.5411	0.3059	0.5927	0.2990	0.4183
htru2		0.9816	0.0184	0.9425	0.8818	0.1560
hypothyroid		0.9151	0.0424	0.4002	0.3516	0.1778
hypothyroidT		0.9576	0.0424	0.8321	0.6000	0.1231
ilpd		0.6949	0.3051	0.5145	0.0148	0.7591
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.5800	0.2100	0.6022	0.4400	0.3006
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		0.6667	0.2222	0.7015	0.5000	0.2642
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.1297	0.0669	0.1374	0.0948	0.6290
jm1		0.8145	0.1855	0.6270	0.1826	0.6361
jvowels		0.4116	0.1307	0.4353	0.3343	0.4215
kc1		0.8863	0.1137	0.7503	0.4277	0.4363
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.2857	0.0595	0.0208	-0.0606	0.2379
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8269	0.1731	0.7165	0.4236	0.6904
kdc-4007		0.1347	0.2163	0.1197	-0.0089	0.5610

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.2073	0.0689	0.0712	0.0334	0.1764
kddcup991%		0.2518	0.0651	0.0728	0.0596	0.2515
kddcup9910%		0.9295	0.0061	0.1331	0.8817	0.0897
kepler		0.5031	0.3312	0.5477	0.2153	0.5373
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9500	0.0500	0.9467	0.8933	0.2764
krkopt		0.1886	0.0902	0.1834	0.1199	0.7202
krvskp		0.9687	0.0313	0.9688	0.9372	0.1857
la1s-wc		0.2508	0.2497	0.2861	0.1012	0.5508
la2s-wc		0.2086	0.2638	0.2478	0.0536	0.5848
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.1471	0.0426	0.0820	0.1196	0.1759
led24		0.2500	0.1500	0.2285	0.1477	0.3613
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.1525	0.0652	0.1682	0.1183	0.6564
leukemia		0.4286	0.3810	0.3793	0.2000	0.3432
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.3889	0.0815	0.4033	0.3455	0.2424
linkage		1.0000	0.0000	0.9978	0.9957	0.0055
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	0.9976	0.9952	0.0003
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9578	0.0422	0.9551	0.9094	0.2245
localization		0.2526	0.1359	0.1850	0.1487	0.5945
localization10%		0.2561	0.1353	0.1933	0.1486	0.6048
lrs		0.5472	0.0906	0.2874	0.4136	0.1996
lung		0.6667	0.1333	0.1867	0.2899	0.1466
lung_discrete		0.3750	0.1786	0.2357	0.2157	0.2167
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		0.9000	0.0400	0.6933	0.7790	0.0669
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.6429	0.1786	0.4468	0.2308	0.1771
lymphoma2		0.3333	0.1481	0.0952	0.1429	0.2500
machine-failure		0.9255	0.0745	0.9237	0.8472	0.3606
madelon		0.5962	0.4038	0.5962	0.1923	0.9320
magic04		0.8674	0.1326	0.8521	0.6969	0.5025
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8327	0.6654	0.5984
marketing		0.8705	0.1295	0.6866	0.3236	0.5870
maternal		0.5842	0.2772	0.6575	0.3549	0.4334
math		0.5000	0.2500	0.2882	0.1935	0.4148
mba		0.3290	0.4473	0.3994	0.0775	0.2113
mental-disorders		0.6667	0.1667	0.7238	0.5556	0.3079
mental-health		0.2133	0.3147	0.1245	0.0086	0.5270
messidor		0.6957	0.3043	0.6911	0.3822	0.8288
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		0.7778	0.1481	0.8497	0.6667	0.1944
meter-C		0.5556	0.2222	0.5743	0.4000	0.2567
meter-D		0.0556	0.4722	0.0357	-0.1547	0.4362
mfeat-fac		0.4500	0.1100	0.4551	0.3889	0.3501
mfeat-fou		0.3350	0.1330	0.3378	0.2611	0.4845
mfeat-kar		0.3850	0.1230	0.4165	0.3167	0.4685

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-mor		0.3800	0.1240	0.3980	0.3111	0.4062
mfeat-pix		0.3950	0.1210	0.4197	0.3278	0.4388
mfeat-zer		0.3550	0.1290	0.3523	0.2833	0.4539
mice-prot		0.2500	0.1875	0.1001	0.1426	0.2735
milk		0.4340	0.3774	0.5311	0.1651	0.5061
mines		0.2941	0.2824	0.1762	0.0993	0.5454
mobile		0.0315	0.0346	0.0357	0.0139	0.4415
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.6557	0.3443	0.5437	0.0288	0.6628
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.1439	0.1557	0.2396	0.0551	0.5491
musk		0.9455	0.0545	0.8896	0.7628	0.2484
MUT_ci300400a_cdk_ECFP2		0.7638	0.2362	0.7550	0.5089	0.7321
MUT_ci300400a_cdk_ECFP4		0.6982	0.3018	0.6847	0.3667	0.8262
MUT_ci300400a_cdk_ECFP6		0.6635	0.3365	0.6443	0.2765	0.8510
MUT_ci300400a_cdk_ESTATE		0.7470	0.2530	0.7386	0.4770	0.7605
MUT_ci300400a_cdk_EXTENDED		0.7974	0.2026	0.7910	0.5818	0.6754
MUT_ci300400a_cdk_FCFP2		0.7641	0.2359	0.7559	0.5113	0.7332
MUT_ci300400a_cdk_FCFP4		0.7350	0.2650	0.7236	0.4431	0.7717
MUT_ci300400a_cdk_FCFP6		0.6751	0.3249	0.6623	0.3238	0.8571
MUT_ci300400a_cdk_MACCS		0.7794	0.2206	0.7707	0.5377	0.6989
MUT_ci300400a_cdk_PUBCHEM		0.8012	0.1988	0.7937	0.5853	0.6623
MUT_ci300400a_cdk_STANDARD		0.7701	0.2299	0.7614	0.5215	0.7214
MUT_ci300400a_rdkit_descriptors		0.8195	0.1805	0.8147	0.6288	0.6294
myocardial		0.6118	0.0971	0.1004	0.0793	0.1965
naticusdroid		0.9506	0.0494	0.9507	0.9011	0.2605
NCI60		0.5000	0.1667	0.4545	0.4000	0.1855
nci9		0.3333	0.1481	0.1905	0.2500	0.1488
ncRNA		0.7109	0.0304	0.1580	0.3869	0.7350
ncRNA1%		0.7052	0.0310	0.1659	0.3728	0.6863
ncRNA10%		0.7005	0.0315	0.1531	0.3680	0.7314
neo		0.9087	0.0913	0.6548	0.1924	0.4379
new-thyroid		0.8095	0.1270	0.4947	0.5484	0.1437
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.0294	0.0441	0.0395	0.0086	0.6394
newspop		0.6582	0.3418	0.6556	0.3103	0.8710
NHANES_age_prediction		0.9692	0.0308	0.9405	0.8776	0.1837
nomao		0.9460	0.0540	0.9334	0.8667	0.3083
NPHA-doctor-visits		0.3056	0.4630	0.2773	-0.0132	0.5016
nursery		0.6281	0.1488	0.5240	0.4763	0.1930
obesity		0.4455	0.1584	0.4447	0.3525	0.3579
obs		0.7593	0.1204	0.6940	0.6449	0.1889
occupancy		0.9903	0.0097	0.9867	0.9730	0.1155
Occupancy_Estimation		0.5104	0.2448	0.5586	0.2298	0.1957
oh0-wc		0.1386	0.1723	0.0975	0.0163	0.5466
oh10-wc		0.1905	0.1619	0.1259	0.0746	0.6030
oh15-wc		0.0761	0.1848	0.0562	-0.0484	0.6396
oh5-wc		0.1319	0.1736	0.0994	0.0223	0.6208
ohscal-wc		0.1371	0.1726	0.1043	0.0376	0.6218
olive		0.5263	0.1053	0.4966	0.4329	0.2348
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.3612	0.1278	0.3950	0.2909	0.4769
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.1750	0.0413	0.1338	0.1538	0.1564

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
orlraws10P		0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8041	0.1959	0.7803	0.5605	0.6809
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8806	0.7612	0.4854
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9177	0.0329	0.4923	0.4711	0.2534
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.7820	0.2180	0.7664	0.5324	0.7101
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.9097	0.0903	0.8864	0.7720	0.4367
particle10%		0.8992	0.1008	0.8729	0.7447	0.4689
pasture		0.0000	0.6667	0.0000	-0.3333	0.5625
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9079	0.0921	0.8795	0.7586	0.4760
pediatric-leukemia		0.2647	0.2101	0.1932	0.1388	0.4570
pendigits		0.4850	0.1030	0.4968	0.4269	0.3213
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.7959	0.2041	0.7780	0.5513	0.6745
personalities		0.1132	0.1109	0.1392	0.0541	0.7065
pet-adoption		0.8600	0.1400	0.8406	0.6809	0.5639
phishing		0.9673	0.0327	0.9658	0.9310	0.1820
PhiUSIIL		0.9978	0.0022	0.9977	0.9954	0.0202
PhiUSIIL10%		0.9992	0.0008	0.9991	0.9983	0.0099
phone-acc0.1%		0.3499	0.1857	0.3710	0.2351	0.5110
phone-acc1%		0.3411	0.1883	0.3645	0.2252	0.5129
phone-acc10%		0.3274	0.1922	0.3546	0.2085	0.5177
phone-gyr0.1%		0.3561	0.1840	0.3691	0.2431	0.4820
phone-gyr1%		0.3219	0.1937	0.3462	0.2037	0.4872
phone-gyr10%		0.3426	0.1878	0.3630	0.2268	0.4724
phoneme		0.8704	0.1296	0.8398	0.6795	0.5590
phy		0.7002	0.2998	0.7002	0.4003	0.8208
pima		0.7105	0.2895	0.6874	0.3489	0.7670
pirvision		0.8694	0.0871	0.6252	0.4746	0.1409
placement		0.7900	0.2100	0.7832	0.5658	0.6874
plant-growth		0.6316	0.3684	0.6292	0.2570	0.8973
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.5150	0.0970	0.1054	0.0358	0.1914
poker1%		0.5288	0.0942	0.1127	0.0664	0.1967
poker10%		0.5154	0.0969	0.1060	0.0367	0.1912
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9340	0.0660	0.6503	0.1552	0.3548
polya		0.7957	0.2043	0.7714	0.5365	0.6764
popularity		0.3733	0.4178	0.3618	0.0475	0.3591
post-operative		0.3333	0.4444	0.1667	0.0000	0.2500
postures		0.4859	0.2056	0.5208	0.3571	0.3977
pred-tox_mutagen_ref-desc		0.6176	0.3824	0.6195	0.2353	0.9023
prestige		0.4444	0.3704	0.4839	0.2623	0.3247
primary-tumor		0.0909	0.0826	0.0667	0.0544	0.3075
profb		0.7463	0.2537	0.7001	0.3034	0.5811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.6794	0.1282	0.6162	0.5839	0.2665
puc-rio10%			0.6693	0.1323	0.6162	0.5728	0.2509
pufs-128			0.5007	0.4993	0.5007	0.0014	0.9946
pufs-1281%			0.4978	0.5022	0.4978	-0.0043	1.0000
pufs-12810%			0.5010	0.4990	0.5009	0.0019	0.9989
pufs-64			0.5032	0.4968	0.5032	0.0062	0.9862
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9990
pufs-6410%			0.4982	0.5018	0.4982	-0.0037	0.9981
pulsar			0.9824	0.0176	0.9459	0.8895	0.1608
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%			0.0222	0.0369	0.0008	-0.0002	0.3211
rcv110%			0.0429	0.0361	0.0250	0.0144	0.6314
re0-wc			0.1333	0.1333	0.1403	0.0597	0.4868
re1-wc			0.0843	0.0733	0.0714	0.0207	0.5937
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9014	0.0986	0.9007	0.8014	0.4297
reuters21578			0.0349	0.0297	0.0010	-0.0000	0.2350
rice			0.9890	0.0110	0.9889	0.9778	0.0797
rnaseq			0.5750	0.1700	0.6423	0.4561	0.2521
rocket			0.6531	0.3469	0.6294	0.2516	0.8749
RT_IOT2022			0.1847	0.1359	0.2860	0.1208	0.1473
satimage			0.5381	0.1540	0.5430	0.4467	0.3410
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9409	0.0591	0.8160	0.6046	0.3784
scadi			0.5714	0.1224	0.3556	0.4474	0.1793
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.7059	0.2941	0.7119	0.4118	0.7818
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.9764	0.0236	0.9761	0.9522	0.1507
seeds			0.6667	0.2222	0.6886	0.5000	0.3174
segment			0.4805	0.1484	0.4966	0.3920	0.3121
segmentation			0.8762	0.1238	0.8636	0.7260	0.5077
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8609	0.1391	0.4626	-0.0102	0.4516
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-4-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram			0.8763	0.1237	0.6559	0.1245	0.3621
sens-7-gram			0.8632	0.1368	0.5313	0.0179	0.4988
sens-8-gram			0.8632	0.1368	0.4633	-0.0102	0.4508
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.3280	0.1222	0.3554	0.2608	0.5051
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8905	0.1095	0.7618	0.4992	0.5411
shuttle			0.8703	0.0370	0.3765	0.6524	0.3882
sick			0.9655	0.0345	0.8427	0.6500	0.2345
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9953	0.0047	0.9930	0.9860	0.0720
skin10%			0.9951	0.0049	0.9927	0.9852	0.0748
smarket			0.9280	0.0720	0.9292	0.8556	0.3239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.7368	0.2632	0.7360	0.4693	0.7643
smoking			0.7603	0.2397	0.7456	0.4907	0.7454
soil_pollution			0.2067	0.3173	0.1154	0.0019	0.5307
solar-flare			0.5683	0.1439	0.4136	0.4382	0.2807
sonar			0.8000	0.2000	0.8062	0.6000	0.6236
soybean			0.1176	0.0929	0.1833	0.0542	0.3063
spam-detection			0.9120	0.0880	0.6422	0.1491	0.4056
spambase			0.9109	0.0891	0.9064	0.8113	0.3941
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.9429	0.0571	0.9300	0.8600	0.3290
spectrometer			0.0566	0.0393	0.0159	0.0174	0.2828
splice-EI			0.9495	0.0505	0.9372	0.8716	0.3306
splice-IE			0.8833	0.1167	0.8377	0.6754	0.5515
sport-articles			0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored			0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored			0.4000	0.4000	0.2778	-0.1538	0.4966
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.6884	0.2078	0.6051	0.4584	0.3026
steel-b			0.8564	0.1436	0.7669	0.5251	0.6179
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8154	0.1846	0.7924	0.5821	0.6493
steel-p			0.9385	0.0615	0.7637	0.5074	0.4915
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9641	0.0359	0.9005	0.8006	0.3957
stellar			0.6872	0.2085	0.5856	0.4042	0.3220
stock			0.8819	0.1181	0.7767	0.5222	0.5108
stockb			0.6256	0.2496	0.6635	0.4387	0.3470
streaming			0.9660	0.0340	0.9656	0.9312	0.1986
stress			0.5556	0.1778	0.5806	0.4453	0.2700
student-lifestyle			0.4250	0.2300	0.2436	0.1349	0.4239
student-depression			0.8323	0.1677	0.8259	0.6493	0.5972
student-habits			0.3500	0.2600	0.1393	0.0058	0.4354
student-weekend			0.2462	0.3015	0.1770	0.0013	0.5890
student-workday			0.7344	0.1062	0.2614	0.2481	0.2871
studentap			0.4615	0.3590	0.3544	0.1250	0.4353
susy			0.7993	0.2007	0.7984	0.5911	0.6493
susy1%			0.8070	0.1930	0.8062	0.6070	0.6352
susy10%			0.8011	0.1989	0.8002	0.5949	0.6466
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9684	0.0316	0.9685	0.9367	0.1851
swarm_grouped			0.9750	0.0250	0.9734	0.9464	0.1484
tae			0.2667	0.4889	0.2139	-0.1000	0.6803
telco-churn			0.9034	0.0966	0.8732	0.7446	0.4576
texture			0.5091	0.0893	0.5181	0.4598	0.3139
theorem			0.9935	0.0065	0.9933	0.9865	0.0509
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7809	0.2191	0.6558	0.2459	0.6610
tis10%			0.7985	0.2015	0.6905	0.3093	0.6066
tourist			0.2500	0.2500	0.0952	0.0000	0.3182
tox_171			0.5294	0.2353	0.5411	0.3615	0.2893
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.6053	0.1990	0.8161

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec11-wc			0.1951	0.1789	0.1634	0.0308	0.4716
trec12-wc			0.0968	0.2258	0.1146	0.0114	0.4586
trec21-wc			0.5758	0.1414	0.1377	0.1600	0.3230
trec23-wc			0.2857	0.2381	0.2685	0.0870	0.3607
trec31-wc			0.1290	0.2488	0.0563	-0.0294	0.4307
trec41-wc			0.2386	0.1523	0.1683	0.1318	0.5492
trec45-wc			0.2029	0.1594	0.1650	0.1033	0.5663
tuandromd			0.9865	0.0135	0.9790	0.9579	0.1147
turkish			0.2750	0.3625	0.3240	0.0333	0.5226
tvnews			0.8649	0.1351	0.8525	0.7032	0.5311
tvnews1%			0.8692	0.1308	0.8582	0.7156	0.5241
tvnews10%			0.8697	0.1303	0.8583	0.7152	0.5205
ur3_cobotops_grip			0.9687	0.0313	0.6812	0.0776	0.0951
ur3_cobotops_stop			0.9673	0.0327	0.7101	0.1941	0.0984
urban			0.5224	0.1061	0.4903	0.4514	0.3072
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%			0.6682	0.3318	0.5708	0.0252	0.5556
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7143	0.1429	0.7220	0.6057	0.2845
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.9302	0.0698	0.9346	0.8608	0.2605
vowel			0.2828	0.1304	0.2924	0.2111	0.4374
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9164	0.0836	0.6682	0.2318	0.4417
wap-wc			0.0321	0.0968	0.0670	0.0253	0.3649
warpar10p			0.1538	0.1692	0.1714	0.0714	0.3212
warppie10p			0.5238	0.0952	0.4509	0.4697	0.1893
watch-acc			0.3572	0.1836	0.3961	0.2528	0.4601
watch-acc1%			0.3815	0.1767	0.4165	0.2810	0.4513
watch-acc10%			0.3600	0.1828	0.4019	0.2565	0.4763
watch-gyr			0.2769	0.2066	0.3241	0.1568	0.5235
watch-gyr1%			0.3001	0.2000	0.3337	0.1833	0.4851
watch-gyr10%			0.2924	0.2022	0.3269	0.1746	0.4703
water_pollution			0.2633	0.3683	0.1885	0.0051	0.4367
waveform			0.4960	0.3360	0.5580	0.2406	0.4685
weather-related			0.4135	0.1066	0.3972	0.3465	0.4094
web-phishing			0.5037	0.3309	0.5881	0.2509	0.4687
Weekly			0.9815	0.0185	0.9812	0.9625	0.1262
weight-lift			0.3276	0.2689	0.2959	0.1403	0.5796
white-clover			0.5000	0.2500	0.1667	-0.1250	0.1710
wifi-loc			0.6050	0.1975	0.6285	0.4733	0.2861
wilt			0.9938	0.0062	0.9666	0.9329	0.1374
wine			0.6471	0.2353	0.7403	0.4545	0.3033
winequality-red			0.5786	0.1405	0.2112	0.2803	0.3490
winequality-white			0.4131	0.1677	0.1311	0.0363	0.4489
winnipeg			0.5346	0.1330	0.4997	0.4378	0.2221
winnipeg10%			0.5446	0.1301	0.5721	0.4481	0.2225
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.3125	0.0917	0.3095	0.2605	0.2128
yeast			0.3446	0.1311	0.2648	0.1382	0.3883
yeastCYT-POX			0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
zip		0.3344	0.1331	0.3440	0.2537	0.5294	

Table 104: Detailed results for LS-SVM(1)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1614	0.0799	0.1231	0.0774	0.6090
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.4000	0.6000	0.4000	-0.2000	1.0000
ads		0.8994	0.1006	0.7649	0.4038	0.2309
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
aids		0.7559	0.2441	0.4305	0.0000	0.3958
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
anneal		0.7865	0.0854	0.6932	0.3746	0.1720
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9054	0.0473	0.8629	0.8066	0.1137
anuran-genus		0.8609	0.0348	0.8071	0.7446	0.1139
anuran-species		0.8792	0.0242	0.8622	0.8198	0.0982
apple-quality		0.9225	0.0775	0.9225	0.8450	0.3634
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.5556	0.0889	0.0714	0.0000	0.2612
auction		0.9020	0.0980	0.7387	0.3742	0.3680
audiology		0.4545	0.0992	0.3782	0.2865	0.2590
audit-risk		0.9487	0.0513	0.9465	0.8929	0.2780
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7429	0.2571	0.6557	0.0749	0.4105
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.6000	0.1333	0.5548	0.4483	0.2470
babies		0.4435	0.1590	0.2061	0.1417	0.5457
balance		0.9032	0.0645	0.6286	0.8206	0.2494
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		0.9200	0.0800	0.9201	0.8276	0.2500
barleyblumeria		0.6406	0.3594	0.6236	0.0081	0.4804
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
biodeg		0.7429	0.2571	0.7301	0.3870	0.5966
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
breast-cancer		0.6071	0.3929	0.3778	-0.1846	0.9542
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7081	0.6667	0.1559

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
bridges		0.6000	0.1143	0.2500	0.2593	0.2276
cad		0.9000	0.1000	0.8824	0.7368	0.2605
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
car		0.9425	0.0287	0.8943	0.8760	0.2020
card		0.6522	0.3478	0.6583	0.2031	0.6282
cardiotocography		0.6761	0.0648	0.6600	0.5946	0.2672
cardiotocography-nsp		0.8451	0.1033	0.6550	0.4271	0.2031
cargo2k		0.4239	0.3841	0.5397	0.1181	0.3954
cars		0.7000	0.2000	0.6012	0.4419	0.5027
cas_N6512_cdk_ECFP2		0.5576	0.4424	0.6106	0.0435	0.5445
cas_N6512_rdkit_ATOMPAIR		0.5400	0.4600	0.5338	0.0046	0.5682
cas_N6512_RDkit_AtomPair_FP		0.5353	0.4647	0.3487	-0.0061	0.5691
cas_N6512_rdkit_AVALON		0.5637	0.4363	0.6276	0.0573	0.5172
cas_N6512_RDkit_Avalon_FP		0.5614	0.4386	0.6020	0.0549	0.5801
cas_N6512_rdkit_descriptors		0.6108	0.3892	0.6294	0.1742	0.7107
cas_N6512_rdkit_FEATMORGAN		0.5899	0.4101	0.6079	0.1244	0.6992
cas_N6512_RDkit_Featmorgan_FP		0.5859	0.4141	0.6051	0.1163	0.6927
cas_N6512_RDkit_FP		0.5475	0.4525	0.5801	0.0224	0.5664
cas_N6512_rdkit_LAYERED		0.5569	0.4431	0.6222	0.0429	0.5184
cas_N6512_RDkit_Layered_FP		0.5460	0.4540	0.5651	0.0194	0.5841
cas_N6512_rdkit_MACCS		0.6298	0.3702	0.6454	0.2177	0.7253
cas_N6512_RDkit_MACCS_FP		0.6687	0.3313	0.6828	0.3063	0.7171
cas_N6512_rdkit_MORGAN		0.5400	0.4600	0.5478	0.0041	0.5480
cas_N6512_RDkit_morgan_FP		0.5460	0.4540	0.6128	0.0179	0.5201
cas_N6512_rdkit_PATTERN		0.5446	0.4554	0.5585	0.0159	0.5846
cas_N6512_RDkit_pattern_FP		0.5521	0.4479	0.5840	0.0336	0.5825
cas_N6512_rdkit_RDKITFP		0.5530	0.4470	0.6193	0.0356	0.5191
cas_N6512_rdkit_TORSION		0.5554	0.4446	0.5752	0.0423	0.6246
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6736	0.3264	0.6321	0.1009	0.5469
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9587	0.0413	0.6642	0.1994	0.3356
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6405	0.1038	0.2709
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
churn		0.8220	0.1780	0.6728	0.2783	0.6112
ci900367j_MACCS		0.6316	0.3684	0.5768	0.0470	0.6198
cirrhosis		0.5714	0.2857	0.2424	0.0000	0.3038
cjs		0.8786	0.0405	0.8842	0.8518	0.1121
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7389	0.1306	0.4122	0.5658	0.2808
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.3333	0.4444	0.1667	0.0000	0.3838
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5510	0.2993	0.5254	0.2810	0.6853
cnae-9		0.2315	0.1708	0.3455	0.1354	0.3633
coil20		0.1597	0.0840	0.2288	0.1166	0.3705
college		0.7273	0.2727	0.4211	0.0000	0.4205
collins		0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.5862	0.4138	0.3696	0.0000	0.5057

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.8387	0.1613	0.8092	0.5995	0.5508
column-3c		0.7419	0.1720	0.6554	0.5702	0.3627
cottonmeloidogyne		0.5264	0.4736	0.5950	0.0611	0.6083
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.5000	0.0250	0.3509	0.4870	0.0593
cyclopentane		0.6667	0.3333	0.6731	0.2832	0.7182
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
defect		0.8395	0.1605	0.4564	0.0000	0.3070
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.2973	0.2342	0.0764	0.0000	0.3667
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9615	0.0385	0.9602	0.9172	0.1529
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
dropout		0.4966	0.3356	0.2216	0.0008	0.3768
drug-01		0.3936	0.1733	0.1180	0.0046	0.3742
drug-02		0.5160	0.1383	0.1758	0.0181	0.3564
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5372	0.1322	0.1844	0.0257	0.2891
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3777	0.1778	0.2130	0.1930	0.5000
drug-07		0.4202	0.1657	0.1696	0.0043	0.3588
drug-08		0.5638	0.1246	0.2164	0.0386	0.2666
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5319	0.1337	0.0999	-0.0042	0.3442
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5851	0.1185	0.1845	0.0191	0.2529
drug-14		0.5691	0.1231	0.1047	0.0175	0.2555
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5372	0.1322	0.1837	0.0504	0.2761
drug-17		0.3670	0.1809	0.2099	0.0902	0.4779
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
ecoli		0.8235	0.0441	0.5209	0.7515	0.1319
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8254	0.6393	0.5094
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
eeg-eye		0.9085	0.0915	0.9075	0.8147	0.4062
eeg10%		0.1963	0.1005	0.1220	0.0745	0.4876
eucalyptus		0.4658	0.2137	0.4821	0.2704	0.3972
euthyroid		0.9684	0.0316	0.9052	0.7911	0.1010
fbis-wc		0.2114	0.0928	0.0653	0.0054	0.3496
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7451	0.2549	0.7426	0.4751	0.7349
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3000	0.1750	0.0577	0.0000	0.3283
forest		0.4423	0.2788	0.4381	0.1831	0.3608
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6063	0.2625	0.4167	0.1512	0.5473
gene		0.6025	0.2650	0.5966	0.2258	0.3393
german		0.6500	0.3500	0.3939	0.0000	0.4745
gina		0.5101	0.4899	0.3378	0.0000	0.5269
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8095	0.0635	0.8561	0.7383	0.1866
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.7262	0.2738	0.7182	0.4000	0.7075
green		0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage		0.4667	0.2667	0.5200	0.2453	0.5373
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.5882	0.4118	0.3704	0.0000	0.5049
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.6296	0.3704	0.5997	0.1346	0.7562
heart-attack		0.6129	0.3871	0.6643	0.1545	0.5057
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-quantum		0.8800	0.1200	0.8750	0.7500	0.4964
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.5309	0.4691	0.3468	0.0000	0.5229
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.5625	0.4375	0.6316	0.0705	0.5185
hiv1-proteasa		0.8314	0.1686	0.6509	0.0163	0.3172
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.2303	0.0000	0.3606
htru2		0.9782	0.0218	0.9317	0.8603	0.2014
hypothyroid		0.9178	0.0411	0.4258	0.1909	0.1599
hypothyroidT		0.9390	0.0610	0.7437	0.3251	0.1589
ilpd		0.7627	0.2373	0.6818	0.2677	0.5933
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
ionosphere		0.7143	0.2857	0.6654	0.1206	0.4373
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9600	0.0400	0.9606	0.9180	0.1675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
jm1			0.8118	0.1882	0.6125	0.1340	0.5980
jvowels			0.9920	0.0018	0.9920	0.9909	0.0139
kc1			0.8436	0.1564	0.5905	0.0769	0.5202
kc1-class-level-defectiveornot			0.6000	0.4000	0.3750	0.0000	0.5000
kc1-class-level-numericdefect			0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF			0.9333	0.0667	0.4828	0.0000	0.1675
kc2			0.8462	0.1538	0.7552	0.5059	0.6528
kddcup981%			0.9474	0.0526	0.4865	0.0000	0.1408
kidney-disease			0.9250	0.0750	0.9226	0.8333	0.2345
krvskp			0.5266	0.4734	0.6064	0.0069	0.5241
la1s-wc			0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc			0.3013	0.2329	0.1905	0.0054	0.3631
labor			0.6667	0.3333	0.4000	0.0000	0.4644
leaf			0.6765	0.0162	0.3625	0.6609	0.0484
led24			0.1500	0.1700	0.0261	0.0000	0.3774
lenses			0.3333	0.4444	0.1667	0.0000	0.4167
leukemia			0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2			0.5714	0.4286	0.3636	0.0000	0.5112
libra			0.4444	0.0741	0.4939	0.4084	0.2275
liver			0.8235	0.1765	0.7984	0.5968	0.6488
loan			0.8501	0.1499	0.8450	0.6574	0.4271
lrs			0.3962	0.1208	0.0568	0.0000	0.2643
lung			0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete			0.2500	0.2143	0.0571	0.0000	0.3217
lung-cancer			0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1			0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2			0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan			0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario			0.6667	0.3333	0.4000	0.0000	0.4644
lupus			0.8889	0.1111	0.8953	0.7692	0.3145
lymphography			0.5714	0.2143	0.1818	0.0000	0.2456
lymphoma2			0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure			0.8404	0.1596	0.8371	0.6599	0.5304
madelon			0.5000	0.5000	0.3333	0.0000	0.5283
magic04			0.8685	0.1315	0.8538	0.7061	0.5279
mammography			0.7812	0.2188	0.7801	0.5591	0.6962
maternal			0.7327	0.1782	0.7385	0.5909	0.4905
messidor			0.5565	0.4435	0.5322	0.0608	0.9571
meter-A			0.8750	0.1250	0.8730	0.7143	0.3145
meter-B			0.7778	0.1481	0.8296	0.6400	0.1806
meter-C			0.8889	0.0556	0.7125	0.8421	0.0648
meter-D			0.8889	0.0556	0.8730	0.8448	0.1217
mfeat-fac			0.1350	0.1730	0.2135	0.0389	0.3948
mfeat-fou			0.1350	0.1730	0.1882	0.0389	0.3943
mfeat-kar			0.1500	0.1700	0.2197	0.0556	0.3887
mfeat-mor			0.7000	0.0600	0.7015	0.6667	0.1948
mfeat-pix			0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer			0.3700	0.1260	0.4623	0.3000	0.3033
mice-prot			0.3796	0.1551	0.4850	0.2809	0.3120
milk			0.9717	0.0189	0.9690	0.9568	0.0697
mines			0.5294	0.1882	0.5156	0.4113	0.3829
mobile			0.1923	0.0288	0.2723	0.1779	0.3464
monks-1			0.9455	0.0545	0.9458	0.8909	0.2790
monks-2			0.9344	0.0656	0.9290	0.8479	0.2092
monks-3			0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.5178	0.4822	0.3412	0.0000	0.5256
musk			0.8939	0.1061	0.7748	0.4360	0.2410

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP2		0.6451	0.3549	0.6491	0.1783	0.6240
MUT_ci300400a_cdk_ECFP4		0.6407	0.3593	0.6651	0.1581	0.5127
MUT_ci300400a_cdk_ECFP6		0.6299	0.3701	0.6552	0.1318	0.5167
MUT_ci300400a_cdk_ESTATE		0.7278	0.2722	0.7185	0.4077	0.7230
MUT_ci300400a_cdk_EXTENDED		0.6439	0.3561	0.6658	0.1683	0.5278
MUT_ci300400a_cdk_FCFP2		0.7138	0.2862	0.7130	0.3606	0.6540
MUT_ci300400a_cdk_FCFP4		0.6679	0.3321	0.6694	0.2412	0.6473
MUT_ci300400a_cdk_FCFP6		0.6619	0.3381	0.6761	0.2186	0.5688
MUT_ci300400a_cdk_MACCS		0.6859	0.3141	0.6967	0.2826	0.5837
MUT_ci300400a_cdk_PUBCHEM		0.6515	0.3485	0.6666	0.1898	0.5630
MUT_ci300400a_cdk_STANDARD		0.6551	0.3449	0.6768	0.1970	0.5232
MUT_ci300400a_rdkit_descriptors		0.6880	0.3120	0.6967	0.3043	0.6305
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
NCI60		0.3333	0.2222	0.2500	0.2000	0.3026
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction		0.9339	0.0661	0.8692	0.7020	0.1786
NPHA-doctor-visits		0.5139	0.3241	0.3941	0.0462	0.6581
obs		0.9630	0.0185	0.9733	0.9448	0.0718
occupancy		0.9908	0.0092	0.9873	0.9744	0.1112
Occupancy_Estimation		0.9714	0.0143	0.9197	0.9138	0.0821
oh0-wc		0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc		0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc		0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc		0.1648	0.1670	0.0283	0.0000	0.3885
olive		0.9123	0.0195	0.9075	0.8891	0.0542
opn310k10%		0.9113	0.0887	0.5887	0.0174	0.2733
optdigits		0.1619	0.1676	0.2591	0.0778	0.3820
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6753	0.3247	0.6138	0.0680	0.5470
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5476	0.4524	0.6186	0.0360	0.5206
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9598	0.0161	0.6384	0.7356	0.1523
parkinson		0.8667	0.1333	0.8677	0.7113	0.4010
parkinsons-small		0.8421	0.1579	0.7920	0.4956	0.3261
particle10%		0.8985	0.1015	0.8733	0.7465	0.4802
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia		0.2353	0.2185	0.0544	0.0000	0.3686
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
phishing		0.8735	0.1265	0.8730	0.7194	0.3613
phoneme		0.8907	0.1093	0.8638	0.7272	0.4993
pima		0.7237	0.2763	0.7210	0.3502	0.5762
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.6042	0.0643	0.3096

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-5th			0.9357	0.0643	0.6719	0.1613	0.2810
polya			0.6486	0.3514	0.6105	0.0248	0.5011
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc			0.7500	0.2500	0.7555	0.5000	0.7188
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3333	0.0606	0.1324	0.2160	0.2482
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.4000	0.6000	0.2857	0.0000	0.5239
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.4267	0.0882	0.1126	0.0630	0.3224
re1-wc			0.2530	0.0598	0.0739	0.0417	0.3254
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6357	0.3643	0.6158	0.2300	0.9009
satimage			0.8600	0.0467	0.8600	0.8255	0.1787
satimageF			0.9191	0.0809	0.7592	0.3815	0.1965
satimageT			0.9471	0.0529	0.8394	0.6211	0.1466
scadi			0.4286	0.1633	0.0857	0.0000	0.2912
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5294	0.4706	0.5436	0.0588	0.8368
sclerosis			0.5556	0.4444	0.3571	0.0000	0.5164
secom			0.9359	0.0641	0.4834	0.0000	0.1628
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9437	0.0161	0.9485	0.9342	0.0762
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8605	0.1395	0.4625	-0.0151	0.5048
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
shoppers			0.8483	0.1517	0.6058	0.0795	0.4702
sick			0.9576	0.0424	0.7993	0.5368	0.2602
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
smarket			0.8480	0.1520	0.8487	0.6952	0.5562
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
solar-flare			0.7338	0.0887	0.6110	0.6581	0.2605
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.5147	0.0511	0.4093	0.4481	0.2386
spambase			0.8065	0.1935	0.8097	0.5599	0.4421
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer			0.1887	0.0338	0.0409	0.0899	0.3123
splice-EI			0.7918	0.2082	0.7081	0.2408	0.3706
splice-IE			0.8107	0.1893	0.7202	0.2763	0.3508
sport-articles			0.6400	0.3600	0.6310	0.0338	0.4822
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.4000	0.4000	0.1905	0.0000	0.2619

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-b			0.8051	0.1949	0.6395	0.1778	0.5812
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9538	0.0462	0.9281	0.8456	0.1452
steel-o			0.7231	0.2769	0.6911	0.2648	0.5619
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9231	0.0769	0.7427	0.3249	0.1885
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5700	0.1720	0.3725	0.3085	0.5199
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
tae			0.4667	0.3556	0.5344	0.2000	0.5887
texture			0.9564	0.0079	0.9636	0.9519	0.0477
theorem			0.9018	0.0982	0.9045	0.7911	0.2864
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7368	0.2632	0.6690	0.1244	0.4184
tic-tac-toe			0.9053	0.0947	0.8967	0.7722	0.2605
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.1667	0.1111	0.0000	0.2923
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6898	0.2056	0.4505
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.6193	0.2326	0.8185
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3871	0.2043	0.1981	0.0194	0.3287
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.9910	0.0090	0.9865	0.9726	0.1201
turkish			0.3000	0.3500	0.3921	0.0667	0.3906
tvnews1%			0.6385	0.3615	0.5754	0.0366	0.5919
ur3_cobotops_grip			0.9755	0.0245	0.7610	0.4602	0.3127
ur3_cobotops_stop			0.9633	0.0367	0.6309	0.1707	0.4131
urban			0.2090	0.1758	0.1274	0.0193	0.3667
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.6667	0.1667	0.6546	0.5572	0.2959
vehicleVAN			0.8810	0.1190	0.8382	0.6226	0.2769
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.7209	0.2791	0.7701	0.4487	0.4822
vowel			0.5758	0.0771	0.6440	0.5333	0.2221
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
web-phishing			0.8741	0.0840	0.8176	0.7710	0.3316
Weekly			0.8333	0.1667	0.8339	0.6553	0.5521
white-clover			0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc			1.0000	0.0000	1.0000	1.0000	0.0000
wilt			0.9834	0.0166	0.9068	0.8096	0.2500
wine			0.7647	0.1569	0.5773	0.5037	0.2360

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
winequality-red			0.7233	0.0922	0.3632	0.5450	0.2949
winequality-white			0.6564	0.1145	0.4777	0.4575	0.3971
wisc_bc			0.6316	0.3684	0.3871	0.0000	0.4848
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5541	0.0892	0.3873	0.4093	0.3439
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300

Table 105: Detailed results for LSLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1422	0.0817	0.1162	0.0531	0.5542
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
ads		0.9299	0.0701	0.8430	0.6323	0.1831
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8873	0.1127	0.8401	0.6734	0.4986
air_pollution		0.3900	0.1743	0.1825	0.0029	0.5396
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8000	0.0800	0.3728	0.4966	0.1751
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8698	0.1302	0.8558	0.7008	0.4785
anneal		0.9551	0.0180	0.9537	0.9076	0.1272
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9777	0.0111	0.9413	0.9574	0.0514
anuran-genus		0.9861	0.0035	0.9379	0.9771	0.0588
anuran-species		0.9931	0.0014	0.9876	0.9903	0.0092
anxiety		0.1417	0.1907	0.1418	0.0331	0.7951
apple-quality		0.9025	0.0975	0.9027	0.8050	0.4223
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia		0.6889	0.0479	0.3003	0.4247	0.1744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9118	0.0882	0.7695	0.4848	0.4195
audiology		0.8636	0.0248	0.8521	0.8370	0.0735
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7000	0.1000	0.5076	0.5918	0.2060
avila		0.7211	0.0465	0.6979	0.6145	0.2647
babies		0.4435	0.1590	0.1679	0.1332	0.5116
balance		0.9032	0.0645	0.6228	0.8178	0.1771
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9194	0.0806	0.9131	0.8191	0.3225
basehock		0.9698	0.0302	0.9698	0.9397	0.1825
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8952	0.1048	0.8896	0.7789	0.4599
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.7407	0.7800	0.0723
bridges		0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8966	0.0517	0.6256	0.7754	0.2504
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography		0.8122	0.0376	0.7900	0.7730	0.1925
cardiotocography-nsp		0.9014	0.0657	0.8005	0.7092	0.2690
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.6655	0.5814	0.4030
cas_N6512_cdk_ECFP2		0.7020	0.2980	0.7018	0.4029	0.8169
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.7408	0.2592	0.7385	0.4762	0.7638
cas_N6512_rdkit_AVALON		0.7942	0.2058	0.7930	0.5860	0.6766
cas_N6512_RDkit_Avalon_FP		0.7929	0.2071	0.7932	0.5853	0.6755
cas_N6512_rdkit_descriptors		0.7938	0.2062	0.7931	0.5860	0.6766
cas_N6512_rdkit_FEATMORGAN		0.7097	0.2903	0.7068	0.4128	0.8083
cas_N6512_RDkit_Featmorgan_FP		0.7469	0.2531	0.7459	0.4917	0.7554
cas_N6512_RDkit_FP		0.7623	0.2377	0.7606	0.5212	0.7317
cas_N6512_rdkit_LAYERED		0.7754	0.2246	0.7747	0.5492	0.7089
cas_N6512_RDkit_Layered_FP		0.7607	0.2393	0.7590	0.5180	0.7341
cas_N6512_rdkit_MACCS		0.7512	0.2488	0.7489	0.4956	0.7445
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.7508	0.2492	0.7486	0.4967	0.7489
cas_N6512_RDkit_morgan_FP		0.7515	0.2485	0.7496	0.4989	0.7485
cas_N6512_rdkit_PATTERN		0.7615	0.2385	0.7604	0.5208	0.7326
cas_N6512_RDkit_pattern_FP		0.7669	0.2331	0.7671	0.5332	0.7207
cas_N6512_rdkit_RDKITFP		0.7788	0.2212	0.7774	0.5549	0.7039
cas_N6512_rdkit_TORSION		0.7292	0.2708	0.7293	0.4578	0.7790
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7536	0.4997	0.7017
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.0441	0.9559	0.0422	0.0000	0.1165
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6405	0.1038	0.2709
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8460	0.1540	0.7345	0.4472	0.6263
churn-bigml		0.9101	0.0899	0.7987	0.5297	0.3143
ci900367j_MACCS		0.7158	0.2842	0.6851	0.3505	0.7788
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.4996	0.4867	0.4110
cjs		0.9821	0.0060	0.9782	0.9782	0.0344
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8194	0.0903	0.5802	0.7049	0.2209
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5238	0.3175	0.5005	0.2435	0.7137
cnae-9		0.8796	0.0267	0.8897	0.8646	0.1289
codon_usage		0.9294	0.0128	0.7622	0.9139	0.0998
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.6000	0.0533	0.4690	0.5506	0.1776
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7931	0.2069	0.7635	0.4942	0.6155
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.7931	0.2069	0.7894	0.5515	0.6011
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7644	0.2356	0.7648	0.5290	0.7251
coupon		0.7177	0.2823	0.7097	0.4178	0.7996
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.9687	0.0313	0.9311	0.8570	0.1888
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4688	0.0266	0.3307	0.4538	0.0762
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1667	0.2778	0.1706	-0.0034	0.8637
cyclopentane		0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands		0.6667	0.3333	0.6514	0.2863	0.8361
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8951	0.1049	0.7795	0.5119	0.4433
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.5828	0.0525	0.4903
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.5000	0.0000	0.6840
df_final		0.5625	0.2917	0.4290	0.3000	0.5195
DIA		0.8500	0.1500	0.7938	0.5000	0.3145
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5588	0.2941	0.3776	0.0538	0.3478
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9333	0.0333	0.9000	0.9067	0.0654
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih		0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5718	0.4282	0.5684	0.1359	0.9513
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7833	0.1445	0.7064	0.6323	0.4204
drug-01		0.3511	0.1854	0.1466	0.0102	0.5854
drug-02		0.5160	0.1383	0.2473	0.1671	0.6343
drug-03		0.6915	0.0881	0.1843	0.1144	0.3296
drug-04		0.5160	0.1383	0.2396	0.1632	0.6533
drug-05		0.7287	0.0775	0.1598	0.0165	0.2941
drug-06		0.4043	0.1702	0.2517	0.2503	0.5832
drug-07		0.4309	0.1626	0.1348	0.0524	0.4382
drug-08		0.5691	0.1231	0.2014	0.1994	0.4661
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5160	0.1383	0.1616	0.1207	0.5441
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5957	0.1155	0.1759	0.2127	0.4359
drug-14		0.5798	0.1201	0.2679	0.2520	0.5645
drug-15		0.7500	0.0714	0.1478	0.0577	0.2921
drug-16		0.5798	0.1201	0.2577	0.2943	0.4752
drug-17		0.3564	0.1839	0.2297	0.1223	0.6392
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7606	0.0684	0.1625	0.0174	0.4031
drybean		0.9309	0.0197	0.9433	0.9164	0.1151
ecoli		0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.2410	-0.0125	0.8485
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.7423	0.2577	0.7392	0.4690	0.7417
eeg10%		0.4349	0.0706	0.4152	0.3701	0.5252
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6438	0.1425	0.6099	0.5303	0.3250
euthyroid		0.9304	0.0696	0.7730	0.4246	0.1765
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5250	0.4750	0.5249	0.0497	0.9851
farm-ads		0.7874	0.2126	0.8016	0.5626	0.5526
fbis-wc		0.7439	0.0301	0.5773	0.7021	0.1460
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7255	0.2745	0.7267	0.4279	0.7258
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.9899	0.0034	0.9894	0.9878	0.0257
gastrointestinal		0.8125	0.1250	0.8305	0.6981	0.2631
gender		0.6000	0.2667	0.3787	0.1423	0.5120
gene		0.9401	0.0400	0.9344	0.9040	0.1938
german		0.7500	0.2500	0.7146	0.3719	0.6479
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9337	0.0663	0.9337	0.8673	0.3246
gisette		0.9629	0.0371	0.9629	0.9257	0.2136
glass		0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.5311	0.2638	0.4346
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.9557	0.0177	0.9540	0.9438	0.0843

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8602	0.0399	0.5057	0.7899	0.1570
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure		0.9640	0.0360	0.9580	0.9150	0.1956
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6755	0.3245	0.6731	0.3436	0.8476
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1522	0.1358	0.2724
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.9039	0.0961	0.8126	0.5867	0.3948
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6389	0.2407	0.6201	0.3482	0.4924
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9799	0.0201	0.9370	0.8707	0.1738
hypothyroid		0.9416	0.0292	0.5745	0.5646	0.1857
hypothyroidT		0.9549	0.0451	0.8202	0.5658	0.1285
ilpd		0.6610	0.3390	0.4663	-0.0461	0.8780
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9474	0.0040	0.9482	0.9453	0.0497
jm1		0.8246	0.1754	0.6564	0.2291	0.5895
jvowels		0.9859	0.0031	0.9851	0.9841	0.0249
kc1		0.8815	0.1185	0.7403	0.3730	0.3783
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7500	0.2500	0.5552	0.1011	0.8298
kdc-4007		0.4564	0.1553	0.5508	0.3614	0.3952
kddcup981%		0.9053	0.0947	0.4751	-0.0491	0.6630
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.0000	0.1000	0.0000	0.0000	0.1856
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.5102	0.0544	0.4828	0.4493	0.4168
krvskp		0.9592	0.0408	0.9597	0.9185	0.2215
la1s-wc		0.7524	0.0825	0.7176	0.6834	0.3270
la2s-wc		0.7715	0.0762	0.7632	0.7054	0.2943
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0256	0.6918	0.6915	0.0735
led24		0.7500	0.0500	0.7059	0.7167	0.0949
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9340	0.0051	0.9344	0.9313	0.0736
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.9167	0.0111	0.9277	0.9106	0.0365
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9438	0.0562	0.9399	0.8792	0.2853
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.5194	0.0874	0.2260	0.3566	0.4173
lrs		0.8868	0.0226	0.4553	0.8434	0.0597
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9255	0.0745	0.9237	0.8472	0.3606
madelon		0.5808	0.4192	0.5818	0.1615	0.9380
magic04		0.8674	0.1326	0.8521	0.6969	0.5025
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8327	0.6654	0.5984
marketing		0.8973	0.1027	0.7665	0.4453	0.3511
maternal		0.6535	0.2310	0.6575	0.4658	0.5272
math		0.8000	0.1000	0.7462	0.6784	0.2352
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2333	0.3067	0.2321	0.0400	0.8516
messidor		0.6957	0.3043	0.6897	0.3793	0.8299
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.8003	0.6104	0.2026
meter-D		0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac		0.9950	0.0010	0.9951	0.9944	0.0063
mfeat-fou		0.8250	0.0350	0.8250	0.8056	0.1336
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7300	0.0540	0.7359	0.7000	0.1729
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.8550	0.0290	0.8554	0.8389	0.0668
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9434	0.0377	0.9337	0.9131	0.1271
mines		0.5294	0.1882	0.5053	0.4119	0.4138

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mobile		0.8741	0.0045	0.8692	0.8718	0.0568
monks-1		0.8000	0.2000	0.8013	0.5991	0.6529
monks-2		0.8361	0.1639	0.8143	0.6105	0.5504
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0115
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9439	0.0561	0.8866	0.7528	0.2285
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.7772	0.2228	0.7704	0.5407	0.7116
MUT_ci300400a_cdk_ECFP6		0.7449	0.2551	0.7349	0.4678	0.7605
MUT_ci300400a_cdk_ESTATE		0.7338	0.2662	0.7243	0.4481	0.7800
MUT_ci300400a_cdk_EXTENDED		0.8070	0.1930	0.8013	0.6026	0.6575
MUT_ci300400a_cdk_FCFP2		0.7377	0.2623	0.7261	0.4467	0.7645
MUT_ci300400a_cdk_FCFP4		0.7386	0.2614	0.7272	0.4495	0.7641
MUT_ci300400a_cdk_FCFP6		0.7734	0.2266	0.7646	0.5269	0.7131
MUT_ci300400a_cdk_MACCS		0.7806	0.2194	0.7719	0.5392	0.6943
MUT_ci300400a_cdk_PUBCHEM		0.8096	0.1904	0.8031	0.6056	0.6508
MUT_ci300400a_cdk_STANDARD		0.7808	0.2192	0.7729	0.5449	0.7036
MUT_ci300400a_rdkit_descriptors		0.8396	0.1604	0.8353	0.6698	0.5856
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9604	0.0396	0.9230	0.8426	0.2559
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4861	0.3426	0.3185	0.0019	0.5669
nursery		0.9568	0.0216	0.7270	0.9360	0.0642
obesity		0.8246	0.0501	0.8190	0.7953	0.1792
obs		0.8704	0.0648	0.8975	0.8067	0.1971
occupancy		0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation		0.9921	0.0039	0.9748	0.9760	0.0471
oh0-wc		0.7525	0.0495	0.7041	0.7106	0.1761
oh10-wc		0.7048	0.0590	0.6473	0.6603	0.2444
oh15-wc		0.6957	0.0609	0.7134	0.6459	0.2135
oh5-wc		0.7802	0.0440	0.7890	0.7489	0.1665
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9123	0.0877	0.6200	0.0363	0.2713
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9858	0.0028	0.9869	0.9842	0.0204
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8299	0.1701	0.8075	0.6140	0.6259
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9206	0.0794	0.9227	0.8416	0.3489
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9726	0.0110	0.8935	0.8354	0.1504

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinson			0.9667	0.0333	0.9655	0.9310	0.2012
parkinsons			0.8057	0.1943	0.7941	0.5883	0.6673
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.8854	0.1146	0.8536	0.7031	0.4940
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9099	0.0901	0.5693	0.1246	0.6636
pcmac			0.5722	0.4278	0.4944	-0.0042	0.7636
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia			0.5882	0.1176	0.5347	0.4979	0.3729
pendigits			0.9900	0.0020	0.9902	0.9889	0.0179
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.8192	0.1808	0.8042	0.6051	0.6309
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9250	0.0750	0.9142	0.8257	0.3447
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.6738	0.0932	0.6321	0.6173	0.3204
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.6705	0.0941	0.6509	0.6135	0.3411
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8574	0.1426	0.8248	0.6496	0.5918
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7368	0.2632	0.7176	0.4154	0.7389
pirvision			0.9915	0.0057	0.9850	0.9728	0.0369
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7368	0.2632	0.7360	0.4693	0.7643
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5385	0.1318	0.1565	0.1199	0.3105
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th			0.9374	0.0626	0.6817	0.2274	0.3433
polya			0.7978	0.2022	0.7745	0.5446	0.6772
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6195	0.2353	0.9023
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4848	0.0793	0.4024	0.4211	0.2488
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7313	0.2687	0.6689	0.2923	0.7269
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9626	0.0150	0.9469	0.9496	0.0668
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.7067	0.0451	0.4376	0.5719	0.2240
re1-wc			0.6205	0.0304	0.2898	0.5384	0.2076
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6618	0.3382	0.6427	0.2828	0.8722
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8911	0.0363	0.8747	0.8651	0.1594
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9409	0.0591	0.8154	0.5980	0.3572
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9221	0.0223	0.9309	0.9089	0.0825
segmentation			0.8812	0.1188	0.8698	0.7394	0.5009
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8905	0.1095	0.7585	0.4777	0.5044
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9496	0.0504	0.7516	0.4051	0.2858
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9935	0.0065	0.9903	0.9804	0.0931
smarket			0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming			0.1600	0.4200	0.1515	-0.1242	0.8865
smk_can_187			0.7895	0.2105	0.7933	0.5730	0.6420
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2000	0.3200	0.2009	-0.0013	0.8700
solar-flare			0.7698	0.0767	0.6224	0.7040	0.1825
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9152	0.0848	0.9111	0.8202	0.3754
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer			0.5577	0.0328	0.4502	0.5282	0.1395
splice-EI			0.9685	0.0315	0.9582	0.9164	0.2255
splice-IE			0.9306	0.0694	0.9010	0.7986	0.3550
sport-articles			0.8600	0.1400	0.8498	0.6997	0.5535

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8564	0.1436	0.7669	0.5251	0.6179
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8051	0.1949	0.7799	0.5558	0.6667
steel-p			0.9231	0.0769	0.6653	0.2567	0.4931
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9028	0.0972	0.8215	0.6267	0.4657
stockb			0.9736	0.0176	0.9736	0.9603	0.0734
streaming			0.9080	0.0920	0.9071	0.8141	0.4113
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4500	0.2200	0.3020	0.1288	0.4470
student-weekend			0.4000	0.2400	0.2761	0.1416	0.5788
student-workday			0.7031	0.1187	0.2261	0.0515	0.2877
studentap			0.6923	0.2051	0.5260	0.5000	0.2833
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.5099	0.2000	0.5180
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9909	0.0017	0.9914	0.9900	0.0144
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7910	0.2090	0.6776	0.2547	0.5681
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f			0.6471	0.3529	0.5597	0.0893	0.8324
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.6053	0.1990	0.8161
trec11-wc			0.4878	0.1138	0.2892	0.2867	0.2671
trec12-wc			0.5161	0.1210	0.4932	0.3551	0.2692
trec21-wc			0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc			0.5238	0.1587	0.2393	0.1923	0.2857
trec31-wc			0.7204	0.0932	0.6144	0.6020	0.2592
trec41-wc			0.6136	0.0773	0.3953	0.5059	0.2525
trec45-wc			0.5072	0.0986	0.4398	0.4111	0.2962
tuandromd			0.9798	0.0202	0.9696	0.9386	0.2027
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9385	0.0615	0.9338	0.8656	0.2918
tvnews10%			0.9129	0.0871	0.9058	0.8114	0.4038
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9687	0.0313	0.7252	0.2510	0.0954

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
urban			0.8507	0.0332	0.8653	0.8250	0.1103
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7857	0.1071	0.7489	0.7106	0.1841
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5455	0.0826	0.5778	0.5000	0.2203
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7949	0.0205	0.5458	0.7681	0.1193
warpar10p			0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2400	0.3800	0.2394	-0.0133	0.8676
waveform			0.8320	0.1120	0.8322	0.7480	0.3820
weather-related			0.9519	0.0087	0.9554	0.9454	0.0572
web-phishing			0.8296	0.1136	0.6882	0.6938	0.4698
Weekly			0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9814	0.0186	0.8924	0.7711	0.1899
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6164	0.1279	0.2868	0.3740	0.3879
winequality-white			0.5706	0.1227	0.2744	0.3256	0.4512
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5676	0.0865	0.3480	0.4413	0.3681
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9624	0.0075	0.9589	0.9578	0.0616

Table 106: Detailed results for LSLSVC(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1470	0.0812	0.1119	0.0563	0.5412
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
ads		0.9299	0.0701	0.8430	0.6323	0.1831
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8873	0.1127	0.8401	0.6734	0.4986
air_pollution		0.4033	0.1705	0.1372	0.0031	0.3949
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8000	0.0800	0.3683	0.4980	0.1941
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8698	0.1302	0.8558	0.7008	0.4785
anneal		0.9438	0.0225	0.7520	0.8826	0.1411
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9791	0.0104	0.9444	0.9600	0.0495
anuran-genus		0.9889	0.0028	0.9579	0.9817	0.0547
anuran-species		0.9917	0.0017	0.9871	0.9884	0.0145
anxiety		0.1083	0.1981	0.1081	-0.0050	0.8447
apple-quality		0.9025	0.0975	0.9027	0.8050	0.4223
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia		0.6667	0.0513	0.2804	0.3584	0.1851

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9118	0.0882	0.7695	0.4848	0.4195
audiology		0.8636	0.0248	0.7750	0.8358	0.0643
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7500	0.0833	0.6520	0.6599	0.1827
avila		0.7341	0.0443	0.7153	0.6339	0.2698
babies		0.4516	0.1567	0.1523	0.1474	0.5171
balance		0.9032	0.0645	0.7457	0.8224	0.2810
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9194	0.0806	0.9131	0.8191	0.3225
basehock		0.9698	0.0302	0.9698	0.9397	0.1825
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8952	0.1048	0.8896	0.7789	0.4599
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9310	0.0345	0.8410	0.8540	0.2145
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography		0.8122	0.0376	0.7754	0.7731	0.2051
cardiotocography-nsp		0.9061	0.0626	0.8178	0.7229	0.2588
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.6704	0.5819	0.3906
cas_N6512_cdk_ECFP2		0.7020	0.2980	0.7018	0.4029	0.8169
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.7408	0.2592	0.7385	0.4762	0.7638
cas_N6512_rdkit_AVALON		0.7942	0.2058	0.7930	0.5860	0.6766
cas_N6512_RDkit_Avalon_FP		0.7929	0.2071	0.7932	0.5853	0.6755
cas_N6512_rdkit_descriptors		0.7938	0.2062	0.7931	0.5860	0.6766
cas_N6512_rdkit_FEATMORGAN		0.7097	0.2903	0.7068	0.4128	0.8083
cas_N6512_RDkit_Featmorgan_FP		0.7469	0.2531	0.7459	0.4917	0.7554
cas_N6512_RDkit_FP		0.7623	0.2377	0.7606	0.5212	0.7317
cas_N6512_rdkit_LAYERED		0.7754	0.2246	0.7747	0.5492	0.7089
cas_N6512_RDkit_Layered_FP		0.7607	0.2393	0.7590	0.5180	0.7341
cas_N6512_rdkit_MACCS		0.7512	0.2488	0.7489	0.4956	0.7445
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.7508	0.2492	0.7486	0.4967	0.7489
cas_N6512_RDkit_morgan_FP		0.7515	0.2485	0.7496	0.4989	0.7485
cas_N6512_rdkit_PATTERN		0.7615	0.2385	0.7604	0.5208	0.7326
cas_N6512_RDkit_pattern_FP		0.7669	0.2331	0.7671	0.5332	0.7207
cas_N6512_rdkit_RDKITFP		0.7788	0.2212	0.7774	0.5549	0.7039
cas_N6512_rdkit_TORSION		0.7292	0.2708	0.7293	0.4578	0.7790
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7536	0.4997	0.7017
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6405	0.1038	0.2709
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8460	0.1540	0.7345	0.4472	0.6263
churn-bigml		0.9101	0.0899	0.7987	0.5297	0.3143
ci900367j_MACCS		0.7158	0.2842	0.6851	0.3505	0.7788
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.4807	0.4350	0.4320
cjs		0.9786	0.0071	0.9754	0.9739	0.0426
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8407	0.0796	0.6028	0.7479	0.2627
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5374	0.3084	0.5139	0.2661	0.6985
cnae-9		0.8519	0.0329	0.8729	0.8333	0.1333
codon_usage		0.9378	0.0113	0.7810	0.9242	0.0964
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.6200	0.0507	0.4970	0.5742	0.1636
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7931	0.2069	0.7635	0.4942	0.6155
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.7931	0.2069	0.7894	0.5515	0.6011
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7644	0.2356	0.7648	0.5290	0.7251
coupon		0.7177	0.2823	0.7097	0.4178	0.7996
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.9687	0.0313	0.9311	0.8570	0.1888
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4688	0.0266	0.3384	0.4538	0.0790
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.1782	0.0083	0.8663
cyclopentane		0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands		0.6667	0.3333	0.6514	0.2863	0.8361
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8951	0.1049	0.7795	0.5119	0.4433
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.5828	0.0525	0.4903
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.5000	0.0000	0.6840
df_final		0.5625	0.2917	0.4290	0.3000	0.5195
DIA		0.8500	0.1500	0.7938	0.5000	0.3145
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5588	0.2941	0.3776	0.0538	0.3478
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih		0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5718	0.4282	0.5684	0.1359	0.9513
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7743	0.1505	0.6962	0.6208	0.4333
drug-01		0.3777	0.1778	0.1570	0.0437	0.5688
drug-02		0.5213	0.1368	0.2576	0.1708	0.6332
drug-03		0.6968	0.0866	0.1930	0.1298	0.3333
drug-04		0.5213	0.1368	0.1958	0.1482	0.6223
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.4096	0.1687	0.2403	0.2518	0.5288
drug-07		0.4362	0.1611	0.1374	0.0635	0.4463
drug-08		0.5638	0.1246	0.2012	0.1787	0.4334
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5106	0.1398	0.1497	0.0925	0.5263
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5851	0.1185	0.1737	0.1890	0.4181
drug-14		0.5957	0.1155	0.2605	0.2667	0.4540
drug-15		0.7447	0.0729	0.1220	-0.0204	0.2917
drug-16		0.5904	0.1170	0.2646	0.3142	0.4576
drug-17		0.3457	0.1869	0.2017	0.1007	0.6439
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1632	0.0243	0.3344
drybean		0.9324	0.0193	0.9443	0.9182	0.1109
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2100	0.3950	0.2115	-0.0521	0.8779
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.7423	0.2577	0.7391	0.4691	0.7424
eeg10%		0.4298	0.0713	0.4169	0.3649	0.5279
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6438	0.1425	0.6210	0.5381	0.4060
euthyroid		0.9304	0.0696	0.7730	0.4246	0.1765
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5250	0.4750	0.5249	0.0497	0.9851
farm-ads		0.7874	0.2126	0.8016	0.5626	0.5526
fbis-wc		0.6260	0.0440	0.4141	0.5557	0.2052
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7255	0.2745	0.7267	0.4279	0.7258
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.9907	0.0031	0.9906	0.9887	0.0232
gastrointestinal		0.8125	0.1250	0.8305	0.6981	0.2631
gender		0.5937	0.2709	0.3735	0.1298	0.5165
gene		0.9369	0.0421	0.9321	0.8993	0.2008
german		0.7500	0.2500	0.7146	0.3719	0.6479
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.9337	0.0663	0.9337	0.8673	0.3246
gisette		0.9629	0.0371	0.9629	0.9257	0.2136
glass		0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.5333	0.2333	0.5832	0.3519	0.4258
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.9638	0.0145	0.9617	0.9542	0.0698
har70		0.4777	0.1492	0.0924	0.0000	0.2651

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har701%		0.8602	0.0399	0.5058	0.7900	0.1554
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth		0.4492	0.0918	0.0517	0.0000	0.2692
harth1%		0.6603	0.0566	0.3401	0.4742	0.2550
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure		0.9640	0.0360	0.9580	0.9150	0.1956
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6755	0.3245	0.6731	0.3436	0.8476
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.0625	0.0253	0.3029
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.9039	0.0961	0.8126	0.5867	0.3948
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5833	0.2778	0.4737	0.2448	0.6829
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.9799	0.0201	0.9370	0.8707	0.1738
hypothyroid		0.9363	0.0318	0.5471	0.5082	0.2451
hypothyroidT		0.9549	0.0451	0.8202	0.5658	0.1285
ilpd		0.6610	0.3390	0.4663	-0.0461	0.8780
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9461	0.0041	0.9470	0.9439	0.0503
jm1		0.8246	0.1754	0.6564	0.2291	0.5895
jvowels		0.9940	0.0013	0.9939	0.9932	0.0120
kc1		0.8815	0.1185	0.7403	0.3730	0.3783
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7500	0.2500	0.5552	0.1011	0.8298
kdc-4007		0.1995	0.2287	0.2647	0.0561	0.3888
kddcup981%		0.6526	0.3474	0.5734	0.0684	0.3459
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.5758	0.0471	0.5623	0.5239	0.3675
krvskp		0.9592	0.0408	0.9597	0.9185	0.2215
la1s-wc		0.6952	0.1016	0.6682	0.6104	0.3633
la2s-wc		0.6755	0.1082	0.6566	0.5739	0.3820
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6765	0.0281	0.6838	0.6603	0.0833
led24		0.7000	0.0600	0.6825	0.6601	0.1267
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9535	0.0036	0.9538	0.9516	0.0526
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8889	0.0148	0.9083	0.8808	0.0504
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9438	0.0562	0.9399	0.8792	0.2853
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.5419	0.0833	0.2639	0.3868	0.4181
lrs		0.8868	0.0226	0.4553	0.8434	0.0597
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9255	0.0745	0.9237	0.8472	0.3606
madelon		0.5808	0.4192	0.5818	0.1615	0.9380
magic04		0.8674	0.1326	0.8521	0.6969	0.5025
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8327	0.6654	0.5984
marketing		0.8973	0.1027	0.7665	0.4453	0.3511
maternal		0.6535	0.2310	0.6575	0.4658	0.5272
math		0.7750	0.1125	0.7605	0.6429	0.2740
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2300	0.3080	0.2293	0.0358	0.8442
messidor		0.6957	0.3043	0.6897	0.3793	0.8299
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.8003	0.6104	0.2026
meter-D		0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-fou		0.8200	0.0360	0.8217	0.8000	0.1439
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7300	0.0540	0.7369	0.7000	0.1708
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.8400	0.0320	0.8451	0.8222	0.0831
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9340	0.0440	0.9259	0.8987	0.1587
mines		0.5294	0.1882	0.4817	0.4106	0.3845
mobile		0.8741	0.0045	0.8836	0.8718	0.0580
monks-1		0.8000	0.2000	0.8013	0.5991	0.6529

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
monks-2			0.8361	0.1639	0.8143	0.6105	0.5504
monks-3			0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.9988	0.0012	0.9988	0.9975	0.0115
music			0.2750	0.1318	0.0392	0.0000	0.3477
musk			0.9439	0.0561	0.8866	0.7528	0.2285
MUT_ci300400a_cdk_ECFP2			0.7530	0.2470	0.7431	0.4837	0.7469
MUT_ci300400a_cdk_ECFP4			0.7772	0.2228	0.7704	0.5407	0.7116
MUT_ci300400a_cdk_ECFP6			0.7449	0.2551	0.7349	0.4678	0.7605
MUT_ci300400a_cdk_ESTATE			0.7338	0.2662	0.7243	0.4481	0.7800
MUT_ci300400a_cdk_EXTENDED			0.8070	0.1930	0.8013	0.6026	0.6575
MUT_ci300400a_cdk_FCFP2			0.7377	0.2623	0.7261	0.4467	0.7645
MUT_ci300400a_cdk_FCFP4			0.7386	0.2614	0.7272	0.4495	0.7641
MUT_ci300400a_cdk_FCFP6			0.7734	0.2266	0.7646	0.5269	0.7131
MUT_ci300400a_cdk_MACCS			0.7806	0.2194	0.7719	0.5392	0.6943
MUT_ci300400a_cdk_PUBCHEM			0.8096	0.1904	0.8031	0.6056	0.6508
MUT_ci300400a_cdk_STANDARD			0.7808	0.2192	0.7729	0.5449	0.7036
MUT_ci300400a_rdkit_descriptors			0.8396	0.1604	0.8353	0.6698	0.5856
myocardial			0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid			0.5012	0.4988	0.3339	0.0000	0.5282
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%			0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%			0.7777	0.0234	0.0461	0.0000	0.1370
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
newspop			0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction			0.9604	0.0396	0.9230	0.8426	0.2559
nomao			0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits			0.5000	0.3333	0.3252	0.0193	0.5922
nursery			0.9761	0.0120	0.8985	0.9647	0.0363
obesity			0.8910	0.0311	0.8877	0.8727	0.1373
obs			0.8704	0.0648	0.8975	0.8067	0.1971
occupancy			0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation			0.9921	0.0039	0.9748	0.9760	0.0471
oh0-wc			0.6634	0.0673	0.5792	0.6007	0.2275
oh10-wc			0.6000	0.0800	0.5796	0.5322	0.2663
oh15-wc			0.5217	0.0957	0.3989	0.4325	0.2594
oh5-wc			0.5495	0.0901	0.5241	0.4746	0.2552
ohscal-wc			0.1461	0.1708	0.0255	0.0000	0.3953
olive			0.9474	0.0117	0.9385	0.9343	0.0333
opn310k			0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%			0.9123	0.0877	0.6200	0.0363	0.2713
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.9822	0.0036	0.9837	0.9802	0.0250
optdigitsZ			0.9964	0.0036	0.9889	0.9776	0.0175
orl			1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8299	0.1701	0.8075	0.6140	0.6259
P-Glycoprotein_c_RDkit_AtomPair_FP			0.9206	0.0794	0.9227	0.8416	0.3489
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9726	0.0110	0.8841	0.8369	0.1507
parkinson			0.9667	0.0333	0.9655	0.9310	0.2012

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons			0.8057	0.1943	0.7941	0.5883	0.6673
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.7194	0.2806	0.4184	0.0000	0.4268
particle10%			0.8854	0.1146	0.8536	0.7031	0.4940
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9099	0.0901	0.5693	0.1246	0.6636
pcmac			0.5722	0.4278	0.4944	-0.0042	0.7636
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia			0.5588	0.1260	0.4214	0.4486	0.3898
pendigits			0.9936	0.0013	0.9936	0.9929	0.0120
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.8192	0.1808	0.8042	0.6051	0.6309
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.9250	0.0750	0.9142	0.8257	0.3447
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.7496	0.0715	0.7196	0.7067	0.2469
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%			0.7753	0.0642	0.7574	0.7366	0.2505
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.8574	0.1426	0.8248	0.6496	0.5918
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7368	0.2632	0.7176	0.4154	0.7389
pirvision			0.9922	0.0052	0.9862	0.9748	0.0278
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7368	0.2632	0.7360	0.4693	0.7643
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5395	0.1316	0.1571	0.1235	0.3117
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th			0.9439	0.0561	0.5386	0.0260	0.4089
polish-5th			0.9357	0.0643	0.6671	0.2205	0.3986
polya			0.7978	0.2022	0.7745	0.5446	0.6772
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6195	0.2353	0.9023
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4848	0.0793	0.3663	0.4234	0.2419
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7313	0.2687	0.6689	0.2923	0.7269
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9692	0.0123	0.9580	0.9586	0.0607
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.6267	0.0574	0.2927	0.4370	0.2478
re1-wc			0.4217	0.0463	0.1282	0.2701	0.2974
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6618	0.3382	0.6427	0.2828	0.8722
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8989	0.0337	0.8863	0.8748	0.1544
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9409	0.0591	0.8154	0.5980	0.3572
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9351	0.0186	0.9425	0.9241	0.0737
segmentation			0.8812	0.1188	0.8698	0.7394	0.5009
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8905	0.1095	0.7585	0.4777	0.5044
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9496	0.0504	0.7516	0.4051	0.2858
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9935	0.0065	0.9903	0.9804	0.0931
smarket			0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming			0.1600	0.4200	0.1529	-0.1254	0.8416
smk_can_187			0.7895	0.2105	0.7933	0.5730	0.6420
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1833	0.3267	0.1827	-0.0227	0.8726
solar-flare			0.7626	0.0791	0.6174	0.6949	0.1847
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.9559	0.0046	0.9202	0.9515	0.0186
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9152	0.0848	0.9111	0.8202	0.3754
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer			0.6154	0.0285	0.5035	0.5920	0.1232
splice-EI			0.9685	0.0315	0.9582	0.9164	0.2255
splice-IE			0.9306	0.0694	0.9010	0.7986	0.3550
sport-articles			0.8600	0.1400	0.8498	0.6997	0.5535
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8564	0.1436	0.7669	0.5251	0.6179
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8000	0.2000	0.7744	0.5457	0.6792
steel-p			0.9282	0.0718	0.6941	0.2762	0.3858
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9028	0.0972	0.8215	0.6267	0.4657
stockb			0.9912	0.0059	0.9913	0.9868	0.0273
streaming			0.9080	0.0920	0.9071	0.8141	0.4113
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4600	0.2160	0.3075	0.1446	0.4421
student-weekend			0.3692	0.2523	0.2419	0.1117	0.6168
student-workday			0.6875	0.1250	0.1630	-0.0248	0.2966
studentap			0.6154	0.2564	0.4782	0.3750	0.4230
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.9945	0.0010	0.9949	0.9940	0.0082
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7910	0.2090	0.6776	0.2547	0.5681
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f			0.6471	0.3529	0.5597	0.0893	0.8324
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.6053	0.1990	0.8161
trec11-wc			0.3659	0.1409	0.1062	0.0951	0.3267
trec12-wc			0.3226	0.1694	0.1560	0.0510	0.3512
trec21-wc			0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.6452	0.1183	0.4347	0.4866	0.3116
trec41-wc			0.5341	0.0932	0.2697	0.3921	0.2714
trec45-wc			0.4638	0.1072	0.4142	0.3512	0.3355
tuandromd			0.9798	0.0202	0.9696	0.9386	0.2027
turkish			0.8500	0.0750	0.8541	0.8000	0.1732
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.9385	0.0615	0.9338	0.8656	0.2918
tvnews10%			0.9129	0.0871	0.9058	0.8114	0.4038
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9687	0.0313	0.7252	0.2510	0.0954
urban			0.8209	0.0398	0.8308	0.7894	0.1388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7857	0.1071	0.7463	0.7102	0.2066
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6465	0.0643	0.6898	0.6111	0.1732
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.6346	0.0365	0.4065	0.5808	0.1941
warpar10p			0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.7523	0.0708	0.7460	0.7101	0.2873
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2700	0.3650	0.2700	0.0265	0.8463
waveform			0.8320	0.1120	0.8322	0.7480	0.3812
weather-related			0.9577	0.0077	0.9589	0.9519	0.0463
web-phishing			0.8370	0.1086	0.7007	0.7054	0.4471
Weekly			0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9814	0.0186	0.8924	0.7711	0.1899
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6289	0.1237	0.2975	0.3932	0.4175
winequality-white			0.5644	0.1245	0.2614	0.3162	0.4478
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7496	0.7322	0.0687
yeast			0.5405	0.0919	0.3334	0.4055	0.3758
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9656	0.0069	0.9628	0.9614	0.0570

Table 107: Detailed results for LSMBSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1590	0.0801	0.1169	0.0785	0.6482
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8333	0.1667	0.4977	-0.0046	0.7062
AID_1431_KlekotaRothFingerprinter		0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1431_MACCSFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878		0.6762	0.3238	0.5489	0.0934	0.7940
AID_602330		0.8802	0.1198	0.5142	0.0247	0.5228
AID_652128		0.7475	0.1683	0.2868	-0.0631	0.6064
AID1284Morered		0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red		0.6944	0.3056	0.4891	-0.0206	0.7441
AID1608Morered		0.8641	0.1359	0.5267	0.0526	0.6574
AID1608red		0.8544	0.1456	0.4607	-0.0752	0.5990
AID362red		0.9766	0.0234	0.5774	0.1548	0.5701
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		0.5714	0.4286	0.6818	0.2222	0.4422
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.7174	0.4318	0.7663
AID644red		0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.8889	0.1111	0.8333	0.6087	0.2605
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7700	0.2300	0.7027	0.4038	0.7617
air_pollution		0.2100	0.2257	0.1079	-0.0291	0.9318
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8857	0.0457	0.7139	0.7329	0.1297
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7674	0.2326	0.7456	0.4912	0.7408
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9930	0.0035	0.9778	0.9868	0.0195
anuran-genus		0.9861	0.0035	0.9546	0.9772	0.0810
anuran-species		0.9847	0.0031	0.9811	0.9788	0.0414
anxiety		0.1250	0.1944	0.1264	0.0159	0.7939
apple-quality		0.8950	0.1050	0.8957	0.7900	0.4391
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7500	0.2500	0.7354	0.4681	0.7547
arrhythmia		0.5556	0.0684	0.1858	0.3023	0.3643
auction		0.9461	0.0539	0.8692	0.7261	0.3319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.8182	0.0331	0.6659	0.7827	0.0742
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.8276	0.1724	0.8505	0.6588	0.4125
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.2903	0.2028	0.1933	0.0261	0.7422
balance		0.8065	0.1290	0.5898	0.6643	0.4005
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6498	0.3502	0.6197	0.2395	0.8894
basehock		0.9196	0.0804	0.9197	0.8392	0.3718
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8381	0.1619	0.8407	0.6710	0.5680
biomed		0.8095	0.1905	0.8108	0.5532	0.3876
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.5714	0.4286	0.5458	0.0870	0.8810
breast-cancer-co		0.8182	0.1818	0.8451	0.6452	0.4308
breast-cancer-ma		0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue		0.3636	0.2121	0.3492	0.2451	0.3231
bridges		0.4000	0.1714	0.3045	0.2308	0.3602
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9710	0.0290	0.9681	0.9361	0.1885
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9540	0.0230	0.8732	0.9002	0.0956
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.7826	0.2174	0.7749	0.5474	0.6962
cardiotocography		0.6150	0.0770	0.5956	0.5405	0.4717
cardiotocography-nsp		0.8967	0.0689	0.8202	0.7229	0.3060
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0104
cars		0.6500	0.2333	0.5643	0.3860	0.6120
cas_N6512_cdk_ECFP2		0.7634	0.2366	0.7614	0.5223	0.7289
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.7316	0.2684	0.7291	0.4555	0.7731
cas_N6512_rdkit_AVALON		0.7803	0.2197	0.7790	0.5581	0.7013
cas_N6512_RDkit_Avalon_FP		0.8006	0.1994	0.8001	0.5998	0.6637
cas_N6512_rdkit_descriptors		0.7615	0.2385	0.7595	0.5178	0.7304
cas_N6512_rdkit_FEATMORGAN		0.7803	0.2197	0.7799	0.5594	0.6998
cas_N6512_RDkit_Featmorgan_FP		0.7929	0.2071	0.7915	0.5829	0.6786
cas_N6512_RDkit_FP		0.7515	0.2485	0.7498	0.4997	0.7489
cas_N6512_rdkit_LAYERED		0.7677	0.2323	0.7662	0.5323	0.7228
cas_N6512_RDkit_Layered_FP		0.7423	0.2577	0.7400	0.4791	0.7613
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.7908	0.2092	0.7894	0.5788	0.6828
cas_N6512_RDkit_morgan_FP		0.7960	0.2040	0.7945	0.5887	0.6725

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7708	0.2292	0.7702	0.5400	0.7165
cas_N6512_RDkit_pattern_FP		0.7699	0.2301	0.7688	0.5376	0.7188
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.7800	0.2200	0.7794	0.5585	0.7007
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7668	0.2332	0.7512	0.5008	0.7347
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9302	0.0698	0.6139	0.2158	0.6307
cervical-H		0.9419	0.0581	0.7728	0.5169	0.5762
cervical-S		0.9302	0.0698	0.7711	0.5343	0.5353
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8577	0.1423	0.7507	0.4940	0.6625
ci900367j_MACCS		0.6737	0.3263	0.6635	0.3250	0.8491
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.6429	0.2381	0.4324	0.3046	0.5753
cjs		0.9929	0.0024	0.9911	0.9913	0.0136
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.8000	0.2000	0.5974	0.1803	0.6689
cmc		0.4694	0.3537	0.4583	0.1875	0.7654
cnae-9		0.9444	0.0123	0.9447	0.9375	0.0605
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.8831	0.1169	0.8606	0.7179	0.5302
collins		0.5000	0.0667	0.4085	0.4467	0.2856
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.7586	0.2414	0.7398	0.4781	0.7496
colposcopies-2		0.5172	0.4828	0.4682	-0.0628	0.9943
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.7586	0.2414	0.6866	0.3715	0.7831
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c		0.6552	0.3448	0.5292	0.0584	0.8870
column-2c		0.8387	0.1613	0.8092	0.5995	0.5508
column-3c		0.7097	0.1935	0.6909	0.5485	0.5583
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.6538	0.3462	0.6539	0.3077	0.8759
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.6667	0.3333	0.6750	0.3415	0.8344
cultivars		0.3750	0.0312	0.2656	0.3581	0.1168
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1700	0.2767	0.1693	0.0034	0.8823
cyclopentane		0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands		0.7963	0.2037	0.7970	0.5903	0.6643
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8796	0.1204	0.7586	0.5115	0.6127
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8042	0.1958	0.5850	0.1592	0.7761
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.3639	0.1351	0.6307
dexter		0.4833	0.5167	0.3258	-0.0333	0.6886
df_final		0.6250	0.2500	0.4805	0.4000	0.4520
DIA		0.8333	0.1667	0.7778	0.5556	0.6625
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5588	0.2941	0.5035	0.2365	0.6848
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9333	0.0333	0.9235	0.9070	0.0848
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9391	0.0609	0.7972	0.5584	0.3855
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.6185	0.2543	0.5510	0.3660	0.6675
drug-01		0.2606	0.2112	0.1534	0.0311	0.8187
drug-02		0.2926	0.2021	0.1700	0.0516	0.8561
drug-03		0.3511	0.1854	0.1397	0.0165	0.7144
drug-04		0.3777	0.1778	0.2240	0.1452	0.8125
drug-05		0.4362	0.1611	0.1283	0.0038	0.8004
drug-06		0.2926	0.2021	0.2558	0.1602	0.7335
drug-07		0.3032	0.1991	0.1418	0.0491	0.7615
drug-08		0.3138	0.1960	0.1648	0.0758	0.8353
drug-09		0.5904	0.1170	0.1533	0.0511	0.5781
drug-10		0.3564	0.1839	0.1542	0.0870	0.7695
drug-11		0.6649	0.0957	0.1848	0.1117	0.7026
drug-12		0.4096	0.1687	0.1352	0.0186	0.6531
drug-13		0.3670	0.1809	0.1546	0.0828	0.8307
drug-14		0.3670	0.1809	0.2011	0.1109	0.8375
drug-15		0.5638	0.1246	0.1576	0.1005	0.8927
drug-16		0.3511	0.1854	0.2367	0.1367	0.7957

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-17		0.1809	0.2340	0.1401	-0.0004	0.8789
drug-18		0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19		0.5160	0.1383	0.1746	0.0842	0.7328
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.6176	0.1275	0.4872	0.4738	0.3528
ecoliCP-IM		0.9091	0.0909	0.9018	0.8036	0.4217
ecoliM		0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU		0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM		0.9091	0.0909	0.4762	-0.0421	0.6863
ecommerce		0.1700	0.4150	0.1700	-0.1062	0.9130
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4932	0.2027	0.5009	0.3552	0.5106
euthyroid		0.9715	0.0285	0.9153	0.8266	0.2470
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.4975	0.5025	0.4979	-0.0042	0.9999
farm-ads		0.8865	0.1135	0.8859	0.7714	0.4678
fbis-wc		0.6382	0.0426	0.5940	0.5918	0.4018
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.7647	0.2353	0.7624	0.5248	0.7286
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8830	0.8376	0.0812
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.7308	0.1346	0.7234	0.6282	0.3221
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.8125	0.1250	0.7955	0.7019	0.3546
gender		0.5789	0.2807	0.4193	0.1446	0.7048
gene		0.9243	0.0505	0.9168	0.8788	0.2318
german		0.5700	0.4300	0.4976	-0.0047	0.9661
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9568	0.0432	0.9568	0.9135	0.2373
gisette		0.9643	0.0357	0.9644	0.9286	0.2035
glass		0.3810	0.2063	0.4184	0.1361	0.5205
glass-g2		0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8333	0.1667	0.8276	0.6543	0.6006
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.5333	0.2333	0.5431	0.3636	0.4917
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hayes-roth		0.6875	0.2083	0.7259	0.5181	0.3776
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.6800	0.1600	0.2427	0.0193	0.5534
heart		0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack		0.7097	0.2903	0.7275	0.4318	0.7406
heart-c		0.8000	0.2000	0.7991	0.5982	0.6654
heart-failure		0.9640	0.0360	0.9580	0.9153	0.2045
heart-quantum		0.6800	0.3200	0.7083	0.3846	0.7488
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs		0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1585	0.1358	0.2709
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.7500	0.2500	0.7490	0.4980	0.7508
hiv1-proteasa		0.9056	0.0944	0.8246	0.6464	0.5227
hiva		0.9598	0.0402	0.5663	0.0917	0.5201
horse		0.5278	0.3148	0.3611	0.1453	0.5687
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.7439	0.2561	0.5059	0.0117	0.7709
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9788	0.0212	0.9338	0.8658	0.2186
hypothyroid		0.8753	0.0623	0.4439	0.4335	0.6095
hypothyroidT		0.9814	0.0186	0.9337	0.8672	0.2663
ilpd		0.6780	0.3220	0.5866	0.1715	0.8815
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8007	0.1993	0.6159	0.2065	0.7447
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.8531	0.1469	0.6840	0.3558	0.6833
kc1-class-level-defectiveornot		0.6667	0.3333	0.6822	0.1935	0.4786
kc1-class-level-numericdefect		0.6923	0.1231	0.3778	0.3810	0.2705
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.5858	0.1675	0.8277
kdc-4007		0.8653	0.0385	0.8669	0.8428	0.2173
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.8032	0.0656	0.7757	0.7500	0.3041
la2s-wc		0.7318	0.0894	0.7311	0.6661	0.4080
labor		0.6667	0.3333	0.7500	0.4000	0.5283
leaf		0.5294	0.0409	0.5289	0.5064	0.1427
led24		0.6000	0.0800	0.5887	0.5493	0.1806

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8889	0.0148	0.9110	0.8809	0.0491
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.5588	0.4412	0.5301	0.0590	0.9271
loan		0.8923	0.1077	0.8845	0.7684	0.4610
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.7358	0.0755	0.6178	0.6373	0.2517
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.5556	0.4444	0.5500	0.1000	0.9644
lymphography		0.5714	0.2857	0.3942	0.2000	0.4973
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.8723	0.1277	0.8699	0.7390	0.5128
madelon		0.5654	0.4346	0.5663	0.1308	0.9507
magic04		0.8622	0.1378	0.8460	0.6867	0.5265
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8021	0.1979	0.8011	0.6021	0.6610
marketing		0.8839	0.1161	0.7748	0.5493	0.6269
maternal		0.7921	0.1386	0.7977	0.6848	0.4113
math		0.7250	0.1375	0.7081	0.5674	0.3639
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2267	0.3093	0.2275	0.0332	0.8585
messidor		0.6696	0.3304	0.6624	0.3246	0.8615
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.4809	0.4425	0.4215
meter-D		0.9444	0.0278	0.9571	0.9227	0.0673
mfeat-fac		0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-fou		0.8550	0.0290	0.8558	0.8389	0.1077
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7050	0.0590	0.7096	0.6722	0.1944
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.8150	0.0370	0.8239	0.7944	0.1078
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6765	0.1294	0.6661	0.5948	0.3560
mobile		0.5804	0.0150	0.6319	0.5728	0.1983
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9180	0.0820	0.9145	0.8244	0.3918
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		1.0000	0.0000	1.0000	1.0000	0.0000
MUT_ci300400a_cdk_ECFP2		0.8249	0.1751	0.8200	0.6400	0.6217
MUT_ci300400a_cdk_ECFP4		0.8407	0.1593	0.8357	0.6711	0.5870
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ESTATE		0.7650	0.2350	0.7556	0.5083	0.7261
MUT_ci300400a_cdk_EXTENDED		0.8333	0.1667	0.8280	0.6557	0.6028
MUT_ci300400a_cdk_FCFP2		0.8252	0.1749	0.8194	0.6386	0.6201
MUT_ci300400a_cdk_FCFP4		0.8249	0.1751	0.8189	0.6371	0.6185
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.8417	0.1583	0.8370	0.6740	0.5854
MUT_ci300400a_cdk_PUBCHEM		0.8647	0.1353	0.8602	0.7197	0.5280
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.8033	0.1967	0.7974	0.5923	0.6557
myocardial		0.8824	0.0294	0.3013	0.4850	0.1861
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.8571	0.0952	0.7816	0.6111	0.1771
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9648	0.0352	0.9327	0.8649	0.2763
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4306	0.3796	0.3730	0.0732	0.7899
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.8057	0.0555	0.7953	0.7729	0.2294
obs		0.9722	0.0139	0.9800	0.9587	0.0607
occupancy		0.9903	0.0097	0.9866	0.9729	0.1138
Occupancy_Estimation		0.9882	0.0059	0.9649	0.9638	0.0510
oh0-wc		0.7921	0.0416	0.7650	0.7607	0.1952
oh10-wc		0.6571	0.0686	0.6347	0.6104	0.3385
oh15-wc		0.6630	0.0674	0.6339	0.6171	0.3190
oh5-wc		0.7582	0.0484	0.7525	0.7272	0.2313
olive		0.8947	0.0234	0.8772	0.8677	0.1103
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9858	0.0028	0.9867	0.9842	0.0201
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9526	0.0474	0.6144	0.2259	0.6120
ozone8hr		0.8458	0.1542	0.5051	0.0100	0.6697
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8247	0.1753	0.8034	0.6067	0.6400
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8579	0.7143	0.5399
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9634	0.0146	0.6461	0.7824	0.1850
parkinson		0.9333	0.0667	0.9310	0.8620	0.3334
parkinsons		0.7678	0.2322	0.7567	0.5127	0.7309
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.5000	0.3333	0.5000	0.2000	0.3750
pc1		0.9009	0.0991	0.6073	0.2138	0.6764
pcmac		0.4742	0.5258	0.4739	-0.0515	0.9965
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia		0.5000	0.1429	0.5210	0.3941	0.3844
pendigits		0.9936	0.0013	0.9936	0.9929	0.0125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.4444	0.5556	0.4208	-0.1538	0.9711
persistency			0.7464	0.2536	0.7239	0.4450	0.7662
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.8150	0.1850	0.7916	0.5832	0.6633
phishing			0.9837	0.0163	0.9829	0.9656	0.1063
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8889	0.1111	0.8638	0.7275	0.5113
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6579	0.3421	0.6381	0.2757	0.8794
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.4737	0.5263	0.4775	-0.0440	1.0000
plrx			0.7222	0.2778	0.6328	0.2623	0.8344
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd			0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.6837	0.3532	0.5925
polya			0.7859	0.2141	0.7640	0.5273	0.7081
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.4388	0.3077	0.4154
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6618	0.3382	0.6635	0.3235	0.8580
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.3030	0.1072	0.2639	0.2341	0.3702
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7910	0.2090	0.7760	0.5473	0.6914
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc			0.6400	0.0554	0.6252	0.5344	0.3683
re1-wc			0.5181	0.0386	0.4740	0.4515	0.3836
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9718	0.0282	0.9723	0.9430	0.1343
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6647	0.3353	0.6520	0.3040	0.8691
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8274	0.0575	0.8112	0.7881	0.2455
satimageF			0.9891	0.0109	0.9718	0.9435	0.1479

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimageT			0.1011	0.8989	0.0918	0.0000	0.2389
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.6005	0.1765	0.8657
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9481	0.0148	0.9543	0.9393	0.0632
segmentation			0.7871	0.2129	0.7719	0.5431	0.7034
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9225	0.0775	0.6486	0.2930	0.6404
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.7605	0.2395	0.5210	0.0416	0.7633
sens-2-gram			0.7737	0.2263	0.6169	0.2212	0.7144
sens-3-gram			0.8132	0.1868	0.5806	0.1611	0.7625
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8316	0.1684	0.5762	0.1473	0.7577
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6			0.6000	0.4000	0.6000	0.2000	0.9288
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.7200	0.2800	0.7205	0.4382	0.7874
smart-farming			0.1600	0.4200	0.1542	-0.1194	0.8807
smk_can_187			0.7368	0.2632	0.7360	0.4693	0.7643
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2167	0.3133	0.2169	0.0212	0.8678
solar-flare			0.6619	0.1127	0.5918	0.5740	0.4023
sonar			0.7000	0.3000	0.7185	0.4000	0.7215
soybean			0.8529	0.0155	0.8974	0.8383	0.0852
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8978	0.1022	0.8931	0.7861	0.4477
spect			0.6667	0.3333	0.5950	0.1818	0.8134
spectf			0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer			0.0577	0.0698	0.0798	0.0066	0.3625
splice-EI			0.9779	0.0221	0.9709	0.9417	0.1787
splice-IE			0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles			0.7300	0.2700	0.6975	0.3680	0.7445
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.2667	0.2857	0.2308	0.1805
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8256	0.1744	0.7470	0.4931	0.6955
steel-d			0.9949	0.0051	0.9553	0.9065	0.0226
steel-k			0.9795	0.0205	0.9682	0.9359	0.1450
steel-o			0.8256	0.1744	0.8048	0.6081	0.6309
steel-p			0.8974	0.1026	0.6395	0.2780	0.6749
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9333	0.0667	0.8336	0.6608	0.5465
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8889	0.1111	0.8068	0.6129	0.5758
stockb			0.9692	0.0206	0.9697	0.9537	0.0884

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
streaming			0.8740	0.1260	0.8724	0.7445	0.5028
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.2400	0.3040	0.1784	-0.0840	0.8163
student-weekend			0.3538	0.2585	0.2686	0.1205	0.6960
student-workday			0.5625	0.1750	0.1951	0.0852	0.5743
studentap			0.3846	0.4103	0.3833	0.0545	0.7688
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6667	0.2222	0.6735	0.5000	0.4558
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9964	0.0007	0.9964	0.9960	0.0059
theorem			0.9967	0.0033	0.9966	0.9933	0.0238
thoracic			0.7660	0.2340	0.5644	0.1282	0.7808
thrombin			0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7985	0.2015	0.6905	0.3268	0.6422
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8235	0.0882	0.8375	0.7650	0.1709
toxicity			0.4118	0.5882	0.3561	-0.2879	1.0000
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc			0.8293	0.0379	0.7555	0.7901	0.1732
trec12-wc			0.7419	0.0645	0.7811	0.6833	0.2098
trec21-wc			0.8485	0.0606	0.5322	0.6939	0.2013
trec23-wc			0.8095	0.0635	0.8757	0.7255	0.1247
trec31-wc			0.8172	0.0609	0.7713	0.7579	0.2833
trec41-wc			0.6932	0.0614	0.6463	0.6348	0.2895
trec45-wc			0.6087	0.0783	0.5490	0.5462	0.3401
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.8500	0.0750	0.8521	0.8000	0.1546
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8615	0.1385	0.8621	0.7151	0.5225
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9633	0.0367	0.7151	0.4300	0.5783
ur3_cobotops_stop			0.9646	0.0354	0.7411	0.4817	0.5540
urban			0.7910	0.0464	0.7851	0.7561	0.1699
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.6905	0.1548	0.6943	0.5910	0.3215
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5354	0.0845	0.6060	0.4889	0.2337
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7885	0.0212	0.6694	0.7625	0.1351
warpar10p			0.8462	0.0308	0.7467	0.8267	0.0390
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2733	0.3633	0.2710	0.0304	0.8479
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8815	0.0790	0.8576	0.7910	0.3652
Weekly			0.8889	0.1111	0.8882	0.7759	0.4652
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9900	0.0050	0.9901	0.9867	0.0254
wilt			0.9814	0.0186	0.9174	0.8267	0.4154
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5660	0.1447	0.3174	0.3318	0.6153
winequality-white			0.5051	0.1414	0.2786	0.2956	0.7051
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.8947	0.1053	0.8871	0.7645	0.3964
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.3243	0.1351	0.2268	0.1669	0.7139
yeastCYT-POX			0.9184	0.0816	0.6619	0.2950	0.5709
yeastEXC			0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1			0.9459	0.0541	0.7346	0.4056	0.5289
yeastME2			0.9392	0.0608	0.4843	-0.0215	0.6129
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 108: Detailed results for LSSVMRBF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1470	0.0812	0.1069	0.0583	0.5322
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.4000	0.6000	0.4000	-0.2000	1.0000
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8685	0.1315	0.8098	0.5965	0.5015
air_pollution		0.3967	0.1724	0.0813	-0.0099	0.4250
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7524	0.0990	0.4157	0.3790	0.2519
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8558	0.1442	0.8395	0.6758	0.5525
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9291	0.0355	0.6556	0.8627	0.1803
anuran-genus		0.9652	0.0087	0.7849	0.9422	0.0998
anuran-species		0.9611	0.0078	0.8351	0.9455	0.0632
anxiety		0.0917	0.2019	0.0838	-0.0232	0.8430
apple-quality		0.8600	0.1400	0.8607	0.7200	0.5318
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6500	0.3500	0.6436	0.2857	0.8745
arrhythmia		0.7333	0.0533	0.4209	0.5140	0.1657

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9216	0.0784	0.8004	0.5421	0.3256
audiology		0.9091	0.0165	0.8707	0.8919	0.0425
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9310	0.0690	0.9310	0.8619	0.3353
autos		0.7500	0.1000	0.7393	0.6622	0.2018
avila		0.6608	0.0565	0.5909	0.5193	0.2978
babies		0.4435	0.1590	0.1720	0.1328	0.5221
balance		0.9194	0.0538	0.6337	0.8483	0.1304
bank		0.9048	0.0952	0.7170	0.4040	0.5611
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8894	0.1106	0.8810	0.7480	0.3908
basehock		0.6583	0.3417	0.6583	0.3165	0.8709
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8688	0.6981	0.0185
biodeg		0.8571	0.1429	0.8479	0.6957	0.5561
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.6254	0.1873	0.6172	0.5005	0.4957
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5738	0.0968	0.7455
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.7407	0.7800	0.0723
bridges		0.8000	0.0667	0.8000	0.7143	0.1503
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4820	0.3453	0.2715	-0.0176	0.4344
car		0.9195	0.0402	0.8030	0.8262	0.2294
card		0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography		0.7934	0.0413	0.7485	0.7486	0.1787
cardiotocography-nsp		0.9061	0.0626	0.8250	0.7206	0.2588
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9797	0.0135	0.9800	0.9695	0.0686
cars		0.7000	0.2000	0.6285	0.4637	0.4881
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.6062	0.3938	0.6007	0.1996	0.9220
cas_N6512_RDkit_AtomPair_FP		0.6856	0.3144	0.6826	0.3646	0.8398
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.6969	0.3031	0.6968	0.3930	0.8232
cas_N6512_rdkit_FEATMORGAN		0.6667	0.3333	0.6625	0.3215	0.8566
cas_N6512_RDkit_Featmorgan_FP		0.5828	0.4172	0.5740	0.1358	0.9120
cas_N6512_RDkit_FP		0.6503	0.3497	0.6506	0.3004	0.8766
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.7051	0.2949	0.7044	0.4085	0.8137
cas_N6512_RDkit_MACCS_FP		0.7439	0.2561	0.7451	0.4882	0.7542
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.6600	0.3400	0.6641	0.3242	0.8560
cas_N6512_RDkit_pattern_FP		0.6365	0.3635	0.6374	0.2737	0.8898
cas_N6512_rdkit_RDKITFP		0.6866	0.3134	0.6855	0.3709	0.8381
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6580	0.3420	0.5746	0.0998	0.7771
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9669	0.0331	0.7642	0.3892	0.0999
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8520	0.1480	0.7420	0.4402	0.5581
churn-bigml		0.8689	0.1311	0.6932	0.1633	0.2716
ci900367j_MACCS		0.6947	0.3053	0.6679	0.3334	0.8390
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.8095	0.1270	0.5516	0.6129	0.3242
cjs		0.7679	0.0774	0.7971	0.7121	0.1936
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7815	0.1093	0.5287	0.6400	0.2685
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.7500	0.1667	0.8028	0.6000	0.3320
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5578	0.2948	0.5336	0.2963	0.6927
cnae-9		0.9167	0.0185	0.9170	0.9062	0.0842
codon_usage		0.8596	0.0255	0.6215	0.8274	0.1592
coil20		0.9931	0.0007	0.9938	0.9927	0.0052
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		0.6600	0.0453	0.5963	0.6205	0.1773
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.8710	0.1290	0.8634	0.7195	0.5250
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7668	0.2332	0.7681	0.5340	0.7164
coupon		0.6861	0.3139	0.6768	0.3522	0.8411
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9389	0.0611	0.8597	0.7043	0.3476

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9545	0.0455	0.7956	0.5526	0.3552
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9979	0.0021	0.4995	-0.0006	0.4397
crowdsourced		0.9161	0.0280	0.8086	0.8204	0.1536
cryotherapy		0.4444	0.5556	0.3077	0.0000	0.5302
cultivars		0.5000	0.0250	0.3661	0.4859	0.0600
cybersecurity		0.1400	0.2867	0.1384	-0.0344	0.8988
cyclopentane		0.7778	0.2222	0.7818	0.5574	0.6874
cylinder-bands		0.6481	0.3519	0.6350	0.2682	0.8851
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8087	0.1913	0.6727	0.2822	0.6315
defect		0.8920	0.1080	0.7733	0.4718	0.3788
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8976	0.1024	0.7013	0.3681	0.5745
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.4375	0.3750	0.3447	0.1000	0.4430
DIA		0.8000	0.2000	0.7183	0.2727	0.3632
diabetes		0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.6078	0.2614	0.3923	0.2114	0.4378
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9667	0.0167	0.9499	0.9537	0.0357
diamonds_all		0.6429	0.1428	0.5627	0.4730	0.3806
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.6250	0.3750	0.5966	0.1692	0.8621
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5350	0.4650	0.5264	0.0493	0.9598
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7743	0.1505	0.6831	0.6114	0.4083
drug-01		0.4202	0.1657	0.1645	0.0940	0.4793
drug-02		0.5266	0.1353	0.2123	0.1684	0.5613
drug-03		0.6915	0.0881	0.1839	0.1053	0.3215
drug-04		0.5319	0.1337	0.2321	0.1532	0.6165
drug-05		0.7287	0.0775	0.1204	-0.0081	0.2227
drug-06		0.4309	0.1626	0.2503	0.2726	0.5025
drug-07		0.4681	0.1520	0.1464	0.1106	0.4230
drug-08		0.5851	0.1185	0.2252	0.1764	0.3728
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5479	0.1292	0.1867	0.1287	0.4296
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5957	0.1155	0.1654	0.2093	0.4129
drug-14		0.5904	0.1170	0.2448	0.2591	0.4644
drug-15		0.7553	0.0699	0.1537	0.0370	0.2710
drug-16		0.5904	0.1170	0.2559	0.3077	0.4498

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-17		0.3617	0.1824	0.2143	0.1235	0.5775
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9236	0.0218	0.9383	0.9076	0.1214
ecoli		0.8824	0.0392	0.7287	0.8369	0.1242
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2622	0.0139	0.8339
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5995	0.4005	0.5871	0.1655	0.9132
eeg10%		0.4095	0.0738	0.3921	0.3420	0.5208
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5342	0.1863	0.4837	0.3890	0.5001
euthyroid		0.9177	0.0823	0.7231	0.2575	0.1971
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.4950	0.5050	0.4944	-0.0111	1.0000
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.4350	0.0665	0.1883	0.3275	0.3778
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8235	0.1765	0.8250	0.6366	0.5710
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9423	0.0288	0.9319	0.9203	0.0754
gas		0.9827	0.0058	0.9827	0.9791	0.0409
gastrointestinal		0.7500	0.1667	0.7389	0.5949	0.4706
gender		0.5853	0.2765	0.3539	0.0715	0.5027
gene		0.8991	0.0673	0.8857	0.8373	0.2727
german		0.6300	0.3700	0.5090	0.0107	0.8287
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
glass		0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.8929	0.1071	0.8949	0.7840	0.4385
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.4667	0.2667	0.4921	0.2771	0.4515
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.7762	0.0895	0.7713	0.7158	0.3555
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7907	0.0598	0.4611	0.6753	0.2081
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.6471	0.3529	0.6550	0.3014	0.8522
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.9032	0.0968	0.9038	0.8058	0.4189
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.8540	0.1460	0.8254	0.6458	0.5641
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.2308	0.7692	0.1875	0.0000	0.4238
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6527	0.3473	0.6499	0.2980	0.8749
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1765	0.1304	0.2876
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8381	0.1619	0.6512	0.0910	0.3714
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6667	0.2222	0.6300	0.4232	0.5823
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.6411	0.2393	0.6452	0.4583	0.5976
htru2		0.9777	0.0223	0.9296	0.8528	0.1553
hypothyroid		0.9363	0.0318	0.5519	0.4803	0.2148
hypothyroidT		0.9337	0.0663	0.7163	0.2280	0.1682
ilpd		0.6610	0.3390	0.4990	-0.0017	0.8940
immuno-therapy		0.2222	0.7778	0.1818	0.0000	0.4150
instagram		0.9440	0.0280	0.9457	0.9253	0.1054
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8099	0.1901	0.6102	0.1476	0.6389
jvowels		0.9789	0.0047	0.9784	0.9761	0.0340
kc1		0.8720	0.1280	0.7092	0.3454	0.5134
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6154	0.1538	0.1524	-0.0833	0.3861
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.8159	0.1227	0.7538	0.6929	0.2717
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.4881	0.0569	0.4249	0.4243	0.4332
krvskp		0.9342	0.0658	0.9341	0.8681	0.3247
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.7647	0.0205	0.7450	0.7527	0.0537
led24		0.6500	0.0778	0.6905	0.6000	0.1946
lenses		0.3333	0.4444	0.1667	0.0000	0.4167

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
letter		0.8820	0.0091	0.8835	0.8772	0.1272
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.9167	0.0111	0.9277	0.9106	0.0365
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7353	0.2647	0.7051	0.4093	0.7890
loan		0.9274	0.0726	0.9224	0.8430	0.3355
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8868	0.0323	0.6505	0.8434	0.0694
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9255	0.0745	0.9231	0.8460	0.3552
madelon		0.6000	0.4000	0.6000	0.2000	0.9287
magic04		0.7849	0.2152	0.7561	0.5051	0.6979
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8021	0.1979	0.8016	0.6031	0.6609
marketing		0.8661	0.1339	0.6638	0.2376	0.5320
maternal		0.6832	0.2112	0.7001	0.5138	0.4838
math		0.7500	0.1250	0.7161	0.6067	0.3567
mba		0.8339	0.1108	0.3403	0.0045	0.2660
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2300	0.3080	0.2306	0.0369	0.8591
messidor		0.6783	0.3217	0.6752	0.3499	0.8475
meter-A		0.3750	0.6250	0.2727	0.0000	0.5170
meter-B		0.2222	0.5185	0.1212	0.0000	0.4199
meter-C		0.9444	0.0278	0.9330	0.9241	0.0699
meter-D		0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac		0.9850	0.0030	0.9856	0.9833	0.0163
mfeat-fou		0.8050	0.0390	0.8021	0.7833	0.1742
mfeat-kar		0.9750	0.0050	0.9760	0.9722	0.0312
mfeat-mor		0.7150	0.0570	0.7200	0.6833	0.1867
mfeat-pix		0.9800	0.0040	0.9811	0.9778	0.0225
mfeat-zer		0.8550	0.0290	0.8568	0.8389	0.0697
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9528	0.0314	0.9503	0.9282	0.0935
mines		0.5294	0.1882	0.5220	0.4119	0.4110
mobile		0.8462	0.0055	0.8454	0.8433	0.0692
monks-1		0.8727	0.1273	0.8849	0.7442	0.3522
monks-2		0.8197	0.1803	0.7982	0.5960	0.6483
monks-3		0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4861	0.0934	0.4816	0.3756	0.5316
musk		0.9076	0.0924	0.8037	0.5464	0.3282
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ESTATE		0.7146	0.2854	0.7084	0.4165	0.8047
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.7086	0.2914	0.7008	0.4016	0.8143
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.6838	0.3162	0.6765	0.3528	0.8439
MUT_ci300400a_rdkit_descriptors		0.6955	0.3045	0.6859	0.3709	0.8308
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.7770	0.2230	0.7966	0.5544	0.5782
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8712	0.0136	0.2573	0.6204	0.2073
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6322	0.3678	0.6288	0.2560	0.8970
NHANES_age_prediction		0.9824	0.0176	0.9666	0.9309	0.0683
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5139	0.3241	0.3309	0.0183	0.5343
nursery		0.9383	0.0309	0.8265	0.9086	0.0975
obesity		0.7346	0.0758	0.7307	0.6901	0.3147
obs		0.9167	0.0417	0.9399	0.8748	0.1245
occupancy		0.9849	0.0151	0.9791	0.9580	0.1487
Occupancy_Estimation		0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc		0.6832	0.0634	0.6408	0.6279	0.2264
oh10-wc		0.6476	0.0705	0.6230	0.5963	0.3000
oh15-wc		0.5978	0.0804	0.5807	0.5305	0.2918
oh5-wc		0.7473	0.0505	0.7083	0.7125	0.2228
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9644	0.0071	0.9661	0.9604	0.0510
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8351	0.1649	0.8113	0.6066	0.5623
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8695	0.7315	0.4955
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9708	0.0117	0.8650	0.8245	0.1588
parkinson		0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons		0.8152	0.1848	0.8077	0.6140	0.6445
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.8669	0.1331	0.8302	0.6576	0.5549
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9189	0.0811	0.5907	0.1483	0.6102
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.7716	0.5102	0.5563
pediatric-leukemia		0.5000	0.1429	0.5430	0.3967	0.3206
pendigits		0.9809	0.0038	0.9809	0.9788	0.0323

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.8047	0.1953	0.7880	0.5726	0.6605
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.8950	0.1050	0.8793	0.7521	0.4265
phishing		0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%		0.9992	0.0008	0.9991	0.9983	0.0099
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%		0.6118	0.1109	0.5738	0.5448	0.3736
phone-acc1%		0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.5836	0.1190	0.5621	0.5118	0.3879
phone-gyr1%		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.8407	0.1593	0.8003	0.5999	0.6269
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.6974	0.3026	0.6719	0.3150	0.7801
pirvision		0.9340	0.0440	0.8295	0.7564	0.1254
placement		0.8000	0.2000	0.7939	0.5876	0.6697
plant-growth		0.5789	0.4211	0.5748	0.1461	0.9386
plrx		0.7222	0.2778	0.5916	0.1509	0.7953
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.5122	0.1394	0.1477	0.0459	0.2924
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9306	0.0694	0.6045	0.0775	0.3665
polya		0.7741	0.2259	0.7462	0.4853	0.7162
popularity		0.6462	0.2359	0.3865	0.0945	0.4137
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
postures		0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc		0.6618	0.3382	0.6624	0.3235	0.8639
prestige		0.3333	0.4444	0.1667	0.0000	0.4024
primary-tumor		0.4242	0.0886	0.3073	0.3509	0.2664
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.8209	0.1791	0.8024	0.5282	0.3632
promoters		0.7000	0.3000	0.6784	0.3478	0.8165
prostate		0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE		1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio		0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%		0.9354	0.0258	0.9145	0.9129	0.1087
pufs-128		0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%		0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%		0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64		0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%		0.4950	0.5050	0.4950	-0.0100	1.0000
pufs-6410%		0.5002	0.4998	0.3334	0.0000	0.5283
pulsar		0.9792	0.0208	0.9356	0.8672	0.1717
raisin		0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%		0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc		0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc		0.7410	0.0207	0.4864	0.6976	0.1604
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		0.9930	0.0070	0.9929	0.9858	0.0469
rice		0.9857	0.0143	0.9856	0.9711	0.0925

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6357	0.3643	0.6101	0.2140	0.8949
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8647	0.0451	0.8421	0.8326	0.2138
satimageF			0.9907	0.0093	0.9757	0.9513	0.1170
satimageT			0.9347	0.0653	0.7921	0.5401	0.3749
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.5294	0.4706	0.5336	0.0588	0.9318
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9134	0.0247	0.9216	0.8988	0.0919
segmentation			0.8119	0.1881	0.7917	0.5822	0.6578
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-8-gram			0.8737	0.1263	0.6404	0.0934	0.3668
sens-9-gram			0.8737	0.1263	0.6687	0.0675	0.2632
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.5972	0.4028	0.5267	0.0319	0.4925
shoppers			0.8832	0.1168	0.7371	0.4097	0.4816
shuttle			0.9745	0.0073	0.6618	0.9251	0.0291
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.5000	0.5000	0.3333	0.0000	0.5283
skin			0.9950	0.0050	0.9925	0.9849	0.0671
skin10%			0.9931	0.0069	0.9895	0.9790	0.0848
smarket			0.9760	0.0240	0.9760	0.9520	0.1504
smart-farming			0.2000	0.4000	0.1933	-0.0695	0.8123
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2033	0.3187	0.2065	0.0026	0.8654
solar-flare			0.7266	0.0911	0.6729	0.6498	0.2524
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection			0.9530	0.0470	0.8523	0.7027	0.4346
spambase			0.8978	0.1022	0.8929	0.7820	0.4197
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.7714	0.2286	0.6898	0.3171	0.6470
spectrometer			0.5385	0.0342	0.4635	0.5106	0.1608
splice-EI			0.9022	0.0978	0.8656	0.7261	0.4486
splice-IE			0.8013	0.1987	0.6847	0.3295	0.6744
sport-articles			0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7942	0.1372	0.7509	0.6654	0.3965
steel-b			0.8154	0.1846	0.6892	0.3645	0.7114
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-o			0.7641	0.2359	0.7285	0.4426	0.7216
steel-p			0.9231	0.0769	0.6576	0.1895	0.4020
steel-s			0.9846	0.0154	0.8934	0.7617	0.0555
steel-z			0.9641	0.0359	0.8957	0.7910	0.3671
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8750	0.1250	0.7609	0.4849	0.5251
stockb			0.9824	0.0117	0.9826	0.9736	0.0527
streaming			0.8640	0.1360	0.8628	0.7255	0.5300
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6100	0.1560	0.3308	0.3580	0.4255
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3600	0.2560	0.1651	-0.0185	0.4725
student-weekend			0.4000	0.2400	0.2716	0.1658	0.6504
student-workday			0.6875	0.1250	0.1645	0.0070	0.3263
studentap			0.6154	0.2564	0.6420	0.3868	0.4512
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7642	0.2358	0.7653	0.5158	0.6882
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.4000	0.4000	0.4727	0.1000	0.6236
telco-churn			0.8920	0.1080	0.8560	0.7008	0.4436
texture			0.9945	0.0010	0.9947	0.9940	0.0086
theorem			0.9935	0.0065	0.9933	0.9865	0.0509
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe			0.9684	0.0316	0.9666	0.9309	0.2006
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.7364	0.2636	0.7103	0.4184	0.7820
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8235	0.0882	0.8709	0.7671	0.1047
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.7059	0.2941	0.6670	0.3307	0.8305
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc			0.7073	0.0650	0.5766	0.6273	0.2091
trec12-wc			0.3548	0.1613	0.2016	0.1530	0.4027
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.6190	0.1270	0.3482	0.3978	0.3267
trec31-wc			0.4086	0.1971	0.1549	0.0804	0.4048
trec41-wc			0.7955	0.0409	0.6639	0.7408	0.1664
trec45-wc			0.6087	0.0783	0.6126	0.5260	0.2899
tuandromd			0.9686	0.0314	0.9559	0.9079	0.2737
turkish			0.8750	0.0625	0.8764	0.8333	0.1618
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9000	0.1000	0.8921	0.7786	0.4044
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7910	0.0464	0.7986	0.7535	0.1554
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.8095	0.0952	0.7778	0.7428	0.1781
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.4949	0.0918	0.5401	0.4444	0.2725
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.6543	0.0988	0.6438	0.5944	0.3948
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.4722	0.1508	0.4613	0.3826	0.5273
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2100	0.3950	0.2107	-0.0532	0.8864
waveform			0.8440	0.1040	0.8445	0.7661	0.3577
weather-related			0.9577	0.0077	0.9612	0.9520	0.0581
web-phishing			0.8444	0.1037	0.7232	0.7196	0.4414
Weekly			0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9834	0.0166	0.9055	0.7917	0.0592
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6164	0.1279	0.3116	0.3695	0.3963
winequality-white			0.5481	0.1291	0.2666	0.2766	0.4029
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5338	0.1036	0.3693	0.3978	0.4130
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053
zip			0.0763	0.1847	0.0142	0.0000	0.4069

Table 109: Detailed results for LSTSVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1205	0.0838	0.1107	0.0546	0.7358
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8333	0.1667	0.4977	-0.0046	0.7062
AID_1431_KlekotaRothFingerprinter		0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1431_MACCSFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878		0.6762	0.3238	0.5489	0.0934	0.7940
AID_602330		0.8802	0.1198	0.5142	0.0247	0.5228
AID_652128		0.7273	0.1818	0.2840	-0.0360	0.6005
AID1284Morered		0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red		0.6944	0.3056	0.4891	-0.0206	0.7441
AID1608Morered		0.8641	0.1359	0.5267	0.0526	0.6574
AID1608red		0.8544	0.1456	0.4607	-0.0752	0.5990
AID362red		0.9766	0.0234	0.5774	0.1548	0.5701
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		0.5714	0.4286	0.6818	0.2222	0.4422
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.7174	0.4318	0.7663
AID644red		0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.8889	0.1111	0.8333	0.6087	0.2605
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7700	0.2300	0.7027	0.4038	0.7617
air_pollution		0.1500	0.2429	0.1093	-0.0299	0.9179
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8762	0.0495	0.6799	0.7375	0.3832
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7674	0.2326	0.7456	0.4912	0.7408
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9917	0.0042	0.9597	0.9841	0.0520
anuran-genus		0.9889	0.0028	0.9616	0.9818	0.0922
anuran-species		0.9847	0.0031	0.9812	0.9788	0.0410
anxiety		0.1250	0.1944	0.1269	0.0157	0.7937
apple-quality		0.8950	0.1050	0.8957	0.7900	0.4391
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7500	0.2500	0.7354	0.4681	0.7547
arrhythmia		0.6000	0.0615	0.3054	0.4096	0.3759
auction		0.9461	0.0539	0.8692	0.7261	0.3319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.8182	0.0331	0.7317	0.7859	0.0834
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.8276	0.1724	0.8505	0.6588	0.4125
autos		0.9500	0.0167	0.7933	0.9340	0.0386
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3710	0.1797	0.1759	0.1133	0.7456
balance		0.8226	0.1183	0.5962	0.6894	0.4036
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6498	0.3502	0.6197	0.2395	0.8894
basehock		0.9196	0.0804	0.9197	0.8392	0.3718
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8381	0.1619	0.8407	0.6710	0.5680
biomed		0.8095	0.1905	0.8108	0.5532	0.3876
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.5714	0.4286	0.5458	0.0870	0.8810
breast-cancer-co		0.8182	0.1818	0.8451	0.6452	0.4308
breast-cancer-ma		0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue		0.8182	0.0606	0.8889	0.7800	0.1144
bridges		0.7000	0.0857	0.5046	0.5775	0.0804
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9710	0.0290	0.9681	0.9361	0.1885
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9943	0.0029	0.9958	0.9877	0.0284
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.7826	0.2174	0.7749	0.5474	0.6962
cardiotocography		0.7559	0.0488	0.7325	0.7132	0.3320
cardiotocography-nsp		0.8873	0.0751	0.7858	0.6983	0.3716
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0104
cars		0.6500	0.2333	0.5643	0.3860	0.6120
cas_N6512_cdk_ECFP2		0.7634	0.2366	0.7614	0.5223	0.7289
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.7316	0.2684	0.7291	0.4555	0.7731
cas_N6512_rdkit_AVALON		0.7803	0.2197	0.7790	0.5581	0.7013
cas_N6512_RDkit_Avalon_FP		0.8006	0.1994	0.8001	0.5998	0.6637
cas_N6512_rdkit_descriptors		0.7615	0.2385	0.7595	0.5178	0.7304
cas_N6512_rdkit_FEATMORGAN		0.7803	0.2197	0.7799	0.5594	0.6998
cas_N6512_RDkit_Featmorgan_FP		0.7945	0.2055	0.7931	0.5861	0.6759
cas_N6512_RDkit_FP		0.7515	0.2485	0.7498	0.4997	0.7489
cas_N6512_rdkit_LAYERED		0.7677	0.2323	0.7662	0.5323	0.7228
cas_N6512_RDkit_Layered_FP		0.7408	0.2592	0.7385	0.4762	0.7638
cas_N6512_rdkit_MACCS		0.7911	0.2089	0.7894	0.5771	0.6775
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.7892	0.2108	0.7878	0.5754	0.6854
cas_N6512_RDkit_morgan_FP		0.7975	0.2025	0.7961	0.5921	0.6701

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7708	0.2292	0.7703	0.5402	0.7161
cas_N6512_RDkit_pattern_FP		0.7699	0.2301	0.7688	0.5376	0.7188
cas_N6512_rdkit_RDKITFP		0.7604	0.2396	0.7588	0.5176	0.7348
cas_N6512_rdkit_TORSION		0.7800	0.2200	0.7794	0.5585	0.7007
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.0183	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7668	0.2332	0.7512	0.5008	0.7347
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9302	0.0698	0.6139	0.2158	0.6307
cervical-H		0.9419	0.0581	0.7728	0.5169	0.5762
cervical-S		0.9302	0.0698	0.7711	0.5343	0.5353
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8577	0.1423	0.7507	0.4940	0.6625
ci900367j_MACCS		0.6737	0.3263	0.6635	0.3250	0.8491
circles		0.7230	0.0055	0.7039	0.7202	0.0754
cirrhosis		0.6190	0.2540	0.4235	0.2805	0.7074
cjs		0.9929	0.0024	0.9911	0.9913	0.0136
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.0380	0.4810	0.0183	0.0000	0.3927
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.6933	0.4667	0.4938
cm1		0.8000	0.2000	0.5974	0.1803	0.6689
cmc		0.4694	0.3537	0.4581	0.1896	0.7702
cnae-9		0.9444	0.0123	0.9447	0.9375	0.0605
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.8831	0.1169	0.8606	0.7179	0.5302
collins		0.5200	0.0640	0.4826	0.4723	0.2282
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.7586	0.2414	0.7398	0.4781	0.7496
colposcopies-2		0.5172	0.4828	0.4682	-0.0628	0.9943
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.7586	0.2414	0.6866	0.3715	0.7831
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c		0.6552	0.3448	0.5292	0.0584	0.8870
column-2c		0.8387	0.1613	0.8092	0.5995	0.5508
column-3c		0.7419	0.1720	0.7479	0.6038	0.4741
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.6538	0.3462	0.6539	0.3077	0.8759
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.6667	0.3333	0.6750	0.3415	0.8344
cultivars		0.4688	0.0266	0.3268	0.4527	0.0859
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1667	0.2778	0.1663	-0.0002	0.8846
cyclopentane		0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands		0.7963	0.2037	0.7970	0.5903	0.6643
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8796	0.1204	0.7586	0.5115	0.6127
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8042	0.1958	0.5850	0.1592	0.7761
dermatology		0.9459	0.0180	0.9409	0.9326	0.0579
desharnais		0.5000	0.3333	0.4346	0.0857	0.4283
dexter		0.4833	0.5167	0.3258	-0.0333	0.6886
df_final		0.6250	0.2500	0.4805	0.4000	0.4520
DIA		0.8333	0.1667	0.7778	0.5556	0.6625
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.4818	0.2173	0.7034
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9000	0.0500	0.8704	0.8596	0.1186
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9391	0.0609	0.7972	0.5584	0.3855
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5214	0.4786	0.5179	0.0357	0.9877
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.6185	0.2543	0.5479	0.3724	0.6680
drug-01		0.1755	0.2356	0.1446	-0.0022	0.8776
drug-02		0.2713	0.2082	0.1973	0.0763	0.8431
drug-03		0.3298	0.1915	0.1623	0.0417	0.7108
drug-04		0.3032	0.1991	0.2155	0.1180	0.7926
drug-05		0.3298	0.1915	0.1279	0.0127	0.7230
drug-06		0.2926	0.2021	0.2564	0.1603	0.6966
drug-07		0.1543	0.2416	0.0785	-0.0583	0.9137
drug-08		0.3032	0.1991	0.2148	0.1145	0.8071
drug-09		0.5851	0.1185	0.1693	0.0944	0.6539
drug-10		0.3085	0.1976	0.1495	0.0754	0.8097
drug-11		0.6011	0.1140	0.2134	0.0950	0.7385
drug-12		0.3936	0.1733	0.1416	0.0117	0.7260
drug-13		0.3457	0.1869	0.1443	0.0977	0.8018
drug-14		0.2926	0.2021	0.1932	0.0805	0.8014
drug-15		0.4787	0.1489	0.2130	0.1511	0.7994
drug-16		0.3989	0.1717	0.2645	0.2067	0.7796

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-17		0.1596	0.2401	0.1425	0.0084	0.8646
drug-18		0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19		0.4202	0.1657	0.1529	0.0782	0.7334
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.7059	0.0980	0.5342	0.5904	0.2241
ecoliCP-IM		0.9091	0.0909	0.9018	0.8036	0.4217
ecoliM		0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU		0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM		0.9091	0.0909	0.4762	-0.0421	0.6863
ecommerce		0.1700	0.4150	0.1703	-0.1059	0.9123
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.8959	0.1041	0.8946	0.7889	0.4431
eeg10%		0.3249	0.0844	0.3343	0.2688	0.7237
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4795	0.2082	0.4599	0.3364	0.5276
euthyroid		0.9715	0.0285	0.9153	0.8266	0.2470
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.4975	0.5025	0.4979	-0.0042	0.9999
farm-ads		0.8865	0.1135	0.8859	0.7714	0.4678
fbis-wc		0.6992	0.0354	0.6622	0.6649	0.3533
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.7647	0.2353	0.7624	0.5248	0.7286
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.7692	0.1154	0.7388	0.6832	0.3010
gas		0.9928	0.0024	0.9933	0.9913	0.0178
gastrointestinal		0.8125	0.1250	0.7955	0.7019	0.3546
gender		0.5832	0.2779	0.4366	0.1671	0.7262
gene		0.9243	0.0505	0.9190	0.8792	0.2258
german		0.5700	0.4300	0.4976	-0.0047	0.9661
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9568	0.0432	0.9568	0.9135	0.2373
gisette		0.9643	0.0357	0.9644	0.9286	0.2035
glass		0.7143	0.0952	0.8347	0.6337	0.2502
glass-g2		0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8333	0.1667	0.8276	0.6543	0.6006
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.6000	0.2000	0.5892	0.4675	0.3938
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8522	0.0422	0.5998	0.7907	0.2966
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hayes-roth		0.7500	0.1667	0.8075	0.6213	0.2879
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.5800	0.2100	0.2668	0.0437	0.6639
heart		0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack		0.7097	0.2903	0.7275	0.4318	0.7406
heart-c		0.8000	0.2000	0.7991	0.5982	0.6654
heart-failure		0.9640	0.0360	0.9580	0.9153	0.2045
heart-quantum		0.6800	0.3200	0.7083	0.3846	0.7488
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs		0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%		0.6282	0.3718	0.6265	0.2529	0.9031
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1389	0.0723	0.3271
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.7500	0.2500	0.7490	0.4980	0.7508
hiv1-proteasa		0.9056	0.0944	0.8246	0.6464	0.5227
hiva		0.9598	0.0402	0.5663	0.0917	0.5201
horse		0.5278	0.3148	0.5800	0.3014	0.5602
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.7439	0.2561	0.5059	0.0117	0.7709
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9793	0.0207	0.9355	0.8690	0.2074
hypothyroid		0.9761	0.0119	0.6600	0.8519	0.0841
hypothyroidT		0.9814	0.0186	0.9337	0.8672	0.2663
ilpd		0.6780	0.3220	0.5866	0.1715	0.8815
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.2619	0.0568	0.1205	0.2323	0.3379
jm1		0.8007	0.1993	0.6159	0.2065	0.7447
jvowels		0.9970	0.0007	0.9965	0.9966	0.0056
kc1		0.8531	0.1469	0.6840	0.3558	0.6833
kc1-class-level-defectiveornot		0.6667	0.3333	0.6822	0.1935	0.4786
kc1-class-level-numericdefect		0.6154	0.1538	0.1778	0.2262	0.2961
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.5858	0.1675	0.8277
kdc-4007		0.8479	0.0435	0.8496	0.8224	0.2410
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.8349	0.0550	0.8027	0.7934	0.2933
la2s-wc		0.7252	0.0916	0.7259	0.6613	0.4026
labor		0.6667	0.3333	0.7500	0.4000	0.5283
leaf		0.6765	0.0281	0.6315	0.6606	0.0867
led24		0.6500	0.0700	0.6294	0.6045	0.1506

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.9444	0.0074	0.9556	0.9404	0.0242
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.5588	0.4412	0.5301	0.0590	0.9271
loan		0.8923	0.1077	0.8845	0.7684	0.4610
lrs		0.8679	0.0377	0.7145	0.8190	0.1411
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.5556	0.4444	0.5500	0.1000	0.9644
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8723	0.1277	0.8699	0.7390	0.5128
madelon		0.5654	0.4346	0.5663	0.1308	0.9507
magic04		0.8611	0.1389	0.8448	0.6847	0.5314
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8021	0.1979	0.8011	0.6021	0.6610
marketing		0.8839	0.1161	0.7748	0.5493	0.6269
maternal		0.7921	0.1386	0.7943	0.6847	0.4212
math		0.7000	0.1500	0.6958	0.5616	0.3992
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2300	0.3080	0.2305	0.0377	0.8537
messidor		0.6696	0.3304	0.6624	0.3246	0.8615
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.6573	0.6856	0.2370
meter-D		1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac		0.9900	0.0020	0.9905	0.9889	0.0100
mfeat-fou		0.8600	0.0280	0.8599	0.8444	0.0996
mfeat-kar		0.9850	0.0030	0.9860	0.9833	0.0186
mfeat-mor		0.7300	0.0540	0.7365	0.7000	0.1874
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.8250	0.0350	0.8260	0.8056	0.0922
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6176	0.1529	0.6358	0.5232	0.3342
mobile		0.8392	0.0057	0.8383	0.8362	0.0700
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9180	0.0820	0.9145	0.8244	0.3918
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		1.0000	0.0000	1.0000	1.0000	0.0000
MUT_ci300400a_cdk_ECFP2		0.8249	0.1751	0.8200	0.6400	0.6217
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.8036	0.1964	0.7972	0.5940	0.6629
MUT_ci300400a_cdk_ESTATE		0.4880	0.5120	0.4931	-0.0135	0.9824

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_EXTENDED		0.8321	0.1679	0.8268	0.6534	0.6055
MUT_ci300400a_cdk_FCFP2		0.8252	0.1749	0.8194	0.6386	0.6201
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.8225	0.1775	0.8180	0.6360	0.6265
MUT_ci300400a_cdk_MACCS		0.8417	0.1583	0.8370	0.6740	0.5854
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.8033	0.1967	0.7974	0.5923	0.6557
myocardial		0.8471	0.0382	0.3400	0.4678	0.6212
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.8571	0.0952	0.7471	0.6379	0.1889
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.0105	0.0450	0.0005	0.0000	0.4162
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9648	0.0352	0.9327	0.8649	0.2763
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.3056	0.4630	0.2277	-0.1201	0.8746
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.8815	0.0339	0.8797	0.8616	0.1489
obs		0.9722	0.0139	0.9800	0.9587	0.0607
occupancy		0.9903	0.0097	0.9866	0.9729	0.1138
Occupancy_Estimation		0.9901	0.0049	0.9719	0.9695	0.0206
oh0-wc		0.8515	0.0297	0.8353	0.8306	0.1520
oh10-wc		0.6571	0.0686	0.6413	0.6128	0.3317
oh15-wc		0.6413	0.0717	0.6107	0.5964	0.3502
oh5-wc		0.8242	0.0352	0.8228	0.8023	0.1770
olive		0.9298	0.0156	0.9363	0.9113	0.0432
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9875	0.0025	0.9879	0.9862	0.0202
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9526	0.0474	0.6144	0.2259	0.6120
ozone8hr		0.8458	0.1542	0.5051	0.0100	0.6697
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8247	0.1753	0.8034	0.6067	0.6400
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8579	0.7143	0.5399
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9671	0.0132	0.7624	0.8148	0.2140
parkinson		0.9333	0.0667	0.9310	0.8620	0.3334
parkinsons		0.7678	0.2322	0.7567	0.5127	0.7309
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.5000	0.3333	0.5000	0.2000	0.3750
pc1		0.9009	0.0991	0.6073	0.2138	0.6764
pcmac		0.4742	0.5258	0.4739	-0.0515	0.9965
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia		0.4706	0.1513	0.5196	0.3658	0.3225
pendigits		0.9927	0.0015	0.9927	0.9919	0.0143
period		0.7778	0.2222	0.7500	0.5000	0.7296

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
period-10f			0.4444	0.5556	0.4208	-0.1538	0.9711
persistency			0.7464	0.2536	0.7239	0.4450	0.7662
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.8150	0.1850	0.7916	0.5832	0.6633
phishing			0.9837	0.0163	0.9829	0.9656	0.1063
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1371	0.2465	0.0345	0.0000	0.4035
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8889	0.1111	0.8638	0.7275	0.5113
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6579	0.3421	0.6381	0.2757	0.8794
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.4737	0.5263	0.4775	-0.0440	1.0000
plrx			0.7222	0.2778	0.6328	0.2623	0.8344
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.3551	0.1843	0.2273	0.0559	0.9081
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd			0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd			0.9343	0.0657	0.5000	0.0000	0.6446
polish-4th			0.9204	0.0796	0.5278	0.0533	0.6654
polish-5th			0.9306	0.0694	0.6837	0.3532	0.5925
polya			0.7859	0.2141	0.7640	0.5273	0.7081
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.4444	0.3704	0.3763	0.1667	0.3614
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6618	0.3382	0.6635	0.3235	0.8580
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.3333	0.1026	0.3721	0.2740	0.3386
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7910	0.2090	0.7760	0.5473	0.6914
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc			0.6133	0.0595	0.6119	0.5382	0.5403
re1-wc			0.5723	0.0342	0.5776	0.5375	0.4293
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9718	0.0282	0.9723	0.9430	0.1343
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6633	0.3367	0.6507	0.3013	0.8706
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8989	0.0337	0.8834	0.8754	0.1689
satimageF			0.9891	0.0109	0.9718	0.9435	0.1479
satimageT			0.9362	0.0638	0.8210	0.6418	0.5186

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
scadi			0.8571	0.0571	0.7467	0.8056	0.0503
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.6005	0.1765	0.8657
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9437	0.0161	0.9484	0.9342	0.0767
segmentation			0.7871	0.2129	0.7719	0.5431	0.7034
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9225	0.0775	0.6486	0.2930	0.6404
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.7605	0.2395	0.5210	0.0416	0.7633
sens-2-gram			0.7737	0.2263	0.6169	0.2212	0.7144
sens-3-gram			0.8132	0.1868	0.5806	0.1611	0.7625
sens-4-gram			0.7921	0.2079	0.5980	0.1930	0.7426
sens-5-gram			0.8316	0.1684	0.5762	0.1473	0.7577
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6			0.6000	0.4000	0.6000	0.2000	0.9288
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.4673	0.5327	0.4693	-0.0479	0.7649
smarket			0.7200	0.2800	0.7205	0.4382	0.7874
smart-farming			0.1600	0.4200	0.1547	-0.1194	0.8800
smk_can_187			0.7368	0.2632	0.7360	0.4693	0.7643
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.2074	0.0089	0.8718
solar-flare			0.6978	0.1007	0.5656	0.6193	0.2729
sonar			0.7000	0.3000	0.7185	0.4000	0.7215
soybean			0.9412	0.0062	0.9491	0.9357	0.0445
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8978	0.1022	0.8931	0.7861	0.4477
spect			0.6667	0.3333	0.5950	0.1818	0.8134
spectf			0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer			0.5769	0.0313	0.5350	0.5536	0.1301
splice-EI			0.9779	0.0221	0.9709	0.9417	0.1787
splice-IE			0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles			0.7300	0.2700	0.6975	0.3680	0.7445
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8256	0.1744	0.7470	0.4931	0.6955
steel-d			0.9949	0.0051	0.9553	0.9065	0.0226
steel-k			0.9795	0.0205	0.9682	0.9359	0.1450
steel-o			0.8256	0.1744	0.8048	0.6081	0.6309
steel-p			0.8974	0.1026	0.6395	0.2780	0.6749
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9333	0.0667	0.8336	0.6608	0.5465
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8889	0.1111	0.8068	0.6129	0.5758
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8740	0.1260	0.8724	0.7445	0.5028
stress			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.1900	0.3240	0.1488	-0.0980	0.8942
student-weekend			0.3077	0.2769	0.2530	0.1082	0.7308
student-workday			0.5781	0.1688	0.2167	0.1343	0.7066
studentap			0.3846	0.4103	0.3963	0.0714	0.7496
susy			0.4580	0.5420	0.3141	0.0000	0.5307
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.7333	0.1778	0.7690	0.6000	0.3417
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9964	0.0007	0.9964	0.9960	0.0056
theorem			0.9967	0.0033	0.9966	0.9933	0.0238
thoracic			0.7660	0.2340	0.5644	0.1282	0.7808
thrombin			0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7985	0.2015	0.6905	0.3268	0.6422
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.4118	0.5882	0.3561	-0.2879	1.0000
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc			0.8780	0.0271	0.8760	0.8524	0.1019
trec12-wc			0.8065	0.0484	0.8128	0.7672	0.1630
trec21-wc			0.8485	0.0606	0.7275	0.7273	0.2319
trec23-wc			0.8095	0.0635	0.8676	0.7333	0.1777
trec31-wc			0.8925	0.0358	0.8525	0.8592	0.2093
trec41-wc			0.8182	0.0364	0.7771	0.7809	0.2010
trec45-wc			0.7101	0.0580	0.6581	0.6671	0.2707
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.8500	0.0750	0.8521	0.8000	0.1546
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8615	0.1385	0.8621	0.7151	0.5225
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9633	0.0367	0.7151	0.4300	0.5783
ur3_cobotops_stop			0.9646	0.0354	0.7411	0.4817	0.5540
urban			0.8209	0.0398	0.8364	0.7915	0.1734
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7143	0.1429	0.7001	0.6199	0.2726
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.6566	0.0624	0.6835	0.6222	0.1960
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.8013	0.0199	0.7067	0.7799	0.1689
warpar10p			0.8462	0.0308	0.7467	0.8267	0.0390
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2800	0.3600	0.2779	0.0394	0.8437
waveform			0.8020	0.1320	0.8023	0.7030	0.4275
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8370	0.1086	0.8086	0.7151	0.4228
Weekly			0.8889	0.1111	0.8882	0.7759	0.4652
weight-lift			0.1745	0.3302	0.0594	0.0000	0.4014
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9850	0.0075	0.9852	0.9800	0.0340
wilt			0.9814	0.0186	0.9174	0.8267	0.4154
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5346	0.1551	0.4452	0.3490	0.7327
winequality-white			0.5542	0.1274	0.3363	0.3884	0.7838
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.8947	0.1053	0.8871	0.7645	0.3964
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.4797	0.1041	0.3530	0.3550	0.6625
yeastCYT-POX			0.9184	0.0816	0.6619	0.2950	0.5709
yeastEXC			0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1			0.9459	0.0541	0.7346	0.4056	0.5289
yeastME2			0.9392	0.0608	0.4843	-0.0215	0.6129
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 110: Detailed results for LSTSVM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1831	0.0778	0.1397	0.1047	0.5913
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8333	0.1667	0.4977	-0.0046	0.7062
AID_1431_KlekotaRothFingerprinter		0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1431_MACCSFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878		0.6762	0.3238	0.5489	0.0934	0.7940
AID_602330		0.8802	0.1198	0.5142	0.0247	0.5228
AID_652128		0.8081	0.1279	0.2980	-0.0736	0.6386
AID1284Morered		0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red		0.6944	0.3056	0.4891	-0.0206	0.7441
AID1608Morered		0.8641	0.1359	0.5267	0.0526	0.6574
AID1608red		0.8544	0.1456	0.4607	-0.0752	0.5990
AID362red		0.9766	0.0234	0.5774	0.1548	0.5701
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		0.5714	0.4286	0.6818	0.2222	0.4422
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.7174	0.4318	0.7663
AID644red		0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.8889	0.1111	0.8333	0.6087	0.2605
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7700	0.2300	0.7027	0.4038	0.7617
air_pollution		0.2400	0.2171	0.1208	-0.0154	0.9098
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8762	0.0495	0.6144	0.7137	0.1750
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7674	0.2326	0.7456	0.4912	0.7408
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9930	0.0035	0.9778	0.9868	0.0195
anuran-genus		0.9903	0.0024	0.9749	0.9840	0.0611
anuran-species		0.9861	0.0028	0.9781	0.9806	0.0214
anxiety		0.0833	0.2037	0.0798	-0.0321	0.8250
apple-quality		0.8950	0.1050	0.8957	0.7900	0.4391
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7500	0.2500	0.7354	0.4681	0.7547
arrhythmia		0.6444	0.0547	0.2972	0.3296	0.3430
auction		0.9461	0.0539	0.8692	0.7261	0.3319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.7727	0.0413	0.5863	0.7194	0.1105
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.8276	0.1724	0.8505	0.6588	0.4125
autos		0.9500	0.0167	0.7933	0.9340	0.0386
avila		0.8390	0.0268	0.8599	0.7857	0.2283
babies		0.4032	0.1705	0.1521	0.0962	0.6117
balance		0.9516	0.0323	0.8744	0.9143	0.1596
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6498	0.3502	0.6197	0.2395	0.8894
basehock		0.9196	0.0804	0.9197	0.8392	0.3718
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8381	0.1619	0.8407	0.6710	0.5680
biomed		0.8095	0.1905	0.8108	0.5532	0.3876
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.5714	0.4286	0.5458	0.0870	0.8810
breast-cancer-co		0.8182	0.1818	0.8451	0.6452	0.4308
breast-cancer-ma		0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue		0.7273	0.0909	0.7768	0.6765	0.1559
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9710	0.0290	0.9681	0.9361	0.1885
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9770	0.0115	0.9545	0.9512	0.1286
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.7826	0.2174	0.7749	0.5474	0.6962
cardiotocography		0.8263	0.0347	0.8435	0.7919	0.1910
cardiotocography-nsp		0.8873	0.0751	0.8067	0.7027	0.3741
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9949	0.0034	0.9950	0.9924	0.0209
cars		0.7000	0.2000	0.6010	0.4527	0.4898
cas_N6512_cdk_ECFP2		0.7634	0.2366	0.7614	0.5223	0.7289
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.7316	0.2684	0.7291	0.4555	0.7731
cas_N6512_rdkit_AVALON		0.7803	0.2197	0.7790	0.5581	0.7013
cas_N6512_RDkit_Avalon_FP		0.8006	0.1994	0.8001	0.5998	0.6637
cas_N6512_rdkit_descriptors		0.7615	0.2385	0.7595	0.5178	0.7304
cas_N6512_rdkit_FEATMORGAN		0.7803	0.2197	0.7799	0.5594	0.6998
cas_N6512_RDkit_Featmorgan_FP		0.7945	0.2055	0.7931	0.5861	0.6759
cas_N6512_RDkit_FP		0.7515	0.2485	0.7498	0.4997	0.7489
cas_N6512_rdkit_LAYERED		0.7677	0.2323	0.7662	0.5323	0.7228
cas_N6512_RDkit_Layered_FP		0.7408	0.2592	0.7385	0.4762	0.7638
cas_N6512_rdkit_MACCS		0.7911	0.2089	0.7894	0.5771	0.6775
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.7892	0.2108	0.7878	0.5754	0.6854
cas_N6512_RDkit_morgan_FP		0.7975	0.2025	0.7961	0.5921	0.6701

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7708	0.2292	0.7703	0.5402	0.7161
cas_N6512_RDkit_pattern_FP		0.7699	0.2301	0.7688	0.5376	0.7188
cas_N6512_rdkit_RDKITFP		0.7604	0.2396	0.7588	0.5176	0.7348
cas_N6512_rdkit_TORSION		0.7800	0.2200	0.7794	0.5585	0.7007
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7668	0.2332	0.7512	0.5008	0.7347
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9302	0.0698	0.6139	0.2158	0.6307
cervical-H		0.9419	0.0581	0.7728	0.5169	0.5762
cervical-S		0.9302	0.0698	0.7711	0.5343	0.5353
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8577	0.1423	0.7507	0.4940	0.6625
ci900367j_MACCS		0.6737	0.3263	0.6635	0.3250	0.8491
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.6190	0.4065	0.5163
cjs		0.9893	0.0036	0.9864	0.9869	0.0184
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8250	0.0875	0.7132	0.7313	0.3852
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.8000	0.2000	0.5974	0.1803	0.6689
cmc		0.4694	0.3537	0.4565	0.1865	0.7733
cnae-9		0.8981	0.0226	0.9076	0.8854	0.1047
codon_usage		0.9455	0.0099	0.8595	0.9338	0.1220
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.8831	0.1169	0.8606	0.7179	0.5302
collins		0.8600	0.0187	0.7730	0.8457	0.0624
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.7586	0.2414	0.7398	0.4781	0.7496
colposcopies-2		0.5172	0.4828	0.4682	-0.0628	0.9943
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.7586	0.2414	0.6866	0.3715	0.7831
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c		0.6552	0.3448	0.5292	0.0584	0.8870
column-2c		0.8387	0.1613	0.8092	0.5995	0.5508
column-3c		0.7419	0.1720	0.7169	0.5954	0.5148
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.6538	0.3462	0.6539	0.3077	0.8759
coupon		0.4866	0.5134	0.4923	-0.0150	0.9870
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		0.6667	0.3333	0.6750	0.3415	0.8344
cultivars		0.6250	0.0187	0.4737	0.6141	0.0492
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1933	0.2689	0.1892	0.0311	0.8659
cyclopentane		0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands		0.7963	0.2037	0.7970	0.5903	0.6643
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8796	0.1204	0.7586	0.5115	0.6127
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8042	0.1958	0.5850	0.1592	0.7761
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.4869	0.2258	0.4685
dexter		0.4833	0.5167	0.3258	-0.0333	0.6886
df_final		0.6250	0.2500	0.4805	0.4000	0.4520
DIA		0.8333	0.1667	0.7778	0.5556	0.6625
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%		0.5588	0.2941	0.4873	0.2202	0.7156
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9391	0.0609	0.7972	0.5584	0.3855
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5214	0.4786	0.5179	0.0357	0.9877
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.6343	0.2438	0.5469	0.4053	0.6444
drug-01		0.2287	0.2204	0.1145	-0.0472	0.9213
drug-02		0.3670	0.1809	0.1985	0.1301	0.7716
drug-03		0.5160	0.1383	0.1458	0.0411	0.6752
drug-04		0.4043	0.1702	0.2705	0.1629	0.7750
drug-05		0.5585	0.1261	0.1272	0.0041	0.7804
drug-06		0.2553	0.2128	0.2111	0.1022	0.7519
drug-07		0.2979	0.2006	0.1266	-0.0517	0.6631
drug-08		0.4149	0.1672	0.1806	0.0939	0.7080
drug-09		0.7926	0.0593	0.1542	0.1121	0.4953
drug-10		0.4681	0.1520	0.1863	0.1471	0.6990
drug-11		0.7340	0.0760	0.1912	0.1014	0.7080
drug-12		0.6330	0.1049	0.1494	0.0604	0.7698
drug-13		0.5213	0.1368	0.1730	0.2044	0.7716
drug-14		0.4521	0.1565	0.2003	0.1258	0.7560
drug-15		0.6702	0.0942	0.1637	0.1466	0.5723

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.4947	0.1444	0.2603	0.2421	0.6683
drug-17		0.2340	0.2188	0.1736	0.0316	0.8578
drug-18		0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19		0.6330	0.1049	0.1811	0.1228	0.6223
drybean		0.9309	0.0197	0.9427	0.9164	0.1131
ecoli		0.6765	0.1078	0.4806	0.5366	0.2768
ecoliCP-IM		0.9091	0.0909	0.9018	0.8036	0.4217
ecoliM		0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU		0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM		0.9091	0.0909	0.4762	-0.0421	0.6863
ecommerce		0.1400	0.4300	0.1391	-0.1454	0.9174
eeg		0.5063	0.0617	0.5211	0.4538	0.5917
eeg-eye		0.8959	0.1041	0.8946	0.7889	0.4431
eeg10%		0.3316	0.0835	0.3516	0.2622	0.7070
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6301	0.1479	0.6284	0.5315	0.4203
euthyroid		0.9715	0.0285	0.9153	0.8266	0.2470
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.4975	0.5025	0.4979	-0.0042	0.9999
farm-ads		0.8865	0.1135	0.8859	0.7714	0.4678
fbis-wc		0.7073	0.0344	0.6861	0.6693	0.2637
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.7647	0.2353	0.7624	0.5248	0.7286
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.7885	0.1058	0.7504	0.7082	0.2793
gas		0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal		0.8125	0.1250	0.7955	0.7055	0.2670
gender		0.5853	0.2765	0.4190	0.1485	0.7224
gene		0.9338	0.0442	0.9291	0.8944	0.2075
german		0.5700	0.4300	0.4976	-0.0047	0.9661
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.9568	0.0432	0.9568	0.9135	0.2373
gisette		0.9643	0.0357	0.9644	0.9286	0.2035
glass		0.7143	0.0952	0.7077	0.6135	0.2577
glass-g2		0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8333	0.1667	0.8276	0.6543	0.6006
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.5333	0.2333	0.5431	0.3636	0.5025
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.8885	0.0319	0.5229	0.8351	0.1578
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth1%		0.4493	0.0918	0.0517	0.0000	0.2692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.6600	0.1700	0.2358	-0.0032	0.5049
heart		0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack		0.7097	0.2903	0.7275	0.4318	0.7406
heart-c		0.8000	0.2000	0.7991	0.5982	0.6654
heart-failure		0.9640	0.0360	0.9580	0.9153	0.2045
heart-quantum		0.6800	0.3200	0.7083	0.3846	0.7488
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs		0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%		0.6282	0.3718	0.6265	0.2529	0.9031
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2857	0.1786	0.1585	0.1250	0.2666
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.7500	0.2500	0.7490	0.4980	0.7508
hiv1-proteasa		0.9056	0.0944	0.8246	0.6464	0.5227
hiva		0.9598	0.0402	0.5663	0.0917	0.5201
horse		0.6667	0.2222	0.6192	0.4331	0.6248
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.7439	0.2561	0.5059	0.0117	0.7709
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.9793	0.0207	0.9355	0.8690	0.2074
hypothyroid		0.9602	0.0199	0.6285	0.7527	0.1784
hypothyroidT		0.9814	0.0186	0.9337	0.8672	0.2663
ilpd		0.6780	0.3220	0.5866	0.1715	0.8815
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0372	0.0741	0.0028	0.0000	0.4203
jm1		0.8007	0.1993	0.6159	0.2065	0.7447
jvowels		0.9980	0.0004	0.9979	0.9977	0.0033
kc1		0.8531	0.1469	0.6840	0.3558	0.6833
kc1-class-level-defectiveornot		0.6667	0.3333	0.6822	0.1935	0.4786
kc1-class-level-numericdefect		0.6154	0.1538	0.2756	0.2935	0.2627
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.5858	0.1675	0.8277
kdc-4007		0.4938	0.1446	0.3666	0.4065	0.3910
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.7519	0.0276	0.7699	0.7226	0.2522
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.7778	0.0741	0.7371	0.7226	0.3517
la2s-wc		0.7748	0.0751	0.7835	0.7215	0.3387
labor		0.6667	0.3333	0.7500	0.4000	0.5283
leaf		0.7353	0.0230	0.7176	0.7218	0.0738

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.6000	0.0800	0.6095	0.5518	0.1926
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.0380	0.0740	0.0028	0.0000	0.4195
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.9444	0.0074	0.9527	0.9403	0.0250
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.5588	0.4412	0.5301	0.0590	0.9271
loan		0.8923	0.1077	0.8845	0.7684	0.4610
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.7925	0.0593	0.5857	0.7097	0.1848
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.5556	0.4444	0.5500	0.1000	0.9644
lymphography		0.7857	0.1429	0.5617	0.6111	0.2715
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.8723	0.1277	0.8699	0.7390	0.5128
madelon		0.5654	0.4346	0.5663	0.1308	0.9507
magic04		0.8611	0.1389	0.8448	0.6847	0.5314
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8021	0.1979	0.8011	0.6021	0.6610
marketing		0.8839	0.1161	0.7748	0.5493	0.6269
maternal		0.8020	0.1320	0.8079	0.7012	0.4091
math		0.7750	0.1125	0.7809	0.6555	0.3242
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		1.0000	0.0000	1.0000	1.0000	0.0000
mental-health		0.2033	0.3187	0.2058	0.0042	0.8629
messidor		0.6696	0.3304	0.6624	0.3246	0.8615
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9330	0.9241	0.0699
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.9850	0.0030	0.9855	0.9833	0.0188
mfeat-fou		0.8800	0.0240	0.8834	0.8667	0.0994
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7100	0.0580	0.7170	0.6778	0.1918
mfeat-pix		0.9900	0.0020	0.9901	0.9889	0.0126
mfeat-zer		0.8100	0.0380	0.8136	0.7889	0.1038
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.7647	0.0941	0.7573	0.7050	0.2521
mobile		0.8706	0.0046	0.8797	0.8683	0.0581
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9180	0.0820	0.9145	0.8244	0.3918
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		1.0000	0.0000	1.0000	1.0000	0.0000
MUT_ci300400a_cdk_ECFP2		0.8249	0.1751	0.8200	0.6400	0.6217
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP6		0.8036	0.1964	0.7972	0.5940	0.6629
MUT_ci300400a_cdk_ESTATE		0.4880	0.5120	0.4931	-0.0135	0.9824
MUT_ci300400a_cdk_EXTENDED		0.8321	0.1679	0.8268	0.6534	0.6055
MUT_ci300400a_cdk_FCFP2		0.8252	0.1749	0.8194	0.6386	0.6201
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.8225	0.1775	0.8180	0.6360	0.6265
MUT_ci300400a_cdk_MACCS		0.8417	0.1583	0.8370	0.6740	0.5854
MUT_ci300400a_cdk_PUBCHEM		0.8647	0.1353	0.8602	0.7197	0.5280
MUT_ci300400a_cdk_STANDARD		0.8216	0.1784	0.8169	0.6337	0.6287
MUT_ci300400a_rdkit_descriptors		0.8033	0.1967	0.7974	0.5923	0.6557
myocardial		0.8765	0.0309	0.2569	0.3533	0.1063
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		0.9648	0.0352	0.9327	0.8649	0.2763
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.3889	0.4074	0.3530	0.0377	0.8027
nursery		0.9977	0.0012	0.9982	0.9966	0.0081
obesity		0.9147	0.0244	0.9116	0.9004	0.1016
obs		0.9815	0.0093	0.9867	0.9725	0.0473
occupancy		0.9903	0.0097	0.9866	0.9729	0.1138
Occupancy_Estimation		0.9882	0.0059	0.9634	0.9636	0.0472
oh0-wc		0.7327	0.0535	0.6959	0.6922	0.2617
oh10-wc		0.6381	0.0724	0.6005	0.5852	0.3056
oh15-wc		0.6739	0.0652	0.6645	0.6300	0.3228
oh5-wc		0.7473	0.0505	0.7623	0.7148	0.2200
olive		0.9123	0.0195	0.8929	0.8898	0.0570
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9911	0.0018	0.9915	0.9901	0.0146
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9526	0.0474	0.6144	0.2259	0.6120
ozone8hr		0.8458	0.1542	0.5051	0.0100	0.6697
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8247	0.1753	0.8034	0.6067	0.6400
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8579	0.7143	0.5399
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9634	0.0146	0.7748	0.7716	0.1784
parkinson		0.9333	0.0667	0.9310	0.8620	0.3334
parkinsons		0.7678	0.2322	0.7567	0.5127	0.7309
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.7192	0.2808	0.4183	0.0000	0.4269
pasture		0.2500	0.5000	0.1667	-0.2000	0.5820
pc1		0.9009	0.0991	0.6073	0.2138	0.6764
pcmac		0.4742	0.5258	0.4739	-0.0515	0.9965
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia		0.5000	0.1429	0.5430	0.3967	0.3206

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pendigits			0.9927	0.0015	0.9927	0.9919	0.0133
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.4444	0.5556	0.4208	-0.1538	0.9711
persistency			0.7464	0.2536	0.7239	0.4450	0.7662
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.8150	0.1850	0.7916	0.5832	0.6633
phishing			0.9837	0.0163	0.9829	0.9656	0.1063
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.8132	0.0534	0.7996	0.7815	0.2037
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%			0.8205	0.0513	0.8091	0.7898	0.2091
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.8889	0.1111	0.8638	0.7275	0.5113
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6579	0.3421	0.6381	0.2757	0.8794
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.4737	0.5263	0.4775	-0.0440	1.0000
plrx			0.7222	0.2778	0.6328	0.2623	0.8344
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4712	0.1511	0.2501	0.0473	0.6687
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd			0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd			0.9343	0.0657	0.5000	0.0000	0.6446
polish-4th			0.9204	0.0796	0.5278	0.0533	0.6654
polish-5th			0.9306	0.0694	0.6837	0.3532	0.5925
polya			0.7859	0.2141	0.7640	0.5273	0.7081
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.4388	0.3077	0.4154
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.6618	0.3382	0.6635	0.3235	0.8580
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4242	0.0886	0.3357	0.3556	0.3045
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7910	0.2090	0.7760	0.5473	0.6914
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc			0.5467	0.0697	0.5574	0.4185	0.4165
re1-wc			0.5602	0.0352	0.4395	0.4972	0.3963
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9718	0.0282	0.9723	0.9430	0.1343
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6633	0.3367	0.6507	0.3013	0.8706
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.9051	0.0316	0.8964	0.8831	0.1651

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimageF			0.9891	0.0109	0.9718	0.9435	0.1479
satimageT			0.9362	0.0638	0.8210	0.6418	0.5186
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.6005	0.1765	0.8657
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9394	0.0173	0.9435	0.9292	0.0822
segmentation			0.7871	0.2129	0.7719	0.5431	0.7034
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9225	0.0775	0.6486	0.2930	0.6404
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.7605	0.2395	0.5210	0.0416	0.7633
sens-2-gram			0.7737	0.2263	0.6169	0.2212	0.7144
sens-3-gram			0.8132	0.1868	0.5806	0.1611	0.7625
sens-4-gram			0.7921	0.2079	0.5980	0.1930	0.7426
sens-5-gram			0.8316	0.1684	0.5762	0.1473	0.7577
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6			0.6000	0.4000	0.6000	0.2000	0.9288
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.4673	0.5327	0.4693	-0.0479	0.7649
smarket			0.7200	0.2800	0.7205	0.4382	0.7874
smart-farming			0.1600	0.4200	0.1638	-0.1242	0.8822
smk_can_187			0.7368	0.2632	0.7360	0.4693	0.7643
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2200	0.3120	0.2190	0.0248	0.8536
solar-flare			0.7770	0.0743	0.7413	0.7140	0.2000
sonar			0.7000	0.3000	0.7185	0.4000	0.7215
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8978	0.1022	0.8931	0.7861	0.4477
spect			0.6667	0.3333	0.5950	0.1818	0.8134
spectf			0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer			0.6538	0.0256	0.5581	0.6341	0.1164
splice-EI			0.9779	0.0221	0.9709	0.9417	0.1787
splice-IE			0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles			0.7300	0.2700	0.6975	0.3680	0.7445
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8256	0.1744	0.7470	0.4931	0.6955
steel-d			0.9949	0.0051	0.9553	0.9065	0.0226
steel-k			0.9795	0.0205	0.9682	0.9359	0.1450
steel-o			0.8256	0.1744	0.8048	0.6081	0.6309
steel-p			0.8974	0.1026	0.6395	0.2780	0.6749
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9333	0.0667	0.8336	0.6608	0.5465
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8889	0.1111	0.8068	0.6129	0.5758

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8740	0.1260	0.8724	0.7445	0.5028
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.2500	0.3000	0.1966	-0.0438	0.8104
student-weekend			0.3077	0.2769	0.2403	0.0506	0.7186
student-workday			0.6406	0.1437	0.2292	0.1593	0.3817
studentap			0.3077	0.4615	0.3143	-0.0636	0.7989
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			1.0000	0.0000	1.0000	1.0000	0.0000
theorem			0.9967	0.0033	0.9966	0.9933	0.0238
thoracic			0.7660	0.2340	0.5644	0.1282	0.7808
thrombin			0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7985	0.2015	0.6905	0.3268	0.6422
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.8235	0.0882	0.8375	0.7650	0.1709
toxicity			0.4118	0.5882	0.3561	-0.2879	1.0000
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc			0.7317	0.0596	0.6044	0.6727	0.1894
trec12-wc			0.7419	0.0645	0.7779	0.6900	0.2136
trec21-wc			0.9394	0.0242	0.5958	0.8690	0.0368
trec23-wc			0.6190	0.1270	0.4617	0.5088	0.2782
trec31-wc			0.8280	0.0573	0.8008	0.7769	0.2755
trec41-wc			0.7727	0.0455	0.6362	0.7193	0.2244
trec45-wc			0.6087	0.0783	0.6171	0.5497	0.3680
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.8500	0.0750	0.8623	0.8000	0.1728
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.8615	0.1385	0.8621	0.7151	0.5225
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9633	0.0367	0.7151	0.4300	0.5783
ur3_cobotops_stop			0.9646	0.0354	0.7411	0.4817	0.5540
urban			0.8060	0.0431	0.8233	0.7716	0.1549
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7619	0.1190	0.7362	0.6813	0.1957
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.7374	0.0478	0.7953	0.7111	0.1297
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7500	0.0250	0.5457	0.7205	0.1739
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2767	0.3617	0.2746	0.0353	0.8456
waveform			0.8020	0.1320	0.8022	0.7030	0.4264
weather-related			0.9769	0.0042	0.9788	0.9738	0.0316
web-phishing			0.8296	0.1136	0.7755	0.7093	0.4398
Weekly			0.8889	0.1111	0.8882	0.7759	0.4652
weight-lift			0.9975	0.0010	0.9973	0.9968	0.0080
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9850	0.0075	0.9852	0.9800	0.0340
wilt			0.9814	0.0186	0.9174	0.8267	0.4154
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6226	0.1258	0.3052	0.3906	0.5097
winequality-white			0.6115	0.1110	0.3438	0.4198	0.5395
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.8947	0.1053	0.8871	0.7645	0.3964
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5135	0.0973	0.3525	0.3763	0.4520
yeastCYT-POX			0.9184	0.0816	0.6619	0.2950	0.5709
yeastEXC			0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1			0.9459	0.0541	0.7346	0.4056	0.5289
yeastME2			0.9392	0.0608	0.4843	-0.0215	0.6129
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 111: Detailed results for LSVMCW

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1928	0.0769	0.1248	0.0987	0.4454
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9029	0.0971	0.4745	-0.0425	0.6928
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6000	0.4000	0.4724	-0.0526	0.9519
AID644red		0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8498	0.1502	0.7835	0.5584	0.6065
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7238	0.1105	0.3767	0.2128	0.2035
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8512	0.1488	0.8349	0.6684	0.5717
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9541	0.0229	0.9134	0.9112	0.1230
anuran-genus		0.9750	0.0063	0.9433	0.9586	0.0927
anuran-species		0.9778	0.0044	0.9476	0.9691	0.0543
anxiety		0.1083	0.1981	0.0780	-0.0009	0.5731
apple-quality		0.7325	0.2675	0.7343	0.4650	0.7664
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.6889	0.0622	0.5667	0.4706	0.3961

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8500	0.0600	0.8564	0.7980	0.1029
avila		0.5568	0.0739	0.4061	0.3275	0.2855
babies		0.4355	0.1613	0.1402	0.0970	0.3740
balance		0.9194	0.0538	0.8845	0.8604	0.3020
bank		0.9046	0.0954	0.7193	0.4142	0.5721
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9032	0.0968	0.8950	0.7826	0.3835
basehock		0.9548	0.0452	0.9548	0.9095	0.2468
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.9069	0.8131	0.3595
biodeg		0.8762	0.1238	0.8695	0.7388	0.5111
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6381	0.1810	0.6383	0.5174	0.4903
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7015	0.6765	0.1388
bridges		0.9000	0.0333	0.8192	0.8485	0.0568
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8966	0.0517	0.8641	0.7853	0.2840
card		0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography		0.8498	0.0300	0.8134	0.8190	0.1606
cardiotocography-nsp		0.8967	0.0689	0.8174	0.7108	0.2998
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5479	0.4292	0.4487
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.7308	0.2692	0.7289	0.4577	0.7802
cas_N6512_RDkit_AtomPair_FP		0.7285	0.2715	0.7260	0.4511	0.7817
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.7538	0.2462	0.7526	0.5052	0.7450
cas_N6512_rdkit_FEATMORGAN		0.7435	0.2565	0.7415	0.4829	0.7613
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.7650	0.2350	0.7631	0.5230	0.7193
cas_N6512_RDkit_MACCS_FP		0.7638	0.2362	0.7625	0.5250	0.7291
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7846	0.2154	0.7833	0.5667	0.6938
cas_N6512_RDkit_pattern_FP		0.7684	0.2316	0.7685	0.5362	0.7185
cas_N6512_rdkit_RDKITFP		0.7266	0.2734	0.7256	0.4511	0.7853
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7669	0.5326	0.7109
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8101	0.5343	0.0872
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.8198	0.6337	0.4984
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6947	0.3053	0.6708	0.3408	0.8397
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8046	0.0977	0.5642	0.6932	0.3134
climate		0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4626	0.3583	0.4354	0.1489	0.7667
cnae-9		0.9259	0.0165	0.9290	0.9167	0.0728
codon_usage		0.8833	0.0212	0.7317	0.8579	0.1706
coil20		0.9931	0.0007	0.9933	0.9927	0.0048
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.8400	0.0213	0.7808	0.8231	0.0762
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.6552	0.3448	0.6415	0.2120	0.7262
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7586	0.2414	0.5904	0.1288	0.7232
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7716	0.2284	0.7717	0.5433	0.7148
coupon		0.6838	0.3162	0.6747	0.3483	0.8445
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.9483	0.0517	0.8841	0.7628	0.3479

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9465	0.0535	0.7562	0.4836	0.4631
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9032	0.0323	0.7908	0.7969	0.2716
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.4688	0.0266	0.3346	0.4544	0.0716
cybersecurity		0.1533	0.2822	0.1099	-0.0276	0.5859
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7037	0.2963	0.7010	0.4008	0.8144
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8611	0.1389	0.7044	0.2071	0.2835
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.3366	0.0303	0.5178
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7000	0.3000	0.6175	0.2340	0.8389
diabetes		0.8462	0.1538	0.8375	0.6750	0.5822
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%		0.5686	0.2876	0.3963	0.0867	0.3816
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9777	0.9771	0.0437
diamonds_all		0.6648	0.1341	0.5531	0.5075	0.3953
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5833	0.4167	0.5845	0.1667	0.9267
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5660	0.4340	0.5624	0.1240	0.9557
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7607	0.1595	0.6775	0.5986	0.4668
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.1951	0.2450	0.4640
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.1593	0.1340	0.3539
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6277	0.1064	0.1780	0.2598	0.3210
drug-14		0.5851	0.1185	0.2214	0.1932	0.3956
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5798	0.1201	0.1807	0.2495	0.3184

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-17		0.3723	0.1793	0.2193	0.1233	0.4322
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9302	0.0199	0.9421	0.9156	0.1147
ecoli		0.8824	0.0392	0.7465	0.8359	0.1288
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2100	0.3950	0.1998	-0.0560	0.8409
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.6101	0.3899	0.6103	0.1595	0.7692
eeg10%		0.3926	0.0759	0.3668	0.3255	0.5701
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6575	0.1370	0.6325	0.5538	0.3669
euthyroid		0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.8211	0.0210	0.7854	0.7962	0.1610
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.8125	0.0625	0.8486	0.7659	0.1160
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9038	0.0481	0.8748	0.8680	0.1369
gas		0.9921	0.0026	0.9926	0.9904	0.0210
gastrointestinal		0.6250	0.2500	0.5916	0.3846	0.5695
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.9211	0.0526	0.9115	0.8745	0.2226
german		0.7500	0.2500	0.7121	0.3812	0.6824
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.5101	0.4899	0.3378	0.0000	0.5269
glass		0.6667	0.1111	0.6697	0.5227	0.2557
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4000	0.3000	0.3232	0.1667	0.4293
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.7905	0.0838	0.7821	0.7336	0.3408
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.7752	0.0642	0.3989	0.6338	0.1279
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth1%		0.4493	0.0918	0.0517	0.0000	0.2692
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.2500	0.5000	0.3280	-0.1707	0.6471

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hcc-survival		0.7647	0.2353	0.7548	0.4925	0.6907
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.8387	0.1613	0.8409	0.6681	0.5327
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.8480	0.1520	0.8236	0.6472	0.5999
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6682	0.3318	0.6675	0.3230	0.8344
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2857	0.1786	0.1522	0.1463	0.2679
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9325	0.0675	0.8780	0.7556	0.4320
hiva		0.9385	0.0615	0.4841	-0.0309	0.6306
horse		0.7500	0.1667	0.7316	0.5449	0.3780
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.9804	0.0196	0.9389	0.8746	0.1719
hypothyroid		0.9735	0.0133	0.6623	0.8304	0.1156
hypothyroidT		0.9788	0.0212	0.9211	0.8289	0.0734
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9520	0.0240	0.9530	0.9360	0.0909
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8108	0.1892	0.6357	0.0431	0.3763
jvowels		0.9518	0.0107	0.9487	0.9454	0.0769
kc1		0.8673	0.1327	0.7118	0.2315	0.2755
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.6154	0.1538	0.3765	0.3500	0.3639
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6081	0.1734	0.7219
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.8797	0.0802	0.8389	0.8011	0.2109
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2895	0.0789	0.2288	0.1885	0.5012
krvskp		0.9436	0.0564	0.9439	0.8871	0.2872
la2s-wc		0.2517	0.2494	0.0670	0.0000	0.3690
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7941	0.0179	0.7960	0.7838	0.0593
led24		0.6000	0.0889	0.6140	0.5442	0.1995
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.8490	0.0116	0.8505	0.8429	0.1562

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8889	0.0148	0.8936	0.8809	0.0290
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.8235	0.1765	0.7914	0.5768	0.6309
loan		0.9274	0.0726	0.9225	0.8449	0.3560
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.0394	0.1746	0.1042	0.0148	0.3928
lrs		0.8868	0.0323	0.6579	0.8418	0.0615
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.7065	0.2703	0.4882
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.9149	0.0851	0.9152	0.8273	0.3841
madelon		0.5500	0.4500	0.5503	0.1000	0.9655
magic04		0.7833	0.2167	0.7543	0.5013	0.7008
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.8929	0.1071	0.7519	0.4309	0.4261
maternal		0.6337	0.2442	0.6420	0.4358	0.5425
math		0.8500	0.0750	0.8014	0.7670	0.2481
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.7043	0.2957	0.7119	0.4147	0.7881
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.9184	0.8448	0.0948
meter-D		0.7778	0.1111	0.6252	0.6828	0.2443
mfeat-fac		0.9750	0.0050	0.9755	0.9722	0.0293
mfeat-fou		0.8350	0.0330	0.8364	0.8167	0.1586
mfeat-kar		0.9600	0.0080	0.9608	0.9556	0.0507
mfeat-mor		0.7300	0.0540	0.7350	0.7000	0.1918
mfeat-pix		0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-zer		0.8500	0.0300	0.8293	0.8333	0.0892
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9245	0.0503	0.9272	0.8858	0.1701
mines		0.5000	0.2000	0.4355	0.3738	0.4046
mobile		0.8497	0.0054	0.8602	0.8469	0.0704
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
musk		0.9348	0.0652	0.8680	0.6988	0.1763
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.6894	0.3106	0.6865	0.3714	0.8304
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.7554	0.2446	0.7451	0.4853	0.7371
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.7820	0.2180	0.7766	0.5531	0.7027
MUT_ci300400a_rdkit_descriptors		0.7757	0.2243	0.7696	0.5387	0.7123
myocardial		0.8588	0.0353	0.2148	0.1847	0.1143
naticusdroid		0.9591	0.0409	0.9591	0.9182	0.2295
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8793	0.0127	0.2364	0.6136	0.1757
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5278	0.3148	0.3489	0.0400	0.5118
nursery		0.9313	0.0343	0.8894	0.8991	0.1417
obesity		0.9242	0.0217	0.9235	0.9115	0.0996
obs		0.7963	0.1019	0.8403	0.6883	0.2279
occupancy		0.9893	0.0107	0.9853	0.9703	0.1224
Occupancy_Estimation		0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc		0.8020	0.0396	0.7770	0.7722	0.1851
oh10-wc		0.6952	0.0610	0.6716	0.6512	0.2757
oh15-wc		0.6522	0.0696	0.6158	0.6041	0.3357
oh5-wc		0.7802	0.0440	0.7730	0.7510	0.1976
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9804	0.0039	0.9812	0.9782	0.0304
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7577	0.2423	0.7400	0.4776	0.7478
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8413	0.1587	0.8405	0.6806	0.5796
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9744	0.0102	0.8577	0.8448	0.0856
parkinson		0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons		0.7962	0.2038	0.7894	0.5764	0.6772
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.8677	0.1323	0.8428	0.6835	0.5663
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8026	0.1974	0.7415	0.4828	0.7174
pediatric-leukemia		0.7941	0.0588	0.7203	0.7421	0.1519
pendigits		0.9800	0.0040	0.9803	0.9777	0.0324
period		0.5556	0.4444	0.5791	0.1429	0.8628
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
persistency			0.8017	0.1983	0.7861	0.5709	0.6728
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.9000	0.1000	0.8881	0.7570	0.3198
phishing			0.9673	0.0327	0.9657	0.9312	0.1929
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%			0.7113	0.0825	0.6975	0.6616	0.2388
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%			0.7042	0.0845	0.6397	0.6527	0.2333
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7778	0.2222	0.7232	0.4462	0.7484
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.9935	0.0044	0.9887	0.9794	0.0550
placement			0.7990	0.2010	0.7942	0.5884	0.6720
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7859	0.2141	0.7616	0.5201	0.7032
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6353	0.2647	0.8828
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.5152	0.0746	0.4259	0.4585	0.2038
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.8060	0.1940	0.7776	0.5549	0.6811
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.8600	0.0560	0.8177	0.8126	0.2086
pufs-128			0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc			0.7169	0.0227	0.5729	0.6762	0.2366
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6284	0.3716	0.6001	0.1923	0.8986
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimage			0.8771	0.0410	0.8553	0.8485	0.1887
satimageF			0.9844	0.0156	0.9591	0.9178	0.1662
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8718	0.1282	0.5510	0.0993	0.6436
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9264	0.0210	0.9344	0.9139	0.0802
segmentation			0.8218	0.1782	0.8028	0.6042	0.6372
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8711	0.1289	0.6147	0.0873	0.4343
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-8-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-9-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8808	0.1192	0.7316	0.4157	0.5316
shuttle			0.9841	0.0045	0.8748	0.9555	0.1638
sick			0.9629	0.0371	0.8318	0.6478	0.3649
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9273	0.0727	0.8994	0.7936	0.4426
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1600	0.4200	0.1488	-0.1302	0.8237
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7338	0.0887	0.5670	0.6568	0.1784
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9425	0.0575	0.8072	0.6002	0.4456
spambase			0.9174	0.0826	0.9133	0.8249	0.3700
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer			0.7692	0.0171	0.6464	0.7558	0.0758
splice-EI			0.9558	0.0442	0.9443	0.8867	0.3044
splice-IE			0.9117	0.0883	0.8767	0.7532	0.4631
sport-articles			0.8300	0.1700	0.8144	0.6249	0.6065
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7657	0.1562	0.7199	0.6215	0.4534
steel-b			0.8308	0.1692	0.7149	0.4114	0.6677
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.7487	0.2513	0.7118	0.3668	0.6527
steel-p			0.9179	0.0821	0.6618	0.2948	0.5925
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9167	0.0833	0.8521	0.7004	0.4623
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8060	0.1940	0.8040	0.6079	0.6555
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6300	0.1480	0.2788	0.3680	0.3250
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4200	0.2320	0.1948	0.0761	0.4590
student-weekend			0.4000	0.2400	0.2131	0.0914	0.5202
student-workday			0.6875	0.1250	0.1692	0.1036	0.3313
studentap			0.4615	0.3590	0.4553	0.1574	0.6175
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn			0.9020	0.0980	0.8720	0.7431	0.4691
texture			0.9964	0.0007	0.9965	0.9960	0.0053
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.7561	0.0542	0.6308	0.6933	0.2133
trec12-wc			0.9032	0.0242	0.9196	0.8821	0.0667
trec21-wc			0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc			0.6667	0.1111	0.5800	0.5612	0.2880
trec31-wc			0.9570	0.0143	0.9503	0.9430	0.0725
trec41-wc			0.8750	0.0250	0.6988	0.8437	0.1187
trec45-wc			0.7536	0.0493	0.7116	0.7070	0.1888
tuandromd			0.9753	0.0247	0.9613	0.9225	0.1889
turkish			0.8500	0.0750	0.8500	0.8000	0.2121
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.9231	0.0769	0.9184	0.8363	0.3786
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8209	0.0398	0.8335	0.7906	0.1334
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7500	0.1250	0.7290	0.6667	0.1601
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5859	0.0753	0.6127	0.5444	0.2166
vowelZ			0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.6843	0.0902	0.6770	0.6309	0.3365
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.6803	0.0913	0.6711	0.6263	0.3196
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2667	0.3667	0.1799	0.0235	0.5657
waveform			0.8480	0.1013	0.8481	0.7720	0.3548
weather-related			0.0635	0.1703	0.0109	0.0000	0.3962
web-phishing			0.8000	0.1333	0.6470	0.6273	0.4145
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9814	0.0186	0.9034	0.8065	0.3702
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5723	0.1426	0.2112	0.2753	0.3287
winequality-white			0.5112	0.1396	0.1661	0.1784	0.3373
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.4865	0.1141	0.3261	0.3404	0.3918
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 112: Detailed results for LT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1751	0.0569	0.1022	0.0955	0.5131
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9384	0.0616	0.6814	0.3608	0.6122
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9238	0.0762	0.8470	0.6934	0.4809
adult		0.8406	0.1594	0.7629	0.5151	0.6314
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8214	0.1786	0.4830	-0.0196	0.6119
AID_1431_KlekotaRothFingerprinter		0.7698	0.2302	0.4702	-0.0542	0.6350
AID_1431_MACCSFingerprinter		0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1878		0.7619	0.2381	0.6262	0.2445	0.7735
AID_602330		0.9271	0.0729	0.4810	-0.0327	0.5874
AID_652128		0.7424	0.1717	0.3487	-0.0075	0.4200
AID1284Morered		0.6806	0.3194	0.5855	0.1492	0.6769
AID1284red		0.6944	0.3056	0.5568	0.0934	0.7034
AID1608Morered		0.7961	0.2039	0.5438	0.0743	0.5586
AID1608red		0.7524	0.2476	0.4549	-0.0607	0.5089
AID362red		0.9790	0.0210	0.5881	0.1729	0.5675
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.8704	0.6818	0.2500
AID439red		0.5714	0.4286	0.3419	-0.1481	0.4472
AID456red		0.9950	0.0050	0.4987	-0.0017	0.2448
AID604		0.9963	0.0037	0.4991	-0.0002	0.1321
AID604AID644_AllRed		0.9989	0.0011	0.4997	-0.0001	0.2060
AID644Morered		0.3250	0.6750	0.2943	-0.3733	0.9432
AID644red		0.7000	0.3000	0.6102	0.2017	0.8194
AID687AID721red		0.9988	0.0012	0.4997	-0.0004	0.1985
AID687red		0.9962	0.0038	0.4991	-0.0010	0.2783
AID688red		0.9901	0.0099	0.4975	-0.0013	0.2329
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.7778	0.2222	0.5580	0.1786	0.5735
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9938	0.0062	0.4984	-0.0003	0.1371
aids		0.9014	0.0986	0.8609	0.7162	0.4540
air_pollution		0.3500	0.1857	0.1219	-0.0121	0.7220
air-booking		0.8496	0.1504	0.5515	0.0109	0.3857
airline		0.9338	0.0662	0.9326	0.8653	0.3288
alcohol		0.7619	0.0952	0.4979	0.4964	0.3098
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9256	0.0744	0.9182	0.8362	0.3657
anneal		0.9607	0.0157	0.9532	0.9192	0.1036
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9270	0.0365	0.7534	0.8641	0.1935
anuran-genus		0.8950	0.0263	0.7235	0.8316	0.2314
anuran-species		0.8757	0.0249	0.7371	0.8259	0.1653
anxiety		0.1167	0.1963	0.1180	0.0046	0.7971
apple-quality		0.8225	0.1775	0.8230	0.6450	0.6168
aps-failure		0.9897	0.0103	0.8331	0.6421	0.2668
arabidopsis		0.9920	0.0080	0.6663	0.0022	0.0321
arabidopsis0.1%		0.9412	0.0588	0.4845	-0.0082	0.0914
arabidopsis1%		0.9938	0.0062	0.7523	0.3978	0.1714
arabidopsis10%		0.9920	0.0080	0.6674	0.0072	0.0320

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.4111	0.0906	0.2043	0.2538	0.4279
auction		0.9583	0.0417	0.9013	0.7976	0.2968
audiology		0.6522	0.0290	0.3079	0.6180	0.0561
audit-risk		0.9936	0.0064	0.9934	0.9865	0.0346
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.9483	0.0517	0.9488	0.8967	0.2168
autos		0.7500	0.0833	0.6324	0.6751	0.1635
avila		0.5149	0.0809	0.3909	0.3817	0.4365
babies		0.4758	0.1498	0.2465	0.1845	0.4247
balance		0.8065	0.1290	0.6882	0.6888	0.2622
bank		0.9094	0.0906	0.7398	0.4612	0.5615
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9090	0.0910	0.9014	0.7957	0.3617
basehock		0.8920	0.1080	0.8920	0.7839	0.4540
bio		0.9955	0.0045	0.8560	0.6680	0.0582
bio10%		0.9959	0.0041	0.8698	0.7253	0.2186
biodeg		0.8762	0.1238	0.8682	0.7362	0.5083
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.8270	0.0119	0.0310	0.0110	0.2164
bitcoin1%		0.8297	0.0117	0.0311	0.0087	0.0356
bitcoin10%		0.8326	0.0115	0.0312	0.0117	0.0479
body-perf		0.6679	0.1660	0.6691	0.5572	0.4606
bookings		0.9899	0.0068	0.7421	0.9785	0.0392
brain-tumor		0.4880	0.5120	0.4880	-0.0240	1.0000
breast-cancer		0.7143	0.2857	0.6019	0.2015	0.8230
breast-cancer-co		0.8182	0.1818	0.8192	0.6271	0.5262
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.6818	0.1061	0.6457	0.6088	0.1823
bridges		0.6000	0.1143	0.4423	0.4808	0.1793
bub10at310k-hg16-17		0.9121	0.0879	0.6426	0.0918	0.3137
bub12at310k-hg16-17		0.9116	0.0880	0.6430	0.0675	0.2818
bub8at310k-hg16-17		0.9116	0.0881	0.6666	0.0519	0.2149
cad		0.9833	0.0167	0.9815	0.9615	0.1118
caesarian		0.5625	0.4375	0.4590	0.0294	0.6969
cancer		0.9928	0.0072	0.9921	0.9839	0.0358
cancer-uae		0.4670	0.3553	0.3130	-0.0045	0.5725
car		0.9138	0.0431	0.7815	0.8197	0.2204
car-insurance		0.8500	0.1500	0.8220	0.6425	0.5884
card		0.7971	0.2029	0.7931	0.5847	0.6649
cardiotocography		0.6667	0.0667	0.5906	0.6041	0.3143
cardiotocography-nsp		0.9131	0.0579	0.8323	0.7387	0.2734
cardiovascular		0.7313	0.2687	0.7317	0.4626	0.7762
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6875	0.2083	0.5635	0.4354	0.4146
cas_N6512_cdk_ECFP2		0.6705	0.3295	0.6669	0.3328	0.8566
cas_N6512_rdkit_ATOMPAIR		0.6392	0.3608	0.6364	0.2727	0.8924
cas_N6512_RDkit_AtomPair_FP		0.6472	0.3528	0.6450	0.2900	0.8839
cas_N6512_rdkit_AVALON		0.7250	0.2750	0.7223	0.4433	0.7860
cas_N6512_RDkit_Avalon_FP		0.6933	0.3067	0.6916	0.3832	0.8305
cas_N6512_rdkit_descriptors		0.7662	0.2338	0.7645	0.5289	0.7253
cas_N6512_rdkit_FEATMORGAN		0.7020	0.2980	0.7001	0.4002	0.8196
cas_N6512_RDkit_Featmorgan_FP		0.7163	0.2837	0.7148	0.4296	0.8003
cas_N6512_RDkit_FP		0.6794	0.3206	0.6773	0.3546	0.8477
cas_N6512_rdkit_LAYERED		0.6838	0.3162	0.6830	0.3658	0.8408
cas_N6512_RDkit_Layered_FP		0.6994	0.3006	0.6968	0.3932	0.8228

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.8003	0.1997	0.7987	0.5960	0.6609
cas_N6512_RDkit_MACCS_FP		0.7929	0.2071	0.7923	0.5843	0.6780
cas_N6512_rdkit_MORGAN		0.6431	0.3569	0.6403	0.2805	0.8885
cas_N6512_RDkit_morgan_FP		0.6580	0.3420	0.6564	0.3127	0.8717
cas_N6512_rdkit_PATTERN		0.7292	0.2708	0.7289	0.4573	0.7800
cas_N6512_RDkit_pattern_FP		0.7270	0.2730	0.7260	0.4518	0.7847
cas_N6512_rdkit_RDKITFP		0.6774	0.3226	0.6741	0.3469	0.8484
cas_N6512_rdkit_TORSION		0.6738	0.3262	0.6721	0.3441	0.8541
ccds1%		0.8901	0.1099	0.4820	-0.0169	0.2515
ccds10%		0.9359	0.0669	0.5648	0.1307	0.5831
cdc_diabetes		0.8488	0.1008	0.4254	0.1996	0.3179
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7927	0.2073	0.7781	0.5548	0.6931
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9752	0.0248	0.8305	0.6136	0.1935
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9453	0.0547	0.5962	0.1558	0.5648
CDS49_AID687_Rdkit-ecfp4-fp		0.9970	0.0030	0.4992	-0.0010	0.4761
census		0.9498	0.0502	0.7429	0.4316	0.4089
census10%		0.9432	0.0568	0.7053	0.3972	0.5623
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9593	0.0407	0.8488	0.6961	0.4856
cervical-C		0.9360	0.0640	0.6336	0.2385	0.5809
cervical-H		0.9651	0.0349	0.8585	0.6912	0.4741
cervical-S		0.9070	0.0930	0.7087	0.4160	0.6331
children-anemia		0.9292	0.0354	0.8837	0.8941	0.1261
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9938	0.0004	0.5049	-0.0001	0.2327
chronic-kidney		0.9217	0.0783	0.6116	0.1148	0.4393
churn		0.8480	0.1520	0.7356	0.4401	0.6006
churn-bigml		0.9438	0.0562	0.8801	0.7510	0.3328
ci900367j_MACCS		0.6579	0.3421	0.6600	0.3131	0.8332
circles		0.3550	0.0129	0.2798	0.3485	0.1468
cirrhosis		0.6190	0.2540	0.5013	0.3227	0.6458
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7454	0.1273	0.5056	0.5804	0.3203
climate		0.9167	0.0833	0.6754	0.3486	0.6400
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9300	0.0700	0.7755	0.4279	0.1768
cmc		0.5000	0.3333	0.5381	0.2653	0.6084
cnae-9		0.6204	0.0844	0.6521	0.5729	0.3153
codon_usage		0.7137	0.0520	0.5612	0.6672	0.3071
coil20		0.8646	0.0135	0.8646	0.8574	0.0802
college		0.9221	0.0779	0.9055	0.8092	0.4196
collins		0.8000	0.0267	0.7465	0.7799	0.0963
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.7414	0.2586	0.7143	0.4116	0.7277
colposcopies-2		0.5172	0.4828	0.4874	-0.0253	0.9775
colposcopies-3		0.6552	0.3448	0.6446	0.2892	0.8678
colposcopies-4		0.4828	0.5172	0.4184	-0.1533	0.9144
colposcopies-5		0.8103	0.1897	0.6476	0.2894	0.7483
colposcopies-6		0.6724	0.3276	0.6747	0.3467	0.8408
colposcopies-c		0.6897	0.3103	0.6184	0.2184	0.8002
column-2c		0.9194	0.0806	0.9097	0.8183	0.3991
column-3c		0.7903	0.1398	0.7389	0.6564	0.3073
comedy_comparisons1%		0.5277	0.4723	0.5273	0.0545	0.9818
comedy_comparisons10%		0.5659	0.4341	0.5647	0.1292	0.9568

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7404	0.2596	0.7406	0.4808	0.7623
coupon		0.7212	0.2788	0.7135	0.4258	0.7951
covid19		0.5433	0.1305	0.2190	0.1774	0.3343
covtype		0.6735	0.0933	0.4521	0.4775	0.4239
covtype10%		0.6671	0.0951	0.4615	0.4664	0.4327
covtypeCD		0.9724	0.0276	0.9407	0.8812	0.2544
covtypeT		0.9588	0.0412	0.8295	0.6545	0.4409
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9994	0.0006	0.9005	0.7951	0.2057
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8203	0.0599	0.5543	0.6478	0.3463
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.2500	0.0375	0.1724	0.2296	0.1219
customer-churn		0.9796	0.0204	0.6295	0.0366	0.1310
cybersecurity		0.1733	0.2756	0.1717	0.0073	0.8853
cyclopentane		0.6481	0.3519	0.6499	0.2872	0.8434
cylinder-bands		0.6667	0.3333	0.6600	0.3191	0.8588
darwin		0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dating		0.1000	0.1800	0.0994	-0.0002	0.9283
day1%		0.9810	0.0208	0.9837	0.9455	0.1471
dbworld		0.8571	0.1429	0.8704	0.6818	0.2322
default		0.8272	0.1728	0.7160	0.3996	0.6387
defect		0.9475	0.0525	0.8979	0.7906	0.3196
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9032	0.0968	0.7221	0.4124	0.5533
depressed		0.8252	0.1748	0.5461	0.0382	0.5884
dermatology		0.8108	0.0631	0.8109	0.7605	0.1624
desharnais		0.5625	0.2917	0.4094	0.2205	0.4038
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7667	0.2333	0.7029	0.4043	0.7642
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9585	0.0415	0.8519	0.6642	0.1923
diabetes-risk		0.8932	0.1068	0.8324	0.6635	0.5350
diabetic		0.5319	0.3120	0.4069	0.1536	0.6759
diabetic1%		0.3824	0.4118	0.2932	-0.0364	0.8254
diabetic10%		0.4607	0.3595	0.3607	0.0508	0.7662
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7301	0.1080	0.6743	0.6134	0.3546
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9965	0.0052	0.5157	0.0212	0.2253
dorothea		0.9130	0.0870	0.6741	0.2552	0.4630
dota2		0.6003	0.3997	0.5972	0.1929	0.9267
dota210%		0.5534	0.4466	0.5510	0.1019	0.9664
drebin		0.9774	0.0226	0.9757	0.9515	0.1532
dropout		0.7190	0.1874	0.6431	0.5001	0.4215
drug-01		0.3032	0.1991	0.1607	0.0391	0.5380
drug-02		0.4388	0.1603	0.1747	0.1176	0.5859
drug-03		0.5426	0.1307	0.1699	0.0764	0.3742
drug-04		0.4574	0.1550	0.2028	0.1376	0.5186

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.6090	0.1117	0.1600	0.0157	0.2719
drug-06		0.2793	0.2059	0.2238	0.1398	0.5734
drug-07		0.3856	0.1755	0.1160	-0.0345	0.4124
drug-08		0.4468	0.1581	0.2113	0.1661	0.4567
drug-09		0.7846	0.0616	0.1471	0.0908	0.1544
drug-10		0.3617	0.1824	0.1503	0.0730	0.5290
drug-11		0.7021	0.0851	0.1402	0.0402	0.2175
drug-12		0.6569	0.0980	0.1410	0.0502	0.2335
drug-13		0.4920	0.1451	0.2040	0.2070	0.4585
drug-14		0.4840	0.1474	0.2163	0.1773	0.4978
drug-15		0.5984	0.1147	0.1748	0.0601	0.3309
drug-16		0.5186	0.1375	0.2806	0.2737	0.4597
drug-17		0.3404	0.1885	0.2097	0.0954	0.5627
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.6197	0.1087	0.1429	0.0363	0.3770
drybean		0.8556	0.0413	0.8575	0.8269	0.2023
ecoli		0.7500	0.0625	0.3809	0.6507	0.1587
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9545	0.0455	0.9378	0.8668	0.1460
ecoliMU		0.8788	0.1212	0.6813	0.3513	0.6618
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.1600	0.4200	0.1645	-0.1207	0.9049
eeg		0.2944	0.0882	0.2922	0.2264	0.6471
eeg-eye		0.8024	0.1976	0.7997	0.5979	0.6555
eeg10%		0.2606	0.0924	0.2280	0.1892	0.6512
email_phishing		0.9868	0.0132	0.6665	0.0057	0.0481
eucalyptus		0.4795	0.2082	0.4820	0.3463	0.5634
euthyroid		0.9636	0.0364	0.8994	0.7985	0.3960
exon.vs.intron-freq		0.9479	0.0521	0.9478	0.8954	0.2717
exon.vs.intron-freq10%		0.9501	0.0499	0.9500	0.8999	0.2647
fakenews		0.4850	0.5150	0.4850	-0.0300	1.0000
farm-ads		0.8539	0.1461	0.8531	0.7055	0.5431
fbis-wc		0.4126	0.0691	0.3477	0.3526	0.5409
fertility		0.7500	0.2500	0.4243	-0.0882	0.3924
finance		0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk		0.8295	0.0568	0.5353	0.7237	0.2370
fishcatch		0.8125	0.0625	0.8486	0.7659	0.1160
flags		0.4500	0.1375	0.2081	0.2768	0.3593
fonts		0.4668	0.0070	0.1459	0.4331	0.3636
fonts10%		0.2320	0.0100	0.0635	0.2099	0.7112
forest		0.7500	0.1250	0.7325	0.6571	0.3421
gas		0.9421	0.0193	0.9388	0.9298	0.0885
gastrointestinal		0.6562	0.2292	0.5957	0.4319	0.4982
gender		0.5547	0.2968	0.3497	0.0832	0.5330
gene		0.8107	0.1262	0.7973	0.6995	0.3984
german		0.6850	0.3150	0.6352	0.2564	0.8387
gestures		0.6575	0.1712	0.6689	0.5435	0.4835
gina		0.7738	0.2262	0.7737	0.5471	0.7094
gisette		0.9178	0.0712	0.9287	0.8478	0.3436
glass		0.7619	0.0794	0.6405	0.6650	0.2044
glass-g2		0.8125	0.1875	0.8091	0.6129	0.5574
glassBWFP		0.8810	0.1190	0.8750	0.7388	0.4053
glassBWNFP		0.8333	0.1667	0.8209	0.6333	0.5922
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9773	0.0227	0.9241	0.8226	0.2642
glassVWFP		0.9286	0.0714	0.6614	0.2970	0.5807
GlaucomaM		0.7895	0.2105	0.7933	0.5730	0.6420

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.7000	0.1500	0.5903	0.5898	0.1226
glioma-grade		0.8393	0.1607	0.8384	0.6737	0.5773
green		0.6500	0.3500	0.6096	0.2053	0.8407
grub-damage		0.4333	0.2833	0.4552	0.2484	0.5083
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7667	0.2333	0.6882	0.3550	0.7266
hapt		0.9231	0.0128	0.7352	0.9094	0.1286
har		0.9067	0.0373	0.9024	0.8820	0.1822
har70		0.7227	0.0792	0.4642	0.6223	0.2991
har701%		0.7002	0.0857	0.4534	0.5953	0.3073
har7010%		0.7268	0.0781	0.4672	0.6278	0.2980
harth		0.6085	0.0652	0.2751	0.4866	0.3279
harth1%		0.6069	0.0655	0.2698	0.4872	0.3236
harth10%		0.6069	0.0655	0.2738	0.4845	0.3282
hayes-roth		0.6562	0.2292	0.7307	0.4647	0.3138
hcc-survival		0.5588	0.4412	0.5990	0.1688	0.8445
health-activity		0.7500	0.1250	0.2143	-0.0305	0.3328
heart		0.7593	0.2407	0.7577	0.5115	0.7281
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.8333	0.1667	0.8350	0.6622	0.5680
heart-failure		0.9100	0.0900	0.8939	0.7809	0.3741
heart-quantum		0.8400	0.1600	0.8333	0.6667	0.5927
hepatitis		0.8000	0.2000	0.7804	0.5139	0.5753
hepmass		0.8513	0.1487	0.8515	0.7025	0.5561
hepmass1%		0.8478	0.1522	0.8482	0.6957	0.5631
hepmass10%		0.8474	0.1526	0.8476	0.6948	0.5650
hERG-121inputs		0.7857	0.2143	0.7996	0.5249	0.4214
hERG-64inputs		0.9286	0.0714	0.9125	0.7941	0.1572
hERG-9inputs		0.9615	0.0385	0.9449	0.8774	0.1046
higgs		0.6987	0.3013	0.6972	0.3943	0.8234
higgs0.1%		0.7005	0.2995	0.6993	0.3986	0.8211
higgs1%		0.6953	0.3047	0.6943	0.3886	0.8275
higgs10%		0.7001	0.2999	0.6991	0.3982	0.8215
higher		0.1071	0.2232	0.0858	-0.0512	0.4421
hinselmann		0.9000	0.1000	0.8824	0.7368	0.4644
hitters		0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa		0.9064	0.0936	0.8222	0.6367	0.4982
hiva		0.8806	0.1194	0.5491	0.0804	0.4819
horse		0.5833	0.2778	0.5444	0.2730	0.6016
hotel-reservartions		0.8465	0.1535	0.8219	0.6413	0.5873
hr		0.8316	0.1684	0.4540	-0.0541	0.7324
ht-sensor		0.7385	0.1744	0.7486	0.6047	0.4627
ht-sensor10%		0.7240	0.1840	0.7362	0.5821	0.4746
htru2		0.9791	0.0209	0.9345	0.8666	0.2034
hypothyroid		0.9655	0.0172	0.6478	0.7967	0.2001
hypothyroidT		0.9509	0.0491	0.8694	0.7189	0.5106
ilpd		0.6610	0.3390	0.5726	0.1442	0.8926
immuno-therapy		0.6667	0.3333	0.4975	0.0040	0.8647
instagram		0.9640	0.0180	0.9651	0.9520	0.0666
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.4769	0.0402	0.4812	0.4560	0.4241
jm1		0.8081	0.1919	0.5953	0.0984	0.5888
jvowels		0.6802	0.0711	0.6860	0.6375	0.2993
kc1		0.8483	0.1517	0.6600	0.2727	0.6314
kc1-class-level-defectiveornot		0.7333	0.2667	0.7485	0.4699	0.6579

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.4286	0.0476	0.0320	0.1788	0.1361
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7404	0.2596	0.5989	0.1872	0.7982
kdc-4007		0.4077	0.1481	0.3991	0.3484	0.3992
kddcup981%		0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%		0.8588	0.1332	0.4939	-0.0032	0.5495
kddcup99		0.9987	0.0001	0.4424	0.9977	0.0243
kddcup991%		0.9986	0.0001	0.4664	0.9976	0.0094
kddcup9910%		0.9884	0.0010	0.5221	0.9805	0.1042
kepler		0.8828	0.0781	0.8410	0.8068	0.2149
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9875	0.0125	0.9872	0.9737	0.0799
krkopt		0.2820	0.0798	0.1919	0.2021	0.6166
krvskp		0.9655	0.0345	0.9667	0.9311	0.1690
la1s-wc		0.5952	0.1349	0.5959	0.5041	0.4960
la2s-wc		0.5960	0.1347	0.5906	0.5071	0.4775
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7794	0.0110	0.4570	0.7694	0.0383
led24		0.3000	0.1400	0.2640	0.2223	0.3055
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.4260	0.0442	0.4336	0.4028	0.4700
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.5972	0.0537	0.5960	0.5676	0.1835
linkage		0.9995	0.0005	0.9666	0.9326	0.2011
linkage1%		0.9991	0.0009	0.9418	0.8833	0.2702
linkage10%		0.9996	0.0004	0.9743	0.9481	0.1801
liver		0.7500	0.2500	0.7055	0.4081	0.7750
loan		0.9836	0.0164	0.9825	0.9650	0.1089
localization		0.4198	0.1055	0.2423	0.2947	0.5299
localization10%		0.4020	0.1087	0.2166	0.2704	0.5412
lrs		0.6792	0.0642	0.3261	0.5644	0.2452
lung		0.8810	0.0476	0.7866	0.7712	0.1233
lung_discrete		0.6250	0.1071	0.4221	0.5385	0.1194
lung-cancer		0.5000	0.3333	0.3690	0.2500	0.2964
lung-cancer-harvard1		0.9000	0.0400	0.8125	0.8049	0.1056
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.7768	0.5385	0.5814
lymphography		0.7143	0.1429	0.5949	0.5448	0.2424
lymphoma2		0.7778	0.0494	0.5073	0.7273	0.0980
machine-failure		0.8830	0.1170	0.8800	0.7599	0.4864
madelon		0.5231	0.4769	0.5231	0.0462	0.9857
magic04		0.8672	0.1328	0.8521	0.6945	0.4924
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8326	0.6649	0.5972
marketing		0.8929	0.1071	0.7531	0.4666	0.5083
maternal		0.6436	0.2376	0.6605	0.4507	0.5326
math		0.5750	0.2125	0.5215	0.3779	0.4930
mba		0.8306	0.1129	0.3924	0.1258	0.3600
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2100	0.3160	0.2098	0.0117	0.8699
messidor		0.6261	0.3739	0.6247	0.2478	0.8982
meter-A		0.6250	0.3750	0.6766	0.2917	0.6985
meter-B		0.9444	0.0370	0.9553	0.9118	0.0685
meter-C		0.8889	0.0556	0.8033	0.8440	0.0933
meter-D		0.6944	0.1528	0.6554	0.5824	0.2682

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
mfeat-fac			0.6675	0.0665	0.6588	0.6306	0.3103
mfeat-fou			0.6050	0.0790	0.6085	0.5611	0.3285
mfeat-kar			0.7250	0.0550	0.7241	0.6944	0.2438
mfeat-mor			0.5625	0.0875	0.5513	0.5139	0.2749
mfeat-pix			0.5825	0.0835	0.5834	0.5361	0.3721
mfeat-zer			0.5500	0.0900	0.5583	0.5000	0.3280
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.9811	0.0126	0.9789	0.9711	0.0537
mines			0.4265	0.2294	0.4470	0.2835	0.4526
mobile			0.3444	0.0234	0.3580	0.3325	0.3063
monks-1			1.0000	0.0000	1.0000	1.0000	0.0000
monks-2			0.7295	0.2705	0.6880	0.3689	0.7938
monks-3			0.9732	0.0268	0.9733	0.9463	0.1536
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4878	0.0931	0.5169	0.3834	0.5519
musk			0.9735	0.0265	0.9479	0.8936	0.1822
MUT_ci300400a_cdk_ECFP2			0.7722	0.2278	0.7647	0.5286	0.7185
MUT_ci300400a_cdk_ECFP4			0.7222	0.2778	0.7165	0.4327	0.7937
MUT_ci300400a_cdk_ECFP6			0.6814	0.3186	0.6714	0.3426	0.8492
MUT_ci300400a_cdk_ESTATE			0.7530	0.2470	0.7449	0.4896	0.7512
MUT_ci300400a_cdk_EXTENDED			0.7758	0.2242	0.7692	0.5384	0.7141
MUT_ci300400a_cdk_FCFP2			0.7868	0.2132	0.7801	0.5601	0.6948
MUT_ci300400a_cdk_FCFP4			0.7686	0.2314	0.7602	0.5196	0.7248
MUT_ci300400a_cdk_FCFP6			0.7110	0.2890	0.7043	0.4084	0.8100
MUT_ci300400a_cdk_MACCS			0.8135	0.1865	0.8067	0.6114	0.6379
MUT_ci300400a_cdk_PUBCHEM			0.8252	0.1749	0.8193	0.6383	0.6197
MUT_ci300400a_cdk_STANDARD			0.7665	0.2335	0.7593	0.5184	0.7296
MUT_ci300400a_rdkit_descriptors			0.8214	0.1786	0.8165	0.6322	0.6245
myocardial			0.7353	0.0662	0.2936	0.3119	0.4658
naticusdroid			0.9587	0.0413	0.9589	0.9175	0.2277
NCI60			0.8333	0.0556	0.7895	0.8000	0.0530
nci9			0.6667	0.0741	0.4222	0.6129	0.0729
ncRNA			0.7541	0.0259	0.2246	0.4805	0.4883
ncRNA1%			0.7454	0.0268	0.2171	0.4636	0.4544
ncRNA10%			0.7510	0.0262	0.2336	0.4778	0.4975
neo			0.9104	0.0896	0.6661	0.2282	0.4526
new-thyroid			0.9286	0.0476	0.8993	0.8375	0.1616
new-thyroidT			0.9762	0.0238	0.9605	0.9146	0.2005
new3s-wc			0.5947	0.0185	0.5833	0.5814	0.2916
newspop			0.6579	0.3421	0.6552	0.3096	0.8711
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9544	0.0456	0.9442	0.8883	0.2800
NPHA-doctor-visits			0.4514	0.3657	0.3591	0.0060	0.7408
nursery			0.9429	0.0228	0.6471	0.9156	0.0792
obesity			0.9005	0.0284	0.9001	0.8837	0.1275
obs			0.8519	0.0741	0.8457	0.7858	0.2390
occupancy			0.9895	0.0105	0.9857	0.9710	0.1215
Occupancy_Estimation			0.9921	0.0039	0.9724	0.9759	0.0238
oh0-wc			0.5941	0.0812	0.5693	0.5322	0.2988
oh10-wc			0.4429	0.1114	0.4316	0.3706	0.4716
oh15-wc			0.4457	0.1109	0.4266	0.3765	0.4678
oh5-wc			0.5055	0.0989	0.4953	0.4402	0.4065
ohscal-wc			0.2478	0.1504	0.2286	0.1584	0.7742
olive			0.8947	0.0234	0.8753	0.8695	0.1045
opn310k			0.9095	0.0905	0.6066	0.0225	0.2625
opn310k10%			0.9004	0.0996	0.5328	0.0411	0.5947
opnat310k-hg16-17			0.9100	0.0900	0.6331	0.0280	0.2446

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
optdigits			0.7037	0.0593	0.7108	0.6709	0.2702
optdigitsZ			0.9956	0.0044	0.9862	0.9719	0.0211
orl			0.5625	0.0219	0.5346	0.5513	0.0859
orlraws10P			0.6000	0.0800	0.5545	0.5556	0.1103
ovarian-cancer			0.9941	0.0000	0.9876	0.9979	0.0000
ozone1hr			0.9625	0.0375	0.4904	-0.0036	0.2710
ozone8hr			0.8972	0.1028	0.5630	0.1147	0.6717
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7345	0.2655	0.7086	0.4166	0.7877
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8056	0.1944	0.8091	0.6121	0.6160
p53-mutants10%			0.9804	0.0080	0.5020	-0.0024	0.1706
page-blocks			0.9360	0.0256	0.6781	0.6940	0.1740
parkinson			0.9792	0.0208	0.9785	0.9570	0.1411
parkinsons			0.9147	0.0853	0.9090	0.8179	0.3968
parkinsons-small			0.9474	0.0526	0.9399	0.8725	0.3145
particle			0.9180	0.0820	0.8978	0.7956	0.4181
particle10%			0.9165	0.0835	0.8958	0.7911	0.4197
pasture			0.2500	0.5000	0.1500	-0.2667	0.5890
pc1			0.9189	0.0811	0.5348	0.0660	0.5701
pcmac			0.4948	0.5052	0.4896	-0.0207	0.9923
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8355	0.1645	0.7794	0.5586	0.6429
pediatric-leukemia			0.6029	0.1134	0.5248	0.5215	0.2222
pendigits			0.7793	0.0441	0.7843	0.7546	0.2106
period			0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f			0.3889	0.6111	0.3246	-0.3247	0.9907
persistency			0.8076	0.1924	0.7911	0.5783	0.6532
personalities			0.9102	0.0112	0.9103	0.9042	0.1409
pet-adoption			0.9350	0.0650	0.9259	0.8489	0.3030
phishing			0.9592	0.0408	0.9571	0.9137	0.2208
PhiUSIIL			0.9999	0.0001	0.9999	0.9997	0.0015
PhiUSIIL10%			0.9983	0.0017	0.9983	0.9965	0.0164
phone-acc			0.7372	0.0751	0.7133	0.6916	0.2531
phone-acc0.1%			0.6581	0.0977	0.6410	0.5995	0.3091
phone-acc1%			0.6559	0.0983	0.6391	0.5971	0.3019
phone-acc10%			0.6481	0.1005	0.6336	0.5877	0.3112
phone-gyr			0.7647	0.0672	0.7513	0.7242	0.2633
phone-gyr0.1%			0.6755	0.0927	0.6617	0.6193	0.3162
phone-gyr1%			0.6834	0.0905	0.6697	0.6286	0.3046
phone-gyr10%			0.6830	0.0906	0.6692	0.6282	0.3019
phoneme			0.8435	0.1565	0.8021	0.6025	0.6166
phy			0.7166	0.2834	0.7166	0.4332	0.7988
pima			0.7105	0.2895	0.6873	0.3529	0.7766
pirvision			0.9824	0.0118	0.9687	0.9434	0.0902
placement			0.7930	0.2070	0.7864	0.5722	0.6820
plant-growth			0.5789	0.4211	0.5843	0.1648	0.9308
plrx			0.5833	0.4167	0.5519	0.0791	0.8372
poker			0.5132	0.0974	0.1141	0.0986	0.2603
poker1%			0.5234	0.0953	0.1292	0.1140	0.2674
poker10%			0.5084	0.0983	0.1177	0.0887	0.2616
polish-1st			0.9630	0.0370	0.5961	0.1869	0.3013
polish-2nd			0.9607	0.0393	0.5663	0.1083	0.2866
polish-3rd			0.9467	0.0533	0.5376	0.0706	0.4966
polish-4th			0.9480	0.0520	0.6299	0.1936	0.4191
polish-5th			0.9374	0.0626	0.7008	0.3623	0.5150
polya			0.7681	0.2319	0.7414	0.4796	0.7348
popularity			0.6741	0.2172	0.4415	0.2281	0.4713
post-operative			0.1667	0.5556	0.0939	-0.6648	0.4794
postures			0.7707	0.0917	0.7831	0.7136	0.2836

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pred-tox_mutagen_ref-desc			0.6838	0.3162	0.6873	0.3676	0.8163
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.2576	0.0675	0.1443	0.1976	0.2389
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.7836	0.2164	0.7562	0.5123	0.7200
promoters			0.7000	0.3000	0.6784	0.3478	0.8165
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8701	0.0520	0.8101	0.8261	0.2009
puc-rio10%			0.8862	0.0455	0.8250	0.8476	0.1850
pufs-128			0.5013	0.4987	0.5013	0.0025	0.9993
pufs-1281%			0.5029	0.4971	0.5029	0.0058	0.9983
pufs-12810%			0.4993	0.5007	0.4993	-0.0013	1.0000
pufs-64			0.5044	0.4956	0.5043	0.0087	0.9975
pufs-641%			0.5104	0.4896	0.5104	0.0208	0.9940
pufs-6410%			0.4993	0.5007	0.4993	-0.0013	1.0000
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%			0.1315	0.0328	0.0540	0.0917	0.5681
re0-wc			0.4133	0.0903	0.4356	0.3325	0.5451
re1-wc			0.3464	0.0523	0.2714	0.2979	0.4526
rejafada			0.9726	0.0176	0.7455	0.5000	0.0520
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.5880	0.0127	0.2224	0.4536	0.4099
rice			0.9857	0.0143	0.9856	0.9711	0.0960
rnaseq			0.9759	0.0051	1.0000	0.9926	0.0184
rocket			0.6640	0.3360	0.6451	0.2876	0.8697
RT_IOT2022			0.9887	0.0019	0.8596	0.9717	0.0276
satimage			0.7768	0.0744	0.7474	0.7277	0.2837
satimageF			0.9876	0.0124	0.9675	0.9346	0.1370
satimageT			0.9176	0.0824	0.7403	0.4655	0.5601
scadi			0.4286	0.1633	0.2594	0.2702	0.1791
schiller			0.7222	0.2778	0.6368	0.2695	0.7927
schizo			0.4853	0.5147	0.4826	-0.0294	0.9908
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8526	0.1474	0.5020	0.0042	0.6252
secondary_mushroom			0.9958	0.0042	0.9958	0.9916	0.0373
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8745	0.0359	0.8927	0.8537	0.1195
segmentation			0.8119	0.1881	0.7927	0.5848	0.6599
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9322	0.0678	0.4824	-0.0037	0.2820
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8645	0.1355	0.5408	0.0205	0.4720
sens-10-gram			0.8346	0.1654	0.5728	0.1366	0.7528
sens-2-gram			0.8632	0.1368	0.6021	0.1483	0.6258
sens-3-gram			0.7816	0.2184	0.5750	0.1454	0.7469
sens-4-gram			0.7145	0.2855	0.5422	0.0780	0.7130
sens-5-gram			0.7013	0.2987	0.5582	0.1034	0.6925
sens-6-gram			0.7658	0.2342	0.5602	0.1174	0.7463
sens-7-gram			0.8000	0.2000	0.5131	0.0256	0.7882
sens-8-gram			0.8026	0.1974	0.5411	0.0818	0.7781
sens-9-gram			0.8079	0.1921	0.5370	0.0729	0.7802
sensorless			0.6405	0.0654	0.6477	0.6046	0.2955
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8970	0.1030	0.7866	0.5667	0.5615
shuttle			0.9930	0.0020	0.6125	0.9803	0.0921
sick			0.9668	0.0332	0.8524	0.6948	0.3437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9738	0.0262	0.9628	0.9234	0.2419
skin10%			0.9665	0.0335	0.9527	0.9029	0.2786
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2200	0.3900	0.2172	-0.0406	0.8360
smk_can_187			0.8421	0.1579	0.8427	0.6816	0.5635
smoking			0.7628	0.2372	0.7519	0.5018	0.7358
soil_pollution			0.2367	0.3053	0.2381	0.0447	0.8427
solar-flare			0.7338	0.0887	0.6620	0.6602	0.1969
sonar			0.6500	0.3500	0.6508	0.3000	0.8546
soybean			0.9265	0.0077	0.8987	0.9193	0.0396
spam-detection			0.9560	0.0440	0.8598	0.7158	0.3999
spambase			0.9065	0.0935	0.9019	0.8029	0.4131
spect			0.6667	0.3333	0.5959	0.1843	0.8109
spectf			0.7714	0.2286	0.7390	0.4731	0.7308
spectrometer			0.2075	0.0330	0.0815	0.1747	0.2105
splice-EI			0.9243	0.0757	0.9056	0.8088	0.3939
splice-IE			0.8817	0.1183	0.8443	0.6864	0.5537
sport-articles			0.8050	0.1950	0.7892	0.5779	0.6690
squash-stored			0.7000	0.2000	0.7634	0.5312	0.2929
squash-unstored			0.6000	0.2667	0.3803	0.3316	0.2191
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8469	0.1021	0.8135	0.7523	0.3139
steel-b			0.8692	0.1308	0.7984	0.5957	0.6033
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9872	0.0128	0.9802	0.9602	0.0867
steel-o			0.7897	0.2103	0.7632	0.5227	0.6959
steel-p			0.9333	0.0667	0.7482	0.4840	0.5404
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9769	0.0231	0.9392	0.8762	0.3281
stellar			0.9652	0.0232	0.9601	0.9381	0.1247
stock			0.8889	0.1111	0.8123	0.6245	0.5810
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9820	0.0180	0.9818	0.9636	0.1223
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6100	0.1560	0.3424	0.3684	0.4498
student-depression			0.8319	0.1681	0.8255	0.6487	0.5984
student-habits			0.3700	0.2520	0.2182	0.0300	0.6341
student-weekend			0.3000	0.2800	0.2479	0.0780	0.7646
student-workday			0.5234	0.1906	0.1844	0.0329	0.7181
studentap			0.4615	0.3590	0.4646	0.1725	0.6309
susy			0.7954	0.2050	0.7974	0.5798	0.6590
susy1%			0.7983	0.2017	0.7972	0.5894	0.6539
susy10%			0.7959	0.2041	0.7948	0.5844	0.6576
swarm_aligned			0.9969	0.0008	0.9949	0.9944	0.0081
swarm_flocking			0.9930	0.0004	0.9973	0.9918	0.0042
swarm_grouped			0.9928	0.0000	0.9924	0.9886	0.0000
tae			0.4333	0.3778	0.4492	0.1500	0.6485
telco-churn			0.9261	0.0739	0.9036	0.8060	0.3811
texture			0.8036	0.0357	0.8115	0.7842	0.1550
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7660	0.2340	0.5107	0.0207	0.8043
thrombin			0.9293	0.0707	0.5502	0.0583	0.1968
Thyroid_Diff			0.9342	0.0658	0.9194	0.8338	0.2774
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8059	0.1941	0.7483	0.4952	0.7088
tis10%			0.7463	0.2537	0.6897	0.3689	0.7526
titanic			0.8227	0.1773	0.7975	0.5323	0.4396

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tourist			0.6250	0.1250	0.2928	0.4372	0.1117
tox_171			0.8824	0.0588	0.9071	0.8439	0.1166
toxicity			0.5588	0.4412	0.5083	0.0163	0.9628
toxicity-13f			0.7353	0.2647	0.7005	0.3640	0.6311
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7133	0.2867	0.5630	0.1221	0.8617
trec11-wc			0.5610	0.0976	0.4978	0.4829	0.3095
trec12-wc			0.6129	0.0968	0.6499	0.5520	0.2377
trec21-wc			0.7424	0.0859	0.3943	0.5602	0.2142
trec23-wc			0.6429	0.1190	0.6164	0.5210	0.3283
trec31-wc			0.6774	0.0922	0.5739	0.6082	0.2978
trec41-wc			0.6364	0.0727	0.6189	0.5748	0.2931
trec45-wc			0.5435	0.0913	0.5088	0.4795	0.3396
tuandromd			0.9798	0.0202	0.9684	0.9366	0.1558
turkish			0.5375	0.2313	0.5429	0.3833	0.5258
tvnews			0.9071	0.0929	0.8993	0.7979	0.4197
tvnews1%			0.7269	0.2731	0.7073	0.4130	0.7637
tvnews10%			0.8809	0.1191	0.8713	0.7424	0.4986
ur3_cobotops_grip			0.9660	0.0340	0.4913	-0.0026	0.2839
ur3_cobotops_stop			0.9673	0.0327	0.7101	0.1941	0.0984
urban			0.5597	0.0978	0.5824	0.5038	0.3274
urinalysis			0.9510	0.0490	0.7274	0.4373	0.5211
ustilago1%			0.9886	0.0114	0.4935	-0.0028	0.4370
ustilago10%			0.9674	0.0268	0.5402	0.0737	0.4897
vehicle			0.7738	0.1131	0.7458	0.6958	0.2266
vehicleVAN			0.9881	0.0119	0.9841	0.9683	0.0919
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9070	0.0930	0.9075	0.8141	0.4030
vowel			0.4293	0.1038	0.4506	0.3722	0.3180
vowelZ			0.9242	0.0758	0.8220	0.6252	0.5665
vrnormat310k-hg16-17			0.9156	0.0844	0.6615	0.2070	0.4251
wap-wc			0.5192	0.0481	0.4048	0.4810	0.3303
warpar10p			0.7308	0.0538	0.7343	0.7045	0.0700
warppie10p			0.8333	0.0333	0.8613	0.8149	0.0831
watch-acc			0.7587	0.0690	0.7514	0.7176	0.2736
watch-acc1%			0.6521	0.0994	0.6542	0.5946	0.3251
watch-acc10%			0.6528	0.0992	0.6532	0.5952	0.3207
watch-gyr			0.7717	0.0652	0.7661	0.7333	0.2402
watch-gyr1%			0.6597	0.0972	0.6641	0.6036	0.3033
watch-gyr10%			0.6598	0.0972	0.6632	0.6037	0.2989
water_pollution			0.2433	0.3783	0.2465	-0.0096	0.8600
waveform			0.7500	0.1667	0.7568	0.6247	0.4676
weather-related			0.9404	0.0108	0.9346	0.9324	0.0789
web-phishing			0.8259	0.1160	0.6905	0.6841	0.4008
Weekly			0.9722	0.0278	0.9728	0.9441	0.1529
weight-lift			0.8304	0.0678	0.8283	0.7850	0.2268
white-clover			0.5833	0.2083	0.3125	0.2000	0.2820
wifi-loc			0.9825	0.0088	0.9827	0.9767	0.0362
wilt			0.9814	0.0186	0.8995	0.7966	0.3384
wine			0.9118	0.0588	0.9154	0.8542	0.2203
winequality-red			0.5943	0.1352	0.2854	0.3453	0.4240
winequality-white			0.4427	0.1592	0.2256	0.1663	0.4297
winnipeg			0.9793	0.0059	0.9338	0.9739	0.0669
winnipeg10%			0.9911	0.0025	0.9871	0.9887	0.0201
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.4688	0.0708	0.4486	0.4310	0.1462
yeast			0.5034	0.0993	0.3264	0.3520	0.4070
yeastCYT-POX			0.9796	0.0204	0.8697	0.7394	0.2849

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9595	0.0405	0.7080	0.3190	0.2853
zip			0.7022	0.0596	0.6922	0.6663	0.3071

Table 113: Detailed results for LWL

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1583	0.0580	0.0875	0.0796	0.6071
abalone19		0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9734	0.0266	0.6237	0.2473	0.5790
accident		0.7000	0.3000	0.7000	0.4000	0.8211
ads		0.9238	0.0762	0.8247	0.6179	0.3677
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8492	0.1508	0.4592	-0.0794	0.7334
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7333	0.2667	0.5101	0.0200	0.8448
AID_602330		0.9427	0.0573	0.6189	0.2370	0.6249
AID_652128		0.8889	0.0741	0.6824	0.4550	0.5033
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.6944	0.3056	0.5563	0.1000	0.7073
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.8571	0.1429	0.8250	0.5882	0.5283
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.8000	0.2000	0.7463	0.4737	0.6644
AID644red		0.7500	0.2500	0.6891	0.3750	0.7858
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
aids		0.8357	0.1643	0.8212	0.6171	0.5886
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.7442	0.2558	0.7369	0.4673	0.7504
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		0.9730	0.0270	0.9599	0.9165	0.2605
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9930	0.0035	0.9781	0.9867	0.0197
anuran-genus		0.9903	0.0024	0.9765	0.9839	0.0219
anuran-species		0.9903	0.0019	0.9829	0.9865	0.0204
anxiety		0.0500	0.2111	0.0367	-0.0747	0.7030
apple-quality		0.7225	0.2775	0.7246	0.4450	0.7797
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia		0.5778	0.0650	0.4274	0.3468	0.2955
auction		0.9657	0.0343	0.9196	0.8257	0.1098
audiology		0.7391	0.0217	0.3026	0.6967	0.0633
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.9857	0.0143	0.9820	0.9633	0.0649
autism-child		0.9655	0.0345	0.9665	0.9308	0.1598
autos		0.9000	0.0333	0.7526	0.8667	0.0771
avila		0.8706	0.0216	0.8836	0.8322	0.2391
babies		0.5081	0.1406	0.2419	0.2168	0.3460
balance		0.9032	0.0645	0.6333	0.8220	0.2140
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.7903	0.2097	0.7677	0.5057	0.6215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
basehock		0.7035	0.2965	0.7506	0.4087	0.5360
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8190	0.1810	0.8115	0.6218	0.6377
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9691	0.0021	0.0339	0.0015	0.4265
body-perf		0.4351	0.2825	0.3851	0.2468	0.5415
brain-tumor		0.5015	0.4985	0.5017	0.0033	0.9974
breast-cancer		0.6071	0.3929	0.5363	0.0723	0.9102
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.3636	0.6364	0.3446	-0.3051	1.0000
breast-tissue		0.7273	0.0909	0.7081	0.6667	0.1559
bridges		0.7000	0.0857	0.5073	0.5946	0.1534
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.3200	0.0012	0.3725
car		0.9368	0.0316	0.8922	0.8695	0.2261
car-insurance		0.8030	0.1970	0.7816	0.5599	0.6809
card		0.8261	0.1739	0.8216	0.6431	0.6189
cardiotocography		0.7934	0.0413	0.7652	0.7514	0.2359
cardiotocography-nsp		0.9061	0.0626	0.8093	0.7255	0.2629
cardiovascular		0.7118	0.2882	0.7155	0.4236	0.7859
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8000	0.1333	0.7887	0.6417	0.3542
cas_N6512_rdkit_ATOMPAIR		0.5938	0.4062	0.6165	0.2099	0.8585
cas_N6512_RDkit_AtomPair_FP		0.5936	0.4064	0.6219	0.2127	0.8360
cas_N6512_rdkit_AVALON		0.5914	0.4086	0.6455	0.2193	0.7294
cas_N6512_RDkit_Avalon_FP		0.5905	0.4095	0.6470	0.2178	0.7187
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.6098	0.3902	0.6545	0.2504	0.7517
cas_N6512_RDkit_Featmorgan_FP		0.5598	0.4402	0.6226	0.1637	0.7169
cas_N6512_RDkit_FP		0.6396	0.3604	0.6432	0.2832	0.8796
cas_N6512_rdkit_LAYERED		0.6277	0.3723	0.6544	0.2764	0.8082
cas_N6512_RDkit_Layered_FP		0.6089	0.3911	0.6335	0.2396	0.8363
cas_N6512_rdkit_MACCS		0.6129	0.3871	0.6505	0.2536	0.7791
cas_N6512_RDkit_MACCS_FP		0.6304	0.3696	0.6800	0.2898	0.7033
cas_N6512_rdkit_MORGAN		0.5831	0.4169	0.6461	0.2060	0.6971
cas_N6512_RDkit_morgan_FP		0.5552	0.4448	0.6214	0.1563	0.7053
cas_N6512_rdkit_PATTERN		0.6615	0.3385	0.6577	0.3138	0.8664
cas_N6512_rdkit_RDKITFP		0.6160	0.3840	0.6249	0.2420	0.8871
cas_N6512_rdkit_TORSION		0.5985	0.4015	0.6415	0.2283	0.7698
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9186	0.0814	0.6613	0.3205	0.6437
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9302	0.0698	0.6067	0.2134	0.6362
cervical-S		0.9070	0.0930	0.6589	0.2893	0.6085
children-anemia		0.6849	0.1575	0.4215	0.5211	0.1847
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9987	0.0013	0.7689	0.5211	0.5321
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7970	0.2030	0.6445	0.0078	0.3556
churn-bigml		0.9101	0.0899	0.8009	0.5870	0.4953
ci900367j_MACCS		0.7053	0.2947	0.7029	0.3998	0.7987

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4587	0.3710	0.4457
cjs		0.9857	0.0048	0.9815	0.9826	0.0277
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8083	0.0958	0.6913	0.6920	0.2962
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5000	0.3333	0.6111	0.2174	0.4138
cm1		0.8600	0.1400	0.6439	0.2857	0.6956
cmc		0.5170	0.3220	0.4991	0.2499	0.7360
cnae-9		0.5278	0.1049	0.5936	0.4688	0.2379
codon_usage		0.4520	0.0996	0.1795	0.3081	0.2794
coil20		0.6667	0.0333	0.6487	0.6491	0.1245
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.6800	0.0427	0.6270	0.6433	0.1631
colon-tumor		0.3333	0.6667	0.2500	-0.5000	1.0000
colposcopies-1		0.7931	0.2069	0.7632	0.5193	0.6844
colposcopies-2		0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3		0.6552	0.3448	0.6372	0.2714	0.8780
colposcopies-4		0.6552	0.3448	0.6009	0.1989	0.8605
colposcopies-5		0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6		0.6207	0.3793	0.6196	0.2387	0.9091
colposcopies-c		0.7241	0.2759	0.5383	0.0645	0.8394
column-2c		0.8065	0.1935	0.7786	0.5571	0.6825
column-3c		0.7419	0.1720	0.6778	0.5867	0.3881
cottonmeloidogyne		0.6370	0.3630	0.6380	0.2729	0.8859
coupon		0.4314	0.5686	0.3014	0.0000	0.5291
covtypeCD		0.9076	0.0924	0.7763	0.4705	0.3300
covtypeT		0.9416	0.0584	0.7350	0.4490	0.5172
crabs		0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.7548	0.0817	0.2521	0.4318	0.2451
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1250	0.0437	0.0933	0.1013	0.1424
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1800	0.2733	0.1727	0.0065	0.6832
cyclopentane		0.5556	0.4444	0.5364	0.0690	0.9556
cylinder-bands		0.7778	0.2222	0.7872	0.5604	0.6642
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8253	0.1747	0.7118	0.3883	0.6382
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4099	0.2000	0.4997
dexter		0.6833	0.3167	0.7397	0.3667	0.4944
df_final		0.7500	0.1667	0.7711	0.6049	0.2540
DIA		0.7333	0.2667	0.6124	0.2195	0.8321
diabetes		0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-risk		0.8545	0.1455	0.7862	0.5714	0.6420
diabetic1%		0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%		0.5530	0.2980	0.3700	0.1497	0.5475
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.7667	0.1167	0.6288	0.6693	0.1656
diamonds_all		0.6007	0.1597	0.2862	0.3988	0.3212
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.6667	0.3333	0.6543	0.2500	0.7414
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9304	0.0696	0.7832	0.5623	0.5389
dota210%		0.5369	0.4631	0.5573	0.0234	0.6156
dropout		0.6614	0.2257	0.6003	0.4477	0.6193
drug-01		0.2872	0.2036	0.1562	-0.0055	0.8012
drug-02		0.4096	0.1687	0.2130	0.1100	0.7836
drug-03		0.5532	0.1277	0.1730	0.0942	0.6588
drug-04		0.4255	0.1641	0.2404	0.1420	0.8174
drug-05		0.6223	0.1079	0.1473	0.0457	0.8798
drug-06		0.2872	0.2036	0.2173	0.1339	0.7413
drug-07		0.2819	0.2052	0.1091	-0.0923	0.6634
drug-08		0.4521	0.1565	0.1823	0.1292	0.8168
drug-09		0.7713	0.0654	0.1361	-0.0190	0.6266
drug-10		0.4521	0.1565	0.1831	0.0996	0.7865
drug-11		0.7074	0.0836	0.1586	0.0258	0.7119
drug-12		0.6862	0.0897	0.2266	0.0548	0.6602
drug-13		0.5426	0.1307	0.1676	0.2019	0.7246
drug-14		0.5053	0.1413	0.2607	0.2505	0.7192
drug-15		0.6277	0.1064	0.1649	0.1145	0.8677
drug-16		0.4894	0.1459	0.2239	0.2068	0.7176
drug-17		0.3191	0.1945	0.2152	0.1257	0.8050
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.6702	0.0942	0.1596	0.0848	0.7453
drybean		0.9133	0.0248	0.9292	0.8951	0.1375
ecoli		0.7647	0.0588	0.4417	0.6707	0.1517
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.3100	0.3450	0.2743	0.0779	0.7185
eeg-eye		0.9079	0.0921	0.9069	0.8137	0.4109
eeg10%		0.2014	0.0998	0.0412	0.0873	0.4027
eucalyptus		0.5342	0.1863	0.4994	0.3936	0.4975
euthyroid		0.9557	0.0443	0.8658	0.7260	0.3735
fakenews		0.5425	0.4575	0.5424	0.0848	0.9736
fbis-wc		0.3577	0.0756	0.0669	0.2049	0.2971
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.4902	0.5098	0.4530	-0.0798	0.9834
financial-risk		0.6335	0.1222	0.2168	0.3235	0.2218
fishcatch		0.8125	0.0625	0.6236	0.7513	0.0899
flags		0.5000	0.1250	0.2692	0.3671	0.3247
forest		0.8654	0.0673	0.8708	0.8137	0.1650
gas		0.3918	0.2027	0.1993	0.2258	0.3144
gastrointestinal		0.6250	0.2500	0.4710	0.3684	0.3556
gender		0.5432	0.3046	0.4109	0.1470	0.7496
gene		0.8013	0.1325	0.7938	0.6858	0.4456
german		0.6800	0.3200	0.6206	0.2252	0.8466
gestures		0.4598	0.2701	0.3529	0.2811	0.3484
gina		0.7810	0.2190	0.7817	0.5610	0.6918
glass		0.8095	0.0635	0.7398	0.7325	0.1864
glass-g2		0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP		0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP		0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM			0.7895	0.2105	0.7978	0.5824	0.6422
gli_85			1.0000	0.0000	1.0000	1.0000	0.0000
glioma			0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade			0.8571	0.1429	0.8531	0.7061	0.5505
green			0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage			0.4667	0.2667	0.4939	0.2771	0.5239
gsalc			0.6667	0.1111	0.7768	0.6087	0.1701
haberman			0.7000	0.3000	0.5682	0.1290	0.8673
har			0.1840	0.3264	0.0622	0.0000	0.3998
har701%			0.9053	0.0271	0.5927	0.8609	0.2453
harth1%			0.6097	0.0651	0.1242	0.4296	0.2151
hayes-roth			0.5625	0.2917	0.6333	0.3171	0.2999
hcc-survival			0.6471	0.3529	0.6237	0.2388	0.8780
health-activity			0.7700	0.1150	0.2175	0.0000	0.1937
heart			0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack			0.8387	0.1613	0.8466	0.6804	0.5410
heart-c			0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure			0.8600	0.1400	0.8323	0.6535	0.5231
heart-quantum			0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis			0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%			0.4958	0.5042	0.3315	0.0000	0.5288
hERG-121inputs			0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-64inputs			0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%			0.5682	0.4318	0.5659	0.1318	0.9554
higher			0.1429	0.2143	0.0952	0.0000	0.4288
hinselmann			0.8000	0.2000	0.4444	0.0000	0.3522
hitters			0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa			0.8651	0.1349	0.7232	0.4115	0.5882
hiva			0.9645	0.0355	0.4910	0.0000	0.1045
horse			0.5833	0.2778	0.4160	0.2094	0.4219
hotel-reservartions			0.7676	0.2324	0.7199	0.4156	0.7042
hr			0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%			0.5308	0.3128	0.5675	0.3112	0.5401
htru2			0.9749	0.0251	0.9228	0.8451	0.2913
hypothyroid			0.9416	0.0292	0.5700	0.6266	0.2187
hypothyroidT			0.9576	0.0424	0.8417	0.6810	0.4398
ilpd			0.6271	0.3729	0.5292	0.0581	0.9209
immuno-therapy			0.8889	0.1111	0.8333	0.6087	0.2605
instagram			0.7880	0.1060	0.8188	0.7173	0.1689
ionosphere			0.9429	0.0571	0.9337	0.8674	0.3191
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.6996	0.0231	0.6868	0.6876	0.1656
jm1			0.7704	0.2296	0.6122	0.2233	0.8024
jvowels			0.9980	0.0004	0.9980	0.9977	0.0041
kc1			0.8626	0.1374	0.6941	0.3608	0.6349
kc1-class-level-defectiveornot			0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect			0.2857	0.0595	0.0222	-0.0072	0.2205
kc1-class-level-top5percentDF			0.8000	0.2000	0.4444	-0.0976	0.5661
kc2			0.7500	0.2500	0.5858	0.1675	0.8277
kddcup981%			0.9474	0.0526	0.4865	0.0000	0.1408
kepler			0.7542	0.1639	0.5540	0.5828	0.2181
kidney			0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease			1.0000	0.0000	1.0000	1.0000	0.0000
krkopt			0.7979	0.0225	0.7908	0.7738	0.2404

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
krvskp			0.9812	0.0188	0.9813	0.9623	0.1219
la1s-wc			0.4571	0.1810	0.2331	0.2409	0.3529
la2s-wc			0.4437	0.1854	0.2282	0.2168	0.3550
labor			1.0000	0.0000	1.0000	1.0000	0.0000
leaf			0.6176	0.0191	0.3780	0.5989	0.0761
led24			0.5000	0.1000	0.5231	0.4398	0.2171
lenses			1.0000	0.0000	1.0000	1.0000	0.0000
letter			0.9585	0.0032	0.9580	0.9568	0.0483
leukemia			0.7143	0.1905	0.7490	0.5625	0.3209
leukemia2			0.8571	0.1429	0.8750	0.7200	0.4011
libra			0.8611	0.0185	0.8750	0.8509	0.0672
linkage1%			0.9976	0.0024	0.8728	0.7296	0.4904
liver			0.7353	0.2647	0.7218	0.4354	0.7621
loan			0.9696	0.0304	0.9687	0.9361	0.1901
localization10%			0.4053	0.1081	0.0938	0.1466	0.3395
lrs			0.6792	0.0916	0.3381	0.5495	0.2523
lung			0.9524	0.0190	0.7652	0.9091	0.0221
lung_discrete			1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer			0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1			0.8500	0.0600	0.5504	0.6450	0.0927
lung-cancer-harvard2			0.8333	0.1667	0.6593	0.3077	0.7195
lung-cancer-michigan			1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario			1.0000	0.0000	1.0000	1.0000	0.0000
lupus			0.7778	0.2222	0.8000	0.5263	0.4308
lymphography			0.6429	0.1786	0.3379	0.3333	0.3413
lymphoma2			0.5556	0.1481	0.3372	0.3684	0.2592
machine-failure			0.9362	0.0638	0.9369	0.8705	0.3095
madelon			0.6538	0.3462	0.6540	0.3077	0.8751
magic04			0.8112	0.1888	0.7912	0.5821	0.6637
malware			1.0000	0.0000	1.0000	1.0000	0.0000
mammography			0.7917	0.2083	0.7930	0.5839	0.6742
marketing			0.8661	0.1339	0.6762	0.3116	0.6185
maternal			0.8515	0.0990	0.8530	0.7747	0.3494
math			0.7500	0.1250	0.4164	0.5807	0.2112
mba			0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders			0.7500	0.1250	0.7913	0.6667	0.1743
mental-health			0.2067	0.3173	0.2371	0.0013	0.7288
messidor			0.6087	0.3913	0.6010	0.2020	0.9229
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8889	0.0556	0.9083	0.8462	0.1492
meter-D			0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac			0.8450	0.0310	0.8542	0.8278	0.1431
mfeat-fou			0.5250	0.0950	0.5535	0.4722	0.3124
mfeat-kar			0.6550	0.0690	0.6845	0.6167	0.2051
mfeat-mor			0.6800	0.0640	0.6790	0.6444	0.2224
mfeat-pix			0.7900	0.0420	0.8109	0.7667	0.1824
mfeat-zer			0.4500	0.1100	0.3588	0.3889	0.3120
mice-prot			0.9722	0.0069	0.9684	0.9682	0.0243
milk			0.8679	0.0881	0.8535	0.7943	0.2059
mines			0.7059	0.1176	0.6983	0.6304	0.3420
mobile			0.3531	0.0231	0.3501	0.3416	0.2189
monks-1			0.9273	0.0727	0.9272	0.8545	0.3478
monks-2			0.8852	0.1148	0.8792	0.7542	0.4890
monks-3			0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.9668	0.0332	0.9668	0.9335	0.1962
music			0.3256	0.1226	0.1792	0.1113	0.3366

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
musk		0.8500	0.1500	0.6613	0.0487	0.2948
MUT_ci300400a_cdk_ESTATE		0.6547	0.3453	0.6334	0.2501	0.8514
MUT_ci300400a_cdk_FCFP2		0.5892	0.4108	0.5734	0.0195	0.5626
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.6619	0.3381	0.6704	0.3314	0.8356
MUT_ci300400a_rdkit_descriptors		0.6817	0.3183	0.6959	0.3761	0.7959
myocardial		0.8353	0.0412	0.1979	0.1414	0.3414
naticusdroid		0.8609	0.1391	0.8665	0.7217	0.4855
NCI60		0.3333	0.2222	0.2857	0.2000	0.2809
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.8971	0.0108	0.4997	0.7254	0.8400
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6009	0.3991	0.6001	0.2001	0.9272
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.4583	0.3611	0.3839	0.0830	0.8046
nursery		0.9846	0.0062	0.7616	0.9773	0.0273
obesity		0.4408	0.1598	0.4913	0.3491	0.4038
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9942	0.0058	0.9918	0.9836	0.0668
Occupancy_Estimation		0.9911	0.0044	0.9712	0.9730	0.0449
oh0-wc		0.3564	0.1287	0.1498	0.2152	0.3055
oh10-wc		0.4000	0.1200	0.2120	0.2879	0.3122
oh15-wc		0.2935	0.1413	0.1401	0.1447	0.3432
oh5-wc		0.2527	0.1495	0.1885	0.1103	0.3606
olive		0.6491	0.0780	0.3759	0.5295	0.1617
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
optdigits		0.7278	0.0544	0.7642	0.6980	0.2454
optdigitsZ		0.9733	0.0267	0.9300	0.8526	0.3831
orl		0.6000	0.0200	0.5392	0.5897	0.0848
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9328	0.0672	0.4826	-0.0346	0.6178
ozone8hr		0.8854	0.1146	0.5555	0.1103	0.6965
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7629	0.2371	0.7240	0.4389	0.7387
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8625	0.7160	0.5090
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9671	0.0132	0.8306	0.8080	0.2169
parkinson		0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons		0.7536	0.2464	0.7316	0.4323	0.6884
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle10%		0.7654	0.2346	0.7574	0.4924	0.6898
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.6986	0.3909	0.6055
pcmac		0.5876	0.4124	0.5435	0.0262	0.6698
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8553	0.1447	0.7928	0.5600	0.5340
pediatric-leukemia		0.5294	0.1345	0.3758	0.4022	0.2635
pendigits		0.9927	0.0015	0.9924	0.9919	0.0132
period		0.7778	0.2222	0.8163	0.5714	0.5000
period-10f		0.3333	0.6667	0.4044	-0.1250	0.8750
persistency		0.7813	0.2187	0.7641	0.4944	0.6231
pet-adoption		0.7350	0.2650	0.7114	0.4208	0.7826
phishing		0.9714	0.0286	0.9700	0.9399	0.1774
phone-acc0.1%		0.3760	0.1783	0.2938	0.2620	0.4322
phone-gyr0.1%		0.3489	0.1860	0.2636	0.2221	0.3631
phoneme		0.9111	0.0889	0.8883	0.7749	0.4225

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
pima		0.6842	0.3158	0.6565	0.2985	0.8279
pirvision		0.9066	0.0623	0.5749	0.6989	0.1766
placement		0.7370	0.2630	0.7350	0.4680	0.7669
plant-growth		0.6842	0.3158	0.6833	0.3667	0.8414
plrx		0.6111	0.3889	0.5439	0.0870	0.8978
poker1%		0.4537	0.1093	0.2108	0.0438	0.7081
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9551	0.0449	0.7294	0.4288	0.4797
polish-5th		0.9306	0.0694	0.4820	0.0000	0.1724
polya		0.6897	0.3103	0.6717	0.3420	0.8360
popularity		0.6313	0.2458	0.2580	0.0000	0.2921
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc		0.6324	0.3676	0.6329	0.2647	0.8956
prestige		0.7778	0.1481	0.7994	0.6538	0.2433
primary-tumor		0.3636	0.0579	0.1887	0.2957	0.2348
profb		0.5672	0.4328	0.5260	0.0517	0.9390
promoters		0.8000	0.2000	0.8333	0.6154	0.4644
prostate		0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE		1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%		0.9807	0.0077	0.9674	0.9741	0.0516
pufs-641%		0.5071	0.4929	0.5071	0.0142	0.9959
pulsar		0.9808	0.0192	0.9407	0.8785	0.1663
raisin		0.8444	0.1556	0.8444	0.6889	0.5731
re0-wc		0.5400	0.0708	0.1069	0.3050	0.2787
re1-wc		0.4036	0.0477	0.0503	0.2394	0.2814
rejafada		1.0000	0.0000	1.0000	1.0000	0.0000
relathe		1.0000	0.0000	1.0000	1.0000	0.0000
rice		0.9835	0.0165	0.9834	0.9666	0.1090
rnaseq		0.8500	0.0600	0.8376	0.7962	0.1411
rocket		0.5530	0.4470	0.5403	0.0806	0.9632
satimage		0.7325	0.0892	0.6468	0.6603	0.2447
satimageF		0.9907	0.0093	0.9760	0.9519	0.1413
satimageT		0.8989	0.1011	0.4734	0.0000	0.2253
scadi		0.7143	0.0816	0.4989	0.6316	0.1395
schiller		0.8889	0.1111	0.8333	0.6087	0.2605
schizo		0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.9359	0.0641	0.4834	0.0000	0.1628
seeds		1.0000	0.0000	1.0000	1.0000	0.0000
segment		0.9524	0.0136	0.9569	0.9443	0.0628
segmentation		0.7277	0.2723	0.7728	0.4847	0.5970
segmentO		0.9957	0.0043	0.9916	0.9830	0.0885
seismic		0.8798	0.1202	0.4680	-0.0633	0.6874
semeion		0.9623	0.0377	0.8958	0.7915	0.3891
sens-1-gram		0.7947	0.2053	0.5183	0.0364	0.7852
sens-10-gram		0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8662	0.1338	0.7855	0.5580	0.6298

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
shuttle			0.8678	0.0378	0.2429	0.6623	0.1496
sick			0.9602	0.0398	0.8255	0.6458	0.4389
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9027	0.0973	0.8691	0.7298	0.5119
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2800	0.3600	0.1946	0.0281	0.6659
smk_can_187			0.6316	0.3684	0.6438	0.2732	0.8562
smoking			0.6985	0.3015	0.7535	0.4380	0.6100
soil_pollution			0.1833	0.3267	0.1708	-0.0285	0.6596
solar-flare			0.7626	0.0791	0.6798	0.6963	0.2285
sonar			0.7000	0.3000	0.7185	0.4000	0.7215
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9135	0.0865	0.6820	0.1035	0.2027
spambase			0.8935	0.1065	0.8887	0.7775	0.4609
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.9429	0.0571	0.9300	0.8600	0.3290
spectrometer			0.5000	0.0370	0.4719	0.4704	0.1793
splice-EI			0.8738	0.1262	0.8357	0.6711	0.5690
splice-IE			0.8707	0.1293	0.8202	0.6403	0.5850
sport-articles			0.7500	0.2500	0.7334	0.4667	0.7628
squash-stored			0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored			0.6000	0.2667	0.4706	0.2857	0.2642
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7043	0.1971	0.6712	0.5203	0.3120
steel-b			0.8462	0.1538	0.7684	0.5367	0.6606
steel-d			0.9795	0.0205	0.8028	0.5899	0.3873
steel-k			0.9897	0.0103	0.9843	0.9685	0.1057
steel-o			0.8000	0.2000	0.7777	0.5551	0.6857
steel-p			0.9282	0.0718	0.7481	0.4946	0.5864
steel-s			0.9744	0.0256	0.8470	0.6925	0.4821
steel-z			0.9641	0.0359	0.9061	0.8093	0.4129
stellar			0.8056	0.1296	0.6182	0.6025	0.1865
stock			0.8403	0.1597	0.7673	0.5244	0.6612
stockb			0.9824	0.0117	0.9825	0.9736	0.0528
streaming			0.8680	0.1320	0.8663	0.7318	0.5150
stress			0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle			0.6300	0.1480	0.2786	0.3708	0.3285
student-habits			0.3700	0.2520	0.1720	-0.0129	0.4301
student-weekend			0.2923	0.2831	0.1779	0.0190	0.7897
student-workday			0.6250	0.1500	0.1970	0.1059	0.4140
studentap			0.5385	0.3077	0.5342	0.2778	0.6089
susy1%			0.7182	0.2818	0.7362	0.4089	0.6287
tae			0.6667	0.2222	0.6667	0.5000	0.4870
telco-churn			0.8153	0.1847	0.7418	0.4518	0.6235
texture			0.5636	0.0793	0.5119	0.5218	0.2546
theorem			0.5859	0.4141	0.6938	0.2536	0.5281
thoracic			0.7234	0.2766	0.4848	-0.0304	0.7956
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7996	0.2004	0.7487	0.4938	0.7103
tis10%			0.7910	0.2090	0.7186	0.4371	0.7414
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.3529	0.3235	0.2625	0.1538	0.3884
toxicity			0.7059	0.2941	0.6540	0.2735	0.7752
toxicity-13f			0.5294	0.4706	0.5218	0.0423	0.9411
trains			0.5000	0.5000	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
transfusion			0.6133	0.3867	0.4117	-0.1712	0.9311
trec11-wc			0.4878	0.1138	0.1816	0.2765	0.2530
trec12-wc			0.3548	0.1613	0.1492	0.1948	0.3650
trec21-wc			0.7879	0.0848	0.3517	0.4031	0.1727
trec23-wc			0.6667	0.1111	0.2764	0.5100	0.1670
trec31-wc			0.5806	0.1398	0.2591	0.4068	0.2526
trec41-wc			0.4432	0.1114	0.1220	0.2684	0.2964
trec45-wc			0.3913	0.1217	0.1414	0.2502	0.2951
tuandromd			0.9372	0.0628	0.8994	0.7967	0.3625
turkish			0.6250	0.1875	0.6275	0.5000	0.4361
tvnews1%			0.7615	0.2385	0.7476	0.4946	0.7429
tvnews10%			0.7749	0.2251	0.7528	0.5028	0.7210
ur3_cobotops_grip			0.9660	0.0340	0.7142	0.4270	0.5623
ur3_cobotops_stop			0.9728	0.0272	0.7877	0.5695	0.4670
urban			0.6866	0.0697	0.5076	0.6239	0.2101
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
vehicle			0.6548	0.1726	0.6365	0.5380	0.3775
vehicleVAN			0.9643	0.0357	0.9533	0.9062	0.2616
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.8605	0.1395	0.8623	0.7214	0.5237
vowel			0.5859	0.0753	0.6413	0.5444	0.2022
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
wap-wc			0.2949	0.0705	0.0641	0.1786	0.3204
warpar10p			0.4615	0.1077	0.3477	0.3974	0.1822
warppie10p			0.6190	0.0762	0.6167	0.5768	0.1631
watch-acc1%			0.3143	0.1959	0.2208	0.1797	0.3932
watch-gyr1%			0.4120	0.1680	0.3330	0.3064	0.3884
water_pollution			0.2067	0.3967	0.1964	-0.0638	0.8069
waveform			0.7340	0.1773	0.7349	0.6007	0.5152
weather-related			0.4596	0.0983	0.1951	0.3479	0.2707
web-phishing			0.8519	0.0988	0.8009	0.7372	0.4169
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.8333	0.0833	0.4268	0.6667	0.1796
wifi-loc			1.0000	0.0000	1.0000	1.0000	0.0000
wilt			0.9689	0.0311	0.8071	0.5576	0.2376
wine			0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red			0.6730	0.1090	0.3351	0.4787	0.4953
winequality-white			0.6278	0.1063	0.3822	0.4510	0.5377
wisc_bc			0.8772	0.1228	0.8670	0.7335	0.5056
yale			0.5000	0.0667	0.4461	0.4667	0.1177
yeast			0.5473	0.0905	0.3480	0.4160	0.3963
yeastCYT-POX			0.9184	0.0816	0.4787	-0.0426	0.6182
yeastEXC			0.9662	0.0338	0.7155	0.4272	0.5783
yeastME1			0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2			0.9392	0.0608	0.5817	0.1527	0.6285
zip			0.3387	0.1323	0.3393	0.2200	0.3095

Table 114: Detailed results for MANN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1055	0.0617	0.0660	0.0235	0.4700
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8499	0.1501	0.7806	0.5556	0.6199
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9938	0.0062	0.4984	-0.0003	0.1661
aids		0.9155	0.0845	0.8815	0.7584	0.4058
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8500	0.1500	0.5125	0.0007	0.3332
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8000	0.0800	0.3907	0.5227	0.2497
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8791	0.1209	0.8664	0.7322	0.5039
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9764	0.0118	0.8824	0.9545	0.0506
anuran-genus		0.9638	0.0090	0.8716	0.9401	0.0927
anuran-species		0.9625	0.0075	0.8268	0.9478	0.0642
anxiety		0.1167	0.1963	0.1169	0.0029	0.7029
apple-quality		0.8975	0.1025	0.8981	0.7950	0.4330
aps-failure		0.9899	0.0101	0.8394	0.6673	0.3244
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.6444	0.0547	0.2080	0.4054	0.2397
auction		0.9412	0.0588	0.8557	0.6836	0.2804
audiology		0.5652	0.0362	0.1683	0.4911	0.1201
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.8500	0.0500	0.7137	0.7980	0.0929
avila		0.6339	0.0610	0.3851	0.4805	0.3099
babies		0.4839	0.1475	0.1584	0.1744	0.3536
balance		0.8871	0.0753	0.6113	0.7879	0.2115
bank		0.9121	0.0879	0.7637	0.5236	0.5814
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9194	0.0806	0.9121	0.8217	0.3620
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9973	0.0027	0.9190	0.8327	0.1619
bio10%		0.9945	0.0055	0.8167	0.5975	0.2371
biodeg		0.9143	0.0857	0.9097	0.8191	0.4034
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%		0.0000	0.0690	0.0000	0.0000	0.0139
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.5977	0.6700	0.0888
bridges		0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17		0.9136	0.0864	0.6516	0.2134	0.4843
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9134	0.0866	0.6606	0.2610	0.5365
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9540	0.0230	0.9010	0.9031	0.1755
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.9130	0.0870	0.9108	0.8216	0.3987
cardiotocography		0.8169	0.0366	0.7117	0.7789	0.1952
cardiotocography-nsp		0.9014	0.0657	0.8218	0.7143	0.2845
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6724	0.5609	0.4864
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7892	0.2108	0.7875	0.5738	0.6821
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.7883	0.2117	0.7886	0.5762	0.6836
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8475	0.1017	0.4163	0.0898	0.2365
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9711	0.0289	0.7961	0.5403	0.2778
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9542	0.0458	0.7558	0.4766	0.4336
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9996	0.0004	0.8884	0.7706	0.2335
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.7972	0.5942	0.4802
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8540	0.1460	0.7503	0.4804	0.6053
churn-bigml		0.9026	0.0974	0.7968	0.5923	0.5698
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.3110	0.0138	0.2534	0.3040	0.1720
cirrhosis		0.7857	0.1429	0.5337	0.5685	0.3575
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8083	0.0958	0.5591	0.6943	0.2947
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5510	0.2993	0.5173	0.2967	0.7073
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8473	0.0278	0.4600	0.8124	0.1653
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.6200	0.0507	0.4410	0.5749	0.1513
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6897	0.3103	0.6837	0.3587	0.8095
colposcopies-2		0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3		0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7596	0.2404	0.7597	0.5193	0.7345
coupon		0.7445	0.2555	0.7371	0.4712	0.7570
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.6998	0.0858	0.3069	0.4963	0.2837
covtypeCD		0.9692	0.0308	0.9324	0.8623	0.2259
covtypeT		0.9717	0.0283	0.8819	0.7548	0.2826
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9995	0.0005	0.9239	0.8442	0.1659
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9078	0.0307	0.6847	0.8051	0.1900
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.2812	0.0359	0.1830	0.2596	0.1252
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.0777	-0.0202	0.5243
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.7407	0.2593	0.7385	0.4757	0.7630
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8253	0.1747	0.7130	0.3954	0.6475
defect		0.9444	0.0556	0.8914	0.7764	0.3279
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9051	0.0949	0.7461	0.4846	0.5910
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.7500	0.1667	0.7690	0.6098	0.3265
DIA		0.7833	0.2167	0.6817	0.3500	0.7451
diabetes		0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6034	0.1586	0.4356	0.4044	0.3490
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5991	0.4009	0.5962	0.1915	0.9289
dota210%		0.5689	0.4311	0.5656	0.1305	0.9539
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7607	0.1595	0.6613	0.5947	0.4547
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5213	0.1368	0.2032	0.1642	0.5028
drug-03		0.6915	0.0881	0.1883	0.1440	0.3520
drug-04		0.5160	0.1383	0.1095	0.0489	0.3700

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4309	0.1626	0.2571	0.2754	0.4902
drug-07		0.5000	0.1429	0.1549	0.1543	0.3373
drug-08		0.5957	0.1155	0.2301	0.2123	0.3490
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5585	0.1261	0.1847	0.1798	0.4289
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6330	0.1049	0.1773	0.2640	0.3091
drug-14		0.6011	0.1140	0.2569	0.2880	0.4424
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.6011	0.1140	0.2855	0.3386	0.4170
drug-17		0.3723	0.1793	0.1989	0.1193	0.4484
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9309	0.0197	0.9415	0.9164	0.1149
ecoli		0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2300	0.3850	0.2306	-0.0261	0.8678
eeg		0.3367	0.0829	0.2340	0.2584	0.5086
eeg-eye		0.7810	0.2190	0.7779	0.5530	0.6934
eeg10%		0.3604	0.0799	0.2907	0.2847	0.4949
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6575	0.1370	0.6301	0.5490	0.3248
euthyroid		0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9654	0.0346	0.9653	0.9307	0.2019
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.7895	0.8416	0.0398
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.9878	0.0041	0.9879	0.9852	0.0294
gastrointestinal		0.6250	0.2500	0.4589	0.3557	0.4877
gender		0.6084	0.2611	0.3880	0.1680	0.5580
gene		0.9306	0.0463	0.9226	0.8891	0.2118
german		0.7300	0.2700	0.6871	0.3602	0.7805
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8818	0.1182	0.8818	0.7636	0.4822
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7143	0.0952	0.6837	0.5869	0.2236
glass-g2		0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP		0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP		0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.3333	0.3333	0.2110	0.0566	0.5338
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.5206	0.0799	0.2410	0.4223	0.1582
har		0.7808	0.0877	0.7693	0.7215	0.3186
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8907	0.0312	0.5226	0.8390	0.1390
har7010%		0.8086	0.0547	0.4759	0.6954	0.1468
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.7688	0.0385	0.3487	0.6787	0.2043
harth10%		0.7372	0.0438	0.3286	0.6345	0.2112
hayes-roth		0.5000	0.3333	0.5452	0.2000	0.3327
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8478	0.1522	0.8497	0.6959	0.5522
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6973	0.3027	0.6957	0.3913	0.8253
higgs1%		0.6932	0.3068	0.6919	0.3838	0.8305
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1079	0.1083	0.3367
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9241	0.0759	0.8614	0.7216	0.4606
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6667	0.2222	0.5728	0.3915	0.5499
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.7714	0.1524	0.7766	0.6580	0.4311
ht-sensor10%		0.7531	0.1646	0.7568	0.6290	0.4666
htru2		0.9782	0.0218	0.9326	0.8643	0.2453
hypothyroid		0.9814	0.0093	0.7032	0.8894	0.1197
hypothyroidT		0.9973	0.0027	0.9906	0.9810	0.0136
ilpd		0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.8667	0.0889	0.8676	0.7945	0.1292
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.3941	0.0466	0.3663	0.3698	0.2833
jm1		0.8191	0.1809	0.6391	0.1888	0.5925
jvowels		0.9267	0.0163	0.9203	0.9169	0.1135
kc1		0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1966	0.0699	0.0423	0.0388	0.0510
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3508	0.0721	0.2127	0.2580	0.4714
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.3824	0.0309	0.2171	0.3614	0.0915
led24		0.7000	0.0600	0.6727	0.6591	0.1207
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.6165	0.0295	0.6273	0.6010	0.3135
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8333	0.0222	0.7845	0.8207	0.0503
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.8529	0.1471	0.8366	0.6718	0.5829
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8868	0.0226	0.4605	0.8418	0.0529
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.5000	0.1429	0.1905	0.3333	0.1788
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.8936	0.1064	0.8904	0.7809	0.4568
madelon		0.5615	0.4385	0.5620	0.1231	0.9564
magic04		0.8780	0.1220	0.8645	0.7198	0.4609
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.8973	0.1027	0.7712	0.5259	0.5447
maternal		0.6832	0.2112	0.6927	0.5152	0.5132
math		0.7250	0.1375	0.6597	0.5665	0.3575
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.7391	0.2609	0.7335	0.4668	0.7701
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8889	0.0556	0.8784	0.8448	0.1220

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
mfeat-fac			0.9700	0.0060	0.9706	0.9667	0.0377
mfeat-fou			0.8000	0.0400	0.8000	0.7778	0.1780
mfeat-kar			0.9700	0.0060	0.9706	0.9667	0.0379
mfeat-mor			0.7350	0.0530	0.7407	0.7056	0.1827
mfeat-pix			0.8200	0.0360	0.7960	0.8000	0.1081
mfeat-zer			0.8300	0.0340	0.8318	0.8111	0.1280
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5882	0.1647	0.5682	0.4826	0.3861
mobile			0.5105	0.0175	0.4571	0.5016	0.1902
monks-1			1.0000	0.0000	1.0000	1.0000	0.0000
monks-2			0.9180	0.0820	0.9105	0.8205	0.4023
monks-3			0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.0806	0.1672	0.0136	0.0000	0.3712
musk			0.9803	0.0197	0.9617	0.9205	0.0742
MUT_ci300400a_cdk_ECFP2			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6			0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE			0.7518	0.2482	0.7414	0.4788	0.7453
MUT_ci300400a_cdk_EXTENDED			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS			0.8213	0.1787	0.8149	0.6279	0.6222
MUT_ci300400a_cdk_PUBCHEM			0.8383	0.1617	0.8326	0.6623	0.5812
MUT_ci300400a_cdk_STANDARD			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors			0.8371	0.1629	0.8326	0.6636	0.5880
myocardial			0.8824	0.0294	0.2850	0.4146	0.0951
naticusdroid			0.9707	0.0293	0.9707	0.9414	0.1786
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA			0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%			0.8865	0.0120	0.2758	0.6510	0.2121
ncRNA10%			0.7777	0.0234	0.0461	0.0000	0.1370
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.0095	0.0450	0.0004	0.0000	0.4165
newspop			0.6599	0.3401	0.6572	0.3131	0.8683
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9449	0.0551	0.9326	0.8652	0.3229
NPHA-doctor-visits			0.5417	0.3056	0.3773	0.0492	0.4422
nursery			0.9637	0.0145	0.5859	0.9463	0.0439
obesity			0.7299	0.0772	0.7260	0.6846	0.2296
obs			0.8889	0.0556	0.9132	0.8338	0.1748
occupancy			0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation			0.9921	0.0039	0.9734	0.9760	0.0314
oh0-wc			0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc			0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc			0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc			0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc			0.1039	0.1792	0.0188	0.0000	0.4018
olive			0.9474	0.0117	0.9385	0.9343	0.0333
opn310k			0.9120	0.0880	0.6465	0.2195	0.5206
opn310k10%			0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17			0.9138	0.0862	0.6515	0.2028	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
optdigits		0.9110	0.0178	0.9153	0.9011	0.1103
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr		0.9209	0.0791	0.6211	0.1984	0.5790
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9726	0.0110	0.7115	0.8353	0.2890
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.9052	0.0948	0.8989	0.7977	0.4265
parkinsons-small		0.8421	0.1579	0.8508	0.6587	0.4882
particle		0.9217	0.0783	0.9036	0.8071	0.4119
particle10%		0.9169	0.0831	0.8964	0.7926	0.4206
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.5907	0.1483	0.6102
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8816	0.1184	0.8335	0.6538	0.4856
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.9454	0.0109	0.9464	0.9393	0.0788
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.7959	0.2041	0.7786	0.5541	0.6792
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.9350	0.0650	0.9258	0.8501	0.3194
phishing		0.9673	0.0327	0.9657	0.9315	0.1998
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%		0.4893	0.1459	0.3996	0.3943	0.3602
phone-acc1%		0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%		0.1697	0.2372	0.0730	0.0013	0.4084
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.8537	0.1463	0.8182	0.6362	0.5989
phy		0.7012	0.2988	0.7012	0.4024	0.8194
pima		0.7368	0.2632	0.7191	0.4081	0.7142
pirvision		0.9935	0.0044	0.9886	0.9793	0.0504
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.6842	0.3158	0.6841	0.3596	0.8222
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.5346	0.0931	0.1083	0.0971	0.2529
poker10%		0.5235	0.0953	0.1067	0.0628	0.2329
polish-1st		0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9602	0.0398	0.7577	0.4196	0.2591
polish-5th		0.9425	0.0575	0.7230	0.3889	0.4410
polya		0.7751	0.2249	0.7518	0.5027	0.7269
popularity		0.6744	0.2171	0.4250	0.2419	0.4578
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
postures			0.9022	0.0391	0.9027	0.8777	0.1746
pred-tox_mutagen_ref-desc			0.6471	0.3529	0.6494	0.2941	0.8709
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3030	0.0634	0.1249	0.2326	0.2308
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.7761	0.2239	0.7434	0.4865	0.7347
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.8469	0.0612	0.7557	0.7891	0.2022
puc-rio10%			0.9149	0.0340	0.8505	0.8849	0.1541
pufs-1281%			0.4993	0.5007	0.4994	-0.0013	0.9960
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5042	0.4958	0.5042	0.0083	0.9976
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6502	0.3498	0.6336	0.2665	0.8861
RT_IOT2022			0.9615	0.0064	0.5246	0.9030	0.0301
satimage			0.8787	0.0404	0.8556	0.8500	0.1820
satimageF			0.9907	0.0093	0.9760	0.9519	0.1413
satimageT			0.9409	0.0591	0.8190	0.6234	0.4272
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.7353	0.2647	0.7463	0.4706	0.7108
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.9846	0.0154	0.9845	0.9689	0.1099
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9394	0.0173	0.9463	0.9291	0.0710
segmentation			0.8218	0.1782	0.8070	0.6139	0.6414
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.7959	0.0371	0.7986	0.7755	0.1673
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8994	0.1006	0.7920	0.5779	0.5538
shuttle			0.9955	0.0013	0.4266	0.9873	0.0059
sick			0.9708	0.0292	0.8708	0.7291	0.2857
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9989	0.0011	0.9983	0.9965	0.0234
skin10%			0.9984	0.0016	0.9975	0.9950	0.0278

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2200	0.3900	0.1991	-0.0541	0.6620
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1967	0.3213	0.1779	-0.0078	0.7197
solar-flare			0.7338	0.0887	0.5668	0.6561	0.1964
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.8971	0.0108	0.7837	0.8863	0.0393
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9261	0.0739	0.9224	0.8443	0.3511
spect			0.7778	0.2222	0.6786	0.3571	0.7720
spectf			0.9429	0.0571	0.9300	0.8600	0.3290
spectrometer			0.2642	0.0307	0.1156	0.2229	0.2189
splice-EI			0.9716	0.0284	0.9630	0.9257	0.2218
splice-IE			0.9306	0.0694	0.9031	0.8061	0.3945
sport-articles			0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored			0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8348	0.1102	0.8008	0.7273	0.3198
steel-b			0.8615	0.1385	0.7743	0.5375	0.5973
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.8051	0.1949	0.7817	0.5620	0.6735
steel-p			0.9231	0.0769	0.6783	0.3135	0.5446
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9005	0.8006	0.3957
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8958	0.1042	0.8125	0.6194	0.5344
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6300	0.1480	0.3549	0.3930	0.4163
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3600	0.2560	0.1059	0.0000	0.3283
student-weekend			0.4154	0.2338	0.2299	0.1406	0.5083
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6923	0.2051	0.6667	0.5185	0.4133
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.8062	0.1938	0.8050	0.6058	0.6404
susy10%			0.8008	0.1992	0.7996	0.5948	0.6508
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.5344	0.2000	0.5887
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9964	0.0007	0.9965	0.9960	0.0057
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8519	0.1481	0.7918	0.5795	0.6106
tis10%			0.7463	0.2537	0.6373	0.2720	0.8147
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity-13f			0.7647	0.2353	0.7536	0.3929	0.4155
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.1782	0.0781	0.0000	0.3066
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.8000	0.1000	0.7979	0.7333	0.2139
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%			0.8967	0.1033	0.8878	0.7737	0.4401
ur3_cobotops_grip			0.9728	0.0272	0.7346	0.4321	0.4246
ur3_cobotops_stop			0.9660	0.0340	0.6785	0.2735	0.3962
urban			0.8209	0.0398	0.8380	0.7903	0.1442
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7738	0.1131	0.7487	0.6969	0.1861
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.6970	0.0551	0.7013	0.6667	0.1538
vowelZ			1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17			0.9228	0.0772	0.7213	0.4145	0.5387
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.3840	0.1760	0.3392	0.2713	0.3685
watch-gyr10%			0.1391	0.2460	0.0349	0.0000	0.4036
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8520	0.0987	0.8524	0.7781	0.3470
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8222	0.1185	0.7031	0.6833	0.4807
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.3748	0.2501	0.2119	0.1504	0.4125
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9959	0.0041	0.9793	0.9578	0.1858
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5409	0.1530	0.2539	0.2552	0.4202
winequality-white			0.5337	0.1332	0.2832	0.2554	0.3964
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9844	0.0045	0.9678	0.9802	0.0340
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5676	0.0865	0.4425	0.4399	0.3817
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
zip		0.8387	0.0323	0.8306	0.8188	0.1672	

Table 115: Detailed results for MARS

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1831	0.0778	0.1251	0.1005	0.5280
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9831	0.0169	0.6687	0.1265	0.1538
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9665	0.0335	0.9277	0.8485	0.1787
adult		0.8557	0.1443	0.7870	0.5645	0.5937
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8967	0.1033	0.8538	0.7007	0.4642
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7619	0.0952	0.2709	0.4159	0.2412
all-aml		0.8333	0.1667	0.8537	0.6667	0.4644
alzheimers		0.9488	0.0512	0.9437	0.8871	0.2728
anneal		0.9775	0.0090	0.9732	0.9524	0.0790
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9680	0.0160	0.9538	0.9387	0.0769
anuran-genus		0.9263	0.0184	0.7988	0.8775	0.1756
anuran-species		0.9500	0.0100	0.8905	0.9302	0.0838
anxiety		0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality		0.7625	0.2375	0.7627	0.5250	0.7292
aps-failure		0.9882	0.0118	0.8115	0.6128	0.3842
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.8000	0.2000	0.7897	0.5652	0.6314
arrhythmia		0.7333	0.0533	0.5726	0.5577	0.2263
auction		0.9608	0.0392	0.9093	0.8177	0.3296
audiology		0.9091	0.0165	0.8670	0.8940	0.0440
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9500	0.0200	0.9520	0.9340	0.0427
avila		0.6258	0.0624	0.4112	0.4720	0.3387
babies		0.5000	0.1429	0.2064	0.2063	0.3516
balance		0.9032	0.0645	0.6243	0.8175	0.1568
bank		0.9119	0.0881	0.7548	0.5004	0.5700
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8825	0.1175	0.8712	0.7372	0.4647
basehock		0.9045	0.0955	0.9093	0.8092	0.3617
bio		0.9970	0.0029	0.9096	0.8108	0.1500
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.9048	0.0952	0.8990	0.7981	0.4308
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.9091	0.0909	0.9167	0.8197	0.3145
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7490	0.6733	0.1057
bridges		0.7000	0.1000	0.6333	0.5714	0.2002
bub10at310k-hg16-17		0.9200	0.0800	0.6930	0.3149	0.4782
bub12at310k-hg16-17		0.9177	0.0823	0.6788	0.2779	0.4780
bub8at310k-hg16-17		0.9176	0.0824	0.6935	0.3502	0.5526
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8908	0.0546	0.7309	0.7683	0.2982
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.8169	0.0366	0.7788	0.7796	0.2133
cardiotocography-nsp		0.8920	0.0720	0.8222	0.7008	0.3805
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6310	0.5000	0.5775
cas_N6512_cdk_ECFP2		0.7266	0.2734	0.7252	0.4503	0.7858
cas_N6512_rdkit_ATOMPAIR		0.6800	0.3200	0.6775	0.3550	0.8472
cas_N6512_RDkit_AtomPair_FP		0.7132	0.2868	0.7106	0.4204	0.8038
cas_N6512_rdkit_AVALON		0.7450	0.2550	0.7432	0.4864	0.7590
cas_N6512_RDkit_Avalon_FP		0.7607	0.2393	0.7602	0.5200	0.7328
cas_N6512_rdkit_descriptors		0.6985	0.3015	0.6970	0.3939	0.8238
cas_N6512_rdkit_FEATMORGAN		0.7081	0.2919	0.7056	0.4110	0.8114
cas_N6512_RDkit_Featmorgan_FP		0.7301	0.2699	0.7285	0.4569	0.7811
cas_N6512_RDkit_FP		0.7086	0.2914	0.7059	0.4112	0.8102
cas_N6512_rdkit_LAYERED		0.7431	0.2569	0.7419	0.4837	0.7615
cas_N6512_RDkit_Layered_FP		0.7500	0.2500	0.7485	0.4969	0.7513

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.7546	0.2454	0.7539	0.5075	0.7430
cas_N6512_rdkit_MORGAN		0.7508	0.2492	0.7487	0.4969	0.7492
cas_N6512_RDkit_morgan_FP		0.7285	0.2715	0.7279	0.4555	0.7817
cas_N6512_rdkit_PATTERN		0.7738	0.2262	0.7723	0.5447	0.7125
cas_N6512_RDkit_pattern_FP		0.7500	0.2500	0.7501	0.4993	0.7482
cas_N6512_rdkit_RDKITFP		0.7127	0.2873	0.7110	0.4221	0.8053
cas_N6512_rdkit_TORSION		0.6846	0.3154	0.6849	0.3689	0.8375
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8486	0.1009	0.4265	0.2112	0.3287
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7720	0.2280	0.7486	0.4971	0.7342
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7844	0.4877	0.2146
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9549	0.0451	0.7599	0.4842	0.4256
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9997	0.0003	0.9106	0.8126	0.1338
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9991	0.0009	0.7856	0.5710	0.4672
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8430	0.1570	0.7316	0.4470	0.6461
churn-bigml		0.8951	0.1049	0.7658	0.5182	0.5634
ci900367j_MACCS		0.7053	0.2947	0.6808	0.3600	0.8260
circles		0.9930	0.0001	0.9933	0.9929	0.0027
cirrhosis		0.9048	0.0635	0.8509	0.8129	0.2022
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7593	0.1204	0.4949	0.6023	0.2968
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5646	0.2902	0.5427	0.3129	0.6682
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.7475	0.0459	0.4976	0.6876	0.2696
coil20		0.8333	0.0167	0.8381	0.8246	0.0920
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2		0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3		0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4		0.5862	0.4138	0.4372	-0.1226	0.9524
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.6552	0.3448	0.6656	0.2995	0.7967
colposcopies-c		0.8276	0.1724	0.7526	0.3777	0.3360
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
connect-4		0.9822	0.0118	0.6115	0.3608	0.0355
cottonmeloidogyne		0.7260	0.2740	0.7259	0.4518	0.7858
coupon		0.6948	0.3052	0.6855	0.3688	0.8292
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.7227	0.0792	0.5330	0.5426	0.3917
covtypeCD		0.9692	0.0308	0.9331	0.8653	0.2598
covtypeT		0.9616	0.0384	0.8398	0.6740	0.4129
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8774	0.0409	0.6447	0.7379	0.2539
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.1875	0.0508	0.1442	0.1613	0.1740
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.8148	0.1852	0.8149	0.6281	0.6331
cylinder-bands		0.7593	0.2407	0.7527	0.5049	0.7398
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8263	0.1737	0.7128	0.3858	0.6261
defect		0.9568	0.0432	0.9166	0.8231	0.1976
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8965	0.1035	0.7104	0.4043	0.6086
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.7879	0.6098	0.3703
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.6153	0.2105	0.7950
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%		0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7729	0.0908	0.7554	0.6761	0.3213
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.5000	0.5000	0.5299	0.0526	0.9218
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5359	0.4641	0.5389	0.0769	0.9700
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7540	0.1640	0.6674	0.5834	0.4785
drug-01		0.4096	0.1687	0.1639	0.0566	0.4382
drug-02		0.5106	0.1398	0.1199	0.0449	0.3712
drug-03		0.6915	0.0881	0.1907	0.0904	0.3216
drug-04		0.5106	0.1398	0.1449	0.0698	0.4604
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-06		0.4574	0.1550	0.2695	0.3040	0.4258
drug-07		0.4309	0.1897	0.1004	0.0000	0.2655
drug-08		0.5798	0.1201	0.2219	0.1610	0.3785
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.1759	0.1491	0.4028
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6277	0.1064	0.1789	0.2671	0.3340
drug-14		0.5957	0.1155	0.2650	0.2624	0.4123
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.6117	0.1109	0.2752	0.3379	0.3796
drug-17		0.3830	0.1763	0.2727	0.1382	0.4557
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9192	0.0231	0.9308	0.9022	0.1304
ecoli		0.9118	0.0294	0.7783	0.8747	0.0764
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.3504	0.0812	0.2991	0.2724	0.6360
eeg-eye		0.6669	0.3331	0.6600	0.3155	0.8561
eeg10%		0.3469	0.0816	0.3096	0.2714	0.6214
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6438	0.1425	0.6170	0.5391	0.3842
euthyroid		0.9684	0.0316	0.9106	0.8212	0.3529
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9315	0.0685	0.9313	0.8625	0.3332
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.6179	0.0450	0.4191	0.5663	0.2569
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9038	0.0481	0.8906	0.8669	0.1249
gas		0.9648	0.0117	0.9634	0.9573	0.0713
gastrointestinal		0.7500	0.1667	0.6925	0.5975	0.4319
gender		0.6211	0.2526	0.5261	0.1838	0.4923
gene		0.9306	0.0463	0.9232	0.8897	0.1990
german		0.7400	0.2600	0.6980	0.3705	0.7408
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8905	0.1095	0.8904	0.7809	0.4590
gisette		0.9357	0.0643	0.9359	0.8714	0.3155
glass		0.7619	0.0794	0.6981	0.6708	0.2026
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP		0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glioma		1.0000	0.0000	1.0000	1.0000	0.0000
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.3500	0.0854	0.5343
gsalc		0.7778	0.0741	0.7059	0.7313	0.0884
haberman		0.6667	0.3333	0.5739	0.1477	0.8809
hapt		0.8847	0.0192	0.7177	0.8636	0.1383
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.1850	0.2329	0.0446	0.0000	0.2874
har701%		0.8730	0.0363	0.5149	0.8125	0.1461
har7010%		0.8679	0.0377	0.5111	0.8038	0.1537
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.8030	0.0328	0.3760	0.7290	0.1996
harth10%		0.7925	0.0346	0.3757	0.7138	0.2065
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.9630	0.0370	0.9635	0.9244	0.1967
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8406	0.1594	0.8406	0.6811	0.5814
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.7692	0.2308	0.7134	0.4179	0.7400
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.7055	0.2945	0.7039	0.4076	0.8146
higgs1%		0.6838	0.3162	0.6817	0.3629	0.8415
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.2500	0.0888	0.3443
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9106	0.0894	0.8377	0.6748	0.5165
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5833	0.2778	0.5468	0.2613	0.6395
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.6964	0.2024	0.7013	0.5459	0.5283
ht-sensor10%		0.6941	0.2039	0.6993	0.5427	0.5283
htru2		0.9804	0.0196	0.9390	0.8754	0.1831
hypothyroid		0.9920	0.0040	0.7384	0.9532	0.0786
hypothyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
ilpd		0.6610	0.3390	0.5403	0.0767	0.9032
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8857	0.1143	0.8767	0.7473	0.4951
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.6893	0.0239	0.6942	0.6769	0.2305
jm1		0.8145	0.1855	0.6270	0.1826	0.6361
jvowels		0.9116	0.0196	0.9038	0.8998	0.1261
kc1		0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9941	0.0009	0.7011	0.9901	0.0527
kddcup9910%		0.9964	0.0004	0.5664	0.9939	0.0420
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3316	0.0743	0.2938	0.2373	0.5060
krvskp		0.9561	0.0439	0.9567	0.9122	0.2324
la1s-wc		0.7079	0.0974	0.6239	0.6303	0.3524
la2s-wc		0.7252	0.0916	0.7071	0.6500	0.3541
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5294	0.0409	0.4964	0.5068	0.1341
led24		0.6500	0.0778	0.6847	0.6045	0.1898
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.6995	0.0231	0.7043	0.6874	0.2867
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.7778	0.0296	0.7750	0.7610	0.1046
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7059	0.2941	0.6808	0.3585	0.8145
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.4091	0.1074	0.0960	0.1509	0.3366
localization10%		0.5006	0.0908	0.2628	0.3418	0.5231
lrs		0.8491	0.0431	0.7543	0.7909	0.1275
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		0.8750	0.0500	0.9000	0.8431	0.0660
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.7323	0.7938	0.1780
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.8456	0.6147	0.3285
lymphoma2		0.6667	0.1111	0.5556	0.5714	0.1548
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.6115	0.3885	0.6123	0.2231	0.9142
magic04		0.8522	0.1478	0.8347	0.6655	0.5590
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8929	0.1071	0.7556	0.4828	0.5351
maternal		0.6634	0.2244	0.6697	0.4784	0.4572
math		0.8250	0.0875	0.7484	0.7338	0.2909
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.7478	0.2522	0.7441	0.4881	0.7563
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.8914	0.8487	0.1442
meter-D		1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac		0.9300	0.0140	0.9313	0.9222	0.0855
mfeat-fou		0.7800	0.0440	0.7786	0.7556	0.1878

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-kar		0.9200	0.0160	0.9226	0.9111	0.0890
mfeat-mor		0.7200	0.0560	0.7231	0.6889	0.1993
mfeat-pix		0.8500	0.0300	0.8538	0.8333	0.1646
mfeat-zer		0.7600	0.0480	0.7675	0.7333	0.2055
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9906	0.0063	0.9918	0.9855	0.0283
mines		0.5294	0.1882	0.4930	0.4119	0.3817
mobile		0.7238	0.0099	0.7326	0.7187	0.1222
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9167	0.0833	0.8243	0.6221	0.3997
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.7689	0.2311	0.7632	0.5263	0.7249
MUT_ci300400a_cdk_ECFP6		0.7269	0.2731	0.7166	0.4319	0.7890
MUT_ci300400a_cdk_ESTATE		0.7218	0.2782	0.7127	0.4252	0.7974
MUT_ci300400a_cdk_EXTENDED		0.7722	0.2278	0.7647	0.5292	0.7199
MUT_ci300400a_cdk_FCFP2		0.7569	0.2431	0.7479	0.4947	0.7439
MUT_ci300400a_cdk_FCFP4		0.7410	0.2590	0.7312	0.4613	0.7684
MUT_ci300400a_cdk_FCFP6		0.7686	0.2314	0.7618	0.5236	0.7262
MUT_ci300400a_cdk_MACCS		0.7386	0.2614	0.7275	0.4513	0.7670
MUT_ci300400a_cdk_PUBCHEM		0.7940	0.2060	0.7863	0.5710	0.6776
MUT_ci300400a_cdk_STANDARD		0.7653	0.2347	0.7569	0.5132	0.7308
MUT_ci300400a_rdkit_descriptors		0.7556	0.2444	0.7494	0.4986	0.7459
myocardial		0.9059	0.0235	0.4991	0.5813	0.1936
naticusdroid		0.9526	0.0474	0.9527	0.9052	0.2548
NCI60		0.5000	0.1667	0.4545	0.4000	0.1541
nci9		0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA1%		0.8849	0.0121	0.2916	0.6623	0.2833
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6640	0.3360	0.6614	0.3221	0.8645
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9431	0.0569	0.9298	0.8595	0.3204
NPHA-doctor-visits		0.5139	0.3241	0.2263	-0.0223	0.4554
nursery		0.9182	0.0409	0.6977	0.8788	0.1232
obesity		0.8436	0.0447	0.8423	0.8174	0.1907
obs		0.8704	0.0648	0.9067	0.8077	0.1806
occupancy		0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation		0.9911	0.0044	0.9682	0.9729	0.0175
oh0-wc		0.8020	0.0396	0.8419	0.7696	0.1311
oh10-wc		0.6667	0.0667	0.6805	0.6189	0.2198
oh15-wc		0.6739	0.0652	0.7124	0.6201	0.2481
oh5-wc		0.6593	0.0681	0.7510	0.6127	0.2137
ohscal-wc		0.5959	0.0808	0.6609	0.5504	0.3455
olive		0.9123	0.0195	0.8798	0.8920	0.0965
opn310k		0.9178	0.0822	0.6822	0.2975	0.5001
opn310k10%		0.9218	0.0782	0.6979	0.3444	0.5112
opnat310k-hg16-17		0.9196	0.0804	0.6906	0.3061	0.4730
optdigits		0.8327	0.0335	0.8338	0.8141	0.2053
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.7500	0.0125	0.7082	0.7436	0.0455

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.6369	0.2116	0.5304
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7990	0.2010	0.7769	0.5538	0.6902
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8095	0.1905	0.8102	0.6190	0.6431
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9781	0.0088	0.8585	0.8731	0.1368
parkinson		0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons		0.9431	0.0569	0.9399	0.8768	0.2583
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.9123	0.0877	0.8909	0.7817	0.4386
particle10%		0.9185	0.0815	0.8996	0.7991	0.4228
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5876	0.4124	0.5435	0.0262	0.6698
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9079	0.0921	0.8752	0.7500	0.4624
pediatric-leukemia		0.8235	0.0504	0.8563	0.7841	0.1345
pendigits		0.9227	0.0155	0.9218	0.9140	0.1072
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.8134	0.1866	0.7983	0.5949	0.6478
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.9500	0.0500	0.9432	0.8843	0.2437
phishing		0.9510	0.0490	0.9489	0.8976	0.2724
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.9970	0.0030	0.9970	0.9939	0.0223
phone-acc0.1%		0.7266	0.0781	0.7098	0.6799	0.2942
phone-acc1%		0.7284	0.0776	0.7131	0.6818	0.3021
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.7258	0.0784	0.7086	0.6787	0.2966
phone-gyr1%		0.7290	0.0774	0.7131	0.6826	0.2984
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.8222	0.1778	0.7734	0.5442	0.6627
phy		0.7004	0.2996	0.7005	0.4006	0.8196
pima		0.7237	0.2763	0.7029	0.3973	0.7848
pirvision		0.9895	0.0070	0.9816	0.9667	0.0635
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.7368	0.2632	0.7531	0.4809	0.6961
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th		0.9541	0.0459	0.7137	0.3798	0.4557
polish-5th		0.9374	0.0626	0.6954	0.3452	0.5045
polya		0.7568	0.2432	0.7268	0.4482	0.7501
popularity		0.6782	0.2145	0.4966	0.2540	0.4693
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.7307	0.1077	0.7289	0.6634	0.3492
pred-tox_mutagen_ref-desc		0.7353	0.2647	0.7353	0.4706	0.7723
prestige		0.8889	0.0741	0.9106	0.8235	0.1370
primary-tumor		0.3333	0.1026	0.2170	0.2508	0.3391

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6866	0.3134	0.5921	0.1145	0.7209
promoters			0.7000	0.3000	0.7674	0.4444	0.5112
prostate			0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8986	0.0405	0.8278	0.8626	0.1807
puc-rio10%			0.9034	0.0386	0.8309	0.8692	0.1683
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8778	0.1222	0.8779	0.7556	0.4920
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.7467	0.0390	0.4323	0.6582	0.2519
re1-wc			0.6867	0.0251	0.3132	0.6260	0.1882
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6328	0.3672	0.6109	0.2195	0.9032
RT_IOT2022			0.9886	0.0019	0.9140	0.9714	0.0235
satimage			0.8911	0.0363	0.8722	0.8656	0.1635
satimageF			0.9891	0.0109	0.9721	0.9442	0.1683
satimageT			0.9378	0.0622	0.8075	0.5972	0.4369
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.8456	0.1544	0.8434	0.6866	0.5723
seeds			0.9048	0.0635	0.9152	0.8571	0.1726
segment			0.9610	0.0111	0.9657	0.9544	0.0511
segmentation			0.8218	0.1782	0.8028	0.6042	0.6372
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9704	0.0054	0.9714	0.9675	0.0410
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9002	0.0998	0.7947	0.5842	0.5538
shuttle			0.9972	0.0008	0.6305	0.9922	0.0041
sick			0.9682	0.0318	0.8573	0.6981	0.2956
sirtuin6			0.8000	0.2000	0.8000	0.6000	0.6644
skin			0.9560	0.0440	0.9339	0.8677	0.3184
skin10%			0.9510	0.0490	0.9254	0.8507	0.3314
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7554	0.0815	0.6968	0.6846	0.1876
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9196	0.0804	0.9156	0.8297	0.3646
spect			0.7037	0.2963	0.6196	0.2340	0.8108
spectf			0.9143	0.0857	0.8928	0.7835	0.4068
spectrometer			0.6154	0.0285	0.4971	0.5912	0.1301
splice-EI			0.9527	0.0473	0.9418	0.8801	0.3165
splice-IE			0.9085	0.0915	0.8728	0.7456	0.4757
sport-articles			0.8600	0.1400	0.8486	0.6857	0.4988
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8662	0.0892	0.8324	0.7818	0.2897
steel-b			0.8205	0.1795	0.7371	0.4737	0.7062
steel-d			0.9744	0.0256	0.8355	0.6539	0.5313
steel-k			0.9949	0.0051	0.9921	0.9841	0.0266
steel-o			0.7846	0.2154	0.7535	0.4873	0.6684
steel-p			0.9282	0.0718	0.7481	0.4946	0.5864
steel-s			0.9897	0.0103	0.9348	0.8697	0.2729
steel-z			0.9641	0.0359	0.9005	0.8006	0.3957
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9931	0.0069	0.9882	0.9762	0.0333
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6300	0.1480	0.3505	0.3967	0.4266
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.4154	0.2338	0.3096	0.1564	0.5079
student-workday			0.7031	0.1187	0.2263	0.1443	0.3366
studentap			0.4615	0.3590	0.3636	0.1415	0.6139
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.8006	0.1994	0.7992	0.5945	0.6527
susy10%			0.7974	0.2026	0.7959	0.5882	0.6593
swarm_aligned			0.9979	0.0021	0.9976	0.9952	0.0263
swarm_flocking			0.9975	0.0025	0.9975	0.9950	0.0232
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4000	0.4000	0.3490	0.1000	0.5880
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9818	0.0033	0.9830	0.9799	0.0283
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.8000	0.2000	0.7780	0.5557	0.6888
tis			0.9073	0.0927	0.8729	0.7449	0.4617
tis10%			0.9030	0.0970	0.8638	0.7123	0.3917
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.1000	0.5250	0.6364	0.1042
tox_171			0.7647	0.1176	0.7728	0.6837	0.2378
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5749	0.1379	0.8346

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec11-wc			0.8537	0.0325	0.7724	0.8208	0.1141
trec12-wc			0.8387	0.0403	0.8853	0.8098	0.1673
trec21-wc			0.8182	0.0727	0.5154	0.6214	0.3423
trec23-wc			0.7143	0.0952	0.3882	0.5922	0.2537
trec31-wc			0.9462	0.0179	0.9594	0.9288	0.0867
trec41-wc			0.8864	0.0227	0.7576	0.8619	0.1408
trec45-wc			0.8406	0.0319	0.7807	0.8156	0.1162
tuandromd			0.9731	0.0269	0.9586	0.9172	0.2311
turkish			0.8000	0.1000	0.8099	0.7333	0.2630
tvnews			0.8685	0.1315	0.8570	0.7132	0.5277
tvnews1%			0.8923	0.1077	0.8832	0.7647	0.4545
tvnews10%			0.8782	0.1218	0.8680	0.7355	0.5034
ur3_cobotops_grip			0.9673	0.0327	0.6361	0.1894	0.4211
ur3_cobotops_stop			0.9728	0.0272	0.7757	0.5322	0.4257
urban			0.7463	0.0564	0.7686	0.7036	0.2036
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7381	0.1310	0.7041	0.6473	0.2959
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.7500	0.2500	0.7044	0.4000	0.7643
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.4848	0.0937	0.5163	0.4333	0.2532
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9142	0.0858	0.6621	0.2560	0.5187
wap-wc			0.5256	0.0474	0.3802	0.4515	0.2863
warpar10p			0.6923	0.0615	0.6055	0.6510	0.0995
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.7111	0.0825	0.7033	0.6618	0.3413
watch-acc10%			0.7011	0.0854	0.6932	0.6498	0.3506
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.7202	0.0799	0.7103	0.6729	0.3000
watch-gyr10%			0.6924	0.0879	0.6796	0.6404	0.3479
water_pollution			0.2633	0.3683	0.1917	0.0053	0.4808
waveform			0.8220	0.1187	0.8220	0.7329	0.3982
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8593	0.0938	0.6679	0.7405	0.3848
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.7391	0.1044	0.7198	0.6687	0.3922
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9876	0.0124	0.9371	0.8735	0.3108
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5409	0.1530	0.2580	0.2503	0.5274
winequality-white			0.5378	0.1541	0.3312	0.2640	0.4820
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9708	0.0083	0.9697	0.9631	0.0631
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.6875	0.0417	0.6923	0.6667	0.0787
yeast			0.5338	0.1036	0.3962	0.3961	0.3939
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.8376	0.0325	0.8226	0.8180	0.2180

Table 116: Detailed results for MDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9797	0.0203	0.5237	0.0247	0.4494
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9323	0.0677	0.4825	-0.0331	0.6496
AID_652128		0.8384	0.1077	0.3040	-0.0476	0.6183
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8357	0.1643	0.7635	0.5204	0.6475
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8837	0.1163	0.8714	0.7417	0.4884
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9875	0.0125	0.8214	0.5663	0.5239
anuran-family		0.9471	0.0264	0.8740	0.8992	0.2561
anuran-genus		0.9624	0.0094	0.8795	0.9388	0.2007
anuran-species		0.9736	0.0053	0.9417	0.9633	0.0684
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.8100	0.1900	0.8104	0.6200	0.6427
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.8725	0.1275	0.6547	0.2863	0.6608

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.5414	0.0764	0.4626	0.3315	0.6531
babies		0.4032	0.1705	0.1342	0.0680	0.4934
balance		0.9032	0.0645	0.7237	0.8244	0.3280
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8476	0.1524	0.8385	0.6769	0.5797
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9749	0.0023	0.0601	-0.0025	0.1125
bitcoin1%		0.9849	0.0043	0.1418	-0.0011	0.2492
bitcoin10%		0.9673	0.0059	0.0900	-0.0060	0.1601
body-perf		0.6187	0.1907	0.6198	0.4915	0.5109
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.7000	0.3000	0.4118	0.0000	0.4416
caesarian		0.7500	0.2500	0.8000	0.5294	0.5000
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.7700	0.0460	0.7349	0.7251	0.2948
cardiotocography-nsp		0.8732	0.0845	0.7744	0.6695	0.4694
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.7750	0.1500	0.6638	0.5824	0.4060
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.7239	0.2761	0.7219	0.4438	0.7899
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.7435	0.2565	0.7417	0.4834	0.7612

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7617	0.2383	0.7467	0.4914	0.7410
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9992	0.0008	0.8504	0.6773	0.5148
chrom191%		0.9982	0.0018	0.7055	0.3992	0.5322
chronic-kidney		0.9337	0.0663	0.7096	0.3282	0.3984
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.3810	0.4127	0.1839	0.0000	0.3169
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8083	0.0958	0.6322	0.6963	0.3368
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.6431	0.2424	0.5963
cmc		0.4490	0.3673	0.4402	0.1457	0.7789
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8695	0.0237	0.7038	0.8422	0.2621
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.9221	0.0779	0.9055	0.8092	0.4196
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.8966	0.1034	0.8839	0.7655	0.4433
colposcopies-2		0.5862	0.4138	0.5451	0.0890	0.9496
colposcopies-3		0.5862	0.4138	0.5735	0.1471	0.9416
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.6552	0.3448	0.4777	-0.0432	0.8064
colposcopies-6		0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.8710	0.1290	0.8634	0.7195	0.5250
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7548	0.2452	0.7548	0.5095	0.7424
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crowdsourced		0.9032	0.0323	0.7891	0.8050	0.3881
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.8125	0.0094	0.6307	0.8068	0.0208
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.6154	0.3846	0.3810	-0.1404	0.4667
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8160	0.1840	0.6890	0.3126	0.6061
defect		0.9043	0.0957	0.8022	0.5592	0.3930
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8462	0.1538	0.6575	0.1747	0.4663
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.3750	0.4167	0.3028	0.0000	0.6592
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7562	0.1625	0.6797	0.5911	0.4708
drug-01		0.4096	0.1687	0.2358	0.0963	0.7102
drug-02		0.5000	0.1429	0.2400	0.1433	0.6848
drug-03		0.6543	0.0988	0.1338	0.0580	0.4597
drug-04		0.5106	0.1398	0.2247	0.1159	0.6328
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.3777	0.1778	0.2341	0.2225	0.6274
drug-07		0.4521	0.1565	0.1633	0.0876	0.4662
drug-08		0.5532	0.1277	0.2256	0.1787	0.5490
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5532	0.1277	0.2588	0.1641	0.4494
drug-11		0.8351	0.0471	0.1304	0.0083	0.2626
drug-12		0.7660	0.0669	0.1247	0.0024	0.4592
drug-13		0.6011	0.1140	0.2471	0.2471	0.4133
drug-14		0.5745	0.1216	0.2328	0.2454	0.4689
drug-15		0.7500	0.0714	0.1232	0.0169	0.3327
drug-16		0.5745	0.1216	0.2935	0.3215	0.4972
drug-17		0.3511	0.1854	0.1814	0.1030	0.5862
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7447	0.0729	0.1586	0.0381	0.4818
drybean		0.9074	0.0265	0.9299	0.8883	0.1272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ecoli			0.8824	0.0392	0.7294	0.8365	0.1255
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU			0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM			0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce			0.2600	0.3700	0.1032	0.0000	0.4027
eeg			0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye			0.6862	0.3138	0.6809	0.3496	0.8155
eeg10%			0.3418	0.0823	0.3525	0.2772	0.7010
email_phishing			0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus			0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid			0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq			0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%			0.5269	0.4731	0.3451	0.0000	0.5238
fakenews			0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads			0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc			0.0366	0.1133	0.0042	0.0000	0.3744
fertility			0.7000	0.3000	0.4118	-0.1538	0.6304
finance			0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk			0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch			1.0000	0.0000	1.0000	1.0000	0.0000
flags			0.2000	0.2286	0.0476	0.0000	0.3593
forest			0.9231	0.0385	0.9008	0.8943	0.1218
gas			0.9669	0.0110	0.9652	0.9599	0.0645
gastrointestinal			0.5000	0.3333	0.2222	0.0000	0.3718
gender			0.5937	0.2709	0.3746	0.1308	0.5168
gene			0.9085	0.0610	0.9049	0.8552	0.2654
german			0.6500	0.3500	0.3939	0.0000	0.4745
gestures			0.2491	0.3754	0.0997	0.0000	0.4043
gina			0.4899	0.5101	0.3288	0.0000	0.5294
glass			0.7619	0.0794	0.7176	0.6656	0.2136
glass-g2			1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP			0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP			0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers			0.9545	0.0455	0.8483	0.6452	0.1307
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.8636	0.1364	0.7471	0.3529	0.4422
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.7368	0.2632	0.7360	0.4693	0.7643
gli_85			0.2500	0.7500	0.2000	0.0000	0.4422
glioma			0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade			0.8810	0.1190	0.8845	0.7610	0.4620
green			0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage			0.3333	0.3333	0.1250	0.0000	0.3817
gsalc			0.2222	0.2593	0.0606	0.0000	0.3838
haberman			0.7000	0.3000	0.5269	0.0426	0.8482
hapt			0.0073	0.1654	0.0012	0.0000	0.3596
har			0.7278	0.1089	0.7247	0.6569	0.4178
har70			0.0899	0.2600	0.0236	0.0000	0.3023
har701%			0.7580	0.0692	0.4292	0.6184	0.3662
har7010%			0.0899	0.2600	0.0236	0.0000	0.3023
harth1%			0.0610	0.1565	0.0096	0.0000	0.3036
harth10%			0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth			0.3125	0.4583	0.3765	-0.0732	0.6346
hcc-survival			0.6471	0.3529	0.6237	0.2388	0.8780
health-activity			0.7700	0.1150	0.2175	0.0000	0.1937
heart			0.7778	0.2222	0.7794	0.5525	0.6913
heart-attack			0.7742	0.2258	0.7741	0.5470	0.7087

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure		0.8540	0.1460	0.8247	0.6380	0.5390
heart-quantum		0.9000	0.1000	0.8970	0.7934	0.4416
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6500	0.3500	0.6483	0.2858	0.8572
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0714	0.2321	0.0417	-0.0643	0.4097
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.6313	0.2458	0.6367	0.4495	0.6075
htru2		0.9799	0.0201	0.9375	0.8736	0.2146
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.5600	0.4400	0.3590	0.0000	0.5150
jm1		0.8136	0.1864	0.6200	0.1512	0.6019
jvowels		0.9408	0.0132	0.9379	0.9329	0.0946
kc1		0.8626	0.1374	0.6845	0.3196	0.5977
kc1-class-level-defectiveornot		0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.8077	0.1923	0.6751	0.3350	0.7254
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3633	0.0707	0.3669	0.2850	0.5972
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7353	0.0230	0.7551	0.7223	0.0730
led24		0.6500	0.0778	0.6782	0.6011	0.1969
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.8235	0.0136	0.8246	0.8164	0.1857
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8333	0.0222	0.8665	0.8213	0.0740
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9972	0.0028	0.8617	0.7024	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7647	0.2353	0.7455	0.4868	0.7356
loan		0.9227	0.0773	0.9181	0.8361	0.3769
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8302	0.0485	0.6837	0.7657	0.1553
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5654	0.4346	0.5654	0.1308	0.9571
magic04		0.8096	0.1904	0.7847	0.5564	0.6305
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.4688	0.5312	0.3191	0.0000	0.5307
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.5941	0.2706	0.6040	0.3770	0.5653
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.6609	0.3391	0.6617	0.3210	0.8595
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		0.2222	0.5185	0.1212	0.0000	0.4199
meter-C		0.3333	0.3333	0.1250	0.0000	0.3773
meter-D		0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.8300	0.0340	0.8359	0.8111	0.1419
mfeat-kar		0.9650	0.0070	0.9661	0.9611	0.0435
mfeat-mor		0.7100	0.0580	0.7078	0.6778	0.1996
mfeat-pix		0.9800	0.0040	0.9806	0.9778	0.0250
mfeat-zer		0.8650	0.0270	0.8712	0.8500	0.0928
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.8962	0.0692	0.8940	0.8415	0.2459
mines		0.5588	0.1765	0.5502	0.4481	0.3702
mobile		0.7937	0.0074	0.8086	0.7899	0.0956
monks-1		0.8000	0.2000	0.8003	0.6001	0.6632
monks-2		0.8197	0.1803	0.8027	0.6051	0.6485
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
musk		0.9333	0.0667	0.8627	0.7074	0.3316
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_STANDARD		0.7880	0.2120	0.7821	0.5641	0.6927
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9075	0.0925	0.8097	0.6043	0.4838
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4306	0.3796	0.3107	-0.0569	0.7874
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.4630	0.2685	0.1582	0.0000	0.3435
occupancy		0.9878	0.0122	0.9833	0.9663	0.1347
Occupancy_Estimation		0.9911	0.0044	0.9698	0.9730	0.0335
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9066	0.0934	0.4755	-0.0091	0.4249
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr		0.9091	0.0909	0.5308	0.0456	0.6418
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9525	0.0190	0.7431	0.7257	0.3276
parkinson		0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons		0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.8985	0.1015	0.8754	0.7507	0.4861
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9189	0.0811	0.6396	0.2671	0.6352
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.9572	0.0086	0.9571	0.9524	0.0613
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.5556	0.4444	0.3571	-0.2000	0.9762
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9510	0.0490	0.9485	0.8965	0.2569
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8037	0.1963	0.7574	0.5147	0.7033
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6842	0.3158	0.6558	0.2897	0.8130
pirvision			0.9758	0.0161	0.9568	0.9220	0.1129
placement			0.7760	0.2240	0.7713	0.5423	0.7121
plant-growth			0.5263	0.4737	0.3448	0.0000	0.5239
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9597	0.0403	0.5715	0.0413	0.3170
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9429	0.0571	0.5309	0.0238	0.4448
polish-5th			0.9255	0.0745	0.6129	0.1840	0.5795
polya			0.7859	0.2141	0.7614	0.5195	0.7025
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6353	0.2647	0.8828
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.1818	0.1259	0.0237	0.0000	0.3708
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4875	0.5125	0.4875	-0.0250	1.0000
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9808	0.0192	0.9407	0.8785	0.1663
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9868	0.0132	0.9867	0.9733	0.0874
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6459	0.3541	0.6322	0.2644	0.8892
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8911	0.0363	0.8705	0.8653	0.1583
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9036	0.0964	0.6792	0.3328	0.6049
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9177	0.0235	0.9274	0.9038	0.0893
segmentation			0.8168	0.1832	0.7962	0.5893	0.6424
segmentO			0.9913	0.0087	0.9828	0.9655	0.1114
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8658	0.1342	0.5895	0.0994	0.5596
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8421	0.1579	0.5729	0.1324	0.7393
sens-6-gram			0.8658	0.1342	0.6106	0.1647	0.6204
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.9705	0.0084	0.7152	0.9192	0.3066
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9712	0.0288	0.9600	0.9168	0.2559
skin10%			0.9698	0.0302	0.9582	0.9129	0.2632
smarket			0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.6500	0.3500	0.6508	0.3000	0.8761
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9545	0.0455	0.8635	0.7270	0.4511
spambase			0.9043	0.0957	0.8998	0.7961	0.4005
spect			0.6667	0.3333	0.5452	0.0899	0.8578
spectf			0.7429	0.2571	0.7152	0.4220	0.7591
spectrometer			0.5769	0.0313	0.4298	0.5523	0.1287
splice-EI			0.9495	0.0505	0.9372	0.8716	0.3306
splice-IE			0.9054	0.0946	0.8716	0.7428	0.4920
sport-articles			0.8300	0.1700	0.8144	0.6249	0.6065
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.0821	0.9179	0.0758	0.0000	0.2013
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8681	0.1319	0.7511	0.4846	0.5969
stockb			0.3348	0.4435	0.1672	0.0000	0.4165
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7644	0.2356	0.7682	0.5142	0.6661
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.4667	0.3556	0.5111	0.2000	0.5567
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.0282	0.9718	0.0274	0.0000	0.0768
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.3227	0.6773	0.2440	0.0000	0.4945
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6898	0.2056	0.4505
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.8000	0.1000	0.8000	0.7333	0.2424
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9429	0.0571	0.5477	0.0955	0.6116
ur3_cobotops_stop			0.9646	0.0354	0.6787	0.0690	0.1045
urban			0.8060	0.0431	0.8066	0.7734	0.1662
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7500	0.1250	0.7113	0.6628	0.2622
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5455	0.0826	0.5422	0.5000	0.2154
vowelZ			0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8560	0.0960	0.8562	0.7840	0.3398

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
web-phishing			0.7407	0.1728	0.5580	0.5361	0.5834
Weekly			0.9630	0.0370	0.9627	0.9247	0.2012
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9607	0.0393	0.7714	0.5378	0.5078
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5849	0.1384	0.2751	0.3270	0.4706
winequality-white			0.5256	0.1356	0.2780	0.2668	0.4741
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5405	0.1021	0.4326	0.4126	0.4630
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2			0.9392	0.0608	0.6387	0.2761	0.6261
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 117: Detailed results for MKLSSVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0048	0.0686	0.0108	0.0036	0.4617
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.5120	0.4880	0.5358	0.0100	0.1143
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.8994	0.1006	0.7649	0.4038	0.2309
AID_1431		0.8730	0.1270	0.6016	0.2032	0.6992
AID_1431_KlekotaRothFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_MACCSFingerprinter		0.8333	0.1667	0.4545	-0.0907	0.7189
AID_1878		0.8000	0.2000	0.6415	0.2811	0.7689
AID_602330		0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128		0.7778	0.1481	0.3698	0.0294	0.5968
AID1284Morered		0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red		0.7222	0.2778	0.5709	0.1304	0.7210
AID1608Morered		0.8835	0.1165	0.5953	0.1879	0.6599
AID1608red		0.8544	0.1456	0.4607	-0.0752	0.5990
AID362red		0.8178	0.1822	0.4983	-0.0010	0.1674
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		0.7143	0.2857	0.7407	0.3636	0.5000
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID644Morered		0.7000	0.3000	0.6429	0.2857	0.8453
AID644red		0.7500	0.2500	0.6891	0.3750	0.7858
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.6667	0.3333	0.5950	0.1818	0.8134
aids		0.8967	0.1033	0.8534	0.6964	0.4470
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9944	0.0056	0.8878	0.7474	0.5000
anuran-family		0.2017	0.3992	0.3245	-0.0512	0.5298
anuran-genus		0.7288	0.0678	0.7595	0.6148	0.3699
anuran-species		0.0403	0.1919	0.0942	0.0080	0.4157
apple-quality		0.9100	0.0900	0.9101	0.8200	0.4017
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.5333	0.0718	0.2607	0.2600	0.3754
auction		0.9118	0.0882	0.7706	0.4619	0.3470
audiology		0.7826	0.0181	0.3587	0.7537	0.0551
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.6364	0.3636	0.5681	0.1200	0.8836
autism-adult		0.7714	0.2286	0.7312	0.4579	0.7397
autism-child		0.6207	0.3793	0.6256	0.2459	0.8929
autos		0.9000	0.0333	0.7554	0.8667	0.0778
babies		0.1532	0.2419	0.1948	0.0353	0.5043
balance		0.9032	0.0645	0.6256	0.8187	0.1452
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8341	0.1659	0.8168	0.6295	0.5986
basehock		0.8894	0.1106	0.8945	0.7787	0.4061
bio10%		0.9959	0.0041	0.8698	0.7253	0.2186
biodeg		0.8381	0.1619	0.8407	0.6710	0.5680
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.4979	0.0346	0.0296	-0.0034	0.1309
body-perf		0.4231	0.2884	0.4859	0.2308	0.5315
breast-cancer		0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
breast-cancer-ma		0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue		0.5455	0.1515	0.4211	0.4388	0.2402
bridges		0.4000	0.1714	0.2212	0.2405	0.2600
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		1.0000	0.0000	1.0000	1.0000	0.0000
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
car		0.9540	0.0230	0.9389	0.9035	0.1799
card		0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography		0.7371	0.0526	0.7196	0.6878	0.2505
cardiotocography-nsp		0.9202	0.0532	0.8427	0.7733	0.2415
cars		0.7250	0.1833	0.7145	0.5243	0.3580
cas_N6512_rdkit_descriptors		0.6000	0.4000	0.5971	0.1941	0.9295
cas_N6512_rdkit_FEATMORGAN		0.7711	0.2289	0.7706	0.5409	0.7156
cas_N6512_rdkit_MACCS		0.5791	0.4209	0.5896	0.1719	0.9158
cas_N6512_RDkit_MACCS_FP		0.6304	0.3696	0.6312	0.2614	0.8960
cas_N6512_RDkit_pattern_FP		0.6426	0.3574	0.6384	0.2754	0.8871
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8187	0.1813	0.8174	0.6241	0.6158
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.8848	0.1152	0.5724	0.1320	0.5759
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.7791	0.2209	0.5050	0.0073	0.4855
cervical-H		0.8837	0.1163	0.5621	0.1116	0.5612
cervical-S		0.6163	0.3837	0.5055	0.0070	0.5212
chrom191%		0.8242	0.1758	0.4518	-0.0023	0.0164
chronic-kidney		0.7470	0.2530	0.5077	0.0122	0.5600
ci900367j_MACCS		0.6211	0.3789	0.6209	0.2363	0.8821
cirrhosis		0.6190	0.2540	0.4404	0.3267	0.6324
cjs		0.9964	0.0012	0.9957	0.9956	0.0071
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7269	0.1366	0.6970	0.6117	0.3047
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.7500	0.1667	0.7856	0.5814	0.3402
cm1		0.8600	0.1400	0.5740	0.1463	0.7265
cmc		0.5238	0.3175	0.5143	0.2553	0.7095
cnae-9		0.9074	0.0206	0.9153	0.8958	0.0982
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.2200	0.1040	0.1973	0.1329	0.4486
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2		0.6552	0.3448	0.6479	0.2927	0.8632
colposcopies-3		0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4		0.5862	0.4138	0.5542	0.1031	0.8707
colposcopies-5		0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6		0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c		0.7241	0.2759	0.6234	0.2468	0.8309
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
cottonmeloidogyne		0.6899	0.3101	0.6901	0.3794	0.8322
coupon		0.7263	0.2737	0.7184	0.4346	0.7860
covtypeCD		0.8365	0.1635	0.7566	0.4787	0.6325
covtypeT		0.7436	0.2564	0.5510	0.0723	0.5060
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced		0.2166	0.2611	0.5264	0.1461	0.2495
cryotherapy		1.0000	0.0000	1.0000	1.0000	0.0000
cultivars		0.1250	0.0437	0.1000	0.1216	0.3466
cyclopentane		0.6667	0.3333	0.6657	0.3306	0.8586
cylinder-bands		0.7963	0.2037	0.7914	0.5714	0.6421

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.5157	0.4843	0.4991	-0.0014	0.7971
defect		0.8951	0.1049	0.7795	0.5119	0.4433
deposit		0.6735	0.3265	0.5707	0.1102	0.6173
depressed		0.7902	0.2098	0.5126	0.0210	0.7983
dermatology		0.8919	0.0360	0.9076	0.8662	0.1376
desharnais		0.5000	0.3333	0.4018	0.2195	0.6184
dexter		0.6167	0.3833	0.6224	0.2333	0.8822
df_final		0.4375	0.3750	0.6061	0.2258	0.3866
DIA		0.7167	0.2833	0.6471	0.2917	0.8145
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetic1%		0.5098	0.3268	0.4384	0.1823	0.7462
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.8130	0.8363	0.1548
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor		0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih		0.4583	0.5417	0.4144	-0.1642	1.0000
dlbcl-stanford		0.6000	0.4000	0.5833	0.1667	0.9308
dropout		0.7359	0.1761	0.6745	0.5711	0.4930
drug-01		0.1649	0.2386	0.1868	0.0257	0.4008
drug-02		0.3723	0.1793	0.2504	0.1380	0.4457
drug-03		0.6117	0.1109	0.1355	0.0818	0.4095
drug-04		0.4043	0.1702	0.1486	0.1450	0.3817
drug-05		0.7287	0.0775	0.1204	-0.0055	0.3061
drug-06		0.2234	0.2219	0.2195	0.1043	0.4766
drug-07		0.0691	0.2660	0.0527	0.0074	0.3782
drug-08		0.4362	0.1611	0.2077	0.1311	0.3969
drug-09		0.8564	0.0410	0.1322	0.0208	0.3524
drug-10		0.3989	0.1717	0.1339	0.1115	0.4296
drug-11		0.8245	0.0502	0.1668	0.0721	0.2455
drug-12		0.7606	0.0684	0.1242	0.0045	0.3521
drug-13		0.5053	0.1413	0.2331	0.2097	0.3852
drug-14		0.4734	0.1505	0.2607	0.1978	0.4492
drug-15		0.7021	0.0851	0.1407	0.1372	0.3640
drug-16		0.4415	0.1596	0.1955	0.2289	0.3621
drug-17		0.1968	0.2295	0.1482	0.0518	0.4911
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7287	0.0775	0.1227	0.0480	0.3908
drybean		0.3417	0.1881	0.2298	0.1308	0.4955
ecoli		0.7941	0.0515	0.5157	0.7180	0.1595
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
eeg-eye		0.5200	0.4800	0.4995	-0.0010	0.9816
eucalyptus		0.4932	0.2027	0.4804	0.3569	0.4996
euthyroid		0.8861	0.1139	0.7049	0.4073	0.6627
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.9020	0.0980	0.9009	0.8012	0.4232
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.1000	0.2250	0.1383	0.0400	0.3566
forest		0.9038	0.0481	0.9053	0.8693	0.1572
gastrointestinal		0.7500	0.1667	0.7425	0.6145	0.3815
gender		0.3200	0.4533	0.3650	0.0406	0.7070
gene		0.8580	0.0946	0.8464	0.7650	0.3092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
german		0.5700	0.4300	0.5489	0.0966	0.9327
gina		0.9510	0.0490	0.9513	0.9019	0.2542
glass		0.6667	0.1111	0.6398	0.5518	0.2886
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.8750	0.1250	0.8298	0.6000	0.2846
glioma		0.6000	0.2000	0.5000	0.4118	0.2785
glioma-grade		0.8333	0.1667	0.8286	0.6571	0.6041
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.6667	0.1667	0.6437	0.5455	0.3766
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hayes-roth		0.5000	0.3333	0.5317	0.2147	0.6091
hcc-survival		0.7059	0.2941	0.6913	0.3796	0.8165
health-activity		0.7200	0.1400	0.3177	-0.0083	0.3762
heart		0.7778	0.2222	0.7794	0.5525	0.6913
heart-attack		0.8065	0.1935	0.8096	0.6141	0.6376
heart-c		0.8333	0.1667	0.8326	0.6637	0.5926
heart-failure		0.9580	0.0420	0.9510	0.9017	0.2443
heart-quantum		0.8600	0.1400	0.8604	0.7154	0.5305
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6545	0.3455	0.6518	0.3016	0.8726
higher		0.2143	0.1964	0.1273	0.0941	0.3376
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.6875	0.3125	0.6863	0.3725	0.8375
hiv1-proteasa		0.8583	0.1417	0.7654	0.5285	0.6569
hiva		0.9551	0.0449	0.5462	0.0765	0.5927
horse		0.5000	0.3333	0.3947	0.1196	0.7567
htru2		0.8050	0.1950	0.5707	0.1311	0.6601
hypothyroid		0.4058	0.2971	0.2229	0.0182	0.4071
hypothyroidT		0.8939	0.1061	0.7453	0.4583	0.6059
ilpd		0.6949	0.3051	0.5595	0.0985	0.8400
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.4347	0.2827	0.4566	0.2462	0.6707
ionosphere		0.8571	0.1429	0.8309	0.6602	0.5698
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.6758	0.3242	0.5284	0.0560	0.8318
kc1		0.7820	0.2180	0.5969	0.1937	0.7794
kc1-class-level-defectiveornot		0.6000	0.4000	0.5833	0.1667	0.9308
kc1-class-level-numericdefect		0.3571	0.0536	0.0278	0.1127	0.0916
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kepler		0.8180	0.1213	0.7802	0.7081	0.3586
kidney-disease		0.9250	0.0750	0.9282	0.8462	0.3145
krvskp		0.9875	0.0125	0.9875	0.9749	0.0906
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.5882	0.0206	0.3561	0.5754	0.1170

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
led24			0.5000	0.1000	0.5029	0.4398	0.2288
lenses			1.0000	0.0000	1.0000	1.0000	0.0000
leukemia			0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2			0.7143	0.2857	0.7407	0.3636	0.4644
libra			0.6944	0.0407	0.7435	0.6725	0.1268
liver			0.7353	0.2647	0.7218	0.4354	0.7621
loan			0.9321	0.0679	0.9273	0.8538	0.3284
localization10%			0.0534	0.1721	0.0952	0.0094	0.6863
lrs			0.6981	0.0604	0.3614	0.5814	0.2550
lung			0.9048	0.0381	0.8411	0.8100	0.0677
lung_discrete			0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer			0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1			0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2			0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan			1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario			1.0000	0.0000	1.0000	1.0000	0.0000
lupus			0.8889	0.1111	0.8953	0.7692	0.3145
lymphography			0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2			0.6667	0.0741	0.3218	0.5424	0.0906
machine-failure			0.9149	0.0851	0.9124	0.8247	0.3936
madelon			0.5885	0.4115	0.5885	0.1769	0.9383
magic04			0.6065	0.3935	0.6029	0.1994	0.8851
mammography			0.6354	0.3646	0.6370	0.2493	0.8378
maternal			0.5941	0.2706	0.6084	0.3787	0.5777
messidor			0.6348	0.3652	0.6268	0.2535	0.8987
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8889	0.0556	0.8730	0.8448	0.1217
meter-D			0.8889	0.0556	0.8250	0.8462	0.1252
mfeat-fac			0.9600	0.0080	0.9627	0.9556	0.0436
mfeat-fou			0.6800	0.0640	0.7341	0.6444	0.2300
mfeat-kar			0.9300	0.0140	0.9329	0.9222	0.0854
mfeat-mor			0.3200	0.1360	0.3963	0.2444	0.4113
mfeat-pix			0.9850	0.0030	0.9856	0.9833	0.0186
mfeat-zer			0.7900	0.0420	0.8088	0.7667	0.1075
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.8962	0.0692	0.8919	0.8403	0.2348
mines			0.3529	0.2588	0.3249	0.1807	0.3992
monks-1			0.9455	0.0545	0.9457	0.8908	0.2776
monks-2			0.9016	0.0984	0.8896	0.7771	0.4287
monks-3			0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
musk			0.9970	0.0030	0.9943	0.9885	0.0649
MUT_ci300400a_cdk_ESTATE			0.7782	0.2218	0.7698	0.5380	0.7064
MUT_ci300400a_cdk_MACCS			0.7938	0.2062	0.7880	0.5759	0.6823
MUT_ci300400a_rdkit_descriptors			0.8296	0.1704	0.8250	0.6494	0.6083
myocardial			0.8412	0.0397	0.2462	0.4542	0.3765
naticusdroid			0.7920	0.2080	0.7920	0.5840	0.6792
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.0000	0.2222	0.0000	0.0000	0.3770
ncRNA1%			0.0193	0.1032	0.0273	0.0100	0.7041
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
newspop			0.5888	0.4112	0.5866	0.1731	0.9389
NHANES_age_prediction			0.9648	0.0352	0.9319	0.8617	0.2430
NPHA-doctor-visits			0.4722	0.3519	0.3861	0.0958	0.7416
nursery			0.9576	0.0212	0.8632	0.9373	0.0674

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
obs		0.9167	0.0417	0.9316	0.8748	0.1320
occupancy		0.4917	0.5083	0.4976	-0.0039	0.7986
Occupancy_Estimation		0.9161	0.0420	0.6676	0.7361	0.1201
oh0-wc		0.3267	0.1347	0.3849	0.2625	0.3486
oh10-wc		0.2095	0.1581	0.2398	0.1047	0.4012
oh15-wc		0.2174	0.1565	0.2884	0.1412	0.3816
oh5-wc		0.2418	0.1516	0.3690	0.1845	0.4146
olive		0.9298	0.0156	0.9174	0.9123	0.0441
opn310k10%		0.5253	0.4747	0.4651	-0.0365	0.4662
optdigits		0.9537	0.0093	0.9596	0.9486	0.0556
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.8400	0.1600	0.8264	0.6528	0.6022
ozone1hr		0.9605	0.0395	0.5970	0.1516	0.5272
ozone8hr		0.8933	0.1067	0.5395	0.0753	0.6985
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8351	0.1649	0.8139	0.6271	0.6159
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8837	0.7626	0.4657
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.5996	0.1601	0.4369	0.1968	0.5183
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle10%		0.5254	0.4746	0.5367	0.0646	0.8503
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.3874	0.6126	0.4601	-0.0272	0.3510
pcmac		0.5619	0.4381	0.5072	0.0110	0.9120
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9211	0.0789	0.8992	0.7966	0.4359
pediatric-leukemia		0.3529	0.1849	0.2799	0.1624	0.3268
pendigits		0.3703	0.1259	0.4236	0.3037	0.4721
period		0.7778	0.2222	0.7500	0.5000	0.7296
period-10f		0.4444	0.5556	0.4208	-0.1538	0.9711
phishing		0.9592	0.0408	0.9572	0.9144	0.2360
phoneme		0.6185	0.3815	0.6492	0.2596	0.7598
pima		0.6974	0.3026	0.6722	0.3318	0.8143
pirvision		0.9066	0.0623	0.8094	0.7317	0.3936
placement		0.4940	0.5060	0.5709	0.0884	0.7628
plrx		0.6111	0.3889	0.3793	-0.1887	0.9536
poker1%		0.3083	0.1383	0.0776	0.0416	0.3323
polish-1st		0.7283	0.2717	0.4576	-0.0384	0.3143
polish-2nd		0.8250	0.1750	0.4770	-0.0309	0.4071
polish-3rd		0.6857	0.3143	0.4957	-0.0041	0.3490
polish-4th		0.6337	0.3663	0.5415	0.0373	0.3450
polish-5th		0.7140	0.2860	0.5127	0.0169	0.4853
polya		0.6670	0.3330	0.6526	0.3025	0.8536
post-operative		0.7778	0.1481	0.5000	0.5000	0.3648
pred-tox_mutagen_ref-desc		0.6765	0.3235	0.6768	0.3529	0.8487
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.2424	0.0689	0.1408	0.1725	0.2994
profb		0.6418	0.3582	0.6227	0.2408	0.8663
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate		0.5000	0.5000	0.5000	0.0000	0.9876
prostate_GE		0.7273	0.2727	0.7609	0.4211	0.4644
pufs-641%		0.5062	0.4938	0.5063	0.0125	0.9963
pulsar		0.4948	0.5052	0.4665	-0.0339	0.4668
raisin		0.8889	0.1111	0.8904	0.7778	0.4479
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.4949	0.5051	0.4982	-0.0034	0.9773
satimage			0.7885	0.0705	0.7653	0.7376	0.2149
satimageF			0.9876	0.0124	0.9684	0.9367	0.1925
satimageT			0.9440	0.0560	0.8267	0.6254	0.3483
scadi			0.5714	0.1224	0.3556	0.4615	0.1395
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.5865	0.1280	0.5676
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.6364	0.1039	0.6232	0.5749	0.2952
segmentation			0.7822	0.2178	0.7626	0.5252	0.7156
segmentO			0.7706	0.2294	0.6930	0.3479	0.6678
seismic			0.6473	0.3527	0.5237	0.0257	0.4193
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.6368	0.3632	0.4953	-0.0077	0.6740
sens-10-gram			0.6168	0.3832	0.5164	0.0257	0.6558
sens-2-gram			0.6632	0.3368	0.5579	0.0946	0.6601
sens-3-gram			0.7711	0.2289	0.5566	0.1113	0.7526
sens-4-gram			0.8000	0.2000	0.5624	0.1248	0.7676
sens-5-gram			0.7737	0.2263	0.5289	0.0577	0.7692
sens-6-gram			0.7789	0.2211	0.5617	0.1221	0.7555
sens-7-gram			0.7447	0.2553	0.5196	0.0381	0.7511
sens-8-gram			0.7816	0.2184	0.5096	0.0193	0.7830
sens-9-gram			0.6289	0.3711	0.4721	-0.0465	0.6778
shoppers			0.6748	0.3252	0.5670	0.1186	0.7214
sick			0.7480	0.2520	0.5793	0.1083	0.4851
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin10%			0.5539	0.4461	0.6874	0.2439	0.4918
smarket			0.8880	0.1120	0.8895	0.7754	0.4469
smk_can_187			0.7368	0.2632	0.7449	0.4633	0.6993
solar-flare			0.7050	0.0983	0.6256	0.6311	0.2686
sonar			0.6500	0.3500	0.6508	0.3000	0.8761
soybean			0.8824	0.0124	0.8659	0.8695	0.0599
spambase			0.7717	0.2283	0.7585	0.5158	0.7226
spect			0.6296	0.3704	0.5723	0.1346	0.8110
spectf			0.8000	0.2000	0.8016	0.5739	0.6162
spectrometer			0.1887	0.0338	0.0642	0.1550	0.2453
splice-EI			0.9401	0.0599	0.9203	0.8405	0.3518
splice-IE			0.8959	0.1041	0.8540	0.7078	0.5119
sport-articles			0.7600	0.2400	0.7346	0.4612	0.7351
squash-stored			0.6000	0.2667	0.6667	0.4118	0.3599
squash-unstored			0.4000	0.4000	0.2222	0.0625	0.4723
steel_industry			0.3248	0.4502	0.3776	0.0521	0.7466
steel-b			0.8667	0.1333	0.7802	0.5410	0.5581
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9744	0.0256	0.9604	0.9206	0.1989
steel-o			0.8410	0.1590	0.8209	0.6363	0.5814
steel-p			0.9385	0.0615	0.7560	0.4711	0.4407
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9641	0.0359	0.9061	0.8093	0.4129
stock			0.7778	0.2222	0.6675	0.3295	0.7519
stockb			0.3040	0.4640	0.3272	-0.0445	0.6997
streaming			0.8840	0.1160	0.8827	0.7655	0.4790
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5100	0.1960	0.3146	0.2779	0.5946
student-weekend			0.1538	0.3385	0.1847	-0.0282	0.7885

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
student-workday			0.4844	0.2062	0.2108	0.1092	0.7450
studentap			0.5385	0.3077	0.5342	0.2778	0.6089
susy1%			0.7308	0.2692	0.7278	0.4537	0.7768
tae			0.4667	0.3556	0.5218	0.2000	0.5978
texture			0.6109	0.0707	0.6978	0.5699	0.1925
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7447	0.2553	0.5503	0.0990	0.7759
thrombin			0.9476	0.0524	0.4866	-0.0258	0.5125
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis10%			0.7687	0.2313	0.6625	0.0886	0.3872
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4545	0.6364	0.0779
tox_171			0.6471	0.1765	0.7525	0.5364	0.2475
toxicity			0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f			0.6471	0.3529	0.5858	0.1639	0.8952
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.6088	0.1877	0.7707
trec11-wc			0.3902	0.1355	0.5313	0.3189	0.2785
trec12-wc			0.5806	0.1048	0.5647	0.4918	0.2748
trec21-wc			0.7273	0.0909	0.2471	0.3250	0.1582
trec23-wc			0.6667	0.1111	0.7693	0.5751	0.1761
trec31-wc			0.6129	0.1290	0.5698	0.5092	0.3266
trec41-wc			0.4773	0.1045	0.4842	0.3898	0.2567
trec45-wc			0.4928	0.1014	0.4869	0.4103	0.2798
tuandromd			0.9843	0.0157	0.9754	0.9507	0.1231
turkish			0.6500	0.1750	0.6964	0.5333	0.2983
tvnews1%			0.8615	0.1385	0.8514	0.7027	0.5500
tvnews10%			0.8196	0.1804	0.8055	0.6110	0.6429
ur3_cobotops_grip			0.3864	0.6136	0.5009	0.0003	0.1738
ur3_cobotops_stop			0.7007	0.2993	0.5139	0.0112	0.2899
urban			0.7313	0.0597	0.7562	0.6877	0.1980
vehicle			0.7857	0.1071	0.7821	0.7151	0.1965
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.6667	0.3333	0.7500	0.4000	0.5283
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.4545	0.0992	0.5807	0.4000	0.2513
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
warpar10p			0.8462	0.0308	0.7652	0.8267	0.0461
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
waveform			0.7900	0.1400	0.7944	0.6853	0.4254
web-phishing			0.8519	0.0988	0.7827	0.7333	0.4090
Weekly			0.9537	0.0463	0.9533	0.9064	0.2542
white-clover			0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.6108	0.3892	0.5339	0.0275	0.3180
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6352	0.1216	0.3372	0.4514	0.5139
winequality-white			0.4969	0.1437	0.3202	0.3343	0.4808
wisc_bc			0.9298	0.0702	0.9246	0.8492	0.3528
yale			0.4375	0.0750	0.4308	0.4000	0.1937
yeast			0.4459	0.1108	0.3540	0.3383	0.4136
yeastCYT-POX			0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC			0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1			0.4662	0.5338	0.4141	-0.0281	0.1722
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164

Table 118: Detailed results for MKLSSVM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1535	0.0584	0.0962	0.0790	0.5370
abalone19		0.4976	0.5024	0.4532	-0.0048	0.0535
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.5602	0.4398	0.5268	0.0082	0.1237
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9299	0.0701	0.8587	0.7169	0.4962
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8730	0.1270	0.6016	0.2032	0.6992
AID_1431_KlekotaRothFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_MACCSFingerprinter		0.8333	0.1667	0.4545	-0.0907	0.7189
AID_1878		0.7714	0.2286	0.6299	0.2593	0.7826
AID_602330		0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128		0.7879	0.1414	0.3697	0.0043	0.5939
AID1284Morered		0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red		0.7222	0.2778	0.5709	0.1304	0.7210
AID1608Morered		0.8835	0.1165	0.5953	0.1879	0.6599
AID1608red		0.8544	0.1456	0.4607	-0.0752	0.5990
AID362red		0.9766	0.0234	0.4941	-0.0113	0.5794
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		0.7143	0.2857	0.7407	0.3636	0.5000
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID644Morered		0.7000	0.3000	0.6429	0.2857	0.8453
AID644red		0.7500	0.2500	0.6891	0.3750	0.7858
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.6667	0.3333	0.5950	0.1818	0.8134
aids		0.8967	0.1033	0.8534	0.6964	0.4470
air_pollution		0.1500	0.2429	0.1811	0.0377	0.5923
alcohol		0.8381	0.0648	0.7255	0.6696	0.2352
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.8093	0.1907	0.7896	0.5790	0.6666
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.7580	0.1210	0.7711	0.5571	0.3499
anuran-genus		0.4312	0.1422	0.6388	0.2386	0.5070
anuran-species		0.9500	0.0100	0.9211	0.9307	0.1402
anxiety		0.0667	0.2074	0.0652	-0.0498	0.8465
apple-quality		0.9100	0.0900	0.9101	0.8200	0.4017
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.6222	0.0581	0.3203	0.3218	0.3315
auction		0.7990	0.2010	0.6439	0.2750	0.7057
audiology		0.7826	0.0181	0.3420	0.7439	0.0668
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.6364	0.3636	0.5681	0.1200	0.8836
autism-adult		0.7714	0.2286	0.7312	0.4579	0.7397
autism-child		0.6207	0.3793	0.6256	0.2459	0.8929
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.2204	0.1299	0.3098	0.0961	0.8214
babies		0.4597	0.1544	0.1545	0.1564	0.4631
balance		0.9194	0.0538	0.7571	0.8521	0.2323
bank		0.8344	0.1656	0.6321	0.2608	0.7114
banknote		0.5109	0.4891	0.5206	0.0396	0.9683
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8341	0.1659	0.8168	0.6295	0.5986

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
basehock		0.8945	0.1055	0.8990	0.7888	0.3968
bio10%		0.9959	0.0041	0.8698	0.7253	0.2186
biodeg		0.8381	0.1619	0.8407	0.6710	0.5680
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.6608	0.0234	0.0437	0.0034	0.1641
body-perf		0.6866	0.1567	0.6864	0.5821	0.4658
brain-tumor		0.4905	0.5095	0.4905	-0.0191	1.0000
breast-cancer		0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.8000	0.0571	0.6234	0.7297	0.1179
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		1.0000	0.0000	1.0000	1.0000	0.0000
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.0990	0.6007	0.0601	0.0000	0.4064
car		0.9540	0.0230	0.9389	0.9035	0.1799
car-insurance		0.6130	0.3870	0.6212	0.2248	0.8325
card		0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography		0.8216	0.0357	0.7757	0.7863	0.2243
cardiotocography-nsp		0.9202	0.0532	0.8391	0.7732	0.2826
cargo2k		0.9822	0.0118	0.9826	0.9733	0.0580
cars		0.8000	0.1333	0.7429	0.6421	0.3658
cas_N6512_cdk_ECFP2		0.7573	0.2427	0.7563	0.5125	0.7391
cas_N6512_rdkit_ATOMPAIR		0.7446	0.2554	0.7425	0.4847	0.7591
cas_N6512_RDkit_AtomPair_FP		0.6794	0.3206	0.6773	0.3546	0.8477
cas_N6512_rdkit_AVALON		0.7680	0.2320	0.7662	0.5322	0.7219
cas_N6512_RDkit_Avalon_FP		0.7684	0.2316	0.7687	0.5364	0.7178
cas_N6512_rdkit_descriptors		0.5354	0.4646	0.5538	0.0966	0.9194
cas_N6512_rdkit_FEATMORGAN		0.7558	0.2442	0.7543	0.5086	0.7422
cas_N6512_RDkit_Featmorgan_FP		0.7638	0.2362	0.7624	0.5248	0.7292
cas_N6512_RDkit_FP		0.6166	0.3834	0.6108	0.2179	0.9083
cas_N6512_rdkit_LAYERED		0.5262	0.4738	0.5466	0.0817	0.9162
cas_N6512_RDkit_Layered_FP		0.7561	0.2439	0.7541	0.5076	0.7405
cas_N6512_rdkit_MACCS		0.7727	0.2273	0.7707	0.5403	0.7120
cas_N6512_RDkit_MACCS_FP		0.5690	0.4310	0.5674	0.1348	0.9535
cas_N6512_rdkit_MORGAN		0.7831	0.2169	0.7817	0.5635	0.6965
cas_N6512_RDkit_morgan_FP		0.7745	0.2255	0.7728	0.5454	0.7109
cas_N6512_rdkit_PATTERN		0.5969	0.4031	0.6145	0.2123	0.8752
cas_N6512_RDkit_pattern_FP		0.7423	0.2577	0.7408	0.4816	0.7630
cas_N6512_rdkit_RDKITFP		0.6298	0.3702	0.6271	0.2338	0.8555
cas_N6512_rdkit_TORSION		0.7277	0.2723	0.7252	0.4494	0.7829
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8187	0.1813	0.8174	0.6241	0.6158
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9050	0.0950	0.6622	0.2868	0.5606
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.8996	0.1004	0.5834	0.1588	0.6030
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9419	0.0581	0.7589	0.5147	0.5542
cervical-C		0.7093	0.2907	0.5398	0.0461	0.4193
cervical-H		0.7674	0.2326	0.5828	0.0966	0.3952
cervical-S		0.5698	0.4302	0.5967	0.1057	0.4434
children-anemia		0.8600	0.0700	0.8054	0.7895	0.2513
chrom191%		0.9312	0.0688	0.4822	-0.0023	0.0310
chronic-kidney		0.7470	0.2530	0.5077	0.0122	0.5600
churn		0.8240	0.1760	0.7062	0.4061	0.7074
churn-bigml		0.8914	0.1086	0.7755	0.5503	0.6070
ci900367j_MACCS		0.6211	0.3789	0.6209	0.2363	0.8821
circles		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cirrhosis		0.6429	0.2381	0.5529	0.3787	0.5711
cjs		0.9964	0.0012	0.9964	0.9956	0.0057
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8537	0.0731	0.7551	0.7700	0.2531
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.8333	0.1111	0.8611	0.7273	0.2807
cm1		0.8600	0.1400	0.5740	0.1463	0.7265
cmc		0.5374	0.3084	0.5263	0.2658	0.6974
cnae-9		0.8704	0.0288	0.8840	0.8542	0.1224
codon_usage		0.9087	0.0166	0.8109	0.8895	0.1878
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.3000	0.0933	0.3103	0.2308	0.4190
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2		0.6552	0.3448	0.6479	0.2927	0.8632
colposcopies-3		0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4		0.5862	0.4138	0.5542	0.1031	0.8707
colposcopies-5		0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6		0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c		0.7241	0.2759	0.6234	0.2468	0.8309
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7419	0.1720	0.6451	0.5804	0.3096
cottonmeloidogyne		0.6899	0.3101	0.6901	0.3794	0.8322
coupon		0.7256	0.2744	0.7175	0.4328	0.7870
covtypeCD		0.8082	0.1918	0.7072	0.3862	0.6690
covtypeT		0.4912	0.5088	0.5663	0.0530	0.3367
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
crowdsourced		0.9401	0.0200	0.8545	0.8742	0.1374
cryotherapy		1.0000	0.0000	1.0000	1.0000	0.0000
cultivars		0.5000	0.0250	0.3561	0.4854	0.0674
customer-churn		0.4310	0.5690	0.5079	0.0021	0.1212
cybersecurity		0.1433	0.2856	0.1119	-0.0234	0.6884
cyclopentane		0.6667	0.3333	0.6657	0.3306	0.8586
cylinder-bands		0.7963	0.2037	0.7914	0.5714	0.6421
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.5587	0.4413	0.4973	-0.0049	0.8282
defect		0.8951	0.1049	0.7795	0.5119	0.4433
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8885	0.1115	0.6940	0.3779	0.6446
depressed		0.7902	0.2098	0.5126	0.0210	0.7983
dermatology		0.9189	0.0270	0.9131	0.8985	0.0722
desharnais		0.6250	0.2500	0.4037	0.2727	0.4605
dexter		0.6167	0.3833	0.6224	0.2333	0.8822
df_final		0.5000	0.3333	0.3810	0.2000	0.5537
DIA		0.7167	0.2833	0.6471	0.2917	0.8145
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetic1%		0.5882	0.2745	0.4921	0.2380	0.6654
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor		0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih		0.4583	0.5417	0.4144	-0.1642	1.0000
dlbcl-stanford		0.6000	0.4000	0.5833	0.1667	0.9308
dota210%		0.5282	0.4718	0.5255	0.0509	0.9835

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drebin		0.9904	0.0096	0.9899	0.9797	0.0805
dropout		0.7088	0.1941	0.6192	0.5182	0.5262
drug-01		0.3670	0.1809	0.1694	0.0381	0.5490
drug-02		0.5106	0.1398	0.2302	0.1545	0.6621
drug-03		0.6862	0.0897	0.1777	0.1074	0.3515
drug-04		0.5160	0.1383	0.1977	0.1358	0.6250
drug-05		0.7340	0.0760	0.1213	0.0142	0.1873
drug-06		0.4043	0.1702	0.2589	0.2559	0.6013
drug-07		0.4149	0.1672	0.1465	0.0465	0.4651
drug-08		0.5798	0.1201	0.2630	0.2266	0.5898
drug-09		0.8617	0.0395	0.1322	-0.0062	0.2209
drug-10		0.5213	0.1368	0.1450	0.0897	0.4753
drug-11		0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12		0.7766	0.0638	0.1249	-0.0203	0.3219
drug-13		0.6064	0.1125	0.2423	0.2550	0.4900
drug-14		0.5745	0.1216	0.2236	0.2169	0.5591
drug-15		0.7500	0.0714	0.1960	0.0322	0.3840
drug-16		0.5691	0.1231	0.2819	0.2883	0.5557
drug-17		0.3457	0.1869	0.1889	0.1032	0.6736
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7553	0.0699	0.1237	0.0102	0.3187
drybean		0.4960	0.1440	0.5051	0.3827	0.4889
ecoli		0.7941	0.0515	0.4802	0.7122	0.1423
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2000	0.4000	0.2028	-0.0633	0.8752
eeg-eye		0.5547	0.4453	0.5503	0.1006	0.9648
eeg10%		0.3858	0.0768	0.4031	0.3175	0.6102
eucalyptus		0.5205	0.1918	0.4932	0.3885	0.5339
euthyroid		0.6994	0.3006	0.5428	0.0662	0.5892
fakenews		0.4925	0.5075	0.4925	-0.0151	1.0000
fbis-wc		0.7398	0.0306	0.6976	0.7056	0.2733
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.9020	0.0980	0.9009	0.8012	0.4232
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3000	0.1750	0.0577	0.0000	0.3283
forest		0.8654	0.0673	0.8274	0.8149	0.1888
gas		0.7498	0.0834	0.7792	0.7024	0.2683
gastrointestinal		0.7500	0.1667	0.7425	0.6145	0.3815
gender		0.4000	0.4000	0.3923	0.0927	0.7273
gene		0.8707	0.0862	0.8572	0.7877	0.2992
german		0.5700	0.4300	0.5489	0.0966	0.9327
gestures		0.7723	0.1139	0.7912	0.6963	0.3294
gina		0.9510	0.0490	0.9513	0.9019	0.2542
glass		0.6667	0.1111	0.6786	0.5333	0.2938
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.8750	0.1250	0.8298	0.6000	0.2846
glioma		0.6000	0.2000	0.5000	0.4118	0.2785
glioma-grade		0.8333	0.1667	0.8286	0.6571	0.6041

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
green			0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage			0.6000	0.2000	0.6395	0.4512	0.3945
gsalc			1.0000	0.0000	1.0000	1.0000	0.0000
haberman			0.7333	0.2667	0.6323	0.2593	0.8242
har			0.8267	0.0693	0.8467	0.7836	0.2127
har701%			0.4951	0.1442	0.3966	0.3567	0.3413
hayes-roth			0.6875	0.2083	0.6964	0.5152	0.3866
hcc-survival			0.7059	0.2941	0.6913	0.3796	0.8165
health-activity			0.7800	0.1100	0.3343	0.0690	0.1892
heart			0.7778	0.2222	0.7794	0.5525	0.6913
heart-attack			0.8065	0.1935	0.8096	0.6141	0.6376
heart-c			0.8333	0.1667	0.8326	0.6637	0.5926
heart-failure			0.9580	0.0420	0.9510	0.9017	0.2443
heart-quantum			0.8600	0.1400	0.8604	0.7154	0.5305
hepatitis			0.7333	0.2667	0.6779	0.3333	0.7333
hERG-121inputs			1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs			0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%			0.6545	0.3455	0.6518	0.3016	0.8726
higher			0.2857	0.1786	0.2483	0.1195	0.3142
hinselmann			0.8000	0.2000	0.6875	0.3750	0.7500
hitters			0.6875	0.3125	0.6863	0.3725	0.8375
hiv1-proteasa			0.8583	0.1417	0.7654	0.5285	0.6569
hiva			0.9551	0.0449	0.5462	0.0765	0.5927
horse			0.4722	0.3519	0.3754	0.0630	0.7777
hotel-reservartions			0.3277	0.6723	0.2468	0.0000	0.4971
hr			0.7018	0.2982	0.4939	-0.0115	0.7420
htru2			0.7318	0.2682	0.6418	0.2088	0.5399
hypothyroid			0.4668	0.2666	0.3827	0.0861	0.3002
hypothyroidT			0.9231	0.0769	0.7583	0.5123	0.6083
ilpd			0.6949	0.3051	0.5595	0.0985	0.8400
immuno-therapy			0.7778	0.2222	0.6786	0.3571	0.7720
instagram			0.4767	0.2617	0.5011	0.3022	0.5323
ionosphere			0.8571	0.1429	0.8309	0.6602	0.5698
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			1.0000	0.0000	1.0000	1.0000	0.0000
jm1			0.3912	0.6088	0.4757	-0.0304	0.6792
jvowels			0.9940	0.0013	0.9928	0.9932	0.0109
kc1			0.4076	0.5924	0.4525	-0.0574	0.6255
kc1-class-level-defectiveornot			0.6000	0.4000	0.5833	0.1667	0.9308
kc1-class-level-numericdefect			0.2857	0.0595	0.0222	0.0000	0.2964
kc1-class-level-top5percentDF			0.8667	0.1333	0.4643	-0.0714	0.6717
kc2			0.8077	0.1923	0.6594	0.2798	0.6895
kddcup981%			0.9474	0.0526	0.4865	0.0000	0.1408
kepler			0.8400	0.1067	0.7949	0.7402	0.3273
kidney			0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease			0.9250	0.0750	0.9282	0.8462	0.3145
krkopt			0.3109	0.0766	0.4168	0.2340	0.5472
krvskp			0.9875	0.0125	0.9875	0.9749	0.0906
labor			1.0000	0.0000	1.0000	1.0000	0.0000
leaf			0.7353	0.0132	0.4395	0.7236	0.0461
led24			0.6000	0.0800	0.5986	0.5506	0.1952
lenses			1.0000	0.0000	1.0000	1.0000	0.0000
leukemia			0.7143	0.1905	0.7778	0.5882	0.2985
leukemia2			0.7143	0.2857	0.7407	0.3636	0.4644
libra			0.9167	0.0111	0.9305	0.9105	0.0381
linkage1%			0.9115	0.0885	0.6451	0.0560	0.1015
liver			0.7353	0.2647	0.7218	0.4354	0.7621

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
loan			0.9321	0.0679	0.9273	0.8538	0.3284
localization10%			0.2979	0.1276	0.2664	0.1970	0.7307
lrs			0.8113	0.0377	0.4741	0.7371	0.1477
lung			0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete			1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer			0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1			0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2			0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan			1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario			1.0000	0.0000	1.0000	1.0000	0.0000
lupus			0.8889	0.1111	0.8953	0.7692	0.3145
lymphography			0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2			0.6667	0.0741	0.3077	0.4706	0.1572
machine-failure			0.9149	0.0851	0.9124	0.8247	0.3936
madelon			0.5885	0.4115	0.5885	0.1769	0.9383
magic04			0.5055	0.4945	0.5262	0.0478	0.9121
malware			1.0000	0.0000	1.0000	1.0000	0.0000
mammography			0.8229	0.1771	0.8251	0.6468	0.6085
marketing			0.1473	0.8527	0.1284	0.0000	0.3182
maternal			0.6040	0.2640	0.6146	0.3922	0.5700
math			0.7000	0.1500	0.6721	0.5455	0.4961
mba			0.7694	0.1538	0.3787	0.1343	0.4151
mental-disorders			0.9167	0.0417	0.9270	0.8889	0.0776
mental-health			0.2100	0.3160	0.2068	0.0117	0.8659
messidor			0.6348	0.3652	0.6268	0.2535	0.8987
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8889	0.0556	0.8291	0.8462	0.1205
meter-D			0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac			0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-fou			0.8350	0.0330	0.8363	0.8167	0.1132
mfeat-kar			0.9850	0.0030	0.9854	0.9833	0.0188
mfeat-mor			0.7100	0.0580	0.7219	0.6778	0.1928
mfeat-pix			0.9850	0.0030	0.9856	0.9833	0.0186
mfeat-zer			0.8050	0.0390	0.8086	0.7833	0.1062
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.9906	0.0063	0.9919	0.9855	0.0311
mines			0.5588	0.1765	0.5533	0.4481	0.3776
mobile			0.8007	0.0071	0.8212	0.7971	0.0882
monks-1			0.9455	0.0545	0.9457	0.8908	0.2776
monks-2			0.9016	0.0984	0.8945	0.7870	0.4500
monks-3			0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
musk			0.9985	0.0015	0.9971	0.9942	0.0375
MUT_ci300400a_cdk_ECFP2			0.8141	0.1859	0.8087	0.6174	0.6435
MUT_ci300400a_cdk_ECFP4			0.8443	0.1557	0.8399	0.6797	0.5801
MUT_ci300400a_cdk_ECFP6			0.8024	0.1976	0.7963	0.5924	0.6658
MUT_ci300400a_cdk_ESTATE			0.7782	0.2218	0.7698	0.5380	0.7064
MUT_ci300400a_cdk_EXTENDED			0.8225	0.1775	0.8174	0.6348	0.6266
MUT_ci300400a_cdk_FCFP2			0.8311	0.1689	0.8255	0.6505	0.6067
MUT_ci300400a_cdk_FCFP4			0.8082	0.1918	0.8024	0.6049	0.6552
MUT_ci300400a_cdk_FCFP6			0.8106	0.1894	0.8056	0.6111	0.6505
MUT_ci300400a_cdk_MACCS			0.7914	0.2086	0.7853	0.5706	0.6867
MUT_ci300400a_cdk_PUBCHEM			0.7329	0.2671	0.7395	0.4024	0.5817
MUT_ci300400a_cdk_STANDARD			0.8299	0.1701	0.8256	0.6510	0.6113
MUT_ci300400a_rdkit_descriptors			0.8296	0.1704	0.8250	0.6497	0.6088
myocardial			0.8706	0.0324	0.3025	0.4879	0.3706

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
naticusdroid		0.7971	0.2029	0.7973	0.5943	0.6685
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.3333	0.1481	0.1709	0.2258	0.1741
ncRNA1%		0.0703	0.0979	0.2625	0.0553	0.5517
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6597	0.3403	0.6575	0.3147	0.8702
NHANES_age_prediction		0.9648	0.0352	0.9319	0.8617	0.2430
NPHA-doctor-visits		0.5000	0.3333	0.3738	0.0749	0.6917
nursery		0.9730	0.0135	0.9424	0.9603	0.0649
obesity		0.9479	0.0149	0.9480	0.9391	0.0765
obs		0.9167	0.0417	0.9399	0.8748	0.1245
occupancy		0.7218	0.2782	0.7163	0.3917	0.6924
Occupancy_Estimation		0.9664	0.0168	0.9164	0.8931	0.0761
oh0-wc		0.5446	0.0911	0.5112	0.4586	0.3164
oh10-wc		0.5524	0.0895	0.5337	0.4864	0.3899
oh15-wc		0.3478	0.1304	0.3691	0.2272	0.3746
oh5-wc		0.3407	0.1319	0.3827	0.2468	0.3936
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%		0.7264	0.2736	0.4446	-0.0934	0.5994
optdigits		0.9751	0.0050	0.9766	0.9723	0.0366
optdigitsZ		0.9947	0.0053	0.9834	0.9668	0.0845
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.8400	0.1600	0.8264	0.6528	0.6022
ozone1hr		0.9605	0.0395	0.5970	0.1516	0.5272
ozone8hr		0.8933	0.1067	0.5395	0.0753	0.6985
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8351	0.1649	0.8139	0.6271	0.6159
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8837	0.7626	0.4657
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.1444	0.3422	0.4931	0.0575	0.2885
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.8199	0.1801	0.8097	0.6193	0.6393
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle10%		0.6292	0.3708	0.6025	0.1961	0.8469
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.7117	0.2883	0.6072	0.1374	0.4674
pcmac		0.5619	0.4381	0.5072	0.0110	0.9120
pcos		0.7767	0.2233	0.7935	0.5081	0.5306
pd		0.9211	0.0789	0.8992	0.7966	0.4359
pediatric-leukemia		0.6471	0.1008	0.4633	0.5462	0.2034
pendigits		0.9054	0.0189	0.9058	0.8948	0.0852
period		0.7778	0.2222	0.7500	0.5000	0.7296
period-10f		0.4444	0.5556	0.4208	-0.1538	0.9711
persistency		0.7230	0.2770	0.7003	0.3997	0.8029
pet-adoption		0.9000	0.1000	0.8851	0.7667	0.4296
phishing		0.9592	0.0408	0.9572	0.9144	0.2360
phone-acc0.1%		0.7328	0.0764	0.7241	0.6874	0.2899
phone-gyr0.1%		0.7064	0.0839	0.7077	0.6565	0.3158
phoneme		0.8426	0.1574	0.8005	0.5989	0.6182
pima		0.6974	0.3026	0.6722	0.3318	0.8143
pirvision		0.8700	0.0867	0.8110	0.6253	0.3148
placement		0.6960	0.3040	0.6909	0.3813	0.8269
plant-growth		0.6316	0.3684	0.6292	0.2570	0.8973
plrx		0.6111	0.3889	0.3793	-0.1887	0.9536
poker1%		0.4878	0.1024	0.1191	-0.0033	0.2708
polish-1st		0.8435	0.1565	0.5180	0.0253	0.4285
polish-2nd		0.8269	0.1731	0.4776	-0.0303	0.4098

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-3rd			0.6181	0.3819	0.5030	0.0024	0.3151
polish-4th			0.6347	0.3653	0.5367	0.0330	0.3465
polish-5th			0.7682	0.2318	0.5483	0.0730	0.5290
polya			0.6670	0.3330	0.6510	0.2998	0.8561
popularity			0.5647	0.2902	0.4037	0.1336	0.7318
post-operative			0.7778	0.1481	0.5000	0.5000	0.3648
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6768	0.3529	0.8487
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3333	0.0606	0.1868	0.2776	0.2356
profb			0.6418	0.3582	0.6227	0.2408	0.8663
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.5000	0.5000	0.5000	0.0000	0.9876
prostate_GE			0.7273	0.2727	0.7609	0.4211	0.4644
puc-rio10%			0.4194	0.2322	0.3749	0.2356	0.6954
pufs-641%			0.5062	0.4938	0.5063	0.0125	0.9963
pulsar			0.6728	0.3272	0.5592	0.0824	0.5393
raisin			0.6111	0.3889	0.6125	0.2222	0.9110
re0-wc			0.6933	0.0472	0.6648	0.6065	0.4013
re1-wc			0.5542	0.0357	0.3662	0.4761	0.3584
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.7653	0.2347	0.8011	0.5456	0.5295
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5254	0.4746	0.5445	0.0829	0.9306
satimage			0.9082	0.0306	0.8978	0.8867	0.1548
satimageF			0.9876	0.0124	0.9684	0.9367	0.1925
satimageT			0.9456	0.0544	0.8323	0.6389	0.3438
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.5865	0.1280	0.5676
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9481	0.0148	0.9540	0.9393	0.0654
segmentation			0.7772	0.2228	0.7565	0.5129	0.7243
segmentO			0.5671	0.4329	0.5205	0.0306	0.6556
seismic			0.7946	0.2054	0.4852	-0.0246	0.5513
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.7500	0.2500	0.5075	0.0147	0.7613
sens-10-gram			0.6299	0.3701	0.5160	0.0258	0.6656
sens-2-gram			0.6368	0.3632	0.5459	0.0722	0.6468
sens-3-gram			0.7711	0.2289	0.5566	0.1113	0.7526
sens-4-gram			0.7974	0.2026	0.5604	0.1208	0.7674
sens-5-gram			0.7737	0.2263	0.5289	0.0577	0.7692
sens-6-gram			0.7763	0.2237	0.5600	0.1184	0.7546
sens-7-gram			0.7474	0.2526	0.5282	0.0549	0.7489
sens-8-gram			0.6947	0.3053	0.5605	0.1048	0.6848
sens-9-gram			0.5553	0.4447	0.4796	-0.0292	0.6259
shoppers			0.7510	0.2490	0.6076	0.2071	0.7503
sick			0.8594	0.1406	0.6120	0.2046	0.6116
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin10%			0.5539	0.4461	0.6874	0.2439	0.4918
smarket			0.8880	0.1120	0.8895	0.7754	0.4469
smart-farming			0.1400	0.4300	0.1324	-0.1436	0.8772
smk_can_187			0.7368	0.2632	0.7449	0.4633	0.6993
soil_pollution			0.1967	0.3213	0.1974	-0.0044	0.8704
solar-flare			0.7842	0.0719	0.6961	0.7241	0.2117
sonar			0.6500	0.3500	0.6508	0.3000	0.8761

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
soybean			0.9412	0.0062	0.9627	0.9355	0.0258
spam-detection			0.7205	0.2795	0.5994	0.1485	0.5580
spambase			0.9174	0.0826	0.9136	0.8273	0.3888
spect			0.6296	0.3704	0.5723	0.1346	0.8110
spectf			0.8000	0.2000	0.8016	0.5739	0.6162
spectrometer			0.5849	0.0173	0.2958	0.5633	0.0972
splice-EI			0.9401	0.0599	0.9203	0.8405	0.3518
splice-IE			0.8959	0.1041	0.8540	0.7078	0.5119
sport-articles			0.7600	0.2400	0.7346	0.4612	0.7351
squash-stored			0.6000	0.2667	0.6667	0.4118	0.3599
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.4010	0.3994	0.4235	0.1307	0.7380
steel-b			0.8667	0.1333	0.7802	0.5410	0.5581
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.8410	0.1590	0.8209	0.6363	0.5814
steel-p			0.9385	0.0615	0.7560	0.4711	0.4407
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271
stock			0.7778	0.2222	0.6675	0.3295	0.7519
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8840	0.1160	0.8827	0.7655	0.4790
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5650	0.1740	0.3204	0.2961	0.4670
student-habits			0.3800	0.2480	0.2340	0.0712	0.7296
student-weekend			0.1692	0.3323	0.1517	-0.0601	0.8414
student-workday			0.5625	0.1750	0.2213	0.1531	0.6281
studentap			0.5385	0.3077	0.5342	0.2778	0.6089
susy1%			0.7236	0.2764	0.7206	0.4404	0.7894
tae			0.4000	0.4000	0.4551	0.1000	0.6171
telco-churn			0.4830	0.5170	0.4676	-0.0580	0.8742
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7447	0.2553	0.5503	0.0990	0.7759
thrombin			0.9529	0.0471	0.4879	-0.0238	0.5413
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis10%			0.7687	0.2313	0.6625	0.0886	0.3872
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4340	0.6098	0.1060
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f			0.6471	0.3529	0.5858	0.1639	0.8952
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.6088	0.1877	0.7707
trec11-wc			0.6829	0.0705	0.5965	0.5959	0.2642
trec12-wc			0.4839	0.1290	0.4821	0.3279	0.3510
trec21-wc			0.7273	0.0909	0.2412	0.1490	0.1903
trec23-wc			0.5714	0.1429	0.6201	0.3527	0.3042
trec31-wc			0.6989	0.1004	0.6036	0.5894	0.2834
trec41-wc			0.6250	0.0750	0.5219	0.5097	0.2410
trec45-wc			0.5507	0.0899	0.5121	0.4417	0.2438
tuandromd			0.9170	0.0830	0.8679	0.7348	0.4598
turkish			0.8500	0.0750	0.8654	0.8000	0.1610
tvnews1%			0.8615	0.1385	0.8514	0.7027	0.5500
tvnews10%			0.4880	0.5120	0.5711	0.1016	0.7889
ur3_cobotops_grip			0.8558	0.1442	0.5861	0.1118	0.3999

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ur3_cobotops_stop			0.6476	0.3524	0.5280	0.0197	0.2641
urban			0.7612	0.0531	0.7602	0.7191	0.1808
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
vehicle			0.7976	0.1012	0.7777	0.7291	0.1535
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.6667	0.3333	0.7500	0.4000	0.5283
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.6566	0.0624	0.6947	0.6222	0.1518
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
wap-wc			0.8013	0.0199	0.5803	0.7766	0.1206
warpar10p			0.8462	0.0308	0.7560	0.8255	0.0452
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.4081	0.1691	0.3959	0.3057	0.6484
watch-gyr1%			0.1332	0.2477	0.0742	-0.0121	0.5898
water_pollution			0.2400	0.3800	0.1462	-0.0096	0.5495
waveform			0.7880	0.1413	0.7888	0.6821	0.4452
weather-related			0.9808	0.0035	0.9838	0.9782	0.0258
web-phishing			0.8593	0.0938	0.7874	0.7485	0.4025
Weekly			0.9537	0.0463	0.9533	0.9064	0.2542
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.7143	0.2857	0.5661	0.0694	0.3725
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6918	0.1027	0.3480	0.5080	0.4706
winequality-white			0.6319	0.1052	0.3502	0.4361	0.4330
wisc_bc			0.9298	0.0702	0.9246	0.8492	0.3528
yale			0.6875	0.0417	0.6732	0.6667	0.0602
yeast			0.5676	0.0865	0.3903	0.4413	0.3651
yeastCYT-POX			0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.6892	0.3108	0.6575	0.1033	0.1971
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.9591	0.0082	0.9552	0.9542	0.0678

Table 119: Detailed results for MLDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1735	0.0787	0.0880	0.0793	0.4586
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8169	0.1831	0.7253	0.4253	0.6550
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7714	0.0914	0.3130	0.4400	0.2390
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8512	0.1488	0.8339	0.6623	0.5542
anneal		0.7079	0.1169	0.1658	0.0000	0.2204
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		0.9889	0.0111	0.4972	-0.0042	0.5331
anuran-family		0.9110	0.0445	0.6496	0.8312	0.2426
anuran-genus		0.9263	0.0184	0.8136	0.8761	0.1708
anuran-species		0.9431	0.0114	0.8862	0.9201	0.0957
anxiety		0.0917	0.2019	0.0872	-0.0243	0.7747
apple-quality		0.5825	0.4175	0.5825	0.1650	0.9436
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.5556	0.0889	0.0714	0.0000	0.2612
auction		0.8676	0.1324	0.6100	0.1745	0.6419

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.4734	0.0878	0.3372	0.1666	0.5602
babies		0.4194	0.1659	0.1364	0.0843	0.4354
balance		0.6613	0.2258	0.4697	0.3698	0.4290
bank		0.9048	0.0952	0.7416	0.4789	0.6061
banknote		0.8832	0.1168	0.8823	0.7644	0.4810
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8940	0.1060	0.8868	0.7578	0.3593
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8698	0.7253	0.2186
biodeg		0.8095	0.1905	0.7943	0.5800	0.6336
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	-0.0001	0.0426
body-perf		0.5784	0.2108	0.5751	0.4378	0.5559
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.5000	0.1667	0.1111	0.0000	0.3136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.8696	0.1304	0.8614	0.6849	0.3145
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8103	0.0948	0.3946	0.5768	0.2632
card		0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography		0.7324	0.0535	0.5966	0.6728	0.2527
cardiotocography-nsp		0.8545	0.0970	0.7375	0.5936	0.4887
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.8147	0.1235	0.8416	0.7205	0.1559
cars		0.6250	0.2500	0.4315	0.2248	0.6673
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.7031	0.2969	0.7015	0.4030	0.8179
cas_N6512_RDkit_AtomPair_FP		0.7454	0.2546	0.7433	0.4863	0.7579
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.7377	0.2623	0.7360	0.4720	0.7699
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.7615	0.2385	0.7607	0.5213	0.7321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_pattern_FP		0.7485	0.2515	0.7489	0.4966	0.7496
cas_N6512_rdkit_RDKITFP		0.7465	0.2535	0.7450	0.4901	0.7566
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7586	0.5167	0.7163
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9976	0.0024	0.6813	0.3323	0.5035
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8060	0.1940	0.6337	0.2134	0.6760
churn-bigml		0.8727	0.1273	0.6988	0.3688	0.6173
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.4837	0.3971	0.3940
cjs		0.2429	0.2524	0.0651	0.0000	0.3839
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.5593	0.2204	0.4050	0.3441	0.5159
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.4167	0.3889	0.2750	-0.0500	0.6162
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.4660	0.1927	0.7461
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8020	0.0360	0.5499	0.7561	0.2272
coil20		0.1458	0.0854	0.1083	0.1022	0.3561
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5517	0.4483	0.4280	-0.1254	0.9808
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.6207	0.3793	0.5909	0.1671	0.8893
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.8710	0.1290	0.8486	0.6884	0.4958
column-3c		0.7419	0.1720	0.6792	0.5832	0.4193
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7620	0.2380	0.7627	0.5243	0.7279
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9195	0.0805	0.7109	0.4204	0.6303

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8719	0.0427	0.6375	0.7183	0.2558
cryotherapy		0.6667	0.3333	0.6582	0.3077	0.8482
cultivars		0.2500	0.0375	0.1754	0.2312	0.1270
cybersecurity		0.1633	0.2789	0.1409	-0.0146	0.6136
cyclopentane		0.8148	0.1852	0.8118	0.6218	0.6325
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8067	0.1933	0.6674	0.2624	0.6192
defect		0.8735	0.1265	0.7351	0.3106	0.2688
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8976	0.1024	0.7243	0.4406	0.6176
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.2973	0.2342	0.0764	0.0000	0.3667
desharnais		0.5000	0.3333	0.4036	0.1795	0.3510
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.5921	0.1631	0.4026	0.3947	0.4834
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7472	0.1685	0.6450	0.5675	0.4520
drug-01		0.3883	0.1748	0.1156	0.0187	0.5441
drug-02		0.5000	0.1429	0.1388	0.0711	0.4600
drug-03		0.6862	0.0897	0.1163	-0.0072	0.2441
drug-04		0.5053	0.1413	0.1723	0.0338	0.4507
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4362	0.1611	0.2497	0.2767	0.4703
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5426	0.1307	0.1223	0.0430	0.3957
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5532	0.1277	0.1537	0.1412	0.3552
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6277	0.1064	0.1823	0.2707	0.3702
drug-14		0.6064	0.1125	0.2712	0.2691	0.3768
drug-15		0.7500	0.0714	0.1236	0.0290	0.2689
drug-16		0.5904	0.1170	0.2450	0.2985	0.3839
drug-17		0.3617	0.1824	0.1744	0.1105	0.4905

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7606	0.0684	0.1234	-0.0134	0.2600
drybean		0.7443	0.0731	0.7824	0.6888	0.2664
ecoli		0.7353	0.0882	0.5683	0.6016	0.1554
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7238	0.4460	0.7379
ecoliMU		0.8182	0.1818	0.4500	-0.1000	0.7161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2300	0.3850	0.2103	-0.0315	0.8555
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.5781	0.4219	0.5620	0.0936	0.8509
eeg10%		0.3384	0.0827	0.3361	0.2617	0.5622
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.9114	0.0886	0.6816	0.2972	0.5110
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5150	0.4850	0.5144	0.0284	0.9878
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.2073	0.0933	0.0202	0.0000	0.3505
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4706	0.5294	0.4333	-0.1168	1.0000
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.8846	0.0577	0.8407	0.8398	0.1555
gas		0.9209	0.0264	0.9173	0.9040	0.1376
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5979	0.2681	0.3723	0.1166	0.5039
gene		0.8959	0.0694	0.8874	0.8356	0.2757
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.5101	0.4899	0.3378	0.0000	0.5269
glass		0.5714	0.1429	0.4752	0.3721	0.3081
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.6667	0.3333	0.6689	0.1503	0.4745
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.8810	0.1190	0.8813	0.7590	0.4804
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.2222	0.2593	0.1224	0.1250	0.2950
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.5479	0.1808	0.5419	0.4240	0.5962
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.7659	0.0669	0.4346	0.6202	0.1574
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth1%		0.4493	0.0918	0.0517	0.0000	0.2692
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.1875	0.5417	0.1435	-0.3333	0.7879
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.8380	0.1620	0.8083	0.6153	0.6172
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6082	0.3918	0.6039	0.2021	0.9099
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2857	0.1786	0.1954	0.1250	0.3341
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.9106	0.0894	0.8296	0.6493	0.4709
hiva		0.9645	0.0355	0.6783	0.3313	0.5221
horse		0.7222	0.1852	0.6966	0.4872	0.3937
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.4670	0.3554	0.4747	0.1807	0.6965
htru2		0.9615	0.0385	0.8745	0.7391	0.3112
hypothyroid		0.9204	0.0398	0.3321	0.4401	0.1804
hypothyroidT		0.9363	0.0637	0.7301	0.2778	0.1636
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		0.8667	0.0889	0.8611	0.7973	0.2246
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8072	0.1928	0.5851	0.0619	0.5329
jvowels		0.8584	0.0315	0.8590	0.8398	0.1855
kc1		0.8531	0.1469	0.6436	0.1948	0.5528
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.7692	0.0923	0.5122	0.4868	0.2637
kc1-class-level-top5percentDF		0.8000	0.2000	0.4444	-0.0976	0.5661
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.7887	0.1409	0.7142	0.6427	0.2833
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2670	0.0814	0.1840	0.1648	0.5601
krvskp		0.9279	0.0721	0.9278	0.8555	0.3462
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7647	0.0205	0.7176	0.7521	0.0639
led24		0.6000	0.0889	0.5218	0.5429	0.2049
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.6400	0.0277	0.6517	0.6257	0.3142
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
libra		0.7778	0.0296	0.7914	0.7614	0.1052
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7353	0.2647	0.7218	0.4354	0.7621
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8868	0.0323	0.8244	0.8418	0.0835
lung		0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete		0.5000	0.2000	0.3200	0.3333	0.2448
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.3333	0.6667	0.2500	-0.5000	1.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.5714	0.2857	0.2424	0.0000	0.3175
lymphoma2		0.5556	0.1481	0.2326	0.2941	0.2247
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.6077	0.3923	0.6083	0.2154	0.9183
magic04		0.7601	0.2399	0.7249	0.4346	0.7261
malware		0.8108	0.1892	0.4478	0.0000	0.3405
mammography		0.8125	0.1875	0.8125	0.6245	0.6395
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6337	0.2442	0.6318	0.4327	0.5054
math		0.8000	0.1000	0.7816	0.6899	0.3090
mba		0.8242	0.1172	0.3864	0.1229	0.3792
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.2267	0.3093	0.1900	0.0232	0.6300
messidor		0.6261	0.3739	0.6244	0.2479	0.8998
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.5556	0.2222	0.6573	0.3898	0.3123
meter-D		0.3333	0.3333	0.1579	0.0226	0.3157
mfeat-fac		0.8100	0.0380	0.7933	0.7889	0.0868
mfeat-fou		0.8200	0.0360	0.8186	0.8000	0.1571
mfeat-kar		0.9700	0.0060	0.9712	0.9667	0.0375
mfeat-mor		0.7050	0.0590	0.6448	0.6722	0.1646
mfeat-pix		0.8800	0.0240	0.8918	0.8667	0.0800
mfeat-zer		0.8150	0.0370	0.8140	0.7944	0.1540
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.7453	0.1698	0.7184	0.6065	0.4762
mines		0.5294	0.1882	0.5850	0.4100	0.3431
mobile		0.8427	0.0056	0.8512	0.8398	0.0743
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7679	0.2321	0.7886	0.5285	0.5651
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.5178	0.4822	0.3412	0.0000	0.5256
musk		0.9106	0.0894	0.8116	0.6058	0.4685
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.7737	0.2263	0.7662	0.5323	0.7176
MUT_ci300400a_rdkit_descriptors		0.5739	0.4261	0.3646	0.0000	0.5103
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9485	0.0515	0.9488	0.8970	0.2663
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8447	0.0163	0.1413	0.5511	0.3335
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6403	0.3597	0.6369	0.2714	0.8872
NHANES_age_prediction		0.9912	0.0088	0.9835	0.9670	0.1081
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4861	0.3426	0.2694	-0.0517	0.5491
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.2891	0.2031	0.1353	0.1569	0.3289
obs		0.8148	0.0926	0.8514	0.7215	0.2611
occupancy		0.9752	0.0248	0.9673	0.9326	0.2200
Occupancy_Estimation		0.8865	0.0568	0.7278	0.6463	0.3571
oh0-wc		0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc		0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc		0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc		0.1648	0.1670	0.0283	0.0000	0.3885
olive		0.9474	0.0117	0.9345	0.9347	0.0365
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.0500	0.0475	0.0140	0.0256	0.3635
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9415	0.0234	0.6554	0.5995	0.3432
parkinson		0.9583	0.0417	0.9579	0.9146	0.2357
parkinsons		0.8341	0.1659	0.8227	0.6451	0.6083
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.8315	0.1685	0.7794	0.5143	0.5229
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.6214	0.2387	0.6639
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		0.8000	0.2000	0.4444	0.0000	0.3522
pd		0.8684	0.1316	0.8152	0.6226	0.5508
pediatric-leukemia		0.2353	0.2185	0.0544	0.0000	0.3686
pendigits		0.8981	0.0204	0.8997	0.8866	0.1330
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.6239	0.3761	0.3842	0.0000	0.4887
personalities		0.0628	0.1171	0.0074	0.0000	0.4134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pet-adoption			0.8900	0.1100	0.8733	0.7413	0.4508
phishing			0.9469	0.0531	0.9442	0.8876	0.2693
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%			0.4770	0.1494	0.4527	0.3867	0.5221
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%			0.5958	0.1155	0.5566	0.5249	0.3624
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7148	0.2852	0.5126	0.0019	0.5089
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.9856	0.0096	0.9749	0.9544	0.0878
placement			0.7140	0.2860	0.7021	0.4004	0.8025
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.5978	0.0332	0.2464
polish-5th			0.9306	0.0694	0.5966	0.0403	0.2959
polya			0.7805	0.2195	0.7541	0.5022	0.7067
popularity			0.6570	0.2287	0.4332	0.1829	0.5235
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7215	0.4412	0.7888
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.1515	0.1305	0.0582	0.0714	0.3556
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7015	0.2985	0.6218	0.1687	0.7063
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.7791	0.0884	0.6615	0.6964	0.2877
pufs-128			0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5083	0.4917	0.5083	0.0167	0.9952
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9761	0.0239	0.9250	0.8429	0.1635
raisin			0.9000	0.1000	0.9025	0.8000	0.4045
re0-wc			0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9269	0.0731	0.9275	0.8509	0.3139
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6212	0.3788	0.5858	0.1524	0.8787
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.7932	0.0689	0.7447	0.7413	0.2470
satimageF			0.9627	0.0373	0.8973	0.7800	0.2065

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9231	0.0769	0.4800	-0.0218	0.5944
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9091	0.0260	0.9201	0.8936	0.1031
segmentation			0.7822	0.2178	0.7567	0.5100	0.7101
segmentO			0.9177	0.0823	0.8218	0.5738	0.2044
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8583	0.1417	0.5699	0.0856	0.6169
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8737	0.1263	0.6366	0.1843	0.5406
sens-6-gram			0.8658	0.1342	0.5895	0.0994	0.5596
sens-7-gram			0.8711	0.1289	0.6156	0.1116	0.4810
sens-8-gram			0.8605	0.1395	0.5894	0.1319	0.6470
sens-9-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8800	0.1200	0.7278	0.3864	0.4885
shuttle			0.9262	0.0211	0.7252	0.7706	0.3016
sick			0.9178	0.0822	0.5198	0.0294	0.6379
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2033	0.3187	0.2186	-0.0007	0.7797
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.1324	0.0913	0.0123	0.0000	0.3690
spam-detection			0.8965	0.1035	0.5478	0.0622	0.6125
spambase			0.8870	0.1130	0.8822	0.7567	0.4306
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.7714	0.2286	0.7131	0.2632	0.3942
spectrometer			0.7115	0.0214	0.5884	0.6942	0.0931
splice-EI			0.9338	0.0662	0.9190	0.8334	0.3883
splice-IE			0.8896	0.1104	0.8439	0.6872	0.5272
sport-articles			0.8400	0.1600	0.8270	0.6365	0.5307
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.6647	0.2236	0.6224	0.4624	0.5935
steel-b			0.8051	0.1949	0.6759	0.3426	0.7384
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9641	0.0359	0.9439	0.8868	0.2321
steel-o			0.7487	0.2513	0.7104	0.3717	0.6713
steel-p			0.9128	0.0872	0.6038	0.1576	0.5801
steel-s			0.9846	0.0154	0.8934	0.7617	0.0555
steel-z			0.9333	0.0667	0.8242	0.6459	0.5478
stellar			0.5945	0.2703	0.2486	0.0000	0.3397

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stock			0.8958	0.1042	0.8069	0.5931	0.4811
stockb			0.8767	0.0822	0.8817	0.8149	0.2117
streaming			0.6120	0.3880	0.6098	0.1634	0.7808
stress			0.9683	0.0127	0.9700	0.9603	0.0360
student-lifestyle			0.5900	0.1640	0.3222	0.3493	0.4490
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4800	0.2080	0.2213	0.1709	0.4295
student-weekend			0.4462	0.2215	0.2194	0.2005	0.4266
student-workday			0.7031	0.1187	0.2271	0.0830	0.3018
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7502	0.2498	0.7569	0.4825	0.6653
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.6000	0.2667	0.6063	0.4000	0.5219
telco-churn			0.8977	0.1023	0.8640	0.7197	0.4376
texture			0.9236	0.0139	0.9306	0.9158	0.0945
theorem			0.9624	0.0376	0.9613	0.9226	0.2187
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.7579	0.2421	0.7200	0.4364	0.7586
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.4186	-0.0736	0.7975
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.8000	0.1000	0.8008	0.7333	0.2036
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8358	0.0365	0.8392	0.8080	0.1536
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.6905	0.1548	0.6444	0.5806	0.3453
vehicleVAN			0.7857	0.2143	0.6746	0.2340	0.5474
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6364	0.0661	0.6310	0.6000	0.2211
vowelZ			0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			0.9524	0.0095	0.9623	0.9468	0.0229
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc1%			0.5114	0.1396	0.5042	0.4257	0.5277
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.5062	0.1411	0.4921	0.4212	0.5075
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2167	0.3917	0.2169	-0.0446	0.8847
waveform			0.7880	0.1413	0.7908	0.6822	0.4100
web-phishing			0.7704	0.1531	0.6249	0.5688	0.4492
Weekly			0.9815	0.0185	0.9815	0.9623	0.0972
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5786	0.1405	0.2722	0.3124	0.4068
winequality-white			0.5051	0.1414	0.2421	0.1902	0.4716
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7318	0.7322	0.0609
yeast			0.3986	0.1336	0.1604	0.1944	0.3937
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 120: Detailed results for MLP

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1175	0.0609	0.0303	0.0282	0.5031
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.5383	0.4617	0.4989	-0.0003	0.1226
accident		0.6000	0.4000	0.6021	0.2000	0.9166
ads		0.9390	0.0610	0.8899	0.7720	0.4670
adult		0.8251	0.1749	0.7695	0.5371	0.6785
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.6746	0.3254	0.5503	0.0685	0.5240
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.4667	0.5333	0.4755	-0.0352	0.7032
AID_602330		0.7135	0.2865	0.4951	-0.0046	0.3288
AID_652128		0.7980	0.1347	0.3920	0.0060	0.6369
AID1284Morered		0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red		0.6667	0.3333	0.4762	-0.0435	0.7274
AID1608Morered		0.5825	0.4175	0.5472	0.0449	0.3851
AID1608red		0.6990	0.3010	0.5173	0.0197	0.4156
AID362red		0.9556	0.0444	0.4886	-0.0196	0.4257
AID373AID439red		0.8772	0.1228	0.4673	-0.0003	0.0032
AID373red		0.9115	0.0885	0.4769	-0.0020	0.0220
AID439Morered		0.8571	0.1429	0.8250	0.5882	0.5283
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9369	0.0631	0.5642	0.0252	0.0963
AID604		0.9378	0.0622	0.4840	-0.0067	0.0967
AID604AID644_AllRed		0.9187	0.0813	0.4788	-0.0020	0.0234
AID644Morered		0.6500	0.3500	0.5631	0.1250	0.9054
AID644red		0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red		0.9543	0.0457	0.4883	-0.0012	0.0226
AID687red		0.8796	0.1204	0.4953	-0.0009	0.0528
AID688red		0.8841	0.1159	0.5339	0.0201	0.1601
AID721morered		0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red		0.2222	0.7778	0.1818	-0.4651	0.7939
AID746AID1284red		0.9428	0.0572	0.4853	-0.0020	0.0307
AID746red		0.9239	0.0761	0.4958	-0.0024	0.1392
aids		0.8592	0.1408	0.8025	0.6029	0.6008
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8671	0.1329	0.8670	0.7321	0.5183
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9597	0.0403	0.7331	0.2825	0.3534
anuran-family		0.9555	0.0223	0.7737	0.9162	0.2919
anuran-genus		0.9513	0.0122	0.8915	0.9196	0.1417
anuran-species		0.9431	0.0114	0.8167	0.9208	0.1236
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.7200	0.2800	0.7216	0.4400	0.7857
aps-failure		0.9280	0.0720	0.6175	0.1632	0.3964
arabidopsis		0.4989	0.5011	0.5012	0.0001	0.0567
arabidopsis0.1%		0.5059	0.4941	0.6065	0.0174	0.0489
arabidopsis1%		0.5085	0.4915	0.5496	0.0067	0.0530
arabidopsis10%		0.4984	0.5016	0.5294	0.0038	0.0545

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.4889	0.0786	0.3340	0.3137	0.4943
auction		0.8824	0.1176	0.6839	0.3412	0.6235
audiology		0.8696	0.0109	0.3979	0.8490	0.0365
audit-risk		0.9487	0.0513	0.9465	0.8917	0.2547
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.9000	0.1000	0.8972	0.7734	0.4176
autism-child		0.8966	0.1034	0.9058	0.7943	0.3261
autos		0.9000	0.0333	0.7526	0.8667	0.0771
avila		0.4068	0.0989	0.2050	0.2342	0.7763
babies		0.4355	0.1613	0.1862	0.1468	0.5571
balance		0.8871	0.0753	0.6113	0.7879	0.2115
bank		0.8742	0.1258	0.7085	0.4150	0.6729
banknote		0.9708	0.0292	0.9715	0.9413	0.1580
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8249	0.1751	0.8213	0.6359	0.6137
basehock		0.9095	0.0905	0.9103	0.8190	0.3952
bio		0.6656	0.3344	0.5879	0.0205	0.0764
bio10%		0.6644	0.3356	0.5948	0.0223	0.0757
biodeg		0.8571	0.1429	0.8513	0.7014	0.5556
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9446	0.0038	0.0336	-0.0036	0.8290
bitcoin1%		0.8721	0.0088	0.0322	0.0024	0.2995
bitcoin10%		0.9359	0.0044	0.0334	-0.0010	0.5973
body-perf		0.5373	0.2313	0.5420	0.3831	0.5108
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.7315	0.4494	0.7344
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.6364	0.1212	0.5346	0.5510	0.2080
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17		0.5455	0.4545	0.4066	-0.1062	0.4950
bub12at310k-hg16-17		0.5229	0.4771	0.4576	-0.0451	0.4758
bub8at310k-hg16-17		0.4999	0.5001	0.5811	0.0769	0.4030
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.5000	0.5000	0.4667	-0.0667	0.9927
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4150	0.3900	0.3164	-0.0020	0.4865
car		0.9195	0.0402	0.8769	0.8362	0.2486
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography		0.7089	0.0582	0.6136	0.6447	0.2535
cardiotocography-nsp		0.8028	0.1315	0.7047	0.5410	0.5093
cardiovascular		0.6928	0.3072	0.6952	0.3855	0.8174
cargo2k		0.9873	0.0085	0.9871	0.9810	0.0485
cars		0.6750	0.2167	0.5916	0.4683	0.4646
cas_N6512_cdk_ECFP2		0.6682	0.3318	0.6683	0.3358	0.8572
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.6774	0.3226	0.6759	0.3518	0.8495
cas_N6512_RDkit_MACCS_FP		0.7071	0.2929	0.7121	0.4182	0.7941
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.6662	0.3338	0.6622	0.3214	0.8584
ccds		0.5169	0.4831	0.5450	0.0253	0.2295
ccds1%		0.4835	0.5165	0.4951	-0.0025	0.2248
ccds10%		0.5134	0.4866	0.5136	0.0073	0.2290
cdc_diabetes		0.8233	0.1178	0.3808	0.0791	0.4215
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.8840	0.1160	0.6601	0.2980	0.6150
census10%		0.8693	0.1307	0.5778	0.1448	0.6094
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.9302	0.0698	0.6880	0.3645	0.5962
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9070	0.0930	0.6589	0.2893	0.5790
cervical-S		0.9186	0.0814	0.7990	0.5871	0.5886
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.7610	0.2390	0.4782	-0.0007	0.0116
chrom191%		0.8912	0.1088	0.4712	-0.0023	0.0221
chrom1910%		0.9842	0.0158	0.4960	-0.0020	0.0990
chrom21		0.4983	0.5017	0.4540	-0.0001	0.0019
chrom211%		0.5008	0.4992	0.3337	-0.0016	0.0080
chrom2110%		0.5076	0.4924	0.6014	0.0005	0.0014
chronic-kidney		0.8795	0.1205	0.5827	0.1654	0.6915
churn		0.8260	0.1740	0.7011	0.3884	0.6934
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7053	0.2947	0.7029	0.3998	0.7987
circles		0.0000	0.0200	0.0000	-0.0101	0.3143
cirrhosis		0.3810	0.4127	0.1839	0.0000	0.3169
cjs		0.9964	0.0012	0.9961	0.9956	0.0080
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7463	0.1269	0.5480	0.6033	0.4911
climate		0.6111	0.3889	0.6689	0.1698	0.3372
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.7600	0.2400	0.6347	0.2208	0.6018
cmc		0.4898	0.3401	0.4450	0.1815	0.7435
cnae-9		0.9352	0.0144	0.9362	0.9271	0.0734
codon_usage		0.7229	0.0504	0.4601	0.6618	0.4045
coil20		0.7847	0.0215	0.7366	0.7732	0.1098
college		0.8831	0.1169	0.8606	0.7179	0.5302
collins		0.2800	0.0960	0.2143	0.2046	0.3708
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2		0.4138	0.5862	0.3659	-0.2674	1.0000
colposcopies-3		0.5862	0.4138	0.5846	0.1675	0.9281
colposcopies-4		0.6207	0.3793	0.5770	0.1493	0.8677
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.4828	0.5172	0.4690	-0.0533	0.9760
colposcopies-c		0.7931	0.2069	0.7175	0.4351	0.7404
column-2c		0.7419	0.2581	0.7933	0.5118	0.5164
column-3c		0.6774	0.2151	0.5852	0.4850	0.5148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5060	0.4940	0.4972	-0.0051	0.9740
comedy_comparisons1%		0.5066	0.4934	0.5055	0.0109	0.9964
comedy_comparisons10%		0.4985	0.5015	0.4992	-0.0016	0.9989
connect-4		0.9809	0.0127	0.5837	0.3497	0.2439
cottonmeloidogyne		0.7236	0.2764	0.7238	0.4467	0.7870
coupon		0.6175	0.3825	0.6195	0.2363	0.9001
covid19		0.4303	0.1628	0.1712	0.0599	0.5651
covtype		0.6005	0.1141	0.4411	0.3509	0.4207
covtype10%		0.6219	0.1080	0.3205	0.3822	0.4690
covtypeCD		0.9418	0.0582	0.8674	0.7236	0.3492
covtypeT		0.9366	0.0634	0.7478	0.4950	0.5837
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.8995	0.1005	0.6342	0.0232	0.0448
creditcard_trans10%		0.9842	0.0158	0.6740	0.1482	0.2251
crowdsourced		0.8645	0.0452	0.6009	0.7203	0.3531
cryotherapy		0.6667	0.3333	0.6750	0.3415	0.8344
cultivars		0.1562	0.0422	0.0969	0.1369	0.1379
customer-churn		0.9658	0.0342	0.6012	0.2018	0.5818
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.5185	0.4815	0.5250	0.0488	0.9705
cylinder-bands		0.6667	0.3333	0.6592	0.3184	0.8647
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
day1%		0.8852	0.1148	0.8794	0.7562	0.4890
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7410	0.2590	0.6460	0.2903	0.7991
defect		0.6142	0.3858	0.6566	0.2251	0.5808
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8368	0.1632	0.6520	0.2996	0.7073
depressed		0.7832	0.2168	0.4392	-0.0820	0.8057
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
df_final		0.3125	0.4583	0.1961	-0.0476	0.7030
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9231	0.0769	0.9216	0.8405	0.3680
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.8606	0.1394	0.7809	0.5607	0.6275
diabetic		0.3536	0.4309	0.3442	0.0122	0.7958
diabetic1%		0.4608	0.3595	0.4302	0.1422	0.7454
diabetic10%		0.3546	0.4303	0.3448	0.0128	0.7970
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9167	0.0417	0.8683	0.8847	0.1462
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.5086	0.4914	0.5022	0.0001	0.0216
dna1%		0.4981	0.5019	0.4726	-0.0011	0.0219
dna10%		0.4996	0.5004	0.5040	0.0002	0.0212
dorothea		0.8522	0.1478	0.7921	0.4947	0.5222
dota2		0.5133	0.4867	0.5134	0.0267	0.9905
dota210%		0.5311	0.4689	0.5298	0.0597	0.9810
drebin		0.3787	0.6213	0.2747	0.0000	0.5182
dropout		0.7314	0.1791	0.6611	0.5547	0.5222

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-01			0.3138	0.1960	0.1777	0.0349	0.7761
drug-02			0.4202	0.1657	0.2398	0.1053	0.7181
drug-03			0.4628	0.1535	0.1970	0.0947	0.8039
drug-04			0.4149	0.1672	0.1677	0.0892	0.7997
drug-05			0.5851	0.1185	0.1495	0.0077	0.6159
drug-06			0.3883	0.1748	0.3020	0.2353	0.5772
drug-07			0.3404	0.1885	0.1373	0.0361	0.8013
drug-08			0.4309	0.1626	0.1789	0.1306	0.8091
drug-09			0.6330	0.1049	0.1398	0.0505	0.6687
drug-10			0.4628	0.1535	0.1739	0.1836	0.8011
drug-11			0.5532	0.1277	0.2174	0.1051	0.5660
drug-12			0.3989	0.1717	0.1473	-0.0556	0.6765
drug-13			0.5266	0.1353	0.2393	0.2151	0.7433
drug-14			0.4628	0.1535	0.2294	0.2153	0.7816
drug-15			0.4574	0.1550	0.1850	0.1142	0.7625
drug-16			0.5372	0.1322	0.2478	0.2929	0.7540
drug-17			0.2660	0.2097	0.1684	0.0729	0.7917
drug-18			0.7500	0.1000	0.2666	0.0344	0.0576
drug-19			0.5160	0.1383	0.1581	0.0337	0.7708
drybean			0.9082	0.0262	0.9212	0.8888	0.1419
ecoli			0.8235	0.0441	0.5249	0.7577	0.1391
ecoliCP-IM			0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM			0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU			0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM			0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce			0.2600	0.3700	0.1032	0.0000	0.4027
eeg			0.1695	0.1038	0.1281	0.0908	0.8231
eeg-eye			0.6208	0.3792	0.6201	0.2396	0.9062
eeg10%			0.2115	0.0986	0.1320	0.1212	0.7186
email_phishing			0.9867	0.0133	0.4966	-0.0002	0.0908
eucalyptus			0.5479	0.1808	0.5390	0.4224	0.5411
euthyroid			0.9272	0.0728	0.8094	0.6163	0.5671
exon.vs.intron-freq			0.8616	0.1384	0.8661	0.7246	0.5036
exon.vs.intron-freq10%			0.8446	0.1554	0.8489	0.6907	0.5467
fakenews			0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads			0.8913	0.1087	0.8909	0.7810	0.4527
fbis-wc			0.6789	0.0378	0.5339	0.6360	0.3031
fertility			0.6000	0.4000	0.3750	-0.1765	0.5613
finance			0.6471	0.3529	0.6468	0.2928	0.8796
financial-risk			0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch			0.9375	0.0208	0.9554	0.9220	0.0612
flags			0.3000	0.1750	0.1784	0.1691	0.3904
fonts			0.0785	0.0120	0.0124	0.0448	1.0000
fonts10%			0.0871	0.0119	0.0127	0.0492	1.0000
forest			0.9231	0.0385	0.9163	0.8938	0.1222
gas			0.8620	0.0460	0.8558	0.8330	0.2068
gastrointestinal			0.5625	0.2917	0.5499	0.3086	0.6193
gender			0.5537	0.2975	0.3791	0.1576	0.6870
gene			0.7666	0.1556	0.7770	0.6469	0.4358
german			0.6700	0.3300	0.6350	0.2699	0.8712
gestures			0.2902	0.3549	0.2912	0.0537	0.8404
gina			0.8847	0.1153	0.8854	0.7690	0.4652
gisette			0.9614	0.0386	0.9617	0.9229	0.2120
glass			0.7143	0.0952	0.8031	0.6216	0.2775
glass-g2			0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP			0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP			0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers			0.8636	0.1364	0.4634	-0.0645	0.7409

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8452	0.1548	0.8398	0.6777	0.5692
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4667	0.2667	0.5159	0.2547	0.5213
gsalc		0.4444	0.1852	0.3878	0.3182	0.2284
haberman		0.7333	0.2667	0.6867	0.3684	0.7853
hapt		0.7612	0.0398	0.4260	0.7179	0.2212
har		0.6764	0.1295	0.6767	0.5911	0.4621
har70		0.7312	0.0768	0.4582	0.6249	0.3183
har701%		0.7204	0.0799	0.3975	0.5595	0.3816
har7010%		0.7362	0.0754	0.4258	0.5844	0.4531
harth		0.6635	0.0561	0.2664	0.5429	0.3896
harth1%		0.6459	0.0590	0.2455	0.5158	0.3202
harth10%		0.6614	0.0564	0.2323	0.5216	0.3936
hayes-roth		0.4375	0.3750	0.4875	0.1529	0.6200
hcc-survival		0.4706	0.5294	0.4648	-0.0699	1.0000
health-activity		0.7300	0.1350	0.2465	-0.0060	0.4868
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.6774	0.3226	0.6799	0.3568	0.8394
heart-c		0.8667	0.1333	0.8661	0.7321	0.5220
heart-failure		0.9000	0.1000	0.8875	0.7734	0.4675
heart-quantum		0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis		0.7333	0.2667	0.7692	0.4444	0.5288
hepmass		0.8273	0.1727	0.8273	0.6546	0.6102
hepmass1%		0.8264	0.1736	0.8265	0.6528	0.6114
hepmass10%		0.7736	0.2264	0.7737	0.5470	0.7107
hERG-121inputs		0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.7692	0.2308	0.6372	0.2642	0.7875
higgs		0.5159	0.4841	0.5147	0.0295	0.9900
higgs0.1%		0.5436	0.4564	0.5442	0.0881	0.9699
higgs1%		0.5262	0.4738	0.5270	0.0538	0.9808
higgs10%		0.5743	0.4257	0.5734	0.1467	0.9497
higher		0.2143	0.1964	0.1461	0.0941	0.3485
hinselmann		0.4000	0.6000	0.2857	-0.3636	0.7910
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.7352	0.2648	0.7149	0.3687	0.6352
hiva		0.4610	0.5390	0.5156	0.0070	0.2001
horse		0.6667	0.2222	0.6300	0.4232	0.5823
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.6522	0.2319	0.6573	0.4796	0.5724
ht-sensor10%		0.5787	0.2809	0.5854	0.3725	0.6175
htru2		0.9765	0.0235	0.9270	0.8526	0.2515
hypothyroid		0.9310	0.0345	0.5210	0.5653	0.3440
hypothyroidT		0.9788	0.0212	0.9211	0.8289	0.0734
ilpd		0.6441	0.3559	0.5585	0.1169	0.9037
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9493	0.0253	0.9500	0.9324	0.1047
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.8667	0.0889	0.8776	0.8000	0.1393
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.3992	0.0462	0.3960	0.3752	0.3765

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.8725	0.0283	0.8667	0.8555	0.1719
kc1		0.8389	0.1611	0.5467	0.0303	0.5295
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.5714	0.0357	0.0760	0.3115	0.1088
kc1-class-level-top5percentDF		0.6000	0.4000	0.6617	0.1509	0.3113
kc2		0.7885	0.2115	0.6935	0.3863	0.7537
kdc-4007		0.8254	0.0436	0.7241	0.7962	0.2563
kddcup98		0.5047	0.4953	0.5124	0.0081	0.2855
kddcup981%		0.3895	0.6105	0.3629	-0.0699	0.2913
kddcup9810%		0.4932	0.5068	0.5121	0.0078	0.2843
kddcup99		0.9928	0.0006	0.2187	0.9876	0.1245
kddcup991%		0.9087	0.0079	0.1916	0.8493	0.0886
kddcup9910%		0.9895	0.0009	0.2830	0.9821	0.0457
kepler		0.8441	0.1039	0.7889	0.7447	0.2666
kidney		0.7916	0.0833	0.2071	0.0020	0.4438
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.1651	0.0928	0.0974	0.0612	0.8119
krvskp		0.9655	0.0345	0.9656	0.9309	0.2014
la1s-wc		0.7937	0.0688	0.7802	0.7447	0.3313
la2s-wc		0.8245	0.0585	0.8241	0.7837	0.2970
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.2647	0.0368	0.1538	0.2458	0.1239
led24		0.6500	0.0700	0.5995	0.6067	0.1587
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.3855	0.0473	0.4224	0.3615	0.4426
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.5000	0.0667	0.4415	0.4627	0.1880
linkage		0.9962	0.0037	0.8467	0.6493	0.5296
linkage1%		0.9972	0.0028	0.8617	0.7024	0.5071
linkage10%		0.9971	0.0029	0.8578	0.6936	0.5106
liver		0.7059	0.2941	0.6808	0.3585	0.8145
loan		0.8970	0.1030	0.9001	0.7894	0.4162
localization		0.3660	0.1153	0.1691	0.1841	0.7479
localization10%		0.3532	0.1176	0.1568	0.1604	0.7287
lrs		0.6981	0.0604	0.2941	0.5943	0.2217
lung		0.8571	0.0571	0.8910	0.7649	0.2406
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8000	0.0800	0.8354	0.6748	0.2257
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2		0.7778	0.0494	0.4825	0.7143	0.1027
machine-failure		0.9043	0.0957	0.9056	0.8064	0.4097
madelon		0.4846	0.5154	0.4846	-0.0308	1.0000
magic04		0.7849	0.2152	0.7614	0.5223	0.7124
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8021	0.1979	0.8016	0.6031	0.6609
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.5644	0.2904	0.5902	0.3538	0.5768
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.7391	0.2609	0.7471	0.4835	0.7360
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8889	0.0556	0.9112	0.8455	0.1284
meter-D			0.8333	0.0833	0.8451	0.7682	0.1516
mfeat-fac			0.9350	0.0130	0.9362	0.9278	0.0790
mfeat-fou			0.6850	0.0630	0.6866	0.6500	0.2655
mfeat-kar			0.9000	0.0200	0.9007	0.8889	0.1088
mfeat-mor			0.6850	0.0630	0.7041	0.6500	0.2050
mfeat-pix			0.9000	0.0200	0.9011	0.8889	0.1155
mfeat-zer			0.7950	0.0410	0.8038	0.7722	0.1850
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.9340	0.0440	0.9269	0.8973	0.0894
mines			0.5000	0.2000	0.5189	0.3578	0.3167
mobile			0.1119	0.0317	0.0957	0.0954	0.4010
monks-1			0.6182	0.3818	0.6203	0.2326	0.8914
monks-2			0.5902	0.4098	0.5923	0.1761	0.8832
monks-3			0.8393	0.1607	0.8395	0.6786	0.5835
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.3356	0.1208	0.3021	0.2139	0.6734
musk			0.8924	0.1076	0.7754	0.5425	0.5727
MUT_ci300400a_cdk_ECFP2			0.7530	0.2470	0.7513	0.5002	0.7421
MUT_ci300400a_cdk_ECFP4			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6			0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors			0.6717	0.3283	0.6622	0.3241	0.8601
myocardial			0.6059	0.0985	0.2029	0.1665	0.7068
naticusdroid			0.9482	0.0518	0.9482	0.8963	0.2726
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			1.0000	0.0000	0.6667	1.0000	0.0000
ncRNA			0.7925	0.0218	0.1377	0.4901	0.6821
ncRNA1%			0.7739	0.0238	0.0836	0.4634	0.7256
ncRNA10%			0.5841	0.0438	0.0952	0.2939	0.6503
neo			0.8393	0.1607	0.6728	0.3225	0.6524
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			0.9524	0.0476	0.9211	0.8293	0.4011
new3s-wc			0.1324	0.0394	0.0759	0.1036	0.6850
newspop			0.6148	0.3852	0.6149	0.2294	0.9132
NHANES_age_prediction			0.9163	0.0837	0.8748	0.7317	0.5012
nomao			0.8862	0.1138	0.8704	0.7354	0.5105
NPHA-doctor-visits			0.4444	0.3704	0.3437	0.0361	0.7953
nursery			0.9113	0.0355	0.6173	0.8689	0.1537
obesity			0.1374	0.2464	0.0345	0.0000	0.4038
obs			0.7963	0.1019	0.8233	0.6940	0.3069
occupancy			0.9737	0.0263	0.9656	0.9289	0.2268
Occupancy_Estimation			0.9872	0.0064	0.9614	0.9611	0.0545
oh0-wc			0.8515	0.0297	0.8324	0.8318	0.1491
oh10-wc			0.7143	0.0571	0.7044	0.6789	0.2779
oh15-wc			0.7174	0.0565	0.6990	0.6819	0.2815
oh5-wc			0.7912	0.0418	0.7772	0.7659	0.2044

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.5188	0.0962	0.4907	0.4589	0.5664
olive		0.9474	0.0117	0.9397	0.9347	0.0391
opn310k		0.5358	0.4642	0.3760	-0.1394	0.4935
opn310k10%		0.5691	0.4309	0.4510	-0.0565	0.4903
opnat310k-hg16-17		0.5053	0.4947	0.5766	0.0737	0.4102
optdigits		0.9466	0.0107	0.9486	0.9407	0.0763
optdigitsZ		0.9822	0.0178	0.9504	0.8976	0.3086
orl		0.3250	0.0338	0.2554	0.3077	0.1347
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.5929	0.4071	0.6413	0.0888	0.1978
ozone8hr		0.5810	0.4190	0.6065	0.1049	0.3819
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7113	0.2887	0.7359	0.4357	0.7026
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8492	0.1508	0.8505	0.6987	0.5557
p53-mutants		0.5827	0.4173	0.5429	0.0041	0.0376
p53-mutants10%		0.5955	0.4045	0.3733	-0.0064	0.0292
page-blocks		0.9378	0.0249	0.5677	0.6302	0.5334
parkinson		0.9333	0.0667	0.9345	0.8646	0.3141
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.7895	0.2105	0.8155	0.5682	0.5164
particle		0.8053	0.1947	0.7877	0.5622	0.6588
particle10%		0.8538	0.1462	0.8136	0.6250	0.5913
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9369	0.0631	0.7116	0.2096	0.1619
pcmac		0.4845	0.5155	0.4878	-0.0240	0.9869
pcos		0.9900	0.0100	0.9849	0.9693	0.1307
pd		0.8553	0.1447	0.8365	0.6562	0.5717
pediatric-leukemia		0.7941	0.0588	0.7317	0.7495	0.1472
pendigits		0.9354	0.0129	0.9336	0.9281	0.0905
period		0.3333	0.6667	0.2500	-0.5000	1.0000
period-10f		0.4444	0.5556	0.4208	-0.1538	0.9711
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9388	0.0612	0.9389	0.8741	0.3038
PhiUSIIL		0.9954	0.0046	0.9953	0.9906	0.0389
PhiUSIIL10%		0.9970	0.0030	0.9970	0.9939	0.0279
phone-acc		0.5546	0.1273	0.5597	0.4797	0.4554
phone-acc0.1%		0.6133	0.1105	0.5783	0.5475	0.4119
phone-acc1%		0.6325	0.1050	0.5979	0.5699	0.3803
phone-acc10%		0.6057	0.1127	0.5682	0.5368	0.3698
phone-gyr		0.4835	0.1476	0.4851	0.3981	0.5083
phone-gyr0.1%		0.5757	0.1212	0.5487	0.5028	0.4157
phone-gyr1%		0.5837	0.1190	0.5652	0.5123	0.4317
phone-gyr10%		0.5593	0.1259	0.5326	0.4855	0.4089
phoneme		0.7296	0.2704	0.7323	0.4348	0.7092
phy		0.6584	0.3416	0.6584	0.3168	0.8709
pima		0.7763	0.2237	0.7617	0.5179	0.7048
pirvision		0.9027	0.0649	0.7914	0.6197	0.2134
placement		0.7440	0.2560	0.7521	0.4925	0.7265
plant-growth		0.4211	0.5789	0.4157	-0.1676	1.0000
plrx		0.5000	0.5000	0.4121	-0.1739	0.9401
poker		0.4657	0.1069	0.0979	0.0048	0.3782
poker1%		0.4605	0.1079	0.0955	-0.0030	0.3114
poker10%		0.4632	0.1074	0.0959	0.0008	0.3674
polish-1st		0.9246	0.0754	0.5155	0.0310	0.6104
polish-2nd		0.9302	0.0698	0.5087	0.0173	0.6315
polish-3rd		0.9362	0.0638	0.5018	0.0028	0.6354

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.8357	0.1643	0.4834	-0.0282	0.5282
polish-5th			0.8596	0.1404	0.6627	0.2893	0.5986
polya			0.6411	0.3589	0.6506	0.2868	0.8338
popularity			0.5634	0.2910	0.4157	0.1573	0.7315
post-operative			0.7778	0.1481	0.5000	0.5000	0.3648
postures			0.8638	0.0545	0.8663	0.8296	0.2202
pred-tox_mutagen_ref-desc			0.5294	0.4706	0.5295	0.0588	0.9817
prestige			0.8889	0.0741	0.8805	0.8200	0.1174
primary-tumor			0.3333	0.0606	0.1950	0.2704	0.2544
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7313	0.2687	0.7028	0.4047	0.7931
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9132	0.0347	0.8748	0.8824	0.1509
puc-rio10%			0.9131	0.0348	0.8839	0.8829	0.1517
pufs-128			0.5004	0.4996	0.5004	0.0008	0.9998
pufs-1281%			0.5105	0.4895	0.5105	0.0210	0.9940
pufs-12810%			0.4995	0.5006	0.4995	-0.0011	1.0000
pufs-64			0.5004	0.4996	0.5004	0.0007	0.9998
pufs-641%			0.4896	0.5104	0.4896	-0.0208	1.0000
pufs-6410%			0.4972	0.5028	0.4972	-0.0056	1.0000
pulsar			0.9816	0.0184	0.9444	0.8886	0.2298
raisin			0.9222	0.0778	0.9232	0.8444	0.3519
rcv1			0.2430	0.0286	0.0471	0.1635	1.0000
rcv11%			0.2796	0.0272	0.0580	0.2129	0.8670
rcv110%			0.2555	0.0281	0.0450	0.1802	1.0000
re0-wc			0.5867	0.0636	0.4256	0.4903	0.6051
re1-wc			0.4819	0.0414	0.1906	0.4084	0.3973
rejafada			0.8995	0.1005	0.5258	0.0451	0.5102
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4060	0.0183	0.0408	0.2516	1.0000
rice			0.9868	0.0132	0.9867	0.9733	0.0921
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5443	0.4557	0.5644	0.1199	0.9149
RT_IOT2022			0.9740	0.0043	0.7112	0.9346	0.0328
satimage			0.8196	0.0601	0.7206	0.7735	0.1731
satimageF			0.9254	0.0746	0.8646	0.6985	0.5165
satimageT			0.8896	0.1104	0.7065	0.4125	0.6617
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.5556	0.4444	0.5303	0.0526	0.7987
schizo			0.4118	0.5882	0.4118	-0.1765	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.5769	0.4231	0.5525	0.0474	0.3636
secondary_mushroom			0.9627	0.0373	0.9627	0.9248	0.2128
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9221	0.0223	0.9284	0.9089	0.0917
segmentation			0.8218	0.1782	0.8058	0.6115	0.6417
segmentO			0.9913	0.0087	0.9828	0.9655	0.1114
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9371	0.0629	0.8683	0.7157	0.5134
sens-1-gram			0.8053	0.1947	0.5073	0.0140	0.7899
sens-10-gram			0.3675	0.6325	0.4324	-0.0698	0.5568
sens-2-gram			0.6342	0.3658	0.4539	-0.0788	0.6881
sens-3-gram			0.6684	0.3316	0.5846	0.1357	0.6455
sens-4-gram			0.6289	0.3711	0.5667	0.1010	0.6265
sens-5-gram			0.6263	0.3737	0.4972	-0.0045	0.6654
sens-6-gram			0.6816	0.3184	0.5727	0.1212	0.6654

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.6342	0.3658	0.4942	-0.0096	0.6725
sens-8-gram			0.7316	0.2684	0.5472	0.0884	0.7249
sens-9-gram			0.5316	0.4684	0.4173	-0.1191	0.6344
sensorless			0.3829	0.1122	0.3830	0.3212	0.5303
sepsis			0.9073	0.0927	0.5343	0.0110	0.3606
shoppers			0.8905	0.1095	0.7759	0.5479	0.5912
shuttle			0.8848	0.0329	0.3632	0.6865	0.4820
sick			0.9469	0.0530	0.7550	0.4968	0.5125
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9006	0.0994	0.8850	0.7433	0.4581
skin10%			0.9224	0.0776	0.9055	0.7929	0.4197
smarket			0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.6842	0.3158	0.6841	0.3596	0.8222
smoking			0.7350	0.2650	0.7436	0.4697	0.7270
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7626	0.0791	0.6852	0.6955	0.2170
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9118	0.0093	0.9643	0.9034	0.0390
spam-detection			0.9560	0.0440	0.8710	0.7417	0.4509
spambase			0.9000	0.1000	0.8950	0.7873	0.4194
spect			0.7037	0.2963	0.6196	0.2340	0.8108
spectf			0.8286	0.1714	0.8230	0.6250	0.5915
spectrometer			0.2075	0.0330	0.0517	0.1594	0.2015
splice-EI			0.6940	0.3060	0.7398	0.4038	0.6118
splice-IE			0.7256	0.2744	0.7502	0.4351	0.6200
sport-articles			0.8300	0.1700	0.8144	0.6249	0.6065
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.7754	0.1497	0.7223	0.6332	0.4214
steel-b			0.7897	0.2103	0.7090	0.4141	0.7381
steel-d			0.9744	0.0256	0.7677	0.5324	0.5024
steel-k			0.9128	0.0872	0.8766	0.7490	0.4919
steel-o			0.7641	0.2359	0.7482	0.4945	0.7382
steel-p			0.9333	0.0667	0.7850	0.5697	0.5736
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.8104	0.1264	0.7987	0.6719	0.4172
stock			0.8194	0.1806	0.7131	0.4244	0.7176
stockb			0.8855	0.0764	0.8919	0.8283	0.1780
streaming			0.8400	0.1600	0.8378	0.6751	0.5830
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6100	0.1560	0.2708	0.3403	0.3701
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.4308	0.2277	0.3316	0.2297	0.6777
student-workday			0.6406	0.1437	0.2359	0.2212	0.7341
studentap			0.5385	0.3077	0.5220	0.2778	0.5861
susy			0.7581	0.2419	0.7582	0.5038	0.7054
susy1%			0.7292	0.2708	0.7269	0.4462	0.7651
susy10%			0.7727	0.2273	0.7755	0.5322	0.6607
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9992	0.0008	0.9992	0.9983	0.0094
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9000	0.0182	0.9159	0.8899	0.0980

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.9902	0.0098	0.9899	0.9798	0.0786
thoracic			0.6809	0.3191	0.4639	-0.0698	0.7727
thrombin			0.9162	0.0838	0.7376	0.3092	0.3900
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7143	0.2857	0.7289	0.4073	0.6699
tis10%			0.7239	0.2761	0.6919	0.3661	0.7546
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.8824	0.0588	0.9083	0.8440	0.0951
toxicity			0.6471	0.3529	0.6136	0.2273	0.8920
toxicity-13f			0.7059	0.2941	0.6670	0.3307	0.8305
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6000	0.4000	0.5416	0.0786	0.8473
trec11-wc			0.6585	0.0759	0.6037	0.5989	0.2914
trec12-wc			0.6129	0.0968	0.6911	0.5545	0.2808
trec21-wc			0.4545	0.1818	0.5691	0.3258	0.3028
trec23-wc			0.7143	0.0952	0.8136	0.6510	0.1601
trec31-wc			0.9355	0.0184	0.7920	0.9149	0.1113
trec41-wc			0.8750	0.0250	0.8204	0.8487	0.1507
trec45-wc			0.8116	0.0377	0.7181	0.7815	0.1708
tuandromd			0.9776	0.0224	0.9664	0.9321	0.2192
turkish			0.8750	0.0625	0.8734	0.8333	0.1676
tvnews			0.8342	0.1658	0.8253	0.6492	0.6096
tvnews1%			0.9000	0.1000	0.8922	0.7844	0.4451
tvnews10%			0.8119	0.1881	0.8049	0.6065	0.6481
ur3_cobotops_grip			0.9170	0.0830	0.5114	0.0212	0.5361
ur3_cobotops_stop			0.9374	0.0626	0.6014	0.2010	0.6099
urban			0.6567	0.0763	0.6459	0.5959	0.2637
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%			0.8911	0.1089	0.8840	0.7639	0.4775
ustilago			0.5021	0.4979	0.5256	0.0040	0.0658
ustilago1%			0.5163	0.4837	0.5042	0.0007	0.0690
ustilago10%			0.4994	0.5006	0.5425	0.0073	0.0695
vehicle			0.7381	0.1310	0.6868	0.6441	0.2982
vehicleVAN			0.9405	0.0595	0.9312	0.8529	0.3439
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9070	0.0930	0.9069	0.8139	0.4119
vowel			0.4242	0.1047	0.3330	0.3667	0.2923
vowelZ			0.7071	0.2929	0.5613	0.0912	0.5606
vrnormat310k-hg16-17			0.5624	0.4376	0.6301	0.1352	0.4005
wap-wc			0.6603	0.0340	0.4481	0.6189	0.2522
warpar10p			0.8462	0.0308	0.8242	0.8278	0.0487
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.6161	0.1097	0.6221	0.5512	0.4188
watch-acc1%			0.5899	0.1172	0.5817	0.5199	0.4424
watch-acc10%			0.5968	0.1152	0.5835	0.5252	0.4141
watch-gyr			0.5596	0.1258	0.5542	0.4857	0.4910
watch-gyr1%			0.5346	0.1330	0.5316	0.4569	0.4919
watch-gyr10%			0.5480	0.1291	0.5357	0.4722	0.4898
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.7660	0.1560	0.7693	0.6488	0.4596
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8444	0.1037	0.6849	0.7145	0.3902
Weekly			0.9722	0.0278	0.9728	0.9441	0.1529
weight-lift			0.5368	0.1853	0.5160	0.4065	0.5984
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9350	0.0325	0.9354	0.9133	0.1351

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.8799	0.1201	0.7461	0.3846	0.4952
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5094	0.1635	0.2294	0.2168	0.6985
winequality-white			0.3313	0.1911	0.2191	0.1101	0.8261
winnipeg			0.9553	0.0128	0.6864	0.9432	0.0963
winnipeg10%			0.9662	0.0096	0.8192	0.9572	0.0778
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.7500	0.0333	0.6667	0.7300	0.0593
yeast			0.3581	0.1284	0.2350	0.2329	0.5799
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9324	0.0676	0.4825	-0.0335	0.5283
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9392	0.0608	0.4843	-0.0215	0.6129
zip			0.8065	0.0387	0.7968	0.7819	0.2111

Table 121: Detailed results for MLP(R)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1079	0.0615	0.0508	0.0310	0.4746
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.9819	0.0181	0.4954	-0.0006	0.1621
accident		0.7000	0.3000	0.7000	0.4000	0.8211
ads		0.9817	0.0183	0.9613	0.9213	0.1335
adult		0.8509	0.1491	0.7777	0.5412	0.5939
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8826	0.1174	0.8349	0.6668	0.5304
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8000	0.0800	0.3936	0.5795	0.2625
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7442	0.2558	0.7217	0.3399	0.5364
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9722	0.0139	0.9221	0.9472	0.1296
anuran-genus		0.9569	0.0108	0.8633	0.9288	0.1408
anuran-species		0.9444	0.0111	0.8019	0.9226	0.0895
anxiety		0.1083	0.1981	0.0457	-0.0161	0.5602
apple-quality		0.8675	0.1325	0.8675	0.7350	0.5185
aps-failure		0.9825	0.0175	0.6513	0.0809	0.1448
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.6889	0.0479	0.2502	0.4555	0.2111
auction		0.9608	0.0392	0.9069	0.8044	0.2302
audiology		0.5652	0.0362	0.1578	0.4866	0.1249
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.3000	0.2333	0.0800	0.0000	0.3386
avila		0.6339	0.0610	0.4148	0.5006	0.3627
babies		0.4597	0.1544	0.1829	0.1431	0.3789
balance		0.9194	0.0538	0.8228	0.8500	0.1526
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8917	0.7797	0.4156
basehock		0.9598	0.0402	0.9602	0.9196	0.2177
bio		0.9966	0.0034	0.9000	0.7983	0.2780
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5696	0.5686	0.1639
bridges		0.7000	0.0857	0.4163	0.5455	0.1204
bub10at310k-hg16-17		0.9116	0.0884	0.6331	0.1600	0.4618
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9483	0.0259	0.9224	0.8922	0.2243
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8696	0.1304	0.8695	0.7361	0.5115
cardiotocography		0.8075	0.0385	0.6452	0.7673	0.1946
cardiotocography-nsp		0.9155	0.0563	0.8632	0.7727	0.2624
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6381	0.5244	0.4181
cas_N6512_cdk_ECFP2		0.7496	0.2504	0.7478	0.4955	0.7519
cas_N6512_rdkit_ATOMPAIR		0.7154	0.2846	0.7156	0.4302	0.7982
cas_N6512_RDkit_AtomPair_FP		0.7423	0.2577	0.7404	0.4806	0.7629
cas_N6512_rdkit_AVALON		0.8003	0.1997	0.7987	0.5966	0.6630
cas_N6512_RDkit_Avalon_FP		0.7807	0.2193	0.7794	0.5589	0.7007
cas_N6512_rdkit_descriptors		0.7815	0.2185	0.7825	0.5632	0.6933
cas_N6512_rdkit_FEATMORGAN		0.7404	0.2596	0.7379	0.4739	0.7618
cas_N6512_RDkit_Featmorgan_FP		0.7638	0.2362	0.7623	0.5246	0.7292
cas_N6512_RDkit_FP		0.7301	0.2699	0.7286	0.4572	0.7810
cas_N6512_rdkit_LAYERED		0.7554	0.2446	0.7541	0.5082	0.7426
cas_N6512_RDkit_Layered_FP		0.7531	0.2469	0.7509	0.5010	0.7447

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.7500	0.2500	0.7490	0.4979	0.7507
cas_N6512_rdkit_MORGAN		0.7585	0.2415	0.7565	0.5125	0.7371
cas_N6512_RDkit_morgan_FP		0.7623	0.2377	0.7603	0.5200	0.7306
cas_N6512_rdkit_PATTERN		0.7723	0.2277	0.7710	0.5419	0.7151
cas_N6512_RDkit_pattern_FP		0.7638	0.2362	0.7628	0.5255	0.7288
cas_N6512_rdkit_RDKITFP		0.7512	0.2488	0.7490	0.4967	0.7464
cas_N6512_rdkit_TORSION		0.7262	0.2738	0.7244	0.4488	0.7868
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.9670	0.0330	0.7228	0.2427	0.0993
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8437	0.1042	0.4297	0.2564	0.3625
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8083	0.1917	0.8018	0.5975	0.6500
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9394	0.0606	0.5406	0.0646	0.6101
CDS49_AID687_Rdkit-ecfp4-fp		0.9973	0.0027	0.4993	-0.0005	0.3640
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.7897	0.5785	0.4947
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8540	0.1460	0.7483	0.4692	0.5892
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.2090	0.0158	0.1566	0.2010	0.1833
cirrhosis		0.7619	0.1587	0.5169	0.5249	0.3828
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8056	0.0972	0.5775	0.7011	0.3000
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5000	0.3333	0.3810	0.1818	0.3582
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5510	0.2993	0.5044	0.2832	0.6729
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8335	0.0303	0.5540	0.7966	0.2543
coil20		0.2014	0.0799	0.1411	0.1602	0.2964
college		0.8961	0.1039	0.8794	0.7528	0.4899
collins		0.3600	0.0853	0.2299	0.2763	0.2764
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2		0.6207	0.3793	0.6045	0.2084	0.9068
colposcopies-3		0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4		0.7931	0.2069	0.7237	0.4387	0.7155
colposcopies-5		0.7931	0.2069	0.6375	0.2750	0.7711
colposcopies-6		0.7931	0.2069	0.7929	0.5857	0.6774
colposcopies-c		0.8276	0.1724	0.7539	0.5051	0.6759
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7596	0.2404	0.7613	0.5197	0.7263
coupon		0.7169	0.2831	0.7142	0.4276	0.7983
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.6525	0.0993	0.3870	0.4521	0.3237
covtypeCD		0.9264	0.0736	0.8721	0.7304	0.5059
covtypeT		0.9382	0.0618	0.6913	0.2557	0.3474
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9994	0.0006	0.9128	0.8219	0.2022
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9041	0.0320	0.6744	0.8003	0.2302
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1250	0.0437	0.0557	0.1067	0.1909
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1633	0.2789	0.0468	0.0000	0.4027
cyclopentane		0.6667	0.3333	0.6750	0.3415	0.8344
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8257	0.1743	0.7184	0.4186	0.6697
defect		0.9475	0.0525	0.8979	0.7906	0.3196
dementia		0.4800	0.5200	0.3243	0.0000	0.5302
deposit		0.9033	0.0967	0.7621	0.5240	0.6116
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.7500	0.1667	0.7500	0.6190	0.4346
DIA		0.7833	0.2167	0.7176	0.4348	0.7471
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5196	0.3203	0.3388	0.0748	0.5601
diabetic10%		0.5668	0.2888	0.3829	0.1829	0.5398
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5932	0.4068	0.5927	0.1634	0.8760
dota210%		0.5621	0.4379	0.5581	0.1152	0.9579
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7675	0.1550	0.6978	0.6146	0.4665
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.2292	0.2727	0.3527
drug-07		0.4468	0.1581	0.1355	0.0386	0.3035
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5266	0.1353	0.1574	0.1732	0.3695
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6330	0.1049	0.1815	0.2735	0.3189
drug-14		0.5904	0.1170	0.2408	0.3332	0.3867
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5691	0.1231	0.2516	0.3125	0.4726
drug-17		0.3723	0.1793	0.1356	0.1143	0.4309
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9229	0.0220	0.9359	0.9067	0.1261
ecoli		0.8529	0.0368	0.5395	0.7937	0.1502
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2200	0.3900	0.2176	-0.0315	0.7547
eeg		0.3704	0.0787	0.2997	0.2976	0.6200
eeg-eye		0.7290	0.2710	0.7273	0.4542	0.7821
eeg10%		0.3384	0.0827	0.2170	0.2654	0.5723
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2466	0.3014	0.0791	0.0000	0.3866
euthyroid		0.9430	0.0570	0.8695	0.7255	0.5073
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9678	0.0322	0.9677	0.9354	0.1907
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.6382	0.0426	0.3245	0.5854	0.2278
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9412	0.0588	0.9407	0.8807	0.2916
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.3544	0.0084	0.0290	0.2908	0.3113
forest		0.9231	0.0385	0.9016	0.8941	0.1323
gas		0.9885	0.0038	0.9876	0.9860	0.0298
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.9085	0.0610	0.8975	0.8530	0.2565
german		0.7000	0.3000	0.6584	0.3135	0.8390
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9395	0.0605	0.9395	0.8790	0.3048
gisette		0.9529	0.0471	0.9529	0.9057	0.2540
glass		0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.6667	0.3333	0.6119	0.2222	0.8824
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8929	0.1071	0.8904	0.7805	0.4593
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.3333	0.2222	0.3382	0.2500	0.1915
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.9113	0.0148	0.5643	0.8952	0.0907
har		0.7890	0.0844	0.7781	0.7333	0.3260
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8655	0.0384	0.5054	0.7979	0.1601
har7010%		0.8884	0.0319	0.5227	0.8342	0.1369
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.7703	0.0383	0.3539	0.6804	0.2449
harth10%		0.7729	0.0378	0.3525	0.6831	0.2014
hayes-roth		0.5000	0.3333	0.5951	0.2515	0.5374
hcc-survival		0.5294	0.4706	0.5143	0.0286	0.9808
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8241	0.6322	0.5905
heart-attack		0.8065	0.1935	0.8096	0.6141	0.6376
heart-c		0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis		0.9333	0.0667	0.9148	0.8148	0.4011
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8483	0.1517	0.8503	0.6968	0.5496
hepmass10%		0.4970	0.5030	0.3320	0.0000	0.5287
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6709	0.3291	0.6757	0.3462	0.8412
higgs1%		0.6728	0.3272	0.6714	0.3337	0.8358
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1656	0.0552	0.3959
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9207	0.0793	0.8543	0.7069	0.4698
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.6389	0.2407	0.5962	0.3961	0.6446
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.7346	0.1770	0.7419	0.6017	0.4832
htru2		0.9782	0.0218	0.9340	0.8680	0.2781
hypothyroid		0.9788	0.0106	0.6886	0.8832	0.2036
hypothyroidT		0.9894	0.0106	0.9616	0.9202	0.0426
ilpd		0.7288	0.2712	0.6188	0.1986	0.7697
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.8667	0.0889	0.8500	0.7973	0.2122
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.6085	0.0301	0.5554	0.5928	0.1781
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.8815	0.0263	0.8730	0.8659	0.1731
kc1		0.8626	0.1374	0.6787	0.2727	0.5332
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.7857	0.0179	0.1090	0.5532	0.0723
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.5148	0.0231	0.8187
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1960	0.0699	0.0433	0.0403	0.0677
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3547	0.0717	0.1892	0.2566	0.3583
krvskp		0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.7550	0.0817	0.7197	0.6939	0.3988
labor		0.5000	0.5000	0.3333	-0.2857	1.0000
leaf		0.2059	0.0397	0.0648	0.1811	0.1436
led24		0.6500	0.0700	0.5405	0.6056	0.1517
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.5685	0.0332	0.6052	0.5516	0.3196
leukemia		0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2		0.7143	0.2857	0.7083	0.4167	0.8058
libra		0.7500	0.0333	0.7051	0.7311	0.0925
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7059	0.2941	0.6994	0.3863	0.7816
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8679	0.0264	0.4366	0.8156	0.0639
lung		0.9524	0.0190	0.7933	0.9041	0.0399
lung_discrete		0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8000	0.0800	0.8034	0.5918	0.2220
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.8936	0.1064	0.8904	0.7809	0.4568
madelon		0.5731	0.4269	0.5739	0.1462	0.9457
magic04		0.8627	0.1373	0.8466	0.6869	0.5204
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6535	0.2310	0.6565	0.4670	0.5184
math		0.7250	0.1375	0.5433	0.5524	0.2913
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.1900	0.3240	0.1910	-0.0106	0.7221
messidor		0.7478	0.2522	0.7473	0.4928	0.7498
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-fac		0.9450	0.0110	0.9472	0.9389	0.0628
mfeat-fou		0.7450	0.0510	0.7496	0.7167	0.2269
mfeat-kar		0.8700	0.0260	0.8743	0.8556	0.1480
mfeat-mor		0.7250	0.0550	0.7321	0.6944	0.1844
mfeat-pix		0.3400	0.1320	0.2768	0.2667	0.3181
mfeat-zer		0.7900	0.0420	0.7722	0.7667	0.1725
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.4913	0.4463	0.3318
mobile		0.2308	0.0275	0.1769	0.2168	0.2779
monks-1		0.8727	0.1273	0.8849	0.7442	0.3522
monks-2		0.8852	0.1148	0.8746	0.7487	0.4979
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9970	0.0030	0.9942	0.9884	0.0467
MUT_ci300400a_cdk_ECFP2		0.7986	0.2014	0.7926	0.5851	0.6734
MUT_ci300400a_cdk_ECFP4		0.7928	0.2072	0.7868	0.5736	0.6841
MUT_ci300400a_cdk_ECFP6		0.7880	0.2120	0.7807	0.5606	0.6908
MUT_ci300400a_cdk_ESTATE		0.7470	0.2530	0.7384	0.4766	0.7604
MUT_ci300400a_cdk_EXTENDED		0.8165	0.1835	0.8102	0.6195	0.6357
MUT_ci300400a_cdk_FCFP2		0.8072	0.1928	0.8015	0.6029	0.6572
MUT_ci300400a_cdk_FCFP4		0.8058	0.1942	0.8000	0.5999	0.6598
MUT_ci300400a_cdk_FCFP6		0.7818	0.2182	0.7768	0.5534	0.7026
MUT_ci300400a_cdk_MACCS		0.7842	0.2158	0.7764	0.5518	0.6973
MUT_ci300400a_cdk_PUBCHEM		0.8168	0.1832	0.8101	0.6150	0.6207
MUT_ci300400a_cdk_STANDARD		0.8012	0.1988	0.7959	0.5917	0.6685
MUT_ci300400a_rdkit_descriptors		0.8170	0.1830	0.8118	0.6219	0.6307
myocardial		0.8412	0.0397	0.1161	0.1302	0.1307
naticusdroid		0.9683	0.0317	0.9683	0.9366	0.1896
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.3333	0.2222	0.1667	0.2000	0.2509
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8763	0.0130	0.2199	0.6277	0.2610
ncRNA10%		0.8862	0.0120	0.2587	0.6612	0.2326
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6521	0.3479	0.6519	0.3034	0.8766
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4722	0.3519	0.3002	-0.0317	0.5738
nursery		0.9722	0.0111	0.5913	0.9588	0.0280
obesity		0.4834	0.1476	0.3841	0.3974	0.2329
obs		0.8704	0.0648	0.8822	0.8068	0.2095
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9911	0.0044	0.9691	0.9729	0.0149
oh0-wc		0.7426	0.0515	0.6828	0.7061	0.2394
oh10-wc		0.6095	0.0781	0.5712	0.5549	0.3783
oh15-wc		0.5326	0.0935	0.4967	0.4747	0.4124
oh5-wc		0.5934	0.0813	0.6036	0.5419	0.3807
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9474	0.0117	0.9391	0.9344	0.0323
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.8885	0.1115	0.6429	0.2855	0.6831
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
optdigits		0.7509	0.0498	0.7187	0.7237	0.1324
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.4250	0.0288	0.3132	0.4103	0.1134
orlraws10P		0.6000	0.0800	0.5302	0.5556	0.1256
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9763	0.0237	0.7961	0.4909	0.0773
ozone8hr		0.9091	0.0909	0.6303	0.2556	0.6615
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8454	0.1546	0.8306	0.6605	0.5956
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8813	0.7617	0.4826
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9762	0.0095	0.7329	0.8613	0.2419
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.7773	0.2227	0.7601	0.4883	0.6360
parkinsons-small		0.8421	0.1579	0.8114	0.6175	0.6233
particle		0.9179	0.0821	0.8975	0.7949	0.4173
particle10%		0.9115	0.0885	0.8891	0.7778	0.4347
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.6644	0.2997	0.5774
pcmac		0.5103	0.4897	0.4957	-0.0085	0.9925
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.8061	0.6066	0.6295
pediatric-leukemia		0.1765	0.2353	0.0976	-0.0473	0.5950
pendigits		0.9436	0.0113	0.9437	0.9372	0.0816
period		0.4444	0.5556	0.5000	0.0000	0.8722
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.7959	0.2041	0.7819	0.5638	0.6864
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.9250	0.0750	0.9158	0.8215	0.2735
phishing		0.9755	0.0245	0.9743	0.9486	0.1605
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%		0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%		0.1525	0.2421	0.0378	0.0000	0.4012
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%		0.1592	0.2402	0.0392	0.0000	0.3999
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.8000	0.2000	0.7653	0.5280	0.6988
phy		0.5638	0.4362	0.6148	0.1314	0.6837
pima		0.7105	0.2895	0.6891	0.3407	0.7408
pirvision		0.9948	0.0035	0.9905	0.9836	0.0608
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.7895	0.2105	0.7978	0.5824	0.6422
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.0000	0.2222	0.0000	0.0000	0.2380
poker1%		0.5210	0.0958	0.1082	0.0519	0.2110
poker10%		0.5593	0.0881	0.1162	0.1374	0.2209
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th		0.9357	0.0643	0.6671	0.2205	0.3986
polya		0.7557	0.2443	0.7417	0.4816	0.7492
popularity		0.6605	0.2263	0.4085	0.1859	0.4568
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
postures			0.8948	0.0421	0.8955	0.8684	0.1818
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6338	0.2647	0.8906
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.1818	0.0744	0.0904	0.1248	0.2470
processed			0.9999	0.0001	0.9998	0.9997	0.0025
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.5714	0.4286	0.5310	0.0455	0.8750
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9099	0.0360	0.8350	0.8787	0.1692
puc-rio10%			0.9246	0.0302	0.8645	0.8984	0.1596
pufs-1281%			0.5095	0.4905	0.5125	0.0188	0.9020
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5088	0.4913	0.5234	0.0182	0.7371
pufs-6410%			0.5053	0.4947	0.5462	0.0111	0.5897
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.7800	0.0338	0.5321	0.7145	0.2391
re1-wc			0.6145	0.0308	0.1959	0.5532	0.2165
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6328	0.3672	0.6018	0.1881	0.8784
RT_IOT2022			0.9691	0.0051	0.5669	0.9224	0.0263
satimage			0.8600	0.0467	0.8346	0.8271	0.2162
satimageF			0.9891	0.0109	0.9721	0.9442	0.1683
satimageT			0.9409	0.0591	0.8204	0.6293	0.4397
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8974	0.1026	0.4730	-0.0505	0.6958
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9264	0.0210	0.9327	0.9139	0.0919
segmentation			0.7871	0.2129	0.7888	0.5643	0.6633
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8474	0.1526	0.5886	0.1613	0.7266
sens-3-gram			0.8632	0.1368	0.6105	0.1780	0.6520
sens-4-gram			0.8526	0.1474	0.5892	0.1542	0.7056
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.8754	0.0227	0.8759	0.8629	0.1282
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8865	0.1135	0.7466	0.4196	0.4413
shuttle			0.9966	0.0010	0.5197	0.9903	0.0054
sick			0.9629	0.0371	0.8294	0.6317	0.3152
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9993	0.0007	0.9990	0.9980	0.0100

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1048	0.0000	0.4222
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2000	0.3200	0.2207	-0.0003	0.7269
solar-flare			0.7482	0.0839	0.6260	0.6736	0.1926
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.5735	0.0449	0.2472	0.5253	0.1881
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9087	0.0913	0.9047	0.8094	0.4168
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer			0.4423	0.0413	0.2503	0.4044	0.1946
splice-EI			0.9558	0.0442	0.9420	0.8839	0.2944
splice-IE			0.9054	0.0946	0.8703	0.7404	0.4902
sport-articles			0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.8268	0.1155	0.7918	0.7163	0.3423
steel-b			0.8462	0.1538	0.7439	0.4704	0.6277
steel-d			0.9795	0.0205	0.8028	0.5899	0.3873
steel-k			0.9795	0.0205	0.9682	0.9359	0.1450
steel-o			0.7692	0.2308	0.7571	0.5104	0.7241
steel-p			0.9333	0.0667	0.7601	0.5161	0.5590
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8750	0.1250	0.7888	0.5776	0.6177
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6300	0.1480	0.3567	0.3893	0.4139
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3692	0.2523	0.1572	0.0639	0.4767
student-workday			0.6719	0.1313	0.1623	-0.0221	0.3348
studentap			0.6154	0.2564	0.4782	0.3750	0.4230
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.8032	0.1968	0.8022	0.5993	0.6436
susy10%			0.7975	0.2025	0.7956	0.5895	0.6654
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9988	0.0012	0.9988	0.9975	0.0120
swarm_grouped			0.9996	0.0004	0.9996	0.9991	0.0038
tae			0.6000	0.2667	0.6421	0.4000	0.5145
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9855	0.0026	0.9865	0.9840	0.0168
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8616	0.1384	0.8116	0.6229	0.5989
tis10%			0.7388	0.2612	0.6079	0.2075	0.8260
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7059	0.1471	0.7250	0.6083	0.2070

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity			0.4706	0.5294	0.4411	-0.1168	0.9859
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc			0.8537	0.0325	0.6552	0.8164	0.0980
trec12-wc			0.3871	0.1532	0.2155	0.2637	0.3320
trec21-wc			0.9091	0.0364	0.5560	0.8096	0.1409
trec23-wc			0.6667	0.1111	0.4932	0.5227	0.2641
trec31-wc			0.9247	0.0251	0.9068	0.9003	0.1291
trec41-wc			0.6705	0.0659	0.4715	0.5810	0.2631
trec45-wc			0.6522	0.0696	0.5251	0.5981	0.2015
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.7500	0.1250	0.7731	0.6667	0.2774
tvnews			0.8905	0.1095	0.8811	0.7616	0.4689
tvnews1%			0.8923	0.1077	0.8872	0.7727	0.4689
tvnews10%			0.8620	0.1380	0.8503	0.6895	0.4959
ur3_cobotops_grip			0.9714	0.0286	0.7033	0.3124	0.3375
ur3_cobotops_stop			0.9646	0.0354	0.6473	0.1269	0.2651
urban			0.7761	0.0498	0.7117	0.7381	0.2060
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7381	0.1310	0.7426	0.6541	0.2268
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5455	0.0826	0.5800	0.5000	0.2014
vowelZ			0.9495	0.0505	0.8723	0.7343	0.4979
vrnormat310k-hg16-17			0.9173	0.0827	0.6976	0.3673	0.5683
wap-wc			0.2821	0.0718	0.0533	0.0965	0.3340
warpar10p			0.6923	0.0615	0.6160	0.6556	0.0729
warppie10p			0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1467	0.2438	0.0366	0.0000	0.4023
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8320	0.1120	0.8358	0.7482	0.3636
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8222	0.1185	0.6722	0.6856	0.4640
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9959	0.0041	0.9793	0.9578	0.1858
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5031	0.1656	0.2317	0.2088	0.4388
winequality-white			0.5358	0.1326	0.2690	0.2406	0.4363
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9813	0.0053	0.8270	0.9763	0.0484
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.5000	0.0667	0.4375	0.4644	0.1196
yeast			0.5878	0.0824	0.4310	0.4712	0.3471
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastME2			0.9527	0.0473	0.6808	0.3410	0.5495
zip			0.9000	0.0200	0.8924	0.8879	0.1352

Table 122: Detailed results for MLP(W)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1583	0.0580	0.0855	0.0790	0.5061
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.4500	0.5500	0.4415	-0.1000	0.9904
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter		0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1878		0.7905	0.2095	0.5630	0.1109	0.7846
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8283	0.1145	0.3037	0.0053	0.3831
AID1284Morered		0.7778	0.2222	0.4375	-0.1163	0.8180
AID1284red		0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608Morered		0.9029	0.0971	0.4745	-0.0425	0.6928
AID1608red		0.8932	0.1068	0.4718	-0.0559	0.6716
AID362red		0.9836	0.0164	0.4959	-0.0040	0.4515
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.4000	0.6000	0.6154	0.0909	0.5000
AID644red		0.7000	0.3000	0.6098	0.2105	0.8520
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
aids		0.8779	0.1221	0.8307	0.6604	0.5547
air_pollution		0.2067	0.2267	0.1308	-0.0155	0.8948
alcohol		0.8571	0.0571	0.6522	0.6926	0.2172
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8372	0.1628	0.8225	0.6449	0.6103
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9847	0.0076	0.9289	0.9708	0.0468
anuran-genus		0.9847	0.0038	0.9467	0.9749	0.0894
anuran-species		0.9833	0.0033	0.9604	0.9769	0.0690
anxiety		0.0833	0.2037	0.0814	-0.0314	0.8504
apple-quality		0.8375	0.1625	0.8380	0.6750	0.5847
arrhythmia		0.7111	0.0578	0.5591	0.5244	0.3090
auction		0.9510	0.0490	0.8817	0.7463	0.2561
audiology		0.7826	0.0181	0.3354	0.7478	0.0602
audit-risk		0.9359	0.0641	0.9354	0.8624	0.2175
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.8500	0.0600	0.8576	0.8020	0.1494
avila		0.6651	0.0558	0.4692	0.5301	0.3594
babies		0.4435	0.1590	0.1483	0.1217	0.4846
balance		0.8871	0.0753	0.7137	0.7957	0.2882
bank		0.8983	0.1017	0.7082	0.4030	0.6156
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8571	0.1429	0.8535	0.7013	0.5479
bio		0.9974	0.0026	0.9207	0.8335	0.1131
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.9048	0.0952	0.8990	0.7981	0.4308
biomed		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.7224	0.1388	0.7242	0.6299	0.4056
brain-tumor		0.4945	0.5055	0.4933	-0.0088	0.8830
breast-cancer		0.6786	0.3214	0.5596	0.1127	0.8846
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-tissue		0.7273	0.0909	0.6655	0.6700	0.1505
bridges		0.8000	0.0667	0.6667	0.7143	0.0602
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae		0.4390	0.3740	0.3204	0.0119	0.5549
car		0.9655	0.0172	0.9462	0.9268	0.1561
car-insurance		0.8350	0.1650	0.8070	0.6140	0.6285
card		0.8406	0.1594	0.8358	0.6713	0.5861
cardiotocography		0.8404	0.0319	0.7733	0.8081	0.1904
cardiotocography-nsp		0.9014	0.0657	0.8184	0.7168	0.2830
cardiovascular		0.6152	0.3848	0.6344	0.2306	0.8121
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5468	0.4241	0.5482
cas_N6512_rdkit_descriptors		0.7308	0.2692	0.7283	0.4533	0.7727
cas_N6512_rdkit_MACCS		0.7742	0.2258	0.7733	0.5401	0.6939
cas_N6512_RDkit_MACCS_FP		0.7684	0.2316	0.7664	0.5315	0.7183
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9711	0.0289	0.7961	0.5403	0.2778
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9468	0.0532	0.6162	0.1952	0.5576
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.6534	0.2612	0.5311
cervical-H		0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S		0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia		0.8683	0.0658	0.8130	0.8019	0.2181
chrom19		0.9996	0.0004	0.8965	0.7889	0.2395
chrom191%		0.9994	0.0006	0.9090	0.7997	0.4644
chrom1910%		0.9992	0.0008	0.8143	0.6282	0.4387
chronic-kidney		0.8916	0.1084	0.5648	0.1258	0.6966
churn		0.8440	0.1560	0.7376	0.4651	0.6546
churn-bigml		0.8951	0.1049	0.8036	0.6048	0.5973
ci900367j_MACCS		0.6316	0.3684	0.6108	0.2215	0.9024
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.5325	0.5513	0.4917
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8435	0.0782	0.7604	0.7603	0.3496
climate		0.9815	0.0185	0.9290	0.8475	0.0659
cm1		0.8200	0.1800	0.5411	0.0816	0.7182
cmc		0.5510	0.2993	0.5198	0.2892	0.6989
cnae-9		0.2222	0.1728	0.2565	0.1250	0.3794
codon_usage		0.9102	0.0163	0.7350	0.8910	0.1660
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.7400	0.0347	0.6995	0.7138	0.1092
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7931	0.2069	0.7711	0.5421	0.6997
colposcopies-2		0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3		0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4		0.7241	0.2759	0.6548	0.3095	0.8231
colposcopies-5		0.8621	0.1379	0.7290	0.2927	0.2846

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
colposcopies-6		0.6207	0.3793	0.6237	0.2313	0.8700
colposcopies-c		0.7241	0.2759	0.5851	0.1655	0.8480
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8387	0.1075	0.7914	0.7395	0.2576
cottonmeloidogyne		0.7332	0.2668	0.7354	0.4655	0.7613
coupon		0.7224	0.2776	0.7162	0.4324	0.7948
covtype10%		0.7744	0.0645	0.6597	0.6304	0.3307
covtypeCD		0.9871	0.0129	0.9722	0.9440	0.1152
covtypeT		0.9777	0.0223	0.9090	0.8141	0.2549
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9996	0.0004	0.9351	0.8665	0.1242
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9281	0.0240	0.7864	0.8491	0.1925
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4688	0.0266	0.3482	0.4544	0.0603
customer-churn		0.9806	0.0194	0.6843	0.3138	0.4216
cybersecurity		0.1467	0.2844	0.1377	-0.0243	0.8619
cyclopentane		0.7037	0.2963	0.7105	0.3684	0.6911
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.4286	0.5714	0.3000	0.0000	0.5288
default		0.8263	0.1737	0.7176	0.4128	0.6602
defect		0.9290	0.0710	0.8637	0.7259	0.4495
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8980	0.1020	0.7382	0.4742	0.6244
depressed		0.7692	0.2308	0.5335	0.0650	0.8205
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.3750	0.4167	0.2727	-0.1111	0.5095
df_final		0.8125	0.1250	0.8272	0.7108	0.2451
DIA		0.7333	0.2667	0.6444	0.2889	0.8189
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-risk		0.9160	0.0840	0.8665	0.7288	0.4351
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7167	0.1133	0.6774	0.5976	0.3686
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-stanford		0.6000	0.4000	0.3750	0.0000	0.5000
dota210%		0.5252	0.4748	0.5233	0.0466	0.9852
dropout		0.7133	0.1911	0.6834	0.5500	0.5062
drug-01		0.3457	0.1869	0.1532	0.0007	0.6544
drug-02		0.5053	0.1413	0.2332	0.1867	0.5903
drug-03		0.6117	0.1109	0.1756	0.1094	0.4377
drug-04		0.5266	0.1353	0.1986	0.1474	0.5396
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3883	0.1748	0.2687	0.2385	0.5506
drug-07		0.4096	0.1687	0.1428	0.0235	0.4405
drug-08		0.5798	0.1201	0.2198	0.1378	0.4198
drug-09		0.8404	0.0456	0.1316	0.0492	0.3456
drug-10		0.5160	0.1383	0.1559	0.1157	0.4814
drug-11		0.8138	0.0532	0.1870	0.1272	0.4671
drug-12		0.7394	0.0745	0.1362	-0.0103	0.6000
drug-13		0.6011	0.1140	0.1825	0.2446	0.4098
drug-14		0.5851	0.1185	0.2762	0.3200	0.4619
drug-15		0.7340	0.0760	0.1221	0.0159	0.5141

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.5213	0.1368	0.2122	0.1876	0.5720
drug-17		0.3511	0.1854	0.1606	0.1144	0.6150
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7606	0.0684	0.1234	-0.0151	0.2429
drybean		0.9302	0.0199	0.9421	0.9156	0.1158
ecoli		0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.3100	0.3450	0.3080	0.0810	0.8231
eeg		0.4214	0.0723	0.4612	0.3552	0.5903
eeg-eye		0.6162	0.3838	0.6055	0.1944	0.8798
eeg10%		0.3029	0.0871	0.2998	0.2273	0.6300
eucalyptus		0.6301	0.1479	0.6039	0.5280	0.4510
euthyroid		0.9430	0.0570	0.8171	0.5970	0.3332
exon.vs.intron-freq10%		0.8955	0.1045	0.8975	0.7915	0.4294
fakenews		0.5175	0.4825	0.5169	0.0335	0.9865
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.8824	0.1176	0.8844	0.7587	0.4271
financial-risk		0.8520	0.0493	0.6707	0.7642	0.2280
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.5000	0.1429	0.3007	0.3610	0.3285
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.9569	0.0144	0.9548	0.9477	0.0762
gastrointestinal		0.5625	0.2917	0.5499	0.3086	0.6193
gender		0.5874	0.2751	0.4201	0.1484	0.6183
gene		0.9338	0.0442	0.9284	0.8942	0.2052
german		0.6900	0.3100	0.6413	0.2757	0.8481
gestures		0.9024	0.0488	0.9026	0.8699	0.2103
glass		0.7619	0.0794	0.7076	0.6557	0.2078
glass-g2		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.8571	0.1429	0.8571	0.7108	0.5408
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.6000	0.2000	0.6021	0.4578	0.4106
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
har		0.9602	0.0159	0.9574	0.9497	0.0887
har70		0.8894	0.0316	0.5251	0.8372	0.1472
har701%		0.8894	0.0316	0.5251	0.8374	0.1370
har7010%		0.8877	0.0321	0.5225	0.8349	0.1407
harth		0.8255	0.0291	0.4376	0.7622	0.3145
harth1%		0.8163	0.0306	0.4302	0.7494	0.2630
harth10%		0.8294	0.0284	0.4375	0.7672	0.2443
hayes-roth		0.6250	0.2500	0.7388	0.4386	0.2968
hcc-survival		0.7647	0.2353	0.7548	0.4925	0.6907
health-activity		0.7400	0.1300	0.3557	0.0950	0.3684
heart		0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack		0.8065	0.1935	0.8199	0.6189	0.5820
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.9280	0.0720	0.9157	0.8311	0.3654

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-quantum		0.8800	0.1200	0.8783	0.7541	0.4906
hepatitis		0.9333	0.0667	0.9148	0.8148	0.4011
hepmass1%		0.8466	0.1534	0.8512	0.6935	0.5337
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6736	0.3264	0.6712	0.3408	0.8516
higgs1%		0.6652	0.3348	0.6681	0.3123	0.8083
higher		0.1429	0.2143	0.0500	-0.0500	0.3611
hinselmann		0.7000	0.3000	0.6098	0.2105	0.7892
hitters		0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa		0.9309	0.0691	0.8701	0.7310	0.3750
horse		0.6389	0.2407	0.5690	0.3571	0.5825
hotel-reservartions		0.8545	0.1455	0.8394	0.6772	0.5778
hr		0.8070	0.1930	0.4998	-0.0004	0.7944
ht-sensor		0.7798	0.1468	0.7833	0.6696	0.4378
ht-sensor10%		0.7559	0.1628	0.7658	0.6362	0.4460
htru2		0.9788	0.0212	0.9340	0.8666	0.2273
hypothyroid		0.9496	0.0252	0.5871	0.6238	0.1386
hypothyroidT		0.9443	0.0557	0.7690	0.5063	0.4394
ilpd		0.5763	0.4237	0.5256	0.0502	0.9076
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9627	0.0187	0.9636	0.9502	0.0733
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		0.8667	0.0889	0.8676	0.7945	0.1292
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8108	0.1892	0.6113	0.0644	0.4594
jvowels		0.9558	0.0098	0.9531	0.9499	0.0721
kc1		0.8531	0.1469	0.6424	0.1649	0.5017
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.6429	0.0298	0.0395	0.3333	0.0386
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kepler		0.8703	0.0865	0.8250	0.7863	0.2236
kidney		0.0404	0.3838	0.0155	0.0000	0.2029
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.4795	0.0578	0.3754	0.4113	0.4112
krvskp		0.9969	0.0031	0.9969	0.9937	0.0271
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0147	0.3822	0.6917	0.0358
led24		0.6000	0.0889	0.6326	0.5455	0.2204
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8430	0.0121	0.8456	0.8366	0.1696
leukemia2		0.4286	0.5714	0.3000	0.0000	0.5288
libra		0.9167	0.0111	0.8912	0.9104	0.0332
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.6765	0.3235	0.6579	0.3100	0.8329
loan		0.9719	0.0281	0.9700	0.9400	0.1757
localization10%		0.5928	0.0740	0.3591	0.4676	0.4371
lrs		0.8491	0.0431	0.5313	0.7856	0.1119
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1905	0.5124	0.4815	0.3082
lymphoma2		0.5556	0.1481	0.2857	0.2500	0.2598

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
machine-failure		0.9255	0.0745	0.9237	0.8472	0.3606
madelon		0.5923	0.4077	0.5924	0.1846	0.9352
magic04		0.8627	0.1373	0.8466	0.6871	0.5215
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8021	0.1979	0.8011	0.6021	0.6610
marketing		0.9062	0.0938	0.7986	0.5910	0.5375
maternal		0.6337	0.2442	0.6357	0.4332	0.5256
math		0.7250	0.1375	0.7349	0.5728	0.3663
mba		0.8274	0.1151	0.4330	0.2896	0.3865
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2100	0.3160	0.2199	0.0097	0.8157
messidor		0.7304	0.2696	0.7238	0.4346	0.7540
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.7391	0.6035	0.2283
meter-D		0.7222	0.1389	0.7829	0.6170	0.1761
mfeat-fac		0.9750	0.0050	0.9754	0.9722	0.0291
mfeat-fou		0.8500	0.0300	0.8514	0.8333	0.1332
mfeat-kar		0.9650	0.0070	0.9658	0.9611	0.0439
mfeat-mor		0.7250	0.0550	0.7273	0.6944	0.1839
mfeat-pix		0.9800	0.0040	0.9809	0.9778	0.0225
mfeat-zer		0.8300	0.0340	0.8322	0.8111	0.1168
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6176	0.1529	0.6156	0.5196	0.3300
mobile		0.6399	0.0129	0.6604	0.6333	0.1517
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8525	0.1475	0.8439	0.6839	0.5700
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4772	0.0951	0.4989	0.3795	0.5374
musk		0.9970	0.0030	0.9942	0.9883	0.0163
MUT_ci300400a_cdk_ESTATE		0.7506	0.2494	0.7404	0.4778	0.7497
MUT_ci300400a_cdk_FCFP2		0.7102	0.2898	0.7224	0.4296	0.7628
MUT_ci300400a_cdk_MACCS		0.8177	0.1823	0.8123	0.6246	0.6362
MUT_ci300400a_rdkit_descriptors		0.6992	0.3008	0.7056	0.3335	0.6415
myocardial		0.8824	0.0294	0.2967	0.4409	0.1524
naticusdroid		0.9680	0.0320	0.9680	0.9359	0.1911
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0556	0.0000	0.3511
ncRNA1%		0.8905	0.0115	0.3674	0.6917	0.4494
ncRNA10%		0.9042	0.0101	0.4267	0.7215	0.3505
neo		0.9114	0.0886	0.6758	0.1865	0.3380
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6302	0.3698	0.6284	0.2569	0.9011
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.4306	0.3796	0.2466	-0.1131	0.6087
nursery		0.9985	0.0008	0.9918	0.9977	0.0028
obesity		0.9242	0.0217	0.9227	0.9115	0.1047
obs		0.9537	0.0231	0.9667	0.9308	0.0815
occupancy		0.9903	0.0097	0.9866	0.9730	0.1150
Occupancy_Estimation		0.9921	0.0039	0.9730	0.9760	0.0324
olive		0.9298	0.0156	0.9064	0.9124	0.0439
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
optdigits		0.9786	0.0043	0.9798	0.9763	0.0315
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
orl		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9684	0.0316	0.7696	0.5392	0.5390
ozone8hr		0.9130	0.0870	0.6191	0.2239	0.6471
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5317	0.4683	0.3472	0.0000	0.5227
page-blocks		0.9708	0.0117	0.7869	0.8244	0.1675
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.8436	0.1564	0.8319	0.6620	0.5810
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.8813	0.1187	0.8473	0.6848	0.4791
particle10%		0.8746	0.1254	0.8391	0.6729	0.5213
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.5907	0.1483	0.6102
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8684	0.1316	0.8204	0.5745	0.2929
pendigits		0.9409	0.0118	0.9435	0.9343	0.0756
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.7755	0.2245	0.7556	0.5072	0.7149
pet-adoption		0.9350	0.0650	0.9259	0.8489	0.3030
phishing		0.9633	0.0367	0.9616	0.9231	0.2202
phone-acc0.1%		0.8254	0.0499	0.8158	0.7956	0.1643
phone-acc1%		0.8459	0.0440	0.8394	0.8198	0.1625
phone-gyr0.1%		0.8492	0.0431	0.8381	0.8236	0.1818
phone-gyr1%		0.8664	0.0382	0.8603	0.8437	0.1579
phoneme		0.8222	0.1778	0.7847	0.5691	0.6664
pima		0.7237	0.2763	0.7044	0.4045	0.7932
pirvision		0.9915	0.0057	0.9851	0.9729	0.0494
placement		0.7990	0.2010	0.7919	0.5790	0.6579
plant-growth		0.6316	0.3684	0.6292	0.2570	0.8973
plrx		0.6667	0.3333	0.5282	0.0526	0.9011
poker1%		0.5259	0.1355	0.1512	0.0864	0.3053
poker10%		0.5325	0.1169	0.1844	0.0834	0.2562
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9306	0.0694	0.4820	0.0000	0.1724
polya		0.7481	0.2519	0.7131	0.4002	0.7211
popularity		0.6545	0.2303	0.4104	0.2164	0.4807
post-operative		0.6667	0.3333	0.5950	0.1818	0.8798
postures		0.9666	0.0134	0.9665	0.9582	0.0769
pred-tox_mutagen_ref-desc		0.6176	0.3824	0.6573	0.2353	0.7052
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.4242	0.0886	0.3096	0.3509	0.2779
profb		0.7164	0.2836	0.6903	0.3787	0.8069
promoters		0.9000	0.1000	0.9010	0.7826	0.2846
prostate_GE		0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio		0.9728	0.0109	0.9526	0.9636	0.0783
puc-rio10%		0.9602	0.0159	0.9310	0.9465	0.0930
pufs-1281%		0.5043	0.4957	0.5044	0.0086	0.9875
pufs-641%		0.5225	0.4775	0.5225	0.0450	0.9867
pulsar		0.9832	0.0168	0.9485	0.8950	0.1580
raisin		0.9111	0.0889	0.9127	0.8222	0.3796
rice		0.9874	0.0126	0.9873	0.9744	0.0848
rocket		0.6284	0.3716	0.6176	0.2350	0.9032
satimage		0.8802	0.0399	0.8617	0.8523	0.1918
satimageF		0.9891	0.0109	0.9721	0.9442	0.1683
satimageT		0.9347	0.0653	0.8155	0.6305	0.5237

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
scadi		0.7143	0.1143	0.6984	0.6316	0.1667
schiller		0.6667	0.3333	0.5950	0.1818	0.8134
schizo		0.5000	0.5000	0.5000	0.0000	0.9448
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.9167	0.0833	0.4783	-0.0305	0.6521
seeds		0.9524	0.0317	0.9553	0.9286	0.0868
segment		0.9610	0.0111	0.9646	0.9544	0.0560
segmentation		0.8317	0.1683	0.8178	0.6354	0.6211
segmentO		1.0000	0.0000	1.0000	1.0000	0.0000
seismic		0.9264	0.0736	0.4809	-0.0141	0.5085
semeion		1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram		0.8737	0.1263	0.6687	0.0675	0.2632
sens-10-gram		0.8740	0.1260	0.6764	0.0977	0.2632
sens-2-gram		0.8605	0.1395	0.5807	0.1104	0.6333
sens-3-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram		0.8605	0.1395	0.5188	0.0127	0.5424
sens-7-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram		0.8684	0.1316	0.6013	0.1055	0.5237
sens-9-gram		0.8711	0.1289	0.6601	0.0342	0.2664
sensorless		0.9622	0.0069	0.9626	0.9584	0.0510
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8881	0.1119	0.7764	0.5514	0.6053
shuttle		0.9971	0.0008	0.5690	0.9917	0.0033
sick		0.9708	0.0292	0.8698	0.7171	0.2170
sirtuin6		1.0000	0.0000	1.0000	1.0000	0.0000
skin		0.9954	0.0046	0.9930	0.9860	0.0650
skin10%		0.9951	0.0049	0.9926	0.9852	0.0708
smarket		0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming		0.2600	0.3700	0.1842	0.0086	0.6718
smoking		0.7474	0.2526	0.7203	0.4359	0.7638
soil_pollution		0.2167	0.3133	0.2148	0.0197	0.8678
solar-flare		0.7410	0.0863	0.6807	0.6691	0.2430
sonar		0.7000	0.3000	0.7041	0.4000	0.7994
soybean		0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection		0.9565	0.0435	0.8689	0.7377	0.4374
spambase		0.9065	0.0935	0.9022	0.8006	0.3906
spect		0.8148	0.1852	0.6923	0.3478	0.6626
spectf		0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer		0.5192	0.0356	0.3817	0.4900	0.1533
splice-EI		0.9621	0.0379	0.9524	0.9029	0.2760
splice-IE		0.9243	0.0757	0.8999	0.7979	0.4336
sport-articles		0.8400	0.1600	0.8258	0.6408	0.5569
squash-stored		0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored		1.0000	0.0000	0.6667	1.0000	0.0000
startup		1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry		0.8676	0.0883	0.8383	0.7866	0.2961
steel-b		0.8718	0.1282	0.8020	0.6033	0.5974
steel-d		0.9795	0.0205	0.7967	0.4922	0.0689
steel-k		0.9641	0.0359	0.9438	0.8846	0.1919
steel-o		0.7128	0.2872	0.6955	0.3886	0.8061
steel-p		0.9282	0.0718	0.7617	0.5234	0.5906
steel-s		0.9846	0.0154	0.8971	0.7920	0.3007
steel-z		0.9026	0.0974	0.4744	0.0000	0.2196
stellar		0.9686	0.0209	0.9640	0.9443	0.1196
stock		0.8750	0.1250	0.7769	0.5506	0.6089
stockb		0.9912	0.0059	0.9913	0.9868	0.0272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
streaming		0.9880	0.0120	0.9879	0.9757	0.0809
stress		1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle		0.6000	0.1600	0.3309	0.3511	0.4471
student-habits		0.3700	0.2520	0.2068	0.0672	0.6909
student-weekend		0.3231	0.2708	0.2366	0.0978	0.7512
student-workday		0.6719	0.1313	0.2449	0.1805	0.4720
studentap		0.3846	0.4103	0.3886	0.0370	0.6619
susy		0.7839	0.2161	0.7829	0.5656	0.6947
susy1%		0.7928	0.2072	0.7909	0.5814	0.6784
susy10%		0.7825	0.2175	0.7817	0.5631	0.6966
tae		0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn		0.8807	0.1193	0.8447	0.6889	0.5367
texture		0.9982	0.0003	0.9982	0.9980	0.0028
theorem		1.0000	0.0000	1.0000	1.0000	0.0000
thoracic		0.8085	0.1915	0.4471	-0.0709	0.7788
Thyroid_Diff		0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe		0.9789	0.0211	0.9766	0.9521	0.0938
tis10%		0.7537	0.2463	0.4298	0.0000	0.3977
titanic		0.8182	0.1818	0.7934	0.5163	0.4251
tourist		0.7500	0.1000	0.4800	0.6364	0.0881
tox_171		0.2941	0.3529	0.1136	0.0000	0.3969
toxicity		0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f		0.7059	0.2941	0.6913	0.3796	0.8113
trains		0.5000	0.5000	0.3333	0.0000	0.5283
transfusion		0.6933	0.3067	0.5365	0.0711	0.8812
tuandromd		0.9865	0.0135	0.9791	0.9582	0.1317
turkish		0.8250	0.0875	0.8257	0.7667	0.2508
tvnews1%		0.9000	0.1000	0.8932	0.7862	0.4490
tvnews10%		0.8712	0.1288	0.8646	0.7278	0.5248
ur3_cobotops_grip		0.9728	0.0272	0.7346	0.4321	0.4246
ur3_cobotops_stop		0.9660	0.0340	0.6741	0.1858	0.2583
urban		0.8657	0.0299	0.8767	0.8431	0.1166
urinalysis		0.9720	0.0280	0.8518	0.6538	0.0890
vehicle		0.7619	0.1190	0.7450	0.6825	0.1762
vehicleVAN		1.0000	0.0000	1.0000	1.0000	0.0000
voice		0.6667	0.3333	0.4000	0.0000	0.4644
vote		0.9070	0.0930	0.9069	0.8139	0.4119
vowel		0.6364	0.0661	0.6849	0.6000	0.1677
vowelZ		0.9596	0.0404	0.8668	0.6944	0.1201
warpar10p		1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p		1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%		0.7998	0.0572	0.8030	0.7659	0.2198
watch-gyr1%		0.8100	0.0543	0.8075	0.7780	0.1827
water_pollution		0.2400	0.3800	0.2434	-0.0142	0.8661
waveform		0.8380	0.1080	0.8382	0.7570	0.3720
weather-related		0.9769	0.0042	0.9774	0.9738	0.0326
web-phishing		0.8222	0.1185	0.7705	0.6856	0.4620
Weekly		0.9907	0.0093	0.9907	0.9812	0.0572
white-clover		0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc		0.9900	0.0050	0.9902	0.9867	0.0215
wilt		0.9793	0.0207	0.8791	0.7397	0.1980
wine		1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red		0.5975	0.1342	0.2810	0.3364	0.4375
winequality-white		0.5235	0.1361	0.2734	0.2327	0.4357
wisc_bc		0.9649	0.0351	0.9623	0.9246	0.2141
yale		0.8750	0.0167	0.8320	0.8655	0.0275
yeast		0.5878	0.0824	0.3995	0.4702	0.3710
yeastCYT-POX		0.9592	0.0408	0.7394	0.4787	0.5697

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastEXC			0.9527	0.0473	0.6001	0.1981	0.5887
yeastME1			0.9662	0.0338	0.6366	0.2688	0.5848
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.9645	0.0071	0.9620	0.9602	0.0603

Table 123: Detailed results for MLPML

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1055	0.0617	0.0529	0.0271	0.4690
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9848	0.0152	0.9679	0.9350	0.1232
adult		0.8514	0.1486	0.7796	0.5482	0.6016
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_MACCSFingerprinter		0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8967	0.1033	0.8556	0.7088	0.4893
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7905	0.0838	0.3836	0.5241	0.2519
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7535	0.2465	0.7262	0.3771	0.5900
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9736	0.0132	0.8744	0.9499	0.1469
anuran-genus		0.9624	0.0094	0.8082	0.9380	0.0975
anuran-species		0.9472	0.0106	0.8652	0.9265	0.1341
anxiety		0.1250	0.1944	0.1219	0.0095	0.4018
apple-quality		0.9225	0.0775	0.9240	0.8450	0.3426
aps-failure		0.9829	0.0171	0.6761	0.1076	0.1081
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.6603	0.2671	0.4171
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.6889	0.0479	0.2738	0.5231	0.2580
auction		0.9363	0.0637	0.8423	0.6503	0.2920
audiology		0.5652	0.0362	0.1620	0.4866	0.1095
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.3000	0.2333	0.0769	0.0000	0.3345
avila		0.6387	0.0602	0.3739	0.4991	0.3419
babies		0.4919	0.1452	0.1609	0.1856	0.3439
balance		0.9194	0.0538	0.8221	0.8504	0.1515
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9124	0.0876	0.9044	0.8067	0.3894
basehock		0.9548	0.0452	0.9548	0.9095	0.2468
bio		0.9975	0.0025	0.9240	0.8452	0.1868
bio10%		0.9966	0.0034	0.9069	0.8131	0.3595
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5696	0.5686	0.1639
bridges		0.7000	0.0857	0.4163	0.5455	0.1058
bub10at310k-hg16-17		0.9137	0.0863	0.6512	0.1326	0.3434
bub12at310k-hg16-17		0.9089	0.0911	0.6699	0.3209	0.6184
bub8at310k-hg16-17		0.9116	0.0884	0.6572	0.2673	0.5672
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9655	0.0172	0.9634	0.9282	0.1593
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography		0.8404	0.0319	0.7282	0.8082	0.1847
cardiotocography-nsp		0.9014	0.0657	0.8080	0.7122	0.3269
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5257	0.4177	0.5700
cas_N6512_cdk_ECFP2		0.7512	0.2488	0.7497	0.4995	0.7494
cas_N6512_rdkit_ATOMPAIR		0.7308	0.2692	0.7283	0.4556	0.7784
cas_N6512_RDkit_AtomPair_FP		0.7331	0.2669	0.7324	0.4546	0.7520
cas_N6512_rdkit_AVALON		0.7819	0.2181	0.7803	0.5604	0.6985
cas_N6512_RDkit_Avalon_FP		0.8021	0.1979	0.8009	0.6019	0.6617
cas_N6512_rdkit_descriptors		0.7569	0.2431	0.7569	0.5130	0.7375
cas_N6512_rdkit_FEATMORGAN		0.7496	0.2504	0.7476	0.4911	0.7420
cas_N6512_RDkit_Featmorgan_FP		0.7469	0.2531	0.7464	0.4924	0.7544
cas_N6512_RDkit_FP		0.7546	0.2454	0.7524	0.5037	0.7415
cas_N6512_rdkit_LAYERED		0.7462	0.2538	0.7515	0.4959	0.7351
cas_N6512_RDkit_Layered_FP		0.7301	0.2699	0.7290	0.4580	0.7803

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.7761	0.2239	0.7756	0.5508	0.7073
cas_N6512_rdkit_MORGAN		0.7369	0.2631	0.7345	0.4673	0.7677
cas_N6512_RDkit_morgan_FP		0.7607	0.2393	0.7589	0.5177	0.7340
cas_N6512_rdkit_PATTERN		0.7800	0.2200	0.7785	0.5569	0.7018
cas_N6512_RDkit_pattern_FP		0.7684	0.2316	0.7670	0.5295	0.7099
cas_N6512_rdkit_RDKITFP		0.7665	0.2335	0.7649	0.5264	0.7160
cas_N6512_rdkit_TORSION		0.7354	0.2646	0.7349	0.4694	0.7715
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.9643	0.0357	0.6933	0.1289	0.1053
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8450	0.1033	0.4065	0.0560	0.2278
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8497	0.1503	0.8419	0.6804	0.5747
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9335	0.0665	0.5627	0.1185	0.6440
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9767	0.0233	0.8689	0.7378	0.4199
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9994	0.0006	0.8276	0.6448	0.3289
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8420	0.1580	0.7249	0.4231	0.6284
churn-bigml		0.8689	0.1311	0.6770	0.1907	0.3895
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.2180	0.0156	0.1551	0.2101	0.1912
cirrhosis		0.7381	0.1746	0.4990	0.4726	0.4042
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8204	0.0898	0.5721	0.7168	0.2784
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.8800	0.1200	0.6001	0.1892	0.6967
cmc		0.5374	0.3084	0.5251	0.2841	0.7044
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8442	0.0283	0.5842	0.8100	0.2426
coil20		0.1944	0.0806	0.1371	0.1493	0.3007
college		0.8961	0.1039	0.8794	0.7528	0.4899
collins		0.4600	0.0720	0.2588	0.3946	0.2190
colon-tumor		0.3333	0.6667	0.3750	-0.2000	0.9308
colposcopies-1		0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2		0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3		0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4		0.5862	0.4138	0.5196	0.0387	0.9049
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.7931	0.2069	0.7929	0.5857	0.6774
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7548	0.2452	0.7553	0.5098	0.7400
coupon		0.7050	0.2950	0.6954	0.3863	0.8111
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.6960	0.0868	0.3098	0.4903	0.2927
covtypeCD		0.9607	0.0393	0.9186	0.8369	0.3592
covtypeT		0.9374	0.0626	0.6853	0.2680	0.3999
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8894	0.0369	0.6393	0.7696	0.2449
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.0312	0.0484	0.0017	0.0040	0.3622
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1533	0.2822	0.0443	0.0000	0.4044
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8190	0.1810	0.7059	0.3926	0.6846
defect		0.9414	0.0586	0.8855	0.7660	0.3578
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.9007	0.0993	0.7583	0.5166	0.6195
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.8125	0.1250	0.8272	0.7108	0.2451
DIA		0.7167	0.2833	0.6636	0.3200	0.7948
diabetes		0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5588	0.2941	0.3675	0.1592	0.5235
diabetic10%		0.5550	0.2967	0.3855	0.1865	0.5402
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5833	0.4167	0.6196	0.2105	0.8377
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9964	0.0036	0.4991	-0.0012	0.4955
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5923	0.4077	0.5959	0.1893	0.9252
dota210%		0.5515	0.4485	0.5465	0.0914	0.9637
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7652	0.1565	0.6744	0.5986	0.4273
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6809	0.0912	0.1855	0.1056	0.3469
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-06		0.4255	0.1641	0.1976	0.2565	0.4194
drug-07		0.3723	0.1793	0.1236	-0.0089	0.3565
drug-08		0.5638	0.1246	0.1940	0.1579	0.4242
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1522	0.1126	0.3569
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6383	0.1033	0.1891	0.3329	0.3156
drug-14		0.5851	0.1185	0.2503	0.3248	0.3728
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5851	0.1185	0.2427	0.3179	0.3864
drug-17		0.3883	0.1748	0.1420	0.1355	0.4241
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9214	0.0225	0.9320	0.9049	0.1281
ecoli		0.8235	0.0441	0.5127	0.7521	0.1585
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.2131	-0.0094	0.7161
eeg		0.3491	0.0814	0.2418	0.2764	0.5820
eeg-eye		0.7350	0.2650	0.7309	0.4556	0.7610
eeg10%		0.3367	0.0829	0.1967	0.2584	0.5085
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.9525	0.0475	0.8763	0.7497	0.4699
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9637	0.0363	0.9636	0.9271	0.2107
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.6423	0.0421	0.3472	0.5897	0.2376
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9608	0.0392	0.9604	0.9208	0.2238
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.3610	0.0084	0.0316	0.2973	0.2908
forest		0.9231	0.0385	0.9016	0.8941	0.1323
gas		0.9899	0.0034	0.9897	0.9878	0.0265
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5937	0.2709	0.3760	0.1376	0.5186
gene		0.8801	0.0799	0.8665	0.8082	0.3189
german		0.7200	0.2800	0.6815	0.3593	0.8117
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9308	0.0692	0.9310	0.8615	0.3315
gisette		0.9586	0.0414	0.9588	0.9171	0.2267
glass		0.7143	0.0952	0.5847	0.5896	0.2682
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.8571	0.1429	0.8538	0.7042	0.5490
glassBWNFP		0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8690	0.1310	0.8647	0.7273	0.5096
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.2667	0.3667	0.1053	0.0000	0.3898
gsalc		0.2222	0.2593	0.1224	0.1250	0.2499
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.9314	0.0114	0.5349	0.9188	0.0530
har		0.8017	0.0793	0.7932	0.7479	0.3168
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8788	0.0346	0.5185	0.8223	0.1409
har7010%		0.8845	0.0330	0.5186	0.8291	0.1790
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.7746	0.0376	0.3519	0.6852	0.2103
harth10%		0.7714	0.0381	0.3546	0.6826	0.1906
hayes-roth		0.5000	0.3333	0.5951	0.2515	0.5374
hcc-survival		0.5882	0.4118	0.5353	0.0480	0.8463
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8065	0.1935	0.8096	0.6141	0.6376
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8477	0.1523	0.8482	0.6955	0.5624
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6764	0.3236	0.6872	0.3609	0.8115
higgs1%		0.6855	0.3145	0.6832	0.3640	0.8359
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.1429	0.2143	0.0858	0.0000	0.3977
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9089	0.0911	0.8389	0.6778	0.5304
hiva		0.9551	0.0449	0.5462	0.0765	0.5927
horse		0.6111	0.2593	0.5395	0.3048	0.6475
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.7493	0.1671	0.7546	0.6243	0.4693
htru2		0.9788	0.0212	0.9345	0.8681	0.2432
hypothyroid		0.9814	0.0093	0.6973	0.8924	0.1983
hypothyroidT		0.9920	0.0080	0.9714	0.9412	0.0338
ilpd		0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.6200	0.0292	0.6001	0.6048	0.1816
jm1		0.8108	0.1892	0.6061	0.0995	0.5485
jvowels		0.8886	0.0248	0.8800	0.8736	0.1568
kc1		0.8720	0.1280	0.7136	0.2987	0.3950
kc1-class-level-defectiveornot		0.7333	0.2667	0.7159	0.4118	0.7427
kc1-class-level-numericdefect		0.7143	0.0238	0.0641	0.3488	0.1029

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1972	0.0698	0.0488	0.0413	0.0478
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3358	0.0738	0.2338	0.2433	0.4676
krvskp		0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.7119	0.0960	0.6637	0.6381	0.4484
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.3235	0.0338	0.1544	0.3037	0.1133
led24		0.6500	0.0700	0.5915	0.6034	0.1471
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.5525	0.0344	0.5517	0.5345	0.3493
leukemia		0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.6944	0.0407	0.6853	0.6727	0.1115
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7059	0.2941	0.6640	0.3281	0.8338
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8868	0.0226	0.4605	0.8418	0.0529
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.8500	0.0600	0.4565	0.6667	0.0901
lung-cancer-harvard2		0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan		0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.9043	0.0957	0.9011	0.8021	0.4231
madelon		0.5231	0.4769	0.5233	0.0462	0.9835
magic04		0.8443	0.1557	0.8258	0.6483	0.5807
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6139	0.2574	0.6319	0.4089	0.5583
math		0.7500	0.1250	0.5896	0.5918	0.2757
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2033	0.3187	0.1131	-0.0072	0.5409
messidor		0.6957	0.3043	0.6867	0.3586	0.8005
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9571	0.9227	0.0673
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9350	0.0130	0.9374	0.9278	0.0759

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
mfeat-fou			0.7500	0.0500	0.7554	0.7222	0.2124
mfeat-kar			0.9200	0.0160	0.9231	0.9111	0.0958
mfeat-mor			0.7100	0.0580	0.7063	0.6778	0.2049
mfeat-pix			0.5850	0.0830	0.5329	0.5389	0.1762
mfeat-zer			0.8000	0.0400	0.8027	0.7778	0.1732
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.9717	0.0189	0.9677	0.9563	0.0533
mines			0.5588	0.1765	0.5263	0.4438	0.4067
mobile			0.2692	0.0261	0.2142	0.2561	0.2722
monks-1			0.8727	0.1273	0.8849	0.7442	0.3522
monks-2			0.8361	0.1639	0.8151	0.6285	0.6082
monks-3			0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.0806	0.1672	0.0136	0.0000	0.3712
musk			0.9712	0.0288	0.9435	0.8818	0.1353
MUT_ci300400a_cdk_ECFP2			0.7986	0.2014	0.7914	0.5817	0.6706
MUT_ci300400a_cdk_ECFP4			0.8275	0.1725	0.8231	0.6461	0.6163
MUT_ci300400a_cdk_ECFP6			0.7653	0.2347	0.7566	0.5120	0.7293
MUT_ci300400a_cdk_ESTATE			0.7458	0.2542	0.7393	0.4786	0.7616
MUT_ci300400a_cdk_EXTENDED			0.8213	0.1787	0.8162	0.6325	0.6291
MUT_ci300400a_cdk_FCFP2			0.8072	0.1928	0.8015	0.6029	0.6572
MUT_ci300400a_cdk_FCFP4			0.8010	0.1990	0.7939	0.5870	0.6665
MUT_ci300400a_cdk_FCFP6			0.7974	0.2026	0.7936	0.5865	0.6735
MUT_ci300400a_cdk_MACCS			0.7590	0.2410	0.7490	0.4901	0.7241
MUT_ci300400a_cdk_PUBCHEM			0.8467	0.1533	0.8413	0.6810	0.5666
MUT_ci300400a_cdk_STANDARD			0.8216	0.1784	0.8160	0.6319	0.6283
MUT_ci300400a_rdkit_descriptors			0.7694	0.2306	0.7701	0.5366	0.7111
myocardial			0.8412	0.0397	0.1146	0.0280	0.1267
naticusdroid			0.9744	0.0256	0.9744	0.9489	0.1606
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.1667	0.2778	0.0833	0.0000	0.2759
ncRNA			0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%			0.8849	0.0121	0.2636	0.6547	0.2465
ncRNA10%			0.8807	0.0126	0.2499	0.6503	0.3350
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.0095	0.0450	0.0004	0.0000	0.4165
newspop			0.6594	0.3406	0.6573	0.3143	0.8705
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits			0.5139	0.3241	0.3566	0.0961	0.5653
nursery			0.9738	0.0105	0.5923	0.9611	0.0233
obesity			0.4550	0.1557	0.3121	0.3586	0.2335
obs			0.8796	0.0602	0.9048	0.8191	0.1788
occupancy			0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation			0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc			0.7129	0.0574	0.6605	0.6706	0.2653
oh10-wc			0.6381	0.0724	0.6174	0.5878	0.3673
oh15-wc			0.5761	0.0848	0.5425	0.5224	0.3782
oh5-wc			0.6703	0.0659	0.6285	0.6276	0.3065
ohscal-wc			0.1039	0.1792	0.0188	0.0000	0.4018
olive			0.9123	0.0195	0.9119	0.8910	0.0776
opn310k			0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%			0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.9110	0.0178	0.9129	0.9011	0.1196

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
optdigitsZ			0.9982	0.0018	0.9945	0.9889	0.0098
orl			0.2750	0.0362	0.2106	0.2564	0.1731
orlraws10P			0.6000	0.0800	0.4800	0.5556	0.1014
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9605	0.0395	0.6429	0.2671	0.5635
ozone8hr			0.9130	0.0870	0.6379	0.2678	0.6501
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8299	0.1701	0.8099	0.6197	0.6297
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8651	0.1349	0.8654	0.7299	0.5231
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9726	0.0110	0.7117	0.8414	0.1951
parkinson			0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons			0.8483	0.1517	0.8369	0.6715	0.5673
parkinsons-small			0.8421	0.1579	0.8508	0.6587	0.4882
particle			0.9227	0.0773	0.9047	0.8094	0.4079
particle10%			0.9154	0.0846	0.8949	0.7898	0.4289
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9279	0.0721	0.6644	0.2997	0.5774
pcmac			0.4691	0.5309	0.4589	-0.0821	1.0000
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8684	0.1316	0.8313	0.6610	0.5822
pediatric-leukemia			0.1765	0.2353	0.0490	-0.0601	0.4857
pendigits			0.8990	0.0202	0.9019	0.8877	0.1300
period			0.5556	0.4444	0.5791	0.1429	0.8628
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.7988	0.2012	0.7874	0.5746	0.6798
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9350	0.0650	0.9259	0.8489	0.3030
phishing			0.9551	0.0449	0.9533	0.9063	0.2564
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.1531	0.2420	0.0379	0.0000	0.4011
phone-acc1%			0.1413	0.2453	0.0354	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%			0.1592	0.2402	0.0392	0.0000	0.3999
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8093	0.1907	0.7715	0.5421	0.6884
phy			0.5750	0.4250	0.6003	0.1468	0.7900
pima			0.7105	0.2895	0.6874	0.3489	0.7670
pirvision			0.9915	0.0057	0.9836	0.9735	0.0883
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7895	0.2105	0.7978	0.5824	0.6422
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5385	0.0923	0.1098	0.1222	0.2687
poker10%			0.4923	0.1015	0.1040	0.0687	0.2759
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9582	0.0418	0.7408	0.4057	0.3449
polish-5th			0.9306	0.0694	0.6837	0.3532	0.5925
polya			0.7686	0.2314	0.7428	0.4835	0.7359
popularity			0.6673	0.2218	0.4184	0.2254	0.4639
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9077	0.0369	0.9075	0.8845	0.1711

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pred-tox_mutagen_ref-desc			0.5882	0.4118	0.5924	0.1765	0.9134
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2424	0.0689	0.0945	0.1799	0.2256
processed			0.9995	0.0005	0.9994	0.9988	0.0060
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE			0.7273	0.2727	0.7243	0.4407	0.7677
puc-rio			0.9238	0.0305	0.8656	0.8973	0.1521
puc-rio10%			0.9113	0.0355	0.8391	0.8809	0.1788
pufs-1281%			0.5063	0.4937	0.5066	0.0126	0.9811
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5029	0.4971	0.5031	0.0055	0.9633
pufs-6410%			0.4995	0.5005	0.4988	-0.0006	0.7010
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.7333	0.0410	0.3901	0.6485	0.3008
re1-wc			0.5783	0.0337	0.1710	0.5081	0.2349
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9859	0.0141	0.9860	0.9717	0.0916
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6430	0.3570	0.6130	0.1967	0.8374
RT_IOT2022			0.9518	0.0080	0.6089	0.8790	0.0387
satimage			0.8600	0.0467	0.8330	0.8273	0.2094
satimageF			0.9860	0.0140	0.9637	0.9274	0.1815
satimageT			0.9316	0.0684	0.7869	0.5569	0.4801
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5294	0.4706	0.5294	0.0588	0.9823
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8910	0.1090	0.5662	0.1322	0.6664
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9221	0.0223	0.9283	0.9089	0.0930
segmentation			0.7921	0.2079	0.7838	0.5630	0.6828
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8711	0.1289	0.6316	0.1974	0.5909
sens-3-gram			0.8632	0.1368	0.5963	0.1379	0.6268
sens-4-gram			0.8289	0.1711	0.5280	0.0500	0.7666
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.8721	0.0232	0.8741	0.8593	0.1296
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9011	0.0989	0.8070	0.6138	0.5702
shuttle			0.9962	0.0011	0.5194	0.9893	0.0083
sick			0.9602	0.0398	0.8172	0.6142	0.3752
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9993	0.0007	0.9989	0.9979	0.0154
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smarket			0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming			0.2200	0.3900	0.0917	-0.0541	0.5735
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.1116	-0.0023	0.5141
solar-flare			0.7482	0.0839	0.7041	0.6742	0.1942
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.5294	0.0495	0.1900	0.4643	0.1828
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9196	0.0804	0.9156	0.8297	0.3646
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.9429	0.0571	0.9300	0.8600	0.3290
spectrometer			0.4038	0.0442	0.1777	0.3621	0.2077
splice-EI			0.9306	0.0694	0.9108	0.8205	0.4012
splice-IE			0.9211	0.0789	0.8914	0.7827	0.4370
sport-articles			0.8500	0.1500	0.8425	0.6835	0.5745
squash-stored			0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.8279	0.1147	0.7934	0.7170	0.3423
steel-b			0.8615	0.1385	0.7861	0.5716	0.6239
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.7744	0.2256	0.7436	0.4820	0.7231
steel-p			0.9282	0.0718	0.7886	0.5721	0.5868
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9125	0.8251	0.3478
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8750	0.1250	0.7716	0.5358	0.5982
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6150	0.1540	0.2719	0.3394	0.3323
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4200	0.2320	0.1958	0.0729	0.4493
student-weekend			0.3846	0.2462	0.1946	0.0871	0.5415
student-workday			0.7500	0.1000	0.2825	0.3544	0.3874
studentap			0.6923	0.2051	0.6667	0.5185	0.4133
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.8014	0.1986	0.8004	0.5955	0.6463
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5790	0.3000	0.5409
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9200	0.0145	0.9341	0.9119	0.0601
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8497	0.1503	0.7903	0.5781	0.6209
tis10%			0.7687	0.2313	0.6383	0.2461	0.7506
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7059	0.1471	0.7187	0.6065	0.2616
toxicity			0.6471	0.3529	0.6451	0.2817	0.8486

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.6053	0.1990	0.8161
trec11-wc			0.8293	0.0379	0.6349	0.7891	0.0985
trec12-wc			0.3226	0.1694	0.1687	0.1718	0.3387
trec21-wc			0.9394	0.0242	0.7708	0.8738	0.1263
trec23-wc			0.5714	0.1429	0.4351	0.4358	0.3591
trec31-wc			0.9462	0.0179	0.7757	0.9276	0.0502
trec41-wc			0.6023	0.0795	0.3377	0.4993	0.2409
trec45-wc			0.7246	0.0551	0.5539	0.6789	0.1915
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.8500	0.0750	0.8495	0.8000	0.2106
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.8692	0.1308	0.8583	0.7079	0.4849
tvnews10%			0.8874	0.1126	0.8780	0.7554	0.4770
ur3_cobotops_grip			0.9741	0.0259	0.7426	0.3779	0.2389
ur3_cobotops_stop			0.9605	0.0395	0.6057	0.1573	0.4998
urban			0.7612	0.0531	0.7145	0.7208	0.1745
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7619	0.1190	0.7422	0.6812	0.2437
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.6768	0.0588	0.6775	0.6444	0.1570
vowelZ			0.9697	0.0303	0.9024	0.7843	0.0972
vrnormat310k-hg16-17			0.9185	0.0815	0.7032	0.3786	0.5623
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.8462	0.0308	0.7467	0.8267	0.0390
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1339	0.2475	0.0337	0.0000	0.4036
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1523	0.2422	0.0378	0.0000	0.4014
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8300	0.1133	0.8310	0.7450	0.3780
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8370	0.1086	0.7191	0.7080	0.4442
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9917	0.0083	0.9609	0.9187	0.2846
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5472	0.1509	0.2578	0.2631	0.4126
winequality-white			0.5419	0.1309	0.2292	0.2619	0.4194
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9840	0.0046	0.9800	0.9798	0.0471
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.5625	0.0583	0.4713	0.5274	0.1091
yeast			0.5608	0.0878	0.3528	0.4228	0.3456
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9527	0.0473	0.6808	0.3410	0.5495

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
zip		0.8925	0.0215	0.8844	0.8794	0.1555	

Table 124: Detailed results for MLPWD

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1175	0.0609	0.0572	0.0370	0.4452
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9822	0.0178	0.6033	0.0327	0.1600
accident		0.6000	0.4000	0.6094	0.2000	0.8750
ads		0.9726	0.0274	0.9437	0.8872	0.2774
adult		0.8466	0.1534	0.7781	0.5531	0.6342
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8920	0.1080	0.8473	0.6892	0.4885
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7143	0.1143	0.2617	0.1627	0.2306
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8512	0.1488	0.8358	0.6515	0.4934
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9569	0.0216	0.7077	0.9176	0.1225
anuran-genus		0.9555	0.0111	0.7728	0.9263	0.1388
anuran-species		0.9500	0.0100	0.8775	0.9306	0.0960
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.8950	0.1050	0.8979	0.7900	0.4156
aps-failure		0.9828	0.0172	0.6712	0.0948	0.1087
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.6667	0.0513	0.2091	0.4664	0.2468
auction		0.9510	0.0490	0.8817	0.7463	0.2561
audiology		0.5217	0.0399	0.1285	0.4340	0.1520
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.3000	0.2333	0.0769	0.0000	0.3345
avila		0.6517	0.0581	0.4034	0.5206	0.3239
babies		0.4919	0.1452	0.1609	0.1916	0.3565
balance		0.9194	0.0538	0.8228	0.8500	0.1526
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9147	0.0853	0.9078	0.8088	0.3422
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9969	0.0031	0.9046	0.7967	0.1175
bio10%		0.9945	0.0055	0.8568	0.7115	0.4541
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17		0.9109	0.0891	0.6570	0.2719	0.5781
bub12at310k-hg16-17		0.9119	0.0881	0.6513	0.2412	0.5421
bub8at310k-hg16-17		0.9148	0.0852	0.6566	0.1863	0.4117
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9598	0.0201	0.9589	0.9158	0.1720
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography		0.8028	0.0394	0.6944	0.7630	0.2372
cardiotocography-nsp		0.9014	0.0657	0.8071	0.7149	0.2801
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8000	0.1333	0.7929	0.6544	0.2800
cas_N6512_cdk_ECFP2		0.7450	0.2550	0.7426	0.4829	0.7536
cas_N6512_rdkit_ATOMPAIR		0.7092	0.2908	0.7064	0.4089	0.8025
cas_N6512_RDkit_AtomPair_FP		0.7362	0.2638	0.7363	0.4718	0.7688
cas_N6512_rdkit_AVALON		0.7665	0.2335	0.7652	0.5304	0.7247
cas_N6512_RDkit_Avalon_FP		0.8114	0.1887	0.8104	0.6207	0.6439
cas_N6512_rdkit_descriptors		0.7708	0.2292	0.7691	0.5380	0.7175
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.7623	0.2377	0.7622	0.5236	0.7292
cas_N6512_RDkit_FP		0.7531	0.2469	0.7511	0.5019	0.7460
cas_N6512_rdkit_LAYERED		0.7662	0.2338	0.7643	0.5284	0.7249
cas_N6512_RDkit_Layered_FP		0.7592	0.2408	0.7571	0.5127	0.7331

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.7623	0.2377	0.7633	0.5248	0.7258
cas_N6512_rdkit_MORGAN		0.8031	0.1969	0.8025	0.5998	0.6430
cas_N6512_RDkit_morgan_FP		0.7500	0.2500	0.7493	0.4899	0.7292
cas_N6512_rdkit_PATTERN		0.7769	0.2231	0.7752	0.5502	0.7068
cas_N6512_RDkit_pattern_FP		0.7546	0.2454	0.7530	0.5061	0.7441
cas_N6512_rdkit_RDKITFP		0.7435	0.2565	0.7456	0.4739	0.7161
cas_N6512_rdkit_TORSION		0.7200	0.2800	0.7199	0.4391	0.7926
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.8041	0.6046	0.6479
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7844	0.4877	0.2146
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9970	0.0030	0.4992	-0.0010	0.4761
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9994	0.0006	0.8414	0.6664	0.2633
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8520	0.1480	0.7434	0.4549	0.5854
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.2360	0.0153	0.2057	0.2283	0.2381
cirrhosis		0.7619	0.1587	0.5169	0.5249	0.3828
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8093	0.0954	0.5668	0.6956	0.2975
climate		0.8889	0.1111	0.4706	-0.0519	0.7116
cll_sub_111		0.6667	0.2222	0.6873	0.4783	0.4482
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5238	0.3175	0.4936	0.2445	0.7219
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8496	0.0273	0.5168	0.8162	0.2265
coil20		0.2569	0.0743	0.1618	0.2152	0.2539
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.4600	0.0720	0.2410	0.3897	0.1904
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2		0.5517	0.4483	0.5155	0.0308	0.9708
colposcopies-3		0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6897	0.3103	0.7395	0.3650	0.4882
colposcopies-c		0.7241	0.2759	0.5851	0.1655	0.8480
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7716	0.2284	0.7716	0.5432	0.7148
coupon		0.6901	0.3099	0.6886	0.3758	0.8299
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.7033	0.0848	0.4004	0.5222	0.3505
covtypeCD		0.9379	0.0621	0.8576	0.7026	0.3687
covtypeT		0.9473	0.0527	0.7536	0.4496	0.3866
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8968	0.0344	0.7309	0.7850	0.3784
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1250	0.0437	0.0346	0.1013	0.2027
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8240	0.1760	0.7140	0.4068	0.6687
defect		0.9136	0.0864	0.8249	0.6337	0.4476
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.9053	0.0947	0.7445	0.4796	0.5867
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.8125	0.1250	0.8272	0.7108	0.2451
DIA		0.7167	0.2833	0.6138	0.2273	0.8427
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5686	0.2876	0.3546	0.1130	0.4609
diabetic10%		0.5619	0.2921	0.3601	0.0783	0.4371
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5904	0.4096	0.5952	0.1869	0.9232
dota210%		0.5592	0.4408	0.5538	0.1046	0.9536
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7449	0.1701	0.6608	0.5625	0.4596
drug-01		0.1543	0.2416	0.0382	0.0000	0.3231
drug-02		0.5053	0.1413	0.1271	0.0324	0.3837
drug-03		0.6702	0.0942	0.1372	0.0598	0.3475
drug-04		0.5319	0.1337	0.1010	0.0225	0.2989

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.2285	0.2527	0.4312
drug-07		0.4202	0.1657	0.1336	0.0373	0.3702
drug-08		0.5585	0.1261	0.1776	0.1660	0.3667
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5638	0.1246	0.1593	0.1479	0.3491
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1723	0.1969	0.3211
drug-14		0.5957	0.1155	0.2332	0.3096	0.3884
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.6064	0.1125	0.2567	0.3110	0.3271
drug-17		0.3617	0.1824	0.1299	0.0947	0.4350
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9199	0.0229	0.9338	0.9031	0.1261
ecoli		0.8529	0.0368	0.5234	0.7949	0.1321
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.1792	0.0243	0.5558
eeg		0.3648	0.0794	0.2888	0.2888	0.5829
eeg-eye		0.7316	0.2684	0.7276	0.4482	0.7644
eeg10%		0.3536	0.0808	0.2141	0.2781	0.4980
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.9557	0.0443	0.8868	0.7695	0.4573
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9652	0.0348	0.9652	0.9303	0.2038
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.6870	0.0368	0.3873	0.6418	0.2055
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8627	0.1373	0.8624	0.7196	0.5076
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9423	0.0288	0.9321	0.9205	0.0785
gas		0.9907	0.0031	0.9906	0.9887	0.0239
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6042	0.2639	0.3829	0.1504	0.5089
gene		0.9054	0.0631	0.8947	0.8484	0.2712
german		0.7200	0.2800	0.6785	0.3503	0.8079
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9481	0.0519	0.9484	0.8963	0.2692
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6667	0.1111	0.6697	0.5227	0.2557
glass-g2		0.6875	0.3125	0.6789	0.3548	0.8301
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8602	0.6875	0.1858
glioma-grade		0.8810	0.1190	0.8776	0.7551	0.4910
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4000	0.3000	0.2519	0.1401	0.5021
gsalc		0.4444	0.1852	0.3333	0.3284	0.1984
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.9177	0.0137	0.4727	0.9018	0.0757
har		0.8017	0.0793	0.7977	0.7490	0.3253
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8686	0.0375	0.5139	0.8096	0.1495
har7010%		0.8783	0.0348	0.5162	0.8210	0.1513
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.7629	0.0395	0.3265	0.6717	0.2516
harth10%		0.7665	0.0389	0.3043	0.6759	0.2025
hayes-roth		0.5000	0.3333	0.5951	0.2515	0.5374
hcc-survival		0.5294	0.4706	0.4923	-0.0149	0.9858
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8889	0.1111	0.8845	0.7666	0.4543
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.8077	0.5455	0.5283
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8439	0.1561	0.8467	0.6881	0.5539
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6736	0.3264	0.6768	0.3503	0.8434
higgs1%		0.6894	0.3106	0.6879	0.3758	0.8354
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9123	0.0877	0.8311	0.6418	0.4190
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6667	0.2222	0.6187	0.4217	0.5745
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.7131	0.1912	0.7215	0.5649	0.5110
htru2		0.9765	0.0235	0.9284	0.8567	0.2848
hypothyroid		0.9814	0.0093	0.6993	0.8864	0.1427
hypothyroidT		0.9841	0.0159	0.9513	0.8976	0.3202
ilpd		0.6780	0.3220	0.5181	0.0278	0.8593
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.8667	0.0889	0.8500	0.7973	0.2122
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.6727	0.0252	0.6212	0.6595	0.1538
jm1		0.8200	0.1800	0.6416	0.1826	0.5689
jvowels		0.8765	0.0274	0.8712	0.8600	0.1772
kc1		0.8768	0.1232	0.7238	0.3590	0.4552
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.0698	0.0569	0.0410	0.0466
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3390	0.0734	0.2169	0.2478	0.4520
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.2059	0.0397	0.0769	0.1833	0.1540
led24		0.6000	0.0800	0.6027	0.5493	0.1821
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.5805	0.0323	0.5883	0.5634	0.3540
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.6389	0.0481	0.6466	0.6132	0.1003
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0207
liver		0.6471	0.3529	0.6574	0.2941	0.8066
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8302	0.0340	0.3372	0.7613	0.1128
lung		0.9048	0.0381	0.8411	0.8100	0.0677
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.7652	0.8964	0.0232
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9043	0.0957	0.9033	0.8050	0.4227
madelon		0.5577	0.4423	0.5581	0.1154	0.9598
magic04		0.8538	0.1462	0.8364	0.6645	0.5366
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6436	0.2376	0.6438	0.4502	0.5228
math		0.6500	0.1750	0.4985	0.4702	0.3959
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.7130	0.2870	0.7104	0.4202	0.8038
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.7778	0.1111	0.6252	0.6828	0.2443

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-fac		0.9500	0.0100	0.9519	0.9444	0.0564
mfeat-fou		0.7850	0.0430	0.7805	0.7611	0.1746
mfeat-kar		0.9350	0.0130	0.9357	0.9278	0.0799
mfeat-mor		0.7400	0.0520	0.7233	0.7111	0.1598
mfeat-pix		0.6500	0.0700	0.5820	0.6111	0.1647
mfeat-zer		0.7550	0.0490	0.7618	0.7278	0.2144
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5882	0.1647	0.6010	0.4826	0.3440
mobile		0.2483	0.0268	0.2026	0.2345	0.2626
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8525	0.1475	0.8330	0.6617	0.5586
monks-3		0.8571	0.1429	0.8737	0.7168	0.3812
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9712	0.0288	0.9433	0.8838	0.1811
MUT_ci300400a_cdk_ECFP2		0.7962	0.2038	0.7901	0.5802	0.6779
MUT_ci300400a_cdk_ECFP4		0.7557	0.2443	0.7647	0.5161	0.7039
MUT_ci300400a_cdk_ECFP6		0.7677	0.2323	0.7686	0.5327	0.7119
MUT_ci300400a_cdk_ESTATE		0.7410	0.2590	0.7373	0.4734	0.7643
MUT_ci300400a_cdk_EXTENDED		0.8237	0.1763	0.8180	0.6356	0.6228
MUT_ci300400a_cdk_FCFP2		0.8323	0.1677	0.8272	0.6543	0.6058
MUT_ci300400a_cdk_FCFP4		0.8094	0.1906	0.8030	0.6056	0.6516
MUT_ci300400a_cdk_FCFP6		0.8118	0.1882	0.8072	0.6143	0.6478
MUT_ci300400a_cdk_MACCS		0.8141	0.1859	0.8101	0.6199	0.6426
MUT_ci300400a_cdk_PUBCHEM		0.8407	0.1593	0.8351	0.6676	0.5768
MUT_ci300400a_cdk_STANDARD		0.8263	0.1737	0.8212	0.6424	0.6187
MUT_ci300400a_rdkit_descriptors		0.8020	0.1980	0.7984	0.5967	0.6650
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9680	0.0320	0.9680	0.9359	0.1909
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.3333	0.2222	0.1961	0.2000	0.2286
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8768	0.0130	0.2526	0.6400	0.2102
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6539	0.3461	0.6521	0.3041	0.8767
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5139	0.3241	0.3372	0.0311	0.5435
nursery		0.9691	0.0123	0.5893	0.9543	0.0348
obesity		0.5450	0.1300	0.4709	0.4677	0.3223
obs		0.8704	0.0648	0.8974	0.8057	0.1920
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc		0.8515	0.0297	0.8382	0.8291	0.1286
oh10-wc		0.7143	0.0571	0.6713	0.6740	0.2622
oh15-wc		0.6848	0.0630	0.5888	0.6393	0.2671
oh5-wc		0.7473	0.0505	0.7396	0.7125	0.2184
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9298	0.0156	0.9180	0.9124	0.0471
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
optdigits		0.8488	0.0302	0.8664	0.8321	0.1640
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.3000	0.0350	0.2057	0.2821	0.1611
orlraws10P		0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer		0.8400	0.1600	0.8344	0.6154	0.3522
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8041	0.1959	0.7835	0.5669	0.6802
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8837	0.7626	0.4657
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9799	0.0080	0.8807	0.8815	0.0789
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.8199	0.1801	0.8054	0.6020	0.6102
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.9221	0.0779	0.9057	0.8107	0.4148
particle10%		0.9015	0.0985	0.8765	0.7525	0.4668
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.7973	0.5932	0.6403
pediatric-leukemia		0.2353	0.2185	0.0602	0.0123	0.3897
pendigits		0.8963	0.0207	0.9042	0.8848	0.1131
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.8192	0.1808	0.8038	0.6013	0.6211
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.9150	0.0850	0.9052	0.8100	0.4166
phishing		0.9714	0.0286	0.9700	0.9399	0.1774
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%		0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%		0.1364	0.2467	0.0343	0.0000	0.4039
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.1594	0.2402	0.0393	0.0000	0.3999
phone-gyr1%		0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.8019	0.1981	0.7703	0.5368	0.6916
phy		0.5700	0.4300	0.5709	0.1390	0.9441
pima		0.7105	0.2895	0.6891	0.3407	0.7408
pirvision		0.9967	0.0022	0.9944	0.9897	0.0417
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.5789	0.4211	0.6724	0.1915	0.5232
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.5200	0.0960	0.1083	0.0487	0.2047
poker10%		0.5282	0.0944	0.1075	0.0754	0.2388
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9541	0.0459	0.7137	0.3798	0.4557
polish-5th		0.9374	0.0626	0.7055	0.3828	0.5342
polya		0.7762	0.2238	0.7534	0.5061	0.7253
popularity		0.6666	0.2223	0.4143	0.1961	0.4472
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
postures			0.9008	0.0397	0.9027	0.8760	0.1718
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6338	0.2647	0.8906
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3333	0.0606	0.1292	0.2667	0.2150
processed			0.9997	0.0003	0.9996	0.9992	0.0054
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9153	0.0339	0.8597	0.8865	0.1940
puc-rio10%			0.9101	0.0360	0.8452	0.8788	0.1769
pufs-1281%			0.4913	0.5087	0.4903	-0.0172	0.9683
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8889	0.1111	0.8904	0.7778	0.4479
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.7533	0.0379	0.4186	0.6782	0.2443
re1-wc			0.5723	0.0342	0.1412	0.4877	0.2359
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9930	0.0070	0.9930	0.9858	0.0537
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6270	0.3730	0.5927	0.1396	0.8047
RT_IOT2022			0.9819	0.0030	0.7065	0.9544	0.0209
satimage			0.8616	0.0461	0.8374	0.8295	0.2098
satimageF			0.9829	0.0171	0.9552	0.9101	0.1937
satimageT			0.9347	0.0653	0.7988	0.5838	0.4705
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9264	0.0210	0.9349	0.9139	0.0835
segmentation			0.8168	0.1832	0.7977	0.5945	0.6489
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.8576	0.0259	0.8570	0.8434	0.1425
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8905	0.1095	0.8026	0.6031	0.6013
shuttle			0.9972	0.0008	0.5382	0.9922	0.0042
sick			0.9629	0.0371	0.8294	0.6317	0.3152
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9995	0.0005	0.9992	0.9984	0.0119
skin10%			0.9984	0.0016	0.9975	0.9950	0.0233

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smarket			0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7266	0.0911	0.5316	0.6445	0.1966
sonar			0.6500	0.3500	0.6508	0.3000	0.8761
soybean			0.5882	0.0433	0.2699	0.5421	0.1621
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9065	0.0935	0.9020	0.8009	0.3957
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer			0.4615	0.0399	0.2200	0.4247	0.1947
splice-EI			0.9495	0.0505	0.9331	0.8662	0.3155
splice-IE			0.9148	0.0852	0.8865	0.7716	0.4642
sport-articles			0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored			0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.8191	0.1206	0.7813	0.7024	0.3620
steel-b			0.8513	0.1487	0.7598	0.5130	0.6362
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.7846	0.2154	0.7613	0.5226	0.7138
steel-p			0.9385	0.0615	0.7527	0.4290	0.3541
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9005	0.8006	0.3957
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8819	0.1181	0.7826	0.5543	0.5665
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6000	0.1600	0.2662	0.3080	0.3376
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.4000	0.2400	0.2028	0.1595	0.4498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6154	0.2564	0.6222	0.4091	0.5412
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.8012	0.1988	0.7998	0.5958	0.6518
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6667	0.2222	0.6933	0.5000	0.4209
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9855	0.0026	0.9867	0.9840	0.0213
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8556	0.1444	0.8024	0.6041	0.6124
tis10%			0.8134	0.1866	0.7221	0.4206	0.6651
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc			0.8537	0.0325	0.5991	0.8153	0.0926
trec12-wc			0.3871	0.1532	0.1798	0.2429	0.3107
trec21-wc			0.9394	0.0242	0.5647	0.8731	0.0369
trec23-wc			0.7619	0.0794	0.5540	0.6546	0.2226
trec31-wc			0.9032	0.0323	0.7318	0.8706	0.1559
trec41-wc			0.5227	0.0955	0.3467	0.4067	0.2742
trec45-wc			0.6957	0.0609	0.5842	0.6333	0.2096
tuandromd			0.9821	0.0179	0.9720	0.9439	0.1494
turkish			0.7500	0.1250	0.7437	0.6667	0.2630
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.6462	0.3538	0.5988	0.0621	0.5874
tvnews10%			0.8643	0.1357	0.8584	0.7145	0.5392
ur3_cobotops_grip			0.9660	0.0340	0.6521	0.2707	0.5188
ur3_cobotops_stop			0.9714	0.0286	0.7480	0.4209	0.3102
urban			0.8209	0.0398	0.7655	0.7910	0.1400
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7976	0.1012	0.7776	0.7276	0.2302
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.6162	0.0698	0.6427	0.5778	0.1907
vowelZ			0.9394	0.0606	0.8167	0.6333	0.5293
vrnormat310k-hg16-17			0.9202	0.0798	0.7239	0.4354	0.5792
wap-wc			0.3974	0.0603	0.1481	0.3179	0.2626
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1523	0.2422	0.0378	0.0000	0.4014
water_pollution			0.2500	0.3750	0.1000	0.0000	0.4041
waveform			0.8520	0.0987	0.8542	0.7778	0.3335
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8000	0.1333	0.6259	0.6313	0.4393
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9938	0.0062	0.9679	0.9355	0.1991
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5723	0.1426	0.2577	0.2814	0.3549
winequality-white			0.5317	0.1338	0.2755	0.2417	0.3814
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9822	0.0051	0.8240	0.9775	0.0345
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.6600	0.7311	0.0549
yeast			0.5946	0.0811	0.3685	0.4803	0.3892
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9527	0.0473	0.6808	0.3410	0.5495

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
zip		0.8978	0.0204	0.8913	0.8855	0.1441	

Table 125: Detailed results for MLPWDML

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1223	0.0605	0.0639	0.0390	0.4452
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8536	0.1464	0.7867	0.5685	0.6119
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.9014	0.0986	0.8605	0.7123	0.4372
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7814	0.2186	0.7966	0.5646	0.6243
anneal		0.9663	0.0135	0.7748	0.9296	0.1075
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9722	0.0139	0.7291	0.9468	0.0728
anuran-genus		0.9388	0.0153	0.7428	0.8980	0.1372
anuran-species		0.9389	0.0122	0.7789	0.9149	0.1171
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.8900	0.1100	0.8939	0.7800	0.4195
aps-failure		0.9828	0.0172	0.6712	0.0948	0.1087
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.6889	0.0479	0.2210	0.4340	0.1487
auction		0.9412	0.0588	0.8574	0.6706	0.1610
audiology		0.5652	0.0362	0.1664	0.4843	0.1371
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.3000	0.2333	0.0800	0.0000	0.3386
avila		0.6488	0.0585	0.4104	0.5306	0.3220
babies		0.4516	0.1567	0.1758	0.1260	0.3677
balance		0.9194	0.0538	0.8221	0.8504	0.1515
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9240	0.0760	0.9177	0.8304	0.3221
basehock		0.9497	0.0503	0.9501	0.8995	0.2604
bio		0.9968	0.0032	0.9037	0.8018	0.2064
bio10%		0.9959	0.0041	0.8930	0.7836	0.4083
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5696	0.5686	0.1639
bridges		0.8000	0.0571	0.5195	0.6970	0.0821
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9120	0.0880	0.6339	0.1357	0.4118
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9598	0.0201	0.9328	0.9153	0.1664
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography		0.8028	0.0394	0.7272	0.7631	0.2250
cardiotocography-nsp		0.9202	0.0532	0.8505	0.7605	0.2048
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.7024	0.5333	0.3875
cas_N6512_cdk_ECFP2		0.7143	0.2857	0.7123	0.4245	0.8034
cas_N6512_rdkit_ATOMPAIR		0.7154	0.2846	0.7151	0.4297	0.7992
cas_N6512_RDkit_AtomPair_FP		0.7423	0.2577	0.7400	0.4787	0.7603
cas_N6512_rdkit_AVALON		0.7926	0.2074	0.7913	0.5826	0.6795
cas_N6512_RDkit_Avalon_FP		0.8006	0.1994	0.7993	0.5985	0.6645
cas_N6512_rdkit_descriptors		0.7585	0.2415	0.7573	0.5146	0.7375
cas_N6512_rdkit_FEATMORGAN		0.7389	0.2611	0.7370	0.4681	0.7544
cas_N6512_RDkit_Featmorgan_FP		0.7439	0.2561	0.7428	0.4777	0.7413
cas_N6512_RDkit_FP		0.7561	0.2439	0.7545	0.5090	0.7416
cas_N6512_rdkit_LAYERED		0.7938	0.2062	0.7938	0.5868	0.6748
cas_N6512_RDkit_Layered_FP		0.7607	0.2393	0.7587	0.5168	0.7329

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.7500	0.2500	0.7495	0.4986	0.7496
cas_N6512_rdkit_MORGAN		0.8046	0.1954	0.8035	0.6038	0.6466
cas_N6512_RDkit_morgan_FP		0.7761	0.2239	0.7742	0.5471	0.7054
cas_N6512_rdkit_PATTERN		0.7785	0.2215	0.7783	0.5560	0.7022
cas_N6512_RDkit_pattern_FP		0.7653	0.2347	0.7641	0.5282	0.7266
cas_N6512_rdkit_RDKITFP		0.7619	0.2381	0.7601	0.5201	0.7320
cas_N6512_rdkit_TORSION		0.7462	0.2538	0.7469	0.4923	0.7522
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.9505	0.0495	0.6152	0.2252	0.6122
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8083	0.1917	0.7939	0.5869	0.6662
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7854	0.5278	0.3340
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.8132	0.6186	0.5081
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8400	0.1600	0.7168	0.3893	0.5992
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.2620	0.0148	0.2423	0.2545	0.2123
cirrhosis		0.7619	0.1587	0.5169	0.5249	0.3828
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8269	0.0866	0.6630	0.7298	0.3115
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5646	0.2902	0.5327	0.3022	0.6759
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8335	0.0303	0.4798	0.7967	0.2242
coil20		0.4375	0.0563	0.3560	0.4085	0.1725
college		0.9091	0.0909	0.8921	0.7806	0.4581
collins		0.4400	0.0747	0.2516	0.3736	0.2311
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.7241	0.2759	0.7108	0.4171	0.7845
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4		0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7620	0.2380	0.7621	0.5238	0.7301
coupon		0.7066	0.2934	0.6970	0.3829	0.7948
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.7010	0.0854	0.3119	0.4986	0.2895
covtypeCD		0.9607	0.0393	0.9153	0.8302	0.3297
covtypeT		0.9423	0.0577	0.7585	0.5128	0.5485
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8959	0.0347	0.6704	0.7823	0.2431
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1250	0.0437	0.0495	0.0986	0.2497
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.0460	0.0000	0.4033
cyclopentane		0.6667	0.3333	0.6657	0.3306	0.8586
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8247	0.1753	0.7166	0.4149	0.6721
defect		0.9383	0.0617	0.8789	0.7516	0.3661
dementia		0.4800	0.5200	0.3243	0.0000	0.5302
deposit		0.9042	0.0958	0.7352	0.4547	0.5794
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8919	0.0360	0.7600	0.8632	0.0983
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.7500	0.1667	0.7616	0.6098	0.2841
DIA		0.6833	0.3167	0.6402	0.2692	0.8042
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5490	0.3007	0.3178	0.0328	0.3536
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.4583	0.5417	0.4782	-0.0400	0.9695
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5999	0.4001	0.5965	0.1910	0.9257
dota210%		0.5563	0.4437	0.5502	0.0957	0.9493
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7381	0.1746	0.6434	0.5549	0.4905
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5000	0.1429	0.1336	0.0678	0.3985
drug-03		0.6702	0.0942	0.1287	0.0348	0.3434
drug-04		0.5372	0.1322	0.1913	0.0869	0.3391
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-06		0.4468	0.1581	0.2640	0.2914	0.4426
drug-07		0.3617	0.1824	0.0759	0.0000	0.2501
drug-08		0.5585	0.1261	0.1786	0.1612	0.3678
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1530	0.1446	0.3572
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6277	0.1064	0.1765	0.2693	0.3193
drug-14		0.6064	0.1125	0.2225	0.2443	0.3863
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.6064	0.1125	0.2479	0.3164	0.3230
drug-17		0.3830	0.1763	0.1397	0.1274	0.4266
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9221	0.0223	0.9325	0.9057	0.1263
ecoli		0.8529	0.0368	0.5439	0.7959	0.1175
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3300	0.3350	0.2945	0.1002	0.6585
eeg		0.3626	0.0797	0.2913	0.2877	0.5885
eeg-eye		0.7283	0.2717	0.7313	0.4584	0.7705
eeg10%		0.3418	0.0823	0.2248	0.2663	0.5847
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9654	0.0346	0.9653	0.9307	0.2027
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8627	0.1373	0.8663	0.7173	0.4598
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.9705	0.0098	0.9676	0.9642	0.0588
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5832	0.2779	0.2456	-0.0115	0.3652
gene		0.9148	0.0568	0.9033	0.8640	0.2348
german		0.7200	0.2800	0.6785	0.3503	0.8079
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9280	0.0720	0.9284	0.8557	0.3366
gisette		0.9571	0.0429	0.9573	0.9143	0.2351
glass		0.6667	0.1111	0.5328	0.5243	0.2368
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP		0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.2667	0.3667	0.1053	0.0000	0.3898
gsalc		0.6667	0.1111	0.6222	0.5970	0.1567
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.9277	0.0120	0.5320	0.9146	0.0586
har		0.7803	0.0879	0.7688	0.7206	0.3482
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8743	0.0359	0.5161	0.8170	0.1497
har7010%		0.8857	0.0327	0.5220	0.8310	0.1407
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.7763	0.0373	0.3557	0.6906	0.2052
harth10%		0.7748	0.0375	0.3697	0.6898	0.2281
hayes-roth		0.3125	0.4583	0.3528	-0.0539	0.7355
hcc-survival		0.4118	0.5882	0.3604	-0.2687	1.0000
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7950	0.5645	0.6291
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.8000	0.2000	0.8228	0.5872	0.4205
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis		0.9333	0.0667	0.9148	0.8148	0.4011
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8425	0.1575	0.8445	0.6852	0.5636
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6800	0.3200	0.6880	0.3664	0.8183
higgs1%		0.6835	0.3165	0.6826	0.3651	0.8420
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0850	0.0000	0.4195
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9089	0.0911	0.8236	0.6212	0.4139
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5833	0.2778	0.3856	0.1818	0.4766
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.7201	0.1866	0.7283	0.5779	0.4917
htru2		0.9799	0.0201	0.9382	0.8758	0.2390
hypothyroid		0.9814	0.0093	0.6993	0.8864	0.1427
hypothyroidT		0.9920	0.0080	0.9714	0.9412	0.0338
ilpd		0.2881	0.7119	0.2237	0.0000	0.4728
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.5751	0.0327	0.5504	0.5581	0.1934
jm1		0.8099	0.1901	0.6140	0.1645	0.6587
jvowels		0.8855	0.0254	0.8780	0.8703	0.1624
kc1		0.8720	0.1280	0.7239	0.2727	0.2697
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6929	0.3824	0.7363
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1966	0.0699	0.0432	0.0407	0.0517
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3447	0.0728	0.2676	0.2571	0.4888
krvskp		0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.2353	0.0382	0.1161	0.2163	0.1381
led24		0.6000	0.0800	0.5620	0.5543	0.1923
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.6090	0.0301	0.6185	0.5931	0.3345
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.7143	0.2857	0.7742	0.4615	0.5000
libra		0.6944	0.0407	0.6252	0.6722	0.1008
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6176	0.3824	0.6372	0.2508	0.8143
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8491	0.0302	0.3750	0.7852	0.0883
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7099	0.7790	0.0679
lung-cancer-harvard2		0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan		0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2		0.7778	0.0741	0.6496	0.6842	0.0899
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.5346	0.4654	0.5347	0.0692	0.9780
magic04		0.8659	0.1341	0.8503	0.6928	0.5042
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8021	0.1979	0.8123	0.6082	0.6068
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6733	0.2178	0.6788	0.5033	0.5523
math		0.7750	0.1125	0.7653	0.6491	0.3215
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.7217	0.2783	0.7148	0.4149	0.7635
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9600	0.0080	0.9607	0.9556	0.0499

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-fou		0.7650	0.0470	0.7402	0.7389	0.1817
mfeat-kar		0.9450	0.0110	0.9455	0.9389	0.0664
mfeat-mor		0.7100	0.0580	0.6916	0.6778	0.1894
mfeat-pix		0.6100	0.0780	0.5497	0.5667	0.2268
mfeat-zer		0.8500	0.0300	0.8497	0.8333	0.1048
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5882	0.1647	0.5129	0.4832	0.3403
mobile		0.2273	0.0276	0.1867	0.2133	0.2785
monks-1		0.8727	0.1273	0.8849	0.7442	0.3522
monks-2		0.8525	0.1475	0.8387	0.6769	0.5789
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9803	0.0197	0.9616	0.9212	0.1091
MUT_ci300400a_cdk_ECFP2		0.8273	0.1727	0.8214	0.6420	0.6134
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.7737	0.2263	0.7663	0.5323	0.7172
MUT_ci300400a_cdk_ESTATE		0.7590	0.2410	0.7503	0.4997	0.7407
MUT_ci300400a_cdk_EXTENDED		0.8201	0.1799	0.8151	0.6302	0.6315
MUT_ci300400a_cdk_FCFP2		0.8204	0.1796	0.8138	0.6249	0.6220
MUT_ci300400a_cdk_FCFP4		0.7842	0.2158	0.7764	0.5518	0.6973
MUT_ci300400a_cdk_FCFP6		0.7758	0.2242	0.7672	0.5323	0.7095
MUT_ci300400a_cdk_MACCS		0.8106	0.1894	0.8035	0.6040	0.6406
MUT_ci300400a_cdk_PUBCHEM		0.8347	0.1653	0.8289	0.6541	0.5863
MUT_ci300400a_cdk_STANDARD		0.8132	0.1868	0.8098	0.6188	0.6433
MUT_ci300400a_rdkit_descriptors		0.7982	0.2018	0.7924	0.5835	0.6692
myocardial		0.8412	0.0397	0.1368	0.1032	0.1879
naticusdroid		0.9666	0.0334	0.9666	0.9332	0.1969
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.1667	0.0000	0.3261
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8763	0.0130	0.2215	0.6273	0.2954
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6521	0.3479	0.6507	0.3013	0.8783
NHANES_age_prediction		0.9956	0.0044	0.9917	0.9833	0.0224
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5000	0.3333	0.3355	0.0350	0.5595
nursery		0.9861	0.0056	0.7832	0.9797	0.0451
obesity		0.6540	0.0988	0.6290	0.5945	0.2383
obs		0.8796	0.0602	0.9053	0.8219	0.1928
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9891	0.0054	0.9660	0.9670	0.0436
oh0-wc		0.7624	0.0475	0.6760	0.7261	0.1850
oh10-wc		0.6952	0.0610	0.6968	0.6523	0.3042
oh15-wc		0.6304	0.0739	0.5472	0.5794	0.3056
oh5-wc		0.7473	0.0505	0.6272	0.7129	0.1957
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9298	0.0156	0.9224	0.9124	0.0514
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9128	0.0174	0.9172	0.9031	0.1131

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.3250	0.0338	0.2167	0.3077	0.1459
orlraws10P		0.5000	0.1000	0.3939	0.4444	0.1509
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8351	0.1649	0.8150	0.6299	0.6180
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8823	0.7621	0.4761
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9726	0.0110	0.7090	0.8384	0.1782
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.8104	0.1896	0.8230	0.6230	0.5817
parkinsons-small		0.8421	0.1579	0.8508	0.6587	0.4882
particle		0.9104	0.0896	0.8977	0.7896	0.4446
particle10%		0.9046	0.0954	0.8807	0.7610	0.4591
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.4845	0.5155	0.4773	-0.0451	0.9992
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8947	0.1053	0.8596	0.7193	0.5115
pediatric-leukemia		0.2647	0.2101	0.1078	0.0608	0.4367
pendigits		0.8872	0.0226	0.8914	0.8746	0.1479
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.8134	0.1866	0.7976	0.5911	0.6408
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.9300	0.0700	0.9202	0.8367	0.3152
phishing		0.9714	0.0286	0.9700	0.9399	0.1774
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%		0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%		0.1525	0.2421	0.0378	0.0000	0.4012
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.1371	0.2465	0.0345	0.0000	0.4035
phone-gyr1%		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.8111	0.1889	0.7785	0.5543	0.6794
phy		0.5676	0.4324	0.5896	0.1382	0.8245
pima		0.6842	0.3158	0.6558	0.2897	0.8130
pirvision		0.8165	0.1224	0.2997	0.0000	0.2067
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.8421	0.1579	0.8623	0.6885	0.4011
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.5337	0.0933	0.1098	0.1241	0.2729
poker10%		0.5297	0.0941	0.1078	0.1064	0.2709
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9408	0.0592	0.7088	0.3403	0.4176
polya		0.7546	0.2454	0.7298	0.4591	0.7608
popularity		0.6600	0.2266	0.4066	0.1729	0.4482
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.9097	0.0361	0.9108	0.8871	0.1666

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6768	0.3529	0.8487
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2727	0.0661	0.1215	0.2104	0.2246
processed			0.9993	0.0007	0.9992	0.9985	0.0086
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9314	0.0274	0.8832	0.9080	0.1605
puc-rio10%			0.9107	0.0357	0.8488	0.8798	0.1786
pufs-1281%			0.5092	0.4908	0.5102	0.0182	0.9572
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9222	0.0778	0.9223	0.8444	0.3630
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.7200	0.0431	0.3409	0.6244	0.2797
re1-wc			0.5723	0.0342	0.1460	0.4945	0.2347
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9859	0.0141	0.9858	0.9716	0.1012
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6386	0.3614	0.6088	0.2009	0.8707
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8709	0.0430	0.8502	0.8407	0.2042
satimageF			0.9860	0.0140	0.9642	0.9283	0.1993
satimageT			0.9440	0.0560	0.8281	0.6375	0.3874
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9394	0.0173	0.9482	0.9291	0.0644
segmentation			0.8168	0.1832	0.7998	0.5995	0.6515
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.8108	0.0344	0.8139	0.7918	0.1615
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9051	0.0949	0.8026	0.5970	0.5251
shuttle			0.9952	0.0014	0.4262	0.9863	0.0067
sick			0.9682	0.0318	0.8596	0.7107	0.3441
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9996	0.0004	0.9993	0.9986	0.0106
skin10%			0.9988	0.0012	0.9981	0.9963	0.0155
smarket			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smart-farming			0.2200	0.3900	0.1463	-0.0541	0.5750
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7050	0.0983	0.5136	0.6188	0.1761
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.6618	0.0356	0.2835	0.6224	0.1458
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9196	0.0804	0.9156	0.8310	0.3774
spect			0.7778	0.2222	0.6786	0.3571	0.7720
spectf			0.9714	0.0286	0.9651	0.9278	0.1112
spectrometer			0.4423	0.0413	0.2119	0.4021	0.2004
splice-EI			0.9716	0.0284	0.9622	0.9244	0.2028
splice-IE			0.9211	0.0789	0.8963	0.7904	0.4441
sport-articles			0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored			0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.8216	0.1189	0.7860	0.7087	0.3554
steel-b			0.8410	0.1590	0.7504	0.4989	0.6702
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9795	0.0205	0.9685	0.9371	0.1800
steel-o			0.7949	0.2051	0.7681	0.5324	0.6875
steel-p			0.9282	0.0718	0.7617	0.5234	0.5906
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8958	0.1042	0.8125	0.6194	0.5344
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6200	0.1520	0.3483	0.3877	0.4318
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3600	0.2560	0.1059	0.0000	0.3283
student-weekend			0.3385	0.2646	0.1956	0.0705	0.5961
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.5385	0.3077	0.4107	0.2500	0.5416
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.8098	0.1902	0.8080	0.6151	0.6440
susy10%			0.7964	0.2036	0.7969	0.5835	0.6400
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6082	0.4000	0.5332
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9836	0.0030	0.9844	0.9820	0.0228
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7090	0.2910	0.6897	0.3543	0.7450
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			1.0000	0.0000	1.0000	1.0000	0.0000
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7647	0.2353	0.7536	0.3929	0.4155

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
trains		0.5000	0.5000	0.3333	0.0000	0.5283
transfusion		0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc		0.9024	0.0217	0.6997	0.8790	0.0630
trec12-wc		0.4839	0.1290	0.2452	0.3333	0.3044
trec21-wc		0.9394	0.0242	0.5748	0.8683	0.0464
trec23-wc		0.7143	0.0952	0.5391	0.6216	0.2397
trec31-wc		0.9355	0.0215	0.8511	0.9140	0.1049
trec41-wc		0.6591	0.0682	0.4302	0.5590	0.2316
trec45-wc		0.7826	0.0435	0.6383	0.7454	0.1762
tuandromd		0.9776	0.0224	0.9650	0.9298	0.1810
turkish		0.8000	0.1000	0.8091	0.7333	0.2368
tvnews		0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%		0.8538	0.1462	0.8449	0.6645	0.4544
tvnews10%		0.8820	0.1180	0.8759	0.7504	0.4976
ur3_cobotops_grip		0.9687	0.0313	0.6733	0.2904	0.4515
ur3_cobotops_stop		0.9701	0.0299	0.7343	0.4085	0.3719
urban		0.7910	0.0464	0.7810	0.7548	0.1664
urinalysis		0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%		0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%		0.0107	0.9893	0.0106	0.0000	0.0301
vehicle		0.6905	0.1548	0.6928	0.5929	0.2726
vehicleVAN		0.9881	0.0119	0.9841	0.9677	0.0550
voice		0.8333	0.1667	0.8537	0.6667	0.4644
vote		0.8837	0.1163	0.8878	0.7681	0.4411
vowel		0.5152	0.0882	0.5070	0.4667	0.2492
vowelZ		0.9697	0.0303	0.9134	0.8254	0.3837
vrnormat310k-hg16-17		0.9189	0.0811	0.7113	0.4029	0.5737
wap-wc		0.4231	0.0577	0.1160	0.3335	0.2693
warpar10p		1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p		0.9524	0.0095	0.9667	0.9471	0.0265
watch-acc		0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%		0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%		0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr		0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%		0.1469	0.2437	0.0366	0.0000	0.4023
watch-gyr10%		0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution		0.2433	0.3783	0.0979	0.0000	0.4051
waveform		0.8140	0.1240	0.8194	0.7212	0.3860
weather-related		0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing		0.8222	0.1185	0.6545	0.6795	0.4756
Weekly		0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift		0.2843	0.2863	0.0886	0.0000	0.3862
white-clover		0.8333	0.0833	0.4268	0.6667	0.1796
wifi-loc		0.9850	0.0075	0.9850	0.9800	0.0346
wilt		0.9938	0.0062	0.9699	0.9379	0.2404
wine		0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red		0.5094	0.1635	0.2457	0.2159	0.4441
winequality-white		0.5112	0.1396	0.2198	0.2514	0.4680
winnipeg		0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%		0.9822	0.0051	0.8401	0.9775	0.0373
wisc_bc		0.9825	0.0175	0.9817	0.9627	0.1262
yale		0.5000	0.0667	0.4978	0.4644	0.1368
yeast		0.5608	0.0878	0.3063	0.4305	0.3508
yeastCYT-POX		0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC		0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1		0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2		0.9527	0.0473	0.6808	0.3410	0.5495

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
zip		0.8978	0.0204	0.8889	0.8855	0.1441	

Table 126: Detailed results for MNBC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1247	0.0604	0.0599	0.0417	0.4600
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.7534	0.2466	0.5817	0.1012	0.4302
accelerometer		0.9794	0.0206	0.6492	0.2879	0.5460
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9756	0.0244	0.9482	0.8909	0.0862
adult		0.8262	0.1738	0.7943	0.5739	0.6407
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.7619	0.2381	0.4324	-0.1243	0.6321
AID_1431_KlekotaRothFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_MACCSFingerprinter		0.7222	0.2778	0.4194	-0.1360	0.5913
AID_1878		0.6000	0.4000	0.5731	0.1198	0.7144
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.3535	0.4310	0.3610	0.0019	0.4159
AID1284Morered		0.6944	0.3056	0.5563	0.1000	0.7073
AID1284red		0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered		0.8641	0.1359	0.6677	0.2986	0.5968
AID1608red		0.8447	0.1553	0.5755	0.1290	0.5613
AID362red		0.9579	0.0421	0.5481	0.0820	0.4481
AID373AID439red		0.9968	0.0032	0.4992	-0.0003	0.0750
AID373red		0.9279	0.0721	0.5591	0.0072	0.0303
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9599	0.0401	0.4898	-0.0056	0.1184
AID604		0.9806	0.0194	0.5546	0.0645	0.2766
AID604AID644_AllRed		0.9915	0.0085	0.4979	-0.0018	0.1648
AID644Morered		0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red		0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red		0.9952	0.0048	0.4988	-0.0011	0.1721
AID687red		0.9670	0.0330	0.5187	0.0126	0.1488
AID688red		0.9890	0.0110	0.5419	0.0587	0.4875
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.6667	0.3333	0.5950	0.1818	0.8134
AID746AID1284red		0.9958	0.0042	0.5510	0.0726	0.3254
AID746red		0.9829	0.0171	0.5167	0.0300	0.4351
aids		0.8685	0.1315	0.8114	0.6136	0.5496
air_pollution		0.4067	0.1695	0.1696	0.0068	0.3728
air-booking		0.8428	0.1572	0.6168	0.2063	0.7018
airline		0.8827	0.1173	0.8807	0.7614	0.4839
alcohol		0.6571	0.1371	0.2495	0.2323	0.6644
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8744	0.1256	0.8604	0.7159	0.4930
anneal		0.9213	0.0315	0.8760	0.8493	0.3319
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family		0.8971	0.0515	0.8573	0.8119	0.2782
anuran-genus		0.9013	0.0247	0.8280	0.8445	0.2709
anuran-species		0.9500	0.0100	0.9034	0.9307	0.1112
anxiety		0.0833	0.2037	0.0778	-0.0306	0.8417
apple-quality		0.6600	0.3400	0.6603	0.3200	0.8677
aps-failure		0.9217	0.0783	0.7250	0.2840	0.3765
arabidopsis		0.9821	0.0179	0.6047	0.1950	0.5040
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9816	0.0184	0.5975	0.1809	0.4986

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.7333	0.0410	0.5277	0.5937	0.2828
auction		0.9265	0.0735	0.8375	0.6747	0.5235
audiology		0.6957	0.0254	0.2068	0.6406	0.0773
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.9429	0.0571	0.9311	0.8601	0.3467
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7500	0.0833	0.6222	0.6633	0.1910
avila		0.9885	0.0019	0.9401	0.9851	0.1210
babies		0.4435	0.1590	0.1465	0.1208	0.4266
balance		0.8065	0.1290	0.5571	0.6353	0.3211
bank		0.8560	0.1440	0.7128	0.4112	0.6642
banknote		0.8905	0.1095	0.8911	0.7801	0.4546
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8502	0.1498	0.8349	0.6650	0.5568
basehock		0.9799	0.0201	0.9799	0.9598	0.1334
bio		0.9920	0.0080	0.8208	0.6290	0.5213
bio10%		0.9911	0.0089	0.8097	0.6018	0.5323
biodeg		0.7810	0.2190	0.7716	0.5422	0.7076
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9865	0.0009	0.1251	0.3488	0.4402
bitcoin1%		0.9866	0.0009	0.0687	0.0924	0.0107
bitcoin10%		0.9872	0.0009	0.1116	0.3262	0.2532
body-perf		0.5746	0.2127	0.5699	0.4328	0.5787
bookings		0.9700	0.0200	0.7429	0.9375	0.0891
brain-tumor		0.5185	0.4815	0.5185	0.0370	0.9892
breast-cancer		0.7857	0.2143	0.7375	0.4750	0.7331
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.6501	0.5644	0.1954
bridges		0.9000	0.0286	0.6767	0.8571	0.0295
bub10at310k-hg16-17		0.7756	0.2244	0.6864	0.2898	0.5477
bub12at310k-hg16-17		0.7806	0.2194	0.6909	0.2989	0.5493
bub8at310k-hg16-17		0.7625	0.2375	0.6932	0.2896	0.5255
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4800	0.3467	0.2957	-0.0166	0.4742
car		0.8793	0.0603	0.6675	0.7448	0.3160
car-insurance		0.7870	0.2130	0.7585	0.5161	0.7154
card		0.8696	0.1304	0.8703	0.7231	0.4278
cardiotocography		0.7418	0.0516	0.7326	0.6974	0.3234
cardiotocography-nsp		0.8451	0.1033	0.7679	0.6240	0.4651
cardiovascular		0.7254	0.2746	0.7274	0.4507	0.7758
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6598	0.5536	0.5137
cas_N6512_cdk_ECFP2		0.6912	0.3088	0.6915	0.3821	0.8293
cas_N6512_rdkit_ATOMPAIR		0.6123	0.3877	0.6114	0.2226	0.9164
cas_N6512_RDkit_AtomPair_FP		0.6166	0.3834	0.6120	0.2231	0.9138
cas_N6512_rdkit_AVALON		0.6421	0.3579	0.6523	0.2943	0.8560
cas_N6512_RDkit_Avalon_FP		0.6472	0.3528	0.6594	0.3057	0.8430
cas_N6512_rdkit_descriptors		0.6046	0.3954	0.6038	0.2074	0.9232
cas_N6512_rdkit_FEATMORGAN		0.6728	0.3272	0.6776	0.3502	0.8388
cas_N6512_RDkit_Featmorgan_FP		0.7301	0.2699	0.7375	0.4653	0.7519
cas_N6512_RDkit_FP		0.5491	0.4509	0.5766	0.1295	0.8733
cas_N6512_rdkit_LAYERED		0.6415	0.3585	0.6438	0.2854	0.8814
cas_N6512_RDkit_Layered_FP		0.6242	0.3758	0.6272	0.2520	0.8969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.6482	0.3518	0.6561	0.3044	0.8572
cas_N6512_RDkit_MACCS_FP		0.6718	0.3282	0.6867	0.3552	0.8031
cas_N6512_rdkit_MORGAN		0.7215	0.2785	0.7220	0.4428	0.7891
cas_N6512_RDkit_morgan_FP		0.7040	0.2960	0.7059	0.4094	0.8088
cas_N6512_rdkit_PATTERN		0.6123	0.3877	0.6154	0.2284	0.9081
cas_N6512_RDkit_pattern_FP		0.6104	0.3896	0.6156	0.2272	0.9043
cas_N6512_rdkit_RDKITFP		0.5622	0.4378	0.5988	0.1584	0.8257
cas_N6512_rdkit_TORSION		0.7077	0.2923	0.7126	0.4194	0.7938
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.7976	0.1349	0.4390	0.3107	0.3878
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7254	0.2746	0.7336	0.4482	0.7364
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9063	0.0937	0.6808	0.3164	0.5558
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.7696	0.2304	0.5966	0.1161	0.4081
CDS49_AID687_Rdkit-ecfp4-fp		0.9918	0.0082	0.5405	0.0657	0.3802
census		0.7515	0.2485	0.6889	0.2375	0.4204
census10%		0.7353	0.2647	0.6857	0.2179	0.3883
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9070	0.0930	0.6417	0.2833	0.6614
cervical-C		0.8605	0.1395	0.4625	-0.0728	0.6099
cervical-H		0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S		0.8953	0.1047	0.7392	0.4691	0.6364
children-anemia		0.8272	0.0864	0.8247	0.7364	0.2356
chrom19		0.9932	0.0068	0.7043	0.2029	0.2728
chrom191%		0.9953	0.0047	0.7493	0.3320	0.3900
chrom1910%		0.9919	0.0081	0.6762	0.1671	0.2509
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9337	0.0663	0.7225	0.2510	0.1683
churn		0.8470	0.1530	0.7394	0.4634	0.6363
churn-bigml		0.8989	0.1011	0.7761	0.5410	0.5540
ci900367j_MACCS		0.6526	0.3474	0.6510	0.2963	0.8554
circles		0.8100	0.0038	0.7638	0.8081	0.0276
cirrhosis		0.5476	0.3016	0.5817	0.2692	0.6183
cjs		0.9429	0.0190	0.9415	0.9306	0.0893
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7648	0.1176	0.4901	0.6146	0.3207
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.7000	0.3000	0.6065	0.1573	0.5626
cmc		0.5578	0.2948	0.5492	0.3289	0.6893
cnae-9		0.9722	0.0062	0.9733	0.9688	0.0314
codon_usage		0.7007	0.0544	0.6519	0.6380	0.3619
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.8831	0.1169	0.8673	0.7258	0.5165
collins		0.8800	0.0160	0.7286	0.8670	0.0467
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.7586	0.2414	0.7208	0.3940	0.6569
colposcopies-2		0.6207	0.3793	0.5643	0.1163	0.9016
colposcopies-3		0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c		0.8276	0.1724	0.7539	0.5051	0.6759
column-2c		0.8065	0.1935	0.7786	0.5571	0.6825
column-3c		0.7419	0.1720	0.6745	0.5761	0.3562

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5365	0.4751	0.5298	0.0316	0.7815
comedy_comparisons1%		0.5101	0.4899	0.5060	0.0117	0.9885
comedy_comparisons10%		0.5591	0.4409	0.5574	0.1144	0.9610
connect-4		0.9498	0.0335	0.6224	0.4233	0.5004
cottonmeloidogyne		0.5938	0.4062	0.6376	0.1928	0.7121
coupon		0.6443	0.3557	0.6392	0.2783	0.8864
covid19		0.4996	0.1430	0.2296	0.1343	0.5504
covtype		0.6851	0.0900	0.5876	0.5071	0.5242
covtype10%		0.6842	0.0902	0.5952	0.5037	0.5213
covtypeCD		0.9354	0.0646	0.8743	0.7450	0.4854
covtypeT		0.9327	0.0673	0.8017	0.5846	0.5768
crabs		0.6500	0.1750	0.6640	0.5333	0.2755
creditcard_trans		0.9945	0.0055	0.7218	0.3301	0.4256
creditcard_trans10%		0.9968	0.0032	0.7165	0.3986	0.5172
crowdsourced		0.8903	0.0366	0.7441	0.7842	0.3979
cryotherapy		0.4444	0.5556	0.4500	-0.0976	1.0000
cultivars		0.2500	0.0375	0.1793	0.2312	0.1141
customer-churn		0.9802	0.0198	0.6509	0.1497	0.2583
cybersecurity		0.1633	0.2789	0.1627	-0.0066	0.8840
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.7222	0.2778	0.7215	0.3946	0.6793
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.8415	0.6286	0.5283
dating		0.1036	0.1793	0.1029	0.0039	0.9212
day1%		0.9286	0.0714	0.9221	0.8409	0.3188
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7753	0.2247	0.6776	0.3552	0.7731
defect		0.9167	0.0833	0.8308	0.6371	0.3960
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8637	0.1363	0.6799	0.3595	0.6948
depressed		0.8252	0.1748	0.5711	0.0850	0.6422
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.6972	0.3514	0.3854
dexter		0.9000	0.1000	0.9036	0.8000	0.3911
df_final		0.6250	0.2500	0.4736	0.4000	0.3766
DIA		0.7333	0.2667	0.6921	0.3725	0.7649
diabetes		0.8077	0.1923	0.8080	0.6084	0.6380
diabetes-100k		0.9260	0.0740	0.7482	0.4946	0.5882
diabetes-risk		0.8156	0.1844	0.6708	0.3047	0.6789
diabetic		0.5706	0.2863	0.4472	0.2168	0.7036
diabetic1%		0.5882	0.2745	0.3925	0.2125	0.5188
diabetic10%		0.5560	0.2960	0.4249	0.1736	0.6775
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.7099	0.8351	0.0660
diamonds_all		0.6450	0.1420	0.6278	0.5014	0.5188
dishonest		0.9062	0.0938	0.8890	0.7757	0.4232
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9814	0.0186	0.5547	0.0561	0.2360
dna1%		0.9710	0.0290	0.6273	0.0947	0.1876
dna10%		0.9876	0.0068	0.5211	0.0512	0.4611
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5894	0.4106	0.5856	0.1687	0.9334
dota210%		0.5553	0.4447	0.5511	0.1012	0.9629
drebin		0.8257	0.1743	0.8381	0.6519	0.5468
dropout		0.7291	0.1806	0.6841	0.5619	0.5208

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.4362	0.1611	0.3680	0.1438	0.5639
drug-02		0.5053	0.1413	0.2867	0.2104	0.5558
drug-03		0.6968	0.0866	0.1843	0.0267	0.1913
drug-04		0.4521	0.1565	0.2523	0.1016	0.5584
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4255	0.1641	0.2598	0.2755	0.5624
drug-07		0.4309	0.1626	0.1631	0.0945	0.4476
drug-08		0.4734	0.1505	0.2112	0.0992	0.5011
drug-09		0.7872	0.0608	0.1441	0.0613	0.2916
drug-10		0.5372	0.1322	0.2235	0.2039	0.4977
drug-11		0.7660	0.0669	0.1459	0.0843	0.4670
drug-12		0.7234	0.0790	0.1881	0.0688	0.4531
drug-13		0.6011	0.1140	0.2773	0.2963	0.4963
drug-14		0.5691	0.1231	0.3021	0.2941	0.5110
drug-15		0.6755	0.0927	0.1884	0.1251	0.3823
drug-16		0.5851	0.1185	0.2666	0.3317	0.4519
drug-17		0.3670	0.1809	0.1999	0.1371	0.5691
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.6489	0.1003	0.1573	0.0909	0.4914
drybean		0.8942	0.0302	0.8979	0.8720	0.1597
ecoli		0.8235	0.0441	0.5165	0.7569	0.1571
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7576	0.2424	0.6984	0.3917	0.7633
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2800	0.3600	0.2798	0.0397	0.8327
eeg		0.2812	0.0899	0.3251	0.2308	0.7073
eeg-eye		0.6709	0.3291	0.6641	0.3226	0.8491
eeg10%		0.2707	0.0912	0.2933	0.2161	0.6848
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5068	0.1973	0.5388	0.3755	0.5165
euthyroid		0.9241	0.0759	0.8231	0.6339	0.5664
exon.vs.intron-freq		0.8927	0.1073	0.8938	0.7835	0.4306
exon.vs.intron-freq10%		0.8926	0.1074	0.8932	0.7835	0.4372
fakenews		0.5200	0.4800	0.5199	0.0398	0.9883
farm-ads		0.6111	0.3889	0.6847	0.2560	0.6038
fbis-wc		0.6016	0.0469	0.5644	0.5592	0.3213
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.5294	0.4706	0.5367	0.0713	0.9627
financial-risk		0.7110	0.0963	0.4867	0.5240	0.3071
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.6500	0.0875	0.3717	0.5513	0.2140
fonts		0.0830	0.0120	0.0912	0.0768	0.4541
fonts10%		0.1483	0.0111	0.0613	0.1289	0.4083
forest		0.9038	0.0481	0.8898	0.8686	0.1599
gas		0.7793	0.0736	0.7818	0.7346	0.3004
gastrointestinal		0.6875	0.2083	0.7174	0.5000	0.3613
gender		0.5305	0.3130	0.4278	0.1359	0.7433
gene		0.8991	0.0673	0.8873	0.8385	0.2830
german		0.6800	0.3200	0.6394	0.2777	0.8636
gestures		0.9084	0.0458	0.9083	0.8779	0.1915
gina		0.7983	0.2017	0.7994	0.5955	0.6574
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8571	0.0476	0.7789	0.7968	0.1068
glass-g2		0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP		0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP		0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.7368	0.2632	0.7360	0.4693	0.7643
gli_85			0.2500	0.7500	0.2000	0.0000	0.4422
glioma			0.4000	0.3000	0.1429	0.0000	0.3039
glioma-grade			0.8571	0.1429	0.8571	0.7108	0.5408
green			0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage			0.4667	0.2667	0.5181	0.2857	0.5374
gsalc			0.2222	0.2593	0.0606	0.0000	0.3838
haberman			0.7333	0.2667	0.6323	0.2593	0.8242
hapt			0.2434	0.1261	0.2348	0.2003	0.3173
har			0.8639	0.0544	0.8634	0.8287	0.2486
har70			0.8926	0.0307	0.5434	0.8410	0.1697
har701%			0.8783	0.0348	0.5385	0.8218	0.1850
har7010%			0.8899	0.0315	0.5370	0.8372	0.1881
harth			0.8717	0.0240	0.6493	0.8349	0.2367
harth1%			0.8243	0.0293	0.4598	0.7610	0.3475
harth10%			0.8246	0.0292	0.4670	0.7615	0.3107
hayes-roth			0.3750	0.4167	0.2790	-0.0458	0.6275
hcc-survival			0.5882	0.4118	0.5845	0.1678	0.9290
health-activity			0.7700	0.1150	0.2175	0.0000	0.1937
heart			0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack			0.8065	0.1935	0.8096	0.6141	0.6376
heart-c			0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure			0.9600	0.0400	0.9532	0.9059	0.2248
heart-quantum			0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis			0.8667	0.1333	0.8544	0.6667	0.5000
hepmass			0.8275	0.1825	0.8114	0.6303	0.6349
hepmass1%			0.8087	0.1913	0.8096	0.6170	0.6407
hepmass10%			0.8076	0.1924	0.8088	0.6149	0.6415
hERG-121inputs			0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs			0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs			0.9231	0.0769	0.8898	0.7547	0.2092
higgs			0.6715	0.3294	0.6790	0.3423	0.8487
higgs0.1%			0.6536	0.3464	0.6521	0.3042	0.8768
higgs1%			0.6522	0.3478	0.6504	0.3007	0.8785
higgs10%			0.6649	0.3351	0.6629	0.3255	0.8640
higher			0.2143	0.1964	0.1556	0.0778	0.3795
hinselmann			0.5000	0.5000	0.5000	0.0000	0.7460
hitters			0.7188	0.2812	0.7345	0.4462	0.7305
hiv1-proteasa			0.9191	0.0809	0.8508	0.6994	0.4743
hiva			0.8889	0.1111	0.6010	0.1589	0.4826
horse			0.6944	0.2037	0.6779	0.4962	0.5753
hotel-reservartions			0.8087	0.1913	0.7780	0.5544	0.6729
hr			0.8386	0.1614	0.5152	0.0211	0.7166
ht-sensor			0.8305	0.1130	0.8334	0.7455	0.3631
ht-sensor10%			0.7966	0.1356	0.8001	0.6950	0.4112
htru2			0.9637	0.0363	0.8978	0.7937	0.4212
hypothyroid			0.9788	0.0106	0.6928	0.8817	0.2262
hypothyroidT			0.9496	0.0504	0.8144	0.6275	0.4988
ilpd			0.6102	0.3898	0.5644	0.1262	0.8876
immuno-therapy			0.7778	0.2222	0.4375	0.0000	0.3750
instagram			0.9527	0.0237	0.9530	0.9369	0.0875
ionosphere			0.9429	0.0571	0.9337	0.8674	0.3191
iris			0.8667	0.0889	0.8500	0.7973	0.2122
irish			0.9800	0.0200	0.9802	0.9596	0.1220
isolet			0.0475	0.0733	0.0727	0.0093	0.4164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.6970	0.3030	0.6460	0.2655	0.7357
jvowels		0.8464	0.0341	0.8413	0.8259	0.2095
kc1		0.6919	0.3081	0.6405	0.2373	0.6718
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.5000	0.0417	0.0324	0.1327	0.1345
kc1-class-level-top5percentDF		0.5333	0.4667	0.3478	-0.1290	0.3873
kc2		0.8077	0.1923	0.8159	0.5674	0.5244
kdc-4007		0.8379	0.0405	0.7432	0.8106	0.2047
kddcup98		0.7743	0.2257	0.5382	0.0490	0.4329
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9047	0.0953	0.5244	0.0488	0.6440
kddcup99		0.9972	0.0002	0.4716	0.9952	0.2213
kddcup991%		0.9923	0.0007	0.3823	0.9870	0.1470
kddcup9910%		0.9954	0.0004	0.5204	0.9923	0.2069
kepler		0.8117	0.1255	0.7604	0.6922	0.3721
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.3540	0.0718	0.3069	0.2673	0.5321
krvskp		0.8966	0.1034	0.8963	0.7926	0.4423
la1s-wc		0.6032	0.1323	0.6331	0.5142	0.3974
la2s-wc		0.6291	0.1236	0.6652	0.5437	0.3643
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.5294	0.0235	0.2752	0.5117	0.0734
led24		0.6500	0.0700	0.6322	0.6034	0.1506
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7320	0.0206	0.7391	0.7211	0.2663
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.7500	0.0333	0.7636	0.7325	0.1036
linkage		0.9998	0.0002	0.9892	0.9782	0.0011
linkage1%		0.9995	0.0005	0.9634	0.9266	0.1329
linkage10%		0.9998	0.0002	0.9866	0.9729	0.0013
liver		0.6471	0.3529	0.5776	0.1535	0.9051
loan		0.9696	0.0304	0.9687	0.9361	0.1901
localization		0.5096	0.0892	0.2692	0.3682	0.5436
localization10%		0.4854	0.0936	0.2610	0.3374	0.6054
lrs		0.7547	0.0491	0.3908	0.6668	0.1948
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.7857	0.1071	0.6342	0.6147	0.2542
lymphoma2		0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.6154	0.3846	0.6161	0.2308	0.9110
magic04		0.7770	0.2230	0.7459	0.4640	0.6627
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.9062	0.0938	0.9087	0.8130	0.3927
marketing		0.7902	0.2098	0.6954	0.3641	0.6840
maternal		0.6238	0.2508	0.6221	0.4234	0.5422
math		0.6500	0.1750	0.5581	0.4761	0.4648
mba		0.8161	0.1226	0.4065	0.2066	0.3984
mental-disorders		1.0000	0.0000	1.0000	1.0000	0.0000
mental-health		0.1967	0.3213	0.1997	-0.0063	0.8658

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6261	0.3739	0.6244	0.2479	0.8998
meter-A			0.6250	0.3750	0.7241	0.3333	0.5283
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.9444	0.0278	0.9330	0.9241	0.0699
meter-D			0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac			0.9400	0.0120	0.9406	0.9333	0.0682
mfeat-fou			0.7400	0.0520	0.7415	0.7111	0.2296
mfeat-kar			0.9200	0.0160	0.9226	0.9111	0.0901
mfeat-mor			0.6700	0.0660	0.6672	0.6333	0.2290
mfeat-pix			0.9400	0.0120	0.9402	0.9333	0.0677
mfeat-zer			0.6900	0.0620	0.6843	0.6556	0.2608
mice-prot			0.9537	0.0116	0.9570	0.9470	0.0534
milk			0.8491	0.1006	0.8413	0.7664	0.3469
mines			0.4118	0.2353	0.3768	0.2625	0.4328
mobile			0.9021	0.0035	0.9078	0.9003	0.0458
monks-1			0.6909	0.3091	0.7428	0.3746	0.4896
monks-2			0.6557	0.3443	0.3960	0.0000	0.4711
monks-3			0.7679	0.2321	0.7886	0.5285	0.5651
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.9287	0.0713	0.9311	0.8566	0.2962
music			0.4800	0.0945	0.5028	0.3871	0.5482
musk			0.9045	0.0955	0.8152	0.6303	0.5595
MUT_ci300400a_cdk_ECFP2			0.7458	0.2542	0.7416	0.4824	0.7582
MUT_ci300400a_cdk_ECFP4			0.7281	0.2719	0.7342	0.4592	0.7568
MUT_ci300400a_cdk_ECFP6			0.7006	0.2994	0.7021	0.3997	0.8072
MUT_ci300400a_cdk_ESTATE			0.6631	0.3369	0.6523	0.3046	0.8703
MUT_ci300400a_cdk_EXTENDED			0.6595	0.3405	0.6615	0.3187	0.8541
MUT_ci300400a_cdk_FCFP2			0.7102	0.2898	0.7001	0.3999	0.8134
MUT_ci300400a_cdk_FCFP4			0.7290	0.2710	0.7234	0.4464	0.7845
MUT_ci300400a_cdk_FCFP6			0.7230	0.2770	0.7287	0.4487	0.7656
MUT_ci300400a_cdk_MACCS			0.6559	0.3441	0.6550	0.3074	0.8642
MUT_ci300400a_cdk_PUBCHEM			0.6850	0.3150	0.6806	0.3602	0.8382
MUT_ci300400a_cdk_STANDARD			0.6754	0.3246	0.6816	0.3554	0.8258
MUT_ci300400a_rdkit_descriptors			0.6955	0.3045	0.6920	0.3832	0.8261
myocardial			0.8471	0.0382	0.3843	0.4275	0.6530
naticusdroid			0.9311	0.0689	0.9313	0.8623	0.3325
NCI60			0.8333	0.0556	0.7895	0.8000	0.0530
nci9			0.1667	0.1852	0.0317	0.0000	0.3342
ncRNA			0.8727	0.0134	0.6388	0.7093	0.9223
ncRNA1%			0.7648	0.0248	0.3989	0.5197	0.8422
ncRNA10%			0.8139	0.0196	0.5529	0.6037	0.8066
neo			0.7872	0.2128	0.7483	0.3815	0.5007
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc			0.1313	0.0395	0.1223	0.1077	0.3937
newspop			0.6458	0.3542	0.6430	0.2852	0.8845
NHANES_age_prediction			0.8414	0.1586	0.6619	0.3128	0.7103
nomao			0.8781	0.1219	0.8595	0.7149	0.5341
NPHA-doctor-visits			0.4861	0.3426	0.3025	-0.0242	0.5636
nursery			0.9267	0.0293	0.6949	0.8920	0.1219
obesity			0.7583	0.0691	0.7661	0.7175	0.2482
obs			0.9259	0.0370	0.9328	0.8922	0.1800
occupancy			0.9835	0.0165	0.9768	0.9535	0.1469
Occupancy_Estimation			0.9773	0.0114	0.9345	0.9324	0.1574
oh0-wc			0.7921	0.0416	0.7370	0.7581	0.1537
oh10-wc			0.6857	0.0629	0.6492	0.6353	0.2304
oh15-wc			0.7065	0.0587	0.6302	0.6590	0.2000
oh5-wc			0.6813	0.0637	0.6817	0.6340	0.2200

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ohscal-wc			0.7384	0.0523	0.7235	0.7067	0.3224
olive			0.9123	0.0195	0.8759	0.8897	0.0489
opn310k			0.7920	0.2080	0.6980	0.3160	0.5563
opn310k10%			0.7893	0.2107	0.6883	0.2987	0.5553
opnat310k-hg16-17			0.7963	0.2037	0.7000	0.3219	0.5600
optdigits			0.9288	0.0142	0.9327	0.9209	0.0914
optdigitsZ			0.9964	0.0036	0.9889	0.9776	0.0175
orl			0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P			0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer			0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr			0.8182	0.1818	0.6852	0.2100	0.3554
ozone8hr			0.7470	0.2530	0.6387	0.1933	0.4967
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7010	0.2990	0.7250	0.4155	0.7191
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8333	0.1667	0.8396	0.6690	0.5613
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9488	0.0205	0.7854	0.7601	0.5241
parkinson			0.9583	0.0417	0.9592	0.9151	0.2119
parkinsons			0.8626	0.1374	0.8553	0.6923	0.4566
parkinsons-small			0.8421	0.1579	0.8508	0.6587	0.4882
particle			0.8636	0.1364	0.8443	0.6822	0.5652
particle10%			0.8577	0.1423	0.8361	0.6668	0.5814
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.7027	0.2973	0.5697	0.0895	0.4749
pcmac			0.4691	0.5309	0.4409	-0.1169	1.0000
pcos			0.9967	0.0033	0.9949	0.9896	0.0572
pd			0.7500	0.2500	0.6963	0.3871	0.7682
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.9026	0.0195	0.9075	0.8918	0.1128
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.8047	0.1953	0.7952	0.5895	0.6670
personalities			0.9043	0.0120	0.9043	0.8980	0.1432
pet-adoption			0.9150	0.0850	0.9031	0.7993	0.3489
phishing			0.9306	0.0694	0.9269	0.8530	0.3329
PhiUSIIL			1.0000	0.0000	1.0000	0.9998	0.0000
PhiUSIIL10%			0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc			0.9943	0.0015	0.9962	0.9913	0.0099
phone-acc0.1%			0.9786	0.0061	0.9778	0.9749	0.0402
phone-acc1%			0.9948	0.0015	0.9946	0.9939	0.0119
phone-acc10%			0.9964	0.0010	0.9963	0.9958	0.0088
phone-gyr			1.0000	0.0001	1.0000	1.0000	0.0012
phone-gyr0.1%			0.9871	0.0037	0.9867	0.9849	0.0257
phone-gyr1%			0.9979	0.0006	0.9978	0.9976	0.0058
phone-gyr10%			0.9964	0.0010	0.9962	0.9958	0.0083
phoneme			0.7833	0.2167	0.7721	0.5255	0.6757
phy			0.6802	0.3198	0.6802	0.3603	0.8457
pima			0.6842	0.3158	0.6628	0.3234	0.8489
pirvision			0.9406	0.0396	0.8801	0.8264	0.2766
placement			0.7830	0.2170	0.7787	0.5571	0.6997
plant-growth			0.7895	0.2105	0.7978	0.5824	0.6422
plrx			0.6667	0.3333	0.5282	0.0526	0.9011
poker			0.4997	0.1001	0.0666	0.0000	0.1726
poker1%			0.5005	0.0999	0.1005	0.0129	0.2346
poker10%			0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st			0.7866	0.2134	0.6514	0.1635	0.3491
polish-2nd			0.7266	0.2734	0.5787	0.0728	0.3182
polish-3rd			0.7238	0.2762	0.5940	0.0978	0.3625

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.7837	0.2163	0.6517	0.1938	0.4294
polish-5th			0.8477	0.1523	0.6744	0.2968	0.5746
polya			0.7492	0.2508	0.7335	0.4657	0.7609
popularity			0.5690	0.2873	0.4872	0.2398	0.6834
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9307	0.0277	0.9304	0.9134	0.1384
pred-tox_mutagen_ref-desc			0.7059	0.2941	0.7119	0.4118	0.7818
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.4545	0.0496	0.2296	0.4024	0.1974
processed			0.8573	0.1427	0.8353	0.6705	0.5734
profb			0.7015	0.2985	0.6338	0.2539	0.8319
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.9112	0.0355	0.8568	0.8810	0.1912
puc-rio10%			0.9113	0.0355	0.8504	0.8811	0.1838
pufs-128			0.5031	0.5040	0.4986	-0.0034	1.0000
pufs-1281%			0.5080	0.4920	0.5080	0.0160	0.9953
pufs-12810%			0.4995	0.5005	0.4995	-0.0010	1.0000
pufs-64			0.5019	0.4981	0.5019	0.0038	0.9980
pufs-641%			0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%			0.5017	0.4983	0.5017	0.0033	0.9990
pulsar			0.9721	0.0279	0.9186	0.8369	0.3489
raisin			0.8889	0.1111	0.8893	0.7778	0.4596
rcv1			0.6144	0.0146	0.2154	0.5563	0.2436
rcv11%			0.3074	0.0261	0.0408	0.1309	0.2999
rcv110%			0.4766	0.0198	0.1036	0.3730	0.2794
re0-wc			0.6533	0.0533	0.2640	0.5013	0.3361
re1-wc			0.5964	0.0323	0.2134	0.5090	0.2198
rejafada			0.9447	0.0553	0.4858	-0.0263	0.6354
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.7096	0.0089	0.0667	0.5646	0.1777
rice			0.9813	0.0187	0.9812	0.9622	0.1187
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6154	0.3846	0.6008	0.2015	0.9182
RT_IOT2022			0.9874	0.0021	0.8339	0.9684	0.0457
satimage			0.8180	0.0607	0.8044	0.7776	0.2442
satimageF			0.9860	0.0140	0.9632	0.9255	0.1348
satimageT			0.8694	0.1306	0.7698	0.4950	0.5972
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.7821	0.2179	0.5393	0.0596	0.5186
secondary_mushroom			0.7942	0.2058	0.7940	0.5866	0.6731
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9134	0.0247	0.9189	0.8988	0.1222
segmentation			0.7624	0.2376	0.7592	0.5094	0.7163
segmentO			0.9913	0.0087	0.9834	0.9663	0.1466
seismic			0.8178	0.1822	0.6408	0.2220	0.5379
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.7421	0.2579	0.5597	0.1125	0.7266
sens-10-gram			0.7323	0.2677	0.6143	0.2024	0.6845
sens-2-gram			0.7237	0.2763	0.5939	0.1660	0.6871
sens-3-gram			0.6842	0.3158	0.6098	0.1769	0.6386
sens-4-gram			0.6605	0.3395	0.5567	0.0922	0.6587
sens-5-gram			0.7158	0.2842	0.5897	0.1569	0.6831
sens-6-gram			0.7447	0.2553	0.5545	0.1036	0.7320

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.7789	0.2211	0.6080	0.2075	0.7256
sens-8-gram			0.7079	0.2921	0.5480	0.0862	0.7038
sens-9-gram			0.7421	0.2579	0.5978	0.1783	0.7008
sensorless			0.9855	0.0026	0.9855	0.9840	0.0247
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8500	0.1500	0.7679	0.5187	0.6463
shuttle			0.9950	0.0014	0.8050	0.9860	0.1861
sick			0.9523	0.0477	0.8144	0.6282	0.5310
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9442	0.0558	0.9147	0.8292	0.3582
skin10%			0.9408	0.0592	0.9083	0.8160	0.3608
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1800	0.4100	0.1721	-0.0998	0.8709
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6998	0.3002	0.7152	0.4083	0.7558
soil_pollution			0.2067	0.3173	0.2101	0.0066	0.8622
solar-flare			0.7338	0.0887	0.6300	0.6613	0.2430
sonar			0.7000	0.3000	0.7185	0.4000	0.7215
soybean			0.9412	0.0062	0.9508	0.9356	0.0472
spam-detection			0.9195	0.0805	0.6924	0.2812	0.4158
spambase			0.8935	0.1065	0.8880	0.7736	0.4418
spect			0.6667	0.3333	0.6421	0.2569	0.7546
spectf			0.7429	0.2571	0.7906	0.5039	0.5239
spectrometer			0.4340	0.0236	0.1763	0.3954	0.1641
splice-EI			0.9495	0.0505	0.9345	0.8684	0.3264
splice-IE			0.8801	0.1199	0.8465	0.6882	0.5564
sport-articles			0.7500	0.2500	0.7645	0.5051	0.6855
squash-stored			0.4000	0.4000	0.3810	0.0625	0.5233
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.9677	0.0323	0.9647	0.9291	0.1905
steel_industry			0.8154	0.1231	0.7872	0.7045	0.3693
steel-b			0.6923	0.3077	0.6867	0.3266	0.6925
steel-d			0.9795	0.0205	0.8280	0.6561	0.4708
steel-k			0.9590	0.0410	0.9361	0.8718	0.2764
steel-o			0.6462	0.3538	0.6849	0.3288	0.7504
steel-p			0.7949	0.2051	0.6668	0.2654	0.5577
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9333	0.0667	0.8528	0.6871	0.5336
stellar			0.9233	0.0511	0.9140	0.8660	0.2202
stock			0.9583	0.0417	0.9353	0.8672	0.3451
stockb			0.9824	0.0117	0.9824	0.9736	0.0530
streaming			0.7640	0.2360	0.7603	0.5176	0.7229
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.5550	0.1780	0.3179	0.3126	0.4531
student-depression			0.8280	0.1720	0.8216	0.6422	0.6119
student-habits			0.3800	0.2480	0.1794	0.0331	0.5944
student-weekend			0.3385	0.2646	0.2973	0.1317	0.7281
student-workday			0.6719	0.1313	0.2850	0.3069	0.4849
studentap			0.7692	0.1538	0.7528	0.6455	0.3468
susy			0.7196	0.2763	0.7108	0.4312	0.8053
susy1%			0.7538	0.2462	0.7512	0.5000	0.7398
susy10%			0.7524	0.2476	0.7498	0.4968	0.7413
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6063	0.4000	0.5219
telco-churn			0.8750	0.1250	0.8453	0.6891	0.5577
texture			0.7873	0.0387	0.7970	0.7656	0.2038

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.8085	0.1915	0.8026	0.5938	0.6180
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			0.6842	0.3158	0.6361	0.2707	0.8619
tis			0.8571	0.1429	0.8298	0.6496	0.5885
tis10%			0.8060	0.1940	0.7387	0.4773	0.7164
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.6250	0.1250	0.2411	0.4146	0.1603
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.5294	0.4706	0.6034	0.1605	0.7799
toxicity-13f			0.8824	0.1176	0.8759	0.7213	0.2987
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6800	0.3200	0.5934	0.1848	0.8446
trec11-wc			0.2927	0.1572	0.2263	0.1912	0.3467
trec12-wc			0.4839	0.1290	0.3114	0.3516	0.2674
trec21-wc			0.4545	0.1818	0.1412	-0.1020	0.4247
trec23-wc			0.2857	0.2381	0.1340	0.0922	0.4073
trec31-wc			0.6452	0.1014	0.3208	0.4839	0.2776
trec41-wc			0.5000	0.1000	0.3228	0.4047	0.3167
trec45-wc			0.4058	0.1188	0.3717	0.2989	0.2968
tuandromd			0.9552	0.0448	0.9287	0.8560	0.2794
turkish			0.6750	0.1625	0.6751	0.5667	0.3858
tvnews			0.8353	0.1647	0.8199	0.6381	0.6035
tvnews1%			0.8538	0.1462	0.8407	0.6764	0.5449
tvnews10%			0.8358	0.1642	0.8209	0.6401	0.6020
ur3_cobotops_grip			0.9483	0.0517	0.6632	0.3187	0.5928
ur3_cobotops_stop			0.9415	0.0585	0.7214	0.4136	0.5750
urban			0.7761	0.0498	0.7946	0.7379	0.1838
urinalysis			0.9021	0.0979	0.6674	0.3149	0.6086
url-rep1%			0.9270	0.0730	0.9173	0.8335	0.3533
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.5476	0.2262	0.5291	0.3993	0.4939
vehicleVAN			0.7857	0.2143	0.7865	0.5325	0.6201
voice			0.7500	0.2500	0.7391	0.4706	0.7427
vote			0.9070	0.0930	0.9085	0.8134	0.3899
vowel			0.4242	0.1047	0.4410	0.3667	0.3344
vowelZ			0.9798	0.0202	0.9363	0.8642	0.0715
vrnormat310k-hg16-17			0.8537	0.1463	0.7296	0.4113	0.6033
wap-wc			0.5769	0.0423	0.3331	0.5250	0.2120
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.9950	0.0014	0.9956	0.9942	0.0090
watch-acc1%			0.9904	0.0027	0.9903	0.9888	0.0226
watch-acc10%			0.9986	0.0004	0.9985	0.9983	0.0043
watch-gyr			0.9996	0.0001	0.9996	0.9995	0.0014
watch-gyr1%			0.9813	0.0053	0.9825	0.9781	0.0310
watch-gyr10%			0.9991	0.0003	0.9991	0.9990	0.0027
water_pollution			0.2033	0.3983	0.2044	-0.0626	0.8903
waveform			0.8020	0.1320	0.8148	0.7031	0.3537
weather-related			0.9423	0.0105	0.9467	0.9348	0.0855
web-phishing			0.8222	0.1185	0.6398	0.6697	0.3924
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9959	0.0016	0.9958	0.9948	0.0119
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5535	0.1488	0.3164	0.2948	0.4497
winequality-white			0.4622	0.1537	0.2438	0.2187	0.5650
winnipeg			0.9646	0.0101	0.9348	0.9553	0.1433
winnipeg10%			0.9610	0.0111	0.9155	0.9508	0.1643
wisc_bc			0.9649	0.0351	0.9643	0.9261	0.2027
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5270	0.0946	0.3466	0.3880	0.3690
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.8290	0.0342	0.8153	0.8084	0.2207

Table 127: Detailed results for MONMLP

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1271	0.0602	0.0806	0.0440	0.4534
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8516	0.1484	0.7815	0.5554	0.6097
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.8730	0.1270	0.5243	0.0464	0.7227
AID_1878		0.8000	0.2000	0.6964	0.3880	0.7318
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7222	0.2778	0.5709	0.1304	0.7210
AID1284red		0.7778	0.2222	0.6049	0.2044	0.7424
AID1608Morered		0.8252	0.1748	0.5561	0.0982	0.5898
AID1608red		0.8738	0.1262	0.4663	-0.0669	0.6366
AID362red		0.9860	0.0140	0.6532	0.2447	0.4187
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9992	0.0008	0.7367	0.2855	0.0047
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9988	0.0012	0.4997	-0.0003	0.4066
AID644Morered		0.5500	0.4500	0.4886	-0.0227	0.9383
AID644red		0.5000	0.5000	0.4553	-0.0870	0.9393
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9967	0.0033	0.4992	-0.0006	0.3287
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8685	0.1315	0.8105	0.6081	0.5366
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8494	0.1506	0.4937	-0.0005	0.3556
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8000	0.0800	0.2979	0.5318	0.1832
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8465	0.1535	0.8307	0.6612	0.5874
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9555	0.0223	0.9167	0.9159	0.1531
anuran-genus		0.9416	0.0146	0.6875	0.9027	0.1406
anuran-species		0.8875	0.0225	0.5370	0.8409	0.0874
anxiety		0.1000	0.2000	0.0328	-0.0106	0.4768
apple-quality		0.9050	0.0950	0.9079	0.8100	0.3829
aps-failure		0.9920	0.0080	0.8824	0.7640	0.3437
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.5556	0.0684	0.1677	0.2314	0.3268
auction		0.9559	0.0441	0.8953	0.7672	0.1317
audiology		0.5652	0.0362	0.1438	0.4878	0.0965
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9310	0.0690	0.9354	0.8626	0.2605
autos		0.8000	0.0667	0.6591	0.7333	0.1754
avila		0.5865	0.0689	0.3375	0.4174	0.3033
babies		0.5323	0.1336	0.1749	0.2572	0.3455
balance		0.8871	0.0753	0.7647	0.8002	0.3634
bank		0.9116	0.0884	0.7720	0.5434	0.5910
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8986	0.1014	0.8892	0.7774	0.4426
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9972	0.0028	0.9153	0.8270	0.2022
bio10%		0.9959	0.0041	0.8930	0.7836	0.4083
biodeg		0.8952	0.1048	0.8935	0.7831	0.4500
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7739	0.5455	0.6636
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.5880	0.6598	0.1537
bridges		0.5000	0.1429	0.3377	0.3590	0.2423
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8966	0.0517	0.8452	0.7932	0.2976
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography		0.7418	0.0516	0.4774	0.6841	0.2076
cardiotocography-nsp		0.8967	0.0689	0.8188	0.7011	0.3444
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0106
cars		0.7750	0.1500	0.6933	0.5900	0.4215
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7662	0.2338	0.7642	0.5277	0.7239
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.7761	0.2239	0.7749	0.5497	0.7086
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8505	0.0997	0.4273	0.1970	0.3091
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7979	0.2021	0.7794	0.5587	0.6885
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9573	0.0427	0.7352	0.4696	0.5650
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.6204	0.1732	0.4871
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9767	0.0233	0.9104	0.8208	0.3445
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9302	0.0698	0.6880	0.3645	0.6070
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9997	0.0003	0.9170	0.8298	0.1789
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9991	0.0009	0.8132	0.6186	0.5081
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8550	0.1450	0.7529	0.4872	0.6061
churn-bigml		0.8652	0.1348	0.7585	0.5114	0.6546
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0400	0.0192	0.0031	0.0303	0.3073
cirrhosis		0.7857	0.1429	0.5347	0.5762	0.3577
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8157	0.0921	0.7615	0.7185	0.3191
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.6054	0.2630	0.5797	0.3778	0.6511
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8235	0.0321	0.4440	0.7829	0.1807
coil20		0.6736	0.0326	0.6131	0.6568	0.0770
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		0.4600	0.0720	0.2320	0.3962	0.2542
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2		0.5172	0.4828	0.4451	-0.1033	0.9975
colposcopies-3		0.7586	0.2414	0.7549	0.5085	0.7375
colposcopies-4		0.6552	0.3448	0.6009	0.1989	0.8605
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8276	0.1724	0.7539	0.5051	0.6759
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7197	0.6401	0.2818

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.9979	0.0014	0.9434	0.9529	0.0035
cottonmeloidogyne		0.7668	0.2332	0.7670	0.5338	0.7221
coupon		0.6853	0.3147	0.6756	0.3493	0.8413
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.7219	0.0795	0.4075	0.5430	0.3220
covtypeCD		0.9801	0.0199	0.9569	0.9120	0.1390
covtypeT		0.9642	0.0358	0.8472	0.6815	0.3474
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8866	0.0378	0.6558	0.7585	0.2334
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.1250	0.0437	0.0737	0.1181	0.2342
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1667	0.2778	0.0750	-0.0121	0.4908
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.6481	0.3519	0.6591	0.3077	0.8460
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8230	0.1770	0.7087	0.3877	0.6553
defect		0.8858	0.1142	0.7581	0.4839	0.5296
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9007	0.0993	0.7351	0.4635	0.6088
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.7500	0.1667	0.7879	0.6098	0.2812
DIA		0.7500	0.2500	0.6741	0.3478	0.7928
diabetes		0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5294	0.3137	0.3802	0.1642	0.5329
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7219	0.1112	0.6939	0.6017	0.3679
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.6000	0.4000	0.5969	0.1924	0.9272
dota210%		0.5689	0.4311	0.5656	0.1305	0.9539
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7381	0.1746	0.6404	0.5572	0.4933
drug-01		0.4149	0.1672	0.1450	0.0535	0.3635
drug-02		0.5106	0.1398	0.1589	0.0983	0.4875
drug-03		0.6809	0.0912	0.1623	0.0908	0.3401
drug-04		0.5000	0.1429	0.1071	0.0419	0.3901

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4255	0.1641	0.2503	0.2689	0.4551
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5691	0.1231	0.1921	0.1233	0.3944
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5585	0.1261	0.1831	0.1701	0.4268
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6223	0.1079	0.1745	0.2459	0.3246
drug-14		0.5904	0.1170	0.2168	0.2517	0.4020
drug-15		0.7553	0.0699	0.1237	0.0222	0.2430
drug-16		0.5745	0.1216	0.2361	0.3007	0.4150
drug-17		0.4043	0.1702	0.1482	0.1593	0.4150
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9221	0.0223	0.9318	0.9056	0.1211
ecoli		0.6471	0.0882	0.3083	0.5024	0.2026
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2200	0.3900	0.2197	-0.0410	0.8425
eeg		0.3015	0.0873	0.1983	0.2098	0.4353
eeg-eye		0.7757	0.2243	0.7727	0.5450	0.7095
eeg10%		0.2572	0.0929	0.1472	0.1637	0.4849
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6027	0.1589	0.5394	0.4949	0.3622
euthyroid		0.9525	0.0475	0.8720	0.7428	0.4644
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9597	0.0403	0.9597	0.9193	0.2273
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9038	0.0481	0.9003	0.8672	0.1365
gas		0.9820	0.0060	0.9821	0.9782	0.0452
gastrointestinal		0.6875	0.2083	0.7546	0.5506	0.3971
gender		0.5979	0.2681	0.4555	0.1533	0.5639
gene		0.8644	0.0904	0.8491	0.7787	0.3293
german		0.7300	0.2700	0.6891	0.3692	0.7892
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8761	0.1239	0.8761	0.7519	0.4957
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7143	0.0952	0.6837	0.5869	0.2236
glass-g2		0.6875	0.3125	0.6466	0.2593	0.7911
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.6667	0.3333	0.6687	0.3226	0.8108
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.9167	0.0833	0.9190	0.8320	0.3618
green		0.6000	0.4000	0.6094	0.2000	0.8294
grub-damage		0.5333	0.2333	0.5822	0.3750	0.4476
gsalc		0.6667	0.1111	0.5528	0.6029	0.0855
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
hapt		0.7914	0.0348	0.4400	0.7518	0.0748
har		0.7752	0.0899	0.7652	0.7151	0.3736
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8721	0.0365	0.5154	0.8124	0.1535
har7010%		0.8758	0.0355	0.5167	0.8167	0.1512
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.7548	0.0409	0.3145	0.6576	0.1898
harth10%		0.7071	0.0488	0.2991	0.5907	0.2216
hayes-roth		0.6250	0.2500	0.7388	0.4386	0.2968
hcc-survival		0.5882	0.4118	0.5502	0.0916	0.9258
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7950	0.5645	0.6291
heart-attack		0.7742	0.2258	0.7741	0.5470	0.7087
heart-c		0.8667	0.1333	0.8661	0.7321	0.5220
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis		0.8000	0.2000	0.8077	0.5455	0.5283
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8530	0.1470	0.8540	0.7063	0.5464
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6936	0.3064	0.6920	0.3839	0.8299
higgs1%		0.6998	0.3002	0.6985	0.3970	0.8221
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0714	0.2321	0.0227	-0.1375	0.4739
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8125	0.1875	0.8118	0.6235	0.6412
hiv1-proteasa		0.9174	0.0826	0.8500	0.6993	0.4916
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5000	0.3333	0.3739	0.1325	0.7684
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.7263	0.2737	0.4557	-0.0881	0.7781
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.7287	0.1808	0.7322	0.5928	0.5021
htru2		0.9804	0.0196	0.9396	0.8782	0.2211
hypothyroid		0.9655	0.0172	0.6408	0.8051	0.2420
hypothyroidT		0.9947	0.0053	0.9813	0.9626	0.1146
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		0.8667	0.0889	0.8500	0.7973	0.2122
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.4365	0.0433	0.3547	0.4139	0.2156
jm1		0.8182	0.1818	0.6357	0.1570	0.5463
jvowels		0.7480	0.0560	0.7034	0.7126	0.1890
kc1		0.8531	0.1469	0.6581	0.2727	0.6396
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.6429	0.0298	0.0601	0.1860	0.2010
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6929	0.3824	0.7363
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1951	0.0700	0.0658	0.0391	0.0496
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2381	0.0847	0.1667	0.1200	0.4366
krvskp		0.9624	0.0376	0.9633	0.9248	0.1951
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.1471	0.0426	0.0750	0.1374	0.2261
led24		0.4500	0.1100	0.4007	0.3750	0.2499
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.2890	0.0547	0.2729	0.2607	0.3338
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.4722	0.0704	0.4540	0.4384	0.1597
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7059	0.2941	0.6640	0.3281	0.8338
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.4688	0.0966	0.1824	0.2801	0.3966
localization10%		0.4860	0.0934	0.2393	0.3316	0.4394
lrs		0.8113	0.0377	0.4239	0.7412	0.1570
lung		0.9048	0.0381	0.7213	0.8272	0.1401
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2		0.6667	0.1111	0.3793	0.5500	0.1190
machine-failure		0.8936	0.1064	0.8904	0.7809	0.4568
madelon		0.5346	0.4654	0.5352	0.0692	0.9726
magic04		0.8659	0.1341	0.8504	0.6923	0.5016
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.8661	0.1339	0.7268	0.4532	0.6707
maternal		0.6436	0.2376	0.6430	0.4492	0.5117
math		0.7750	0.1125	0.7407	0.6542	0.3255
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2233	0.3107	0.1269	0.0282	0.5411
messidor		0.6957	0.3043	0.6875	0.3735	0.8286
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
mfeat-fac			0.9400	0.0120	0.9423	0.9333	0.0680
mfeat-fou			0.5300	0.0940	0.5105	0.4778	0.2646
mfeat-kar			0.7800	0.0440	0.7849	0.7556	0.1640
mfeat-mor			0.5950	0.0810	0.4959	0.5500	0.1539
mfeat-pix			0.8800	0.0240	0.8828	0.8667	0.1411
mfeat-zer			0.6450	0.0710	0.5660	0.6056	0.1935
mice-prot			0.9074	0.0231	0.8470	0.8937	0.0287
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5882	0.1647	0.5376	0.4843	0.3799
mobile			0.1923	0.0288	0.1279	0.1773	0.2587
monks-1			1.0000	0.0000	1.0000	1.0000	0.0000
monks-2			0.9180	0.0820	0.9105	0.8205	0.4023
monks-3			0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.0806	0.1672	0.0136	0.0000	0.3712
musk			0.9833	0.0167	0.9689	0.9375	0.2032
MUT_ci300400a_cdk_ECFP2			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6			0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE			0.7470	0.2530	0.7384	0.4766	0.7604
MUT_ci300400a_cdk_EXTENDED			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS			0.7974	0.2026	0.7905	0.5804	0.6743
MUT_ci300400a_cdk_PUBCHEM			0.8419	0.1581	0.8363	0.6710	0.5779
MUT_ci300400a_cdk_STANDARD			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors			0.8020	0.1980	0.7964	0.5867	0.6472
myocardial			0.8529	0.0368	0.3190	0.4290	0.3882
naticusdroid			0.9703	0.0297	0.9704	0.9407	0.1795
NCI60			0.5000	0.1667	0.5000	0.4000	0.1820
nci9			0.5000	0.1667	0.4545	0.4000	0.1541
ncRNA			0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%			0.8773	0.0129	0.2258	0.6165	0.1914
ncRNA10%			0.7777	0.0234	0.0461	0.0000	0.1370
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.0095	0.0450	0.0004	0.0000	0.4165
newspop			0.6504	0.3496	0.6475	0.2937	0.8789
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9452	0.0548	0.9328	0.8656	0.3200
NPHA-doctor-visits			0.4722	0.3519	0.2778	-0.0588	0.5706
nursery			0.9483	0.0207	0.7265	0.9241	0.0872
obesity			0.7773	0.0636	0.7424	0.7399	0.1545
obs			0.9167	0.0417	0.9323	0.8754	0.1437
occupancy			0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation			0.9477	0.0262	0.8453	0.8406	0.0542
oh0-wc			0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc			0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc			0.5109	0.0978	0.3357	0.4378	0.3420
oh5-wc			0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc			0.1039	0.1792	0.0188	0.0000	0.4018
olive			0.8070	0.0429	0.6916	0.7601	0.1130
opn310k			0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%			0.9047	0.0953	0.6496	0.2852	0.6444
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
optdigits		0.8025	0.0395	0.7783	0.7808	0.1675
optdigitsZ		0.9929	0.0071	0.9780	0.9561	0.1305
orl		0.4500	0.0275	0.3694	0.4359	0.1092
orlraws10P		0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer		0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr		0.9447	0.0553	0.5968	0.1935	0.6177
ozone8hr		0.8933	0.1067	0.5395	0.0753	0.6985
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7990	0.2010	0.7943	0.5785	0.6576
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8889	0.1111	0.8925	0.7787	0.4355
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9653	0.0139	0.8283	0.8077	0.2113
parkinson		0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons		0.7915	0.2085	0.7885	0.5717	0.6756
parkinsons-small		0.8421	0.1579	0.7857	0.5649	0.6183
particle		0.9269	0.0731	0.9091	0.8182	0.3888
particle10%		0.9092	0.0908	0.8876	0.7753	0.4506
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia		0.7647	0.0672	0.6950	0.7109	0.2072
pendigits		0.7443	0.0511	0.6895	0.7160	0.1538
period		0.5556	0.4444	0.5791	0.1429	0.8628
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.7959	0.2041	0.7807	0.5611	0.6857
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.9400	0.0600	0.9316	0.8611	0.2903
phishing		0.9633	0.0367	0.9616	0.9231	0.2202
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%		0.7573	0.0693	0.7502	0.7154	0.2191
phone-acc1%		0.7156	0.0813	0.6058	0.6664	0.1887
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.7588	0.0689	0.7070	0.7166	0.1765
phone-gyr1%		0.7322	0.0765	0.7019	0.6863	0.1818
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.8296	0.1704	0.7894	0.5788	0.6530
phy		0.7120	0.2880	0.7120	0.4240	0.8052
pima		0.7368	0.2632	0.7191	0.4081	0.7142
pirvision		0.9928	0.0048	0.9875	0.9772	0.0519
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.5789	0.4211	0.5843	0.1648	0.9308
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4995	0.1001	0.0666	0.0000	0.1727
poker10%		0.5460	0.0908	0.1746	0.1187	0.2459
polish-1st		0.9673	0.0327	0.7135	0.3311	0.3283
polish-2nd		0.9587	0.0413	0.5543	0.0386	0.3754
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9459	0.0541	0.7548	0.4883	0.4881
polya		0.7795	0.2205	0.7566	0.5123	0.7194
popularity		0.6656	0.2230	0.4151	0.2115	0.4606
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
postures			0.8821	0.0472	0.8822	0.8525	0.2040
pred-tox_mutagen_ref-desc			0.6618	0.3382	0.6624	0.3235	0.8639
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2424	0.0689	0.0947	0.1667	0.2703
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.8060	0.1940	0.7711	0.5330	0.6591
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9043	0.0383	0.8589	0.8705	0.1641
puc-rio10%			0.9052	0.0379	0.8201	0.8718	0.1557
pufs-1281%			0.4973	0.5027	0.4973	-0.0053	1.0000
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4833	0.5167	0.4785	-0.0338	0.9449
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6313	0.3686	0.6163	0.2325	0.9041
RT_IOT2022			0.9090	0.0152	0.4732	0.7707	0.0312
satimage			0.8538	0.0487	0.8332	0.8202	0.2055
satimageF			0.9829	0.0171	0.9552	0.9101	0.1937
satimageT			0.9191	0.0809	0.7567	0.5080	0.5727
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5000	0.5000	0.5000	0.0000	0.9853
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9167	0.0833	0.4783	-0.0305	0.6521
secondary_mushroom			0.9990	0.0010	0.9990	0.9980	0.0100
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.7965	0.0581	0.7871	0.7623	0.1117
segmentation			0.8465	0.1535	0.8424	0.6784	0.5714
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8605	0.1395	0.5591	0.0641	0.5968
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.6007	0.0726	0.6572	0.5608	0.1738
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8962	0.1038	0.7950	0.5894	0.5830
shuttle			0.9786	0.0061	0.4838	0.9407	0.1548
sick			0.9655	0.0345	0.8435	0.6656	0.3054
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9976	0.0024	0.9964	0.9927	0.0422
skin10%			0.9955	0.0045	0.9933	0.9864	0.0681

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1200	0.4400	0.1205	-0.1702	0.8911
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2133	0.3147	0.2084	0.0132	0.7218
solar-flare			0.7266	0.0911	0.5276	0.6456	0.1976
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.4559	0.0573	0.2406	0.4008	0.1564
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9217	0.0783	0.9179	0.8357	0.3713
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.2692	0.0541	0.0970	0.2074	0.2342
splice-EI			0.9558	0.0442	0.9427	0.8849	0.2995
splice-IE			0.9085	0.0915	0.8752	0.7502	0.4814
sport-articles			0.8300	0.1700	0.8153	0.6291	0.6155
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.9677	0.0323	0.9666	0.9310	0.1967
steel_industry			0.8179	0.1214	0.7853	0.7032	0.3689
steel-b			0.8308	0.1692	0.7299	0.4564	0.6908
steel-d			0.9744	0.0256	0.7333	0.2794	0.0817
steel-k			0.9897	0.0103	0.9843	0.9685	0.1057
steel-o			0.8103	0.1897	0.7855	0.5660	0.6534
steel-p			0.9333	0.0667	0.7601	0.5161	0.5590
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8819	0.1181	0.7920	0.5823	0.5926
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6300	0.1480	0.3549	0.3982	0.4282
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4200	0.2320	0.1917	0.0732	0.4497
student-weekend			0.4154	0.2338	0.1821	0.1153	0.3968
student-workday			0.6875	0.1250	0.2020	0.1444	0.3359
studentap			0.3846	0.4103	0.2911	0.0000	0.6322
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.8048	0.1952	0.8038	0.6025	0.6403
susy10%			0.8001	0.1999	0.7991	0.5927	0.6484
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.5322	0.2000	0.6032
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.5945	0.0737	0.5690	0.5565	0.1237
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7872	0.2128	0.5250	0.0486	0.8044
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8684	0.1316	0.8450	0.6885	0.5617
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7761	0.2239	0.7305	0.4528	0.7289
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.5294	0.4706	0.4397	-0.1148	0.9926

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity-13f			0.5294	0.4706	0.4848	-0.0303	0.9755
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.9394	0.0242	0.9172	0.8836	0.2197
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.7101	0.0580	0.4617	0.6537	0.2080
tuandromd			0.9798	0.0202	0.9686	0.9371	0.1727
turkish			0.7000	0.1500	0.7035	0.6000	0.3872
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9385	0.0615	0.9347	0.8690	0.3256
tvnews10%			0.8913	0.1087	0.8821	0.7634	0.4646
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7463	0.0564	0.6958	0.7029	0.1947
urinalysis			0.9441	0.0559	0.6684	0.3075	0.5516
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7619	0.1190	0.7648	0.6846	0.2240
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.7500	0.2500	0.7391	0.4706	0.7427
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.4949	0.0918	0.4539	0.4444	0.2187
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.8462	0.0308	0.9000	0.8289	0.0585
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.6552	0.0985	0.6607	0.5970	0.3208
watch-acc10%			0.6723	0.0936	0.6569	0.6165	0.2956
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.5889	0.1175	0.5367	0.5174	0.3136
watch-gyr10%			0.6758	0.0926	0.5872	0.6207	0.2252
water_pollution			0.2600	0.3700	0.1720	0.0103	0.5788
waveform			0.8380	0.1080	0.8385	0.7570	0.3696
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.7852	0.1432	0.6167	0.6057	0.4500
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.9164	0.0334	0.9147	0.8943	0.1569
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9850	0.0075	0.9850	0.9800	0.0346
wilt			0.9959	0.0041	0.9793	0.9578	0.1858
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5157	0.1614	0.2524	0.2443	0.5680
winequality-white			0.5297	0.1344	0.2529	0.2538	0.4547
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9837	0.0046	0.8397	0.9794	0.0363
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.5000	0.0667	0.4571	0.4667	0.1138
yeast			0.4324	0.1135	0.2736	0.2858	0.3537
yeastCYT-POX			0.9388	0.0612	0.6903	0.3691	0.5991
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9527	0.0473	0.6001	0.1981	0.5887
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
zip		0.7441	0.0512	0.6670	0.7099	0.1855	

Table 128: Detailed results for MSAMCPN(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1735	0.0787	0.1431	0.0845	0.4724
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8432	0.1568	0.7682	0.5283	0.6306
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8404	0.1596	0.7663	0.5172	0.6143
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7333	0.1067	0.2430	0.3213	0.2563
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8512	0.1488	0.8363	0.6724	0.5776
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family		0.9374	0.0313	0.6881	0.8783	0.1514
anuran-genus		0.9485	0.0129	0.8665	0.9141	0.1699
anuran-species		0.9528	0.0094	0.9006	0.9341	0.0858
anxiety		0.0667	0.2074	0.0605	-0.0521	0.7815
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6500	0.3500	0.6284	0.2553	0.8874
arrhythmia		0.1111	0.1778	0.0406	0.0596	0.3067
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.0455	0.1736	0.0079	0.0000	0.3844
audit-risk		0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.3091	0.1152	0.1881	0.1738	0.3341
babies		0.4194	0.1659	0.1360	0.0774	0.4462
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.9041	0.0959	0.7029	0.3378	0.4943
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.9598	0.0402	0.9606	0.9196	0.2061
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9849	0.0043	0.1418	-0.0012	0.1572
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.3000	0.2333	0.4146	0.2222	0.2053
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8506	0.0747	0.6296	0.6796	0.3505
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.8169	0.0366	0.7814	0.7787	0.1831
cardiotocography-nsp		0.8826	0.0782	0.7753	0.6775	0.4289
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3477	0.4349	0.1720	0.0000	0.4145
cars		0.6750	0.2167	0.5441	0.4071	0.5915
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7523	0.2477	0.7512	0.5023	0.7473
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8487	0.1009	0.4250	0.2041	0.3244
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.0930	0.9070	0.0851	0.0000	0.2234
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8044	0.6057	0.4153
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8140	0.1860	0.6523	0.2385	0.6355
churn-bigml		0.8764	0.1236	0.6974	0.3052	0.4894
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.8120	0.0038	0.8076	0.8101	0.0560
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		0.6571	0.1143	0.5915	0.5823	0.1367
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7704	0.1148	0.4931	0.6233	0.3009
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.4666	0.1880	0.7325
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8227	0.0322	0.5654	0.7827	0.2391
coil20		0.2431	0.0757	0.1259	0.2044	0.3033
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.0600	0.1253	0.0075	0.0000	0.3924
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6207	0.3793	0.5499	0.0963	0.9266
colposcopies-2		0.5172	0.4828	0.4451	-0.1033	0.9975
colposcopies-3		0.6207	0.3793	0.5943	0.1212	0.7498
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
comedy_comparisons10%		0.4827	0.5173	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7668	0.2332	0.7673	0.5338	0.7208
coupon		0.6845	0.3155	0.6750	0.3484	0.8428
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.7500	0.1250	0.6572	0.6667	0.1558
creditcard_trans		0.0017	0.9983	0.0017	0.0000	0.0049
creditcard_trans10%		0.9986	0.0014	0.7605	0.4993	0.3807
crowdsourced		0.8682	0.0439	0.6331	0.7037	0.1967
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1250	0.0547	0.1019	0.0968	0.1734
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1533	0.2822	0.1368	-0.0210	0.7760
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.4286	0.5714	0.3000	0.0000	0.5288
default		0.8130	0.1870	0.6821	0.2921	0.6016
defect		0.8920	0.1080	0.7721	0.4824	0.4182
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8978	0.1022	0.6905	0.3064	0.5019
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.7297	0.0901	0.5827	0.6593	0.1423
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.2500	0.7500	0.2000	0.0000	0.4422
diabetes		0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.5714	0.1429	0.9438
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5718	0.4282	0.5679	0.1343	0.9497
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7630	0.1580	0.6679	0.5964	0.4568
drug-01		0.3936	0.1733	0.1845	0.0221	0.4292
drug-02		0.5266	0.1353	0.2143	0.1266	0.4661
drug-03		0.6915	0.0881	0.1477	0.0377	0.2421

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-04		0.5266	0.1353	0.1935	0.0783	0.4598
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4362	0.1611	0.2637	0.2795	0.5056
drug-07		0.4628	0.1535	0.1418	0.0740	0.3244
drug-08		0.5372	0.1322	0.1524	0.0505	0.4447
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1501	0.1199	0.3514
drug-11		0.8564	0.0410	0.2023	0.0882	0.1190
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1726	0.2291	0.3402
drug-14		0.5904	0.1170	0.2170	0.2317	0.3999
drug-15		0.7606	0.0684	0.1242	0.0294	0.1834
drug-16		0.5851	0.1185	0.2421	0.2739	0.3757
drug-17		0.3723	0.1793	0.1733	0.1251	0.5243
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7660	0.0669	0.1239	-0.0068	0.2303
drybean		0.8839	0.0332	0.7753	0.8591	0.1445
ecoli		0.8824	0.0392	0.7490	0.8363	0.1283
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2200	0.3900	0.2465	-0.0456	0.7524
eeg		0.3032	0.0871	0.2413	0.2160	0.5788
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.2995	0.0876	0.1915	0.2198	0.4894
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.3836	0.2466	0.3375	0.2122	0.4204
euthyroid		0.9557	0.0443	0.8683	0.7344	0.3988
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8454	0.1546	0.8449	0.6899	0.5717
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.2073	0.0933	0.0202	0.0000	0.3505
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9804	0.0196	0.9805	0.9602	0.1023
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9615	0.0192	0.9578	0.9470	0.0611
gas		0.8886	0.0371	0.8774	0.8648	0.1468
gastrointestinal		0.6250	0.2500	0.5827	0.4146	0.5998
gender		0.6000	0.2667	0.3792	0.1413	0.5118
gene		0.9306	0.0463	0.9232	0.8897	0.1990
german		0.7500	0.2500	0.7110	0.3902	0.7087
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8905	0.1095	0.8906	0.7807	0.4564
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6190	0.1270	0.6061	0.4598	0.3161
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.4000	0.3000	0.4125	0.1818	0.6462
gsalc		0.4444	0.1852	0.4023	0.3182	0.2787
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.7136	0.1146	0.7019	0.6361	0.4347
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7628	0.0678	0.4270	0.6175	0.1816
har7010%		0.7569	0.0694	0.4133	0.6078	0.1917
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.5963	0.0673	0.1722	0.3825	0.2781
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.4375	0.3750	0.4609	0.1000	0.6085
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8065	0.1935	0.8046	0.6092	0.6543
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8374	0.1626	0.8374	0.6748	0.5887
hepmass10%		0.8359	0.1641	0.8359	0.6718	0.5919
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6682	0.3318	0.6656	0.3284	0.8554
higgs1%		0.6410	0.3590	0.6379	0.2699	0.8785
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1896	0.0494	0.3849
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.9275	0.0725	0.8676	0.7340	0.4463
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6389	0.2407	0.6356	0.3482	0.4758
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.4202	0.3865	0.3282	0.1008	0.6171
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9125	0.0438	0.2644	0.1742	0.0902
hypothyroidT		0.9363	0.0637	0.7301	0.2778	0.1636
ilpd		0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.6000	0.2667	0.5490	0.4375	0.1746
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.3504	0.0500	0.2658	0.3247	0.2968
jm1		0.8209	0.1791	0.6455	0.1720	0.5323
jvowels		0.9337	0.0147	0.9291	0.9249	0.1017
kc1		0.8389	0.1611	0.6225	0.2149	0.6982
kc1-class-level-defectiveornot		0.7333	0.2667	0.7222	0.4444	0.7830

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.6923	0.1231	0.1800	0.2353	0.1761
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.7500	0.2500	0.8000	0.5294	0.5000
krkopt		0.2799	0.0800	0.2152	0.1760	0.5313
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.3824	0.0537	0.3939	0.3585	0.1540
led24		0.5500	0.0900	0.5161	0.5000	0.2062
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.7115	0.0222	0.7100	0.6999	0.2744
leukemia		0.5714	0.2857	0.4912	0.4000	0.3025
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.6944	0.0407	0.7017	0.6735	0.1263
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3958	0.1099	0.1593	0.1562	0.4717
localization10%		0.3859	0.1116	0.1538	0.1434	0.4758
lrs		0.4151	0.1671	0.2007	0.2794	0.3032
lung		0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete		0.8750	0.0500	0.7467	0.8400	0.0440
lung-cancer		0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1		0.2000	0.3200	0.1345	0.1111	0.2611
lung-cancer-harvard2		0.8889	0.1111	0.7805	0.4545	0.2500
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.3333	0.6667	0.2500	-0.5000	1.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.4190	0.3750	0.2259
machine-failure		0.4149	0.5851	0.2932	0.0000	0.5268
madelon		0.6115	0.3885	0.6121	0.2231	0.9152
magic04		0.7833	0.2167	0.7541	0.5002	0.6992
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8646	0.1354	0.8640	0.7277	0.5259
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6337	0.2442	0.6436	0.4343	0.5356
math		0.8000	0.1000	0.7734	0.6905	0.3037
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.5000	0.2500	0.3333	0.3333	0.2044
mental-health		0.2133	0.3147	0.1797	0.0123	0.7022
messidor		0.7304	0.2696	0.7280	0.4553	0.7797
meter-A		0.3750	0.6250	0.2727	0.0000	0.5170
meter-B		0.2222	0.5185	0.1212	0.0000	0.4199
meter-C		0.6111	0.1944	0.3865	0.4350	0.1876

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-D		0.8333	0.0833	0.6813	0.7642	0.1404
mfeat-fac		0.5800	0.0840	0.4500	0.5333	0.2360
mfeat-fou		0.7000	0.0600	0.6662	0.6667	0.2196
mfeat-kar		0.7700	0.0460	0.7094	0.7444	0.1318
mfeat-mor		0.6150	0.0770	0.5961	0.5722	0.2675
mfeat-pix		0.3000	0.1400	0.1817	0.2222	0.3349
mfeat-zer		0.8200	0.0360	0.8231	0.8000	0.1149
mice-prot		0.5278	0.1181	0.3712	0.4550	0.2088
milk		0.8868	0.0755	0.8903	0.8293	0.2463
mines		0.5000	0.2000	0.3945	0.3704	0.4058
mobile		0.4266	0.0205	0.3530	0.4162	0.2264
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9303	0.0697	0.8559	0.6883	0.3222
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.7832	0.2168	0.7769	0.5528	0.6977
myocardial		0.0176	0.2456	0.0043	0.0000	0.1514
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.3333	0.2222	0.1818	0.2000	0.2627
nci9		0.3333	0.2222	0.2857	0.2000	0.2350
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8610	0.0146	0.1411	0.5660	0.1800
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.1429	0.8571	0.1250	0.0000	0.3113
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6410	0.3590	0.6381	0.2755	0.8895
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9440	0.0560	0.9313	0.8626	0.3237
NPHA-doctor-visits		0.5139	0.3241	0.2263	-0.0223	0.4554
nursery		0.5810	0.2095	0.4042	0.3837	0.3891
obesity		0.5450	0.1300	0.4493	0.4625	0.2657
obs		0.8056	0.0972	0.8475	0.7078	0.2415
occupancy		0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation		0.9832	0.0084	0.9535	0.9477	0.0293
oh0-wc		0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.4386	0.1248	0.4461	0.3848	0.2729
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9133	0.0867	0.6659	0.0385	0.2026

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.4822	0.1036	0.3629	0.4250	0.2700
optdigitsZ		0.9947	0.0053	0.9834	0.9668	0.0845
orl		0.4750	0.0262	0.3652	0.4615	0.1065
orlraws10P		0.6000	0.0800	0.5600	0.5556	0.1238
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9684	0.0316	0.7102	0.1943	0.0960
ozone8hr		0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9452	0.0219	0.5476	0.6356	0.1151
parkinson		0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons		0.8057	0.1943	0.7978	0.5942	0.6627
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.5412	0.4588	0.3883	-0.0768	0.8399
pcos		0.2000	0.8000	0.1667	0.0000	0.3900
pd		0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia		0.3824	0.1765	0.2050	0.2084	0.2971
pendigits		0.9281	0.0144	0.9275	0.9201	0.1079
period		0.3333	0.6667	0.2500	0.0000	0.5000
period-10f		0.5556	0.4444	0.3571	-0.2000	0.9762
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.9000	0.1000	0.8881	0.7570	0.3198
phishing		0.9551	0.0449	0.9529	0.9049	0.2341
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%		0.6493	0.1002	0.6185	0.5884	0.3427
phone-acc1%		0.6590	0.0974	0.6264	0.6002	0.3444
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.6224	0.1079	0.5900	0.5567	0.3448
phone-gyr1%		0.6337	0.1046	0.5989	0.5704	0.3541
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.7593	0.2407	0.6882	0.3725	0.7782
phy		0.7078	0.2922	0.7078	0.4155	0.8108
pima		0.6974	0.3026	0.6735	0.3063	0.7532
pirvision		0.8707	0.0862	0.4970	0.4914	0.1867
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.7895	0.2105	0.8224	0.5870	0.4472
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9306	0.0694	0.4820	0.0000	0.1724
polya		0.7859	0.2141	0.7606	0.5161	0.6985
popularity		0.6610	0.2260	0.4091	0.1943	0.4745

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
postures		0.7940	0.0824	0.7930	0.7423	0.3070
pred-tox_mutagen_ref-desc		0.6176	0.3824	0.6195	0.2353	0.9023
prestige		0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor		0.4242	0.0886	0.2219	0.3393	0.2902
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.6866	0.3134	0.5921	0.1145	0.7209
promoters		0.7000	0.3000	0.7674	0.4444	0.5112
prostate		0.5000	0.5000	0.4785	-0.0426	1.0000
prostate_GE		0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio		0.7904	0.0838	0.6975	0.7127	0.2755
puc-rio10%		0.8183	0.0727	0.7388	0.7523	0.2491
pufs-128		0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%		0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%		0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64		0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%		0.5025	0.4975	0.5025	0.0050	0.9986
pufs-6410%		0.5002	0.4998	0.3334	0.0000	0.5283
pulsar		0.9074	0.0926	0.4757	0.0000	0.2118
raisin		0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%		0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%		0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc		0.2067	0.1221	0.0263	0.0000	0.2967
re1-wc		0.4880	0.0410	0.0873	0.3599	0.2498
rejafada		0.0352	0.9648	0.0340	0.0000	0.0946
relathe		0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578		0.4470	0.0230	0.0129	0.0000	0.2191
rice		0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq		0.1750	0.3300	0.0596	0.0000	0.3826
rocket		0.6081	0.3919	0.5789	0.1530	0.9230
RT_IOT2022		0.0336	0.1611	0.0054	0.0000	0.1744
satimage		0.8289	0.0570	0.7802	0.7860	0.1971
satimageF		0.9813	0.0187	0.9509	0.9013	0.1995
satimageT		0.8974	0.1026	0.4730	-0.0031	0.3170
scadi		0.4286	0.2286	0.1200	0.0000	0.3480
schiller		0.6667	0.3333	0.4000	-0.1739	0.9159
schizo		0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom		0.5548	0.4452	0.3568	0.0000	0.5166
seeds		0.6667	0.2222	0.5341	0.5000	0.2697
segment		0.5238	0.1361	0.4186	0.4404	0.2581
segmentation		0.8267	0.1733	0.8079	0.6140	0.6248
segmentO		0.1472	0.8528	0.1283	0.0000	0.3180
seismic		0.9380	0.0620	0.6847	0.1046	0.1594
semeion		0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sensorless		0.0908	0.1653	0.0151	0.0000	0.4085
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8719	0.1281	0.7039	0.3051	0.4608
shuttle		0.8383	0.0462	0.1946	0.4395	0.1177

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sick			0.9602	0.0398	0.8148	0.5962	0.3249
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9189	0.0811	0.8780	0.7558	0.4664
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2200	0.3120	0.2246	0.0223	0.8426
solar-flare			0.7410	0.0863	0.5377	0.6640	0.1916
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.2941	0.0743	0.0783	0.1935	0.2846
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8978	0.1022	0.8935	0.7807	0.4030
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.7429	0.2571	0.6758	0.3505	0.8017
spectrometer			0.3077	0.0513	0.1864	0.2673	0.2350
splice-EI			0.9590	0.0410	0.9498	0.8961	0.2881
splice-IE			0.9085	0.0915	0.8766	0.7524	0.4830
sport-articles			0.8000	0.2000	0.7815	0.5402	0.6155
squash-stored			0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7554	0.1631	0.7033	0.6017	0.4687
steel-b			0.8000	0.2000	0.6542	0.2897	0.7384
steel-d			0.9744	0.0256	0.7350	0.4328	0.4212
steel-k			0.9795	0.0205	0.9685	0.9371	0.1800
steel-o			0.7487	0.2513	0.7088	0.3813	0.7014
steel-p			0.9333	0.0667	0.7373	0.4474	0.5093
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9590	0.0410	0.8893	0.7772	0.4339
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.6608	0.2261	0.5684	0.4923	0.1907
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.8095	0.0762	0.7341	0.7611	0.0990
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4600	0.2160	0.2154	0.1385	0.4408
student-weekend			0.4308	0.2277	0.3007	0.1710	0.5372
student-workday			0.6875	0.1250	0.1630	-0.0191	0.3344
studentap			0.4615	0.3590	0.3373	0.1415	0.4636
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7598	0.2402	0.7623	0.5054	0.6831
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.4327	0.1031	0.2843	0.3790	0.2842
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.6250	0.1500	0.2894	0.4146	0.1775
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.1707	0.1843	0.0324	0.0000	0.3496
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.8495	0.0502	0.6086	0.7915	0.1538
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.6000	0.2000	0.5335	0.4667	0.3660
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.8936	0.1064	0.8845	0.7679	0.4554
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.6567	0.0763	0.5052	0.5914	0.2054
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7619	0.1190	0.7452	0.6822	0.2095
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.4444	0.1010	0.4063	0.3889	0.2755
vowelZ			0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.3846	0.1231	0.3774	0.3247	0.2336
warppie10p			0.8095	0.0381	0.7429	0.7868	0.0657
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.5973	0.1151	0.5848	0.5276	0.4514
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.5558	0.1269	0.5402	0.4798	0.4431
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2200	0.3900	0.2242	-0.0422	0.8614
waveform			0.8600	0.0933	0.8601	0.7900	0.3349
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8074	0.1284	0.5593	0.6400	0.4094
Weekly			0.4444	0.5556	0.3077	0.0000	0.5302
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.7400	0.1300	0.6732	0.6533	0.1299
wilt			0.9710	0.0290	0.8233	0.6176	0.3047
wine			0.7647	0.1569	0.5556	0.5952	0.1089
winequality-red			0.6038	0.1321	0.2694	0.3419	0.3791
winequality-white			0.5194	0.1373	0.2383	0.2125	0.4414
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.8346	0.0473	0.5097	0.7871	0.1321
wisc_bc			0.3684	0.6316	0.2692	0.0000	0.5148
yale			0.5000	0.0667	0.4667	0.4622	0.1207

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeast			0.4865	0.1141	0.3378	0.3332	0.3847
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9172	0.0166	0.9100	0.9072	0.1272

Table 129: Detailed results for MSAMCPN(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1349	0.0824	0.1159	0.0510	0.4840
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9803	0.0197	0.5297	0.0265	0.4066
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8387	0.1613	0.7543	0.4774	0.5877
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8216	0.1784	0.7324	0.4358	0.6345
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7333	0.1067	0.3032	0.3069	0.2905
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8558	0.1442	0.8402	0.6656	0.5022
anneal		0.7079	0.1169	0.1658	0.0000	0.2204
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family		0.9471	0.0264	0.6993	0.8975	0.1378
anuran-genus		0.7997	0.0501	0.3221	0.6146	0.1524
anuran-species		0.8000	0.0400	0.4641	0.7041	0.1398
anxiety		0.1083	0.1981	0.0667	-0.0015	0.5810
apple-quality		0.7200	0.2800	0.7273	0.4400	0.7550
aps-failure		0.9825	0.0175	0.6817	0.3241	0.4547
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.5556	0.0889	0.0714	0.0000	0.2612
auction		0.8971	0.1029	0.7216	0.3273	0.3784
audiology		0.4545	0.0992	0.1191	0.3016	0.2429
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.4739	0.0877	0.2273	0.1578	0.3176
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8871	0.0753	0.7137	0.7949	0.3656
bank		0.8988	0.1012	0.6762	0.2266	0.4191
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8925	0.7771	0.3881
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9922	0.0078	0.7174	0.2399	0.0794
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8762	0.1238	0.8675	0.7337	0.5001
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.4545	0.1818	0.3621	0.3465	0.2388
bridges		0.7000	0.1000	0.4247	0.5161	0.1487
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8621	0.0690	0.5535	0.7011	0.2757
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography		0.6995	0.0601	0.4484	0.6332	0.2235
cardiotocography-nsp		0.8779	0.0814	0.7961	0.6719	0.3295
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6500	0.2333	0.4688	0.3526	0.5735
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.7154	0.2846	0.7202	0.4345	0.7835
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8471	0.1020	0.4123	0.1140	0.2705
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.7151	0.3842	0.3638
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8030	0.1970	0.6546	0.2944	0.7427
churn-bigml		0.8727	0.1273	0.6906	0.2265	0.3829
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.5570	0.0089	0.4944	0.5525	0.0953
cirrhosis		0.7857	0.1429	0.5347	0.5762	0.3577
cjs		0.2429	0.2524	0.0651	0.0000	0.3839
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8028	0.0986	0.5731	0.6958	0.3086
climate		0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111		0.5833	0.2778	0.6964	0.3617	0.3679
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.4681	0.1579	0.6599
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.5948	0.0737	0.2571	0.4875	0.2521
coil20		0.5972	0.0403	0.5984	0.5765	0.1648
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		0.7600	0.0320	0.6378	0.7289	0.0876
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.5862	0.4138	0.4937	-0.0116	0.9557
colposcopies-2		0.5862	0.4138	0.4820	-0.0235	0.8868
colposcopies-3		0.5517	0.4483	0.3556	-0.0680	0.7932
colposcopies-4		0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7419	0.1720	0.6652	0.5860	0.3017
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cottonmeloidogyne		0.7476	0.2524	0.7567	0.4964	0.7050
coupon		0.6767	0.3233	0.6665	0.3063	0.7990
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4847	0.1472	0.0977	0.0100	0.2542
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9447	0.0553	0.7412	0.4382	0.4441
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9986	0.0014	0.7605	0.4993	0.3807
crowdsourced		0.8866	0.0378	0.7817	0.7460	0.1834
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.0625	0.0586	0.0119	0.0323	0.2702
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1700	0.2767	0.0801	-0.0054	0.5133
cyclopentane		0.6296	0.3704	0.6433	0.2742	0.8595
cylinder-bands		0.6667	0.3333	0.6592	0.3184	0.8647
darwin		0.6667	0.3333	0.6710	0.3333	0.8394
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7980	0.2020	0.6515	0.1589	0.5046
defect		0.8765	0.1235	0.7425	0.3350	0.2649
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8883	0.1117	0.6392	0.1554	0.4585
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.2973	0.2342	0.0764	0.0000	0.3667
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7000	0.3000	0.4118	-0.0909	0.8375
diabetes		0.8462	0.1538	0.8356	0.6688	0.5712
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5588	0.2941	0.3433	0.0684	0.4115
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.7000	0.1500	0.6838	0.5833	0.1256
diamonds_all		0.4892	0.2043	0.3282	0.1996	0.3796
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5417	0.4583	0.5495	0.0959	0.9453
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5709	0.4291	0.5909	0.1609	0.8789
dota210%		0.5417	0.4583	0.5574	0.1028	0.9164
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7720	0.1520	0.6861	0.6135	0.4507
drug-01		0.3883	0.1748	0.0802	-0.0098	0.4159
drug-02		0.5000	0.1429	0.1639	0.0536	0.4863
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.1279	0.0972	0.3766
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4255	0.1641	0.2125	0.2601	0.4526

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-07		0.3670	0.2110	0.1937	0.0078	0.2696
drug-08		0.5585	0.1261	0.1769	0.0518	0.3546
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5532	0.1277	0.2149	0.0748	0.3416
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6223	0.1079	0.1746	0.2044	0.3122
drug-14		0.5745	0.1216	0.2019	0.1410	0.3908
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5638	0.1246	0.2215	0.1978	0.3845
drug-17		0.3564	0.1839	0.1362	0.1195	0.5385
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.8060	0.0554	0.7117	0.7642	0.1722
ecoli		0.5000	0.1667	0.2823	0.1399	0.2704
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU		0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1697	0.0007	0.4879
eeg		0.2920	0.0885	0.1860	0.2019	0.5340
eeg-eye		0.5908	0.4092	0.6030	0.1045	0.6748
eeg10%		0.3232	0.0846	0.1771	0.2391	0.5112
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.9589	0.0411	0.8821	0.7641	0.4069
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.7824	0.2176	0.7906	0.5568	0.6212
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.5041	0.0583	0.1950	0.3949	0.2684
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8627	0.1373	0.8731	0.7151	0.3522
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.8125	0.0625	0.6061	0.7563	0.0786
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9231	0.0385	0.9066	0.8934	0.0853
gas		0.5054	0.1649	0.3137	0.3751	0.2955
gastrointestinal		0.7500	0.1667	0.7425	0.5676	0.3678
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.9117	0.0589	0.9031	0.8601	0.2298
german		0.7300	0.2700	0.6886	0.3112	0.6685
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.8847	0.1153	0.8850	0.7695	0.4728
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6667	0.1111	0.3713	0.5067	0.2124
glass-g2		0.6250	0.3750	0.6667	0.2941	0.7744
glassBWFP		0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP		0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.4000	0.4000	0.3571	0.1176	0.3964
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.5238	0.0476	0.9294

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
grub-damage		0.3333	0.3333	0.2098	0.0506	0.5199
gsalc		0.3333	0.2222	0.3382	0.2500	0.1915
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.5096	0.0817	0.2222	0.4144	0.1629
har		0.5438	0.1825	0.5602	0.3988	0.4223
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.7748	0.0643	0.3995	0.6330	0.1258
har7010%		0.6841	0.0903	0.2513	0.4538	0.1803
harth		0.4492	0.0918	0.0517	0.0000	0.2692
harth1%		0.6244	0.0626	0.2135	0.4501	0.2579
harth10%		0.5831	0.0695	0.1559	0.3569	0.2393
hayes-roth		0.3750	0.4167	0.3689	-0.0191	0.7034
hcc-survival		0.5882	0.4118	0.5662	0.1314	0.9439
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8387	0.1613	0.8369	0.6723	0.5819
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.8000	0.2000	0.8077	0.5455	0.5283
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8305	0.1695	0.8316	0.6607	0.5942
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6155	0.3845	0.6325	0.2457	0.8555
higgs1%		0.5986	0.4014	0.6138	0.2122	0.8794
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.0500	0.0065	0.3315
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.9258	0.0742	0.8596	0.7075	0.3874
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6667	0.2222	0.6279	0.3656	0.4294
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.5575	0.2950	0.5772	0.3371	0.6451
htru2		0.9777	0.0223	0.9296	0.8546	0.1812
hypothyroid		0.9098	0.0451	0.2748	0.2160	0.1797
hypothyroidT		0.9363	0.0637	0.7301	0.2778	0.1636
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.4442	0.0428	0.4319	0.4220	0.2354
jm1		0.8173	0.1827	0.6391	0.1183	0.4660
jvowels		0.6596	0.0756	0.6674	0.6117	0.2177
kc1		0.8578	0.1422	0.6619	0.2344	0.5430
kc1-class-level-defectiveornot		0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect		0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF		0.7333	0.2667	0.4231	-0.1111	0.4921
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.7646	0.0362	0.1294	0.6020	0.0655
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2396	0.0845	0.2138	0.1466	0.6061
krvskp		0.9687	0.0313	0.9686	0.9372	0.1882
la1s-wc		0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc		0.4702	0.1766	0.2508	0.2538	0.3079
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.2059	0.0691	0.1080	0.1745	0.2245
led24		0.4500	0.1222	0.3363	0.3642	0.2702
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.4505	0.0423	0.4669	0.4281	0.2935
leukemia		0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.2222	0.1037	0.1718	0.1765	0.2602
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.5588	0.4412	0.5978	0.1694	0.8239
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.4029	0.1086	0.1561	0.1871	0.4594
localization10%		0.3926	0.1104	0.1264	0.1680	0.4639
lrs		0.5283	0.1348	0.2804	0.3454	0.2202
lung		0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete		0.5000	0.2000	0.4653	0.3725	0.2271
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8500	0.0600	0.5304	0.6154	0.1305
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.5714	0.2857	0.2424	0.0000	0.3175
lymphoma2		0.6667	0.1111	0.4194	0.5000	0.1576
machine-failure		0.9149	0.0851	0.9152	0.8273	0.3841
madelon		0.5615	0.4385	0.5738	0.1231	0.8739
magic04		0.7738	0.2262	0.7415	0.4609	0.6834
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8366	0.6680	0.5802
marketing		0.9018	0.0982	0.7804	0.5399	0.5135
maternal		0.6436	0.2376	0.6650	0.4484	0.4811
math		0.4250	0.2875	0.1574	0.0065	0.3325
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.5000	0.2500	0.3333	0.3333	0.2044
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.7391	0.2609	0.7502	0.4858	0.7241
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		0.4444	0.3704	0.2051	0.0000	0.3901
meter-C		0.2778	0.3611	0.1562	-0.0308	0.3349
meter-D		0.6111	0.1944	0.4222	0.4299	0.2079
mfeat-fac		0.4450	0.1110	0.4097	0.3833	0.2802
mfeat-fou		0.4000	0.1200	0.3234	0.3333	0.3258
mfeat-kar		0.5400	0.0920	0.4507	0.4889	0.2336
mfeat-mor		0.4600	0.1080	0.3668	0.4000	0.2310

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-pix		0.3300	0.1340	0.3052	0.2556	0.3425
mfeat-zer		0.5050	0.0990	0.4002	0.4500	0.2942
mice-prot		0.9074	0.0231	0.8482	0.8936	0.0296
milk		0.9057	0.0629	0.9111	0.8579	0.1856
mines		0.5882	0.1647	0.5341	0.4843	0.3012
mobile		0.1434	0.0306	0.0897	0.1281	0.3005
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.6607	0.3393	0.6599	0.3179	0.8648
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		0.5178	0.4822	0.3412	0.0000	0.5256
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.9318	0.0682	0.8602	0.6878	0.2544
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.7086	0.2914	0.7108	0.4163	0.7951
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.7494	0.2506	0.7446	0.4887	0.7539
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.7644	0.2356	0.7675	0.5290	0.7116
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.0000	0.3333	0.0000	-0.2000	0.4515
ncRNA1%		0.8559	0.0152	0.1132	0.5226	0.1699
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6425	0.3575	0.6561	0.2965	0.8413
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9440	0.0560	0.9305	0.8603	0.3047
NPHA-doctor-visits		0.4861	0.3426	0.3114	-0.0110	0.5663
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.7299	0.0772	0.6944	0.6834	0.1418
obs		0.5278	0.2361	0.2718	0.1808	0.3558
occupancy		0.9859	0.0141	0.9804	0.9606	0.1404
Occupancy_Estimation		0.8736	0.0632	0.3914	0.5990	0.1129
oh0-wc		0.4257	0.1149	0.3357	0.3068	0.2858
oh10-wc		0.3714	0.1257	0.2026	0.2536	0.3489
oh15-wc		0.3587	0.1283	0.2165	0.2659	0.3668
oh5-wc		0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.5439	0.1014	0.2534	0.3534	0.2392
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.4270	0.1146	0.3567	0.3643	0.2991
optdigitsZ		0.9947	0.0053	0.9834	0.9668	0.0845
orl		0.3000	0.0350	0.2033	0.2821	0.1758
orlraws10P		0.4000	0.1200	0.2353	0.3333	0.1706
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ozone8hr		0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9305	0.0278	0.4291	0.4234	0.0771
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.7820	0.2180	0.7867	0.5605	0.6682
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8356	0.1644	0.7839	0.5489	0.5881
particle10%		0.8477	0.1523	0.8052	0.6078	0.6052
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		0.8000	0.2000	0.4444	0.0000	0.3522
pd		0.8553	0.1447	0.8183	0.6333	0.6082
pediatric-leukemia		0.5000	0.1429	0.4273	0.3890	0.2797
pendigits		0.5205	0.0959	0.4792	0.4671	0.2905
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.6239	0.3761	0.3842	0.0000	0.4887
personalities		0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption		0.9000	0.1000	0.8881	0.7570	0.3198
phishing		0.9469	0.0531	0.9444	0.8872	0.2581
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%		0.5245	0.1359	0.5466	0.4444	0.3370
phone-acc1%		0.5287	0.1347	0.5087	0.4475	0.3367
phone-acc10%		0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%		0.1996	0.2287	0.1064	0.0494	0.4108
phone-gyr1%		0.4729	0.1506	0.4399	0.3833	0.3320
phone-gyr10%		0.1687	0.2375	0.0412	0.0000	0.3985
phoneme		0.7352	0.2648	0.6303	0.2345	0.7871
phy		0.6946	0.3054	0.7060	0.3880	0.7650
pima		0.7105	0.2895	0.6871	0.3569	0.7863
pirvision		0.9595	0.0270	0.9259	0.8604	0.0908
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.7895	0.2105	0.8224	0.5870	0.4472
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9306	0.0694	0.4820	0.0000	0.1724
polya		0.7805	0.2195	0.7652	0.5297	0.7143
popularity		0.6514	0.2324	0.4236	0.2662	0.4814
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.8151	0.0740	0.8164	0.7687	0.2714
pred-tox_mutagen_ref-desc		0.6618	0.3382	0.6711	0.3235	0.8188
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.2727	0.1119	0.1392	0.1818	0.2980
processed		0.3221	0.6779	0.2436	0.0000	0.4941
profb		0.6716	0.3284	0.6365	0.2725	0.8623
promoters		0.7000	0.3000	0.7674	0.4444	0.5112
prostate		0.5714	0.4286	0.3636	0.0000	0.5112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio			0.7957	0.0817	0.7239	0.7230	0.3108
puc-rio10%			0.7459	0.1016	0.7042	0.6675	0.3203
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9000	0.1000	0.9025	0.8000	0.4045
re0-wc			0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc			0.5060	0.0395	0.1297	0.3842	0.2331
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6023	0.3977	0.6426	0.2498	0.8063
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.7263	0.0912	0.6236	0.6538	0.2557
satimageF			0.9829	0.0171	0.9549	0.9090	0.1719
satimageT			0.9020	0.0980	0.6400	0.0761	0.3073
scadi			0.5714	0.1714	0.4881	0.4474	0.2432
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5588	0.4412	0.5974	0.1176	0.7296
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.6190	0.2540	0.5463	0.4286	0.2659
segment			0.5368	0.1323	0.4730	0.4660	0.2165
segmentation			0.7970	0.2030	0.7719	0.5268	0.6452
segmentO			0.8528	0.1472	0.4603	0.0000	0.2903
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.7468	0.0460	0.7720	0.7215	0.1518
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8646	0.1354	0.6826	0.2254	0.4268
shuttle			0.9172	0.0236	0.3809	0.7356	0.0987
sick			0.9523	0.0477	0.7681	0.4789	0.3540
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9074	0.0926	0.8568	0.7133	0.4951
skin10%			0.9048	0.0952	0.8514	0.7017	0.4973
smarket			0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7410	0.0863	0.5385	0.6646	0.1959
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.6912	0.0325	0.4325	0.6557	0.1296
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9087	0.0913	0.9041	0.8065	0.3993

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spect			0.7778	0.2222	0.6786	0.3571	0.7720
spectf			0.7429	0.2571	0.6587	0.3077	0.7974
spectrometer			0.4615	0.0399	0.2859	0.4243	0.1749
splice-EI			0.9495	0.0505	0.9395	0.8736	0.3241
splice-IE			0.9148	0.0852	0.8865	0.7716	0.4642
sport-articles			0.8000	0.2000	0.7802	0.5510	0.6550
squash-stored			0.4000	0.4000	0.3030	0.0000	0.5733
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7432	0.1712	0.6741	0.5730	0.4581
steel-b			0.8000	0.2000	0.6245	0.1666	0.6262
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.7385	0.2615	0.7005	0.3304	0.6416
steel-p			0.9436	0.0564	0.7975	0.5906	0.5045
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9641	0.0359	0.8957	0.7910	0.3671
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.5520	0.4480	0.3557	0.0000	0.5174
stress			0.5873	0.1651	0.5228	0.4881	0.1684
student-lifestyle			0.6050	0.1580	0.3352	0.3253	0.3793
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3600	0.2560	0.1059	0.0000	0.3283
student-weekend			0.3692	0.2523	0.1171	0.0220	0.4628
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7408	0.2592	0.7549	0.4591	0.6239
susy10%			0.7198	0.2802	0.7377	0.4124	0.6274
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4641	0.2000	0.3763
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.4982	0.0912	0.5204	0.4523	0.2490
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9110	0.0890	0.8846	0.7679	0.4691
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.7591	0.2409	0.7276	0.4549	0.7599
tourist			0.6250	0.1500	0.3152	0.4146	0.1597
tox_171			0.5882	0.2059	0.6390	0.4465	0.3085
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.5610	0.0976	0.2400	0.4198	0.2373
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.5714	0.1429	0.2464	0.3051	0.2763
trec31-wc			0.6989	0.1004	0.4272	0.5558	0.1869
trec41-wc			0.5000	0.1000	0.2319	0.3254	0.2515
trec45-wc			0.4348	0.1130	0.1706	0.2972	0.2970

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.6250	0.1875	0.6854	0.5000	0.2877
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%			0.8921	0.1079	0.8839	0.7679	0.4707
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.6866	0.0697	0.4342	0.6230	0.1909
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7500	0.1250	0.7278	0.6650	0.2410
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8372	0.1628	0.8474	0.6760	0.5146
vowel			0.4444	0.1010	0.3589	0.3889	0.2415
vowelZ			0.9596	0.0404	0.9072	0.7963	0.4472
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.4231	0.0577	0.2104	0.3176	0.2838
warpar10p			0.4615	0.1077	0.3534	0.3974	0.1640
warppie10p			0.3333	0.1333	0.2917	0.2632	0.2987
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.6063	0.1125	0.6086	0.5389	0.3739
watch-acc10%			0.6077	0.1121	0.6142	0.5405	0.3773
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.5041	0.1417	0.5332	0.4182	0.3669
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8460	0.1027	0.8469	0.7689	0.3567
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8296	0.1136	0.6882	0.6938	0.4698
Weekly			0.5556	0.4444	0.3571	0.0000	0.5164
weight-lift			0.7883	0.0847	0.7726	0.7307	0.3256
white-clover			0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc			0.6500	0.1750	0.5804	0.5333	0.2072
wilt			0.9772	0.0228	0.8693	0.7324	0.3274
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5975	0.1342	0.2845	0.3262	0.3398
winequality-white			0.5051	0.1650	0.2946	0.1556	0.3962
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.8484	0.0433	0.5289	0.8041	0.1008
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.3125	0.0917	0.2319	0.2667	0.1785
yeast			0.4730	0.1171	0.3630	0.3221	0.3472
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.4258	0.1148	0.3414	0.3327	0.3106

Table 130: Detailed results for NBC(R)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1277	0.0831	0.1034	0.0429	0.5075
abalone19		0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18		0.8630	0.1370	0.5563	0.1010	0.5763
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.8810	0.1190	0.5325	0.0597	0.7131
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.6190	0.3810	0.5508	0.0885	0.7502
AID_602330		0.9323	0.0677	0.5493	0.0983	0.6373
AID_652128		0.6061	0.2626	0.4056	0.0438	0.4996
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8122	0.1878	0.7391	0.4776	0.7078
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7907	0.2093	0.7679	0.5351	0.7008
anneal		0.7079	0.1169	0.1658	0.0000	0.2204
antivirus		0.8649	0.1351	0.7597	0.3934	0.2846
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.8957	0.0522	0.8589	0.8100	0.2762
anuran-genus		0.9207	0.0198	0.8734	0.8746	0.2033
anuran-species		0.9528	0.0094	0.9115	0.9347	0.1166
anxiety		0.1000	0.2000	0.0217	-0.0097	0.4840
apple-quality		0.6950	0.3050	0.6950	0.3900	0.8275
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia		0.5778	0.0844	0.1758	0.0747	0.2437
auction		0.9069	0.0931	0.7535	0.4444	0.4313

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.9615	0.0385	0.9602	0.9201	0.2283
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.6897	0.3103	0.7395	0.3650	0.4882
autos		0.6000	0.1600	0.4628	0.4366	0.2759
avila		0.6737	0.0544	0.6216	0.5269	0.3348
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.9355	0.0430	0.6451	0.8786	0.0817
bank		0.8876	0.1124	0.6546	0.0038	0.2424
banknote		0.8978	0.1022	0.8971	0.7938	0.4409
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8618	0.1382	0.8493	0.6841	0.4828
basehock		0.5678	0.4322	0.6542	0.1394	0.5219
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.8097	0.6018	0.5323
biodeg		0.7429	0.2571	0.7875	0.5133	0.5626
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0013	0.0451	0.0002	0.2264
bitcoin1%		0.9846	0.0044	0.1417	-0.0014	0.3248
bitcoin10%		0.9851	0.0027	0.0961	0.0082	0.2513
body-perf		0.5694	0.2153	0.5671	0.4259	0.5772
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co		0.4545	0.5455	0.4500	-0.1000	1.0000
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.5000	0.1667	0.1111	0.0000	0.3136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4950	0.3367	0.4005	0.0043	0.3461
car		0.6954	0.1523	0.2051	0.0000	0.2293
card		0.7536	0.2464	0.7460	0.4719	0.7005
cardiotocography		0.7418	0.0516	0.7222	0.6948	0.3412
cardiotocography-nsp		0.8169	0.1221	0.7153	0.5479	0.4859
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9695	0.0203	0.9695	0.9543	0.1041
cars		0.7000	0.2000	0.5863	0.4754	0.5166
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.6046	0.3954	0.6090	0.1666	0.7938
cas_N6512_RDkit_AtomPair_FP		0.5936	0.4064	0.5979	0.1406	0.7864
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.6262	0.3738	0.6226	0.2448	0.9055
cas_N6512_rdkit_FEATMORGAN		0.6498	0.3502	0.6536	0.3036	0.8681
cas_N6512_RDkit_Featmorgan_FP		0.6472	0.3528	0.6556	0.3028	0.8565
cas_N6512_RDkit_FP		0.6181	0.3819	0.6171	0.2340	0.9112
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.6989	0.3011	0.6963	0.3924	0.8235
cas_N6512_RDkit_MACCS_FP		0.6672	0.3328	0.6812	0.3457	0.8126
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.6692	0.3308	0.6691	0.3375	0.8568
cas_N6512_RDkit_pattern_FP		0.6641	0.3359	0.6653	0.3292	0.8594
cas_N6512_rdkit_RDKITFP		0.5975	0.4025	0.6003	0.1987	0.9224
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6995	0.3005	0.6989	0.3868	0.7909
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9872	0.0128	0.6848	0.1198	0.1701
chrom191%		0.9894	0.0106	0.7083	0.1801	0.2369
chrom1910%		0.9926	0.0074	0.6690	0.1695	0.2638
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8240	0.1760	0.6984	0.3840	0.6996
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6632	0.3368	0.6210	0.1671	0.7225
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6429	0.2381	0.4354	0.2085	0.3880
cjs		0.6357	0.1214	0.5647	0.5440	0.2527
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7630	0.1185	0.4899	0.6128	0.3305
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.8200	0.1800	0.4505	-0.0976	0.7500
cmc		0.5102	0.3265	0.5016	0.2529	0.7104
cnae-9		0.2130	0.1749	0.1231	0.1146	0.3741
codon_usage		0.6193	0.0692	0.5530	0.5421	0.4098
coil20		0.9444	0.0056	0.9476	0.9415	0.0401
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.3000	0.0933	0.3689	0.2717	0.2708
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.7241	0.2759	0.7379	0.4579	0.7367
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.7586	0.2414	0.6090	0.2162	0.7841
colposcopies-6		0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.8065	0.1290	0.7790	0.6890	0.2725
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7644	0.2356	0.7649	0.5285	0.7236
coupon		0.5938	0.4062	0.6067	0.2046	0.8961
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.5912	0.4088	0.6607	0.1512	0.3161
crabs		0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9940	0.0060	0.7190	0.3181	0.4143
crowdsourced		0.8839	0.0387	0.7350	0.7735	0.4042
cryotherapy		0.6667	0.3333	0.6582	0.3077	0.8482
cultivars		0.4062	0.0297	0.2744	0.3896	0.0853
cybersecurity		0.1633	0.2789	0.1617	-0.0152	0.6405
cyclopentane		0.5556	0.4444	0.5500	0.1000	0.9644
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.6154	0.3846	0.3810	-0.1404	0.4667
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7960	0.2040	0.6409	0.1648	0.5580
defect		0.8951	0.1049	0.7828	0.4816	0.3221
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9785	0.9664	0.0409
desharnais		0.5000	0.3333	0.4036	0.1795	0.3510
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.2500	0.5000	0.1333	0.0000	0.4234
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8462	0.1538	0.8361	0.6623	0.5407
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all		0.5782	0.1687	0.4952	0.3679	0.4214
dishonest		0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5000	0.5000	0.4203	-0.1250	0.9838
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7043	0.1971	0.6292	0.4723	0.4106
drug-01		0.3989	0.1717	0.1457	0.0599	0.5461
drug-02		0.4840	0.1474	0.2387	0.1819	0.4834
drug-03		0.6383	0.1033	0.1750	0.0899	0.3921
drug-04		0.4840	0.1474	0.1442	0.0586	0.6309
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3989	0.1717	0.3300	0.2579	0.5021
drug-07		0.4309	0.1626	0.1446	0.0822	0.4291
drug-08		0.5053	0.1413	0.1733	0.1615	0.5371
drug-09		0.8298	0.0567	0.2238	0.1484	0.3245
drug-10		0.5000	0.1429	0.1860	0.1324	0.5693
drug-11		0.7819	0.0623	0.1525	0.1162	0.3000
drug-12		0.7713	0.0654	0.1546	0.0115	0.4713
drug-13		0.6170	0.1094	0.2464	0.2871	0.3951
drug-14		0.5266	0.1353	0.2734	0.2193	0.6417
drug-15		0.7021	0.0851	0.1404	0.1341	0.5274
drug-16		0.5691	0.1231	0.2307	0.2962	0.4777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-17		0.3617	0.1824	0.2879	0.1544	0.5965
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.6543	0.0988	0.1749	0.0214	0.7062
drybean		0.9023	0.0279	0.9091	0.8818	0.1457
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8182	0.1818	0.8012	0.5769	0.6201
ecoliMU		0.6970	0.3030	0.6205	0.1667	0.5194
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.2679	0.0242	0.8129
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.2403	0.0950	0.2107	0.1671	0.6413
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4795	0.2082	0.3840	0.3123	0.4844
euthyroid		0.8987	0.1013	0.4733	-0.0062	0.3771
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5250	0.4750	0.5250	0.0500	0.9851
fbis-wc		0.2114	0.0928	0.0790	0.0606	0.3566
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4902	0.5098	0.4812	-0.0376	1.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.9249	0.8462	0.0696
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9231	0.0385	0.9137	0.8945	0.1419
gas		0.6707	0.1098	0.6844	0.6061	0.3666
gastrointestinal		0.5625	0.2917	0.6672	0.3373	0.3464
gender		0.5347	0.3102	0.3441	0.0692	0.5452
gene		0.8864	0.0757	0.8812	0.8218	0.2929
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
glass		0.7619	0.0794	0.8288	0.6688	0.2043
glass-g2		0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP		0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP		0.7143	0.2857	0.7361	0.4375	0.7044
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.5714	0.4286	0.6434	0.1043	0.2369
GlaucomaM		0.7368	0.2632	0.7360	0.4693	0.7643
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8571	0.1429	0.8643	0.7154	0.5020
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.3333	0.3333	0.3103	0.0854	0.3769
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.7492	0.1003	0.7507	0.6784	0.3627
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8721	0.0365	0.5824	0.8140	0.2021
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.5294	0.4706	0.4617	-0.0625	0.9644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.8065	0.1935	0.8046	0.6092	0.6543
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.9060	0.0940	0.8902	0.7669	0.3430
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.9333	0.0667	0.8929	0.7619	0.1858
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs		0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6445	0.3555	0.6415	0.2803	0.8818
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.3571	0.1607	0.1970	0.2125	0.2636
hinselmann		0.5000	0.5000	0.3333	-0.3158	0.8298
hitters		0.4688	0.5312	0.3191	0.0000	0.5307
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.7140	0.1907	0.7213	0.5726	0.4852
htru2		0.9615	0.0385	0.8929	0.7833	0.4364
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9284	0.0716	0.6877	0.1203	0.1771
ilpd		0.6271	0.3729	0.6368	0.2488	0.7980
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere		0.8857	0.1143	0.8767	0.7473	0.4951
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.7600	0.2400	0.7839	0.4828	0.4416
jm1		0.8007	0.1993	0.6133	0.1993	0.7418
jvowels		0.8695	0.0290	0.8642	0.8521	0.1779
kc1		0.8104	0.1896	0.6226	0.2443	0.7644
kc1-class-level-defectiveornot		0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.6667	0.3333	0.4000	-0.1194	0.4433
kc2		0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.5544	0.2971	0.6099	0.3570	0.5186
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3333	0.0741	0.2805	0.2400	0.4434
krvskp		0.6708	0.3292	0.7366	0.3601	0.5036
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.7059	0.0256	0.6578	0.6901	0.0779
led24		0.3500	0.1444	0.3480	0.2758	0.2983
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7000	0.0231	0.7225	0.6879	0.2642
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
libra		0.9167	0.0111	0.9275	0.9104	0.0362
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9969	0.0031	0.8605	0.6882	0.5201
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6471	0.3529	0.5968	0.1937	0.8945
loan		0.9578	0.0422	0.9559	0.9111	0.2478
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.4144	0.1065	0.1439	0.1508	0.3261
lrs		0.7925	0.0593	0.6683	0.7181	0.2113
lung		0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.8971	0.8174	0.2476
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.8889	0.0370	0.8163	0.8421	0.0589
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5923	0.4077	0.5930	0.1846	0.9311
magic04		0.7659	0.2341	0.7350	0.4211	0.6321
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8511	0.6899	0.5288
marketing		0.8571	0.1429	0.6626	0.0506	0.2855
maternal		0.6634	0.2244	0.6660	0.4756	0.4492
math		0.7250	0.1375	0.5496	0.5421	0.2553
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.8333	0.0833	0.8654	0.7778	0.1572
mental-health		0.2067	0.3173	0.2146	0.0011	0.7645
messidor		0.6000	0.4000	0.6332	0.2355	0.8266
meter-A		0.7500	0.2500	0.7333	0.4667	0.7630
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.5907	0.4728	0.2675
meter-D		0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac		0.9550	0.0090	0.9558	0.9500	0.0540
mfeat-fou		0.7650	0.0470	0.7656	0.7389	0.1951
mfeat-kar		0.9550	0.0090	0.9565	0.9500	0.0544
mfeat-mor		0.6800	0.0640	0.6493	0.6444	0.2150
mfeat-pix		0.9350	0.0130	0.9373	0.9278	0.0730
mfeat-zer		0.7200	0.0560	0.7262	0.6889	0.2281
mice-prot		0.9722	0.0069	0.9734	0.9682	0.0347
milk		0.9245	0.0503	0.9244	0.8857	0.1689
mines		0.4412	0.2235	0.4715	0.3009	0.4162
mobile		0.8951	0.0037	0.9016	0.8932	0.0465
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9397	0.0603	0.9397	0.8793	0.3048
musk		0.8833	0.1167	0.7741	0.5481	0.6212
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.6295	0.3705	0.6096	0.1528	0.7526
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.6966	0.3034	0.6814	0.3543	0.8173
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.6719	0.3281	0.6709	0.3391	0.8467
MUT_ci300400a_rdkit_descriptors		0.6667	0.3333	0.6527	0.3004	0.8594
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.6311	0.3689	0.6987	0.2635	0.5326
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.5000	0.1667	0.4286	0.4000	0.2097
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.0056	0.1047	0.0006	0.0000	0.1657
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9524	0.0476	0.9211	0.8293	0.4011
newspop		0.5469	0.4531	0.5896	0.1296	0.7978
NHANES_age_prediction		0.9559	0.0441	0.9139	0.8230	0.2683
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5417	0.3056	0.4151	0.0361	0.3592
nursery		0.9151	0.0424	0.6955	0.8742	0.1268
obesity		0.5355	0.1327	0.5965	0.4553	0.3443
obs		0.8056	0.0972	0.8364	0.7156	0.2909
occupancy		0.9844	0.0156	0.9782	0.9563	0.1427
Occupancy_Estimation		0.9852	0.0074	0.9594	0.9552	0.1075
oh0-wc		0.2178	0.1564	0.0649	0.0386	0.4111
oh10-wc		0.1714	0.1657	0.0552	0.0146	0.4663
oh15-wc		0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc		0.1648	0.1670	0.0455	0.0012	0.4236
olive		0.9474	0.0117	0.9231	0.9347	0.0366
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.7274	0.2726	0.6612	0.2275	0.5098
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.8701	0.0260	0.8813	0.8556	0.1411
optdigitsZ		0.9466	0.0534	0.8777	0.7333	0.5002
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr		0.7905	0.2095	0.6502	0.1570	0.3351
ozone8hr		0.7470	0.2530	0.6387	0.1933	0.4967
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7062	0.2938	0.7143	0.4085	0.7566
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8254	0.1746	0.8354	0.6543	0.5555
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9488	0.0205	0.7845	0.7424	0.4267
parkinson		0.9333	0.0667	0.9329	0.8638	0.3290
parkinsons		0.8341	0.1659	0.8294	0.6189	0.4480
parkinsons-small		0.8421	0.1579	0.8508	0.6587	0.4882
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.8462	0.1538	0.8369	0.6564	0.5703
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.6214	0.2387	0.6639
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8158	0.1842	0.7462	0.4909	0.6969
pediatric-leukemia		0.6176	0.1092	0.4339	0.5078	0.2562
pendigits		0.8835	0.0233	0.8880	0.8706	0.1322
period		0.5556	0.4444	0.5791	0.1429	0.8628
period-10f		0.4444	0.5556	0.4208	-0.1538	0.9711
persistency		0.6239	0.3761	0.3842	0.0000	0.4887
personalities		0.0627	0.1172	0.0074	0.0000	0.4134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pet-adoption			0.8700	0.1300	0.8499	0.6967	0.5223
phishing			0.9429	0.0571	0.9399	0.8797	0.2969
PhiUSIIL10%			0.8236	0.1764	0.8339	0.6209	0.4231
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.6072	0.1122	0.6043	0.5381	0.3887
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.6511	0.0997	0.6380	0.5899	0.3410
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7796	0.2204	0.7637	0.5123	0.6915
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6842	0.3158	0.6565	0.2985	0.8279
pirvision			0.9366	0.0422	0.8751	0.8162	0.2838
placement			0.7790	0.2210	0.7758	0.5507	0.7044
plant-growth			0.8421	0.1579	0.8444	0.6851	0.5655
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd			0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd			0.9514	0.0486	0.5683	0.0325	0.3073
polish-4th			0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th			0.9306	0.0694	0.5966	0.0403	0.2959
polya			0.7330	0.2670	0.7146	0.4285	0.7861
popularity			0.5311	0.3126	0.3929	0.1641	0.4640
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6954	0.3824	0.8104
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2121	0.1212	0.0730	0.0456	0.3573
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE			0.7273	0.2727	0.7609	0.4211	0.4644
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.8896	0.0442	0.8060	0.8502	0.1871
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9737	0.0263	0.9226	0.8450	0.3317
raisin			0.8444	0.1556	0.8476	0.6889	0.5491
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.2289	0.0617	0.0237	0.0098	0.3500
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.9846	0.0154	0.9845	0.9688	0.0974
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5225	0.4775	0.6343	0.1567	0.6343
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8118	0.0627	0.8000	0.7703	0.2522
satimageF			0.9829	0.0171	0.9549	0.9090	0.1719

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimageT			0.8585	0.1415	0.7755	0.4896	0.5752
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5000	0.5000	0.5000	0.0000	0.7508
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8910	0.1090	0.6362	0.2633	0.6378
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.8571	0.0952	0.8631	0.7857	0.2706
segment			0.9091	0.0260	0.9169	0.8937	0.1177
segmentation			0.7673	0.2327	0.7609	0.5154	0.7170
segmentO			0.9740	0.0260	0.9498	0.8990	0.2748
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9811	0.0189	0.9467	0.8928	0.2097
sens-1-gram			0.8447	0.1553	0.5585	0.0989	0.7273
sens-10-gram			0.2310	0.7690	0.5540	0.0280	0.3415
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8289	0.1711	0.5810	0.1587	0.7589
sens-6-gram			0.6289	0.3711	0.5238	0.0377	0.6539
sens-7-gram			0.3789	0.6211	0.5310	0.0290	0.4831
sens-8-gram			0.1895	0.8105	0.5228	0.0091	0.3456
sens-9-gram			0.2079	0.7921	0.5446	0.0200	0.3329
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8654	0.1346	0.6882	0.2226	0.3953
shuttle			0.9926	0.0021	0.5980	0.9792	0.1822
sick			0.7905	0.2095	0.7114	0.2930	0.4570
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9470	0.0530	0.9185	0.8368	0.3415
skin10%			0.9371	0.0629	0.9026	0.8045	0.3767
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1800	0.3280	0.1430	-0.0327	0.6926
solar-flare			0.7410	0.0863	0.5412	0.6640	0.1986
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.7794	0.0232	0.8115	0.7616	0.0743
spam-detection			0.9385	0.0615	0.7973	0.5864	0.4928
spambase			0.7283	0.2717	0.7636	0.4806	0.6414
spect			0.6667	0.3333	0.6421	0.2569	0.7546
spectf			0.8571	0.1429	0.8654	0.6957	0.4644
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.9085	0.0915	0.9015	0.7836	0.4149
splice-IE			0.8139	0.1861	0.8228	0.5918	0.5348
sport-articles			0.7700	0.2300	0.7579	0.5148	0.7276
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			0.4839	0.5161	0.6477	0.1507	0.5254
steel_industry			0.7840	0.1440	0.7432	0.6469	0.3650
steel-b			0.6667	0.3333	0.6723	0.2934	0.6901
steel-d			0.9744	0.0256	0.8355	0.6539	0.5313
steel-k			0.9641	0.0359	0.9439	0.8868	0.2321
steel-o			0.5795	0.4205	0.6234	0.2139	0.8090
steel-p			0.8205	0.1795	0.7602	0.4030	0.4894
steel-s			0.9795	0.0205	0.8697	0.7393	0.4154
steel-z			0.9282	0.0718	0.8455	0.6694	0.5434
stellar			0.5945	0.2703	0.2486	0.0000	0.3397

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stock			0.8125	0.1875	0.6879	0.3757	0.7383
stockb			0.9604	0.0264	0.9619	0.9405	0.0985
streaming			0.9620	0.0380	0.9622	0.9227	0.1875
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4600	0.2160	0.3187	0.2075	0.5622
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3300	0.2680	0.1196	-0.0772	0.4536
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.4580	0.5420	0.3141	0.0000	0.5307
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_flocking			0.8930	0.1070	0.8933	0.7860	0.4492
tae			0.4000	0.4000	0.3279	0.1000	0.6008
telco-churn			0.8565	0.1435	0.8118	0.6226	0.5976
texture			0.8073	0.0350	0.8154	0.7876	0.1957
theorem			0.6825	0.3175	0.7214	0.3956	0.7028
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.7263	0.2737	0.6810	0.3578	0.8063
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.7364	0.2636	0.7103	0.4184	0.7820
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.5882	0.4118	0.6016	0.1905	0.8702
toxicity-13f			0.8235	0.1765	0.8020	0.5984	0.6209
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.4920	-0.0141	0.8877
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1673	0.0544	0.2091
trec23-wc			0.3810	0.2063	0.0920	-0.0500	0.4201
trec31-wc			0.3656	0.2115	0.0892	-0.0150	0.3774
trec41-wc			0.0682	0.1864	0.0573	0.0432	0.3686
trec45-wc			0.0145	0.1971	0.0029	0.0000	0.3968
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.7000	0.1500	0.6940	0.6000	0.3507
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8615	0.1385	0.8494	0.6921	0.5167
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9592	0.0408	0.4896	-0.0132	0.5628
ur3_cobotops_stop			0.7184	0.2816	0.6359	0.1174	0.2847
urban			0.7164	0.0630	0.7526	0.6685	0.2121
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.6190	0.1905	0.6023	0.4919	0.4219
vehicleVAN			0.7619	0.2381	0.7964	0.5181	0.5265
voice			0.6667	0.3333	0.7500	0.4000	0.5283
vote			0.9535	0.0465	0.9555	0.9071	0.2027
vowel			0.4646	0.0973	0.4934	0.4111	0.2604
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.6154	0.0769	0.5049	0.5667	0.1104
warppie10p			0.9524	0.0095	0.9583	0.9470	0.0212

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.6301	0.1057	0.6294	0.5670	0.3548
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2533	0.3733	0.2495	0.0009	0.8371
waveform			0.8120	0.1253	0.8254	0.7181	0.3327
web-phishing			0.8296	0.1136	0.5731	0.6801	0.3020
Weekly			0.9815	0.0185	0.9812	0.9625	0.1262
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9482	0.0518	0.4867	-0.0040	0.3208
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5723	0.1426	0.3185	0.3353	0.4566
winequality-white			0.4601	0.1543	0.2570	0.2126	0.6510
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.6875	0.0417	0.6462	0.6639	0.0804
yeast			0.5270	0.1051	0.3375	0.3895	0.4725
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9392	0.0608	0.7807	0.4478	0.4858
yeastME1			0.9459	0.0541	0.7910	0.4789	0.5000
yeastME2			0.9324	0.0676	0.6251	0.2503	0.6337
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 131: Detailed results for NBC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0624	0.0647	0.0505	0.0423	0.4162
abalone19		0.4856	0.5144	0.4495	-0.0050	0.0531
abalone9-18		0.5342	0.4658	0.5770	0.0570	0.2924
accelerometer		0.7227	0.2773	0.6070	0.0548	0.1628
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9573	0.0427	0.9151	0.8292	0.3809
adult		0.7340	0.2660	0.7407	0.4321	0.6583
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_KlekotaRothFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_MACCSFingerprinter		0.7222	0.2778	0.4194	-0.1360	0.5913
AID_1878		0.6190	0.3810	0.5827	0.1386	0.7200
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.2222	0.5185	0.4516	0.0490	0.2876
AID1284Morered		0.7778	0.2222	0.6049	0.2044	0.7424
AID1284red		0.7222	0.2778	0.5028	0.0055	0.7605
AID1608Morered		0.7573	0.2427	0.5264	0.0388	0.5151
AID1608red		0.7961	0.2039	0.5006	0.0009	0.5061
AID362red		0.9019	0.0981	0.5226	0.0218	0.2554
AID373AID439red		0.9655	0.0345	0.4912	-0.0003	0.0081
AID373red		0.6123	0.3877	0.5616	0.0014	0.0087
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9238	0.0762	0.4802	-0.0058	0.0704
AID604		0.4950	0.5050	0.5642	0.0040	0.0233
AID604AID644_AllRed		0.9967	0.0033	0.4992	-0.0014	0.3657
AID644Morered		0.4000	0.6000	0.3434	-0.3043	0.9574
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.7737	0.2263	0.5605	0.0015	0.0079
AID687red		0.4282	0.5718	0.4811	-0.0008	0.0218
AID688red		0.6057	0.3943	0.5120	0.0022	0.0734
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.7351	0.2649	0.5844	0.0030	0.0114
AID746red		0.3620	0.6380	0.5513	0.0041	0.0313
aids		0.8122	0.1878	0.7391	0.4776	0.7078
air_pollution		0.4100	0.1686	0.2107	0.0108	0.3696
air-booking		0.8490	0.1510	0.5944	0.1096	0.5821
airline		0.8472	0.1528	0.8440	0.6877	0.5691
alcohol		0.6762	0.1295	0.2472	0.2372	0.4294
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7907	0.2093	0.7679	0.5351	0.7008
anneal		0.9101	0.0360	0.9217	0.8297	0.2237
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9736	0.0264	0.7615	0.3787	0.4329
anuran-family		0.8122	0.0939	0.8106	0.6799	0.3745
anuran-genus		0.8261	0.0435	0.7376	0.7349	0.3176
anuran-species		0.9028	0.0194	0.7997	0.8657	0.1590
anxiety		0.0750	0.2056	0.0694	-0.0410	0.8349
apple-quality		0.6950	0.3050	0.6950	0.3900	0.8275
aps-failure		0.9549	0.0451	0.7537	0.4011	0.4789
arabidopsis		0.8374	0.1626	0.6295	0.0563	0.1226
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9647	0.0353	0.6785	0.2304	0.3636
arabidopsis10%		0.8352	0.1648	0.6232	0.0525	0.1207

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia		0.6222	0.0581	0.3722	0.4321	0.3475
auction		0.7500	0.2500	0.7104	0.3412	0.5827
audiology		0.6522	0.0290	0.2847	0.6009	0.0731
audit-risk		0.9744	0.0256	0.9742	0.9470	0.1562
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9571	0.0429	0.9470	0.8934	0.2857
autism-child		0.7931	0.2069	0.7947	0.5837	0.6596
autos		0.4500	0.1833	0.4768	0.3210	0.3543
avila		0.3067	0.1156	0.4327	0.2234	0.6489
babies		0.4194	0.1659	0.1347	0.0712	0.3794
balance		0.9032	0.0645	0.6222	0.8180	0.1797
bank		0.7543	0.2457	0.6884	0.3025	0.5818
banknote		0.8613	0.1387	0.8594	0.7188	0.5361
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8618	0.1382	0.8493	0.6841	0.4828
basehock		0.9849	0.0151	0.9849	0.9698	0.1049
bio		0.9931	0.0069	0.8327	0.6588	0.5003
bio10%		0.9890	0.0110	0.7898	0.5504	0.5410
biodeg		0.7238	0.2762	0.7602	0.4727	0.6459
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0010	0.0342	0.0000	0.0117
bitcoin1%		0.3587	0.0442	0.0455	0.0086	0.0787
bitcoin10%		0.3456	0.0451	0.0649	0.0160	0.0838
body-perf		0.5448	0.2276	0.5374	0.3930	0.6022
bookings		0.9746	0.0169	0.7201	0.9468	0.0968
brain-tumor		0.5070	0.4930	0.5069	0.0138	0.9956
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5820	0.5644	0.1810
bridges		0.9000	0.0286	0.6767	0.8571	0.0295
bub10at310k-hg16-17		0.6513	0.3487	0.6535	0.1876	0.4508
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae		0.4770	0.3487	0.2785	-0.0238	0.4690
car		0.8793	0.0603	0.6675	0.7448	0.3160
car-insurance		0.8010	0.1990	0.7749	0.5487	0.6908
card		0.8406	0.1594	0.8355	0.6681	0.5759
cardiotocography		0.5822	0.0836	0.6249	0.5300	0.3465
cardiotocography-nsp		0.8169	0.1221	0.7182	0.5842	0.5233
cardiovascular		0.5997	0.4003	0.6200	0.1990	0.8149
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8250	0.1167	0.8000	0.6930	0.3967
cas_N6512_cdk_ECFP2		0.7112	0.2888	0.7083	0.4155	0.8057
cas_N6512_rdkit_ATOMPAIR		0.6338	0.3662	0.6310	0.2420	0.8530
cas_N6512_RDkit_AtomPair_FP		0.6457	0.3543	0.6458	0.2648	0.8245
cas_N6512_rdkit_AVALON		0.7081	0.2919	0.7093	0.4169	0.8051
cas_N6512_RDkit_Avalon_FP		0.7408	0.2592	0.7447	0.4843	0.7495
cas_N6512_rdkit_descriptors		0.6708	0.3292	0.6724	0.3429	0.8506
cas_N6512_rdkit_FEATMORGAN		0.6728	0.3272	0.6776	0.3502	0.8388
cas_N6512_RDkit_Featmorgan_FP		0.7500	0.2500	0.7493	0.4983	0.7500
cas_N6512_RDkit_FP		0.6518	0.3482	0.6586	0.3105	0.8569
cas_N6512_rdkit_LAYERED		0.7015	0.2985	0.7104	0.4099	0.7876
cas_N6512_RDkit_Layered_FP		0.6810	0.3190	0.6890	0.3689	0.8176

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.6851	0.3149	0.6887	0.3734	0.8277
cas_N6512_RDkit_MACCS_FP		0.6948	0.3052	0.7037	0.3967	0.7965
cas_N6512_rdkit_MORGAN		0.7385	0.2615	0.7382	0.4758	0.7665
cas_N6512_RDkit_morgan_FP		0.7301	0.2699	0.7304	0.4597	0.7772
cas_N6512_rdkit_PATTERN		0.6446	0.3554	0.6561	0.3002	0.8484
cas_N6512_RDkit_pattern_FP		0.6718	0.3282	0.6895	0.3567	0.7918
cas_N6512_rdkit_RDKITFP		0.6882	0.3118	0.6974	0.3838	0.8040
cas_N6512_rdkit_TORSION		0.6862	0.3138	0.6828	0.3607	0.8301
ccds		0.7171	0.2829	0.6013	0.0919	0.3109
ccds1%		0.8049	0.1951	0.5918	0.1074	0.3792
ccds10%		0.7315	0.2685	0.6121	0.1033	0.3104
cdc_diabetes		0.7554	0.1631	0.4407	0.2737	0.6109
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7360	0.2763	0.7325	0.4428	0.7439
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9063	0.0937	0.6808	0.3164	0.5558
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.7696	0.2304	0.5966	0.1161	0.4081
CDS49_AID687_Rdkit-ecfp4-fp		0.9918	0.0082	0.5405	0.0657	0.3802
census		0.7579	0.2421	0.6857	0.2377	0.4303
census10%		0.7533	0.2467	0.6888	0.2311	0.4054
central-nervous-system		0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B		0.9419	0.0581	0.8271	0.6362	0.5550
cervical-C		0.8488	0.1512	0.5983	0.1669	0.5605
cervical-H		0.9070	0.0930	0.7839	0.4625	0.5000
cervical-S		0.9419	0.0581	0.8588	0.7051	0.5207
children-anemia		0.4026	0.2987	0.2955	0.0932	0.7663
chrom19		0.9872	0.0128	0.6849	0.1199	0.1703
chrom191%		0.9800	0.0200	0.6885	0.1033	0.1436
chrom1910%		0.9892	0.0108	0.6767	0.1385	0.2056
chrom21		0.8912	0.1088	0.6030	0.0018	0.0046
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9848	0.0152	0.6268	0.0198	0.0367
chronic-kidney		0.9217	0.0783	0.6116	0.1148	0.4393
churn		0.8240	0.1760	0.6984	0.3840	0.6996
churn-bigml		0.8464	0.1536	0.5813	0.1102	0.6447
ci900367j_MACCS		0.7263	0.2737	0.7093	0.4185	0.7965
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.2619	0.4921	0.4047	0.0524	0.5750
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7630	0.1185	0.4899	0.6128	0.3305
climate		0.8704	0.1296	0.7868	0.4765	0.5131
cll_sub_111		0.6667	0.2222	0.6933	0.4667	0.4938
cm1		0.7400	0.2600	0.5000	0.0000	0.6497
cmc		0.4558	0.3628	0.4563	0.1761	0.7626
cnae-9		0.9722	0.0062	0.9733	0.9688	0.0314
codon_usage		0.5549	0.0809	0.5275	0.4701	0.4321
coil20		0.9167	0.0083	0.9252	0.9123	0.0525
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.5200	0.0640	0.4902	0.4702	0.2575
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.6897	0.3103	0.6845	0.3680	0.8334
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.8710	0.1290	0.8634	0.7195	0.5250
column-3c		0.8065	0.1290	0.7790	0.6890	0.2725

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5345	0.4723	0.5371	0.0313	0.7866
comedy_comparisons1%		0.5101	0.4899	0.5060	0.0117	0.9885
comedy_comparisons10%		0.5591	0.4409	0.5574	0.1144	0.9610
connect-4		0.9498	0.0335	0.6224	0.4233	0.5004
cottonmeloidogyne		0.7812	0.2188	0.7816	0.5626	0.6968
coupon		0.6175	0.3825	0.6211	0.2386	0.8968
covid19		0.5219	0.1366	0.2013	0.1357	0.5619
covtype		0.5507	0.1284	0.5039	0.3283	0.5546
covtype10%		0.5647	0.1244	0.5011	0.3447	0.5890
covtypeCD		0.9463	0.0537	0.8805	0.7577	0.3777
covtypeT		0.9244	0.0756	0.7551	0.5016	0.6076
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9993	0.0007	0.8958	0.7913	0.3225
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8332	0.0556	0.6547	0.6858	0.4825
cryotherapy		0.7778	0.2222	0.8000	0.5263	0.4308
cultivars		0.4062	0.0297	0.2813	0.3896	0.0853
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.1624	-0.0089	0.8912
cyclopentane		0.6296	0.3704	0.6326	0.2623	0.8892
cylinder-bands		0.7037	0.2963	0.7024	0.3504	0.6949
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.6154	0.3846	0.6717	0.1772	0.3467
dating		0.0998	0.1800	0.1002	-0.0001	0.9227
day1%		0.6178	0.3647	0.6235	0.2533	0.8405
dbworld		0.8571	0.1429	0.8750	0.7200	0.4011
default		0.6903	0.3097	0.6620	0.2964	0.7450
defect		0.8951	0.1049	0.7828	0.4816	0.3221
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8536	0.1464	0.6632	0.3257	0.7055
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.6525	0.4146	0.3469
dexter		0.9000	0.1000	0.9036	0.8000	0.3911
df_final		0.6875	0.2083	0.7296	0.5181	0.4007
DIA		0.7167	0.2833	0.6471	0.2917	0.8145
diabetes		0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k		0.9128	0.0872	0.5987	0.1157	0.5051
diabetes-risk		0.8541	0.1459	0.7519	0.4743	0.5795
diabetic		0.5619	0.2921	0.4278	0.1888	0.7006
diabetic1%		0.5588	0.2941	0.3685	0.1533	0.5355
diabetic10%		0.5403	0.3065	0.3962	0.1422	0.6835
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.5287	0.1885	0.4382	0.3346	0.6478
dishonest		0.9062	0.0938	0.8890	0.7757	0.4232
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9218	0.0782	0.5929	0.0293	0.0804
dna1%		0.8555	0.1445	0.6415	0.0274	0.0515
dna10%		0.9691	0.0309	0.6189	0.0844	0.1773
dorothea		0.9043	0.0957	0.6645	0.3061	0.6194
dota2		0.5948	0.4052	0.5945	0.1889	0.9323
dota210%		0.5699	0.4301	0.5689	0.1377	0.9535
drebin		0.9242	0.0758	0.9232	0.8418	0.3602
dropout		0.6998	0.2001	0.6213	0.4990	0.5485

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-01			0.2819	0.2052	0.2187	0.0275	0.7038
drug-02			0.5213	0.1368	0.3505	0.3138	0.5254
drug-03			0.4628	0.1535	0.2011	0.1317	0.5504
drug-04			0.4947	0.1444	0.1114	0.0357	0.4048
drug-05			0.5266	0.1353	0.1677	0.1026	0.4566
drug-06			0.3564	0.1839	0.2546	0.2210	0.6174
drug-07			0.3564	0.1839	0.1534	0.0703	0.4624
drug-08			0.4415	0.1596	0.1696	0.1292	0.4367
drug-09			0.6117	0.1109	0.2478	0.1853	0.3575
drug-10			0.5372	0.1322	0.1662	0.2120	0.3614
drug-11			0.8511	0.0426	0.1314	0.0000	0.1240
drug-12			0.6117	0.1109	0.1912	0.1978	0.3594
drug-13			0.5851	0.1185	0.2044	0.2801	0.6819
drug-14			0.5479	0.1292	0.3350	0.2895	0.7233
drug-15			0.5745	0.1216	0.1626	0.1434	0.3366
drug-16			0.6170	0.1094	0.3286	0.3876	0.3464
drug-17			0.3404	0.1885	0.2578	0.1487	0.6906
drug-18			0.7128	0.1149	0.1670	0.0127	0.1056
drug-19			0.5106	0.1398	0.2104	0.1576	0.3188
drybean			0.8935	0.0304	0.9051	0.8713	0.1570
ecoli			0.5882	0.1029	0.2579	0.4174	0.2297
ecoliCP-IM			0.9545	0.0455	0.9519	0.8991	0.1675
ecoliM			0.6364	0.3636	0.7288	0.3444	0.5239
ecoliMU			0.6667	0.3333	0.6965	0.2390	0.4064
ecoliOM			0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce			0.3000	0.3500	0.3013	0.0665	0.8142
eeg			0.2294	0.0963	0.2403	0.1652	0.7793
eeg-eye			0.5728	0.4272	0.5896	0.1676	0.9028
eeg10%			0.1472	0.1066	0.2384	0.1055	0.5927
email_phishing			0.9867	0.0133	0.4967	-0.0000	0.0618
eucalyptus			0.4247	0.2301	0.4085	0.2591	0.6515
euthyroid			0.6013	0.3987	0.6334	0.1553	0.4502
exon.vs.intron-freq			0.9136	0.0864	0.9145	0.8260	0.3703
exon.vs.intron-freq10%			0.9115	0.0885	0.9127	0.8217	0.3734
fakenews			0.5425	0.4575	0.5422	0.0842	0.9727
farm-ads			0.8865	0.1135	0.8861	0.7721	0.4709
fbis-wc			0.7642	0.0277	0.7419	0.7354	0.2192
fertility			0.2000	0.8000	0.1667	-0.2121	0.4673
finance			0.4510	0.5490	0.4360	-0.1262	1.0000
financial-risk			0.7150	0.0950	0.4690	0.5257	0.4080
fishcatch			0.8750	0.0417	0.9249	0.8462	0.0696
flags			0.2000	0.2000	0.2335	0.0725	0.3978
fonts			0.1661	0.0109	0.0778	0.1527	0.8861
fonts10%			0.1139	0.0116	0.0503	0.0994	0.9978
forest			0.8846	0.0577	0.8587	0.8418	0.1766
gas			0.6377	0.1208	0.6516	0.5649	0.3927
gastrointestinal			0.5625	0.2917	0.6672	0.3373	0.3464
gender			0.4926	0.3382	0.4656	0.1059	0.5461
gene			0.8991	0.0673	0.8873	0.8385	0.2830
german			0.6900	0.3100	0.6528	0.3049	0.8513
gestures			0.8878	0.0561	0.8884	0.8505	0.2149
gina			0.7925	0.2075	0.7933	0.5841	0.6706
gisette			0.9229	0.0771	0.9244	0.8457	0.3409
glass			0.5238	0.1587	0.5721	0.3694	0.3821
glass-g2			0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP			0.6667	0.3333	0.7483	0.3951	0.5223
glassBWNFP			0.5714	0.4286	0.6981	0.2703	0.5297
glassContainers			0.9091	0.0909	0.7250	0.4500	0.6330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.2381	0.7619	0.5625	0.0233	0.1510
GlaucomaM		0.6842	0.3158	0.6833	0.3667	0.8414
gli_85		0.6250	0.3750	0.7241	0.3333	0.5239
glioma		0.6000	0.2000	0.5000	0.4118	0.2785
glioma-grade		0.8690	0.1310	0.8707	0.7360	0.5042
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.3839	0.1329	0.6032
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.6667	0.3333	0.5739	0.1477	0.8809
hapt		0.7758	0.0374	0.6939	0.7366	0.2612
har		0.5148	0.1941	0.5623	0.4012	0.5505
har70		0.8124	0.0536	0.5068	0.7371	0.2332
har701%		0.8181	0.0520	0.5092	0.7452	0.2240
har7010%		0.8171	0.0522	0.5095	0.7435	0.2287
harth		0.7753	0.0374	0.4013	0.6943	0.2578
harth1%		0.7788	0.0369	0.3981	0.6992	0.2585
harth10%		0.7740	0.0377	0.4031	0.6925	0.2600
hayes-roth		0.5000	0.3333	0.5303	0.2000	0.6258
hcc-survival		0.7059	0.2941	0.6916	0.3511	0.7534
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8387	0.1613	0.8369	0.6723	0.5819
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8280	0.1720	0.8041	0.6075	0.6416
heart-quantum		0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis		0.8000	0.2000	0.8077	0.5455	0.5283
hepmass		0.7990	0.2010	0.8016	0.5980	0.6492
hepmass1%		0.8025	0.1975	0.8044	0.6045	0.6459
hepmass10%		0.7764	0.2236	0.7764	0.5526	0.7066
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.9110	0.8060	0.4011
higgs		0.6029	0.3971	0.6024	0.1804	0.8642
higgs0.1%		0.6164	0.3836	0.6149	0.2115	0.8704
higgs1%		0.6009	0.3991	0.5994	0.1757	0.8691
higgs10%		0.6030	0.3970	0.6032	0.1815	0.8624
higher		0.2143	0.1964	0.1174	0.0667	0.3299
hinselmann		0.4000	0.6000	0.4477	-0.0714	0.7225
hitters		0.8750	0.1250	0.8765	0.7470	0.4704
hiv1-proteasa		0.8853	0.1147	0.8324	0.6494	0.5730
hiva		0.8889	0.1111	0.5815	0.1300	0.4846
horse		0.6111	0.2593	0.5766	0.3522	0.6744
hotel-reservartions		0.7533	0.2467	0.7044	0.3983	0.7583
hr		0.8386	0.1614	0.5152	0.0211	0.7166
ht-sensor		0.6056	0.2630	0.6220	0.4134	0.5535
ht-sensor10%		0.5986	0.2676	0.6159	0.4033	0.5575
htru2		0.9486	0.0514	0.8648	0.7231	0.5010
hypothyroid		0.8276	0.0862	0.3911	0.3131	0.3818
hypothyroidT		0.8435	0.1565	0.6931	0.3313	0.5827
ilpd		0.5254	0.4746	0.6093	0.1648	0.7308
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.8707	0.0647	0.8810	0.8276	0.1574
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8421	0.0121	0.8441	0.8358	0.1219

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.6915	0.3085	0.6224	0.2268	0.7596
jvowels		0.8544	0.0324	0.8475	0.8350	0.1953
kc1		0.6540	0.3460	0.6214	0.1954	0.6584
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.5714	0.0357	0.0570	0.2500	0.1474
kc1-class-level-top5percentDF		0.7333	0.2667	0.4231	-0.1111	0.4921
kc2		0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007		0.8579	0.0355	0.7530	0.8341	0.2120
kddcup98		0.8091	0.1909	0.5403	0.0581	0.4715
kddcup981%		0.8526	0.1474	0.5961	0.1582	0.5361
kddcup9810%		0.6649	0.3351	0.4850	-0.0142	0.3591
kddcup99		0.9915	0.0007	0.4372	0.9855	0.2201
kddcup991%		0.9354	0.0056	0.4304	0.8931	0.1509
kddcup9910%		0.9442	0.0049	0.5179	0.9073	0.3037
kepler		0.8243	0.1172	0.7865	0.7085	0.2062
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.2386	0.0762	0.2380	0.1604	0.5236
krvskp		0.8966	0.1034	0.8963	0.7926	0.4423
la1s-wc		0.8444	0.0519	0.8124	0.8035	0.2727
la2s-wc		0.8576	0.0475	0.8411	0.8206	0.2467
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.6765	0.0162	0.3657	0.6597	0.0656
led24		0.7000	0.0600	0.6964	0.6620	0.1283
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.6340	0.0282	0.6394	0.6193	0.3248
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.7500	0.0333	0.7586	0.7316	0.0918
linkage		0.9997	0.0003	0.9790	0.9579	0.1237
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.9999	0.0001	0.9904	0.9809	0.0645
liver		0.5588	0.4412	0.6542	0.2296	0.6816
loan		0.9438	0.0562	0.9401	0.8801	0.2976
localization		0.1623	0.1523	0.1768	0.0876	0.5919
localization10%		0.2445	0.1374	0.1235	0.0566	0.9470
lrs		0.7925	0.0415	0.4678	0.7181	0.1817
lung		0.9048	0.0381	0.9344	0.8359	0.1342
lung_discrete		0.8750	0.0357	0.6429	0.8431	0.0553
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.7857	0.1071	0.6342	0.6147	0.2542
lymphoma2		0.8889	0.0247	0.6525	0.8594	0.0000
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5885	0.4115	0.5892	0.1769	0.9339
magic04		0.7654	0.2346	0.7398	0.4792	0.7454
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8482	0.6891	0.5486
marketing		0.8795	0.1205	0.7397	0.4741	0.6314
maternal		0.5743	0.2838	0.5643	0.3351	0.5475
math		0.6000	0.2000	0.5365	0.3798	0.5992
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.2233	0.3107	0.2223	0.0274	0.8452

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6000	0.4000	0.5970	0.1936	0.9252
meter-A			0.3750	0.6250	0.4248	-0.1111	0.9210
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.6111	0.1944	0.5907	0.4728	0.2675
meter-D			0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac			0.9300	0.0140	0.9311	0.9222	0.0807
mfeat-fou			0.7400	0.0520	0.7380	0.7111	0.2138
mfeat-kar			0.9400	0.0120	0.9414	0.9333	0.0737
mfeat-mor			0.6000	0.0800	0.6185	0.5556	0.2512
mfeat-pix			0.9400	0.0120	0.9407	0.9333	0.0677
mfeat-zer			0.7200	0.0560	0.7262	0.6889	0.2281
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.9245	0.0503	0.9244	0.8857	0.1689
mines			0.4412	0.2235	0.4715	0.3009	0.4162
mobile			0.7727	0.0081	0.7907	0.7686	0.1017
monks-1			0.6909	0.3091	0.7428	0.3746	0.4896
monks-2			0.6557	0.3443	0.3960	0.0000	0.4711
monks-3			0.9107	0.0893	0.9178	0.8223	0.3018
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.9951	0.0049	0.9951	0.9902	0.0387
music			0.4406	0.1017	0.4344	0.3089	0.5367
musk			0.8470	0.1530	0.7293	0.4558	0.6868
MUT_ci300400a_cdk_ECFP2			0.7686	0.2314	0.7601	0.5192	0.7244
MUT_ci300400a_cdk_ECFP4			0.7461	0.2539	0.7459	0.4882	0.7486
MUT_ci300400a_cdk_ECFP6			0.7234	0.2766	0.7250	0.4451	0.7767
MUT_ci300400a_cdk_ESTATE			0.6727	0.3273	0.6641	0.3283	0.8580
MUT_ci300400a_cdk_EXTENDED			0.7146	0.2854	0.7151	0.4263	0.7913
MUT_ci300400a_cdk_FCFP2			0.7293	0.2707	0.7186	0.4359	0.7854
MUT_ci300400a_cdk_FCFP4			0.7386	0.2614	0.7302	0.4603	0.7733
MUT_ci300400a_cdk_FCFP6			0.7470	0.2530	0.7509	0.4944	0.7356
MUT_ci300400a_cdk_MACCS			0.6978	0.3022	0.6921	0.3837	0.8252
MUT_ci300400a_cdk_PUBCHEM			0.7198	0.2802	0.7125	0.4250	0.7991
MUT_ci300400a_cdk_STANDARD			0.6934	0.3066	0.6914	0.3805	0.8238
MUT_ci300400a_rdkit_descriptors			0.6905	0.3095	0.6872	0.3735	0.8318
myocardial			0.6471	0.0882	0.2537	0.2101	0.6832
naticusdroid			0.9311	0.0689	0.9313	0.8623	0.3325
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.6667	0.0741	0.4444	0.6129	0.0312
ncRNA			0.3390	0.0696	0.2650	0.1651	0.2445
ncRNA1%			0.4674	0.0561	0.2328	0.2528	0.5128
ncRNA10%			0.3983	0.0633	0.2064	0.1571	0.3609
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.7038	0.0135	0.7056	0.6949	0.2517
newspop			0.6345	0.3655	0.6349	0.2692	0.8935
NHANES_age_prediction			0.9604	0.0396	0.9237	0.8462	0.2902
nomao			0.8305	0.1695	0.8268	0.6308	0.5818
NPHA-doctor-visits			0.4028	0.3981	0.3096	-0.0636	0.7980
nursery			0.8850	0.0460	0.6635	0.8323	0.1845
obesity			0.5071	0.1408	0.4846	0.4230	0.4715
obs			0.7037	0.1481	0.7503	0.5859	0.3576
occupancy			0.9635	0.0365	0.9535	0.9027	0.2760
Occupancy_Estimation			0.9585	0.0207	0.8958	0.8773	0.1670
oh0-wc			0.8416	0.0317	0.8322	0.8191	0.1487
oh10-wc			0.7143	0.0571	0.6796	0.6753	0.2759
oh15-wc			0.6957	0.0609	0.6863	0.6548	0.2944
oh5-wc			0.7692	0.0462	0.7766	0.7417	0.2085

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ohscal-wc		0.7312	0.0538	0.7150	0.6988	0.3341
olive		0.9649	0.0078	0.9554	0.9565	0.0249
opn310k		0.6294	0.3706	0.6509	0.1766	0.4339
opn310k10%		0.6416	0.3584	0.6473	0.1751	0.4411
opnat310k-hg16-17		0.6396	0.3604	0.6513	0.1808	0.4428
optdigits		0.8915	0.0217	0.8972	0.8793	0.1366
optdigitsZ		0.9680	0.0320	0.9164	0.8246	0.4154
orl		0.9250	0.0037	0.9059	0.9231	0.0126
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr		0.8458	0.1542	0.7217	0.2722	0.3746
ozone8hr		0.7668	0.2332	0.6190	0.1770	0.5281
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7320	0.2680	0.7467	0.4657	0.7035
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8730	0.1270	0.8809	0.7481	0.4435
p53-mutants		0.8647	0.1353	0.6651	0.0572	0.0919
p53-mutants10%		0.9013	0.0987	0.6686	0.0548	0.0847
page-blocks		0.9159	0.0336	0.6900	0.5908	0.5727
parkinson		0.8750	0.1250	0.8706	0.7355	0.4757
parkinsons		0.7820	0.2180	0.7753	0.5479	0.7005
parkinsons-small		0.6316	0.3684	0.7286	0.3448	0.5271
particle		0.8233	0.1767	0.7712	0.5374	0.6562
particle10%		0.8115	0.1885	0.7587	0.5151	0.6872
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.8468	0.1532	0.5587	0.1112	0.6399
pcmac		0.4691	0.5309	0.4431	-0.1130	1.0000
pcos		0.9400	0.0600	0.9219	0.8315	0.3833
pd		0.8026	0.1974	0.7617	0.5161	0.6933
pediatric-leukemia		0.7941	0.0588	0.7280	0.7457	0.1749
pendigits		0.8835	0.0233	0.8873	0.8706	0.1332
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.8076	0.1924	0.7987	0.5962	0.6608
personalities		0.9078	0.0115	0.9079	0.9017	0.1391
pet-adoption		0.8900	0.1100	0.8747	0.7349	0.3974
phishing		0.9061	0.0939	0.9013	0.8027	0.4233
PhiUSIIL		0.9967	0.0033	0.9967	0.9933	0.0313
PhiUSIIL10%		0.9936	0.0064	0.9935	0.9870	0.0548
phone-acc		1.0000	0.0015	0.9896	1.0000	0.0099
phone-acc0.1%		0.4793	0.1488	0.4685	0.3921	0.5299
phone-acc1%		0.5078	0.1406	0.4915	0.4246	0.5195
phone-acc10%		0.4893	0.1459	0.4725	0.4027	0.5377
phone-gyr		0.9816	0.0001	1.0000	1.0000	0.0012
phone-gyr0.1%		0.5384	0.1319	0.5241	0.4592	0.4584
phone-gyr1%		0.5679	0.1235	0.5521	0.4938	0.4335
phone-gyr10%		0.3696	0.1801	0.3800	0.2630	0.6146
phoneme		0.7759	0.2241	0.7513	0.4933	0.7141
phy		0.6782	0.3218	0.6785	0.3566	0.8468
pima		0.6974	0.3026	0.6716	0.3235	0.8000
pirvision		0.9399	0.0401	0.9252	0.8320	0.2229
placement		0.7790	0.2210	0.7758	0.5507	0.7044
plant-growth		0.8421	0.1579	0.8444	0.6851	0.5655
plrx		0.6667	0.3333	0.4000	-0.1020	0.8617
poker		0.3869	0.1226	0.1177	0.0011	0.8514
poker1%		0.4010	0.1198	0.1020	0.0129	0.6234
poker10%		0.4041	0.1192	0.0979	-0.0016	0.7076
polish-1st		0.9203	0.0797	0.5129	0.0255	0.5990
polish-2nd		0.9341	0.0659	0.5116	0.0228	0.6378
polish-3rd		0.9486	0.0514	0.4868	-0.0071	0.4090

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.5337	0.4663	0.5765	0.0553	0.2850
polish-5th			0.9289	0.0711	0.6577	0.2892	0.5859
polya			0.7330	0.2670	0.7146	0.4285	0.7861
popularity			0.5823	0.2784	0.4752	0.2431	0.7023
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.7321	0.1071	0.7341	0.6653	0.3497
pred-tox_mutagen_ref-desc			0.6618	0.3382	0.6624	0.3235	0.8639
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4242	0.0523	0.1858	0.3749	0.2025
processed			0.6627	0.3373	0.6688	0.3183	0.7994
profb			0.4925	0.5075	0.5397	0.0664	0.8575
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE			0.5455	0.4545	0.5345	0.0678	0.9704
puc-rio			0.7688	0.0925	0.6565	0.6854	0.3497
puc-rio10%			0.7731	0.0908	0.6505	0.6913	0.3268
pufs-128			0.5112	0.5045	0.4995	-0.0035	1.0000
pufs-1281%			0.5080	0.4920	0.5080	0.0160	0.9953
pufs-12810%			0.4998	0.5002	0.4998	-0.0004	1.0000
pufs-64			0.5022	0.4978	0.5022	0.0044	0.9979
pufs-641%			0.5029	0.4971	0.5029	0.0058	0.9983
pufs-6410%			0.5017	0.4983	0.5017	0.0033	0.9990
pulsar			0.9513	0.0487	0.8592	0.7179	0.4764
raisin			0.8444	0.1556	0.8458	0.6889	0.5627
rcv1			0.6081	0.0143	0.2161	0.5475	0.2469
rcv11%			0.6519	0.0131	0.3401	0.6206	0.4878
rcv110%			0.7177	0.0107	0.4545	0.6913	0.8268
re0-wc			0.6467	0.0544	0.5451	0.5595	0.4943
re1-wc			0.6446	0.0284	0.5942	0.6096	0.3313
rejafada			0.9648	0.0352	0.7584	0.5151	0.5633
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.7277	0.0084	0.3649	0.6531	1.0000
rice			0.9802	0.0198	0.9803	0.9599	0.1108
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5341	0.4659	0.6563	0.1787	0.5749
RT_IOT2022			0.9528	0.0079	0.7710	0.8819	0.0660
satimage			0.7838	0.0721	0.7727	0.7361	0.2758
satimageF			0.9798	0.0202	0.9463	0.8910	0.1828
satimageT			0.8305	0.1695	0.7549	0.4342	0.5652
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5908	0.1765	0.9230
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8269	0.1731	0.5263	0.0462	0.5790
secondary_mushroom			0.7889	0.2111	0.7894	0.5767	0.6807
seeds			0.8571	0.0952	0.8631	0.7857	0.2706
segment			0.7879	0.0606	0.8329	0.7520	0.1551
segmentation			0.7277	0.2723	0.7191	0.4329	0.7757
segmentO			0.8052	0.1948	0.7840	0.4906	0.5533
seismic			0.7907	0.2093	0.6582	0.2281	0.4950
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.7158	0.2842	0.5389	0.0715	0.7159
sens-10-gram			0.7034	0.2966	0.5932	0.1597	0.6754
sens-2-gram			0.7816	0.2184	0.5971	0.1888	0.7354
sens-3-gram			0.7553	0.2447	0.6354	0.2436	0.6823
sens-4-gram			0.7237	0.2763	0.5690	0.1250	0.7045
sens-5-gram			0.7421	0.2579	0.5917	0.1680	0.7053
sens-6-gram			0.6763	0.3237	0.5579	0.0970	0.6709

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.6263	0.3737	0.6011	0.1467	0.5961
sens-8-gram			0.4474	0.5526	0.5089	0.0099	0.5451
sens-9-gram			0.7158	0.2842	0.5774	0.1371	0.6919
sensorless			0.7550	0.0445	0.7579	0.7305	0.1832
sepsis			0.5318	0.4682	0.5180	0.0188	0.4586
shoppers			0.7721	0.2279	0.7417	0.4178	0.6070
shuttle			0.7286	0.0775	0.5757	0.4441	0.4070
sick			0.7719	0.2281	0.6327	0.1861	0.4888
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9317	0.0683	0.9148	0.8150	0.3990
skin10%			0.9363	0.0637	0.9196	0.8262	0.3869
smarket			0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming			0.2000	0.4000	0.1894	-0.0650	0.8613
smk_can_187			0.5263	0.4737	0.5278	0.0552	0.9801
smoking			0.7166	0.2834	0.7001	0.3995	0.8064
soil_pollution			0.2100	0.3160	0.2108	0.0106	0.8596
solar-flare			0.7338	0.0887	0.6480	0.6616	0.2455
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.9118	0.0093	0.9601	0.9039	0.0293
spam-detection			0.9385	0.0615	0.7973	0.5864	0.4928
spambase			0.8587	0.1413	0.8606	0.7135	0.5264
spect			0.6667	0.3333	0.6421	0.2569	0.7546
spectf			0.7714	0.2286	0.8077	0.5484	0.5164
spectrometer			0.4717	0.0220	0.2349	0.4429	0.1462
splice-EI			0.9180	0.0820	0.9100	0.8038	0.3968
splice-IE			0.8139	0.1861	0.8228	0.5918	0.5348
sport-articles			0.8500	0.1500	0.8425	0.6835	0.5745
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7175	0.1884	0.6825	0.5478	0.4992
steel-b			0.6308	0.3692	0.6677	0.2681	0.6584
steel-d			0.7795	0.2205	0.6175	0.1085	0.2968
steel-k			0.9641	0.0359	0.9438	0.8846	0.1919
steel-o			0.5641	0.4359	0.6659	0.2402	0.6540
steel-p			0.7026	0.2974	0.7048	0.2550	0.4085
steel-s			0.9897	0.0103	0.9348	0.8697	0.2729
steel-z			0.8462	0.1538	0.7639	0.4568	0.5669
stellar			0.7223	0.1851	0.7044	0.4765	0.4214
stock			0.8611	0.1389	0.7518	0.5007	0.6469
stockb			0.9604	0.0264	0.9615	0.9405	0.1093
streaming			0.8260	0.1740	0.8268	0.6513	0.6082
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5250	0.1900	0.3050	0.2722	0.4675
student-depression			0.7792	0.2208	0.7698	0.5347	0.6966
student-habits			0.4400	0.2240	0.2030	0.1091	0.4542
student-weekend			0.3231	0.2708	0.2834	0.1076	0.7595
student-workday			0.6250	0.1500	0.2021	0.1933	0.7103
studentap			0.7692	0.1538	0.7528	0.6455	0.3468
susy			0.7323	0.2677	0.7353	0.4466	0.7171
susy1%			0.7384	0.2616	0.7418	0.4594	0.7066
susy10%			0.7317	0.2683	0.7345	0.4455	0.7196
swarm_aligned			0.7014	0.2986	0.7375	0.4230	0.6687
swarm_flocking			0.8110	0.1890	0.8154	0.6220	0.6134
swarm_grouped			0.9996	0.0004	0.9996	0.9991	0.0060
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8324	0.1676	0.8000	0.5952	0.6423
texture			0.8127	0.0340	0.8252	0.7935	0.2011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.9967	0.0033	0.9966	0.9933	0.0238
thoracic			0.7021	0.2979	0.5259	0.0491	0.7583
thrombin			0.9476	0.0524	0.6547	0.2637	0.5022
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			0.7263	0.2737	0.6810	0.3578	0.8063
tis			0.8527	0.1473	0.8264	0.6412	0.5937
tis10%			0.8134	0.1866	0.7513	0.5025	0.7018
titanic			0.7364	0.2636	0.7103	0.4184	0.7820
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.7059	0.1471	0.7208	0.6101	0.2469
toxicity			0.5882	0.4118	0.6439	0.2420	0.7707
toxicity-13f			0.8235	0.1765	0.8020	0.5984	0.6209
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7067	0.2933	0.5043	0.0072	0.8694
trec11-wc			0.8049	0.0434	0.8044	0.7690	0.1590
trec12-wc			0.8710	0.0323	0.8870	0.8428	0.0894
trec21-wc			0.6667	0.1111	0.6854	0.5242	0.1802
trec23-wc			0.6667	0.1111	0.8107	0.5836	0.2600
trec31-wc			0.9462	0.0154	0.8085	0.9285	0.0821
trec41-wc			0.8636	0.0273	0.8684	0.8373	0.1654
trec45-wc			0.7971	0.0406	0.7976	0.7681	0.2186
tuandromd			0.9552	0.0448	0.9287	0.8560	0.2794
turkish			0.7750	0.1125	0.7799	0.7000	0.3038
tvnews			0.8062	0.1938	0.7963	0.5909	0.6639
tvnews1%			0.8308	0.1692	0.8159	0.6303	0.6138
tvnews10%			0.7972	0.2028	0.7954	0.5828	0.6600
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7313	0.0597	0.7674	0.6852	0.2081
urinalysis			0.9021	0.0979	0.6674	0.3149	0.6086
url-rep1%			0.9194	0.0806	0.9087	0.8162	0.3798
ustilago			0.8661	0.1339	0.6538	0.0932	0.1700
ustilago1%			0.9837	0.0163	0.5792	0.1584	0.5589
ustilago10%			0.8931	0.1069	0.6436	0.1097	0.2145
vehicle			0.5119	0.2440	0.5095	0.3507	0.5767
vehicleVAN			0.7381	0.2619	0.6056	0.2000	0.8231
voice			0.7500	0.2500	0.7989	0.5263	0.5112
vote			0.9535	0.0465	0.9555	0.9071	0.2027
vowel			0.5859	0.0753	0.6258	0.5444	0.2002
vowelZ			0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17			0.7809	0.2191	0.6936	0.3026	0.5471
wap-wc			0.7244	0.0276	0.6421	0.6969	0.2030
warpar10p			0.8462	0.0308	0.7560	0.8255	0.0452
warppie10p			0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc			0.5235	0.1361	0.5113	0.4399	0.4852
watch-acc1%			0.5177	0.1378	0.5089	0.4331	0.4685
watch-acc10%			0.5260	0.1354	0.5130	0.4428	0.4824
watch-gyr			0.4781	0.1491	0.4861	0.3881	0.5155
watch-gyr1%			0.4563	0.1553	0.4661	0.3621	0.5160
watch-gyr10%			0.4768	0.1495	0.4867	0.3865	0.5113
water_pollution			0.2500	0.3750	0.2489	-0.0001	0.8669
waveform			0.8220	0.1187	0.8353	0.7330	0.3139
weather-related			0.9519	0.0087	0.9537	0.9456	0.0716
web-phishing			0.8074	0.1284	0.6420	0.6507	0.4980
Weekly			0.9259	0.0741	0.9286	0.8519	0.3252
weight-lift			0.3664	0.2535	0.3576	0.1874	0.6808
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.8986	0.1014	0.6553	0.2808	0.5805
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4969	0.1677	0.2447	0.2260	0.5853
winequality-white			0.4233	0.1648	0.2752	0.1873	0.6252
winnipeg			0.9204	0.0227	0.8862	0.9001	0.1979
winnipeg10%			0.9285	0.0204	0.8931	0.9100	0.1840
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.7500	0.0333	0.7667	0.7322	0.0678
yeast			0.5270	0.0946	0.2943	0.3884	0.4460
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.8581	0.1419	0.7136	0.2405	0.3372
yeastME1			0.8851	0.1149	0.7292	0.2877	0.3783
yeastME2			0.8514	0.1486	0.6753	0.2576	0.4772
zip			0.7849	0.0430	0.7747	0.7591	0.2437

Table 132: Detailed results for NC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1055	0.0617	0.0583	0.0502	0.5771
abalone19		0.6411	0.3589	0.4939	-0.0009	0.0621
abalone9-18		0.6575	0.3425	0.6131	0.1085	0.3454
accelerometer		0.7752	0.2248	0.6560	0.0986	0.1864
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9543	0.0457	0.9006	0.7804	0.1365
adult		0.7533	0.2467	0.7564	0.4656	0.6453
advanced-iot		0.9470	0.0177	0.9533	0.9364	0.0403
AID_1431		0.3651	0.6349	0.4345	-0.0498	0.4083
AID_1431_KlekotaRothFingerprinter		0.7937	0.2063	0.4797	-0.0387	0.6616
AID_1431_MACCSFingerprinter		0.5238	0.4762	0.4385	-0.0639	0.4662
AID_1878		0.6476	0.3524	0.5659	0.1184	0.7590
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.3535	0.4310	0.3759	0.0555	0.3297
AID1284Morered		0.6944	0.3056	0.5563	0.1000	0.7073
AID1284red		0.6667	0.3333	0.6035	0.1660	0.6472
AID1608Morered		0.8058	0.1942	0.5906	0.1459	0.5531
AID1608red		0.7864	0.2136	0.5488	0.0706	0.4893
AID362red		0.8949	0.1051	0.5204	0.0185	0.2434
AID373AID439red		0.9199	0.0801	0.4791	-0.0003	0.0042
AID373red		0.7135	0.2865	0.5805	0.0027	0.0108
AID439Morered		0.8571	0.1429	0.8250	0.5882	0.5283
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.8948	0.1052	0.4722	-0.0059	0.0554
AID604		0.6960	0.3040	0.5859	0.0093	0.0346
AID604AID644_AllRed		0.7630	0.2370	0.5232	0.0008	0.0124
AID644Morered		0.6000	0.4000	0.5238	0.0476	0.9294
AID644red		0.6000	0.4000	0.5238	0.0476	0.9294
AID687AID721red		0.8010	0.1990	0.5658	0.0018	0.0086
AID687red		0.6625	0.3375	0.5783	0.0064	0.0275
AID688red		0.5649	0.4351	0.5116	0.0019	0.0692
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.5556	0.4444	0.5303	0.0526	0.7987
AID746AID1284red		0.7960	0.2040	0.6211	0.0061	0.0141
AID746red		0.6564	0.3436	0.5829	0.0130	0.0519
aids		0.8122	0.1878	0.7707	0.5337	0.6796
air_pollution		0.0933	0.2590	0.1253	-0.0146	0.7561
air-booking		0.6988	0.3012	0.6519	0.2523	0.6505
airline		0.8324	0.1676	0.8301	0.6601	0.6032
alcohol		0.6762	0.1295	0.3721	0.3811	0.6564
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8326	0.1674	0.8273	0.6483	0.6024
anneal		0.8989	0.0404	0.9122	0.8110	0.2402
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.7232	0.2768	0.6441	0.0413	0.0797
anuran-family		0.7942	0.1029	0.7009	0.6563	0.4196
anuran-genus		0.8067	0.0483	0.6991	0.7103	0.3369
anuran-species		0.9028	0.0194	0.7814	0.8654	0.1648
anxiety		0.0750	0.2056	0.1030	-0.0414	0.8046
apple-quality		0.6350	0.3650	0.6352	0.2700	0.8944
aps-failure		0.9750	0.0250	0.7803	0.5206	0.5468
arabidopsis		0.8236	0.1764	0.6287	0.0521	0.1149
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9673	0.0327	0.6827	0.2452	0.3799
arabidopsis10%		0.8310	0.1690	0.6229	0.0512	0.1183

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia		0.6444	0.0547	0.5595	0.5197	0.2896
auction		0.7402	0.2598	0.6948	0.3154	0.5930
audiology		0.7826	0.0181	0.3539	0.7473	0.0407
audit-risk		0.8846	0.1154	0.8861	0.7466	0.3073
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9429	0.0571	0.9311	0.8601	0.3467
autism-child		0.9310	0.0690	0.9354	0.8626	0.2605
autos		0.5500	0.1500	0.4791	0.4118	0.4148
avila		0.3277	0.1120	0.3486	0.2247	0.8118
babies		0.2903	0.2028	0.1934	0.1276	0.6119
balance		0.8387	0.1075	0.8188	0.7410	0.2939
bank		0.8182	0.1818	0.7099	0.3770	0.6308
banknote		0.8467	0.1533	0.8459	0.6912	0.5691
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8571	0.1429	0.8447	0.6716	0.4822
basehock		0.9548	0.0452	0.9550	0.9096	0.2432
bio		0.9959	0.0041	0.8684	0.7068	0.1066
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.7905	0.2095	0.7936	0.5761	0.6591
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0052	0.0686	0.0529	0.0016	0.2556
bitcoin1%		0.0103	0.0683	0.0373	0.0015	0.0645
bitcoin10%		0.0118	0.0682	0.0524	0.0054	0.1718
body-perf		0.5067	0.2466	0.4967	0.3423	0.6324
bookings		0.8796	0.0802	0.7178	0.7597	0.3172
brain-tumor		0.5110	0.4890	0.5111	0.0222	0.9930
breast-cancer		0.7500	0.2500	0.7056	0.4096	0.7758
breast-cancer-co		0.4545	0.5455	0.4500	-0.1000	1.0000
breast-cancer-ma		0.3636	0.6364	0.2667	-0.3509	1.0000
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.8000	0.0571	0.6857	0.7143	0.1393
bub10at310k-hg16-17		0.6534	0.3466	0.6568	0.1919	0.4494
bub12at310k-hg16-17		0.6559	0.3441	0.6575	0.1936	0.4510
bub8at310k-hg16-17		0.6255	0.3745	0.6559	0.1803	0.4247
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.3020	0.4653	0.3379	0.0027	0.7675
car		0.7184	0.1408	0.6792	0.5310	0.5344
car-insurance		0.7730	0.2270	0.7501	0.4963	0.7272
card		0.8551	0.1449	0.8510	0.6968	0.5304
cardiotocography		0.5681	0.0864	0.6609	0.5160	0.3934
cardiotocography-nsp		0.7559	0.1628	0.6734	0.4955	0.5436
cardiovascular		0.6475	0.3525	0.6483	0.2949	0.8786
cargo2k		0.9949	0.0034	0.9949	0.9924	0.0205
cars		0.6750	0.2167	0.5442	0.4323	0.5215
cas_N6512_cdk_ECFP2		0.6974	0.3026	0.6984	0.3953	0.8197
cas_N6512_rdkit_ATOMPAIR		0.6031	0.3969	0.6061	0.2101	0.9167
cas_N6512_RDkit_AtomPair_FP		0.6227	0.3773	0.6232	0.2456	0.9042
cas_N6512_rdkit_AVALON		0.6375	0.3625	0.6443	0.2823	0.8723
cas_N6512_RDkit_Avalon_FP		0.6442	0.3558	0.6550	0.2987	0.8515
cas_N6512_rdkit_descriptors		0.6246	0.3754	0.6306	0.2561	0.8882
cas_N6512_rdkit_FEATMORGAN		0.6667	0.3333	0.6732	0.3396	0.8404
cas_N6512_RDkit_Featmorgan_FP		0.7239	0.2761	0.7330	0.4541	0.7542
cas_N6512_RDkit_FP		0.6181	0.3819	0.6182	0.2358	0.9093
cas_N6512_rdkit_LAYERED		0.6400	0.3600	0.6384	0.2767	0.8907
cas_N6512_RDkit_Layered_FP		0.6288	0.3712	0.6278	0.2554	0.9011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.6452	0.3548	0.6534	0.2987	0.8594
cas_N6512_RDkit_MACCS_FP		0.6687	0.3313	0.6863	0.3507	0.7963
cas_N6512_rdkit_MORGAN		0.7154	0.2846	0.7165	0.4313	0.7956
cas_N6512_RDkit_morgan_FP		0.7009	0.2991	0.7043	0.4046	0.8082
cas_N6512_rdkit_PATTERN		0.6077	0.3923	0.6098	0.2180	0.9147
cas_N6512_RDkit_pattern_FP		0.6120	0.3880	0.6143	0.2268	0.9102
cas_N6512_rdkit_RDKITFP		0.6052	0.3948	0.6081	0.2142	0.9151
cas_N6512_rdkit_TORSION		0.7092	0.2908	0.7143	0.4226	0.7910
ccds		0.6943	0.3057	0.5984	0.0840	0.2964
ccds1%		0.7720	0.2280	0.5802	0.0840	0.3478
ccds10%		0.7120	0.2880	0.6095	0.0957	0.2972
cdc_diabetes		0.6683	0.2211	0.4621	0.2344	0.5456
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7254	0.2746	0.7368	0.4516	0.7274
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9008	0.0992	0.6756	0.3018	0.5468
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.6780	0.3220	0.5964	0.0904	0.3354
CDS49_AID687_Rdkit-ecfp4-fp		0.9604	0.0396	0.5225	0.0105	0.1049
census		0.7457	0.2543	0.6882	0.2334	0.4145
census10%		0.7380	0.2620	0.6854	0.2190	0.3914
central-nervous-system		0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9070	0.0930	0.5753	0.1506	0.6606
cervical-H		0.9186	0.0814	0.6719	0.3236	0.5957
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.6956	0.1522	0.7149	0.5525	0.4171
chrom19		0.9328	0.0672	0.6603	0.0246	0.0386
chrom191%		0.9083	0.0917	0.6616	0.0227	0.0356
chrom1910%		0.9374	0.0626	0.6597	0.0289	0.0457
chrom21		0.8931	0.1069	0.6033	0.0018	0.0047
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9649	0.0351	0.6217	0.0084	0.0166
chronic-kidney		0.8012	0.1988	0.6891	0.2939	0.5350
churn		0.6950	0.3050	0.6523	0.2780	0.7407
churn-bigml		0.8015	0.1985	0.7297	0.4200	0.6484
ci900367j_MACCS		0.6526	0.3474	0.6510	0.2963	0.8554
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6190	0.2540	0.5464	0.3501	0.6188
cjs		0.9500	0.0167	0.9469	0.9392	0.0788
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.6704	0.1648	0.6045	0.5402	0.4891
climate		0.9074	0.0926	0.8206	0.5714	0.5302
cll_sub_111		0.6667	0.2222	0.6933	0.4667	0.4938
cm1		0.8200	0.1800	0.5411	0.0816	0.7182
cmc		0.4558	0.3628	0.4687	0.1904	0.7496
cnae-9		0.9352	0.0144	0.9392	0.9271	0.0714
codon_usage		0.5533	0.0812	0.4288	0.4784	0.5521
coil20		0.9306	0.0069	0.9382	0.9269	0.0433
college		0.9221	0.0779	0.9055	0.8092	0.4196
collins		0.5400	0.0613	0.4883	0.4927	0.2675
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6207	0.3793	0.6107	0.2162	0.8800
colposcopies-2		0.6552	0.3448	0.6338	0.2677	0.8814
colposcopies-3		0.7586	0.2414	0.7549	0.5085	0.7375
colposcopies-4		0.6897	0.3103	0.6266	0.2521	0.8468
colposcopies-5		0.6897	0.3103	0.6819	0.3003	0.6424
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.7931	0.2069	0.7175	0.4351	0.7404
column-2c		0.7419	0.2581	0.7417	0.4655	0.7236
column-3c		0.7419	0.1720	0.7236	0.5941	0.3795

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5297	0.4730	0.5342	0.0322	0.7733
comedy_comparisons1%		0.4960	0.5040	0.4884	-0.0215	0.9851
comedy_comparisons10%		0.5174	0.4845	0.5231	0.0095	0.6352
connect-4		0.9491	0.0339	0.6100	0.4148	0.5004
cottonmeloidogyne		0.7764	0.2236	0.7771	0.5531	0.7035
coupon		0.6364	0.3636	0.6386	0.2741	0.8815
covid19		0.2533	0.2134	0.2370	0.0642	0.6698
covtype		0.5502	0.1285	0.5035	0.3577	0.5752
covtype10%		0.5616	0.1253	0.5049	0.3675	0.5856
covtypeCD		0.8638	0.1362	0.7916	0.5519	0.6064
covtypeT		0.8299	0.1701	0.7017	0.3194	0.5324
crabs		0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans		0.9994	0.0006	0.9139	0.8258	0.2307
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.5475	0.1508	0.5367	0.3606	0.4290
cryotherapy		0.6667	0.3333	0.6582	0.3077	0.8482
cultivars		0.1562	0.0422	0.1071	0.1334	0.1273
customer-churn		0.7936	0.2064	0.6617	0.1209	0.2232
cybersecurity		0.1700	0.2767	0.1714	0.0046	0.8819
cyclopentane		0.6296	0.3704	0.6326	0.2623	0.8892
cylinder-bands		0.7593	0.2407	0.7665	0.4753	0.5747
darwin		0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve		0.5385	0.4615	0.6486	0.1333	0.3113
dating		0.1006	0.1799	0.1055	0.0010	0.8812
day1%		0.9622	0.0254	0.9599	0.9438	0.1614
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.6610	0.3390	0.6351	0.2438	0.7579
defect		0.7623	0.2377	0.7156	0.3823	0.6497
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8186	0.1814	0.7130	0.3860	0.6369
depressed		0.6503	0.3497	0.5724	0.1261	0.7283
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.3750	0.4167	0.3158	0.0244	0.6574
dexter		0.9333	0.0667	0.9372	0.8667	0.2500
df_final		0.7500	0.1667	0.7690	0.6098	0.3265
DIA		0.6500	0.3500	0.6184	0.2222	0.8083
diabetes		0.7885	0.2115	0.8013	0.5806	0.6262
diabetes-100k		0.8993	0.1007	0.7818	0.5278	0.5908
diabetes-risk		0.7899	0.2101	0.7553	0.4814	0.6662
diabetic		0.4707	0.3529	0.4310	0.1523	0.7592
diabetic1%		0.5098	0.3268	0.4296	0.1570	0.7441
diabetic10%		0.4951	0.3366	0.4317	0.1571	0.7663
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8167	0.0917	0.7909	0.7492	0.2810
diamonds_all		0.4195	0.2322	0.3476	0.2028	0.7506
dishonest		0.9062	0.0938	0.8890	0.7757	0.4232
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.4167	0.5833	0.4286	-0.1351	1.0000
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9204	0.0796	0.6055	0.0334	0.0813
dna1%		0.8411	0.1589	0.6451	0.0259	0.0474
dna10%		0.9868	0.0068	0.5280	0.0504	0.4623
dorothea		0.9217	0.0783	0.7469	0.4848	0.5665
dota2		0.5958	0.4042	0.5956	0.1910	0.9313
dota210%		0.5670	0.4330	0.5660	0.1320	0.9557
drebin		0.8097	0.1903	0.8269	0.6237	0.5587
dropout		0.6862	0.2092	0.6603	0.5077	0.5261

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-01			0.1862	0.2325	0.2265	0.0636	0.7691
drug-02			0.3989	0.1717	0.2555	0.2074	0.7501
drug-03			0.2500	0.2143	0.2250	0.0444	0.7573
drug-04			0.3404	0.1885	0.2673	0.1541	0.7359
drug-05			0.1436	0.2447	0.1595	-0.0059	0.6336
drug-06			0.3617	0.1824	0.2654	0.2212	0.6669
drug-07			0.3564	0.1839	0.1811	0.1031	0.4963
drug-08			0.3511	0.1854	0.2106	0.1260	0.8167
drug-09			0.4309	0.1626	0.1059	0.0324	0.5242
drug-10			0.3457	0.1869	0.1979	0.0982	0.7975
drug-11			0.5106	0.1398	0.1761	0.1142	0.6847
drug-12			0.4362	0.1611	0.2048	0.1192	0.6282
drug-13			0.4574	0.1550	0.2604	0.2492	0.7474
drug-14			0.4468	0.1581	0.3395	0.2446	0.7529
drug-15			0.3670	0.1809	0.1239	0.0222	0.7625
drug-16			0.4255	0.1641	0.2600	0.2233	0.6765
drug-17			0.2819	0.2052	0.2002	0.1074	0.7287
drug-18			0.7128	0.1149	0.2611	0.0290	0.0431
drug-19			0.4202	0.1657	0.1694	0.1114	0.6362
drybean			0.9015	0.0281	0.9151	0.8810	0.1560
ecoli			0.7647	0.0588	0.5162	0.6792	0.1462
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU			0.6364	0.3636	0.5970	0.1200	0.4845
ecoliOM			0.9697	0.0303	0.9024	0.7843	0.4644
ecommerce			0.2700	0.3650	0.2706	0.0267	0.8238
eeg			0.2087	0.0989	0.2543	0.1582	0.7260
eeg-eye			0.5728	0.4272	0.5686	0.1371	0.9514
eeg10%			0.2014	0.0998	0.2517	0.1528	0.6836
email_phishing			0.8087	0.1913	0.5198	0.0101	0.1571
eucalyptus			0.4521	0.2192	0.4870	0.3095	0.5616
euthyroid			0.6487	0.3513	0.6680	0.2089	0.4536
exon.vs.intron-freq			0.7813	0.2187	0.7823	0.5630	0.6941
exon.vs.intron-freq10%			0.7834	0.2166	0.7836	0.5666	0.6934
fakenews			0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads			0.8019	0.1981	0.8108	0.6077	0.6155
fbis-wc			0.5976	0.0473	0.6509	0.5497	0.2932
fertility			0.1000	0.9000	0.0909	-0.2162	0.4655
finance			0.4706	0.5294	0.4752	-0.0487	1.0000
financial-risk			0.6730	0.1090	0.5702	0.4983	0.4672
fishcatch			0.8750	0.0417	0.9221	0.8447	0.1131
flags			0.4500	0.1375	0.2574	0.3189	0.2815
fonts			0.1154	0.0116	0.0583	0.1024	1.0000
fonts10%			0.1123	0.0116	0.0452	0.0990	0.9249
forest			0.8654	0.0673	0.8215	0.8133	0.1919
gas			0.6219	0.1260	0.6505	0.5469	0.3985
gastrointestinal			0.6250	0.2500	0.6148	0.4182	0.4923
gender			0.4842	0.3439	0.4665	0.1630	0.7129
gene			0.8549	0.0967	0.8507	0.7742	0.3408
german			0.7100	0.2900	0.6926	0.3830	0.8099
gestures			0.3604	0.3198	0.3236	0.1478	0.6267
gina			0.7954	0.2046	0.7989	0.5892	0.6460
gisette			0.8871	0.1129	0.8880	0.7743	0.4599
glass			0.8095	0.0635	0.9019	0.7375	0.1373
glass-g2			0.7500	0.2500	0.8000	0.5294	0.5000
glassBWFP			0.7143	0.2857	0.7774	0.4706	0.5112
glassBWNFP			0.5714	0.4286	0.6429	0.2286	0.7396
glassContainers			0.9545	0.0455	0.8986	0.7755	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.7727	0.2273	0.7019	0.2254	0.3467
glassVWFP		0.4286	0.5714	0.6087	0.0597	0.1906
GlaucomaM		0.7368	0.2632	0.7360	0.4693	0.7643
gli_85		0.6250	0.3750	0.7241	0.3333	0.5239
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8690	0.1310	0.8707	0.7360	0.5042
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.4667	0.2667	0.5622	0.3103	0.5479
gsalc		0.7778	0.0741	0.8333	0.7353	0.1060
haberman		0.7333	0.2667	0.6591	0.3182	0.8145
hapt		0.7905	0.0349	0.7433	0.7527	0.1993
har		0.4709	0.2116	0.4589	0.3307	0.6683
har70		0.4957	0.1441	0.4770	0.3905	0.3915
har701%		0.5580	0.1263	0.4489	0.4401	0.3777
har7010%		0.5019	0.1423	0.4757	0.3944	0.3883
harth		0.5920	0.0680	0.2915	0.4642	0.4524
harth1%		0.5861	0.0690	0.2856	0.4573	0.4647
harth10%		0.5909	0.0682	0.2911	0.4630	0.4584
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.6471	0.3529	0.6550	0.3014	0.8522
health-activity		0.2700	0.3650	0.3320	0.0611	0.3846
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.8387	0.1613	0.8369	0.6723	0.5819
heart-c		0.9000	0.1000	0.9009	0.8000	0.4259
heart-failure		0.8140	0.1860	0.8001	0.5929	0.6487
heart-quantum		0.8400	0.1600	0.8619	0.6875	0.4308
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.8003	0.1997	0.8018	0.6005	0.6543
hepmass1%		0.8042	0.1958	0.8053	0.6081	0.6482
hepmass10%		0.8003	0.1997	0.8017	0.6003	0.6541
hERG-121inputs		0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs		0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs		0.8462	0.1538	0.8471	0.6486	0.5000
higgs		0.5896	0.4104	0.5860	0.1711	0.9373
higgs0.1%		0.5964	0.4036	0.5931	0.1856	0.9320
higgs1%		0.5872	0.4128	0.5833	0.1657	0.9393
higgs10%		0.5888	0.4112	0.5853	0.1695	0.9375
higher		0.0714	0.2321	0.0833	-0.0643	0.3813
hinselmann		0.5000	0.5000	0.5000	0.0000	0.7460
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8971	0.1029	0.8394	0.6710	0.5605
hiva		0.9173	0.0827	0.5798	0.1466	0.5544
horse		0.6111	0.2593	0.5753	0.3588	0.6690
hotel-reservartions		0.7759	0.2241	0.7655	0.5224	0.7038
hr		0.5053	0.4947	0.5377	0.0470	0.5737
ht-sensor		0.4828	0.3448	0.4827	0.2308	0.6976
ht-sensor10%		0.4729	0.3514	0.4740	0.2169	0.7022
htru2		0.9654	0.0346	0.8919	0.7824	0.3536
hypothyroid		0.6684	0.1658	0.4942	0.2174	0.3112
hypothyroidT		0.9284	0.0716	0.7358	0.4706	0.5981
ilpd		0.6271	0.3729	0.6368	0.2488	0.7980
immuno-therapy		0.7778	0.2222	0.8000	0.5263	0.5283
instagram		0.8933	0.0533	0.8997	0.8578	0.1909
ionosphere		0.7429	0.2571	0.7263	0.4444	0.7546
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.9800	0.0200	0.9802	0.9596	0.1220
isolet		0.8498	0.0116	0.8590	0.8438	0.1088

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.7567	0.2433	0.6209	0.2416	0.7989
jvowels		0.8133	0.0415	0.8056	0.7886	0.2436
kc1		0.7867	0.2133	0.6291	0.2561	0.7591
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.5714	0.0357	0.0760	0.3115	0.1815
kc1-class-level-top5percentDF		0.6667	0.3333	0.4000	-0.1194	0.4433
kc2		0.7885	0.2115	0.7147	0.4234	0.7321
kdc-4007		0.8753	0.0312	0.7697	0.8544	0.1826
kddcup98		0.6735	0.3265	0.5396	0.0380	0.3555
kddcup981%		0.8947	0.1053	0.6256	0.2339	0.6001
kddcup9810%		0.8136	0.1864	0.5363	0.0537	0.4813
kddcup99		0.9921	0.0007	0.5410	0.9865	0.1334
kddcup991%		0.9684	0.0027	0.4131	0.9470	0.1016
kddcup9910%		0.9910	0.0008	0.5518	0.9847	0.1473
kepler		0.8107	0.1262	0.7498	0.6905	0.3122
kidney		0.1461	0.3416	0.1857	0.0005	0.5499
kidney-disease		0.9500	0.0500	0.9505	0.8961	0.2500
krkopt		0.1971	0.0892	0.2046	0.1305	0.8211
krvskp		0.9154	0.0846	0.9157	0.8307	0.3831
la1s-wc		0.8190	0.0603	0.8061	0.7682	0.2311
la2s-wc		0.7881	0.0706	0.7750	0.7287	0.2785
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6176	0.0191	0.3529	0.5996	0.0710
led24		0.7000	0.0600	0.6964	0.6620	0.1316
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.5500	0.0346	0.5526	0.5321	0.3823
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.6389	0.0481	0.6607	0.6123	0.1498
linkage		0.9979	0.0021	0.8933	0.7690	0.4772
linkage1%		0.9972	0.0028	0.8617	0.7024	0.5071
linkage10%		0.9981	0.0019	0.9022	0.7868	0.4689
liver		0.6471	0.3529	0.7074	0.3482	0.6732
loan		0.9415	0.0585	0.9416	0.8785	0.2927
localization		0.2182	0.1421	0.2307	0.1387	0.7285
localization10%		0.2239	0.1411	0.2175	0.1393	0.6780
lrs		0.7170	0.0566	0.3857	0.6214	0.2712
lung		0.9048	0.0381	0.9344	0.8359	0.1342
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7000	0.1200	0.7264	0.5062	0.4249
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.7857	0.1071	0.6342	0.6147	0.2542
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5962	0.4038	0.5968	0.1923	0.9283
magic04		0.7543	0.2457	0.7238	0.4453	0.7613
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8575	0.7095	0.5309
marketing		0.7455	0.2545	0.6669	0.2960	0.6746
maternal		0.6040	0.2640	0.6145	0.3935	0.5838
math		0.6250	0.1875	0.6248	0.4700	0.4233
mba		0.6516	0.2323	0.4767	0.2866	0.4761
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6000	0.4000	0.6090	0.2116	0.9010
meter-A			0.5000	0.5000	0.6522	0.1579	0.5288
meter-B			0.8889	0.0741	0.8889	0.8302	0.1290
meter-C			0.6667	0.1667	0.7510	0.5345	0.3290
meter-D			0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac			0.9000	0.0200	0.9011	0.8889	0.1160
mfeat-fou			0.7050	0.0590	0.7041	0.6722	0.2535
mfeat-kar			0.9050	0.0190	0.9060	0.8944	0.1128
mfeat-mor			0.7050	0.0590	0.7077	0.6722	0.2112
mfeat-pix			0.9400	0.0120	0.9410	0.9333	0.0680
mfeat-zer			0.7550	0.0490	0.7530	0.7278	0.2248
mice-prot			0.8333	0.0417	0.8412	0.8092	0.1604
milk			0.7547	0.1635	0.7597	0.6311	0.4142
mines			0.4412	0.2235	0.4095	0.2963	0.4594
mobile			0.7762	0.0080	0.7945	0.7721	0.0992
monks-1			0.6364	0.3636	0.6382	0.2696	0.8776
monks-2			0.5738	0.4262	0.5280	0.0560	0.9497
monks-3			0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.8893	0.1107	0.8963	0.7767	0.3678
music			0.3983	0.1094	0.4348	0.3109	0.6471
musk			0.7424	0.2576	0.6110	0.2104	0.7418
MUT_ci300400a_cdk_ECFP2			0.7506	0.2494	0.7479	0.4942	0.7480
MUT_ci300400a_cdk_ECFP4			0.7317	0.2683	0.7395	0.4678	0.7462
MUT_ci300400a_cdk_ECFP6			0.6958	0.3042	0.6996	0.3929	0.8074
MUT_ci300400a_cdk_ESTATE			0.6535	0.3465	0.6473	0.2941	0.8756
MUT_ci300400a_cdk_EXTENDED			0.6823	0.3177	0.6786	0.3558	0.8403
MUT_ci300400a_cdk_FCFP2			0.7030	0.2970	0.6953	0.3906	0.8212
MUT_ci300400a_cdk_FCFP4			0.7302	0.2698	0.7261	0.4513	0.7802
MUT_ci300400a_cdk_FCFP6			0.7182	0.2818	0.7270	0.4422	0.7628
MUT_ci300400a_cdk_MACCS			0.6535	0.3465	0.6540	0.3047	0.8637
MUT_ci300400a_cdk_PUBCHEM			0.6802	0.3198	0.6758	0.3505	0.8439
MUT_ci300400a_cdk_STANDARD			0.6922	0.3078	0.6889	0.3764	0.8277
MUT_ci300400a_rdkit_descriptors			0.6704	0.3296	0.6691	0.3364	0.8514
myocardial			0.6176	0.0956	0.3233	0.1807	0.6304
naticusdroid			0.9189	0.0811	0.9189	0.8377	0.3751
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.5000	0.1111	0.3030	0.4375	0.1065
ncRNA			0.6845	0.0332	0.2531	0.4047	1.0000
ncRNA1%			0.5224	0.0503	0.2486	0.2761	0.8155
ncRNA10%			0.5414	0.0483	0.2625	0.2923	0.8892
neo			0.7875	0.2125	0.6922	0.3133	0.5752
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.6345	0.0166	0.6649	0.6227	0.2519
newspop			0.6375	0.3625	0.6359	0.2718	0.8937
NHANES_age_prediction			0.9075	0.0925	0.8757	0.7197	0.4848
nomao			0.8259	0.1741	0.8077	0.6055	0.6306
NPHA-doctor-visits			0.3056	0.4630	0.3205	-0.0444	0.7597
nursery			0.8410	0.0636	0.6342	0.7773	0.2255
obesity			0.5261	0.1354	0.5167	0.4469	0.4651
obs			0.6204	0.1898	0.6548	0.4783	0.4657
occupancy			0.9416	0.0584	0.9259	0.8459	0.3715
Occupancy_Estimation			0.9062	0.0469	0.7670	0.7359	0.2867
oh0-wc			0.9208	0.0158	0.9133	0.9096	0.0930
oh10-wc			0.7810	0.0438	0.7412	0.7508	0.1993
oh15-wc			0.8152	0.0370	0.8150	0.7913	0.1885
oh5-wc			0.8791	0.0242	0.8629	0.8634	0.1145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ohscal-wc			0.7706	0.0459	0.7628	0.7437	0.3009
olive			0.8596	0.0312	0.7820	0.8268	0.1107
opn310k			0.6259	0.3741	0.6549	0.1795	0.4262
opn310k10%			0.6196	0.3804	0.6367	0.1566	0.4326
opnat310k-hg16-17			0.6392	0.3608	0.6567	0.1863	0.4367
optdigits			0.9004	0.0199	0.9050	0.8892	0.1254
optdigitsZ			0.9644	0.0356	0.9147	0.8140	0.4308
orl			0.9000	0.0050	0.8873	0.8974	0.0164
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr			0.6996	0.3004	0.6682	0.1359	0.2479
ozone8hr			0.6482	0.3518	0.6011	0.1151	0.4320
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7216	0.2784	0.7289	0.4377	0.7390
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8413	0.1587	0.8488	0.6851	0.5336
p53-mutants			0.9500	0.0500	0.6527	0.1152	0.2005
p53-mutants10%			0.9873	0.0127	0.4968	-0.0048	0.3262
page-blocks			0.8720	0.0512	0.5656	0.4433	0.5528
parkinson			0.8417	0.1583	0.8399	0.6774	0.5806
parkinsons			0.7867	0.2133	0.7949	0.5730	0.6471
parkinsons-small			0.7895	0.2105	0.8155	0.5682	0.5164
particle			0.8292	0.1708	0.7816	0.5610	0.6497
particle10%			0.8315	0.1685	0.7850	0.5681	0.6452
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.8649	0.1351	0.5709	0.1386	0.6608
pcmac			0.4639	0.5361	0.4470	-0.1060	1.0000
pcos			0.9967	0.0033	0.9949	0.9896	0.0572
pd			0.7500	0.2500	0.7085	0.4062	0.7506
pediatric-leukemia			0.7353	0.0756	0.7223	0.6752	0.2582
pendigits			0.8444	0.0311	0.8511	0.8271	0.1723
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.6667	0.3333	0.6582	0.3077	0.8309
persistency			0.7988	0.2012	0.7899	0.5785	0.6763
personalities			0.8880	0.0140	0.8881	0.8805	0.1604
pet-adoption			0.8050	0.1950	0.7954	0.5831	0.6576
phishing			0.9510	0.0490	0.9486	0.8972	0.2697
PhiUSIIL			0.9894	0.0106	0.9892	0.9784	0.0799
PhiUSIIL10%			0.9902	0.0098	0.9901	0.9801	0.0773
phone-acc			0.4681	0.1520	0.4518	0.3792	0.5480
phone-acc0.1%			0.4640	0.1531	0.4436	0.3744	0.5443
phone-acc1%			0.4674	0.1522	0.4530	0.3786	0.5428
phone-acc10%			0.4690	0.1517	0.4520	0.3802	0.5472
phone-gyr			0.4692	0.1516	0.4594	0.3801	0.5355
phone-gyr0.1%			0.5305	0.1341	0.5047	0.4509	0.4712
phone-gyr1%			0.5011	0.1425	0.4878	0.4174	0.5081
phone-gyr10%			0.4756	0.1498	0.4654	0.3876	0.5290
phoneme			0.7259	0.2741	0.7218	0.4192	0.7294
phy			0.6806	0.3194	0.6806	0.3612	0.8453
pima			0.7237	0.2763	0.7065	0.4115	0.7975
pirvision			0.8452	0.1032	0.8371	0.6238	0.3111
placement			0.7730	0.2270	0.7718	0.5412	0.7096
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.0211	0.1958	0.0707	-0.0018	0.4653
poker1%			0.0868	0.1826	0.0819	0.0021	0.4365
poker10%			0.0660	0.1868	0.1096	0.0076	0.3838
polish-1st			0.9161	0.0839	0.5399	0.0771	0.5822
polish-2nd			0.9449	0.0551	0.5522	0.0984	0.6299
polish-3rd			0.8305	0.1695	0.5460	0.0688	0.4787

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.7551	0.2449	0.5764	0.0935	0.4232
polish-5th			0.9120	0.0880	0.6816	0.3618	0.6449
polya			0.7384	0.2616	0.7224	0.4434	0.7758
popularity			0.4850	0.3433	0.4611	0.1773	0.6775
post-operative			0.3333	0.4444	0.1667	0.0000	0.2500
postures			0.7419	0.1033	0.7446	0.6775	0.3461
pred-tox_mutagen_ref-desc			0.6618	0.3382	0.6635	0.3235	0.8580
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3636	0.0579	0.2454	0.3152	0.1999
processed			0.7591	0.2409	0.7528	0.4924	0.7155
profb			0.6866	0.3134	0.6758	0.3428	0.8129
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.7045	0.1182	0.6247	0.5969	0.3774
puc-rio10%			0.7049	0.1180	0.6083	0.5989	0.3792
pufs-128			0.5007	0.4993	0.5007	0.0014	0.9996
pufs-1281%			0.4993	0.5007	0.4993	-0.0013	1.0000
pufs-12810%			0.5006	0.4995	0.5006	0.0011	0.9997
pufs-64			0.5031	0.4969	0.5031	0.0062	0.9983
pufs-641%			0.5058	0.4942	0.5058	0.0117	0.9966
pufs-6410%			0.5018	0.4982	0.5018	0.0037	0.9990
pulsar			0.9721	0.0279	0.9127	0.8220	0.2650
raisin			0.8444	0.1556	0.8500	0.6889	0.5288
rcv1			0.2400	0.0431	0.0177	-0.0102	0.2831
rcv11%			0.7278	0.0103	0.3252	0.6933	0.2660
rcv110%			0.8151	0.0070	0.5583	0.7946	0.3009
re0-wc			0.7000	0.0462	0.6347	0.5963	0.3171
re1-wc			0.7289	0.0217	0.6719	0.6909	0.2248
rejafada			0.9497	0.0503	0.5725	0.1415	0.6217
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.8253	0.0054	0.3983	0.7531	0.2282
rice			0.9780	0.0220	0.9781	0.9554	0.1193
rnaseq			0.9875	0.0050	0.9900	0.9835	0.0307
rocket			0.5835	0.4165	0.6067	0.1976	0.8749
RT_IOT2022			0.9049	0.0159	0.7118	0.7627	0.0759
satimage			0.7729	0.0757	0.7620	0.7228	0.2902
satimageF			0.9798	0.0202	0.9463	0.8910	0.1828
satimageT			0.5412	0.4588	0.6370	0.1430	0.4041
scadi			0.5714	0.1224	0.3687	0.4615	0.1141
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8013	0.1987	0.5778	0.1214	0.5323
secondary_mushroom			0.7747	0.2253	0.7764	0.5494	0.7014
seeds			0.9048	0.0635	0.9152	0.8571	0.1726
segment			0.8528	0.0421	0.8629	0.8278	0.1797
segmentation			0.7376	0.2624	0.7344	0.4599	0.7511
segmentO			0.6667	0.3333	0.7210	0.3145	0.4849
seismic			0.8062	0.1938	0.6659	0.2480	0.5095
semeion			0.9874	0.0126	0.9681	0.9342	0.2404
sens-1-gram			0.6211	0.3789	0.5204	0.0318	0.6499
sens-10-gram			0.7165	0.2835	0.6289	0.2182	0.6569
sens-2-gram			0.6947	0.3053	0.5791	0.1343	0.6722
sens-3-gram			0.7395	0.2605	0.6322	0.2316	0.6701
sens-4-gram			0.7000	0.3000	0.5568	0.0998	0.6917
sens-5-gram			0.7395	0.2605	0.5839	0.1542	0.7084
sens-6-gram			0.7316	0.2684	0.5669	0.1231	0.7129

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.7395	0.2605	0.5902	0.1647	0.7040
sens-8-gram			0.7053	0.2947	0.5658	0.1155	0.6905
sens-9-gram			0.7158	0.2842	0.6137	0.1940	0.6641
sensorless			0.5236	0.0866	0.5307	0.4759	0.4340
sepsis			0.5425	0.4575	0.5874	0.0898	0.4244
shoppers			0.8159	0.1841	0.7358	0.4454	0.6651
shuttle			0.7471	0.0723	0.5567	0.4242	0.4528
sick			0.7347	0.2653	0.6481	0.1871	0.4424
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.8216	0.1784	0.7892	0.5513	0.6300
skin10%			0.8203	0.1797	0.7825	0.5419	0.6425
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1200	0.4400	0.1195	-0.1727	0.9002
smk_can_187			0.5263	0.4737	0.5278	0.0552	0.9801
smoking			0.6955	0.3045	0.7150	0.4041	0.7495
soil_pollution			0.2300	0.3080	0.2311	0.0372	0.8579
solar-flare			0.7338	0.0887	0.6706	0.6636	0.2803
sonar			0.6000	0.4000	0.6094	0.2000	0.8750
soybean			0.9412	0.0062	0.9636	0.9358	0.0411
spam-detection			0.8310	0.1690	0.7416	0.4061	0.5622
spambase			0.8804	0.1196	0.8742	0.7473	0.4883
spect			0.7037	0.2963	0.7589	0.4194	0.5288
spectf			0.7143	0.2857	0.7742	0.4615	0.5283
spectrometer			0.4717	0.0220	0.2305	0.4473	0.1265
splice-EI			0.8801	0.1199	0.8705	0.7195	0.4965
splice-IE			0.8328	0.1672	0.8093	0.5982	0.6128
sport-articles			0.7400	0.2600	0.7320	0.4604	0.7631
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.9677	0.0323	0.9651	0.9300	0.2092
steel_industry			0.6946	0.2036	0.6728	0.5266	0.5222
steel-b			0.6769	0.3231	0.6780	0.3064	0.6912
steel-d			0.8154	0.1846	0.6298	0.1359	0.3304
steel-k			0.9590	0.0410	0.9361	0.8718	0.2764
steel-o			0.5744	0.4256	0.6238	0.2111	0.8000
steel-p			0.7538	0.2462	0.7260	0.3093	0.4422
steel-s			0.8667	0.1333	0.7425	0.3369	0.4283
steel-z			0.8769	0.1231	0.7888	0.5238	0.5749
stellar			0.5594	0.2937	0.5905	0.3230	0.5927
stock			0.8056	0.1944	0.7572	0.4825	0.6525
stockb			0.7797	0.1468	0.7813	0.6697	0.3769
streaming			0.7760	0.2240	0.7784	0.5527	0.6969
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.3650	0.2540	0.3440	0.1518	0.6119
student-depression			0.8305	0.1695	0.8256	0.6512	0.6107
student-habits			0.2000	0.3200	0.2174	0.0195	0.7904
student-weekend			0.2769	0.2892	0.2782	0.0954	0.7422
student-workday			0.4531	0.2188	0.1487	0.0879	0.7535
studentap			0.6154	0.2564	0.5957	0.4196	0.4044
susy			0.7183	0.2817	0.7152	0.4253	0.7873
susy1%			0.7212	0.2788	0.7184	0.4305	0.7800
susy10%			0.7164	0.2836	0.7132	0.4214	0.7903
swarm_aligned			0.9359	0.0641	0.9322	0.8576	0.3350
swarm_flocking			0.7639	0.2361	0.7703	0.5279	0.6901
swarm_grouped			0.8097	0.1903	0.8021	0.6022	0.6545
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8395	0.1605	0.8185	0.6251	0.6088
texture			0.7527	0.0450	0.7633	0.7278	0.2232

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.8052	0.1948	0.8018	0.6028	0.6584
thoracic			0.6383	0.3617	0.4943	-0.0101	0.7263
thrombin			0.9529	0.0471	0.5852	0.1594	0.5332
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			0.7053	0.2947	0.7051	0.3960	0.7758
tis			0.8242	0.1758	0.7985	0.5813	0.6355
tis10%			0.7836	0.2164	0.7056	0.4110	0.7548
titanic			0.7591	0.2409	0.7276	0.4549	0.7599
tourist			0.7500	0.0833	0.4000	0.6364	0.0795
tox_171			0.6471	0.1765	0.6583	0.5321	0.3154
toxicity			0.5294	0.4706	0.5589	0.1053	0.8829
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6267	0.3733	0.5898	0.1667	0.8143
trec11-wc			0.6829	0.0705	0.6466	0.6179	0.2089
trec12-wc			0.7742	0.0565	0.8030	0.7229	0.1494
trec21-wc			0.8485	0.0505	0.6042	0.7245	0.1494
trec23-wc			0.5714	0.1429	0.6471	0.4569	0.2216
trec31-wc			0.7957	0.0584	0.6362	0.7249	0.2515
trec41-wc			0.8182	0.0364	0.6657	0.7719	0.1855
trec45-wc			0.6522	0.0696	0.6839	0.6028	0.2414
tuandromd			0.9350	0.0650	0.8948	0.7828	0.3327
turkish			0.7500	0.1250	0.7611	0.6667	0.3190
tvnews			0.8154	0.1846	0.7998	0.5994	0.6512
tvnews1%			0.8615	0.1385	0.8496	0.6975	0.5403
tvnews10%			0.8157	0.1843	0.8010	0.6018	0.6504
ur3_cobotops_grip			0.7020	0.2980	0.5767	0.0578	0.2606
ur3_cobotops_stop			0.5143	0.4857	0.5565	0.0298	0.2104
urban			0.6866	0.0697	0.7113	0.6330	0.2134
urinalysis			0.8601	0.1399	0.6327	0.2237	0.5545
url-rep1%			0.9850	0.0214	0.9825	0.9638	0.1472
ustilago			0.8650	0.1350	0.6526	0.0919	0.1689
ustilago1%			0.9772	0.0228	0.5605	0.1142	0.4996
ustilago10%			0.8915	0.1085	0.6398	0.1054	0.2116
vehicle			0.4167	0.2917	0.4135	0.2262	0.6549
vehicleVAN			0.6786	0.3214	0.7356	0.3864	0.5959
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8871	0.7666	0.4380
vowel			0.4343	0.1028	0.4413	0.3778	0.2724
vowelZ			0.8889	0.1111	0.8182	0.5663	0.5305
vrnormat310k-hg16-17			0.7754	0.2246	0.6943	0.2996	0.5398
wap-wc			0.7885	0.0212	0.6456	0.7635	0.1274
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			0.5714	0.0857	0.6562	0.5251	0.2216
watch-acc			0.3991	0.1717	0.3918	0.2982	0.6299
watch-acc1%			0.4276	0.1636	0.4164	0.3311	0.6156
watch-acc10%			0.4054	0.1699	0.3982	0.3053	0.6241
watch-gyr			0.3655	0.1813	0.3585	0.2579	0.5784
watch-gyr1%			0.3721	0.1794	0.3631	0.2655	0.5717
watch-gyr10%			0.3584	0.1833	0.3509	0.2494	0.5804
water_pollution			0.2233	0.3883	0.2247	-0.0345	0.8773
waveform			0.8080	0.1280	0.8233	0.7120	0.3261
weather-related			0.9385	0.0112	0.9387	0.9302	0.0810
web-phishing			0.7037	0.1975	0.6314	0.5181	0.5305
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.4581	0.2168	0.4477	0.3169	0.6907
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9700	0.0150	0.9708	0.9600	0.0610

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.6832	0.3168	0.5670	0.0648	0.3511
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.2830	0.2390	0.3262	0.1051	0.6920
winequality-white			0.3027	0.1992	0.2402	0.1375	0.7345
winnipeg			0.9167	0.0238	0.9037	0.8952	0.1654
winnipeg10%			0.9199	0.0229	0.9174	0.8990	0.1559
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.7500	0.0333	0.7496	0.7322	0.0603
yeast			0.5135	0.0973	0.3980	0.4043	0.5421
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.8851	0.1149	0.7292	0.2877	0.3783
yeastME1			0.9324	0.0676	0.7717	0.4201	0.4711
yeastME2			0.8784	0.1216	0.6558	0.2563	0.5299
zip			0.7817	0.0437	0.7789	0.7557	0.2589

Table 133: Detailed results for NCA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1703	0.0572	0.0920	0.0833	0.5258
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.7061	0.4084	0.6173
accelerometer		0.9831	0.0169	0.6653	0.2234	0.3263
accident		0.2500	0.7500	0.2487	-0.5000	1.0000
ads		0.9756	0.0244	0.9482	0.8950	0.1934
adult		0.8487	0.1513	0.7762	0.5430	0.6131
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7524	0.2476	0.5990	0.1975	0.8001
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8687	0.0875	0.3099	-0.0166	0.3138
AID1284Morered		0.8056	0.1944	0.4462	-0.0862	0.8010
AID1284red		0.8333	0.1667	0.5863	0.1628	0.7500
AID1608Morered		0.9126	0.0874	0.4772	-0.0311	0.6533
AID1608red		0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9992	0.0008	0.9450	0.8885	0.3001
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.6979	0.2188	0.4125
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.6089	0.0520	0.1628
aids		0.8357	0.1643	0.7759	0.5518	0.6611
air_pollution		0.4067	0.1695	0.1643	0.0185	0.4425
alcohol		0.8667	0.0533	0.7805	0.7225	0.2722
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7488	0.2512	0.7221	0.4439	0.7708
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9930	0.0035	0.9778	0.9868	0.0195
anuran-genus		0.9930	0.0017	0.9850	0.9885	0.0152
anuran-species		0.9903	0.0019	0.9848	0.9865	0.0282
anxiety		0.1083	0.1981	0.1130	-0.0030	0.8178
apple-quality		0.9325	0.0675	0.9328	0.8650	0.3261
aps-failure		0.9905	0.0095	0.8564	0.7095	0.3568
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9938	0.0062	0.7577	0.3618	0.0259
arrhythmia		0.6444	0.0547	0.3613	0.4161	0.3320
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.7826	0.0181	0.3372	0.7461	0.0673
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adolescent		0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult		0.9286	0.0714	0.9114	0.8223	0.3967
autism-child		0.8621	0.1379	0.8619	0.7238	0.5324
autos		0.9500	0.0167	0.7933	0.9340	0.0386
avila		0.9986	0.0002	0.9969	0.9981	0.0083
babies		0.4194	0.1659	0.1984	0.1000	0.4998
balance		0.9516	0.0323	0.9284	0.9123	0.1211
bank		0.9058	0.0942	0.7256	0.4302	0.5728
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8479	0.1521	0.8353	0.6707	0.5840
basehock		0.8794	0.1206	0.8795	0.7588	0.4879
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8476	0.1524	0.8403	0.6800	0.5791
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
body-perf		0.7164	0.1418	0.7248	0.6219	0.3972
brain-tumor		0.4960	0.5040	0.4960	-0.0080	1.0000
breast-cancer		0.5000	0.5000	0.4291	-0.1395	0.9404
breast-cancer-co		0.9091	0.0909	0.9141	0.8136	0.2846
breast-cancer-ma		0.4545	0.5455	0.4500	-0.1000	1.0000
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4560	0.3627	0.3415	-0.0175	0.6754
car		0.9655	0.0172	0.9621	0.9265	0.1578
car-insurance		0.8330	0.1670	0.8035	0.6066	0.6316
card		0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography		0.8545	0.0291	0.8161	0.8252	0.1727
cardiotocography-nsp		0.9108	0.0595	0.8159	0.7274	0.1924
cargo2k		0.9873	0.0085	0.9875	0.9809	0.0480
cars		0.7750	0.1500	0.7406	0.5735	0.4775
cas_N6512_cdk_ECFP2		0.7204	0.2796	0.7191	0.4382	0.7943
cas_N6512_rdkit_ATOMPAIR		0.7369	0.2631	0.7347	0.4688	0.7703
cas_N6512_RDkit_AtomPair_FP		0.7393	0.2607	0.7369	0.4729	0.7659
cas_N6512_rdkit_AVALON		0.7727	0.2273	0.7714	0.5427	0.7145
cas_N6512_RDkit_Avalon_FP		0.7975	0.2025	0.7979	0.5946	0.6667
cas_N6512_rdkit_descriptors		0.7846	0.2154	0.7856	0.5693	0.6879
cas_N6512_rdkit_FEATMORGAN		0.7419	0.2581	0.7409	0.4817	0.7629
cas_N6512_RDkit_Featmorgan_FP		0.7745	0.2255	0.7735	0.5469	0.7110
cas_N6512_RDkit_FP		0.7868	0.2132	0.7855	0.5710	0.6899
cas_N6512_rdkit_LAYERED		0.7692	0.2308	0.7693	0.5377	0.7174
cas_N6512_RDkit_Layered_FP		0.7561	0.2439	0.7543	0.5083	0.7413
cas_N6512_rdkit_MACCS		0.7865	0.2135	0.7848	0.5694	0.6900
cas_N6512_RDkit_MACCS_FP		0.7515	0.2485	0.7524	0.5032	0.7434
cas_N6512_rdkit_MORGAN		0.7400	0.2600	0.7388	0.4775	0.7661
cas_N6512_RDkit_morgan_FP		0.7316	0.2684	0.7302	0.4604	0.7787
cas_N6512_rdkit_PATTERN		0.7523	0.2477	0.7518	0.5032	0.7460
cas_N6512_RDkit_pattern_FP		0.7515	0.2485	0.7508	0.5013	0.7478
cas_N6512_rdkit_RDKITFP		0.7819	0.2181	0.7810	0.5619	0.6982
cas_N6512_rdkit_TORSION		0.7508	0.2492	0.7491	0.4981	0.7501
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9630	0.0370	0.6629	0.0783	0.1566
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7720	0.2280	0.7578	0.5135	0.7247
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5532	0.2040
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.6419	0.2399	0.5289

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
census10%		0.9459	0.0541	0.6821	0.2213	0.3179
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9535	0.0465	0.8208	0.6417	0.5099
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S		0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia		0.9102	0.0449	0.8869	0.8657	0.2109
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.8916	0.1084	0.4713	-0.0455	0.7035
churn		0.8480	0.1520	0.7378	0.4521	0.6169
churn-bigml		0.8801	0.1198	0.7106	0.3551	0.5173
ci900367j_MACCS		0.7053	0.2947	0.7029	0.3998	0.7987
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.5135	0.4844	0.6064
cjs		0.9929	0.0024	0.9933	0.9913	0.0153
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8491	0.0755	0.7621	0.7658	0.3434
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cm1		0.8400	0.1600	0.4565	-0.0811	0.7590
cmc		0.5034	0.3311	0.4801	0.2193	0.7416
cnae-9		0.8704	0.0288	0.8732	0.8542	0.1255
codon_usage		0.9394	0.0110	0.8465	0.9264	0.1133
coil20		0.9931	0.0007	0.9933	0.9927	0.0048
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.6200	0.0507	0.5005	0.5793	0.1737
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2		0.5517	0.4483	0.5155	0.0308	0.9708
colposcopies-3		0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4		0.8276	0.1724	0.7688	0.5118	0.5950
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c		0.7241	0.2759	0.5851	0.1655	0.8480
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.6774	0.2151	0.6222	0.4833	0.4740
comedy_comparisons1%		0.5110	0.4890	0.4564	-0.0114	0.6568
connect-4		0.9996	0.0003	0.9914	0.9898	0.0015
cottonmeloidogyne		0.7188	0.2812	0.7194	0.4370	0.7913
coupon		0.7405	0.2595	0.7351	0.4701	0.7685
covtype10%		0.9392	0.0174	0.8786	0.9024	0.1747
covtypeCD		0.9930	0.0070	0.9853	0.9705	0.0982
covtypeT		0.9878	0.0122	0.9530	0.9059	0.2222
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9576	0.0141	0.8707	0.9139	0.1396
cryotherapy		0.6667	0.3333	0.6750	0.3415	0.8344
cultivars		0.6875	0.0156	0.5350	0.6787	0.0401
customer-churn		0.9802	0.0198	0.6713	0.2801	0.4170
cybersecurity		0.1567	0.2811	0.1568	-0.0113	0.8894
cyclopentane		0.5185	0.4815	0.5084	0.0168	0.9905
cylinder-bands		0.7593	0.2407	0.7513	0.4993	0.7330
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1072	0.1786	0.1072	0.0080	0.9251
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8197	0.1803	0.7000	0.3622	0.6491
defect		0.8704	0.1296	0.7670	0.5335	0.6451

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8971	0.1029	0.7062	0.3884	0.5940
depressed		0.8182	0.1818	0.5539	0.0710	0.6919
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4037	0.2727	0.4605
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.5625	0.2917	0.6018	0.3086	0.5254
DIA		0.8667	0.1333	0.8222	0.6444	0.5872
diabetes		0.9423	0.0577	0.9400	0.8793	0.3074
diabetic1%		0.5588	0.2941	0.3731	0.1245	0.6545
diabetic10%		0.5128	0.3248	0.3201	0.0204	0.5578
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7063	0.1175	0.6825	0.5793	0.3659
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.3333	0.6667	0.2903	-0.4118	1.0000
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dota210%		0.5126	0.4874	0.5109	0.0217	0.9928
drebin		0.9894	0.0106	0.9886	0.9771	0.0827
dropout		0.6862	0.2092	0.6007	0.4859	0.5727
drug-01		0.3936	0.1733	0.1630	0.0616	0.5306
drug-02		0.5213	0.1368	0.2883	0.1879	0.6342
drug-03		0.6915	0.0881	0.1944	0.1234	0.4032
drug-04		0.4840	0.1474	0.1326	0.0671	0.6252
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3936	0.1733	0.2625	0.2339	0.5787
drug-07		0.3298	0.1915	0.1256	-0.0228	0.6806
drug-08		0.5745	0.1216	0.2056	0.1812	0.4334
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5372	0.1322	0.1712	0.1314	0.4217
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6330	0.1049	0.1824	0.2722	0.4035
drug-14		0.5053	0.1413	0.2551	0.2363	0.7220
drug-15		0.7500	0.0714	0.1228	0.0009	0.2719
drug-16		0.5851	0.1185	0.2891	0.3007	0.4477
drug-17		0.3457	0.1869	0.1836	0.1059	0.6615
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9309	0.0197	0.9441	0.9165	0.1146
ecoli		0.8235	0.0441	0.5305	0.7545	0.1555
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2500	0.3750	0.2505	0.0011	0.8401
eeg		0.5510	0.0561	0.5674	0.5024	0.5363
eeg-eye		0.9613	0.0387	0.9609	0.9217	0.2214
eeg10%		0.3418	0.0823	0.3437	0.2716	0.6976
eucalyptus		0.5342	0.1863	0.5126	0.4025	0.4826
euthyroid		0.9620	0.0380	0.8960	0.7914	0.4093
exon.vs.intron-freq10%		0.9556	0.0444	0.9561	0.9111	0.2363
fakenews		0.5375	0.4625	0.5378	0.0754	0.9762
fbis-wc		0.7724	0.0268	0.7044	0.7395	0.2020
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
finance		0.7647	0.2353	0.7648	0.5135	0.6844
financial-risk		0.8325	0.0558	0.8055	0.7365	0.2848
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3500	0.1625	0.1608	0.1333	0.4191
fonts10%		0.5567	0.0058	0.2974	0.5364	0.5965
forest		0.9038	0.0481	0.8846	0.8678	0.1583
gas		0.9950	0.0017	0.9952	0.9939	0.0141
gastrointestinal		0.6250	0.2500	0.5916	0.3846	0.5695
gender		0.6084	0.2611	0.3865	0.1700	0.5887
gene		0.8644	0.0904	0.8535	0.7847	0.3444
german		0.7100	0.2900	0.6625	0.3128	0.8135
gestures		0.7988	0.1006	0.8062	0.7318	0.3402
gina		0.9164	0.0836	0.9164	0.8327	0.3819
gisette		0.9614	0.0386	0.9614	0.9229	0.2197
glass		0.8095	0.0635	0.8846	0.7325	0.1752
glass-g2		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM		0.6842	0.3158	0.6841	0.3596	0.8222
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8929	0.1071	0.8949	0.7840	0.4385
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.5333	0.2333	0.5144	0.3713	0.5276
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.9671	0.0055	0.8536	0.9611	0.0338
har		0.9954	0.0018	0.9949	0.9942	0.0131
har701%		0.9230	0.0220	0.6552	0.8864	0.1592
harth1%		0.8717	0.0214	0.6423	0.8250	0.1958
hayes-roth		0.6875	0.2083	0.7080	0.4937	0.3509
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack		0.7742	0.2258	0.7815	0.5526	0.6797
heart-c		0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure		0.9740	0.0260	0.9697	0.9391	0.1628
heart-quantum		0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis		0.6667	0.3333	0.6377	0.2424	0.7291
hepmass1%		0.8576	0.1424	0.8593	0.7154	0.5297
hERG-121inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.5973	0.4027	0.5953	0.1906	0.9317
higher		0.2857	0.1786	0.1522	0.1250	0.2658
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8904	0.1096	0.7954	0.5878	0.5740
hiva		0.9622	0.0378	0.4904	-0.0045	0.3546
horse		0.5833	0.2778	0.5102	0.2297	0.6147
hotel-reservartions		0.8762	0.1238	0.8566	0.7031	0.4703
hr		0.7614	0.2386	0.5258	0.0514	0.7743
ht-sensor10%		0.9998	0.0001	0.9998	0.9997	0.0013
htru2		0.9793	0.0207	0.9354	0.8682	0.1975

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hypothyroid		0.9602	0.0199	0.5932	0.7417	0.2498
hypothyroidT		0.9814	0.0186	0.9322	0.8627	0.2248
ilpd		0.7119	0.2881	0.6187	0.2302	0.8431
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.9700	0.0150	0.9704	0.9600	0.0629
ionosphere		0.9429	0.0571	0.9346	0.8606	0.1858
iris		0.8000	0.1333	0.7722	0.6939	0.2545
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8909	0.0084	0.8928	0.8865	0.0929
jm1		0.8228	0.1772	0.6518	0.2286	0.6107
jvowels		0.9980	0.0004	0.9976	0.9977	0.0036
kc1		0.8578	0.1422	0.6618	0.2066	0.4924
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.5000	0.0417	0.0307	0.0667	0.0964
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.6929	0.3824	0.7363
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9988	0.0001	0.5457	0.9979	0.0012
kepler		0.8839	0.0774	0.8435	0.8092	0.2264
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7490	0.0279	0.7360	0.7195	0.3125
krvskp		0.9906	0.0094	0.9906	0.9812	0.0727
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0147	0.4239	0.6934	0.0646
led24		0.6500	0.0700	0.6240	0.6078	0.1467
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9800	0.0015	0.9800	0.9792	0.0240
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.9167	0.0111	0.9416	0.9106	0.0292
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
liver		0.7059	0.2941	0.6808	0.3585	0.8145
loan		0.9578	0.0422	0.9550	0.9096	0.2310
localization10%		0.6820	0.0578	0.4343	0.5942	0.4997
lrs		0.8302	0.0340	0.5137	0.7651	0.1328
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.8404	0.1596	0.8382	0.6750	0.5853
madelon		0.5385	0.4615	0.5385	0.0769	0.9762
magic04		0.8638	0.1362	0.8490	0.6829	0.4771
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8430	0.6859	0.5749
marketing		0.8482	0.1518	0.6979	0.3958	0.7039
maternal		0.8416	0.1056	0.8440	0.7598	0.3624
math		0.7000	0.1500	0.5808	0.5480	0.4357
mba		0.8274	0.1151	0.3743	0.0772	0.3567
mental-disorders		0.5833	0.2083	0.5261	0.4444	0.3321
mental-health		0.2300	0.3080	0.2318	0.0367	0.8532
messidor		0.6261	0.3739	0.6205	0.2410	0.9053

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.7765	0.6883	0.2706
meter-D		0.8333	0.0833	0.8451	0.7682	0.1516
mfeat-fac		0.9650	0.0070	0.9658	0.9611	0.0413
mfeat-fou		0.7850	0.0430	0.7848	0.7611	0.1697
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7400	0.0520	0.7487	0.7111	0.1810
mfeat-pix		0.9800	0.0040	0.9807	0.9778	0.0223
mfeat-zer		0.8050	0.0390	0.8068	0.7833	0.1145
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.7647	0.0941	0.7482	0.7043	0.2448
mobile		0.7063	0.0105	0.7081	0.7009	0.1265
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8197	0.1803	0.7982	0.5960	0.6483
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4917	0.0924	0.5076	0.3835	0.5276
musk		1.0000	0.0000	1.0000	1.0000	0.0000
MUT_ci300400a_cdk_ECFP2		0.7878	0.2122	0.7831	0.5659	0.6919
MUT_ci300400a_cdk_ECFP4		0.7880	0.2120	0.7840	0.5673	0.6904
MUT_ci300400a_cdk_ECFP6		0.7820	0.2180	0.7768	0.5535	0.7025
MUT_ci300400a_cdk_ESTATE		0.7674	0.2326	0.7605	0.5209	0.7282
MUT_ci300400a_cdk_EXTENDED		0.8525	0.1475	0.8487	0.6974	0.5615
MUT_ci300400a_cdk_FCFP2		0.7737	0.2263	0.7695	0.5384	0.7147
MUT_ci300400a_cdk_FCFP4		0.7662	0.2338	0.7603	0.5206	0.7294
MUT_ci300400a_cdk_FCFP6		0.7734	0.2266	0.7722	0.5417	0.7086
MUT_ci300400a_cdk_MACCS		0.8405	0.1595	0.8360	0.6719	0.5884
MUT_ci300400a_cdk_PUBCHEM		0.8347	0.1653	0.8292	0.6578	0.5986
MUT_ci300400a_cdk_STANDARD		0.8443	0.1557	0.8389	0.6766	0.5742
MUT_ci300400a_rdkit_descriptors		0.8396	0.1604	0.8358	0.6715	0.5888
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9710	0.0290	0.9710	0.9420	0.1768
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA1%		0.9043	0.0101	0.4631	0.7313	0.4735
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6486	0.3514	0.6472	0.2944	0.8820
NHANES_age_prediction		0.9912	0.0088	0.9834	0.9662	0.0395
nomao		0.9585	0.0415	0.9489	0.8977	0.2554
NPHA-doctor-visits		0.4722	0.3519	0.3570	0.1114	0.7774
nursery		0.9938	0.0025	0.7961	0.9910	0.0158
obesity		0.9336	0.0190	0.9317	0.9225	0.0852
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9951	0.0049	0.9932	0.9863	0.0583
Occupancy_Estimation		0.9911	0.0044	0.9729	0.9731	0.0595
oh0-wc		0.4257	0.1149	0.4320	0.3201	0.3995
oh10-wc		0.3333	0.1333	0.3483	0.2491	0.5287
oh15-wc		0.3913	0.1217	0.3173	0.2950	0.5160
oh5-wc		0.3516	0.1297	0.3380	0.2573	0.4859
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%		0.8894	0.1106	0.6069	0.2081	0.6900
optdigits		0.9804	0.0039	0.9813	0.9782	0.0292
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9565	0.0435	0.5776	0.1349	0.5847
ozone8hr		0.8854	0.1146	0.5036	0.0068	0.7093
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8093	0.1907	0.7854	0.5704	0.6706
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8855	0.7631	0.4508
p53-mutants		0.9952	0.0048	0.6656	0.2838	0.4183
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9708	0.0117	0.6841	0.8367	0.1963
parkinson		0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons		0.7441	0.2559	0.7236	0.4456	0.7708
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle10%		0.8938	0.1062	0.8672	0.7341	0.4925
pasture		0.2500	0.5000	0.1667	-0.2000	0.5820
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.5567	0.4433	0.5032	0.0051	0.9277
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9188	0.8333	0.3888
pendigits		0.9936	0.0013	0.9936	0.9929	0.0123
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.6582	0.3077	0.8309
persistency		0.7434	0.2566	0.7235	0.4465	0.7735
pet-adoption		0.9250	0.0750	0.9145	0.8243	0.3269
phishing		0.9796	0.0204	0.9786	0.9571	0.1355
PhiUSIIL10%		0.9928	0.0072	0.9926	0.9853	0.0562
phone-acc0.1%		0.8783	0.0348	0.8700	0.8578	0.1358
phone-gyr0.1%		0.9375	0.0178	0.9328	0.9270	0.0905
phoneme		0.9093	0.0907	0.8873	0.7743	0.4440
phy		0.6960	0.3040	0.6963	0.3918	0.8243
pima		0.7237	0.2763	0.7023	0.3899	0.7718
pirvision		0.9987	0.0009	0.9977	0.9959	0.0038
placement		0.7870	0.2130	0.7793	0.5542	0.6825
plant-growth		0.5789	0.4211	0.5843	0.1648	0.9308
plrx		0.6667	0.3333	0.5282	0.0526	0.9011
poker1%		0.5200	0.0960	0.1059	0.0826	0.2715
poker10%		0.8415	0.0317	0.4440	0.7199	0.3675
polish-1st		0.9602	0.0398	0.5752	0.0594	0.3687
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9531	0.0469	0.6953	0.2451	0.2857
polish-5th		0.9340	0.0660	0.6547	0.2139	0.4432
polya		0.7427	0.2573	0.7152	0.4295	0.7788
popularity		0.6580	0.2280	0.4131	0.2248	0.4787
post-operative		0.5556	0.2963	0.2381	-0.2000	0.4881
postures		0.9926	0.0030	0.9925	0.9907	0.0220
pred-tox_mutagen_ref-desc		0.6029	0.3971	0.6030	0.2059	0.9259
prestige		1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor		0.1818	0.0744	0.0846	0.1027	0.2859
profb		0.6716	0.3284	0.6549	0.3041	0.8373
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate_GE		0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio10%		0.9861	0.0056	0.9769	0.9814	0.0462
pufs-1281%		0.5000	0.5000	0.5000	-0.0000	1.0000
pufs-641%		0.5050	0.4950	0.5050	0.0100	0.9972
pulsar		0.9848	0.0152	0.9536	0.9057	0.1524
raisin		0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc		0.6667	0.0513	0.6410	0.5677	0.3948
re1-wc		0.6265	0.0299	0.5182	0.5633	0.2726
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9835	0.0165	0.9834	0.9666	0.1076
rocket			0.6502	0.3498	0.6442	0.2873	0.8762
satimage			0.9051	0.0316	0.8952	0.8831	0.1633
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9533	0.0467	0.8734	0.7467	0.4462
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.5588	0.4412	0.5598	0.1176	0.9547
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9524	0.0136	0.9566	0.9443	0.0644
segmentation			0.7772	0.2228	0.7580	0.5159	0.7235
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram			0.8714	0.1286	0.6326	0.1598	0.5121
sens-2-gram			0.8184	0.1816	0.5853	0.1703	0.7607
sens-3-gram			0.8211	0.1789	0.5730	0.1444	0.7653
sens-4-gram			0.8132	0.1868	0.5657	0.1308	0.7691
sens-5-gram			0.8105	0.1895	0.5113	0.0215	0.7874
sens-6-gram			0.8079	0.1921	0.5190	0.0368	0.7861
sens-7-gram			0.8053	0.1947	0.5591	0.1179	0.7709
sens-8-gram			0.8184	0.1816	0.5924	0.1847	0.7574
sens-9-gram			0.7974	0.2026	0.5677	0.1353	0.7637
sensorless			0.9988	0.0002	0.9988	0.9987	0.0027
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8946	0.1054	0.7752	0.5356	0.5483
shuttle			0.9991	0.0002	0.9000	0.9976	0.1302
sick			0.9735	0.0265	0.8892	0.7775	0.3572
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin10%			0.9996	0.0004	0.9994	0.9988	0.0098
smarket			0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming			0.1800	0.4100	0.1808	-0.0939	0.8612
soil_pollution			0.2433	0.3027	0.2394	0.0536	0.8463
solar-flare			0.7410	0.0863	0.6843	0.6657	0.2050
sonar			0.7000	0.3000	0.7185	0.4000	0.7215
soybean			0.9559	0.0046	0.9846	0.9516	0.0283
spam-detection			0.9490	0.0510	0.8430	0.6855	0.4710
spambase			0.9174	0.0826	0.9135	0.8269	0.3874
spect			0.8148	0.1852	0.7168	0.4304	0.7152
spectf			0.9143	0.0857	0.8928	0.7835	0.4068
spectrometer			0.6038	0.0165	0.3064	0.5809	0.1128
splice-EI			0.9401	0.0599	0.9209	0.8418	0.3578
splice-IE			0.8707	0.1293	0.8235	0.6468	0.5865
sport-articles			0.8200	0.1800	0.8037	0.6051	0.6337
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.2667	0.2857	0.2308	0.1805
startup			0.9892	0.0108	0.9885	0.9767	0.0905
steel_industry			0.8736	0.0843	0.8406	0.7944	0.2774
steel-b			0.8103	0.1897	0.7220	0.4436	0.7233
steel-d			0.9949	0.0051	0.9553	0.9065	0.0226
steel-k			0.9846	0.0154	0.9767	0.9533	0.1586
steel-o			0.7846	0.2154	0.7599	0.5193	0.7134
steel-p			0.9333	0.0667	0.7373	0.4474	0.5093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9192	0.8247	0.4176
stock			0.8542	0.1458	0.7232	0.4303	0.6432
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.9720	0.0280	0.9717	0.9434	0.1745
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6150	0.1540	0.3505	0.3635	0.4252
student-depression			0.8308	0.1692	0.8244	0.6462	0.6001
student-habits			0.3400	0.2640	0.2754	0.0542	0.7585
student-weekend			0.3077	0.2769	0.1873	0.0429	0.7792
student-workday			0.6562	0.1375	0.2513	0.2068	0.6093
studentap			0.5385	0.3077	0.5111	0.2909	0.5610
susy1%			0.7900	0.2100	0.7902	0.5705	0.6546
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.6000	0.2667	0.6082	0.4000	0.6002
telco-churn			0.8693	0.1307	0.8309	0.6616	0.5696
texture			0.9964	0.0007	0.9965	0.9960	0.0053
theorem			0.9951	0.0049	0.9950	0.9899	0.0414
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8091	0.1909	0.7714	0.5247	0.6309
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f			0.6471	0.3529	0.5858	0.1639	0.8952
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5282	0.0517	0.8718
trec11-wc			0.7073	0.0650	0.5935	0.6347	0.2527
trec12-wc			0.6129	0.0968	0.6517	0.5040	0.1980
trec21-wc			0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc			0.6667	0.1111	0.6181	0.5212	0.3321
trec41-wc			0.4886	0.1023	0.2994	0.3119	0.2811
trec45-wc			0.4493	0.1101	0.4867	0.3118	0.3193
tuandromd			0.9865	0.0135	0.9796	0.9589	0.1547
turkish			0.7500	0.1250	0.7547	0.6667	0.3149
tvnews1%			0.8692	0.1308	0.8578	0.7131	0.5152
tvnews10%			0.8820	0.1180	0.8722	0.7437	0.4925
ur3_cobotops_grip			0.9782	0.0218	0.7978	0.5686	0.3508
ur3_cobotops_stop			0.9728	0.0272	0.7942	0.5860	0.4812
urban			0.7910	0.0464	0.8180	0.7560	0.1887
urinalysis			0.9371	0.0629	0.4838	-0.0126	0.4999
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9895	0.0105	0.6730	0.0330	0.0399
vehicle			0.7738	0.1131	0.7458	0.6968	0.1818
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9070	0.0930	0.9069	0.8139	0.4119
vowel			0.6263	0.0680	0.6460	0.5889	0.2303
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17			0.9157	0.0843	0.6860	0.3379	0.5668
wap-wc			0.4872	0.0513	0.3254	0.4265	0.3070
warpar10p			0.6154	0.0769	0.5600	0.5695	0.1417
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc1%			0.9898	0.0029	0.9896	0.9881	0.0218
watch-gyr1%			0.9888	0.0032	0.9887	0.9869	0.0242
water_pollution			0.2667	0.3667	0.2671	0.0219	0.8492
waveform			0.7600	0.1600	0.7599	0.6400	0.4866
weather-related			0.9750	0.0045	0.9759	0.9717	0.0390
web-phishing			0.8667	0.0889	0.8193	0.7686	0.3961
Weekly			0.9815	0.0185	0.9817	0.9627	0.1146
weight-lift			0.9934	0.0027	0.9930	0.9916	0.0208
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9900	0.0050	0.9901	0.9867	0.0255
wilt			0.9917	0.0083	0.9609	0.9187	0.2846
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6415	0.1195	0.3170	0.4245	0.4427
winequality-white			0.6319	0.1052	0.3657	0.4605	0.5159
winnipeg10%			0.9969	0.0009	0.9976	0.9961	0.0081
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5743	0.0851	0.4158	0.4475	0.3322
yeastCYT-POX			0.9388	0.0612	0.6903	0.3691	0.5991
yeastEXC			0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.9656	0.0069	0.9617	0.9614	0.0568

Table 134: Detailed results for NLDT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1655	0.0576	0.0784	0.0886	0.4894
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9178	0.0822	0.6033	0.2065	0.6507
accelerometer		0.9822	0.0178	0.6212	0.1192	0.3053
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8687	0.0875	0.3099	-0.0166	0.3138
AID1284Morered		0.8056	0.1944	0.4462	-0.0862	0.8010
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9883	0.0117	0.7352	0.2828	0.0436
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.7143	0.2857	0.4167	-0.1667	0.7987
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.6707	0.3056	0.7334
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID721morered		0.8889	0.1111	0.8333	0.6087	0.2605
AID721red		0.8889	0.1111	0.8333	0.6087	0.2605
aids		0.9061	0.0939	0.8680	0.7316	0.4434
air_pollution		0.1267	0.2495	0.1600	0.0062	0.5037
alcohol		0.7429	0.1029	0.3996	0.3530	0.3891
alzheimers		0.9395	0.0605	0.9336	0.8649	0.2853
anneal		0.9663	0.0135	0.9674	0.9317	0.1118
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9124	0.0438	0.6372	0.8337	0.2290
anuran-genus		0.8873	0.0282	0.5854	0.8137	0.2252
anuran-species		0.7778	0.0444	0.5127	0.6935	0.3171
anxiety		0.0917	0.2019	0.0604	-0.0217	0.6171
apple-quality		0.7675	0.2325	0.7679	0.5350	0.7195
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arrhythmia		0.5333	0.0718	0.2443	0.2512	0.3154
auction		0.9559	0.0441	0.8993	0.7983	0.3743
audiology		0.4783	0.0435	0.2054	0.4298	0.1569
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7000	0.1000	0.5820	0.6066	0.2830
avila		0.3728	0.1045	0.2632	0.2307	0.4382
babies		0.3065	0.1982	0.1368	-0.0178	0.6201
balance		0.8226	0.1183	0.7118	0.7022	0.3819
banknote		0.9854	0.0146	0.9854	0.9704	0.0814
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8272	0.1728	0.8151	0.5901	0.4822
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
biodeg		0.8095	0.1905	0.7948	0.5758	0.6172
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.6663	0.0230	0.0278	0.0215	0.0297
body-perf		0.4112	0.2944	0.5041	0.2149	0.4139
brain-tumor		0.5070	0.4930	0.5328	0.0167	0.6644
breast-cancer		0.7143	0.2857	0.6242	0.2432	0.8417
breast-cancer-co		0.6364	0.3636	0.6553	0.2903	0.8322
breast-tissue		0.7273	0.0909	0.6655	0.6667	0.1595
bridges		0.4000	0.1714	0.4547	0.3023	0.1549
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9565	0.0435	0.9518	0.9032	0.2392
cancer-uae		0.4150	0.3900	0.3166	0.0019	0.4608
car		0.8333	0.0833	0.7268	0.6752	0.2803
car-insurance		0.7300	0.2700	0.7281	0.4377	0.7378
card		0.8406	0.1594	0.8488	0.6834	0.5371
cardiotocography		0.5915	0.0817	0.4629	0.5143	0.3168
cardiotocography-nsp		0.8732	0.0845	0.8203	0.6806	0.4023
cardiovascular		0.7316	0.2684	0.7334	0.4631	0.7676
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.5520	0.5704	0.3117
cas_N6512_rdkit_descriptors		0.7215	0.2785	0.7204	0.4407	0.7926
cas_N6512_rdkit_MACCS		0.7358	0.2642	0.7349	0.4696	0.7717
cas_N6512_RDkit_MACCS_FP		0.7485	0.2515	0.7469	0.4937	0.7537
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.6534	0.2612	0.5311
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.9277	0.0361	0.8675	0.8916	0.1516
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8420	0.1580	0.7282	0.4376	0.6438
churn-bigml		0.9476	0.0524	0.8887	0.7703	0.3227
ci900367j_MACCS		0.6632	0.3368	0.7007	0.3605	0.7390
circles		0.2940	0.0141	0.1621	0.2869	0.1326
cirrhosis		0.7381	0.1746	0.5172	0.4310	0.2621
cjs		0.9964	0.0012	0.9962	0.9956	0.0059
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.6176	0.1912	0.4650	0.3644	0.3716
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4082	0.3946	0.4235	0.1905	0.4493
codon_usage		0.4866	0.0934	0.3394	0.4105	0.3606
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.9600	0.0053	0.9027	0.9560	0.0158
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6552	0.3448	0.6812	0.3318	0.7732
colposcopies-2		0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3		0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6		0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c		0.8276	0.1724	0.7767	0.5511	0.6703
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
column-3c		0.8065	0.1290	0.7844	0.6771	0.3067
cottonmeloidogyne		0.6899	0.3101	0.6939	0.3809	0.8156
coupon		0.6790	0.3210	0.6678	0.3166	0.8139
covtypeCD		0.9553	0.0447	0.9081	0.8155	0.3913
covtypeT		0.9561	0.0439	0.8039	0.5717	0.3443
crabs		0.5000	0.2500	0.5896	0.3333	0.4125
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.7263	0.0912	0.4429	0.4946	0.3317
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.2188	0.0391	0.1479	0.1992	0.1859
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1533	0.2822	0.0787	-0.0034	0.5729
cyclopentane		0.7407	0.2593	0.7905	0.5039	0.4848
cylinder-bands		0.6481	0.3519	0.6313	0.2332	0.8267
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
default		0.8273	0.1727	0.7145	0.3873	0.6193
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
depressed		0.8462	0.1538	0.6575	0.1747	0.4663
dermatology		0.8919	0.0360	0.8680	0.8646	0.1106
desharnais		0.7500	0.1667	0.7132	0.5789	0.3187
df_final		0.4375	0.3750	0.4242	0.1000	0.3937
DIA		0.7667	0.2333	0.6889	0.3778	0.7765
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-risk		0.9163	0.0837	0.8672	0.7305	0.4365
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dota210%		0.5350	0.4650	0.5236	0.0366	0.9021
dropout		0.6862	0.2092	0.6139	0.4224	0.3566
drug-01		0.2394	0.2173	0.1794	0.0355	0.5111
drug-02		0.4309	0.1626	0.1521	0.1216	0.6319
drug-03		0.4787	0.1489	0.1484	0.1133	0.5403
drug-04		0.4681	0.1520	0.1900	0.1432	0.6221
drug-05		0.5798	0.1201	0.1729	0.1126	0.4976
drug-06		0.2021	0.2280	0.1850	0.0683	0.6869
drug-07		0.4202	0.1657	0.1482	0.0207	0.4500
drug-08		0.3032	0.1991	0.1841	0.0938	0.5559
drug-09		0.7234	0.0790	0.1610	0.1344	0.2692
drug-10		0.2819	0.2052	0.2197	0.0735	0.5331
drug-11		0.6915	0.0881	0.1194	-0.0019	0.3540
drug-12		0.5532	0.1277	0.1658	0.1492	0.3478
drug-13		0.3457	0.1869	0.1521	0.1252	0.5967
drug-14		0.3830	0.1763	0.1591	0.1115	0.5021
drug-15		0.4468	0.1581	0.1631	0.0632	0.5137
drug-16		0.4521	0.1565	0.2134	0.2338	0.5627
drug-17		0.3138	0.1960	0.1866	0.0334	0.6875
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.4468	0.1581	0.1269	0.0153	0.3804
drybean		0.7693	0.0659	0.7578	0.7249	0.2646
ecoli		0.7353	0.0662	0.4213	0.6344	0.1527
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2400	0.3800	0.2674	-0.0136	0.6666

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
eeg-eye		0.7243	0.2757	0.7233	0.4460	0.7872
eeg10%		0.1184	0.1102	0.1046	0.0564	0.5861
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4384	0.2247	0.3916	0.2897	0.5034
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.5294	0.4706	0.3462	-0.0390	0.7106
fishcatch		0.6250	0.1250	0.5405	0.5407	0.2364
flags		0.6000	0.1000	0.3493	0.4904	0.2450
forest		0.8077	0.0962	0.7929	0.7342	0.2444
gas		0.5981	0.1340	0.6570	0.5113	0.3462
gastrointestinal		0.7500	0.1667	0.7726	0.5975	0.3710
gender		0.5600	0.2933	0.3843	0.1125	0.6391
gene		0.8328	0.1115	0.8390	0.7428	0.3455
german		0.6600	0.3400	0.5768	0.1123	0.8016
gestures		0.4495	0.2753	0.4001	0.2648	0.3464
glass		0.6190	0.1270	0.6436	0.4815	0.2406
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.7619	0.2381	0.7548	0.5070	0.7331
glassBWNFP		0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM		0.6842	0.3158	0.6910	0.3736	0.8166
glioma-grade		0.8929	0.1071	0.8949	0.7840	0.4385
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.2667	0.3667	0.3710	0.0294	0.5422
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
har701%		0.6332	0.1048	0.3863	0.5151	0.3684
har7010%		0.6580	0.0977	0.4109	0.5433	0.3430
harth1%		0.5676	0.0721	0.2353	0.4318	0.3356
hayes-roth		0.6250	0.2500	0.7692	0.4286	0.2146
hcc-survival		0.7647	0.2353	0.7548	0.4925	0.6907
health-activity		0.6400	0.1800	0.3114	0.1896	0.3300
heart		0.7778	0.2222	0.7794	0.5525	0.6913
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.9380	0.0620	0.9290	0.8479	0.1959
heart-quantum		0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.9110	0.8060	0.4011
higgs0.1%		0.6582	0.3418	0.6555	0.3092	0.8690
higher		0.1429	0.2143	0.0714	0.0000	0.4122
hinselmann		0.5000	0.5000	0.3333	-0.3158	0.8298
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8887	0.1113	0.7867	0.5651	0.5640
horse		0.5000	0.3333	0.3493	0.1231	0.7623
hotel-reservartions		0.8412	0.1588	0.8157	0.6290	0.5999
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.6727	0.2182	0.6936	0.4998	0.5087
htru2		0.9788	0.0212	0.9335	0.8643	0.1995
hypothyroid		0.9894	0.0053	0.7203	0.9368	0.1292
hypothyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
ilpd		0.6610	0.3390	0.6296	0.2522	0.8391

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
immuno-therapy		0.5556	0.4444	0.3571	-0.2857	0.9011
instagram		0.9733	0.0133	0.9742	0.9644	0.0509
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.9800	0.0200	0.9800	0.9592	0.1023
jm1		0.8127	0.1873	0.6233	0.1826	0.6538
jvowels		0.4177	0.1294	0.3776	0.3465	0.4252
kc1		0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot		0.7333	0.2667	0.7458	0.3750	0.4472
kc1-class-level-numericdefect		0.4286	0.0476	0.0333	0.2113	0.2423
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.6616	0.3185	0.7781
kepler		0.7845	0.1437	0.7501	0.6215	0.3658
kidney		0.7639	0.0945	0.1908	0.0132	0.3332
kidney-disease		0.9500	0.0500	0.9467	0.8933	0.2764
krkopt		0.2656	0.0816	0.1775	0.1849	0.5204
krvskp		0.9436	0.0564	0.9460	0.8874	0.2511
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.1471	0.0426	0.0696	0.1251	0.2310
led24		0.4500	0.1100	0.3768	0.3872	0.2199
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.1485	0.0655	0.1987	0.1151	0.4441
libra		0.4722	0.0704	0.4703	0.4380	0.2051
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.6765	0.3235	0.6579	0.3100	0.8329
loan		0.9789	0.0211	0.9778	0.9554	0.1492
localization10%		0.3319	0.1215	0.2461	0.2125	0.5321
lrs		0.6792	0.0642	0.3015	0.5691	0.2438
lung_discrete		0.5000	0.1429	0.4286	0.3962	0.1715
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7857	0.1071	0.4188	0.6075	0.1780
machine-failure		0.8936	0.1064	0.8900	0.7792	0.4498
magic04		0.8327	0.1673	0.8152	0.6302	0.6194
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8646	0.1354	0.8643	0.7285	0.5266
marketing		0.8527	0.1473	0.6259	0.2041	0.6489
maternal		0.6535	0.2310	0.6623	0.4672	0.5661
math		0.8500	0.0750	0.8839	0.7699	0.2077
mba		0.8371	0.1086	0.3038	-0.0030	0.2068
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.2421	0.0033	0.4859
messidor		0.6522	0.3478	0.6845	0.3324	0.7683
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.6707	0.7642	0.1392
meter-D		0.7778	0.1111	0.8333	0.7120	0.0860
mfeat-fac		0.4450	0.1110	0.4451	0.3833	0.2986
mfeat-fou		0.4550	0.1090	0.5191	0.3944	0.3257
mfeat-kar		0.5250	0.0950	0.5832	0.4722	0.4105
mfeat-mor		0.3750	0.1250	0.3467	0.3056	0.2767
mfeat-pix		0.5700	0.0860	0.5530	0.5222	0.2783
mfeat-zer		0.3700	0.1260	0.3951	0.3000	0.4189
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9623	0.0252	0.9613	0.9416	0.0809
mines		0.4412	0.2235	0.4022	0.2885	0.3408
mobile		0.0559	0.0337	0.0605	0.0391	0.3683

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8033	0.1967	0.8220	0.6086	0.5616
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.1144	0.1610	0.2390	0.0501	0.4718
musk		0.9242	0.0758	0.8439	0.6411	0.2391
MUT_ci300400a_cdk_ESTATE		0.7314	0.2686	0.7269	0.4531	0.7793
MUT_ci300400a_rdkit_descriptors		0.7832	0.2168	0.7767	0.5462	0.6803
myocardial		0.7235	0.0691	0.3738	0.2945	0.2553
naticusdroid		0.9250	0.0750	0.9266	0.8500	0.3322
NCI60		0.3333	0.2222	0.2857	0.2000	0.2364
ncRNA1%		0.8162	0.0193	0.1829	0.5304	0.3297
neo		0.9120	0.0880	0.6789	0.2003	0.3464
new-thyroid		0.9524	0.0317	0.9462	0.9000	0.1719
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.5000	0.3333	0.3255	0.0000	0.6425
nursery		0.8935	0.0426	0.5454	0.8425	0.0984
obesity		0.5972	0.1151	0.6145	0.5270	0.3367
obs		0.7037	0.1481	0.7992	0.6065	0.2476
occupancy		0.9903	0.0097	0.9866	0.9730	0.1150
Occupancy_Estimation		0.9911	0.0044	0.9687	0.9729	0.0162
olive		0.9123	0.0195	0.8911	0.8910	0.0458
opn310k10%		0.9066	0.0934	0.6224	0.2061	0.6078
optdigits		0.4840	0.1032	0.5240	0.4263	0.3947
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.3000	0.0350	0.2580	0.2821	0.2017
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9051	0.0949	0.6747	0.3486	0.6546
page-blocks		0.9324	0.0271	0.5738	0.5620	0.3108
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.8910	0.1090	0.8847	0.7597	0.4081
parkinsons-small		0.8421	0.1579	0.8508	0.6587	0.4882
particle10%		0.8831	0.1169	0.8543	0.7086	0.5256
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9459	0.0541	0.7609	0.3822	0.1456
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.7731	0.5294	0.6004
pendigits		0.6360	0.0728	0.6408	0.5952	0.3016
period		0.5556	0.4444	0.5000	0.0000	0.9591
period-10f		0.5556	0.4444	0.5791	0.1429	0.8628
persistency		0.8163	0.1837	0.8021	0.6031	0.6442
pet-adoption		0.9400	0.0600	0.9319	0.8600	0.2695
phishing		0.9469	0.0531	0.9448	0.8893	0.2887
phone-acc0.1%		0.5276	0.1350	0.5767	0.4488	0.2894
phone-gyr0.1%		0.6734	0.0933	0.6626	0.6172	0.2397
phoneme		0.8204	0.1796	0.7667	0.5248	0.6528
pima		0.7500	0.2500	0.7330	0.4612	0.7515
pirvision		0.9876	0.0083	0.9781	0.9602	0.0624
placement		0.7800	0.2200	0.7729	0.5452	0.7053
plant-growth		0.5263	0.4737	0.5444	0.0757	0.9099
plrx		0.6111	0.3889	0.4834	-0.0328	0.9365
poker1%		0.4585	0.1083	0.1261	0.0408	0.3363
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9602	0.0398	0.7575	0.4489	0.3363

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
polish-5th		0.9509	0.0491	0.7739	0.4534	0.2376
polya		0.7092	0.2908	0.6749	0.3476	0.8255
post-operative		0.5556	0.2963	0.4023	0.2000	0.4007
pred-tox_mutagen_ref-desc		0.6912	0.3088	0.7072	0.3824	0.7477
prestige		0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor		0.1515	0.0771	0.1059	0.1038	0.2924
profb		0.6269	0.3731	0.5621	0.1235	0.9205
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
puc-rio10%		0.7936	0.0826	0.6769	0.7169	0.2701
pufs-641%		0.5258	0.4742	0.5262	0.0518	0.9798
pulsar		0.9777	0.0223	0.9303	0.8546	0.1586
raisin		0.8778	0.1222	0.8779	0.7556	0.4920
rice		0.9808	0.0192	0.9807	0.9610	0.1178
rocket		0.6401	0.3599	0.6454	0.2841	0.8643
satimage		0.7138	0.0954	0.7045	0.6499	0.3338
satimageF		0.9860	0.0140	0.9632	0.9255	0.1348
satimageT		0.9378	0.0622	0.8140	0.6215	0.4793
scadi		0.8571	0.0408	0.5333	0.8056	0.0421
schiller		0.8889	0.1111	0.8333	0.6087	0.2605
schizo		0.5000	0.5000	0.5000	0.0000	0.9694
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.9359	0.0641	0.4834	0.0000	0.1628
seeds		0.9048	0.0635	0.9152	0.8571	0.1726
segment		0.7662	0.0668	0.8202	0.7283	0.1270
segmentation		0.8119	0.1881	0.7900	0.5600	0.6017
segmentO		0.9913	0.0087	0.9828	0.9655	0.1114
seismic		0.9341	0.0659	0.4830	0.0000	0.1661
semeion		0.9811	0.0189	0.9541	0.9038	0.3038
sens-1-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.9019	0.0981	0.7963	0.5852	0.5410
shuttle		0.9974	0.0007	0.6159	0.9927	0.0105
sick		0.9841	0.0159	0.9325	0.8554	0.0582
sirtuin6		0.9000	0.1000	0.9083	0.8000	0.3145
skin		0.9699	0.0301	0.9536	0.9037	0.1333
skin10%		0.9702	0.0298	0.9540	0.9067	0.1859
smarket		0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming		0.2000	0.4000	0.0862	-0.0799	0.6732
soil_pollution		0.2100	0.3160	0.2384	0.0121	0.5627
solar-flare		0.6619	0.1127	0.5286	0.5663	0.1522
sonar		0.5500	0.4500	0.5525	0.1000	0.9473
soybean		0.6912	0.0325	0.5462	0.6641	0.1028
spam-detection		0.9555	0.0445	0.8652	0.7304	0.4411
spambase		0.8870	0.1130	0.8822	0.7567	0.4306
spect		0.7037	0.2963	0.7105	0.3684	0.6735
spectf		0.7429	0.2571	0.7625	0.4793	0.6462
spectrometer		0.1509	0.0354	0.0401	0.1183	0.2212
splice-EI		0.9464	0.0536	0.9282	0.8561	0.3170
splice-IE		0.9054	0.0946	0.8730	0.7451	0.4929
sport-articles		0.8100	0.1900	0.7974	0.5947	0.6609
squash-stored		1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored		0.4000	0.4000	0.3419	0.0625	0.2379
startup		1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry		0.8539	0.0974	0.8201	0.7639	0.2974
steel-b		0.8256	0.1744	0.7195	0.4345	0.7007
steel-d		0.9692	0.0308	0.4922	0.0000	0.0938

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
steel-k		0.9744	0.0256	0.9604	0.9175	0.0949
steel-o		0.7744	0.2256	0.7408	0.4629	0.6919
steel-p		0.9385	0.0615	0.8313	0.6511	0.5507
steel-s		0.9590	0.0410	0.4895	0.0000	0.1168
steel-z		0.9795	0.0205	0.9450	0.8886	0.3044
stock		0.8611	0.1389	0.7272	0.3825	0.5036
stockb		0.9824	0.0117	0.9825	0.9736	0.0528
streaming		0.9900	0.0100	0.9900	0.9797	0.0610
stress		0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle		0.4450	0.2220	0.2929	0.2090	0.5250
student-habits		0.3400	0.2640	0.1625	-0.0176	0.5969
student-weekend		0.2154	0.3138	0.2888	0.0304	0.6727
student-workday		0.5938	0.1625	0.2016	0.0556	0.4673
studentap		0.3846	0.4103	0.3937	0.0370	0.7295
susy1%		0.7660	0.2340	0.7648	0.5295	0.7253
tae		0.6000	0.2667	0.6667	0.4000	0.4056
telco-churn		0.8580	0.1420	0.8071	0.5959	0.5341
texture		0.5855	0.0754	0.6329	0.5434	0.2358
theorem		1.0000	0.0000	1.0000	1.0000	0.0000
thoracic		0.7660	0.2340	0.4337	-0.1215	0.8316
Thyroid_Diff		0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe		0.9158	0.0842	0.9080	0.7992	0.2428
titanic		0.8182	0.1818	0.7934	0.5163	0.4251
tourist		0.3750	0.2083	0.2500	0.2453	0.2966
toxicity		0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f		0.6471	0.3529	0.6136	0.2273	0.8920
trains		0.5000	0.5000	0.3333	0.0000	0.5283
transfusion		0.6400	0.3600	0.5334	0.0664	0.8772
tuandromd		0.9664	0.0336	0.9468	0.8906	0.1800
turkish		0.5250	0.2375	0.5373	0.3667	0.5084
tvnews1%		0.7692	0.2308	0.7659	0.5251	0.7101
ur3_cobotops_grip		0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop		0.9633	0.0367	0.4906	0.0000	0.1074
urban		0.7463	0.0564	0.6621	0.7003	0.1905
urinalysis		0.9580	0.0420	0.7629	0.3863	0.1201
vehicle		0.7262	0.1369	0.5967	0.6167	0.3262
vehicleVAN		0.9405	0.0595	0.9221	0.8438	0.3634
voice		0.5833	0.4167	0.5598	0.1176	0.9159
vote		0.8140	0.1860	0.8139	0.6277	0.6376
vowel		0.4444	0.1010	0.4298	0.3889	0.2627
vowelZ		0.8889	0.1111	0.6083	0.2092	0.6886
watch-acc1%		0.5518	0.1281	0.6382	0.4783	0.3363
watch-gyr1%		0.5742	0.1216	0.6108	0.5031	0.3103
water_pollution		0.2400	0.3800	0.2747	-0.0183	0.7124
waveform		0.6460	0.2360	0.6709	0.4671	0.5406
weather-related		0.4750	0.0955	0.4312	0.4164	0.2458
web-phishing		0.8222	0.1185	0.7474	0.6809	0.4511
Weekly		1.0000	0.0000	1.0000	1.0000	0.0000
white-clover		0.5000	0.2500	0.2692	0.1000	0.3195
wifi-loc		0.9850	0.0075	0.9852	0.9800	0.0343
wilt		0.9710	0.0290	0.8262	0.6355	0.3562
wine		0.8235	0.1176	0.8368	0.6982	0.2770
winequality-red		0.4969	0.1677	0.2350	0.1835	0.4653
winequality-white		0.3231	0.1934	0.2075	0.0482	0.4376
wisc_bc		0.9474	0.0526	0.9432	0.8858	0.2729
yale		0.0625	0.1250	0.0190	0.0000	0.2404
yeast		0.4189	0.1162	0.2429	0.2211	0.4036
yeastCYT-POX		0.9592	0.0408	0.4896	0.0000	0.1164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastEXC			0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1			0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053

Table 135: Detailed results for NNR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1928	0.0769	0.1594	0.1098	0.5168
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7941	0.5718	0.5732
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8468	0.1532	0.7750	0.5435	0.6251
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9126	0.0874	0.5746	0.1393	0.6658
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6000	0.4000	0.4724	-0.0526	0.9519
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9987	0.0013	0.4997	-0.0005	0.5055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.9014	0.0986	0.8617	0.7201	0.4675
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8518	0.1482	0.6016	0.0317	0.3709
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8000	0.0800	0.4020	0.5334	0.2427
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8558	0.1442	0.8398	0.6778	0.5580
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9652	0.0174	0.8855	0.9337	0.2083
anuran-genus		0.9499	0.0125	0.8667	0.9173	0.1489
anuran-species		0.9431	0.0114	0.8442	0.9208	0.0918
anxiety		0.1333	0.1926	0.1453	0.0237	0.7327
apple-quality		0.8900	0.1100	0.8910	0.7800	0.4508
aps-failure		0.9855	0.0145	0.8371	0.6615	0.5177
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.5111	0.0978	0.1112	0.1852	0.3133
auction		0.9657	0.0343	0.9192	0.8319	0.2164
audiology		0.8636	0.0248	0.7721	0.8378	0.0626
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.9000	0.0400	0.9032	0.8667	0.0854
avila		0.6363	0.0606	0.4181	0.4957	0.3628
babies		0.5161	0.1382	0.2270	0.2392	0.3694
balance		0.9355	0.0430	0.8103	0.8844	0.2440
bank		0.8995	0.1005	0.6840	0.3032	0.5257
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8986	0.1014	0.8903	0.7710	0.3839
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9973	0.0027	0.9183	0.8347	0.2234
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.8952	0.1048	0.8896	0.7789	0.4599
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0667	0.6667	0.7143	0.0602
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9540	0.0230	0.8920	0.9022	0.1719
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8841	0.1159	0.8816	0.7575	0.4481
cardiotocography		0.8216	0.0357	0.7514	0.7862	0.2177
cardiotocography-nsp		0.8779	0.0814	0.8023	0.6667	0.3318
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6594	0.5429	0.4205
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7492	0.2508	0.7502	0.4987	0.7466
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.7592	0.2408	0.7597	0.5182	0.7323
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8475	0.1017	0.4201	0.1861	0.3211
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9479	0.0521	0.7537	0.5055	0.5574
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.8269	0.6485	0.5273
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9995	0.0005	0.8697	0.7383	0.3424
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9992	0.0008	0.8343	0.6663	0.4707
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8510	0.1490	0.7456	0.4730	0.6192
churn-bigml		0.9064	0.0936	0.7963	0.5850	0.5349
ci900367j_MACCS		0.6737	0.3263	0.6593	0.3178	0.8552
circles		0.7450	0.0051	0.7386	0.7424	0.0688
cirrhosis		0.7857	0.1429	0.5347	0.5762	0.3577
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8185	0.0907	0.5777	0.7167	0.3044
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5578	0.2948	0.5227	0.3034	0.7070
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8473	0.0278	0.5408	0.8138	0.2353
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.9221	0.0779	0.9055	0.8092	0.4196
collins		0.4200	0.0773	0.2854	0.3533	0.3042
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2		0.5862	0.4138	0.5100	0.0169	0.9290
colposcopies-3		0.6552	0.3448	0.6446	0.2892	0.8782
colposcopies-4		0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5		0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6		0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
connect-4		0.9991	0.0006	0.9807	0.9800	0.0537
cottonmeloidogyne		0.7812	0.2188	0.7813	0.5625	0.6982
coupon		0.7177	0.2823	0.7088	0.4131	0.7938
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.5318	0.1338	0.2033	0.1457	0.2558
covtypeCD		0.9488	0.0512	0.8862	0.7693	0.3641
covtypeT		0.9649	0.0351	0.8543	0.7032	0.3829
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced		0.8949	0.0350	0.7373	0.7787	0.3027
cryotherapy		0.5556	0.4444	0.5791	0.1429	0.8961
cultivars		0.1562	0.0527	0.1212	0.1290	0.1706
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.7593	0.2407	0.7527	0.5049	0.7398
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8260	0.1740	0.7149	0.4015	0.6500
defect		0.9043	0.0957	0.8022	0.5592	0.3930
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9033	0.0967	0.7420	0.4769	0.5987
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.5625	0.2917	0.6099	0.3086	0.4071
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.5641	0.1743	0.3085	0.3474	0.4318
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9938	0.0062	0.5294	0.0576	0.4895
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5977	0.4023	0.5948	0.1888	0.9300
dota210%		0.5670	0.4330	0.5633	0.1257	0.9547
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7585	0.1610	0.6684	0.5961	0.4749
drug-01		0.4096	0.1687	0.1521	0.0352	0.3583
drug-02		0.5319	0.1337	0.2318	0.1632	0.4794
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5479	0.1292	0.2102	0.1146	0.3879
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-06		0.4309	0.1626	0.2572	0.2700	0.4560
drug-07		0.4255	0.1915	0.0999	-0.0049	0.3143
drug-08		0.5638	0.1246	0.1974	0.1487	0.4436
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5532	0.1277	0.1544	0.1581	0.3564
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6277	0.1064	0.1787	0.2565	0.3227
drug-14		0.6117	0.1109	0.2791	0.3034	0.4193
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5851	0.1185	0.3057	0.3171	0.4067
drug-17		0.3670	0.1809	0.1630	0.1242	0.5043
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9273	0.0208	0.9405	0.9120	0.1186
ecoli		0.8529	0.0490	0.7193	0.7937	0.1721
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2400	0.3800	0.2311	-0.0135	0.8372
eeg		0.3377	0.0828	0.2839	0.2585	0.5581
eeg-eye		0.7423	0.2577	0.7384	0.4757	0.7621
eeg10%		0.3333	0.0833	0.2969	0.2566	0.5591
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6027	0.1589	0.4832	0.4795	0.3669
euthyroid		0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9573	0.0427	0.9573	0.9145	0.2374
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9038	0.0481	0.8846	0.8678	0.1583
gas		0.9849	0.0050	0.9847	0.9817	0.0399
gastrointestinal		0.5625	0.2917	0.4375	0.2911	0.4102
gender		0.6063	0.2625	0.4469	0.1483	0.5378
gene		0.8612	0.0925	0.8435	0.7771	0.3465
german		0.7500	0.2500	0.7109	0.3990	0.7288
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8703	0.1297	0.8708	0.7402	0.5050
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7619	0.0794	0.7455	0.6708	0.2320
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP		0.7143	0.2857	0.7361	0.4375	0.7044
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4667	0.2667	0.4848	0.2814	0.4637
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.3385	0.1102	0.0843	0.2032	0.2144
har		0.7457	0.1017	0.7406	0.6786	0.3815
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8854	0.0327	0.5219	0.8323	0.1405
har7010%		0.8590	0.0403	0.5075	0.7923	0.1629
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.7627	0.0395	0.3310	0.6732	0.2183
harth10%		0.7674	0.0388	0.3323	0.6757	0.2012
hayes-roth		0.5625	0.2917	0.5865	0.3293	0.3945
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7600	0.1200	0.2688	0.0358	0.3239
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.6667	0.3333	0.5379	0.0741	0.8303
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8480	0.1520	0.8496	0.6962	0.5533
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.8471	0.6486	0.5000
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6927	0.3073	0.6919	0.3838	0.8306
higgs1%		0.6783	0.3217	0.6764	0.3525	0.8487
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0890	0.0552	0.3352
hinselmann		0.7000	0.3000	0.6098	0.2105	0.7892
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9292	0.0708	0.8719	0.7433	0.4465
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5833	0.2778	0.4041	0.2541	0.5240
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.7258	0.1828	0.7307	0.5897	0.4720
ht-sensor10%		0.7187	0.1875	0.7233	0.5776	0.5020
htru2		0.9799	0.0201	0.9384	0.8765	0.2462
hypothyroid		0.9735	0.0133	0.6672	0.8398	0.2026
hypothyroidT		0.9920	0.0080	0.9739	0.9465	0.2137
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		0.8667	0.0889	0.8500	0.7973	0.2122
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0783	0.0709	0.0303	0.0414	0.3482
jm1		0.8154	0.1846	0.6314	0.1966	0.6443
jvowels		0.9036	0.0214	0.8934	0.8907	0.1354
kc1		0.8483	0.1517	0.6483	0.2611	0.6660
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6154	0.1538	0.2756	0.2935	0.3857

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9949	0.0008	0.5876	0.9914	0.0407
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3287	0.0746	0.2102	0.2422	0.5136
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7647	0.0205	0.7495	0.7525	0.0550
led24		0.7500	0.0556	0.7729	0.7159	0.1359
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.5475	0.0348	0.5503	0.5292	0.3556
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8056	0.0259	0.7652	0.7912	0.0526
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7647	0.2353	0.7455	0.4868	0.7356
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8679	0.0377	0.6319	0.8163	0.0830
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.6429	0.2381	0.4872	0.3913	0.4368
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.8936	0.1064	0.8904	0.7809	0.4568
madelon		0.5115	0.4885	0.5115	0.0231	0.9931
magic04		0.8695	0.1305	0.8545	0.7024	0.4998
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.8929	0.1071	0.7627	0.5124	0.5713
maternal		0.6436	0.2376	0.6521	0.4525	0.5523
math		0.7250	0.1375	0.6400	0.5817	0.4150
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2333	0.3067	0.1761	0.0319	0.5883
messidor		0.7043	0.2957	0.6980	0.3957	0.8189
meter-A		0.6250	0.3750	0.6291	0.2500	0.8686
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9330	0.9241	0.0699
meter-D		0.7778	0.1111	0.6350	0.6856	0.1970
mfeat-fac		0.7650	0.0470	0.7615	0.7389	0.1595
mfeat-fou		0.7900	0.0420	0.7910	0.7667	0.1794

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-kar		0.9150	0.0170	0.9167	0.9056	0.0992
mfeat-mor		0.7200	0.0560	0.7221	0.6889	0.1985
mfeat-pix		0.3550	0.1290	0.2718	0.2833	0.2815
mfeat-zer		0.7950	0.0410	0.7969	0.7722	0.1814
mice-prot		0.9907	0.0023	0.9917	0.9894	0.0118
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5231	0.4463	0.4226
mobile		0.4545	0.0195	0.4558	0.4447	0.2217
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8689	0.1311	0.8521	0.6958	0.4955
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9788	0.0212	0.9591	0.9182	0.2017
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7494	0.2506	0.7402	0.4794	0.7558
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.7902	0.2098	0.7834	0.5666	0.6884
MUT_ci300400a_cdk_PUBCHEM		0.8216	0.1784	0.8176	0.6349	0.6279
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.8058	0.1942	0.8001	0.5987	0.6540
myocardial		0.8765	0.0309	0.2733	0.4498	0.1850
naticusdroid		0.9662	0.0338	0.9663	0.9325	0.1983
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.8732	0.0133	0.2132	0.6056	0.1864
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.7619	0.1587	0.4301	0.4697	0.1504
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6554	0.3446	0.6532	0.3062	0.8750
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9367	0.0633	0.9239	0.8473	0.3608
NPHA-doctor-visits		0.4583	0.3611	0.2669	-0.0796	0.5798
nursery		0.9653	0.0174	0.9440	0.9491	0.0883
obesity		0.8578	0.0406	0.8562	0.8340	0.1714
obs		0.8611	0.0694	0.9006	0.7881	0.1578
occupancy		0.9898	0.0102	0.9860	0.9717	0.1196
Occupancy_Estimation		0.9941	0.0030	0.9800	0.9820	0.0287
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9298	0.0156	0.9014	0.9124	0.0363
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.8808	0.0238	0.8857	0.8675	0.1386
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0250	0.0488	0.0012	0.0000	0.4257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr		0.9051	0.0949	0.5818	0.1534	0.6730
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9671	0.0132	0.8194	0.8097	0.3151
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.8104	0.1896	0.8100	0.6124	0.6345
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.9251	0.0749	0.9072	0.8144	0.3971
particle10%		0.9308	0.0692	0.9147	0.8294	0.3802
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8553	0.1447	0.8183	0.6333	0.6082
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.9172	0.0166	0.9183	0.9079	0.1196
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.7988	0.2012	0.7847	0.5694	0.6809
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.9350	0.0650	0.9258	0.8501	0.3194
phishing		0.9551	0.0449	0.9533	0.9063	0.2564
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%		0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%		0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.7963	0.2037	0.7741	0.5385	0.6825
phy		0.7020	0.2980	0.7043	0.4034	0.8050
pima		0.7368	0.2632	0.7191	0.4081	0.7142
pirvision		0.9987	0.0009	0.9977	0.9959	0.0204
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.6316	0.3684	0.6292	0.2570	0.8973
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.0000	0.2222	0.0000	0.0000	0.2380
poker1%		0.5210	0.1369	0.1536	0.0541	0.2576
poker10%		0.5437	0.1141	0.1501	0.1162	0.2763
polish-1st		0.9559	0.0441	0.4887	-0.0100	0.4925
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9239	0.0761	0.6739	0.3436	0.6286
polya		0.7773	0.2227	0.7643	0.5268	0.7157
popularity		0.6648	0.2235	0.4156	0.2206	0.4670
post-operative		0.4444	0.3704	0.2051	-0.3636	0.5085
postures		0.8789	0.0485	0.8796	0.8485	0.2061
pred-tox_mutagen_ref-desc		0.6029	0.3971	0.6030	0.2059	0.9259
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.4848	0.0793	0.3103	0.4199	0.2640

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
processed			0.9999	0.0001	0.9999	0.9998	0.0014
profb			0.7910	0.2090	0.7691	0.5370	0.7030
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.9038	0.0385	0.8414	0.8699	0.1774
puc-rio10%			0.9240	0.0304	0.8587	0.8974	0.1398
pufs-1281%			0.4918	0.5082	0.4918	-0.0164	1.0000
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5050	0.4950	0.5050	0.0100	0.9971
pufs-6410%			0.4998	0.5002	0.4997	-0.0005	0.9951
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6488	0.3512	0.6242	0.2409	0.8789
RT_IOT2022			0.9486	0.0086	0.5210	0.8707	0.0270
satimage			0.8663	0.0446	0.8458	0.8353	0.2042
satimageF			0.9891	0.0109	0.9726	0.9449	0.1852
satimageT			0.9456	0.0544	0.8417	0.6809	0.4539
scadi			0.8571	0.0571	0.7467	0.8056	0.0503
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5000	0.5000	0.5000	0.0000	0.9994
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.9573	0.0427	0.9584	0.9142	0.2177
seeds			0.3333	0.4444	0.1667	0.0000	0.4167
segment			0.9567	0.0124	0.9610	0.9494	0.0596
segmentation			0.8465	0.1535	0.8300	0.6581	0.5790
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8970	0.1030	0.7866	0.5667	0.5620
shuttle			0.9978	0.0006	0.8289	0.9937	0.2370
sick			0.9655	0.0345	0.8459	0.6799	0.3545
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9994	0.0006	0.9991	0.9983	0.0112
skin10%			0.9988	0.0012	0.9981	0.9963	0.0207
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
soil_pollution			0.2000	0.3200	0.2076	0.0012	0.8353
solar-flare			0.7554	0.0815	0.5877	0.6854	0.1994
sonar			0.7000	0.3000	0.7041	0.4000	0.7994
soybean			0.9853	0.0015	0.9447	0.9838	0.0064
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9152	0.0848	0.9109	0.8212	0.3865
spect			0.7407	0.2593	0.6469	0.2921	0.7993
spectf			0.9143	0.0857	0.8928	0.7835	0.4068
spectrometer			0.5192	0.0356	0.4007	0.4914	0.1586
splice-EI			0.9369	0.0631	0.9189	0.8369	0.3785
splice-IE			0.9211	0.0789	0.8963	0.7904	0.4441
sport-articles			0.8200	0.1800	0.8094	0.6182	0.6401
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8162	0.1225	0.7727	0.7005	0.3505
steel-b			0.8256	0.1744	0.7113	0.4118	0.6926
steel-d			0.9897	0.0103	0.9140	0.8280	0.3214
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.7897	0.2103	0.7598	0.5013	0.6614
steel-p			0.9385	0.0615	0.7957	0.5915	0.5517
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9236	0.0764	0.8729	0.7457	0.4740
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6550	0.1380	0.3640	0.4369	0.4117
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.4000	0.2400	0.2748	0.1581	0.5429
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.4686	0.1875	0.6131
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.8046	0.1954	0.8035	0.6024	0.6427
susy10%			0.7992	0.2008	0.7979	0.5913	0.6536
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9945	0.0010	0.9947	0.9940	0.0083
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7651	0.2349	0.7487	0.4705	0.6874
tis10%			0.6791	0.3209	0.6382	0.2634	0.7999
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.1000	0.5250	0.6364	0.1042
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7647	0.2353	0.7310	0.4426	0.7072
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.6193	0.2326	0.8185
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9843	0.0157	0.9754	0.9507	0.1231
turkish			0.7750	0.1125	0.7853	0.7000	0.3110
tvnews			0.8812	0.1188	0.8754	0.7489	0.4989
tvnews1%			0.9077	0.0923	0.9009	0.8018	0.4246
tvnews10%			0.8990	0.1010	0.8910	0.7819	0.4487
ur3_cobotops_grip			0.9646	0.0354	0.6281	0.2203	0.5275
ur3_cobotops_stop			0.9701	0.0299	0.7343	0.4085	0.3719
urban			0.7463	0.0564	0.7345	0.7032	0.2170
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.8214	0.0893	0.8044	0.7604	0.1666
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.7374	0.0478	0.7519	0.7111	0.1581
vowelZ			0.9697	0.0303	0.9134	0.8254	0.3837
vrnormat310k-hg16-17			0.9142	0.0858	0.7129	0.4201	0.6136
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8420	0.1053	0.8433	0.7631	0.3588
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.7926	0.1383	0.6610	0.6272	0.5168
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9959	0.0041	0.9793	0.9578	0.1858
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5912	0.1363	0.2751	0.3350	0.4073
winequality-white			0.5481	0.1506	0.3373	0.2882	0.4460
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9847	0.0044	0.9720	0.9806	0.0470
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.6014	0.0886	0.4153	0.4874	0.3758
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.8247	0.0351	0.8045	0.8034	0.2166

Table 136: Detailed results for NSlackSSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
balance		0.8710	0.0860	0.7228	0.7634	0.3416
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-tissue		0.8182	0.0606	0.7738	0.7800	0.0411
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cardiotocography		0.8169	0.0366	0.7525	0.7803	0.2272
cardiotocography-nsp		0.8826	0.0782	0.7949	0.6876	0.3842
cars		0.7250	0.1833	0.6039	0.4977	0.5002
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
circles		0.4030	0.0119	0.3452	0.3970	0.1351
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5170	0.3220	0.4797	0.1939	0.6358
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2		0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3		0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4062	0.0297	0.2659	0.3883	0.0981
cyclopentane		0.7407	0.2593	0.7403	0.4793	0.7616
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
drug-01		0.3989	0.1717	0.2024	0.0625	0.5491
drug-02		0.5160	0.1383	0.1593	0.1129	0.4879
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5106	0.1398	0.1704	0.0976	0.5892
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.2445	0.2579	0.5038
drug-07		0.4734	0.1505	0.1533	0.0942	0.3161
drug-08		0.5585	0.1261	0.1854	0.0989	0.4440
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5479	0.1292	0.1480	0.1251	0.3736
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6117	0.1109	0.1719	0.1955	0.3480
drug-14		0.5798	0.1201	0.2022	0.1880	0.5628
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.5957	0.1155	0.2573	0.2717	0.3576
drug-17		0.3617	0.1824	0.1472	0.1233	0.5290
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
ecoli		0.8235	0.0441	0.5131	0.7583	0.1582
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
forest		0.9423	0.0288	0.9298	0.9208	0.1023
gender		0.5895	0.2737	0.3482	0.0026	0.3353
glass		0.6190	0.1270	0.6457	0.4528	0.2722
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
green		0.7000	0.3000	0.6098	0.2105	0.8520
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hayes-roth		0.3750	0.4167	0.3972	0.0303	0.7342
heart		0.8148	0.1852	0.8118	0.6218	0.6384
hepatitis		0.9333	0.0667	0.9148	0.8148	0.4011
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higher		0.2143	0.1964	0.1902	0.0888	0.3576
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
kc1		0.8626	0.1374	0.6840	0.2188	0.4114
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6081	0.1734	0.7219
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.9167	0.0111	0.9301	0.9104	0.0365
liver		0.7647	0.2353	0.7312	0.4625	0.7536
lrs		0.8868	0.0226	0.5704	0.8427	0.0498
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
maternal		0.6436	0.2376	0.6505	0.4492	0.5241
messidor		0.7391	0.2609	0.7418	0.4789	0.7540
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.9167	0.8475	0.1419
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-kar		0.9500	0.0100	0.9501	0.9444	0.0637
mfeat-mor		0.7350	0.0530	0.7396	0.7056	0.1860
mfeat-zer		0.8200	0.0360	0.8185	0.8000	0.1188
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5294	0.1882	0.3993	0.4087	0.3504
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.5000	0.3333	0.2849	-0.0302	0.5269
obs		0.8241	0.0880	0.8623	0.7329	0.2164
occupancy		0.9883	0.0117	0.9840	0.9677	0.1315
page-blocks		0.9708	0.0117	0.8451	0.8276	0.1149
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
phoneme		0.7778	0.2222	0.7232	0.4462	0.7484
pima		0.7237	0.2763	0.7074	0.3667	0.6931
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
pred-tox_mutagen_ref-desc		0.6471	0.3529	0.6494	0.2941	0.8709
raisin		0.9111	0.0889	0.9115	0.8222	0.3945
schiller		0.6667	0.3333	0.5950	0.1818	0.8134
schizo		0.6176	0.3824	0.6232	0.2353	0.8824
segment		0.9481	0.0148	0.9534	0.9393	0.0639
segmentO		1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sick		0.9655	0.0345	0.8435	0.6656	0.3054
sirtuin6		1.0000	0.0000	1.0000	1.0000	0.0000
skin10%		0.9273	0.0727	0.8994	0.7936	0.4426
sonar		0.5500	0.4500	0.5503	0.1000	0.9662
spectf		0.8000	0.2000	0.7378	0.4615	0.6846
sport-articles		0.8300	0.1700	0.8144	0.6249	0.6065
squash-stored		1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored		0.8000	0.1333	0.5714	0.6429	0.0000
steel-b		0.8308	0.1692	0.7149	0.4114	0.6677
steel-d		0.9795	0.0205	0.7967	0.4922	0.0689
steel-k		0.9795	0.0205	0.9685	0.9371	0.1800
steel-o		0.7436	0.2564	0.7052	0.3513	0.6581
steel-p		0.9179	0.0821	0.6618	0.2948	0.5925
steel-s		0.9846	0.0154	0.8971	0.7920	0.3007
steel-z		0.9641	0.0359	0.9061	0.8093	0.4129
tae		0.4000	0.4000	0.4101	0.1000	0.7275
tic-tac-toe		0.9789	0.0211	0.9766	0.9521	0.0938
toxicity-13f		0.6471	0.3529	0.3929	0.0000	0.4762
transfusion		0.7467	0.2533	0.4275	-0.0259	0.6170
urban		0.7612	0.0531	0.7913	0.7220	0.1888
vehicle		0.7500	0.1250	0.7240	0.6655	0.1954
vehicleVAN		0.9881	0.0119	0.9841	0.9677	0.0550
voice		0.8333	0.1667	0.8537	0.6667	0.4644
vote		0.8837	0.1163	0.8878	0.7681	0.4411
vowel		0.6364	0.0661	0.6460	0.6000	0.1750
vowelZ		0.9596	0.0404	0.8915	0.7778	0.4525
web-phishing		0.8074	0.1284	0.5592	0.6406	0.4051
wifi-loc		0.9950	0.0025	0.9950	0.9933	0.0128
wilt		0.9731	0.0269	0.8410	0.6693	0.3467
wine		0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red		0.5912	0.1363	0.2160	0.3049	0.3162
winequality-white		0.5153	0.1385	0.1955	0.1994	0.3515
yeast		0.5338	0.0932	0.3659	0.4019	0.3865
yeastCYT-POX		0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC		0.9730	0.0270	0.4932	0.0000	0.0848

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	Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300

Table 137: Detailed results for OC1

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2278	0.0533	0.1185	0.1486	0.4757
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.3500	0.6500	0.3492	-0.3000	1.0000
ads		0.9543	0.0457	0.8999	0.7849	0.2100
adult		0.8516	0.1484	0.7784	0.5418	0.5896
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.7905	0.2095	0.4415	-0.0519	0.7262
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.8889	0.1111	0.8333	0.6087	0.2605
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.9014	0.0986	0.8613	0.6996	0.3581
air_pollution		0.1300	0.2486	0.1325	-0.0104	0.4893
alcohol		0.6762	0.1295	0.3052	0.2699	0.5459
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.9395	0.0605	0.9334	0.8657	0.2997
anneal		0.9551	0.0180	0.7481	0.9033	0.1024
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9263	0.0369	0.8795	0.8629	0.2098
anuran-genus		0.8401	0.0400	0.4600	0.7399	0.2328
anuran-species		0.8583	0.0283	0.5863	0.8030	0.1834
anxiety		0.0917	0.2019	0.0839	-0.0217	0.6996
apple-quality		0.7625	0.2375	0.7723	0.5250	0.6719
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia		0.5111	0.0752	0.2044	0.2211	0.3423
auction		0.9461	0.0539	0.8692	0.7261	0.3319
audiology		0.4783	0.0435	0.1845	0.4226	0.1495
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autos		0.4000	0.2000	0.3704	0.3043	0.3493
avila		0.4178	0.0970	0.2943	0.2808	0.4415
babies		0.3468	0.1866	0.1725	0.0307	0.4795
balance		0.7581	0.1613	0.6183	0.5953	0.4704
bank		0.9133	0.0867	0.7545	0.4947	0.5525
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8479	0.1521	0.8325	0.6613	0.5677
basehock		0.8291	0.1709	0.8479	0.6588	0.4459
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8476	0.1524	0.8426	0.6830	0.5747
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%		0.6043	0.0273	0.0261	0.0128	0.0166
body-perf		0.4209	0.2896	0.3705	0.2279	0.3968
brain-tumor		0.5020	0.4980	0.5026	0.0050	0.9804
breast-cancer		0.6786	0.3214	0.5195	0.0308	0.8648
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.7273	0.0909	0.6655	0.6667	0.1595
bridges		0.8000	0.0571	0.5195	0.6970	0.0821
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9710	0.0290	0.9681	0.9361	0.1885
cancer-uae		0.4230	0.3847	0.3106	-0.0105	0.5531
car		0.8218	0.0891	0.4636	0.6310	0.2822
car-insurance		0.8290	0.1710	0.7931	0.5778	0.6159
card		0.8261	0.1739	0.8219	0.6327	0.5782
cardiotocography		0.6808	0.0639	0.6214	0.6158	0.2445
cardiotocography-nsp		0.8732	0.0845	0.8325	0.6852	0.3650
cardiovascular		0.7289	0.2711	0.7292	0.4577	0.7797
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.7085	0.5638	0.4136
cas_N6512_cdk_ECFP2		0.6713	0.3287	0.6801	0.3504	0.8271
cas_N6512_rdkit_ATOMPAIR		0.6600	0.3400	0.6658	0.3257	0.8508
cas_N6512_RDkit_AtomPair_FP		0.6840	0.3160	0.6840	0.3674	0.8390
cas_N6512_rdkit_AVALON		0.7005	0.2995	0.7029	0.4029	0.8117
cas_N6512_RDkit_Avalon_FP		0.7147	0.2853	0.7120	0.4231	0.8011
cas_N6512_rdkit_descriptors		0.7108	0.2892	0.7104	0.4203	0.8057
cas_N6512_rdkit_FEATMORGAN		0.6498	0.3502	0.6454	0.2887	0.8785
cas_N6512_RDkit_Featmorgan_FP		0.6672	0.3328	0.6942	0.3520	0.7578
cas_N6512_RDkit_FP		0.6702	0.3298	0.6737	0.3439	0.8460
cas_N6512_rdkit_LAYERED		0.7031	0.2969	0.7014	0.4028	0.8181
cas_N6512_RDkit_Layered_FP		0.6733	0.3267	0.6731	0.3457	0.8520
cas_N6512_rdkit_MACCS		0.6974	0.3026	0.6947	0.3891	0.8255
cas_N6512_RDkit_MACCS_FP		0.7485	0.2515	0.7529	0.4999	0.7352
cas_N6512_rdkit_MORGAN		0.6892	0.3108	0.6912	0.3801	0.8274
cas_N6512_RDkit_morgan_FP		0.6718	0.3282	0.6754	0.3471	0.8437
cas_N6512_rdkit_PATTERN		0.7246	0.2754	0.7250	0.4490	0.7847
cas_N6512_RDkit_pattern_FP		0.7101	0.2899	0.7135	0.4230	0.7957
cas_N6512_rdkit_RDKITFP		0.6697	0.3303	0.6679	0.3359	0.8589
cas_N6512_rdkit_TORSION		0.6554	0.3446	0.6800	0.3284	0.7840
ccds1%		0.9588	0.0412	0.4895	-0.0052	0.3718
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6943	0.3057	0.6640	0.3279	0.8429
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9542	0.0458	0.6875	0.1093	0.1272
central-nervous-system		0.1667	0.8333	0.1429	-0.6667	0.9586
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-C		0.9302	0.0698	0.6139	0.2158	0.6307
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.9300	0.0350	0.8563	0.8949	0.1407
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.0002	0.9998	0.0002	0.0000	0.0007
chronic-kidney		0.8976	0.1024	0.5733	0.1391	0.6869
churn		0.8390	0.1610	0.7148	0.3393	0.5039
churn-bigml		0.8989	0.1011	0.7705	0.5178	0.5231
ci900367j_MACCS		0.6632	0.3368	0.6391	0.1456	0.6008
circles		0.2950	0.0141	0.1600	0.2879	0.1317
cirrhosis		0.7143	0.1905	0.6375	0.4324	0.4803
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.6481	0.1759	0.3686	0.4148	0.3581
climate		0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111		0.4167	0.3889	0.5305	0.0667	0.4297
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4354	0.3764	0.5246	0.2167	0.5464
cnae-9		0.4722	0.1173	0.5342	0.4062	0.2674
codon_usage		0.5203	0.0872	0.3972	0.4565	0.3477
coil20		0.3750	0.0625	0.3422	0.3426	0.2651
college		0.8831	0.1169	0.8507	0.7009	0.5266
collins		0.9600	0.0053	0.9027	0.9560	0.0158
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5862	0.4138	0.4937	-0.0116	0.9557
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.6207	0.3793	0.5909	0.1671	0.8893
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7586	0.2414	0.6866	0.3715	0.7765
column-2c		0.9355	0.0645	0.9342	0.8597	0.3145
column-3c		0.7742	0.1505	0.6690	0.6220	0.3174
cottonmeloidogyne		0.6875	0.3125	0.6905	0.3759	0.8232
coupon		0.6719	0.3281	0.6607	0.2971	0.8105
covtypeCD		0.9488	0.0512	0.8845	0.7607	0.3210
covtypeT		0.9569	0.0431	0.8122	0.6076	0.4047
crabs		0.6000	0.2000	0.6621	0.4667	0.2895
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.7392	0.0869	0.4447	0.5090	0.3380
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.0625	0.0469	0.0273	0.0467	0.2392
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1367	0.2878	0.1690	-0.0410	0.6991
cyclopentane		0.7037	0.2963	0.7373	0.4286	0.6809
cylinder-bands		0.6667	0.3333	0.6525	0.2779	0.8116
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8270	0.1730	0.7147	0.3929	0.6309
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
deposit		0.9007	0.0993	0.7230	0.4290	0.5913
depressed		0.8182	0.1818	0.4500	-0.0265	0.6019
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.6972	0.3846	0.3352
dexter		0.8333	0.1667	0.8537	0.6667	0.4011
df_final		0.5000	0.3333	0.4148	0.2000	0.4996
DIA		0.7833	0.2167	0.6723	0.3158	0.7212
diabetes		0.8654	0.1346	0.8566	0.7074	0.5070
diabetes-risk		0.9166	0.0834	0.8677	0.7315	0.4354
diabetic1%		0.5392	0.3072	0.3501	0.1094	0.5439
diagnosis		0.9167	0.0833	0.9226	0.8333	0.3145
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6526	0.1390	0.6646	0.5199	0.4090
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dota210%		0.5476	0.4524	0.5510	0.1007	0.9607
dropout		0.7269	0.1821	0.6245	0.5030	0.3143
drug-01		0.2660	0.2097	0.1715	0.0415	0.5303
drug-02		0.3936	0.1733	0.1316	0.0854	0.6026
drug-03		0.5213	0.1368	0.1516	0.1283	0.4323
drug-04		0.4043	0.1702	0.1462	0.1148	0.6785
drug-05		0.4947	0.1444	0.1288	-0.0067	0.3173
drug-06		0.1543	0.2416	0.1567	0.0196	0.5945
drug-07		0.4202	0.1657	0.1101	-0.0053	0.3297
drug-08		0.3511	0.1854	0.1573	0.1019	0.6576
drug-09		0.6330	0.1049	0.1436	0.1005	0.2765
drug-10		0.2553	0.2128	0.1475	0.0667	0.5480
drug-11		0.6543	0.0988	0.1739	0.1052	0.4267
drug-12		0.5053	0.1413	0.1554	0.1031	0.3379
drug-13		0.4468	0.1581	0.2561	0.2244	0.5658
drug-14		0.3670	0.1809	0.1766	0.1167	0.5386
drug-15		0.4574	0.1550	0.1355	0.0739	0.5006
drug-16		0.5160	0.1383	0.2651	0.3176	0.4936
drug-17		0.2606	0.2112	0.1154	0.0293	0.6512
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.5106	0.1398	0.1433	0.0695	0.3915
drybean		0.8575	0.0407	0.8518	0.8281	0.2202
ecoli		0.6765	0.0809	0.3501	0.5569	0.1980
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2400	0.3800	0.2588	-0.0144	0.7237
eeg-eye		0.7397	0.2603	0.7355	0.4667	0.7587
eeg10%		0.2030	0.0996	0.1609	0.1188	0.6154
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5479	0.1808	0.5466	0.4262	0.4445
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
fakenews		0.4975	0.5025	0.5000	0.0001	0.9487
fbis-wc		0.2927	0.0832	0.2096	0.1655	0.3565
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.6275	0.3725	0.6255	0.2077	0.8034
financial-risk		0.5685	0.1237	0.4814	0.3452	0.3591
fishcatch		0.6250	0.1250	0.5784	0.5317	0.2194
flags		0.6000	0.1000	0.2924	0.4888	0.1913

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
forest			0.8654	0.0673	0.8397	0.8141	0.1919
gas			0.6125	0.1292	0.5759	0.5311	0.3468
gastrointestinal			0.5625	0.2917	0.4336	0.2727	0.6460
gender			0.5853	0.2765	0.5033	0.1495	0.5239
gene			0.9054	0.0631	0.9027	0.8506	0.2301
german			0.6800	0.3200	0.6275	0.2471	0.8592
gestures			0.4452	0.2774	0.3686	0.2591	0.3375
gina			0.9020	0.0980	0.9035	0.8036	0.4063
glass			0.7619	0.0794	0.8289	0.6719	0.2411
glass-g2			0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP			0.9524	0.0476	0.9529	0.9014	0.2404
glassBWNFP			0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers			0.9545	0.0455	0.8483	0.6452	0.1307
glassNW			1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM			0.6842	0.3158	0.7091	0.3804	0.7358
gli_85			0.7500	0.2500	0.7895	0.5000	0.5283
glioma			0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade			0.8810	0.1190	0.8845	0.7610	0.4620
green			0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage			0.4000	0.3000	0.5126	0.1718	0.4602
gsalc			0.8889	0.0370	0.9167	0.8657	0.0530
haberman			0.7000	0.3000	0.6011	0.2012	0.8607
hapt			0.8637	0.0227	0.6048	0.8387	0.1434
har			0.3950	0.2420	0.5071	0.2524	0.4373
har701%			0.6150	0.1100	0.3895	0.4994	0.3023
har7010%			0.6717	0.0938	0.4148	0.5639	0.3415
harth1%			0.5007	0.0832	0.2047	0.3437	0.3529
hayes-roth			0.6250	0.2500	0.7692	0.4286	0.2146
hcc-survival			0.5882	0.4118	0.5662	0.1314	0.9439
health-activity			0.6400	0.1800	0.4777	0.0446	0.4810
heart			0.7778	0.2222	0.7713	0.5120	0.6272
heart-attack			0.8387	0.1613	0.8409	0.6681	0.5327
heart-c			0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure			0.9220	0.0780	0.9088	0.8174	0.3885
heart-quantum			0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis			0.9333	0.0667	0.8929	0.7619	0.1858
hERG-121inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%			0.6664	0.3336	0.6690	0.3353	0.8535
higher			0.1429	0.2143	0.1042	0.0059	0.4201
hinselmann			0.8000	0.2000	0.6875	0.3750	0.7500
hitters			0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa			0.8583	0.1417	0.7029	0.3572	0.5864
hiva			0.9622	0.0378	0.5844	0.1005	0.4517
horse			0.5556	0.2963	0.5498	0.2836	0.6889
hotel-reservartions			0.8021	0.1979	0.7697	0.4862	0.5429
hr			0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%			0.7337	0.1775	0.7414	0.6024	0.4618
htru2			0.9760	0.0240	0.9266	0.8529	0.2870
hypothyroid			0.9867	0.0066	0.7149	0.9220	0.1571
hypothyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
ilpd			0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy			0.6667	0.3333	0.5950	0.1818	0.8134
instagram			0.9673	0.0163	0.9686	0.9564	0.0574
ionosphere			0.9714	0.0286	0.9686	0.9353	0.1967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.2478	0.0579	0.2625	0.2177	0.3685
jm1		0.8127	0.1873	0.6345	0.2281	0.6959
jvowels		0.5723	0.0950	0.5662	0.5137	0.3520
kc1		0.8673	0.1327	0.7133	0.4097	0.6365
kc1-class-level-defectiveornot		0.6667	0.3333	0.6637	0.3243	0.8514
kc1-class-level-numericdefect		0.5000	0.0417	0.0365	0.2519	0.1917
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.5552	0.1011	0.8298
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kepler		0.8107	0.1262	0.7744	0.6704	0.3073
kidney		0.7955	0.0818	0.1876	0.0022	0.2660
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.2157	0.0871	0.1331	0.1326	0.6143
krvskp		0.9342	0.0658	0.9362	0.8686	0.2973
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.1765	0.0412	0.0588	0.1470	0.2121
led24		0.4000	0.1200	0.4090	0.3239	0.2836
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.1700	0.0638	0.1997	0.1326	0.4235
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.3889	0.0815	0.3972	0.3465	0.2475
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9995	0.0005	0.9634	0.9266	0.1329
liver		0.7059	0.2941	0.6489	0.2946	0.8394
loan		0.9836	0.0164	0.9828	0.9653	0.1230
localization10%		0.3198	0.1237	0.1983	0.1942	0.5393
lrs		0.7925	0.0415	0.3241	0.7127	0.1448
lung		0.8571	0.0571	0.7778	0.6971	0.1148
lung_discrete		0.5000	0.1429	0.2857	0.4286	0.0523
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7099	0.7790	0.0679
lung-cancer-harvard2		0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.8571	0.0714	0.4469	0.7255	0.1760
lymphoma2		0.4444	0.1852	0.2431	0.2500	0.2675
machine-failure		0.8830	0.1170	0.8791	0.7581	0.4837
madelon		0.6885	0.3115	0.6901	0.3769	0.8272
magic04		0.8264	0.1736	0.8081	0.6160	0.6327
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8229	0.6421	0.6074
marketing		0.7946	0.2054	0.6479	0.2895	0.7349
maternal		0.6337	0.2442	0.7041	0.4201	0.3293
math		0.7500	0.1250	0.7522	0.6120	0.3117
mba		0.8339	0.1108	0.3950	0.1127	0.4768
mental-disorders		0.6667	0.1667	0.6769	0.5556	0.3225
mental-health		0.1900	0.3240	0.2195	-0.0065	0.5967
messidor		0.6783	0.3217	0.6869	0.3645	0.8185
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8333	0.0833	0.7917	0.7741	0.1393
mfeat-fac		0.5600	0.0880	0.5318	0.5111	0.2572
mfeat-fou		0.3650	0.1270	0.3034	0.2944	0.3504

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-kar		0.3850	0.1230	0.4054	0.3167	0.4659
mfeat-mor		0.4100	0.1180	0.3759	0.3444	0.3012
mfeat-pix		0.5150	0.0970	0.5193	0.4611	0.3451
mfeat-zer		0.3650	0.1270	0.3802	0.2944	0.4316
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8585	0.0943	0.8808	0.7789	0.2004
mines		0.3529	0.2588	0.3739	0.1878	0.4743
mobile		0.0315	0.0346	0.0318	0.0120	0.3986
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.7541	0.2459	0.7132	0.4085	0.7349
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0115
music		0.1122	0.1614	0.2190	0.0451	0.4809
musk		0.9121	0.0879	0.8147	0.6107	0.4557
MUT_ci300400a_cdk_ECFP2		0.7302	0.2698	0.7217	0.4432	0.7855
MUT_ci300400a_cdk_ECFP4		0.6407	0.3593	0.6526	0.2940	0.8500
MUT_ci300400a_cdk_ECFP6		0.6539	0.3461	0.6693	0.3233	0.8255
MUT_ci300400a_cdk_ESTATE		0.6799	0.3201	0.6643	0.3243	0.8467
MUT_ci300400a_cdk_EXTENDED		0.7338	0.2662	0.7239	0.4468	0.7795
MUT_ci300400a_cdk_FCFP2		0.6826	0.3174	0.7082	0.3871	0.7552
MUT_ci300400a_cdk_FCFP4		0.6595	0.3405	0.6430	0.2382	0.7746
MUT_ci300400a_cdk_FCFP6		0.6619	0.3381	0.6811	0.3423	0.8043
MUT_ci300400a_cdk_MACCS		0.7422	0.2578	0.7312	0.4499	0.7408
MUT_ci300400a_cdk_PUBCHEM		0.7210	0.2790	0.7144	0.4286	0.7967
MUT_ci300400a_cdk_STANDARD		0.6886	0.3114	0.6826	0.3647	0.8366
MUT_ci300400a_rdkit_descriptors		0.7469	0.2531	0.7445	0.4879	0.7543
myocardial		0.7882	0.0529	0.2950	0.2929	0.1995
naticusdroid		0.9322	0.0678	0.9332	0.8643	0.3156
NCI60		0.3333	0.2222	0.2564	0.2000	0.2590
nci9		0.5000	0.1667	0.4375	0.4000	0.1756
ncRNA1%		0.8030	0.0207	0.1902	0.4969	0.3806
ncRNA10%		0.7785	0.0233	0.1551	0.4793	0.5824
neo		0.9118	0.0882	0.6776	0.1970	0.3469
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.4722	0.3519	0.2536	-0.0658	0.5807
nursery		0.8873	0.0451	0.5403	0.8329	0.1322
obesity		0.5735	0.1219	0.6297	0.5040	0.2984
obs		0.6667	0.1667	0.7263	0.5472	0.3681
occupancy		0.9917	0.0083	0.9885	0.9769	0.0963
Occupancy_Estimation		0.9793	0.0104	0.9325	0.9369	0.0409
oh0-wc		0.4455	0.1109	0.4895	0.3734	0.2310
oh10-wc		0.4667	0.1067	0.3908	0.3816	0.2691
oh15-wc		0.4674	0.1065	0.4217	0.3671	0.2702
oh5-wc		0.4066	0.1187	0.3535	0.3163	0.3289
olive		0.8421	0.0351	0.7995	0.7951	0.0924
opn310k10%		0.9094	0.0906	0.6132	0.1574	0.5424
optdigits		0.3968	0.1206	0.4512	0.3288	0.3957
optdigitsZ		0.9858	0.0142	0.9570	0.9137	0.2380
orl		0.2000	0.0400	0.1601	0.1795	0.2098
orlraws10P		0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9170	0.0830	0.4784	-0.0145	0.5062
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7887	0.2113	0.7571	0.5094	0.7006
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8333	0.1667	0.8421	0.6697	0.5449

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9397	0.0241	0.7036	0.6802	0.2845
parkinson			0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons			0.8768	0.1232	0.8681	0.7304	0.4752
parkinsons-small			0.8947	0.1053	0.8633	0.6885	0.2605
particle10%			0.8769	0.1231	0.8438	0.6858	0.5314
pasture			0.5000	0.3333	0.5000	0.2000	0.3750
pc1			0.9009	0.0991	0.5548	0.1042	0.6873
pcmac			0.5722	0.4278	0.4503	-0.0164	0.6775
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8026	0.1974	0.7238	0.4444	0.7208
pediatric-leukemia			0.5000	0.1429	0.4725	0.3884	0.4041
pendigits			0.7398	0.0520	0.7557	0.7107	0.2400
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.4444	0.5556	0.4208	-0.1538	0.9711
persistency			0.7901	0.2099	0.7709	0.5326	0.6736
pet-adoption			0.9000	0.1000	0.8903	0.7790	0.4607
phishing			0.9347	0.0653	0.9318	0.8635	0.3333
phone-acc0.1%			0.4954	0.1442	0.5698	0.4117	0.3244
phone-gyr0.1%			0.6454	0.1013	0.6397	0.5833	0.2350
phoneme			0.8389	0.1611	0.7970	0.5928	0.6296
pima			0.7632	0.2368	0.7522	0.5043	0.7386
pirvision			0.9784	0.0144	0.9667	0.9346	0.1445
placement			0.7850	0.2150	0.7806	0.5609	0.6965
plant-growth			0.6842	0.3158	0.6910	0.3736	0.8166
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.4673	0.1065	0.1209	0.0537	0.3345
poker10%			0.4499	0.1375	0.1439	0.0414	0.4397
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9612	0.0388	0.7652	0.4562	0.2977
polish-5th			0.9509	0.0491	0.7739	0.4534	0.2376
polya			0.7459	0.2541	0.7216	0.4431	0.7738
popularity			0.6600	0.2266	0.4076	0.1397	0.4073
post-operative			0.3333	0.4444	0.1667	-0.5000	0.5000
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7215	0.4412	0.7888
prestige			0.7778	0.1481	0.7222	0.6538	0.2586
primary-tumor			0.1515	0.0771	0.0848	0.1158	0.2607
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.7015	0.2985	0.6213	0.1918	0.7593
promoters			0.8000	0.2000	0.8333	0.6154	0.4644
prostate			0.7857	0.2143	0.8028	0.5333	0.4205
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%			0.7737	0.0905	0.6245	0.6878	0.2638
pufs-641%			0.5092	0.4908	0.5092	0.0183	0.9932
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9000	0.1000	0.9001	0.8000	0.4311
re0-wc			0.4600	0.0831	0.2747	0.3370	0.4437
re1-wc			0.2651	0.0588	0.1825	0.2291	0.2824
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9830	0.0170	0.9829	0.9655	0.1023
rnaseq			0.9750	0.0100	0.9707	0.9671	0.0547
rocket			0.6444	0.3556	0.6148	0.2024	0.8408
satimage			0.6952	0.1016	0.6450	0.6303	0.3225
satimageF			0.9689	0.0311	0.9154	0.8218	0.1892

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimageT			0.9082	0.0918	0.7698	0.5363	0.6144
scadi			0.5714	0.1224	0.3265	0.4167	0.2095
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5588	0.4412	0.5598	0.1176	0.9547
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8182	0.0519	0.8541	0.7885	0.0829
segmentation			0.8069	0.1931	0.7949	0.5881	0.6654
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9380	0.0620	0.6579	0.1839	0.3687
semeion			0.9686	0.0314	0.9109	0.8213	0.3239
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8737	0.1263	0.6404	0.0934	0.3668
sens-4-gram			0.8605	0.1395	0.5972	0.1524	0.6584
sens-5-gram			0.8763	0.1237	0.6474	0.1911	0.5052
sens-6-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-7-gram			0.8737	0.1263	0.6687	0.0675	0.2632
sens-8-gram			0.8605	0.1395	0.5188	0.0127	0.5424
sens-9-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8978	0.1022	0.7842	0.5565	0.5433
shuttle			0.9962	0.0011	0.5021	0.9893	0.0201
sick			0.9788	0.0212	0.9084	0.7987	0.0728
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9846	0.0154	0.9765	0.9528	0.1203
skin10%			0.9975	0.0025	0.9963	0.9926	0.0434
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2000	0.4000	0.1627	-0.0787	0.7454
smk_can_187			0.4737	0.5263	0.4820	-0.0326	0.9785
smoking			0.7477	0.2523	0.7372	0.4719	0.7566
soil_pollution			0.1900	0.3240	0.1600	-0.0127	0.5701
solar-flare			0.6475	0.1175	0.4236	0.5477	0.1587
sonar			0.7500	0.2500	0.7622	0.5000	0.6793
soybean			0.6912	0.0325	0.6517	0.6626	0.1003
spam-detection			0.9570	0.0430	0.8838	0.7634	0.4617
spambase			0.9043	0.0957	0.9011	0.7941	0.3685
spect			0.7037	0.2963	0.6196	0.2340	0.8108
spectf			0.8000	0.2000	0.7628	0.5243	0.7024
spectrometer			0.1509	0.0354	0.0525	0.1209	0.2208
splice-EI			0.9369	0.0631	0.9200	0.8382	0.3796
splice-IE			0.8139	0.1861	0.8228	0.5918	0.5348
sport-articles			0.7700	0.2300	0.7654	0.5252	0.7124
squash-stored			0.6000	0.2667	0.5714	0.3750	0.2113
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			0.9785	0.0215	0.9773	0.9537	0.1496
steel_industry			0.8730	0.0847	0.8399	0.7929	0.2647
steel-b			0.7692	0.2308	0.6432	0.2859	0.7933
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9744	0.0256	0.9601	0.9191	0.1618
steel-o			0.7128	0.2872	0.6723	0.2375	0.6082
steel-p			0.9282	0.0718	0.7617	0.5234	0.5906
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9744	0.0256	0.9334	0.8638	0.3518
stellar			0.9619	0.0254	0.9552	0.9314	0.1051
stock			0.9236	0.0764	0.8636	0.7209	0.4165

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9920	0.0080	0.9920	0.9838	0.0512
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.3500	0.2600	0.2605	0.1251	0.4397
student-habits			0.4100	0.2360	0.2546	0.0871	0.4904
student-weekend			0.2615	0.2954	0.2660	0.0807	0.6629
student-workday			0.6094	0.1562	0.2274	0.1956	0.4695
studentap			0.5385	0.3077	0.5166	0.2778	0.5827
susy1%			0.7844	0.2156	0.7843	0.5592	0.6669
tae			0.4667	0.3556	0.4135	0.2000	0.4865
telco-churn			0.8679	0.1321	0.8251	0.6476	0.5615
texture			0.6436	0.0648	0.6788	0.6073	0.2200
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.8526	0.1474	0.8315	0.6597	0.5655
tis10%			0.9030	0.0970	0.8637	0.7186	0.4284
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.3750	0.2083	0.2500	0.2308	0.2682
tox_171			0.6471	0.1765	0.6686	0.5211	0.2967
toxicity			0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f			0.6471	0.3529	0.6451	0.2817	0.8486
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.6180	0.2323	0.8264
trec11-wc			0.6585	0.0759	0.5149	0.5952	0.1978
trec12-wc			0.6129	0.0968	0.5558	0.5367	0.2306
trec21-wc			0.6970	0.1212	0.4985	0.4962	0.3036
trec23-wc			0.9048	0.0317	0.6420	0.8636	0.0557
trec31-wc			0.8065	0.0645	0.8226	0.7560	0.2360
trec41-wc			0.6364	0.0727	0.4277	0.5797	0.1535
trec45-wc			0.6667	0.0667	0.5044	0.6202	0.1936
tuandromd			0.9664	0.0336	0.9498	0.8985	0.2828
turkish			0.6250	0.1875	0.6507	0.5000	0.3320
tvnews1%			0.8308	0.1692	0.8201	0.6398	0.6190
tvnews10%			0.8535	0.1465	0.8410	0.6814	0.5652
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.6269	0.0829	0.5494	0.5552	0.2743
urinalysis			0.9510	0.0490	0.7039	0.3436	0.4349
vehicle			0.7381	0.1310	0.6764	0.6350	0.3398
vehicleVAN			0.9167	0.0833	0.8956	0.7879	0.4488
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.8837	0.1163	0.8839	0.7671	0.4730
vowel			0.4343	0.1028	0.4508	0.3778	0.2686
vowelZ			0.9697	0.0303	0.9024	0.7843	0.0972
wap-wc			0.2308	0.0769	0.2412	0.1898	0.3240
warpar10p			0.4615	0.1077	0.4545	0.4091	0.1997
warppie10p			0.8095	0.0381	0.8396	0.7879	0.0867
watch-acc1%			0.6188	0.1089	0.6635	0.5553	0.3235
watch-gyr1%			0.6067	0.1124	0.6714	0.5419	0.2973
water_pollution			0.2100	0.3950	0.1990	-0.0543	0.6203
waveform			0.6980	0.2013	0.7191	0.5461	0.4824
weather-related			0.4769	0.0951	0.4004	0.4183	0.2582
web-phishing			0.8148	0.1235	0.6673	0.6758	0.4738
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9800	0.0100	0.9800	0.9733	0.0474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9896	0.0104	0.9492	0.8965	0.2988
wine			0.8235	0.1176	0.8502	0.7213	0.3259
winequality-red			0.4151	0.1950	0.2210	0.1056	0.4851
winequality-white			0.3108	0.1969	0.1820	0.0447	0.5236
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.1250	0.1167	0.1143	0.0588	0.2189
yeast			0.5135	0.0973	0.3958	0.3528	0.3367
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9527	0.0473	0.6808	0.3410	0.5673
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9324	0.0676	0.5679	0.1325	0.6459
zip			0.4312	0.1138	0.4002	0.3655	0.3847

Table 138: Detailed results for ODRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0000	0.0952	0.0000	-0.0200	0.4897
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9847	0.0153	0.7158	0.3577	0.3359
accident		0.5000	0.5000	0.5000	0.0000	0.9713
ads		0.9817	0.0183	0.9615	0.9227	0.1725
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6325	0.1393	0.5162
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
aids		0.9202	0.0798	0.8881	0.7671	0.3520
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8571	0.0571	0.5736	0.6726	0.1874
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9116	0.0884	0.9028	0.8001	0.3673
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9819	0.0090	0.9467	0.9654	0.0479
anuran-genus		0.9791	0.0052	0.9443	0.9656	0.0929
anuran-species		0.0931	0.1814	0.1001	0.0058	0.1752
anxiety		0.1000	0.2000	0.0459	-0.0244	0.5572
apple-quality		0.8925	0.1075	0.8939	0.7850	0.4388
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.9853	0.0147	0.9664	0.9305	0.0577
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.9000	0.0400	0.9024	0.8693	0.1061
avila		0.4111	0.0981	0.0857	0.2625	0.1154
babies		0.5000	0.1429	0.2216	0.2122	0.3733
balance		0.9516	0.0323	0.8450	0.9101	0.0688
bank		0.9131	0.0869	0.7592	0.5099	0.5665
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9171	0.0829	0.9100	0.8147	0.3461
basehock		0.9899	0.0100	0.9899	0.9799	0.0768
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8952	0.1048	0.8885	0.7768	0.4558
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9856	0.0041	0.1418	-0.0004	0.1106
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.7366	0.1317	0.7396	0.6488	0.3991
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5135	0.4865	0.5142	0.0258	0.9604
breast-cancer		0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4510	0.3660	0.3004	-0.0389	0.5757
car		0.9943	0.0029	0.9831	0.9877	0.0741
car-insurance		0.8390	0.1610	0.8095	0.6180	0.6163
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.0376	0.1925	0.1146	-0.0764	0.3276
cardiotocography-nsp		0.9484	0.0344	0.9090	0.8568	0.2296
cardiovascular		0.7368	0.2632	0.7383	0.4735	0.7615
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8250	0.1167	0.7971	0.6983	0.3582
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.7585	0.2415	0.7586	0.5162	0.7348
cas_N6512_RDkit_AtomPair_FP		0.7684	0.2316	0.7678	0.5353	0.7205
cas_N6512_rdkit_AVALON		0.8187	0.1813	0.8195	0.6373	0.6237
cas_N6512_RDkit_Avalon_FP		0.8282	0.1718	0.8286	0.6560	0.6058
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.7699	0.2301	0.7688	0.5376	0.7188
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.8065	0.1935	0.8053	0.6105	0.6534

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.0183	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8187	0.1813	0.8007	0.6013	0.6491
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9542	0.0458	0.6875	0.1093	0.1272
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.9384	0.0308	0.9194	0.9080	0.1443
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9277	0.0723	0.6909	0.1332	0.1784
churn		0.8600	0.1400	0.7626	0.5079	0.5934
churn-bigml		0.9513	0.0487	0.8968	0.7842	0.2759
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.1100	0.0178	0.1100	0.1010	0.1167
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8472	0.0764	0.7445	0.7609	0.3022
climate		0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5238	0.3175	0.4991	0.2582	0.7114
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2218	0.1415	0.1305	0.1427	0.1833
coil20		0.0486	0.0951	0.0500	-0.0014	0.1920
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2		0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3		0.7586	0.2414	0.7547	0.4700	0.6390
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.9677	0.0323	0.9634	0.9242	0.1262
column-3c		0.7742	0.1505	0.7007	0.6353	0.2946
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
cottonmeloidogyne		0.7837	0.2163	0.7858	0.5677	0.6825
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9382	0.0206	0.8555	0.8706	0.1342

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.0312	0.0484	0.0019	0.0010	0.3299
customer-churn		0.9838	0.0162	0.7600	0.4954	0.4075
cybersecurity		0.1667	0.2778	0.1260	-0.0119	0.5434
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1010	0.1798	0.0183	0.0000	0.4071
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8260	0.1740	0.7134	0.3930	0.6392
defect		0.9228	0.0772	0.8458	0.6513	0.2714
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9064	0.0936	0.7413	0.4662	0.5686
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.8750	0.0833	0.6377	0.7333	0.1179
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7937	0.2063	0.6249	0.0087	0.3685
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.8066	0.0773	0.8043	0.7265	0.2954
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7607	0.1595	0.6694	0.5977	0.4744
drug-01		0.4149	0.1672	0.1885	0.0397	0.3504
drug-02		0.5266	0.1353	0.1861	0.1563	0.4431
drug-03		0.6915	0.0881	0.1740	0.0642	0.2646
drug-04		0.5319	0.1337	0.1604	0.0612	0.4047
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.2590	0.2861	0.4502
drug-07		0.4894	0.1459	0.1522	0.1215	0.3086
drug-08		0.5798	0.1201	0.2260	0.1721	0.3600
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5479	0.1292	0.1602	0.1808	0.4109
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6436	0.1018	0.1888	0.3320	0.3103
drug-14		0.6064	0.1125	0.2770	0.3237	0.4314
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5904	0.1170	0.2600	0.3429	0.4489
drug-17		0.3989	0.1717	0.1459	0.1475	0.4172
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7766	0.0638	0.1885	0.0381	0.1584

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drybean		0.9258	0.0212	0.9401	0.9103	0.1246
ecoli		0.8824	0.0294	0.5599	0.8359	0.1124
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3400	0.3300	0.3480	0.1180	0.7640
eeg		0.0190	0.1226	0.0419	-0.0359	0.5967
eeg-eye		0.9499	0.0501	0.9496	0.8984	0.2560
eeg10%		0.0406	0.1199	0.0563	-0.0152	0.6209
eucalyptus		0.6986	0.1205	0.6672	0.6096	0.3141
euthyroid		0.9684	0.0316	0.9082	0.8159	0.3294
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9696	0.0304	0.9697	0.9389	0.1749
fakenews		0.5125	0.4875	0.5116	0.0223	0.9810
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0163	0.1157	0.0019	0.0000	0.3803
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.8800	0.0400	0.6977	0.8108	0.2148
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
forest		0.9423	0.0288	0.9319	0.9203	0.0754
gas		0.9964	0.0012	0.9962	0.9956	0.0101
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6021	0.2653	0.4511	0.1352	0.5283
gene		0.9464	0.0358	0.9389	0.9143	0.1645
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.9264	0.0368	0.9268	0.9018	0.1633
gina		0.9481	0.0519	0.9481	0.8962	0.2734
glass		0.7143	0.0952	0.5414	0.5828	0.2429
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8571	0.1429	0.8547	0.7085	0.5490
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4667	0.2667	0.5353	0.2683	0.5370
gsalc		0.1111	0.2963	0.0333	0.0000	0.0000
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.9908	0.0037	0.9899	0.9884	0.0255
har701%		0.9257	0.0212	0.5436	0.8893	0.0977
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0642	0.1560	0.1178	0.0507	0.1688
harth10%		0.0106	0.1649	0.0927	0.0038	0.3243
hayes-roth		0.6875	0.2083	0.7384	0.5062	0.2896
hcc-survival		0.6471	0.3529	0.6550	0.3014	0.8522
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8465	0.6842	0.5251

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure		0.9760	0.0240	0.9722	0.9433	0.1217
heart-quantum		0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8410	0.1590	0.8414	0.6819	0.5777
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6955	0.3045	0.6984	0.3934	0.8170
higgs1%		0.5772	0.4228	0.6266	0.1046	0.5864
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2857	0.1786	0.1954	0.1195	0.3650
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9056	0.0944	0.8174	0.6177	0.4661
hiva		0.9622	0.0378	0.4904	-0.0045	0.3546
horse		0.6389	0.2407	0.5568	0.3097	0.4837
hotel-reservartions		0.9024	0.0976	0.8875	0.7724	0.4280
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.6705	0.2197	0.7189	0.4962	0.3331
htru2		0.9782	0.0218	0.9324	0.8635	0.2376
hypothyroid		0.9894	0.0053	0.7200	0.9350	0.0596
hypothyroidT		0.9973	0.0027	0.9906	0.9810	0.0136
ilpd		0.7797	0.2203	0.7265	0.3046	0.3886
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9747	0.0127	0.9750	0.9662	0.0550
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0436	0.0736	0.0412	0.0054	0.2262
jm1		0.8237	0.1763	0.6536	0.1993	0.5462
jvowels		0.9859	0.0031	0.9850	0.9841	0.0252
kc1		0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.6923	0.1231	0.2976	0.2353	0.3303
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.8954	0.0697	0.8585	0.8273	0.1996
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0977	0.1003	0.0513	0.0711	0.2940
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.0294	0.0485	0.0167	-0.0117	0.2180
led24		0.1000	0.1800	0.1364	-0.0056	0.3846
lenses		0.6667	0.2222	0.5714	0.5000	0.1761

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
letter		0.0370	0.0741	0.0390	-0.0016	0.2242
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.0833	0.1222	0.0667	0.0174	0.2023
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7941	0.2059	0.7856	0.5609	0.6703
loan		0.9883	0.0117	0.9875	0.9750	0.0877
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.0189	0.1962	0.0667	-0.0928	0.2023
lung		0.8571	0.0571	0.6724	0.6769	0.1268
lung_discrete		0.6250	0.1071	0.4286	0.5102	0.1943
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.6538	0.3462	0.6565	0.3077	0.8619
magic04		0.8906	0.1094	0.8785	0.7514	0.4409
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8125	0.1875	0.8125	0.6245	0.6395
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.8020	0.1320	0.8054	0.6983	0.4096
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8210	0.1194	0.3913	0.1450	0.3893
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.7043	0.2957	0.7045	0.4067	0.8092
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac		0.1050	0.1790	0.1049	0.0056	0.2413
mfeat-fou		0.1100	0.1780	0.1100	0.0111	0.3480
mfeat-kar		0.1000	0.1800	0.1000	0.0000	0.2296
mfeat-mor		0.1250	0.1750	0.1230	0.0278	0.3811
mfeat-pix		0.1000	0.1800	0.0952	0.0000	0.2459
mfeat-zer		0.1000	0.1800	0.1000	0.0000	0.3045
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5295	0.4481	0.3973
mobile		0.0210	0.0350	0.0179	0.0031	0.1877
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9672	0.0328	0.9641	0.9257	0.1307
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0911	0.1653	0.0918	0.0300	0.5582
musk		0.9591	0.0409	0.9190	0.8245	0.1276
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.7974	0.2026	0.7904	0.5801	0.6740

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_STANDARD		0.8467	0.1533	0.8420	0.6839	0.5740
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9741	0.0259	0.9741	0.9482	0.1616
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7755	0.0236	0.0675	0.3566	0.2259
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6662	0.3338	0.6665	0.3324	0.8598
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9652	0.0348	0.9570	0.9138	0.2154
NPHA-doctor-visits		0.5139	0.3241	0.3224	0.0051	0.5194
nursery		0.9992	0.0004	0.9959	0.9989	0.0016
obesity		0.9668	0.0095	0.9663	0.9612	0.0509
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9937	0.0063	0.9912	0.9823	0.0783
Occupancy_Estimation		0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc		0.0594	0.1881	0.0867	-0.0686	0.3681
oh10-wc		0.1619	0.1676	0.1428	0.0717	0.4275
oh15-wc		0.1087	0.1783	0.1287	0.0131	0.4298
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.9298	0.0156	0.9293	0.9129	0.0693
opn310k10%		0.9133	0.0867	0.6298	0.1559	0.4648
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0250	0.0000	0.1577
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr		0.9289	0.0711	0.6573	0.2258	0.4618
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9835	0.0066	0.8840	0.9048	0.1113
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.9005	0.0995	0.8941	0.7881	0.4425
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.9269	0.0731	0.9121	0.8231	0.3991
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9100	0.8148	0.3131
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.1028	0.1794	0.1009	0.0031	0.2287
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.0627	0.1172	0.0074	0.0000	0.4134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pet-adoption			0.9350	0.0650	0.9259	0.8489	0.3030
phishing			0.9673	0.0327	0.9657	0.9312	0.1929
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.8882	0.0319	0.8803	0.8693	0.1114
phone-acc1%			0.7517	0.0710	0.8028	0.7091	0.1506
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.9218	0.0224	0.9149	0.9085	0.1009
phone-gyr1%			0.6162	0.1097	0.6975	0.5508	0.1947
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9167	0.0833	0.8959	0.7911	0.4126
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7368	0.2632	0.7176	0.4154	0.7389
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.7920	0.2080	0.7845	0.5654	0.6750
plant-growth			0.6842	0.3158	0.6841	0.3596	0.8222
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5415	0.1310	0.1573	0.1222	0.3073
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9659	0.0341	0.7099	0.1938	0.1019
polish-2nd			0.9636	0.0364	0.6947	0.1348	0.1069
polish-3rd			0.9552	0.0448	0.6873	0.1084	0.1250
polish-4th			0.9602	0.0398	0.7572	0.4346	0.3018
polish-5th			0.9543	0.0457	0.7948	0.5622	0.3962
polya			0.8032	0.1968	0.7838	0.5672	0.6767
popularity			0.6797	0.2135	0.4317	0.2663	0.4586
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2106	0.3157	0.2259	0.0016	0.4152
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6919	0.3824	0.8284
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.1212	0.1352	0.0700	0.0590	0.3263
profb			0.7612	0.2388	0.7185	0.4322	0.7544
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.5709	0.1716	0.3211	0.3941	0.2434
puc-rio10%			0.9903	0.0039	0.9852	0.9870	0.0293
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4958	0.5042	0.4957	-0.0082	0.9864
pufs-641%			0.4996	0.5004	0.4994	-0.0011	0.9813
pulsar			0.9824	0.0176	0.9459	0.8895	0.1608
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.0133	0.1518	0.0020	0.0000	0.3290
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9879	0.0121	0.9878	0.9756	0.0866
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6705	0.3295	0.6697	0.3359	0.8454
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9082	0.0306	0.8947	0.8866	0.1470
satimageF			0.9860	0.0140	0.9637	0.9274	0.1815
satimageT			0.9456	0.0544	0.8328	0.6447	0.3646
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.6786	0.3571	0.7720

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
schizo			0.5882	0.4118	0.6005	0.1765	0.8657
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.5865	0.1280	0.5676
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9784	0.0062	0.9817	0.9747	0.0263
segmentation			0.8713	0.1287	0.8589	0.7177	0.5271
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0915	0.1652	0.0915	0.0006	0.2277
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9067	0.0933	0.8036	0.5942	0.5021
shuttle			0.9997	0.0001	0.8425	0.9990	0.0006
sick			0.9708	0.0292	0.8705	0.7038	0.0927
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.8683	0.1317	0.7871	0.4777	0.2842
skin10%			0.9992	0.0008	0.9988	0.9975	0.0129
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.8355	0.1645	0.8212	0.6416	0.6065
soil_pollution			0.2000	0.3200	0.2009	-0.0040	0.8261
solar-flare			0.7770	0.0743	0.6340	0.7130	0.1814
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9545	0.0455	0.8683	0.7360	0.4626
spambase			0.9565	0.0435	0.9545	0.9086	0.2367
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer			0.0962	0.0670	0.0427	0.0629	0.1890
splice-EI			0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE			0.9369	0.0631	0.9135	0.8269	0.3814
sport-articles			0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.9121	0.0586	0.8895	0.8567	0.2141
steel-b			0.8718	0.1282	0.7888	0.5541	0.5279
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8000	0.2000	0.7725	0.5359	0.6635
steel-p			0.9487	0.0513	0.8059	0.5895	0.4057
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271
stellar			0.5960	0.2693	0.4839	0.0052	0.3391
stock			0.8958	0.1042	0.8092	0.6067	0.5125
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.9880	0.0120	0.9879	0.9758	0.0900
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.6150	0.1540	0.3428	0.3786	0.4457
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3900	0.2440	0.1796	0.0324	0.4700

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
student-weekend			0.3846	0.2462	0.2374	0.1467	0.6102
student-workday			0.7656	0.0938	0.2972	0.3514	0.2752
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.8022	0.1978	0.8019	0.5964	0.6379
susy10%			0.6082	0.3918	0.6559	0.1559	0.5541
tae			0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn			0.9006	0.0994	0.8706	0.7407	0.4771
texture			0.0927	0.1650	0.0909	0.0027	0.2131
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f			0.7059	0.2941	0.6898	0.2056	0.4505
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.6452	0.0887	0.6998	0.5513	0.2179
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.8250	0.0875	0.8351	0.7667	0.2158
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9714	0.0286	0.7162	0.2165	0.0888
ur3_cobotops_stop			0.9633	0.0367	0.6425	0.2154	0.4532
urban			0.8955	0.0232	0.8945	0.8780	0.0909
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.8214	0.0893	0.7894	0.7587	0.2076
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.0909	0.1653	0.0940	0.0000	0.3624
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
warpar10p			0.1538	0.1692	0.0800	0.0530	0.2361
warppie10p			0.0952	0.1810	0.1000	-0.0050	0.2152
watch-acc1%			0.9749	0.0072	0.9742	0.9706	0.0456
watch-gyr1%			0.9566	0.0124	0.9553	0.9494	0.0586
water_pollution			0.2233	0.3883	0.2151	-0.0390	0.8605
waveform			0.8500	0.1000	0.8501	0.7750	0.3522
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8667	0.0889	0.8049	0.7649	0.3951
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9850	0.0075	0.9850	0.9800	0.0346
wilt			0.9959	0.0041	0.9793	0.9578	0.1858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6415	0.1195	0.3051	0.4097	0.3395
winequality-white			0.6237	0.1075	0.3394	0.4051	0.3862
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.1250	0.1167	0.0667	0.0628	0.2413
yeast			0.2095	0.1581	0.0803	0.0433	0.4458
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.0925	0.1815	0.1021	-0.0100	0.2880

Table 139: Detailed results for ODT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1639	0.0796	0.1285	0.0901	0.6040
abalone19		0.0622	0.9378	0.5155	0.0008	0.0216
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.1188	0.8812	0.4895	-0.0014	0.0716
accident		0.4000	0.6000	0.2857	-0.2000	0.9613
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8018	0.1982	0.6960	0.2429	0.4469
advanced-iot		0.8330	0.0557	0.7891	0.7996	0.0540
AID_1431		0.9206	0.0794	0.6757	0.2580	0.4506
AID_1431_KlekotaRothFingerprinter		0.8254	0.1746	0.4522	-0.0957	0.7098
AID_1431_MACCSFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878		0.8190	0.1810	0.5830	0.0629	0.5322
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8485	0.1010	0.3077	0.0100	0.3909
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.1068	0.8932	0.4511	-0.0130	0.2340
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0327	0.9673	0.4412	-0.0042	0.0572
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.4500	0.5500	0.4670	-0.0577	0.8950
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.9903	0.0097	0.6094	0.0578	0.1234
AID687red		0.1790	0.8210	0.4366	-0.0016	0.0187
AID688red		0.9897	0.0103	0.4974	-0.0020	0.3811
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0470	0.9530	0.5115	0.0001	0.0030
aids		0.7512	0.2488	0.5235	0.0100	0.5674
air_pollution		0.1800	0.2343	0.0967	-0.0580	0.8406
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5832	0.4168	0.6098	0.0472	0.5490
alcohol		0.7238	0.1105	0.3020	0.1974	0.2096
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6372	0.3628	0.3892	-0.0185	0.6130
anneal		0.9551	0.0180	0.8783	0.9081	0.1998
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.6940	0.1530	0.7176	0.4715	0.1483
anuran-genus		0.9068	0.0233	0.7163	0.8449	0.2230
anuran-species		0.9111	0.0178	0.6794	0.8767	0.1531
anxiety		0.0583	0.2093	0.0601	-0.0619	0.7444
apple-quality		0.6775	0.3225	0.7251	0.3550	0.5819
aps-failure		0.9826	0.0174	0.6495	0.1394	0.2402
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6000	0.4000	0.6021	0.2000	0.9053
arrhythmia		0.6000	0.0800	0.1803	0.2663	0.2252
auction		0.9510	0.0490	0.8828	0.7363	0.1419
audiology		0.5000	0.0909	0.1903	0.3980	0.1695

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.6000	0.1600	0.3972	0.4464	0.2370
avila		0.6502	0.0583	0.4879	0.5411	0.3448
babies		0.3790	0.1774	0.1441	0.0490	0.4649
balance		0.7258	0.1828	0.7102	0.5701	0.2756
bank		0.8949	0.1051	0.6660	0.2741	0.5602
banknote		0.5620	0.4380	0.6152	0.0182	0.5154
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6359	0.3641	0.5255	0.0128	0.6501
basehock		0.5075	0.4925	0.6044	0.0102	0.5276
bio		0.9913	0.0087	0.6396	0.0980	0.1792
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.6476	0.3524	0.6489	0.0912	0.4817
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.4434	0.1590	0.1687	0.0077	0.4274
bitcoin10%		0.1742	0.1502	0.0454	0.0007	0.3560
body-perf		0.4090	0.2955	0.4526	0.2119	0.5195
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5070	0.4930	0.5107	0.0116	0.8186
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.6655	0.6700	0.1505
bridges		0.5000	0.1667	0.3487	0.3243	0.3181
bub10at310k-hg16-17		0.8981	0.1019	0.5960	0.1631	0.6448
bub12at310k-hg16-17		0.8973	0.1027	0.5729	0.1125	0.6348
bub8at310k-hg16-17		0.8990	0.1010	0.6000	0.1699	0.6408
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.3750	0.6250	0.2727	0.0000	0.5170
cancer		0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae		0.4870	0.3420	0.2969	-0.0081	0.4218
car		0.8563	0.0718	0.8374	0.6499	0.2387
car-insurance		0.6970	0.3030	0.5967	0.0611	0.5704
card		0.6232	0.3768	0.6752	0.2937	0.7356
cardiotocography		0.6291	0.0742	0.6110	0.5622	0.3607
cardiotocography-nsp		0.2160	0.5227	0.5486	0.0453	0.2564
cardiovascular		0.5137	0.4863	0.5674	0.0266	0.6014
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.4696	0.4118	0.4091
cas_N6512_cdk_ECFP2		0.5668	0.4332	0.6097	0.1705	0.7982
cas_N6512_rdkit_ATOMPAIR		0.5108	0.4892	0.5427	0.0643	0.8666
cas_N6512_RDkit_AtomPair_FP		0.5399	0.4601	0.5740	0.1169	0.8497
cas_N6512_rdkit_AVALON		0.5837	0.4163	0.6341	0.2041	0.7527
cas_N6512_RDkit_Avalon_FP		0.6089	0.3911	0.6567	0.2492	0.7380
cas_N6512_rdkit_descriptors		0.5231	0.4769	0.5992	0.1017	0.6768
cas_N6512_rdkit_FEATMORGAN		0.4900	0.5100	0.5354	0.0385	0.7829
cas_N6512_RDkit_Featmorgan_FP		0.5230	0.4770	0.5669	0.0921	0.8098
cas_N6512_RDkit_FP		0.4785	0.5215	0.5199	0.0187	0.7700
cas_N6512_rdkit_LAYERED		0.4785	0.5215	0.5158	0.0165	0.7969
cas_N6512_RDkit_Layered_FP		0.4739	0.5261	0.5057	0.0063	0.8209
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.5937	0.1233	0.7580
cas_N6512_RDkit_pattern_FP		0.4908	0.5092	0.5257	0.0332	0.8398
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.5826	0.1178	0.8012

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_TORSION		0.5692	0.4308	0.6220	0.1780	0.7533
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.9258	0.0742	0.5152	0.0304	0.6141
cdc_diabetes		0.8405	0.1064	0.3793	0.0510	0.2787
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3886	0.6114	0.5405	0.0261	0.6342
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7854	0.5278	0.3340
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.5932	0.0936	0.4166
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9395	0.0605	0.6272	0.1819	0.4916
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.3234	0.3383	0.2157	0.0470	0.3809
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.6116	0.1148	0.4393
churn		0.3470	0.6530	0.5514	0.0471	0.5499
churn-bigml		0.9176	0.0824	0.8171	0.6120	0.4303
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.9870	0.0003	0.9889	0.9869	0.0038
cirrhosis		0.7143	0.1905	0.5118	0.4772	0.2946
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.3250	0.3375	0.3900	0.0428	0.4961
climate		0.0741	0.9259	0.0690	0.0000	0.1846
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4626	0.3583	0.3866	0.2106	0.5947
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.5656	0.0790	0.4509	0.4938	0.3616
coil20		0.7431	0.0257	0.7715	0.7296	0.1217
college		0.7273	0.2727	0.4211	0.0000	0.4205
collins		0.9800	0.0027	0.9249	0.9780	0.0067
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.6207	0.3793	0.4955	-0.0063	0.8798
colposcopies-2		0.5862	0.4138	0.3696	-0.0675	0.7923
colposcopies-3		0.6552	0.3448	0.6799	0.1899	0.4858
colposcopies-4		0.7241	0.2759	0.5767	0.1008	0.7373
colposcopies-5		0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6		0.6207	0.3793	0.6860	0.2200	0.5093
colposcopies-c		0.7241	0.2759	0.5383	0.0645	0.8394
column-2c		0.6774	0.3226	0.5584	0.0663	0.7441
column-3c		0.5161	0.3226	0.3594	0.1405	0.5342
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
cottonmeloidogyne		0.5264	0.4736	0.5678	0.0606	0.7028
coupon		0.6538	0.3462	0.6470	0.2409	0.7627
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.5401	0.1314	0.3887	0.2949	0.4919
covtypeCD		0.1933	0.8067	0.5490	0.0180	0.3201
covtypeT		0.9623	0.0377	0.8356	0.6309	0.2366
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.6599	0.1134	0.4397	0.4273	0.3562
cryotherapy		0.4444	0.5556	0.3077	0.0000	0.5302
cultivars		0.0000	0.0500	0.0000	-0.0291	0.2484

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
customer-churn		0.9802	0.0198	0.6565	0.1055	0.1698
cybersecurity		0.1533	0.2822	0.1434	-0.0141	0.7985
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.7593	0.2407	0.7539	0.4876	0.6885
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1002	0.1800	0.1034	-0.0003	0.8576
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7843	0.2157	0.6035	0.0696	0.5134
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.9900	0.0100	0.9901	0.9800	0.0680
deposit		0.8861	0.1139	0.6297	0.1665	0.5203
depressed		0.8112	0.1888	0.4479	-0.0387	0.6702
dermatology		0.8108	0.0631	0.7275	0.7628	0.0831
desharnais		0.6250	0.2500	0.4099	0.2000	0.4997
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.5000	0.3333	0.3775	0.2000	0.5347
DIA		0.6500	0.3500	0.5228	0.0455	0.8982
diabetes		0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k		0.9276	0.0724	0.7115	0.2621	0.2718
diabetes-risk		0.3371	0.6629	0.5898	0.0696	0.4616
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5588	0.2941	0.4930	0.2068	0.6627
diagnosis		0.8333	0.1667	0.8421	0.6364	0.3750
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.5736	0.1706	0.5000	0.4051	0.4510
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.4951	0.5049	0.5253	0.0298	0.8178
drebin		0.4757	0.5243	0.6365	0.1289	0.5431
dropout		0.4695	0.3536	0.4451	0.1303	0.5706
drug-01		0.2447	0.2158	0.1112	-0.0394	0.7035
drug-02		0.3830	0.1763	0.1274	0.0491	0.6626
drug-03		0.6170	0.1094	0.1449	0.0599	0.5103
drug-04		0.3511	0.1854	0.1491	0.0024	0.7801
drug-05		0.6755	0.0927	0.1482	0.0172	0.4157
drug-06		0.2553	0.2128	0.1837	0.1094	0.7181
drug-07		0.3777	0.1778	0.1437	0.0241	0.4080
drug-08		0.4149	0.1672	0.1846	0.1529	0.4609
drug-09		0.7819	0.0623	0.1433	0.0682	0.4545
drug-10		0.3936	0.1733	0.1800	0.0875	0.5821
drug-11		0.7500	0.0714	0.1243	0.0086	0.5212
drug-12		0.7128	0.0821	0.1556	0.0664	0.5070
drug-13		0.5053	0.1413	0.1938	0.2369	0.5476
drug-14		0.4787	0.1489	0.1822	0.1389	0.5019
drug-15		0.6223	0.1079	0.1701	0.1892	0.4071
drug-16		0.5053	0.1413	0.1866	0.2052	0.5277
drug-17		0.2766	0.2067	0.1729	0.0782	0.6591
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7074	0.0836	0.1318	0.0115	0.4086
drybean		0.3387	0.1889	0.4526	0.2343	0.2984
ecoli		0.5882	0.1029	0.2915	0.3936	0.2709

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU		0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM		0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce		0.1800	0.4100	0.1636	-0.0957	0.8869
eeg		0.2438	0.0945	0.2262	0.1756	0.7564
eeg-eye		0.6055	0.3945	0.6429	0.1346	0.5747
eeg10%		0.1861	0.1017	0.1825	0.1149	0.7582
eucalyptus		0.4110	0.2356	0.4200	0.2560	0.4383
euthyroid		0.0949	0.9051	0.0867	-0.0063	0.2590
exon.vs.intron-freq		0.5977	0.4023	0.6562	0.1571	0.5540
exon.vs.intron-freq10%		0.5338	0.4662	0.5608	0.0163	0.5832
fakenews		0.5075	0.4925	0.5060	0.0078	0.8685
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.3089	0.0813	0.2508	0.2432	0.5733
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.4525	0.1825	0.4271	0.2406	0.3524
fishcatch		0.5000	0.1667	0.3942	0.4128	0.1153
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
forest		0.3654	0.3173	0.2551	0.1254	0.3439
gas		0.6916	0.1028	0.7583	0.6335	0.1801
gastrointestinal		0.8125	0.1250	0.7812	0.6757	0.2537
gender		0.5726	0.2849	0.3267	0.0127	0.4883
gene		0.4574	0.3617	0.6058	0.2812	0.3390
german		0.7300	0.2700	0.6933	0.3005	0.6209
gestures		0.5728	0.2136	0.5835	0.4304	0.4915
gina		0.5159	0.4842	0.5560	0.0481	0.7115
glass		0.4286	0.1905	0.1983	0.2075	0.3212
glass-g2		0.5625	0.4375	0.6880	0.2432	0.5307
glassBWFP		0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP		0.4286	0.5714	0.5435	0.0526	0.7475
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.2857	0.7143	0.2222	-0.0976	0.2690
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6452	0.6875	0.1437
glioma-grade		0.5952	0.4048	0.6246	0.0332	0.5041
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.4667	0.2667	0.4376	0.2638	0.3590
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.7219	0.0464	0.4687	0.6714	0.1361
har		0.6284	0.1486	0.6207	0.5284	0.3402
har701%		0.5721	0.1222	0.3806	0.3569	0.4780
har7010%		0.5500	0.1286	0.3508	0.3146	0.4615
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.3184	0.1136	0.2535	0.1860	0.4282
harth10%		0.2453	0.1258	0.2754	0.1314	0.4057
hayes-roth		0.4375	0.3750	0.3207	0.0464	0.6089
hcc-survival		0.5294	0.4706	0.5919	0.1392	0.8021
health-activity		0.7600	0.1200	0.2159	-0.0101	0.3656
heart		0.5926	0.4074	0.3721	0.0000	0.5031
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure		0.7020	0.2980	0.6490	0.0686	0.4437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-quantum		0.8600	0.1400	0.8565	0.6957	0.4638
hepatitis		0.2000	0.8000	0.1667	0.0000	0.3900
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5731	0.4269	0.6181	0.1407	0.6899
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.2308	0.7692	0.1875	0.0000	0.4238
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.5164	0.4836	0.5560	0.0729	0.8074
higgs1%		0.5119	0.4881	0.5567	0.0675	0.7805
higgs10%		0.5327	0.4673	0.5805	0.1032	0.7701
higher		0.0714	0.2321	0.0833	-0.1519	0.4212
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8432	0.1568	0.6536	0.2300	0.5866
hiva		0.0426	0.9574	0.4034	-0.0087	0.1277
horse		0.5278	0.3148	0.3372	0.1053	0.5562
hotel-reservartions		0.7076	0.2924	0.6524	0.1505	0.5406
hr		0.8456	0.1544	0.4582	-0.0321	0.6348
ht-sensor		0.7297	0.1802	0.7559	0.5931	0.2959
ht-sensor10%		0.6463	0.2358	0.6840	0.4596	0.3352
htru2		0.9631	0.0369	0.8799	0.7331	0.1630
hypothyroid		0.9125	0.0438	0.2600	0.2238	0.0822
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy		0.6667	0.3333	0.5950	0.1818	0.8134
instagram		0.5060	0.2470	0.5550	0.3413	0.2190
ionosphere		0.3143	0.6857	0.2391	0.0000	0.4897
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.3466	0.0503	0.3560	0.3205	0.5100
jm1		0.8062	0.1938	0.5776	0.0497	0.5225
jvowels		0.7058	0.0654	0.6989	0.6664	0.2888
kc1		0.8578	0.1422	0.6671	0.1766	0.4196
kc1-class-level-defectiveornot		0.6667	0.3333	0.6637	0.3243	0.8514
kc1-class-level-numericdefect		0.2308	0.3077	0.0857	-0.1207	0.2380
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7308	0.2692	0.4222	-0.0997	0.8469
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.9864	0.0021	0.6147	0.9771	0.0138
kepler		0.6224	0.2517	0.6362	0.3796	0.5191
kidney		0.7147	0.1141	0.1937	-0.0065	0.6513
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.4627	0.0597	0.4254	0.4009	0.3851
krvskp		0.5266	0.4734	0.5459	0.0075	0.5709
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.0882	0.0456	0.0625	0.0639	0.2005
led24		0.4000	0.1200	0.2545	0.3220	0.2636
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.3940	0.0466	0.4006	0.3695	0.4621
leukemia2		0.7143	0.2857	0.7742	0.4615	0.5000
libra		0.4722	0.0704	0.4228	0.4309	0.1969
linkage1%		0.0040	0.9960	0.5010	0.0000	0.0105
liver		0.5294	0.4706	0.5780	0.1310	0.8267

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
loan		0.6253	0.3747	0.5540	0.0137	0.5642
localization		0.4487	0.1002	0.3037	0.3448	0.5747
localization10%		0.4053	0.1081	0.2328	0.2887	0.6441
lrs		0.3962	0.1208	0.2312	0.2658	0.2600
lung		0.5238	0.1905	0.3711	0.2784	0.4791
lung_discrete		0.2500	0.2143	0.1948	0.1724	0.3093
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.5556	0.4444	0.3571	0.0000	0.5164
lymphography		0.5714	0.2857	0.2424	0.0000	0.3175
lymphoma2		0.5556	0.1481	0.2500	0.4000	0.2017
machine-failure		0.4681	0.5319	0.5897	0.0708	0.6259
madelon		0.5769	0.4231	0.5962	0.1538	0.8304
magic04		0.7322	0.2678	0.7110	0.2937	0.5034
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.5521	0.4479	0.6205	0.1443	0.6836
marketing		0.1741	0.8259	0.4310	-0.0294	0.4442
maternal		0.5050	0.3300	0.5818	0.2576	0.5258
math		0.6250	0.1875	0.3887	0.4129	0.3725
mba		0.2661	0.4892	0.3127	-0.0216	0.2772
mental-disorders		0.7500	0.1250	0.7819	0.6667	0.2266
mental-health		0.1767	0.3293	0.1521	-0.0331	0.7927
messidor		0.4435	0.5565	0.5952	0.0134	0.5298
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.6474	0.6883	0.2415
meter-D		0.6111	0.1944	0.5367	0.5000	0.1857
mfeat-fac		0.5950	0.0810	0.6206	0.5500	0.2769
mfeat-fou		0.4150	0.1170	0.4130	0.3500	0.4233
mfeat-kar		0.4850	0.1030	0.4788	0.4278	0.4239
mfeat-mor		0.3550	0.1290	0.3403	0.2833	0.3106
mfeat-pix		0.5700	0.0860	0.5541	0.5222	0.3743
mfeat-zer		0.4750	0.1050	0.4445	0.4167	0.3852
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.1765	0.3294	0.0667	-0.0685	0.5281
mobile		0.0769	0.0330	0.0908	0.0602	0.4168
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.7049	0.2951	0.6817	0.1794	0.4490
monks-3		0.6786	0.3214	0.7308	0.3412	0.4922
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.1722	0.1505	0.2501	0.0859	0.6166
musk		0.9500	0.0500	0.8993	0.7911	0.2898
MUT_ci300400a_cdk_ECFP2		0.5072	0.4928	0.5777	0.1066	0.7839
MUT_ci300400a_cdk_ESTATE		0.5444	0.4556	0.6469	0.1825	0.6341
MUT_ci300400a_cdk_FCFP4		0.5899	0.4101	0.6537	0.2421	0.7342
MUT_ci300400a_cdk_FCFP6		0.5324	0.4676	0.6137	0.1537	0.7281
MUT_ci300400a_cdk_MACCS		0.6811	0.3189	0.7188	0.3923	0.7097
MUT_ci300400a_cdk_STANDARD		0.4719	0.5281	0.5504	0.0577	0.7648
MUT_ci300400a_rdkit_descriptors		0.4987	0.5013	0.5817	0.0951	0.7295
myocardial		0.8000	0.0500	0.2815	0.2926	0.5511
naticusdroid		0.7630	0.2370	0.7975	0.5266	0.4846
NCI60		0.3333	0.2222	0.1961	0.2000	0.2293
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7490	0.0264	0.1906	0.3992	0.9259

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ncRNA10%			0.7703	0.0242	0.2660	0.4491	0.8472
neo			0.9028	0.0972	0.6560	0.0020	0.2192
new-thyroid			0.8571	0.0952	0.5795	0.6613	0.1302
new-thyroidT			0.1429	0.8571	0.1250	0.0000	0.3113
new3s-wc			0.0095	0.0450	0.0004	0.0000	0.4165
newspop			0.5045	0.4955	0.5387	0.0513	0.8330
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.8894	0.1106	0.8636	0.6961	0.3239
NPHA-doctor-visits			0.3889	0.4074	0.3067	0.0140	0.5637
nursery			0.6628	0.1686	0.7192	0.5113	0.2320
obesity			0.6161	0.1097	0.5707	0.5504	0.2380
obs			0.6759	0.1620	0.6950	0.5444	0.2832
occupancy			0.8988	0.1012	0.8537	0.6644	0.2602
Occupancy_Estimation			0.1372	0.4314	0.4709	0.0744	0.1520
oh0-wc			0.5248	0.0950	0.4573	0.4552	0.3763
oh10-wc			0.2857	0.1429	0.2940	0.1989	0.5760
oh15-wc			0.2500	0.1500	0.2618	0.1738	0.5487
oh5-wc			0.2527	0.1495	0.2771	0.1607	0.6101
ohscal-wc			0.1039	0.1792	0.0188	0.0000	0.4018
olive			0.7368	0.0585	0.6356	0.6756	0.1485
opn310k10%			0.9075	0.0925	0.6097	0.1640	0.5748
opnat310k-hg16-17			0.8977	0.1023	0.5825	0.1323	0.6377
optdigits			0.6281	0.0744	0.6534	0.5869	0.3329
optdigitsZ			0.9804	0.0196	0.9415	0.8824	0.2950
orl			0.1250	0.0437	0.0877	0.1026	0.2008
ovarian-cancer			0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9091	0.0909	0.4762	-0.0268	0.6225
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.3402	0.6598	0.4505	-0.0152	0.6261
P-Glycoprotein_c_RDkit_AtomPair_FP			0.7540	0.2460	0.7698	0.5153	0.6701
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9159	0.0336	0.3493	0.4323	0.3086
parkinson			0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons			0.4265	0.5735	0.5762	0.0518	0.6089
parkinsons-small			0.7368	0.2632	0.4242	0.0000	0.4125
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.4354	0.5646	0.6183	0.1233	0.5632
pasture			0.2500	0.5000	0.1333	0.0000	0.4055
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.4278	0.5722	0.4928	-0.0058	0.7567
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.2237	0.7763	0.3048	-0.0727	0.6448
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.7662	0.0468	0.7773	0.7397	0.1946
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.5831	0.4169	0.6571	0.2472	0.7213
personalities			0.4685	0.0664	0.4775	0.4331	0.4746
pet-adoption			0.8300	0.1700	0.8040	0.5729	0.5144
phishing			0.6367	0.3633	0.6464	0.0873	0.4876
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5725	0.4275	0.6120	0.0023	0.5110
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.4372	0.1608	0.4877	0.3457	0.3027
phone-acc1%			0.5483	0.1291	0.5917	0.4746	0.2313
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.4774	0.1493	0.5037	0.3915	0.3091

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
phone-gyr1%			0.5587	0.1261	0.5901	0.4864	0.2209
phoneme			0.8000	0.2000	0.7381	0.3952	0.5236
phy			0.5630	0.4370	0.5990	0.1223	0.7339
pima			0.3816	0.6184	0.2762	-0.0264	0.6398
pirvision			0.8929	0.0714	0.7901	0.5539	0.1145
placement			0.6060	0.3940	0.6022	0.0781	0.6191
plant-growth			0.5263	0.4737	0.5101	0.0116	0.8345
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5122	0.1394	0.1612	0.0566	0.3992
poker10%			0.5679	0.1080	0.1702	0.1752	0.3805
polish-1st			0.9559	0.0441	0.4887	-0.0100	0.4925
polish-2nd			0.9577	0.0423	0.5859	0.1096	0.4781
polish-3rd			0.9505	0.0495	0.5883	0.0915	0.4301
polish-4th			0.9449	0.0551	0.5864	0.0871	0.4348
polish-5th			0.9306	0.0694	0.6122	0.1119	0.4175
polya			0.4141	0.5859	0.5210	0.0230	0.7597
popularity			0.4822	0.3452	0.3895	0.0904	0.5438
post-operative			0.6667	0.3333	0.7500	0.4000	0.5283
postures			0.5638	0.1745	0.5895	0.4551	0.3611
pred-tox_mutagen_ref-desc			0.5147	0.4853	0.5232	0.0294	0.8430
prestige			0.7778	0.1481	0.5926	0.6400	0.1389
primary-tumor			0.2727	0.1119	0.2090	0.2024	0.3472
profb			0.4627	0.5373	0.5579	0.0808	0.7751
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio			0.6831	0.1267	0.6983	0.5956	0.1499
puc-rio10%			0.7025	0.1190	0.7243	0.6225	0.1694
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4913	0.5087	0.4896	-0.0171	0.9488
pufs-641%			0.4946	0.5054	0.4921	-0.0114	0.9099
pulsar			0.9066	0.0934	0.4755	-0.0016	0.2706
raisin			0.5111	0.4889	0.5461	0.0222	0.6435
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.0133	0.1518	0.0020	0.0000	0.3290
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5503	0.4497	0.5411	0.0034	0.5473
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5123	0.4877	0.6143	0.1367	0.6804
RT_IOT2022			0.1568	0.1405	0.6350	0.1477	0.0233
satimage			0.6734	0.1089	0.6895	0.6081	0.3019
satimageF			0.8927	0.1073	0.6604	0.0252	0.2350
satimageT			0.1540	0.8460	0.4714	-0.0109	0.3212
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.4444	0.5556	0.4696	-0.0465	0.7758
schizo			0.5882	0.4118	0.6290	0.1765	0.7179
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9103	0.0897	0.5429	0.0808	0.6776
seeds			0.8571	0.0952	0.8676	0.7857	0.2568
segment			0.8225	0.0507	0.8666	0.7933	0.1012
segmentation			0.6584	0.3416	0.5959	0.0677	0.6039
segmentO			0.1472	0.8528	0.1283	0.0000	0.3180
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.8632	0.1368	0.4633	-0.0102	0.4508
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-3-gram			0.8211	0.1789	0.5303	0.0569	0.7767
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.6810	0.0580	0.7019	0.6491	0.1577
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8483	0.1517	0.6093	0.1156	0.5371
shuttle			0.8447	0.0444	0.4478	0.5903	0.1136
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin			0.8078	0.1922	0.6737	0.1137	0.3470
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.2540	0.0096	0.8229
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6766	0.3234	0.6316	0.1752	0.6867
soil_pollution			0.1900	0.3240	0.1784	-0.0141	0.8532
solar-flare			0.4892	0.1703	0.3342	0.3355	0.3464
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.4412	0.0588	0.3513	0.3900	0.1903
spam-detection			0.9200	0.0800	0.7114	0.2141	0.1927
spambase			0.4000	0.6000	0.4940	-0.0018	0.6245
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8286	0.1714	0.7887	0.4878	0.3453
spectrometer			0.1154	0.0655	0.0805	0.0693	0.3476
splice-EI			0.2555	0.7445	0.4568	-0.0063	0.5015
splice-IE			0.8991	0.1009	0.8661	0.7305	0.5113
sport-articles			0.5300	0.4700	0.6412	0.1869	0.6597
squash-stored			0.4000	0.4000	0.2222	0.0000	0.3434
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7038	0.1975	0.6312	0.4892	0.3076
steel-b			0.7795	0.2205	0.5512	0.0578	0.6888
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.6974	0.3026	0.6644	0.1728	0.5316
steel-p			0.2103	0.7897	0.5336	0.0155	0.2586
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.6428	0.2381	0.5038	0.2932	0.2977
stock			0.8681	0.1319	0.7447	0.4462	0.5391
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.5340	0.4660	0.6464	0.1412	0.5553
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4700	0.2120	0.2589	0.1898	0.4759
student-depression			0.6710	0.3290	0.6693	0.2457	0.6564
student-habits			0.3300	0.2680	0.2214	0.0657	0.7065
student-weekend			0.3846	0.2462	0.2846	0.1653	0.6724
student-workday			0.6719	0.1313	0.2137	0.1699	0.3670
studentap			0.3846	0.4103	0.3899	0.0545	0.7589
susy1%			0.5890	0.4110	0.6089	0.1163	0.6766
susy10%			0.6529	0.3471	0.6820	0.2613	0.6277
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.3751	0.6249	0.2728	0.0000	0.5171
tae			0.4667	0.3556	0.3652	0.2000	0.4530
telco-churn			0.3480	0.6520	0.5542	0.0428	0.5791
texture			0.6582	0.0621	0.6503	0.6227	0.1642
theorem			0.9804	0.0196	0.9800	0.9594	0.1099

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.7789	0.2211	0.7511	0.4206	0.5162
tis			0.2723	0.7277	0.4636	-0.0210	0.6029
tis10%			0.2388	0.7612	0.3561	-0.0254	0.5448
titanic			0.3227	0.6773	0.2440	0.0000	0.4945
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.5294	0.2353	0.4664	0.3645	0.4416
toxicity			0.7647	0.2353	0.7424	0.4848	0.7453
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.3415	0.1463	0.3150	0.2381	0.4552
trec12-wc			0.4839	0.1290	0.4590	0.3839	0.3940
trec21-wc			0.4545	0.2182	0.2002	0.0388	0.4705
trec23-wc			0.4286	0.1905	0.2445	0.2025	0.4550
tuandromd			0.9305	0.0695	0.8890	0.7524	0.1912
turkish			0.5500	0.2250	0.5810	0.4000	0.4799
tvnews			0.4576	0.5424	0.6024	0.1000	0.6253
tvnews1%			0.3769	0.6231	0.4738	-0.0170	0.7149
tvnews10%			0.4518	0.5482	0.5811	0.0836	0.6743
ur3_cobotops_grip			0.9687	0.0313	0.6513	0.1419	0.2681
ur3_cobotops_stop			0.9619	0.0381	0.5756	0.0598	0.3650
urban			0.3881	0.1360	0.4049	0.2949	0.3094
urinalysis			0.9510	0.0490	0.7039	0.3436	0.4349
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.4643	0.2679	0.4784	0.2711	0.4086
vehicleVAN			0.2500	0.7500	0.2000	0.0000	0.4422
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.4884	0.5116	0.3281	0.0000	0.5296
vowel			0.3535	0.1175	0.3231	0.2889	0.3481
vowelZ			0.0909	0.9091	0.0833	0.0000	0.2192
vrnormat310k-hg16-17			0.9003	0.0997	0.6095	0.1889	0.6369
warpar10p			0.5385	0.0923	0.4632	0.4868	0.1428
warppie10p			0.8571	0.0286	0.8153	0.8409	0.0596
watch-acc1%			0.4744	0.1502	0.5155	0.3904	0.2774
watch-gyr1%			0.6129	0.1106	0.6233	0.5488	0.2155
water_pollution			0.2833	0.3583	0.2442	0.0442	0.7457
waveform			0.5020	0.3320	0.5456	0.2497	0.4951
weather-related			0.6288	0.0675	0.6335	0.5867	0.1796
web-phishing			0.7926	0.1383	0.7616	0.6519	0.4415
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.7134	0.1147	0.7138	0.6347	0.2456
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.8250	0.0875	0.8581	0.7667	0.1099
wilt			0.0745	0.9255	0.5192	0.0027	0.1329
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5723	0.1426	0.2096	0.2760	0.3891
winequality-white			0.4724	0.1507	0.2031	0.1623	0.5093
winnipeg10%			0.9776	0.0064	0.9588	0.9717	0.0807
wisc_bc			0.3684	0.6316	0.2692	0.0000	0.5148
yale			0.1250	0.1167	0.0691	0.0667	0.2597
yeast			0.3311	0.1338	0.2608	0.1464	0.3978
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.6486	0.3514	0.5976	0.0559	0.1963

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastME1			0.0338	0.9662	0.3618	-0.0130	0.1151
yeastME2			0.0676	0.9324	0.4316	-0.0112	0.1687
zip			0.5935	0.0813	0.5583	0.5430	0.3915

Table 140: Detailed results for ONER

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1422	0.0817	0.1025	0.0549	0.4926
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.6000	0.4000	0.6021	0.2000	0.9166
ads		0.9238	0.0762	0.8250	0.6093	0.3286
adult		0.8104	0.1896	0.7191	0.2769	0.3644
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.5447	0.0437	0.6386
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8586	0.0943	0.3080	-0.0312	0.3708
AID1284Morered		0.7778	0.2222	0.4375	-0.1163	0.8180
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6000	0.4000	0.5669	0.1304	0.8900
AID644red		0.6000	0.4000	0.5669	0.1304	0.8900
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8028	0.1972	0.7294	0.4587	0.7244
air_pollution		0.3533	0.1848	0.1510	-0.0398	0.7113
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.7896	0.2104	0.7957	0.5818	0.6566
alcohol		0.7810	0.0876	0.4156	0.4775	0.2508
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.7070	0.2930	0.6604	0.3073	0.8143
anneal		0.8090	0.0764	0.3776	0.4596	0.1451
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9903	0.0097	0.6199	0.2179	0.5108
anuran-family		0.8150	0.0925	0.4846	0.6364	0.3468
anuran-genus		0.7497	0.0626	0.2528	0.5553	0.4329
anuran-species		0.7028	0.0594	0.2975	0.5693	0.3109
anxiety		0.0833	0.2037	0.0840	-0.0313	0.8120
apple-quality		0.5475	0.4525	0.5477	0.0950	0.9686
aps-failure		0.9828	0.0172	0.7063	0.3936	0.4840
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7000	0.3000	0.7292	0.4231	0.7161

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.6000	0.0800	0.1439	0.1735	0.3047
auction		0.9216	0.0784	0.8040	0.5217	0.1952
audiology		0.4545	0.0992	0.1191	0.3016	0.2429
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7000	0.1000	0.4804	0.5890	0.2283
avila		0.9837	0.0027	0.9837	0.9788	0.0296
babies		0.4435	0.1590	0.1498	0.1315	0.5128
balance		0.6290	0.2473	0.4334	0.3030	0.4915
bank		0.8874	0.1126	0.6328	0.2129	0.5987
banknote		0.8540	0.1460	0.8529	0.7054	0.5536
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.7742	0.2258	0.7495	0.4604	0.6338
basehock		0.7035	0.2965	0.7506	0.4087	0.5360
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.7143	0.2857	0.6897	0.3762	0.8117
biomed		0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5000	0.2500	0.5165	0.3333	0.6002
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.4955	0.5045	0.4954	-0.0091	1.0000
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.4545	0.1818	0.3684	0.3592	0.2044
bridges		0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9130	0.0870	0.9164	0.8189	0.3522
cancer-uae		0.4700	0.3533	0.3034	-0.0216	0.5395
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.8030	0.1970	0.7816	0.5599	0.6809
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.4883	0.1023	0.3009	0.3607	0.3979
cardiotocography-nsp		0.8169	0.1221	0.4762	0.3817	0.3645
cardiovascular		0.7121	0.2879	0.7156	0.4242	0.7861
cargo2k		0.6523	0.2318	0.6481	0.4769	0.3362
cars		0.7500	0.1667	0.6162	0.5460	0.4384
cas_N6512_cdk_ECFP2		0.5791	0.4209	0.5699	0.1329	0.9306
cas_N6512_rdkit_ATOMPAIR		0.5923	0.4077	0.6124	0.2053	0.8699
cas_N6512_RDkit_AtomPair_FP		0.5859	0.4141	0.6112	0.1965	0.8549
cas_N6512_rdkit_AVALON		0.6160	0.3840	0.6150	0.2298	0.9130
cas_N6512_RDkit_Avalon_FP		0.6150	0.3850	0.6120	0.2239	0.9161
cas_N6512_rdkit_descriptors		0.5554	0.4446	0.5533	0.1065	0.9641
cas_N6512_rdkit_FEATMORGAN		0.5576	0.4424	0.5588	0.1170	0.9575
cas_N6512_RDkit_Featmorgan_FP		0.5798	0.4202	0.5864	0.1687	0.9270
cas_N6512_RDkit_FP		0.6319	0.3681	0.6299	0.2598	0.8993
cas_N6512_rdkit_LAYERED		0.6185	0.3815	0.6142	0.2276	0.9124
cas_N6512_RDkit_Layered_FP		0.5905	0.4095	0.5841	0.1661	0.9346
cas_N6512_rdkit_MACCS		0.6068	0.3932	0.6305	0.2353	0.8424

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.6074	0.3926	0.6027	0.2044	0.9224
cas_N6512_rdkit_MORGAN		0.5954	0.4046	0.5878	0.1679	0.9167
cas_N6512_RDkit_morgan_FP		0.5874	0.4126	0.5805	0.1582	0.9356
cas_N6512_rdkit_PATTERN		0.6385	0.3615	0.6336	0.2637	0.8875
cas_N6512_RDkit_pattern_FP		0.6518	0.3482	0.6476	0.2930	0.8759
cas_N6512_rdkit_RDKITFP		0.5991	0.4009	0.6094	0.2103	0.8987
cas_N6512_rdkit_TORSION		0.5600	0.4400	0.5705	0.0554	0.6777
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8426	0.1050	0.3959	0.0033	0.1756
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6632	0.3368	0.5904	0.1510	0.8338
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9462	0.0538	0.6860	0.2229	0.3025
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.9391	0.0304	0.9216	0.9092	0.1424
chrom19		0.9997	0.0003	0.9175	0.8217	0.0313
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9992	0.0008	0.7839	0.5621	0.4216
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9157	0.0843	0.4780	-0.0113	0.4605
churn		0.8100	0.1900	0.6504	0.1245	0.4441
churn-bigml		0.8876	0.1124	0.7377	0.3588	0.3562
ci900367j_MACCS		0.6842	0.3158	0.6572	0.2192	0.6561
circles		0.1000	0.0180	0.0989	0.0909	0.4073
cirrhosis		0.5238	0.3175	0.3238	0.0047	0.5353
cjs		0.9964	0.0012	0.9962	0.9956	0.0059
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.5324	0.2338	0.2963	0.2225	0.4549
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5000	0.3333	0.6111	0.2174	0.4138
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5442	0.3039	0.4078	0.2470	0.6195
cnae-9		0.2037	0.1770	0.1468	0.1042	0.3654
codon_usage		0.5679	0.0786	0.4885	0.4689	0.5033
coil20		0.4653	0.0535	0.4563	0.4369	0.3028
college		0.8442	0.1558	0.7983	0.5951	0.6222
collins		0.9800	0.0027	0.9249	0.9780	0.0067
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.5841	0.1570	0.8836
colposcopies-2		0.5517	0.4483	0.4754	-0.0443	0.9714
colposcopies-3		0.4828	0.5172	0.4257	-0.1358	1.0000
colposcopies-4		0.6207	0.3793	0.3830	-0.1771	0.9460
colposcopies-5		0.8621	0.1379	0.7242	0.4257	0.6185
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.8065	0.1935	0.8110	0.5991	0.6096
column-3c		0.7742	0.1505	0.6696	0.6252	0.2830
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.9812	0.0125	0.4888	0.3236	0.0358
cottonmeloidogyne		0.6058	0.3942	0.6109	0.2135	0.8994
coupon		0.6120	0.3880	0.5926	0.1445	0.8219

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.6661	0.0954	0.3662	0.4394	0.3550
covtypeCD		0.9021	0.0979	0.7580	0.4517	0.4252
covtypeT		0.9343	0.0657	0.7122	0.4150	0.5797
crabs		0.5000	0.2500	0.3333	0.3333	0.2044
creditcard_trans		0.9989	0.0011	0.8147	0.6185	0.3498
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.7862	0.0713	0.3870	0.5260	0.3417
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.1562	0.0422	0.0625	0.1308	0.2209
customer-churn		0.9792	0.0208	0.5706	0.0177	0.1761
cybersecurity		0.1667	0.2778	0.1636	-0.0009	0.8789
cyclopentane		0.5926	0.4074	0.5912	0.1818	0.9314
cylinder-bands		0.6667	0.3333	0.6517	0.2946	0.8522
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0968	0.1806	0.0965	-0.0036	0.9282
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8263	0.1737	0.7128	0.3858	0.6261
defect		0.8302	0.1698	0.5803	0.1155	0.6787
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8852	0.1148	0.6424	0.2323	0.5971
depressed		0.8252	0.1748	0.5461	0.0382	0.5884
dermatology		0.4865	0.1712	0.2253	0.3279	0.2226
desharnais		0.6250	0.2500	0.5032	0.3143	0.4486
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6250	0.2500	0.5263	0.4000	0.3199
DIA		0.8000	0.2000	0.7037	0.3846	0.6952
diabetes		0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.8161	0.1839	0.7076	0.4136	0.7238
diabetic1%		0.5588	0.2941	0.3556	0.0973	0.5771
diabetic10%		0.5639	0.2908	0.3594	0.1098	0.5333
diagnosis		0.9167	0.0833	0.9226	0.8333	0.3145
diamonds		0.7833	0.1083	0.8286	0.7003	0.1958
diamonds_all		0.6185	0.1526	0.5087	0.4280	0.3299
dishonest		0.7500	0.2500	0.6948	0.3846	0.7788
dlbcl-harvard-outcome		0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.6250	0.3750	0.6343	0.2603	0.8728
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5340	0.4660	0.5304	0.0195	0.6990
drebin		0.8064	0.1936	0.7914	0.5494	0.5653
dropout		0.7065	0.1956	0.5989	0.5083	0.5532
drug-01		0.3883	0.1748	0.1169	0.0059	0.3883
drug-02		0.5160	0.1383	0.0976	0.0045	0.2958
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5213	0.1368	0.0996	0.0117	0.4057
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3989	0.1717	0.1584	0.2181	0.3829
drug-07		0.4255	0.1641	0.1316	0.0229	0.3624
drug-08		0.5372	0.1322	0.1020	0.0084	0.3479
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-10		0.5319	0.1337	0.1396	0.0856	0.3735
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7872	0.0608	0.1258	-0.0070	0.2247
drug-13		0.5851	0.1185	0.1591	0.1606	0.3550
drug-14		0.5798	0.1201	0.1929	0.0727	0.3291
drug-15		0.7660	0.0669	0.1936	0.0374	0.1782
drug-16		0.5691	0.1231	0.1756	0.2668	0.3333
drug-17		0.3564	0.1839	0.1295	0.0950	0.4381
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.6356	0.1041	0.6356	0.5574	0.3472
ecoli		0.6765	0.1078	0.3699	0.5405	0.2256
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7791	0.5237	0.6384
ecoliMU		0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.1800	0.4100	0.1815	-0.0955	0.8446
eeg		0.1822	0.1022	0.1213	0.0801	0.7329
eeg-eye		0.6268	0.3732	0.6173	0.2195	0.8746
eeg10%		0.1827	0.1022	0.1461	0.0843	0.6811
email_phishing		0.9867	0.0133	0.4967	-0.0000	0.0618
eucalyptus		0.5616	0.1753	0.5820	0.4433	0.4432
euthyroid		0.9494	0.0506	0.8612	0.7219	0.4761
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8786	0.1214	0.8812	0.7545	0.4506
fakenews		0.4800	0.5200	0.4800	-0.0399	1.0000
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.3618	0.0751	0.0872	0.2161	0.3282
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5294	0.4706	0.5102	0.0192	0.9732
financial-risk		0.6335	0.1222	0.2168	0.3235	0.2218
fishcatch		0.7500	0.0833	0.5553	0.6832	0.1341
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.7885	0.1058	0.7641	0.7091	0.2867
gas		0.5464	0.1512	0.5206	0.4475	0.5505
gastrointestinal		0.3750	0.4167	0.3173	0.0244	0.6750
gender		0.5347	0.3102	0.3167	-0.0091	0.5468
gene		0.5110	0.3260	0.2255	0.0000	0.3731
german		0.6100	0.3900	0.5032	0.0051	0.9123
gestures		0.5043	0.2479	0.5082	0.3394	0.5886
gina		0.7378	0.2622	0.7406	0.4734	0.7478
gisette		0.8286	0.1714	0.8292	0.6571	0.6030
glass		0.6667	0.1111	0.5072	0.5051	0.1996
glass-g2		0.6875	0.3125	0.7115	0.3939	0.7489
glassBWFP		0.8095	0.1905	0.8132	0.6147	0.6219
glassBWNFP		0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.4545	0.2105	0.3708
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage		0.4000	0.3000	0.3548	0.1615	0.5188
gsalc		0.6667	0.1111	0.6222	0.5970	0.1390

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
haberman		0.7000	0.3000	0.6011	0.2012	0.8607
hapt		0.5288	0.0785	0.3096	0.4401	0.3735
har		0.5729	0.1708	0.5643	0.4529	0.5689
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7597	0.0686	0.4124	0.6442	0.2492
har7010%		0.7708	0.0655	0.4151	0.6579	0.2511
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6765	0.0539	0.2728	0.5369	0.3243
harth10%		0.6867	0.0522	0.2773	0.5500	0.3099
hayes-roth		0.3750	0.4167	0.2790	-0.0458	0.6275
hcc-survival		0.7059	0.2941	0.6913	0.3796	0.8165
health-activity		0.7600	0.1200	0.2159	-0.0157	0.2902
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.7419	0.2581	0.7448	0.4855	0.7510
heart-c		0.6667	0.3333	0.6637	0.3243	0.8571
heart-failure		0.9420	0.0580	0.9326	0.8651	0.3210
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%		0.7875	0.2125	0.7887	0.5747	0.6792
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.6923	0.3077	0.5667	0.1333	0.8605
higgs0.1%		0.5955	0.4045	0.5943	0.1886	0.9325
higgs1%		0.5975	0.4025	0.5956	0.1912	0.9314
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1515	0.1515	0.2969
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8398	0.1602	0.6389	0.1583	0.5162
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5000	0.3333	0.3348	0.0743	0.5864
hotel-reservartions		0.7770	0.2230	0.7324	0.4411	0.6862
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.6224	0.2517	0.6256	0.4341	0.6284
htru2		0.9765	0.0235	0.9264	0.8500	0.2265
hypothyroid		0.9549	0.0225	0.6122	0.7459	0.2920
hypothyroidT		0.9894	0.0106	0.9660	0.9297	0.2551
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
instagram		0.9227	0.0387	0.9277	0.8969	0.1081
ionosphere		0.8286	0.1714	0.8011	0.6023	0.6420
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.8600	0.1400	0.8695	0.7059	0.3522
isolet		0.1130	0.0682	0.1070	0.0775	0.6770
jm1		0.7943	0.2057	0.5647	0.0891	0.7138
jvowels		0.2620	0.1640	0.2566	0.1639	0.6916
kc1		0.8246	0.1754	0.5646	0.1030	0.7276
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6929	0.3824	0.7363
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.9733	0.0041	0.2247	0.9545	0.0306

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.7929	0.1381	0.7228	0.6494	0.2907
kidney		0.7994	0.0802	0.1778	0.0011	0.1827
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2435	0.0841	0.0659	0.1147	0.4216
krvskp		0.7022	0.2978	0.7070	0.3947	0.7711
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.6667	0.3333	0.6250	0.2500	0.8750
leaf		0.1765	0.0412	0.0515	0.1392	0.2088
led24		0.3000	0.1400	0.0930	0.1765	0.2788
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.1815	0.0630	0.0980	0.1471	0.4363
leukemia		0.7143	0.1905	0.7222	0.5625	0.3324
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.1944	0.1074	0.1857	0.1414	0.3547
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.9981	0.0019	0.9022	0.7868	0.4689
liver		0.4706	0.5294	0.4219	-0.1547	0.9734
loan		0.9696	0.0304	0.9687	0.9361	0.1901
localization		0.3997	0.1091	0.1528	0.1763	0.5252
localization10%		0.3835	0.1121	0.1295	0.1552	0.5692
lrs		0.6415	0.1024	0.3837	0.4950	0.3177
lung		0.7143	0.1143	0.3639	0.3115	0.3246
lung_discrete		0.5000	0.1429	0.2667	0.3333	0.2674
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.8500	0.0600	0.5302	0.6471	0.0871
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7857	0.1429	0.5352	0.5882	0.3396
lymphoma2		0.5556	0.1481	0.2222	0.3333	0.2058
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.5731	0.4269	0.5731	0.1462	0.9508
magic04		0.7170	0.2830	0.6806	0.3589	0.8166
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8261	0.6402	0.5767
marketing		0.8438	0.1562	0.5853	0.1262	0.6688
maternal		0.6238	0.2508	0.6340	0.4317	0.6083
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8371	0.1086	0.3040	0.0038	0.2072
mental-disorders		0.5833	0.2083	0.5915	0.4444	0.2834
mental-health		0.1733	0.3307	0.1685	-0.0344	0.8864
messidor		0.4348	0.5652	0.4209	-0.1580	1.0000
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		0.8889	0.0741	0.8889	0.8302	0.1290
meter-C		0.8333	0.0833	0.8456	0.7731	0.2218
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.3900	0.1220	0.3795	0.3222	0.5079
mfeat-fou		0.4000	0.1200	0.3713	0.3333	0.5135
mfeat-kar		0.3200	0.1360	0.3232	0.2444	0.5767
mfeat-mor		0.4500	0.1100	0.4401	0.3889	0.4016
mfeat-pix		0.2600	0.1480	0.1481	0.1778	0.4631
mfeat-zer		0.2600	0.1480	0.2608	0.1778	0.6313
mice-prot		0.4259	0.1435	0.3893	0.3405	0.5225
milk		0.7453	0.1698	0.7376	0.6181	0.3616

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mines		0.4412	0.2235	0.4174	0.2963	0.5377
mobile		0.0874	0.0326	0.0734	0.0708	0.3966
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7679	0.2321	0.7886	0.5285	0.5651
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.8831	0.1169	0.8900	0.7675	0.4161
music		0.3000	0.1273	0.2064	0.1265	0.6982
musk		0.8970	0.1030	0.7753	0.5020	0.4436
MUT_ci300400a_cdk_ECFP2		0.6043	0.3957	0.5687	0.0972	0.8177
MUT_ci300400a_cdk_ECFP4		0.6048	0.3952	0.5687	0.1032	0.8376
MUT_ci300400a_cdk_ECFP6		0.6036	0.3964	0.5682	0.0990	0.8268
MUT_ci300400a_cdk_ESTATE		0.6103	0.3897	0.5837	0.1592	0.9125
MUT_ci300400a_cdk_EXTENDED		0.6283	0.3717	0.6015	0.1685	0.8329
MUT_ci300400a_cdk_FCFP2		0.6263	0.3737	0.5987	0.1767	0.8694
MUT_ci300400a_cdk_FCFP4		0.6283	0.3717	0.6014	0.1816	0.8664
MUT_ci300400a_cdk_FCFP6		0.6223	0.3777	0.5945	0.1716	0.8807
MUT_ci300400a_cdk_MACCS		0.6079	0.3921	0.6268	0.2388	0.8648
MUT_ci300400a_cdk_PUBCHEM		0.6263	0.3737	0.5990	0.1796	0.8750
MUT_ci300400a_cdk_STANDARD		0.6539	0.3461	0.6585	0.3109	0.8542
MUT_ci300400a_rdkit_descriptors		0.6190	0.3810	0.6072	0.2139	0.9150
myocardial		0.8706	0.0324	0.2414	0.2917	0.1026
naticusdroid		0.8609	0.1391	0.8665	0.7217	0.4855
NCI60		0.5000	0.1667	0.4000	0.4000	0.1569
nci9		0.1667	0.2778	0.0833	0.0000	0.3074
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8768	0.0130	0.2889	0.6386	0.4154
ncRNA10%		0.8993	0.0106	0.4425	0.7115	0.5368
neo		0.9123	0.0877	0.6787	0.2716	0.4737
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT		0.9048	0.0952	0.8662	0.6957	0.5000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.5396	0.4604	0.5377	0.0754	0.9755
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.8595	0.1405	0.8260	0.6517	0.5832
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.6628	0.1686	0.4276	0.4962	0.1594
obesity		0.6398	0.1029	0.6437	0.5793	0.3496
obs		0.8889	0.0556	0.9192	0.8326	0.1530
occupancy		0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation		0.9447	0.0276	0.8134	0.8240	0.0758
oh0-wc		0.3564	0.1287	0.1498	0.2152	0.3055
oh10-wc		0.2571	0.1486	0.1198	0.1136	0.3804
oh15-wc		0.3370	0.1326	0.1559	0.2022	0.3891
oh5-wc		0.2418	0.1516	0.1252	0.1026	0.3853
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.5965	0.0897	0.3736	0.4930	0.3158
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9104	0.0896	0.6064	0.1214	0.4899
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.2794	0.1441	0.2354	0.2025	0.5971
optdigitsZ		0.9573	0.0427	0.8928	0.7734	0.4682
orl		0.2500	0.0375	0.1714	0.2308	0.1786
orlraws10P		0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr		0.9368	0.0632	0.7246	0.2575	0.1626
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7474	0.2526	0.7048	0.4000	0.7644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
P-Glycoprotein_c_RDkit_AtomPair_FP			0.7222	0.2778	0.7232	0.4450	0.7871
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9342	0.0263	0.4132	0.5713	0.2341
parkinson			0.9583	0.0417	0.9592	0.9151	0.2119
parkinsons			0.7251	0.2749	0.6973	0.3831	0.7816
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.8331	0.1669	0.7812	0.5496	0.6124
particle10%			0.8192	0.1808	0.7630	0.5165	0.6543
pasture			0.5000	0.3333	0.4706	0.2727	0.3750
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5464	0.4536	0.3533	-0.0712	0.8005
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.7237	0.2763	0.6251	0.2500	0.8340
pediatric-leukemia			0.5294	0.1345	0.4153	0.4163	0.3411
pendigits			0.3922	0.1216	0.3704	0.3236	0.4214
period			0.6667	0.3333	0.5950	0.1818	0.8798
period-10f			0.5556	0.4444	0.3571	-0.2000	0.9762
persistency			0.7813	0.2187	0.7641	0.4944	0.6231
personalities			0.1033	0.1121	0.0639	0.0435	0.5573
pet-adoption			0.7350	0.2650	0.7114	0.4208	0.7826
phishing			0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.9970	0.0030	0.9970	0.9939	0.0223
phone-acc0.1%			0.4349	0.1615	0.4335	0.3384	0.6191
phone-acc1%			0.4325	0.1621	0.4306	0.3353	0.6205
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.6181	0.1091	0.5931	0.5525	0.3940
phone-gyr1%			0.6120	0.1109	0.5925	0.5454	0.4049
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7426	0.2574	0.6763	0.3521	0.8019
phy			0.6494	0.3506	0.6498	0.2984	0.8778
pima			0.6842	0.3158	0.6575	0.2716	0.7650
pirvision			0.9477	0.0348	0.8441	0.8300	0.1779
placement			0.7370	0.2630	0.7345	0.4674	0.7681
plant-growth			0.4737	0.5263	0.4722	-0.0556	1.0000
plrx			0.5556	0.4444	0.4462	-0.1077	0.9442
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5005	0.1427	0.1434	0.0154	0.2807
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9630	0.0370	0.6560	0.2230	0.4079
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9551	0.0449	0.7294	0.4288	0.4797
polish-5th			0.9459	0.0541	0.7416	0.4065	0.3622
polya			0.6919	0.3081	0.6438	0.2737	0.8324
popularity			0.5818	0.2788	0.3400	0.0363	0.5820
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.4858	0.2057	0.4743	0.3569	0.5653
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6329	0.2647	0.8956
prestige			0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor			0.1818	0.1259	0.0604	0.0166	0.4131
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6716	0.3284	0.5552	0.0587	0.7352
promoters			0.7000	0.3000	0.7674	0.4444	0.5112
prostate			0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE			0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio			0.7580	0.0968	0.6150	0.6666	0.3215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
puc-rio10%			0.7568	0.0973	0.6076	0.6661	0.3354
pufs-1281%			0.4883	0.5117	0.4883	-0.0233	1.0000
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5025	0.4975	0.5025	0.0050	0.9986
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9745	0.0255	0.9204	0.8380	0.2450
raisin			0.9444	0.0556	0.9446	0.8889	0.2853
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.5533	0.0687	0.1165	0.3062	0.2746
re1-wc			0.4036	0.0477	0.0503	0.2394	0.2814
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.9802	0.0198	0.9800	0.9600	0.1303
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5907	0.4093	0.5583	0.1123	0.9382
RT_IOT2022			0.9506	0.0082	0.6332	0.8760	0.0377
satimage			0.6065	0.1312	0.6245	0.5164	0.4105
satimageF			0.9627	0.0373	0.8974	0.7862	0.2607
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5944	0.1765	0.9011
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.6178	0.3822	0.6073	0.2109	0.9097
seeds			0.8571	0.0952	0.8631	0.7857	0.2706
segment			0.5931	0.1163	0.6011	0.5252	0.3341
segmentation			0.6881	0.3119	0.6570	0.3138	0.8508
segmentO			0.9870	0.0130	0.9745	0.9489	0.1700
seismic			0.9225	0.0775	0.4798	-0.0202	0.5773
semeion			0.9560	0.0440	0.8819	0.7633	0.4382
sens-1-gram			0.8632	0.1368	0.5313	0.0179	0.4988
sens-10-gram			0.8635	0.1365	0.5687	0.0487	0.4933
sens-2-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sens-3-gram			0.8658	0.1342	0.5694	0.0500	0.4928
sens-4-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-8-gram			0.8579	0.1421	0.5509	0.0587	0.6232
sens-9-gram			0.8632	0.1368	0.5688	0.0697	0.5660
sensorless			0.6386	0.0657	0.6384	0.6025	0.4204
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8832	0.1168	0.7552	0.5028	0.6062
shuttle			0.9453	0.0156	0.4791	0.8575	0.1117
sick			0.9523	0.0477	0.8001	0.5996	0.5178
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.8855	0.1145	0.8226	0.6447	0.5628
skin10%			0.8803	0.1197	0.8190	0.6379	0.5814
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2000	0.4000	0.1985	-0.0707	0.8703
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6985	0.3015	0.7535	0.4380	0.6100
soil_pollution			0.2200	0.3120	0.2198	0.0228	0.8419
solar-flare			0.5180	0.1607	0.2655	0.3601	0.2285

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.2794	0.0759	0.1080	0.1711	0.2820
spam-detection			0.9065	0.0935	0.5760	0.0471	0.4088
spambase			0.7435	0.2565	0.7299	0.4595	0.7695
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7143	0.2857	0.5889	0.1463	0.8021
spectrometer			0.2500	0.0556	0.1242	0.1971	0.2789
splice-EI			0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE			0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles			0.7600	0.2400	0.7426	0.4852	0.7487
squash-stored			0.4000	0.4000	0.3030	0.0000	0.5733
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8142	0.1239	0.7999	0.7101	0.3912
steel-b			0.7385	0.2615	0.5281	0.0511	0.8472
steel-d			0.9795	0.0205	0.8028	0.5899	0.3873
steel-k			0.9538	0.0462	0.9277	0.8544	0.2918
steel-o			0.6308	0.3692	0.5825	0.1643	0.9140
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9128	0.0872	0.6908	0.3318	0.5333
stellar			0.9443	0.0371	0.9345	0.8996	0.1558
stock			1.0000	0.0000	1.0000	1.0000	0.0000
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.8280	0.1720	0.8430	0.6392	0.3897
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.6050	0.1580	0.3257	0.3447	0.4352
student-depression			0.7767	0.2233	0.7672	0.5307	0.7042
student-habits			0.4100	0.2360	0.1879	0.0629	0.4624
student-weekend			0.3538	0.2585	0.1150	0.0109	0.4613
student-workday			0.7188	0.1125	0.2655	0.0777	0.2017
studentap			0.5385	0.3077	0.4097	0.2500	0.4742
susy1%			0.6962	0.3038	0.6939	0.3752	0.7995
susy10%			0.7155	0.2845	0.7165	0.4125	0.7529
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.2000	0.5333	0.2041	-0.2000	0.7960
telco-churn			0.7812	0.2188	0.6995	0.3915	0.7464
texture			0.4255	0.1045	0.4280	0.3671	0.4681
theorem			0.7103	0.2897	0.6974	0.3911	0.8083
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.6737	0.3263	0.6434	0.2861	0.8589
tis			0.7996	0.2004	0.7487	0.4938	0.7103
tis10%			0.7910	0.2090	0.7186	0.4371	0.7414
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.3529	0.3235	0.3529	0.1500	0.4642
toxicity			0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f			0.7647	0.2353	0.7310	0.4426	0.7072
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.4634	0.1192	0.1753	0.2382	0.2764
trec12-wc			0.3548	0.1613	0.1492	0.1948	0.3650
trec21-wc			0.7879	0.0848	0.3517	0.4031	0.1727
trec23-wc			0.6667	0.1111	0.2764	0.5100	0.1670

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec31-wc			0.5806	0.1398	0.2591	0.4068	0.2526
trec41-wc			0.4886	0.1023	0.1617	0.3016	0.2373
trec45-wc			0.3913	0.1217	0.1414	0.2502	0.2951
tuandromd			0.9395	0.0605	0.9029	0.8031	0.3463
turkish			0.5000	0.2500	0.5026	0.3333	0.5682
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.7154	0.2846	0.6828	0.3585	0.8074
tvnews10%			0.7433	0.2567	0.7155	0.4260	0.7693
ur3_cobotops_grip			0.9687	0.0313	0.6513	0.1419	0.2681
ur3_cobotops_stop			0.9605	0.0395	0.4899	-0.0051	0.3736
urban			0.5373	0.1028	0.4635	0.4511	0.3847
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.5119	0.2440	0.5131	0.3487	0.6010
vehicleVAN			0.8333	0.1667	0.7711	0.5410	0.6605
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.2323	0.1396	0.2275	0.1556	0.4409
vowelZ			0.8889	0.1111	0.4706	-0.0342	0.6578
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.3077	0.0692	0.0718	0.1653	0.3282
warpar10p			0.2308	0.1538	0.2115	0.1447	0.2441
warppie10p			0.4286	0.1143	0.4068	0.3652	0.2614
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.9221	0.0223	0.9213	0.9088	0.1386
watch-acc10%			0.9350	0.0186	0.9350	0.9240	0.1216
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.9367	0.0181	0.9365	0.9261	0.1145
watch-gyr10%			0.9504	0.0142	0.9500	0.9421	0.0972
water_pollution			0.2367	0.3817	0.2355	-0.0193	0.8700
waveform			0.5280	0.3147	0.5195	0.2925	0.6778
weather-related			0.2596	0.1346	0.1441	0.1323	0.7165
web-phishing			0.8000	0.1333	0.5513	0.6221	0.3391
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.6667	0.3333	0.6250	0.2500	0.8750
wifi-loc			0.7200	0.1400	0.7231	0.6267	0.2753
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5786	0.1405	0.2515	0.3019	0.4062
winequality-white			0.4867	0.1467	0.2034	0.1590	0.4685
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.6158	0.1098	0.3996	0.5087	0.4046
wisc_bc			0.8246	0.1754	0.8221	0.6374	0.6120
yale			0.3125	0.0917	0.2585	0.2667	0.1938
yeast			0.4054	0.1189	0.1666	0.2254	0.3262
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.3473	0.1305	0.2655	0.2599	0.6133

Table 141: Detailed results for OneSlackSSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1373	0.0822	0.1350	0.0762	0.6455
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9817	0.0183	0.9613	0.9213	0.1335
adult		0.8444	0.1556	0.7693	0.5289	0.6239
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.7698	0.2302	0.4702	-0.0542	0.6350
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.8835	0.1165	0.5402	0.0804	0.6801
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.8000	0.2000	0.7619	0.4118	0.3750
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9897	0.0103	0.4974	-0.0020	0.3811
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8639	0.1361	0.8051	0.6026	0.5697
air_pollution		0.2300	0.2200	0.1819	0.0447	0.8826
alcohol		0.7429	0.1029	0.3597	0.3929	0.3075
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8558	0.1442	0.8398	0.6778	0.5580
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9444	0.0278	0.7734	0.8928	0.2349
anuran-genus		0.9624	0.0094	0.9074	0.9381	0.1763
anuran-species		0.9667	0.0067	0.9264	0.9537	0.0857
anxiety		0.1083	0.1981	0.1047	-0.0041	0.7894
apple-quality		0.7275	0.2725	0.7283	0.4550	0.7792
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9938	0.0062	0.7523	0.3978	0.1714
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.6667	0.0513	0.3127	0.4417	0.2343
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.8182	0.0331	0.7575	0.7800	0.0958
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.9857	0.0143	0.9825	0.9645	0.1355
autism-child		0.9310	0.0690	0.9354	0.8626	0.2605
autos		0.8500	0.0500	0.7137	0.7980	0.0929
avila		0.5630	0.0728	0.4118	0.3609	0.3999
babies		0.4758	0.1498	0.2379	0.1923	0.5029
balance		0.8548	0.0968	0.5907	0.7278	0.2511
bank		0.9041	0.0959	0.7162	0.4057	0.5702
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8963	0.1037	0.8868	0.7681	0.4193
basehock		0.9648	0.0352	0.9648	0.9296	0.2045
bio		0.9960	0.0040	0.8733	0.7193	0.1054
bio10%		0.9952	0.0048	0.8502	0.6933	0.3223
biodeg		0.8857	0.1143	0.8788	0.7577	0.4851
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9857	0.0026	0.0903	-0.0001	0.0515
body-perf		0.5642	0.2179	0.5508	0.4189	0.4871
brain-tumor		0.5180	0.4820	0.5181	0.0362	0.9888
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.7738	0.7800	0.0411
bridges		0.8000	0.0571	0.5333	0.7143	0.0578
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4740	0.3507	0.2969	-0.0159	0.6141
car		0.8621	0.0690	0.7123	0.7089	0.3351
car-insurance		0.8370	0.1630	0.8082	0.6160	0.6229
card		0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography		0.8263	0.0347	0.7868	0.7923	0.2246
cardiotocography-nsp		0.8826	0.0782	0.7844	0.6905	0.4126
cardiovascular		0.7219	0.2781	0.7243	0.4438	0.7785
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6039	0.4977	0.5002
cas_N6512_cdk_ECFP2		0.7512	0.2488	0.7490	0.4973	0.7484
cas_N6512_rdkit_ATOMPAIR		0.7354	0.2646	0.7333	0.4663	0.7732
cas_N6512_RDkit_AtomPair_FP		0.7255	0.2745	0.7228	0.4439	0.7842
cas_N6512_rdkit_AVALON		0.7773	0.2227	0.7761	0.5521	0.7066
cas_N6512_RDkit_Avalon_FP		0.7914	0.2086	0.7904	0.5808	0.6814
cas_N6512_rdkit_descriptors		0.7508	0.2492	0.7495	0.4990	0.7498
cas_N6512_rdkit_FEATMORGAN		0.7542	0.2458	0.7525	0.5049	0.7447
cas_N6512_RDkit_Featmorgan_FP		0.7623	0.2377	0.7605	0.5207	0.7314
cas_N6512_RDkit_FP		0.7147	0.2853	0.7121	0.4233	0.8015
cas_N6512_rdkit_LAYERED		0.7508	0.2492	0.7502	0.5000	0.7487
cas_N6512_RDkit_Layered_FP		0.7408	0.2592	0.7386	0.4767	0.7645
cas_N6512_rdkit_MACCS		0.7680	0.2320	0.7663	0.5290	0.7129
cas_N6512_RDkit_MACCS_FP		0.7715	0.2285	0.7706	0.5410	0.7160
cas_N6512_rdkit_MORGAN		0.7462	0.2538	0.7440	0.4875	0.7563
cas_N6512_RDkit_morgan_FP		0.7669	0.2331	0.7651	0.5301	0.7239
cas_N6512_rdkit_PATTERN		0.7892	0.2108	0.7878	0.5756	0.6855
cas_N6512_RDkit_pattern_FP		0.7699	0.2301	0.7696	0.5387	0.7173
cas_N6512_rdkit_RDKITFP		0.7250	0.2750	0.7240	0.4478	0.7876
cas_N6512_rdkit_TORSION		0.7246	0.2754	0.7233	0.4466	0.7885
ccds1%		0.9615	0.0385	0.6177	0.1165	0.3554
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7876	0.2124	0.7681	0.5361	0.7070

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8209	0.6148	0.3141
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.4871	-0.0029	0.2827
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7962	0.5764	0.5664
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9033	0.0483	0.8531	0.8554	0.2090
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7684	0.2316	0.7540	0.5080	0.7332
circles		0.8330	0.0033	0.8517	0.8313	0.0464
cirrhosis		0.8333	0.1111	0.5686	0.6704	0.3026
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7667	0.1167	0.5952	0.6180	0.3091
climate		0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.5060	0.1430	0.5700
cnae-9		0.9630	0.0082	0.9640	0.9583	0.0416
codon_usage		0.8795	0.0219	0.7189	0.8538	0.2577
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		0.6200	0.0507	0.6837	0.5817	0.1623
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2		0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3		0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
comedy_comparisons1%		0.5224	0.4776	0.5202	0.0401	0.9859
connect-4		0.9996	0.0003	0.9937	0.9898	0.0014
cottonmeloidogyne		0.7861	0.2139	0.7861	0.5721	0.6899
coupon		0.6916	0.3084	0.6826	0.3637	0.8342
covtypeCD		0.9433	0.0567	0.8738	0.7443	0.3954
covtypeT		0.9460	0.0540	0.7520	0.4717	0.4592
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9979	0.0021	0.4995	-0.0006	0.4397
crowdsourced		0.8949	0.0350	0.7817	0.7801	0.3021
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.4062	0.0297	0.2799	0.3883	0.1011
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1800	0.2733	0.1809	0.0170	0.8665
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.7407	0.2593	0.7349	0.4698	0.7686
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8083	0.1917	0.6721	0.2457	0.5633
defect		0.8735	0.1265	0.7288	0.3260	0.3579
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8932	0.1068	0.6737	0.2856	0.5485
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9409	0.9326	0.0579
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.6333	0.3667	0.6361	0.2667	0.8827
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7000	0.3000	0.6000	0.2000	0.8533
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetic1%		0.6078	0.2614	0.5450	0.3068	0.6301
diabetic10%		0.5305	0.3130	0.3831	0.0958	0.6666
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all		0.6355	0.1458	0.5415	0.4609	0.4293
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9304	0.0696	0.7608	0.4682	0.4114
dota210%		0.5689	0.4311	0.5647	0.1277	0.9512
drebin		0.9767	0.0233	0.9750	0.9500	0.1547
dropout		0.7652	0.1565	0.6606	0.5899	0.3638
drug-01		0.2660	0.2097	0.1386	0.0380	0.8793
drug-02		0.5213	0.1368	0.2788	0.1452	0.5941
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5106	0.1398	0.1918	0.1151	0.5549
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3777	0.1778	0.1937	0.2122	0.5692
drug-07		0.3404	0.1885	0.1342	0.0215	0.7448
drug-08		0.5372	0.1322	0.1259	0.0636	0.4583
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1749	0.1349	0.4569
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5745	0.1216	0.1603	0.1364	0.5154
drug-14		0.5745	0.1216	0.2217	0.1780	0.5962
drug-15		0.7553	0.0699	0.1229	-0.0057	0.2964
drug-16		0.5745	0.1216	0.2078	0.2450	0.4666
drug-17		0.3457	0.1869	0.1879	0.1328	0.7431
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9265	0.0210	0.9390	0.9112	0.1233
ecoli		0.8529	0.0368	0.5432	0.7974	0.1292
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2800	0.3600	0.2855	0.0404	0.8193
eeg-eye		0.6015	0.3985	0.5962	0.1422	0.7983
eeg10%		0.3232	0.0846	0.3415	0.2603	0.6973
eucalyptus		0.6164	0.1534	0.5858	0.5075	0.4330
euthyroid		0.9589	0.0411	0.8767	0.7495	0.3628
fakenews		0.5425	0.4575	0.5423	0.0846	0.9735

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
farm-ads		0.9034	0.0966	0.9031	0.8052	0.4164
fbis-wc		0.8537	0.0172	0.8345	0.8336	0.1176
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8824	0.1176	0.8815	0.7606	0.4688
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.5000	0.1429	0.4423	0.3651	0.3566
forest		0.9231	0.0385	0.9006	0.8941	0.1186
gas		0.9907	0.0031	0.9910	0.9887	0.0240
gastrointestinal		0.6250	0.2500	0.6534	0.3885	0.4805
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.9148	0.0568	0.9054	0.8644	0.2469
german		0.7400	0.2600	0.6980	0.3612	0.7202
gestures		0.3356	0.3322	0.3303	0.1142	0.8012
gina		0.8040	0.1960	0.8039	0.6078	0.6567
gisette		0.9700	0.0300	0.9700	0.9400	0.1817
glass		0.6667	0.1111	0.6697	0.5227	0.2557
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.5333	0.2333	0.6122	0.3787	0.3852
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9671	0.0055	0.8657	0.9611	0.0455
har		0.7431	0.1028	0.7335	0.6736	0.3972
har701%		0.7721	0.0651	0.3959	0.6291	0.1363
har7010%		0.7735	0.0647	0.3980	0.6311	0.1316
hayes-roth		0.3750	0.4167	0.3972	0.0303	0.7342
hcc-survival		0.5882	0.4118	0.5502	0.0916	0.9258
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8300	0.1700	0.8017	0.6033	0.6388
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.9333	0.0667	0.9148	0.8148	0.4011
hepmass1%		0.8361	0.1639	0.8363	0.6722	0.5906
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6491	0.3509	0.6470	0.2848	0.8624
higgs1%		0.6377	0.3623	0.6402	0.2534	0.8299
higher		0.2143	0.1964	0.1902	0.0888	0.3576
hinselmann		0.5000	0.5000	0.3333	-0.3158	0.8298
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9275	0.0725	0.8702	0.7404	0.4595
hiva		0.9433	0.0567	0.5247	0.0484	0.6305
horse		0.6667	0.2222	0.6500	0.4316	0.5669
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.5935	0.2710	0.5984	0.3931	0.6324

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
htru2		0.9799	0.0201	0.9372	0.8722	0.1956
hypothyroid		0.9735	0.0133	0.6729	0.8354	0.1893
hypothyroidT		0.9814	0.0186	0.9314	0.8530	0.0662
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9493	0.0253	0.9503	0.9324	0.0969
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9243	0.0058	0.9259	0.9212	0.0675
jm1		0.8090	0.1910	0.6234	0.0283	0.3782
jvowels		0.9468	0.0118	0.9429	0.9397	0.0843
kc1		0.8626	0.1374	0.6840	0.2188	0.4114
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.4615	0.2154	0.1500	0.0900	0.5370
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.8653	0.0385	0.8667	0.8428	0.2211
kddcup981%		0.8947	0.1053	0.4722	-0.0556	0.6436
kddcup991%		0.9976	0.0004	0.8183	0.9959	0.0224
kepler		0.8734	0.0844	0.8292	0.7915	0.2240
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.1611	0.0932	0.1563	0.0586	0.7632
krvskp		0.9561	0.0439	0.9564	0.9122	0.2373
la1s-wc		0.8889	0.0370	0.8688	0.8603	0.2042
la2s-wc		0.8808	0.0397	0.8656	0.8497	0.2141
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.8529	0.0128	0.8623	0.8453	0.0420
led24		0.7000	0.0600	0.6650	0.6610	0.1243
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7830	0.0167	0.7804	0.7742	0.2224
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8889	0.0148	0.9106	0.8806	0.0504
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.9998	0.0002	0.9867	0.9734	0.0524
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9227	0.0773	0.9173	0.8341	0.3661
lrs		0.8868	0.0226	0.5704	0.8427	0.0498
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8904	0.7809	0.4568
madelon		0.5346	0.4654	0.5349	0.0692	0.9755
magic04		0.7812	0.2188	0.7516	0.4954	0.7034
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.9018	0.0982	0.7785	0.4783	0.3425
maternal		0.6535	0.2310	0.6645	0.4639	0.5126
math		0.6750	0.1625	0.5736	0.4995	0.4506

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.1800	0.3280	0.1825	-0.0220	0.8664
messidor		0.7217	0.2783	0.7242	0.4441	0.7796
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.9167	0.8475	0.1419
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.9750	0.0050	0.9755	0.9722	0.0293
mfeat-fou		0.8050	0.0390	0.8061	0.7833	0.1911
mfeat-kar		0.9600	0.0080	0.9603	0.9556	0.0504
mfeat-mor		0.7350	0.0530	0.7412	0.7056	0.1807
mfeat-pix		0.9650	0.0070	0.9661	0.9611	0.0393
mfeat-zer		0.8200	0.0360	0.8167	0.8000	0.1066
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8774	0.0818	0.8811	0.8152	0.2779
mines		0.6176	0.1529	0.6262	0.5169	0.3187
mobile		0.7552	0.0087	0.7700	0.7508	0.1138
monks-1		0.6364	0.3636	0.6406	0.2686	0.8629
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0115
music		0.4256	0.1044	0.4591	0.3297	0.5938
musk		0.9409	0.0591	0.8795	0.7442	0.2972
MUT_ci300400a_cdk_ECFP2		0.8189	0.1811	0.8124	0.6220	0.6244
MUT_ci300400a_cdk_ECFP4		0.7844	0.2156	0.7776	0.5551	0.6990
MUT_ci300400a_cdk_ECFP6		0.7533	0.2467	0.7435	0.4846	0.7463
MUT_ci300400a_cdk_ESTATE		0.6906	0.3094	0.6879	0.3741	0.8286
MUT_ci300400a_cdk_EXTENDED		0.7962	0.2038	0.7899	0.5798	0.6778
MUT_ci300400a_cdk_FCFP2		0.7725	0.2275	0.7654	0.5308	0.7198
MUT_ci300400a_cdk_FCFP4		0.7842	0.2158	0.7767	0.5529	0.6984
MUT_ci300400a_cdk_FCFP6		0.7890	0.2110	0.7842	0.5682	0.6899
MUT_ci300400a_cdk_MACCS		0.7578	0.2422	0.7476	0.4890	0.7301
MUT_ci300400a_cdk_PUBCHEM		0.8335	0.1665	0.8276	0.6526	0.5934
MUT_ci300400a_cdk_STANDARD		0.7808	0.2192	0.7757	0.5512	0.7044
MUT_ci300400a_rdkit_descriptors		0.7769	0.2231	0.7708	0.5411	0.7100
myocardial		0.8706	0.0324	0.3471	0.4386	0.4335
naticusdroid		0.9594	0.0406	0.9595	0.9188	0.2264
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA1%		0.8773	0.0129	0.2595	0.6233	0.3082
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.4861	0.3426	0.2694	-0.0517	0.5491
nursery		0.9306	0.0347	0.8932	0.8980	0.1425
obesity		0.8578	0.0406	0.8538	0.8340	0.1712
obs		0.8056	0.0972	0.8432	0.7021	0.2442
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9911	0.0044	0.9694	0.9728	0.0185
oh0-wc		0.8416	0.0317	0.8328	0.8173	0.1368
oh10-wc		0.7143	0.0571	0.7238	0.6747	0.2720
oh15-wc		0.6848	0.0630	0.6476	0.6432	0.3150
oh5-wc		0.8132	0.0374	0.8174	0.7887	0.1774
ohscal-wc		0.7016	0.0597	0.6828	0.6659	0.3828
olive		0.9298	0.0156	0.9064	0.9124	0.0439

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
optdigits		0.9537	0.0093	0.9549	0.9486	0.0675
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7629	0.2371	0.7422	0.4832	0.7452
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8333	0.1667	0.8325	0.6643	0.5954
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9671	0.0132	0.7999	0.8060	0.1316
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.7773	0.2227	0.7712	0.5392	0.7068
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8984	0.1016	0.8715	0.7414	0.4678
particle10%		0.8754	0.1246	0.8417	0.6813	0.5348
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.4691	0.5309	0.4589	-0.0821	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7763	0.2237	0.7178	0.4333	0.7479
pediatric-leukemia		0.8235	0.0504	0.7564	0.7839	0.1614
pendigits		0.9536	0.0093	0.9536	0.9484	0.0728
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.8076	0.1924	0.7920	0.5823	0.6597
pet-adoption		0.9000	0.1000	0.8881	0.7570	0.3198
phishing		0.9714	0.0286	0.9700	0.9397	0.1676
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.6631	0.0963	0.6155	0.6046	0.2960
phone-gyr0.1%		0.6870	0.0894	0.6483	0.6318	0.2776
phoneme		0.7796	0.2204	0.7250	0.4498	0.7456
pima		0.6974	0.3026	0.6735	0.3063	0.7532
pirvision		0.9895	0.0070	0.9806	0.9670	0.0729
placement		0.7850	0.2150	0.7797	0.5594	0.6974
plant-growth		0.7895	0.2105	0.8224	0.5870	0.4472
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4361	0.1611	0.1351	-0.0076	0.6812
polish-1st		0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd		0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd		0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th		0.9439	0.0561	0.5386	0.0260	0.4089
polish-5th		0.9306	0.0694	0.6045	0.0775	0.3665
polya		0.7849	0.2151	0.7605	0.5180	0.7055
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc		0.6176	0.3824	0.6211	0.2353	0.8938
prestige		1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor		0.4242	0.0886	0.4242	0.3589	0.2995
profb		0.7761	0.2239	0.7384	0.4741	0.7318
promoters		0.9000	0.1000	0.9010	0.7826	0.2846
prostate		0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE		1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%		0.8413	0.0635	0.7848	0.7866	0.2605
pulsar		0.9792	0.0208	0.9356	0.8672	0.1717
raisin		0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%		0.8037	0.0096	0.5007	0.7815	0.1818
re0-wc		0.8467	0.0236	0.8730	0.8035	0.2132

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
re1-wc			0.7651	0.0188	0.5938	0.7328	0.1870
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6284	0.3716	0.6001	0.1923	0.8986
satimage			0.8414	0.0529	0.8029	0.8022	0.1871
satimageF			0.9829	0.0171	0.9552	0.9101	0.1937
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8526	0.1474	0.6353	0.2346	0.5810
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9394	0.0173	0.9441	0.9292	0.0817
segmentation			0.8267	0.1733	0.8079	0.6140	0.6248
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.5832	0.0279	0.3779
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.7579	0.2421	0.5554	0.1073	0.7427
sens-4-gram			0.8105	0.1895	0.6124	0.2236	0.7442
sens-5-gram			0.8368	0.1632	0.5823	0.1574	0.7501
sens-6-gram			0.8658	0.1342	0.5895	0.0994	0.5596
sens-7-gram			0.8632	0.1368	0.5547	0.0445	0.5361
sens-8-gram			0.8605	0.1395	0.5591	0.0641	0.5968
sens-9-gram			0.8737	0.1263	0.6404	0.0934	0.3668
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8832	0.1168	0.7383	0.4292	0.5207
shuttle			0.9798	0.0058	0.6100	0.9440	0.2250
sick			0.9655	0.0345	0.8459	0.6799	0.3545
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9343	0.0657	0.9102	0.8144	0.4171
skin10%			0.9220	0.0780	0.8934	0.7805	0.4582
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.1600	0.4200	0.1597	-0.1206	0.8651
smk_can_187			0.8421	0.1579	0.8427	0.6816	0.5635
smoking			0.7418	0.2582	0.7312	0.4598	0.7649
soil_pollution			0.2000	0.3200	0.2003	0.0002	0.8740
solar-flare			0.7626	0.0791	0.7120	0.6944	0.1848
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9480	0.0520	0.8345	0.6659	0.4578
spambase			0.9174	0.0826	0.9133	0.8249	0.3700
spect			0.7407	0.2593	0.6469	0.2921	0.7993
spectf			0.8286	0.1714	0.7799	0.5532	0.6369
spectrometer			0.4423	0.0413	0.3024	0.4091	0.1780
splice-EI			0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE			0.9085	0.0915	0.8740	0.7479	0.4790
sport-articles			0.8300	0.1700	0.8142	0.6205	0.5925
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7520	0.1653	0.6984	0.5966	0.4733
steel-b			0.8359	0.1641	0.7257	0.4351	0.6581

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.7436	0.2564	0.7038	0.3564	0.6769
steel-p			0.9077	0.0923	0.6141	0.2066	0.6425
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stock			0.9097	0.0903	0.8413	0.6805	0.5000
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.8040	0.1960	0.8020	0.6040	0.6593
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6350	0.1460	0.2811	0.3760	0.3213
student-habits			0.3000	0.2800	0.2057	0.0137	0.7795
student-weekend			0.3692	0.2523	0.2855	0.1395	0.7010
student-workday			0.6719	0.1313	0.1686	0.1135	0.5074
studentap			0.5385	0.3077	0.5193	0.2909	0.6677
susy1%			0.7874	0.2126	0.7881	0.5646	0.6539
susy10%			0.7904	0.2096	0.7897	0.5722	0.6621
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8991	0.1009	0.8683	0.7356	0.4784
texture			0.9945	0.0010	0.9947	0.9940	0.0084
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis10%			0.7239	0.2761	0.6319	0.2637	0.8273
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.1000	0.5208	0.6098	0.1174
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.9268	0.0163	0.8372	0.9092	0.0501
trec12-wc			0.9032	0.0242	0.9110	0.8832	0.0704
trec21-wc			0.9697	0.0121	0.7958	0.9345	0.0286
trec23-wc			0.7619	0.0794	0.7513	0.6769	0.2008
trec31-wc			0.9677	0.0108	0.9616	0.9571	0.0526
trec41-wc			0.8750	0.0250	0.7605	0.8451	0.1238
trec45-wc			0.7971	0.0406	0.7133	0.7635	0.1938
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.7750	0.1125	0.7908	0.7000	0.2606
tvnews1%			0.9231	0.0769	0.9184	0.8363	0.3786
tvnews10%			0.8967	0.1033	0.8879	0.7743	0.4438
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7761	0.0498	0.8025	0.7390	0.1836
urinalysis			0.9650	0.0350	0.8088	0.5311	0.1051
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.7001	0.3866	0.4903
vehicle			0.7500	0.1250	0.7240	0.6655	0.1954
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.6263	0.0680	0.6359	0.5889	0.1825

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vowelZ			0.9091	0.0909	0.7649	0.5217	0.6161
wap-wc			0.8333	0.0167	0.6234	0.8138	0.1012
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
water_pollution			0.2467	0.3767	0.2472	-0.0043	0.8586
waveform			0.8380	0.1080	0.8387	0.7570	0.3702
weather-related			0.9673	0.0059	0.9683	0.9630	0.0509
web-phishing			0.8000	0.1333	0.5535	0.6262	0.4145
Weekly			0.9722	0.0278	0.9725	0.9434	0.1307
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9689	0.0311	0.8109	0.6001	0.3658
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5786	0.1405	0.2117	0.2840	0.3223
winequality-white			0.5194	0.1373	0.3083	0.2096	0.3559
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.5270	0.0946	0.3434	0.3944	0.3771
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9323	0.0135	0.9281	0.9241	0.1048

Table 142: Detailed results for OSRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1703	0.0572	0.0964	0.0958	0.5642
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9834	0.0166	0.6803	0.1559	0.1518
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7810	0.2190	0.5274	0.0458	0.8007
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8182	0.1212	0.3017	-0.0277	0.4134
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9941	0.0059	0.6782	0.0537	0.0247
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9513	0.0243	0.9030	0.9094	0.1588
anuran-genus		0.9026	0.0243	0.7451	0.8438	0.2407
anuran-species		0.9028	0.0194	0.8132	0.8640	0.1576
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.9755	0.0245	0.9433	0.8799	0.0855
audiology		0.2609	0.0616	0.0802	0.1971	0.1835
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.6000	0.1333	0.5369	0.5046	0.1783
avila		0.4710	0.0882	0.3354	0.3648	0.4196
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8226	0.1183	0.8097	0.7177	0.2886
bank		0.9070	0.0930	0.7334	0.4506	0.5767
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8825	0.1175	0.8718	0.7349	0.4464
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.9238	0.0762	0.9203	0.8400	0.3730
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.8134	0.0129	0.0311	0.0279	0.1141
bitcoin10%		0.8256	0.0120	0.0314	0.0519	0.5452
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7739	0.5455	0.6636
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8748	0.7822	0.1078
bridges		0.7000	0.0857	0.3750	0.5714	0.0976
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9080	0.0460	0.7650	0.8077	0.1743
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.3709	0.1258	0.2830	0.2679	0.4349
cardiotocography-nsp		0.8639	0.0908	0.7470	0.5205	0.2366
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.6025	0.4572	0.3883
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.7062	0.2938	0.7038	0.4075	0.8142
cas_N6512_RDkit_AtomPair_FP		0.7147	0.2853	0.7122	0.4239	0.8021
cas_N6512_rdkit_AVALON		0.7757	0.2243	0.7740	0.5478	0.7090
cas_N6512_RDkit_Avalon_FP		0.7945	0.2055	0.7933	0.5865	0.6760
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.7423	0.2577	0.7400	0.4787	0.7603
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.7431	0.2569	0.7411	0.4777	0.7515
cas_N6512_RDkit_morgan_FP		0.7515	0.2485	0.7494	0.4982	0.7477
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.7435	0.2565	0.7416	0.4832	0.7612
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8291	0.1139	0.4256	0.2681	0.3882
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7536	0.4997	0.7017
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9997	0.0003	0.9170	0.8326	0.2335
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9994	0.0006	0.8513	0.7024	0.4275
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.9640	0.0007	0.9657	0.9636	0.0171
cirrhosis		0.7381	0.1746	0.5010	0.4526	0.3795
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7028	0.1486	0.4862	0.5078	0.3181
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.3333	0.4444	0.2353	-0.1429	0.5841
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4354	0.3764	0.5458	0.2200	0.5590
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.5741	0.0774	0.4824	0.5098	0.3397
coil20		0.5417	0.0458	0.5276	0.5175	0.2453
college		0.7273	0.2727	0.4211	0.0000	0.4205
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2		0.5172	0.4828	0.4451	-0.1033	0.9975
colposcopies-3		0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.6129	0.2581	0.4479	0.3047	0.4375

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.9825	0.0116	0.7094	0.6198	0.2331
cottonmeloidogyne		0.7308	0.2692	0.7307	0.4615	0.7789
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.7843	0.0719	0.5584	0.5965	0.2664
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.0312	0.0484	0.0071	0.0070	0.1843
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.6998	0.3793	0.7738
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8180	0.1820	0.7077	0.4016	0.6957
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.9009	0.0991	0.7260	0.4374	0.5947
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.7297	0.0901	0.7604	0.6636	0.1897
desharnais		0.5000	0.3333	0.4553	0.2381	0.3542
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9423	0.0577	0.9400	0.8793	0.3074
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.2667	0.3667	0.1053	0.0000	0.3871
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5000	0.5000	0.4701	-0.0588	1.0000
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.6524	0.2318	0.5679	0.3531	0.4077
drug-01		0.1915	0.2310	0.0822	-0.0052	0.6236
drug-02		0.4255	0.1641	0.2284	0.1935	0.4682
drug-03		0.4574	0.1550	0.1840	0.1551	0.3687
drug-04		0.3191	0.1945	0.1500	0.0860	0.5833

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.3564	0.1839	0.1364	0.0043	0.3106
drug-06		0.1596	0.2401	0.1818	0.0328	0.6059
drug-07		0.3936	0.1733	0.1522	-0.0140	0.3748
drug-08		0.2340	0.2188	0.1447	0.0356	0.5345
drug-09		0.6436	0.1018	0.1456	0.1259	0.2975
drug-10		0.2234	0.2219	0.1724	0.0810	0.5358
drug-11		0.5904	0.1170	0.1578	0.0826	0.3286
drug-12		0.5160	0.1383	0.1681	0.1222	0.3527
drug-13		0.3777	0.1778	0.1844	0.1835	0.5051
drug-14		0.3351	0.1900	0.2478	0.1398	0.5369
drug-15		0.3936	0.1733	0.1403	0.0621	0.4910
drug-16		0.4202	0.1657	0.2380	0.2286	0.4511
drug-17		0.3138	0.1960	0.1375	0.0702	0.5352
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.4309	0.1626	0.1453	0.0422	0.3725
drybean		0.8744	0.0359	0.8704	0.8489	0.2087
ecoli		0.6471	0.0882	0.3531	0.5172	0.2687
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.1918	0.1010	0.1883	0.1224	0.6490
eeg-eye		0.9179	0.0821	0.9170	0.8338	0.3783
eeg10%		0.1574	0.1053	0.1166	0.0842	0.6260
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2329	0.3068	0.3153	0.0905	0.4554
euthyroid		0.9557	0.0443	0.8627	0.7076	0.2965
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9532	0.0468	0.9531	0.9060	0.2509
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.1463	0.1004	0.1090	0.0743	0.4914
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.7500	0.0833	0.7856	0.6923	0.1457
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8077	0.0962	0.8171	0.7314	0.2412
gas		0.9533	0.0156	0.9505	0.9433	0.0772
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5095	0.3270	0.3555	0.0931	0.5636
gene		0.6782	0.2145	0.7273	0.5108	0.3868
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9020	0.0980	0.9023	0.8038	0.4213
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6190	0.1270	0.4578	0.4909	0.2169
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.6000	0.2000	0.5556	0.4737	0.1226
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.5333	0.2333	0.4937	0.3598	0.3757
gsalc		0.8889	0.0370	0.8046	0.8615	0.0466
haberman		0.7333	0.2667	0.6591	0.3182	0.8145
hapt		0.8847	0.0192	0.5361	0.8635	0.1363
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.6841	0.0903	0.5168	0.5823	0.3544
har7010%		0.7649	0.0672	0.5308	0.6785	0.3560
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6765	0.0539	0.3706	0.5747	0.2845
harth10%		0.7243	0.0460	0.4297	0.6348	0.2713
hayes-roth		0.5625	0.2917	0.4816	0.2866	0.3590
hcc-survival		0.5294	0.4706	0.4923	-0.0149	0.9858
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7487	0.4850	0.7305
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8433	0.1567	0.8443	0.6868	0.5690
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6500	0.3500	0.6472	0.2895	0.8714
higgs1%		0.6664	0.3336	0.6639	0.3230	0.8534
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0000	0.2500	0.0000	-0.1011	0.4508
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8786	0.1214	0.7537	0.4434	0.4618
hiva		0.9622	0.0378	0.4904	-0.0045	0.3546
horse		0.6111	0.2593	0.4306	0.3115	0.5040
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.9999	0.0000	0.9999	0.9999	0.0003
ht-sensor10%		0.9988	0.0008	0.9989	0.9982	0.0057
htru2		0.9777	0.0223	0.9307	0.8604	0.2474
hypothyroid		0.9469	0.0265	0.5762	0.6503	0.1704
hypothyroidT		0.9867	0.0133	0.9517	0.8986	0.0509
ilpd		0.7288	0.2712	0.6369	0.2613	0.8145
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.1386	0.0663	0.1709	0.1041	0.5702
jm1		0.8163	0.1837	0.6460	0.2536	0.6918
jvowels		0.5803	0.0933	0.6015	0.5238	0.3352
kc1		0.8626	0.1374	0.6890	0.3408	0.6188
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.2857	0.0595	0.0238	0.0541	0.1667
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8269	0.1731	0.7165	0.4236	0.6904
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.4118	0.0654	0.3524	0.3510	0.4848
krvskp		0.9812	0.0188	0.9812	0.9623	0.1262
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.0882	0.0456	0.0395	0.0673	0.1384
led24		0.1500	0.1700	0.0712	0.0313	0.3604
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.3095	0.0531	0.3394	0.2816	0.4994
leukemia		0.7143	0.1905	0.7738	0.5758	0.3077
leukemia2		0.7143	0.2857	0.7083	0.4167	0.8058
libra		0.1944	0.1074	0.1333	0.1350	0.3109
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0001
liver		0.7647	0.2353	0.7202	0.4357	0.7504
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.7736	0.0453	0.3995	0.6991	0.1456
lung		0.8095	0.0762	0.4847	0.6543	0.1672
lung_discrete		0.1250	0.2500	0.0714	-0.0182	0.2428
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.6870	0.5257	0.1680
lung-cancer-harvard2		0.8889	0.1111	0.7805	0.4545	0.2500
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.3333	0.1481	0.1667	0.1818	0.2103
machine-failure		0.4149	0.5851	0.2932	0.0000	0.5268
madelon		0.5115	0.4885	0.5116	0.0231	0.9929
magic04		0.8727	0.1273	0.8585	0.7155	0.5166
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8021	0.1979	0.8016	0.6031	0.6609
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.7228	0.1848	0.7544	0.5662	0.3782
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.7565	0.2435	0.7503	0.4977	0.7372
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		0.8889	0.0741	0.8730	0.8235	0.1114
meter-C		0.7222	0.1389	0.7148	0.6234	0.2340

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-D		0.7222	0.1389	0.7975	0.6429	0.1903
mfeat-fac		0.5850	0.0830	0.6106	0.5389	0.2970
mfeat-fou		0.2850	0.1430	0.2869	0.2056	0.4786
mfeat-kar		0.2500	0.1500	0.3062	0.1667	0.4754
mfeat-mor		0.4650	0.1070	0.4465	0.4056	0.3287
mfeat-pix		0.4150	0.1170	0.4568	0.3500	0.4299
mfeat-zer		0.3050	0.1390	0.3304	0.2278	0.4462
mice-prot		0.6667	0.0833	0.6897	0.6191	0.2512
milk		0.2358	0.5094	0.1272	0.0000	0.4229
mines		0.4118	0.2353	0.3567	0.2601	0.3691
mobile		0.0175	0.0351	0.0202	-0.0002	0.4482
monks-1		0.8727	0.1273	0.8786	0.7445	0.4437
monks-2		0.8033	0.1967	0.7821	0.5643	0.6813
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9455	0.0545	0.8898	0.7606	0.2251
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.7892	0.2108	0.7810	0.5588	0.6823
MUT_ci300400a_cdk_ECFP6		0.7509	0.2491	0.7405	0.4762	0.7447
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.7806	0.2194	0.7719	0.5388	0.6933
MUT_ci300400a_cdk_FCFP6		0.7806	0.2194	0.7726	0.5441	0.7035
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.8012	0.1988	0.7938	0.5860	0.6638
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.4294	0.1426	0.1946	0.1032	0.3126
naticusdroid		0.9693	0.0307	0.9693	0.9386	0.1846
NCI60		0.5000	0.1667	0.4000	0.4000	0.1569
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7098	0.0306	0.2183	0.4290	0.7127
ncRNA10%		0.7803	0.0231	0.3621	0.5393	0.6804
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6312	0.3688	0.6275	0.2516	0.8943
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9530	0.0470	0.9419	0.8836	0.2746
NPHA-doctor-visits		0.5000	0.3333	0.3046	-0.0165	0.5418
nursery		0.9815	0.0074	0.7692	0.9728	0.0308
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.8889	0.0556	0.8828	0.8415	0.1724
occupancy		0.9927	0.0073	0.9899	0.9796	0.0907
Occupancy_Estimation		0.9901	0.0049	0.9702	0.9701	0.0627
oh0-wc		0.2178	0.1564	0.1400	0.0960	0.4491
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.7368	0.0585	0.6421	0.6637	0.1988
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9133	0.0867	0.6479	0.2374	0.5480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.1250	0.0437	0.0852	0.1026	0.1708
orlraws10P		0.1000	0.1800	0.0500	0.0000	0.2736
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9605	0.0395	0.5970	0.1516	0.5272
ozone8hr		0.9170	0.0830	0.6285	0.2363	0.6272
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9232	0.0307	0.5921	0.6382	0.3944
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.9255	0.0745	0.9069	0.8136	0.3888
particle10%		0.9115	0.0885	0.8902	0.7804	0.4420
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac		0.5515	0.4485	0.5153	0.0288	0.9650
pcos		0.8000	0.2000	0.4444	0.0000	0.3522
pd		0.8816	0.1184	0.8343	0.6400	0.4189
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.7698	0.0460	0.7783	0.7439	0.2097
period		0.7778	0.2222	0.7500	0.5000	0.7296
period-10f		0.4444	0.5556	0.4208	-0.1538	0.9711
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9551	0.0449	0.9528	0.9056	0.2507
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%		0.5704	0.1227	0.5632	0.4968	0.2953
phone-acc1%		0.6992	0.0859	0.6985	0.6473	0.2126
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.5973	0.1151	0.5828	0.5276	0.3096
phone-gyr1%		0.7378	0.0749	0.7328	0.6924	0.2107
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.9074	0.0926	0.8870	0.7738	0.4580
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.6974	0.3026	0.6827	0.2883	0.6670
pirvision		0.8165	0.1224	0.2997	0.0000	0.2067
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.5263	0.4737	0.3448	0.0000	0.5239
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4615	0.1077	0.1373	0.0312	0.2691
poker10%		0.4964	0.1007	0.1211	0.0982	0.3070
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9459	0.0541	0.5857	0.0614	0.3615
polish-5th		0.9442	0.0558	0.7371	0.4332	0.4586
polya		0.7665	0.2335	0.7362	0.4609	0.7199
popularity		0.6525	0.2317	0.3972	0.1448	0.4483

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.8017	0.0793	0.8170	0.7520	0.2312
pred-tox_mutagen_ref-desc			0.6471	0.3529	0.6494	0.2941	0.8709
prestige			0.3333	0.4444	0.1667	0.0000	0.4024
primary-tumor			0.0000	0.0909	0.0000	-0.0332	0.3226
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6866	0.3134	0.6177	0.2265	0.8575
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.7143	0.2857	0.7292	0.4400	0.7482
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.9629	0.0148	0.9398	0.9503	0.0866
puc-rio10%			0.9149	0.0340	0.8672	0.8857	0.1479
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4957	0.5043	0.4956	-0.0087	1.0000
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4867	0.5133	0.4866	-0.0266	1.0000
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9000	0.1000	0.9001	0.8000	0.4311
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.0800	0.1415	0.0409	-0.0031	0.4342
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6343	0.3657	0.6144	0.2274	0.9024
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.7512	0.0829	0.7111	0.6964	0.3093
satimageF			0.9876	0.0124	0.9679	0.9359	0.1750
satimageT			0.9222	0.0778	0.7461	0.3636	0.2655
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6176	0.3824	0.6397	0.2353	0.7947
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.9995	0.0005	0.9995	0.9990	0.0049
seeds			0.3333	0.4444	0.1667	0.0000	0.4167
segment			0.8528	0.0421	0.8617	0.8279	0.1655
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.5578	0.0804	0.5824	0.5135	0.2990
sepsis			0.9095	0.0905	0.6570	0.0031	0.2085
shoppers			0.9043	0.0957	0.8030	0.6002	0.5372

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
shuttle			0.9972	0.0008	0.5883	0.9923	0.1510
sick			0.9629	0.0371	0.8294	0.6317	0.3152
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9996	0.0004	0.9994	0.9989	0.0090
skin10%			0.9996	0.0004	0.9994	0.9988	0.0098
smarket			0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.6691	0.1103	0.5140	0.5781	0.2035
sonar			0.5000	0.5000	0.5000	0.0000	1.0000
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9283	0.0717	0.9247	0.8487	0.3417
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.0755	0.0385	0.0333	0.0410	0.2680
splice-EI			0.9117	0.0883	0.8794	0.7425	0.3373
splice-IE			0.8707	0.1293	0.8085	0.5824	0.4605
sport-articles			0.8000	0.2000	0.7834	0.5662	0.6793
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.2667	0.2500	0.0000	0.2500
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.8844	0.0771	0.8577	0.8134	0.2558
steel-b			0.8564	0.1436	0.7698	0.5343	0.6257
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9744	0.0256	0.9601	0.9191	0.1618
steel-o			0.7949	0.2051	0.7727	0.5453	0.6955
steel-p			0.9231	0.0769	0.6783	0.3135	0.5446
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.3348	0.4435	0.1672	0.0000	0.4165
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.2462	0.3015	0.2608	0.0504	0.5250
student-workday			0.5781	0.1688	0.2532	0.2467	0.4670
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7858	0.2142	0.7837	0.5666	0.6898
susy10%			0.7863	0.2137	0.7842	0.5673	0.6877
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5009	0.3000	0.3417
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.8036	0.0357	0.8167	0.7835	0.1581
theorem			0.9836	0.0164	0.9832	0.9662	0.1039
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9684	0.0316	0.9645	0.9288	0.1892
tis			0.2476	0.7524	0.1984	0.0000	0.4400

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.4706	0.2647	0.4839	0.3077	0.2801
toxicity			0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f			0.7647	0.2353	0.7536	0.3929	0.4155
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.5547	0.1085	0.8742
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.1613	0.2396	0.0471	0.0237	0.3616
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.5500	0.2250	0.6270	0.4000	0.3561
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9714	0.0286	0.7031	0.2676	0.2532
ur3_cobotops_stop			0.9646	0.0354	0.6746	0.3009	0.4743
urban			0.5075	0.1095	0.4630	0.4345	0.3523
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.6905	0.1548	0.6687	0.5761	0.3273
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.3232	0.1230	0.2990	0.2556	0.3817
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.1500	0.0654	0.3244
warppie10p			0.5238	0.0952	0.4977	0.4670	0.1831
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.7399	0.0743	0.7528	0.6967	0.2280
watch-acc10%			0.8595	0.0401	0.8647	0.8360	0.1475
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.6906	0.0884	0.6985	0.6394	0.2384
watch-gyr10%			0.8638	0.0389	0.8690	0.8411	0.1354
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.6940	0.2040	0.7133	0.5401	0.4922
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8667	0.0889	0.7924	0.7600	0.3430
Weekly			0.4444	0.5556	0.3077	0.0000	0.5302
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.1667	0.4167	0.0714	-0.3636	0.3581
wifi-loc			0.9850	0.0075	0.9854	0.9800	0.0287
wilt			0.9896	0.0104	0.9429	0.8835	0.1561
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5220	0.1593	0.2634	0.2396	0.4200
winequality-white			0.4376	0.1607	0.2477	0.1998	0.3979
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9810	0.0054	0.9422	0.9759	0.0502
wisc_bc			0.3684	0.6316	0.2692	0.0000	0.5148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yale			0.0625	0.1250	0.0267	-0.0084	0.2805
yeast			0.5135	0.0973	0.3273	0.3620	0.3551
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.5376	0.0925	0.5579	0.4824	0.3847

Table 143: Detailed results for OWNN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1831	0.0778	0.1306	0.0941	0.5606
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9822	0.0178	0.6497	0.2334	0.4205
accident		0.4000	0.6000	0.3902	-0.2000	1.0000
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8476	0.1524	0.7111	0.2350	0.3025
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8687	0.0875	0.3099	-0.0166	0.3138
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.6098	0.2105	0.8520
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8028	0.1972	0.6959	0.3361	0.6303
air_pollution		0.3700	0.1800	0.1295	-0.0011	0.6497
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7905	0.0838	0.3579	0.4492	0.1850
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7442	0.2558	0.7055	0.3873	0.7353
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9847	0.0076	0.9499	0.9707	0.0348
anuran-genus		0.9791	0.0052	0.9314	0.9656	0.0537
anuran-species		0.9833	0.0033	0.9730	0.9768	0.0494
anxiety		0.1167	0.1963	0.1139	0.0063	0.8310
apple-quality		0.9000	0.1000	0.9001	0.8000	0.4313
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.6222	0.0756	0.3084	0.2089	0.2245
auction		0.9167	0.0833	0.7901	0.4802	0.2031

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.5000	0.0909	0.3256	0.3615	0.2209
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.8621	0.1379	0.8776	0.7264	0.3750
autos		0.7000	0.1200	0.6844	0.5987	0.2763
avila		0.6871	0.0521	0.7295	0.5587	0.2852
babies		0.3629	0.1820	0.1371	0.0130	0.5553
balance		0.9194	0.0538	0.6337	0.8483	0.1304
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8733	0.1267	0.8634	0.7091	0.4285
basehock		0.7236	0.2764	0.7572	0.4459	0.5853
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8571	0.1429	0.8494	0.6986	0.5580
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6328	0.1836	0.6421	0.5104	0.4818
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.6786	0.3214	0.5596	0.1127	0.8846
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.8000	0.0667	0.7560	0.7143	0.1584
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4630	0.3580	0.3211	0.0122	0.6230
car		0.9598	0.0201	0.9436	0.9160	0.1671
card		0.8551	0.1449	0.8530	0.6939	0.4995
cardiotocography		0.7559	0.0488	0.7359	0.7035	0.2356
cardiotocography-nsp		0.9202	0.0532	0.8405	0.7668	0.2652
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9949	0.0034	0.9949	0.9924	0.0205
cars		0.8000	0.1333	0.7000	0.6121	0.3571
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.7846	0.2154	0.7833	0.5667	0.6938
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.7865	0.2135	0.7847	0.5690	0.6893
cas_N6512_RDkit_MACCS_FP		0.7715	0.2285	0.7720	0.5427	0.7120
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8031	0.1969	0.7931	0.5826	0.6673
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.6204	0.1732	0.4871
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9186	0.0814	0.4788	-0.0203	0.5749
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S		0.9070	0.0930	0.6230	0.1691	0.5280
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8370	0.1630	0.7162	0.4086	0.6486
churn-bigml		0.8989	0.1011	0.7736	0.4315	0.2326
ci900367j_MACCS		0.6526	0.3474	0.6416	0.2815	0.8714
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6667	0.2222	0.4397	0.3163	0.4597
cjs		0.9250	0.0250	0.9131	0.9086	0.1089
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8111	0.0944	0.6517	0.6962	0.2974
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7013	0.4286	0.3779
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5238	0.3175	0.5066	0.2527	0.7226
cnae-9		0.7500	0.0556	0.7722	0.7188	0.2327
codon_usage		0.9240	0.0138	0.7884	0.9077	0.1282
coil20		0.9861	0.0014	0.9866	0.9854	0.0097
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		0.5400	0.0613	0.5035	0.4914	0.2152
colon-tumor		0.6667	0.3333	0.6250	0.2500	0.8750
colposcopies-1		0.6552	0.3448	0.5679	0.1104	0.8482
colposcopies-2		0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3		0.6207	0.3793	0.5884	0.1448	0.8434
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.7419	0.1720	0.6847	0.5804	0.4082
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.6490	0.3510	0.6619	0.2953	0.8081
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.9585	0.0138	0.8820	0.9158	0.1483
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.3750	0.0312	0.2702	0.3587	0.0898
cybersecurity		0.1767	0.2744	0.1775	0.0118	0.8769
cyclopentane		0.6296	0.3704	0.6201	0.2373	0.9000
cylinder-bands		0.8148	0.1852	0.8094	0.6170	0.6347
darwin		0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8704	0.1296	0.7135	0.3596	0.5216
dementia		0.9600	0.0400	0.9613	0.9196	0.1761
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.5828	0.0525	0.4903
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.3492	0.1111	0.5070
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.4375	0.3750	0.3422	0.1000	0.5771
DIA		0.8833	0.1167	0.8364	0.6500	0.4374
diabetes		0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%		0.5196	0.3203	0.3189	0.0351	0.5882
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9500	0.0250	0.9353	0.9304	0.0754
diamonds_all		0.5519	0.1792	0.5497	0.3269	0.4149
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.3750	0.6250	0.3206	-0.3433	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7427	0.1716	0.6701	0.5505	0.4365
drug-01		0.3511	0.1854	0.1428	0.0073	0.5612
drug-02		0.5213	0.1368	0.2708	0.1654	0.4984
drug-03		0.6915	0.0881	0.1812	0.1525	0.3566
drug-04		0.5372	0.1322	0.3001	0.1820	0.5636
drug-05		0.7287	0.0775	0.1493	0.0149	0.2444
drug-06		0.4149	0.1672	0.2723	0.2627	0.5569
drug-07		0.4096	0.1687	0.1518	0.0282	0.4491
drug-08		0.5479	0.1292	0.2244	0.1652	0.4456
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5745	0.1216	0.1701	0.1811	0.4455
drug-11		0.8351	0.0471	0.1300	-0.0189	0.3337
drug-12		0.7819	0.0623	0.1254	-0.0139	0.2518
drug-13		0.5851	0.1185	0.2055	0.2207	0.4334
drug-14		0.5798	0.1201	0.2684	0.2649	0.5107
drug-15		0.7500	0.0714	0.1437	0.0433	0.2911
drug-16		0.5904	0.1170	0.2843	0.3088	0.4637
drug-17		0.3511	0.1854	0.1832	0.1131	0.6846

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7500	0.0714	0.1614	0.0176	0.3387
drybean		0.9309	0.0197	0.9429	0.9165	0.1158
ecoli		0.8529	0.0490	0.7174	0.7942	0.1400
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.1900	0.4050	0.1901	-0.0801	0.8916
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.3435	0.0821	0.3512	0.2697	0.6147
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6575	0.1370	0.6348	0.5551	0.3791
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.4925	0.5075	0.4927	-0.0146	1.0000
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.5650	0.0512	0.4688	0.5094	0.3793
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4902	0.5098	0.4852	-0.0295	1.0000
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.9942	0.0019	0.9944	0.9930	0.0148
gastrointestinal		0.6875	0.2083	0.6333	0.4872	0.5512
gender		0.5811	0.2793	0.3915	0.1288	0.6652
gene		0.8328	0.1115	0.8335	0.7404	0.3759
german		0.6900	0.3100	0.6355	0.1711	0.6560
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.5101	0.4899	0.3378	0.0000	0.5269
glass		0.7619	0.0794	0.5971	0.6512	0.1954
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8571	0.1429	0.8531	0.7061	0.5505
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.6000	0.2000	0.6282	0.4444	0.4655
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.8000	0.2000	0.7173	0.3919	0.6386
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.9924	0.0031	0.9916	0.9903	0.0215
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.9128	0.0249	0.5387	0.8717	0.1411
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth1%		0.4493	0.0918	0.0517	0.0000	0.2692
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.3750	0.4167	0.4406	-0.0390	0.5671
hcc-survival		0.5882	0.4118	0.5662	0.1314	0.9439

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack		0.9032	0.0968	0.9038	0.8058	0.4189
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.9740	0.0260	0.9698	0.9387	0.1422
heart-quantum		0.8200	0.1800	0.8266	0.6400	0.5915
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6118	0.3882	0.6080	0.2140	0.9153
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.1141	0.0375	0.3361
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.7188	0.2812	0.7183	0.4286	0.7778
hiv1-proteasa		0.8836	0.1164	0.7737	0.5353	0.5712
hiva		0.9598	0.0402	0.4897	-0.0084	0.4680
horse		0.6389	0.2407	0.5908	0.3128	0.4454
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8561	0.1439	0.5308	0.0216	0.5415
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.9782	0.0218	0.9318	0.8611	0.2113
hypothyroid		0.9390	0.0305	0.5536	0.5206	0.1691
hypothyroidT		0.9496	0.0504	0.7956	0.4928	0.1391
ilpd		0.6610	0.3390	0.4990	-0.0017	0.8940
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere		0.8286	0.1714	0.7932	0.5588	0.5565
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9600	0.0400	0.9613	0.9196	0.1967
jm1		0.8044	0.1956	0.6335	0.2481	0.7452
jvowels		0.9910	0.0020	0.9907	0.9898	0.0176
kc1		0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8654	0.1346	0.7919	0.5826	0.6119
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.8494	0.1004	0.7986	0.7517	0.2581
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.7369	0.0292	0.6968	0.7055	0.2997
krvskp		0.9749	0.0251	0.9750	0.9498	0.1553
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6471	0.0307	0.5761	0.6281	0.0948
led24		0.6000	0.0889	0.6326	0.5429	0.2246
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9560	0.0034	0.9557	0.9542	0.0507
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
libra		0.8611	0.0185	0.8528	0.8506	0.0538
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7647	0.2353	0.7455	0.4868	0.7356
loan		0.9040	0.0960	0.8972	0.7938	0.4272
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.0316	0.1761	0.0056	0.0000	0.3472
lrs		0.8491	0.0431	0.6268	0.7903	0.1170
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.5846	0.4154	0.5848	0.1692	0.9409
magic04		0.8474	0.1526	0.8292	0.6474	0.5426
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8430	0.6859	0.5749
marketing		0.8661	0.1339	0.6667	0.2640	0.5692
maternal		0.7822	0.1452	0.7849	0.6673	0.4326
math		0.7250	0.1375	0.5721	0.5501	0.2805
mba		0.8274	0.1151	0.4085	0.1930	0.3825
mental-disorders		0.6667	0.1667	0.6769	0.5556	0.2652
mental-health		0.2067	0.3173	0.2092	0.0082	0.8693
messidor		0.5565	0.4435	0.5542	0.1080	0.9579
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.8683	0.7682	0.2198
meter-D		0.8333	0.0833	0.8282	0.7652	0.2014
mfeat-fac		0.9650	0.0070	0.9665	0.9611	0.0405
mfeat-fou		0.8350	0.0330	0.8384	0.8167	0.1262
mfeat-kar		0.9550	0.0090	0.9561	0.9500	0.0561
mfeat-mor		0.7100	0.0580	0.7177	0.6778	0.1989
mfeat-pix		0.9800	0.0040	0.9811	0.9778	0.0247
mfeat-zer		0.8350	0.0330	0.8376	0.8167	0.0921
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5294	0.1882	0.4816	0.4074	0.4190
mobile		0.7308	0.0096	0.7613	0.7259	0.1140
monks-1		0.7818	0.2182	0.7842	0.5623	0.6791
monks-2		0.8361	0.1639	0.8143	0.6105	0.5504
monks-3		0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
musk		0.9545	0.0455	0.9089	0.8092	0.2456
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.7782	0.2218	0.7737	0.5470	0.7079
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.8263	0.1737	0.8211	0.6421	0.6186
MUT_ci300400a_rdkit_descriptors		0.8409	0.1591	0.8365	0.6717	0.5809
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9673	0.0327	0.9673	0.9345	0.1936
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		0.9427	0.0573	0.8863	0.7612	0.3029
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5278	0.3148	0.4314	0.0940	0.5946
nursery		0.9691	0.0154	0.9014	0.9545	0.0800
obesity		0.8483	0.0433	0.8417	0.8229	0.1689
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9937	0.0063	0.9912	0.9823	0.0783
Occupancy_Estimation		0.9901	0.0049	0.9695	0.9701	0.0611
oh0-wc		0.4455	0.1109	0.2861	0.3448	0.3566
oh10-wc		0.3429	0.1314	0.3225	0.2485	0.4601
oh15-wc		0.2500	0.1500	0.1971	0.0952	0.3665
oh5-wc		0.0549	0.1890	0.0104	0.0000	0.4076
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.8923	0.1077	0.6343	0.2657	0.6813
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9751	0.0050	0.9768	0.9723	0.0346
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr		0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr		0.9091	0.0909	0.5308	0.0456	0.6418
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8299	0.1701	0.8113	0.6225	0.6300
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9286	0.0714	0.9300	0.8573	0.3285
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9781	0.0088	0.7201	0.8719	0.1486
parkinson		0.9417	0.0583	0.9408	0.8804	0.3027
parkinsons		0.6825	0.3175	0.6476	0.2855	0.8442
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.7192	0.2808	0.4183	0.0000	0.4269
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia		0.7353	0.0756	0.6799	0.6667	0.1844
pendigits		0.9936	0.0013	0.9936	0.9929	0.0116
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.7755	0.2245	0.7547	0.4894	0.6742
personalities		0.0628	0.1171	0.0074	0.0000	0.4134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
pet-adoption		0.8050	0.1950	0.7757	0.5504	0.6811
phishing		0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc		0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%		0.7282	0.0777	0.7118	0.6821	0.3050
phone-acc1%		0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%		0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr		0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%		0.7660	0.0669	0.7510	0.7259	0.2896
phone-gyr1%		0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%		0.1687	0.2375	0.0412	0.0000	0.3985
phoneme		0.9148	0.0852	0.8926	0.7816	0.3934
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.7105	0.2895	0.6923	0.3323	0.7052
pirvision		0.8165	0.1224	0.2997	0.0000	0.2067
placement		0.7850	0.2150	0.7775	0.5533	0.6936
plant-growth		0.7895	0.2105	0.7889	0.5778	0.6844
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.5015	0.1424	0.1797	0.0648	0.3369
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9306	0.0694	0.6198	0.1439	0.4563
polya		0.7578	0.2422	0.7326	0.4645	0.7555
popularity		0.6313	0.2458	0.2580	0.0000	0.2921
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
postures		0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc		0.7206	0.2794	0.7230	0.4412	0.7804
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.3939	0.0932	0.3033	0.3327	0.2837
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.6269	0.3731	0.5519	0.1019	0.9239
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate		1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE		1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio		0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%		0.9813	0.0075	0.9698	0.9749	0.0530
pufs-128		0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%		0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%		0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64		0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%		0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%		0.5002	0.4998	0.3334	0.0000	0.5283
pulsar		0.9832	0.0168	0.9485	0.8950	0.1580
raisin		0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc		0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc		0.4157	0.0467	0.1923	0.2799	0.3274
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		0.9930	0.0070	0.9929	0.9858	0.0469
rice		0.9857	0.0143	0.9856	0.9711	0.0986
rnaseq		0.3750	0.2500	0.1091	0.0000	0.3593
rocket		0.6241	0.3759	0.6128	0.2256	0.9075
RT_IOT2022		0.7689	0.0385	0.0724	0.0000	0.1480
satimage		0.9191	0.0270	0.9107	0.9003	0.1394
satimageF		0.9891	0.0109	0.9721	0.9442	0.1683

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimageT			0.9518	0.0482	0.8631	0.7253	0.4328
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis			0.9630	0.0370	0.9635	0.9244	0.1598
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9524	0.0136	0.9566	0.9443	0.0664
segmentation			0.8614	0.1386	0.8481	0.6960	0.5520
segmentO			0.9913	0.0087	0.9828	0.9655	0.1114
seismic			0.9302	0.0698	0.5751	0.0819	0.4920
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8632	0.1368	0.5313	0.0179	0.4988
sens-10-gram			0.8583	0.1417	0.5797	0.1077	0.6336
sens-2-gram			0.8789	0.1211	0.6599	0.2182	0.4991
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8605	0.1395	0.5807	0.1104	0.6333
sens-6-gram			0.8711	0.1289	0.6226	0.1567	0.5469
sens-7-gram			0.8421	0.1579	0.5443	0.0732	0.7331
sens-8-gram			0.8447	0.1553	0.5766	0.1377	0.7323
sens-9-gram			0.8632	0.1368	0.6105	0.1780	0.6520
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.0003	0.2856	0.0001	0.0000	0.1743
sick			0.9496	0.0504	0.7541	0.4634	0.4163
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9996	0.0004	0.9994	0.9988	0.0098
smarket			0.8720	0.1280	0.8746	0.7431	0.4786
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2133	0.3147	0.2140	0.0168	0.8583
solar-flare			0.7554	0.0815	0.6089	0.6858	0.2219
sonar			0.7500	0.2500	0.7622	0.5000	0.6793
soybean			0.9559	0.0046	0.9565	0.9515	0.0237
spam-detection			0.9510	0.0490	0.8479	0.6948	0.4550
spambase			0.9109	0.0891	0.9063	0.8117	0.3975
spect			0.7037	0.2963	0.6196	0.2340	0.8108
spectf			0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer			0.4423	0.0413	0.3175	0.4086	0.1964
splice-EI			0.9180	0.0820	0.8970	0.7913	0.4440
splice-IE			0.8991	0.1009	0.8559	0.7099	0.4891
sport-articles			0.8600	0.1400	0.8478	0.6893	0.5224
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			0.8280	0.1720	0.8075	0.6082	0.6059
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8615	0.1385	0.7797	0.5552	0.6149
steel-d			0.9795	0.0205	0.8028	0.5899	0.3873
steel-k			0.9744	0.0256	0.9604	0.9206	0.1989
steel-o			0.8103	0.1897	0.7849	0.5629	0.6475
steel-p			0.9282	0.0718	0.6988	0.3338	0.4755
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9226	0.8401	0.3898
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8403	0.1597	0.6747	0.2122	0.4634

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8060	0.1940	0.8032	0.6049	0.6508
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5800	0.1680	0.3274	0.3191	0.4924
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3100	0.2760	0.1670	-0.0670	0.6134
student-weekend			0.3231	0.2708	0.2307	0.0195	0.6265
student-workday			0.7031	0.1187	0.2116	0.0753	0.2895
studentap			0.5385	0.3077	0.5166	0.2778	0.5827
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.4000	0.4000	0.4147	0.1000	0.7073
telco-churn			0.8906	0.1094	0.8541	0.6986	0.4574
texture			0.9745	0.0046	0.9760	0.9719	0.0348
theorem			0.9787	0.0213	0.9785	0.9565	0.1419
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.7591	0.2409	0.7101	0.4121	0.7548
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.5597	0.0893	0.8324
toxicity-13f			0.8235	0.1765	0.8020	0.5984	0.6209
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.6800	0.3200	0.5257	0.0506	0.8893
trec11-wc			0.5854	0.0921	0.4723	0.4572	0.3385
trec12-wc			0.5484	0.1129	0.5251	0.4229	0.2996
trec21-wc			0.7273	0.1091	0.2895	0.1490	0.2108
trec23-wc			0.5714	0.1429	0.3266	0.3127	0.3469
trec31-wc			0.6344	0.1219	0.5720	0.4993	0.3168
trec41-wc			0.4886	0.1023	0.3051	0.3151	0.3057
trec45-wc			0.3478	0.1304	0.3200	0.1689	0.3224
tuandromd			0.9843	0.0157	0.9758	0.9515	0.1548
turkish			0.7750	0.1125	0.7902	0.7000	0.2098
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.8923	0.1077	0.8868	0.7562	0.3538
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9728	0.0272	0.7421	0.4607	0.4539
ur3_cobotops_stop			0.9673	0.0327	0.7196	0.4132	0.4806
urban			0.7761	0.0498	0.7577	0.7367	0.1928
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7500	0.1250	0.6976	0.6581	0.2924
vehicleVAN			0.9643	0.0357	0.9533	0.9062	0.2616
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.9767	0.0233	0.9773	0.9535	0.1262
vowel			0.5960	0.0735	0.6508	0.5556	0.2064
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.8173	0.0522	0.8141	0.7862	0.2346

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2400	0.3800	0.2381	-0.0145	0.8712
waveform			0.7860	0.1427	0.7867	0.6788	0.4475
web-phishing			0.8370	0.1086	0.7097	0.7045	0.4376
Weekly			0.9352	0.0648	0.9343	0.8685	0.3200
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			1.0000	0.0000	1.0000	1.0000	0.0000
wilt			0.9834	0.0166	0.9055	0.8011	0.1818
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6226	0.1258	0.2893	0.3842	0.3951
winequality-white			0.5992	0.1145	0.3269	0.3891	0.4094
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.6875	0.0417	0.6732	0.6667	0.0602
yeast			0.5541	0.0991	0.4521	0.4222	0.3881
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9527	0.0473	0.6386	0.2055	0.4689
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 144: Detailed results for PAC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1349	0.0824	0.0957	0.0772	0.5023
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9787	0.0213	0.9548	0.9055	0.0778
adult		0.8413	0.1587	0.7588	0.4859	0.5776
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8545	0.1455	0.7898	0.5692	0.5881
air_pollution		0.1167	0.2524	0.1887	-0.0061	0.7114
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8752	0.1248	0.8726	0.7445	0.4981
alcohol		0.7143	0.1143	0.2327	0.2199	0.2190
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8512	0.1488	0.8372	0.6744	0.5789
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9360	0.0320	0.6830	0.8757	0.1567
anuran-genus		0.9458	0.0136	0.8718	0.9097	0.1362
anuran-species		0.9542	0.0092	0.8998	0.9359	0.0835
anxiety		0.1250	0.1944	0.0943	0.0114	0.6490
apple-quality		0.7100	0.2900	0.7118	0.4200	0.7984
aps-failure		0.9830	0.0170	0.6681	0.1537	0.1949
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9935	0.0065	0.7360	0.3508	0.1755
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.7111	0.0578	0.3708	0.4725	0.1773
auction		0.8480	0.1520	0.6291	0.2556	0.7285
audiology		0.8636	0.0248	0.8521	0.8370	0.0735
audit-risk		0.9872	0.0128	0.9869	0.9734	0.0949
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.9714	0.0286	0.9640	0.9253	0.1096
autism-child		0.8276	0.1724	0.8505	0.6588	0.4125
autos		0.5000	0.2000	0.4145	0.2958	0.3262
avila		0.5338	0.0777	0.3061	0.3283	0.3876
babies		0.4194	0.1659	0.1359	0.0714	0.4047
balance		0.9032	0.0645	0.8110	0.8201	0.1846
bank		0.9099	0.0901	0.7355	0.4431	0.5402
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9032	0.0968	0.8950	0.7826	0.3835
basehock		0.9548	0.0452	0.9550	0.9096	0.2432
bio		0.9968	0.0032	0.9022	0.7875	0.0763
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8476	0.1524	0.8369	0.6640	0.5381
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5537	0.2231	0.5356	0.4050	0.4954
bookings		0.9827	0.0115	0.6570	0.9633	0.0471
brain-tumor		0.5140	0.4860	0.5139	0.0277	0.9901
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.7738	0.7800	0.0411
bridges		0.8000	0.0667	0.6525	0.6970	0.0841
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4910	0.3393	0.3702	-0.0017	0.3963
car		0.8161	0.0920	0.5627	0.6348	0.3381
car-insurance		0.8340	0.1660	0.7999	0.5935	0.6103
card		0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography		0.7653	0.0469	0.6730	0.7139	0.2175
cardiotocography-nsp		0.8779	0.0814	0.7725	0.6606	0.3902
cardiovascular		0.7189	0.2811	0.7231	0.4377	0.7732
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6372	0.5078	0.4587
cas_N6512_cdk_ECFP2		0.7496	0.2504	0.7478	0.4955	0.7519
cas_N6512_rdkit_ATOMPAIR		0.7354	0.2646	0.7339	0.4679	0.7732
cas_N6512_RDkit_AtomPair_FP		0.7531	0.2469	0.7510	0.4993	0.7401
cas_N6512_rdkit_AVALON		0.7880	0.2120	0.7879	0.5751	0.6855
cas_N6512_RDkit_Avalon_FP		0.8006	0.1994	0.7999	0.5996	0.6640
cas_N6512_rdkit_descriptors		0.7338	0.2662	0.7314	0.4616	0.7734
cas_N6512_rdkit_FEATMORGAN		0.7419	0.2581	0.7397	0.4789	0.7630
cas_N6512_RDkit_Featmorgan_FP		0.7730	0.2270	0.7719	0.5438	0.7137
cas_N6512_RDkit_FP		0.7362	0.2638	0.7340	0.4675	0.7715
cas_N6512_rdkit_LAYERED		0.7708	0.2292	0.7700	0.5398	0.7169
cas_N6512_RDkit_Layered_FP		0.7623	0.2377	0.7606	0.5212	0.7317

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7711	0.2289	0.7692	0.5359	0.7106
cas_N6512_RDkit_MACCS_FP		0.7669	0.2331	0.7649	0.5288	0.7218
cas_N6512_rdkit_MORGAN		0.7969	0.2031	0.7956	0.5883	0.6624
cas_N6512_RDkit_morgan_FP		0.7899	0.2101	0.7888	0.5776	0.6843
cas_N6512_rdkit_PATTERN		0.7846	0.2154	0.7836	0.5671	0.6936
cas_N6512_RDkit_pattern_FP		0.7883	0.2117	0.7872	0.5744	0.6871
cas_N6512_rdkit_RDKITFP		0.7650	0.2350	0.7633	0.5265	0.7271
cas_N6512_rdkit_TORSION		0.7369	0.2631	0.7354	0.4708	0.7710
ccds		0.9633	0.0367	0.7093	0.3960	0.5058
ccds1%		0.9643	0.0357	0.6933	0.1289	0.1053
ccds10%		0.9649	0.0351	0.6812	0.2611	0.3610
cdc_diabetes		0.8424	0.1050	0.3889	0.0018	0.1756
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.7956	0.5913	0.6594
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8209	0.6148	0.3141
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9967	0.0033	0.4992	-0.0013	0.5230
census		0.9375	0.0624	0.6668	0.0422	0.1654
census10%		0.9512	0.0488	0.7311	0.4084	0.4240
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.7002	0.1499	0.5420	0.5340	0.2288
chrom19		0.9995	0.0005	0.8812	0.7617	0.3982
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9990	0.0010	0.7952	0.5849	0.5115
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6526	0.3474	0.6181	0.2329	0.8874
circles		0.1020	0.0180	0.0701	0.0929	0.2579
cirrhosis		0.7857	0.1429	0.5337	0.5685	0.3575
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7741	0.1130	0.5493	0.6326	0.3658
climate		0.9815	0.0185	0.9429	0.8789	0.3522
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.8800	0.1200	0.6001	0.1892	0.6967
cmc		0.4898	0.3401	0.4548	0.1598	0.7037
cnae-9		0.9537	0.0103	0.9560	0.9479	0.0523
codon_usage		0.8503	0.0272	0.6729	0.8177	0.2582
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.5000	0.0667	0.3795	0.4425	0.2316
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6207	0.3793	0.6141	0.2276	0.9066
colposcopies-4		0.6207	0.3793	0.5770	0.1493	0.8677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.5110	0.4890	0.5066	0.0128	0.9866
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7668	0.2332	0.7675	0.5339	0.7199
coupon		0.6948	0.3052	0.6881	0.3761	0.8314
covid19		0.5293	0.1345	0.2100	0.1491	0.3741
covtype		0.7092	0.0831	0.4777	0.5218	0.3782
covtype10%		0.6904	0.0885	0.4295	0.4986	0.3585
covtypeCD		0.9428	0.0572	0.8694	0.7226	0.3106
covtypeT		0.9460	0.0540	0.7506	0.4647	0.4496
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9992	0.0008	0.8876	0.7751	0.3565
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8719	0.0427	0.6444	0.7279	0.2766
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.3125	0.0430	0.2581	0.2903	0.1469
customer-churn		0.9784	0.0216	0.5645	0.0488	0.3360
cybersecurity		0.1600	0.2800	0.0859	-0.0031	0.5045
cyclopentane		0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands		0.4259	0.5741	0.4774	-0.0097	0.6816
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0994	0.1801	0.0943	-0.0017	0.7165
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8147	0.1853	0.6859	0.2959	0.5889
defect		0.8765	0.1235	0.7335	0.3637	0.4072
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8839	0.1161	0.7419	0.4810	0.6503
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.6167	0.3833	0.6200	0.2333	0.8952
df_final		0.7500	0.1667	0.7616	0.6098	0.2841
DIA		0.7667	0.2333	0.6645	0.0968	0.3895
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9383	0.0617	0.7685	0.4087	0.1611
diabetes-risk		0.8537	0.1463	0.7528	0.4833	0.5977
diabetic		0.5683	0.2878	0.3686	0.1014	0.4579
diabetic1%		0.6176	0.2549	0.5468	0.2320	0.4377
diabetic10%		0.5629	0.2914	0.3607	0.0857	0.4537
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9333	0.0333	0.9080	0.9077	0.1233
diamonds_all		0.5302	0.1879	0.3726	0.2954	0.5336
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.5833	0.4167	0.5845	0.1667	0.9267
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9304	0.0696	0.7608	0.4682	0.4114
dota2		0.6017	0.3983	0.5982	0.1921	0.9187
dota210%		0.5728	0.4272	0.5682	0.1246	0.9163
drebin		0.9754	0.0246	0.9736	0.9472	0.1629
dropout		0.7675	0.1550	0.6006	0.5911	0.3476
drug-01		0.3883	0.1748	0.1919	0.0744	0.6285
drug-02		0.4947	0.1444	0.1545	0.0846	0.5963
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-04		0.5160	0.1383	0.1692	0.0998	0.5324
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.3219	0.2795	0.4451
drug-07		0.4734	0.1755	0.2169	0.0967	0.3500
drug-08		0.5691	0.1231	0.2120	0.1352	0.3831
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5479	0.1292	0.1760	0.1355	0.4847
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6117	0.1109	0.1747	0.1927	0.3995
drug-14		0.5904	0.1170	0.2396	0.1939	0.4217
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5691	0.1436	0.2491	0.2155	0.4084
drug-17		0.3191	0.1945	0.1962	0.0795	0.7257
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9111	0.0254	0.9281	0.8926	0.1375
ecoli		0.8529	0.0490	0.7162	0.7962	0.1645
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.2568	0.0234	0.7136
eeg		0.2793	0.0901	0.3188	0.2109	0.7204
eeg-eye		0.6095	0.3905	0.6101	0.1574	0.7652
eeg10%		0.2775	0.0903	0.3119	0.2058	0.7052
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.9462	0.0538	0.8695	0.7308	0.4993
exon.vs.intron-freq		0.8967	0.1033	0.8986	0.7939	0.4269
exon.vs.intron-freq10%		0.8944	0.1056	0.8967	0.7893	0.4298
fakenews		0.5175	0.4825	0.5168	0.0327	0.9812
farm-ads		0.9058	0.0942	0.9054	0.8103	0.4124
fbis-wc		0.8659	0.0158	0.8397	0.8473	0.0989
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8824	0.1176	0.8844	0.7587	0.4271
financial-risk		0.7385	0.0872	0.4727	0.5517	0.2985
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.5500	0.1286	0.4859	0.4444	0.3029
fonts		0.3589	0.0084	0.1336	0.3263	1.0000
fonts10%		0.3392	0.0086	0.0899	0.3068	0.8308
forest		0.9231	0.0385	0.9071	0.8932	0.0993
gas		0.9806	0.0065	0.9798	0.9765	0.0446
gastrointestinal		0.3125	0.4583	0.1587	0.0000	0.3907
gender		0.5916	0.2723	0.3460	0.0216	0.3877
gene		0.9054	0.0631	0.8949	0.8494	0.2659
german		0.7200	0.2800	0.6750	0.2802	0.6783
gestures		0.3125	0.3438	0.3100	0.0831	0.8208
gina		0.8761	0.1239	0.8761	0.7521	0.4973
gisette		0.9629	0.0371	0.9629	0.9257	0.2136
glass		0.6667	0.1111	0.8079	0.5212	0.1439
glass-g2		0.7500	0.2500	0.8000	0.5294	0.5000
glassBWFP		0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP		0.5714	0.4286	0.4563	-0.0800	0.9698
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.5333	0.2333	0.5472	0.3226	0.3027
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7000	0.3000	0.4118	-0.0630	0.7714
hapt		0.9616	0.0064	0.8718	0.9546	0.0626
har		0.7151	0.1140	0.7044	0.6374	0.4302
har70		0.7667	0.0666	0.3933	0.6208	0.1493
har701%		0.7615	0.0681	0.3879	0.6125	0.1519
har7010%		0.7669	0.0666	0.3936	0.6211	0.1542
harth		0.6434	0.0594	0.2187	0.4869	0.3221
harth1%		0.6454	0.0591	0.2218	0.4893	0.3256
harth10%		0.6503	0.0583	0.2552	0.5110	0.3118
hayes-roth		0.3750	0.4167	0.4172	0.0062	0.6221
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.8480	0.1520	0.8230	0.6460	0.5995
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass		0.8375	0.1625	0.8375	0.6749	0.5884
hepmass1%		0.8364	0.1636	0.8364	0.6728	0.5906
hepmass10%		0.8360	0.1640	0.8360	0.6720	0.5917
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.6421	0.3579	0.6420	0.2667	0.8494
higgs0.1%		0.6573	0.3427	0.6563	0.3002	0.8454
higgs1%		0.6410	0.3590	0.6419	0.2621	0.8399
higgs10%		0.6415	0.3585	0.6417	0.2661	0.8500
higher		0.2857	0.1786	0.1765	0.1195	0.2996
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9376	0.0624	0.8876	0.7748	0.4122
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.5671	0.3198	0.6104
hotel-reservartions		0.3277	0.6723	0.2468	0.0000	0.4971
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.6031	0.2646	0.6081	0.4060	0.6158
ht-sensor10%		0.5926	0.2716	0.5972	0.3911	0.6314
htru2		0.9782	0.0218	0.9318	0.8611	0.2113
hypothyroid		0.9469	0.0265	0.5998	0.6173	0.2229
hypothyroidT		0.9602	0.0398	0.8439	0.6328	0.1174
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9433	0.0283	0.9443	0.9244	0.1064
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		0.8667	0.0889	0.8500	0.7973	0.2122
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9178	0.0063	0.9199	0.9146	0.0748
jm1		0.8072	0.1928	0.6457	0.0076	0.3447
jvowels		0.9187	0.0181	0.9124	0.9079	0.1216
kc1		0.8578	0.1422	0.6870	0.1444	0.2864

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.7692	0.0923	0.5122	0.4868	0.2637
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.8753	0.0356	0.8775	0.8545	0.2018
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9991	0.0001	0.6417	0.9984	0.0989
kddcup991%		0.9972	0.0004	0.8135	0.9952	0.0194
kddcup9910%		0.9989	0.0001	0.7510	0.9982	0.0823
kepler		0.8609	0.0927	0.8152	0.7701	0.2262
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9000	0.1000	0.8983	0.7922	0.4365
krkopt		0.1861	0.0904	0.1788	0.0976	0.6493
krvskp		0.9561	0.0439	0.9562	0.9121	0.2405
la1s-wc		0.8730	0.0423	0.8523	0.8385	0.1924
la2s-wc		0.8940	0.0353	0.8813	0.8661	0.1706
labor		0.6667	0.3333	0.4000	0.0000	0.4644
leaf		0.7059	0.0256	0.6812	0.6909	0.0910
led24		0.7500	0.0556	0.7718	0.7143	0.1340
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.6305	0.0284	0.6452	0.6158	0.3058
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.7222	0.0370	0.6975	0.7010	0.1075
linkage		1.0000	0.0000	0.9992	0.9983	0.0076
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7353	0.2647	0.7051	0.4093	0.7890
loan		0.9321	0.0679	0.9280	0.8560	0.3453
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3780	0.1131	0.0902	0.0913	0.3322
lrs		0.8491	0.0431	0.6325	0.7899	0.1169
lung		0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1905	0.5124	0.4815	0.3082
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8904	0.7809	0.4568
madelon		0.5500	0.4500	0.5511	0.1000	0.9587
magic04		0.7780	0.2220	0.7522	0.5031	0.7232
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8181	0.6274	0.6117
marketing		0.2500	0.7500	0.5709	0.0388	0.3432
maternal		0.6238	0.2508	0.6305	0.4178	0.5079
math		0.7250	0.1375	0.4022	0.5397	0.2658
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2167	0.3133	0.1820	0.0122	0.6995
messidor		0.7043	0.2957	0.7119	0.4147	0.7881
meter-A		0.5000	0.5000	0.5333	0.0588	0.9056
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
meter-C			1.0000	0.0000	1.0000	1.0000	0.0000
meter-D			0.8333	0.0833	0.6673	0.7611	0.1597
mfeat-fac			0.9800	0.0040	0.9802	0.9778	0.0253
mfeat-fou			0.7900	0.0420	0.7845	0.7667	0.1779
mfeat-kar			0.9750	0.0050	0.9756	0.9722	0.0315
mfeat-mor			0.6100	0.0780	0.6110	0.5667	0.2314
mfeat-pix			0.9700	0.0060	0.9714	0.9667	0.0323
mfeat-zer			0.8200	0.0360	0.8223	0.8000	0.1236
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.8774	0.0818	0.8846	0.8155	0.2699
mines			0.4706	0.2118	0.4142	0.3341	0.4564
mobile			0.6608	0.0121	0.6794	0.6547	0.1457
monks-1			0.6364	0.3636	0.6441	0.2676	0.8423
monks-2			0.6557	0.3443	0.3960	0.0000	0.4711
monks-3			0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4367	0.1024	0.4534	0.3299	0.5962
musk			0.8924	0.1076	0.7967	0.5932	0.5977
MUT_ci300400a_cdk_ECFP2			0.7974	0.2026	0.7903	0.5797	0.6736
MUT_ci300400a_cdk_ECFP4			0.8084	0.1916	0.8026	0.6052	0.6548
MUT_ci300400a_cdk_ECFP6			0.7629	0.2371	0.7548	0.5091	0.7348
MUT_ci300400a_cdk_ESTATE			0.6990	0.3010	0.7043	0.4009	0.7991
MUT_ci300400a_cdk_EXTENDED			0.8070	0.1930	0.8001	0.5989	0.6539
MUT_ci300400a_cdk_FCFP2			0.7844	0.2156	0.7760	0.5488	0.6913
MUT_ci300400a_cdk_FCFP4			0.7998	0.2002	0.7922	0.5819	0.6638
MUT_ci300400a_cdk_FCFP6			0.7998	0.2002	0.7942	0.5884	0.6712
MUT_ci300400a_cdk_MACCS			0.7458	0.2542	0.7348	0.4624	0.7477
MUT_ci300400a_cdk_PUBCHEM			0.8252	0.1749	0.8189	0.6331	0.6041
MUT_ci300400a_cdk_STANDARD			0.7820	0.2180	0.7740	0.5468	0.7008
MUT_ci300400a_rdkit_descriptors			0.7444	0.2556	0.7514	0.4927	0.7305
myocardial			0.8765	0.0309	0.2785	0.3554	0.1023
naticusdroid			0.9574	0.0426	0.9575	0.9148	0.2344
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA			0.8658	0.0141	0.2112	0.6029	0.3458
ncRNA1%			0.8564	0.0151	0.1800	0.5613	0.2366
ncRNA10%			0.8612	0.0146	0.2246	0.5668	0.2933
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.8687	0.0060	0.8679	0.8644	0.1011
newspop			0.6483	0.3517	0.6467	0.2935	0.8825
NHANES_age_prediction			0.9956	0.0044	0.9919	0.9837	0.0848
nomao			0.9440	0.0560	0.9313	0.8626	0.3237
NPHA-doctor-visits			0.5278	0.3148	0.3416	0.0137	0.4489
nursery			0.9159	0.0421	0.6958	0.8754	0.1258
obesity			0.5829	0.1192	0.6662	0.5153	0.2436
obs			0.8056	0.0972	0.8402	0.7079	0.2529
occupancy			0.9883	0.0117	0.9840	0.9677	0.1315
Occupancy_Estimation			0.9852	0.0074	0.9506	0.9550	0.0532
oh0-wc			0.8416	0.0317	0.8253	0.8180	0.1475
oh10-wc			0.7333	0.0533	0.6712	0.6951	0.2328
oh15-wc			0.7609	0.0478	0.7460	0.7281	0.2308
oh5-wc			0.8571	0.0286	0.8568	0.8385	0.1324
ohscal-wc			0.7957	0.0409	0.7844	0.7712	0.2802
olive			0.9649	0.0078	0.9554	0.9565	0.0249
opn310k			0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9573	0.0085	0.9592	0.9525	0.0629
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6573	0.2258	0.4618
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8608	0.1392	0.8469	0.6934	0.5608
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants		0.9959	0.0041	0.7604	0.5165	0.4628
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9561	0.0175	0.6487	0.7178	0.1245
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.8294	0.1706	0.8188	0.6376	0.6200
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.8888	0.1112	0.8575	0.7079	0.4679
particle10%		0.8538	0.1462	0.8194	0.6387	0.6014
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4845	0.5155	0.4773	-0.0451	0.9992
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8684	0.1316	0.8246	0.6491	0.5828
pediatric-leukemia		0.8529	0.0420	0.7590	0.8176	0.1103
pendigits		0.9336	0.0133	0.9333	0.9262	0.0989
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.8192	0.1808	0.8044	0.6063	0.6334
personalities		0.9128	0.0109	0.9129	0.9070	0.1357
pet-adoption		0.9000	0.1000	0.8881	0.7570	0.3198
phishing		0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL		0.9999	0.0001	0.9999	0.9998	0.0013
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc		0.1525	0.2421	0.0378	0.0000	0.4012
phone-acc0.1%		0.1363	0.2468	0.0343	0.0000	0.4039
phone-acc1%		0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%		0.1365	0.2467	0.0343	0.0000	0.4038
phone-gyr		0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr0.1%		0.1594	0.2402	0.0393	0.0000	0.3999
phone-gyr1%		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%		0.2036	0.2275	0.2746	0.0737	0.3865
phoneme		0.7759	0.2241	0.7204	0.4405	0.7516
phy		0.5956	0.4044	0.5978	0.1901	0.9165
pima		0.6974	0.3026	0.6719	0.3150	0.7801
pirvision		0.9882	0.0078	0.9766	0.9623	0.0572
placement		0.7970	0.2030	0.7919	0.5837	0.6759
plant-growth		0.7895	0.2105	0.8224	0.5870	0.4472
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4990	0.1252	0.1174	-0.0007	0.1996
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9289	0.0711	0.4816	-0.0033	0.3009
polya		0.7816	0.2184	0.7573	0.5124	0.7129

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
popularity			0.6416	0.2389	0.4024	0.2017	0.5332
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.8172	0.0731	0.8172	0.7714	0.2863
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6068	0.2059	0.9040
prestige			0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor			0.3939	0.0932	0.2719	0.3231	0.2794
processed			0.9995	0.0005	0.9994	0.9988	0.0079
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8165	0.0734	0.7473	0.7508	0.2538
puc-rio10%			0.8395	0.0642	0.7612	0.7823	0.2357
pufs-128			0.5005	0.4995	0.5004	0.0009	0.9987
pufs-1281%			0.4893	0.5107	0.4893	-0.0213	1.0000
pufs-12810%			0.5008	0.4992	0.5009	0.0017	0.9919
pufs-64			0.4989	0.5011	0.4989	-0.0022	0.9997
pufs-641%			0.5004	0.4996	0.5004	0.0008	0.9994
pufs-6410%			0.4943	0.5057	0.4943	-0.0114	1.0000
pulsar			0.9777	0.0223	0.9303	0.8534	0.1376
raisin			0.9222	0.0778	0.9232	0.8444	0.3519
rcv11%			0.8481	0.0074	0.5804	0.8307	0.1260
re0-wc			0.8800	0.0185	0.8886	0.8439	0.1849
re1-wc			0.8072	0.0154	0.6456	0.7788	0.1198
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.9157	0.0035	0.5977	0.8842	0.0845
rice			0.9868	0.0132	0.9867	0.9733	0.0932
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6212	0.3788	0.5992	0.1966	0.9150
RT_IOT2022			0.9647	0.0059	0.8498	0.9114	0.0274
satimage			0.8165	0.0612	0.7625	0.7713	0.2334
satimageF			0.9829	0.0171	0.9547	0.9078	0.1457
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.8721	0.1279	0.8729	0.7434	0.5026
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9177	0.0235	0.9262	0.9038	0.0848
segmentation			0.8267	0.1733	0.8087	0.6164	0.6280
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8289	0.1711	0.5810	0.1587	0.7589
sens-5-gram			0.8395	0.1605	0.5776	0.1453	0.7458
sens-6-gram			0.8447	0.1553	0.5483	0.0781	0.7235
sens-7-gram			0.8447	0.1553	0.5585	0.0989	0.7273
sens-8-gram			0.8316	0.1684	0.5762	0.1473	0.7577
sens-9-gram			0.8500	0.1500	0.5848	0.1486	0.7156
sensorless			0.6063	0.0716	0.6046	0.5670	0.3668
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8775	0.1225	0.7206	0.3685	0.4936

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
shuttle			0.9369	0.0180	0.6276	0.8085	0.4168
sick			0.9655	0.0345	0.8459	0.6799	0.3545
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9295	0.0705	0.9045	0.8020	0.4324
skin10%			0.9334	0.0666	0.9080	0.8109	0.4214
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.7895	0.2105	0.7889	0.5778	0.6844
smoking			0.7450	0.2550	0.7357	0.4681	0.7582
soil_pollution			0.1467	0.3413	0.1228	-0.0748	0.6733
solar-flare			0.7194	0.0935	0.6564	0.6384	0.1915
sonar			0.4000	0.6000	0.3902	-0.2000	1.0000
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9395	0.0605	0.7902	0.5458	0.4029
spambase			0.9130	0.0870	0.9091	0.8147	0.3704
spect			0.8148	0.1852	0.7168	0.4304	0.7152
spectf			0.8286	0.1714	0.7900	0.5800	0.6541
spectrometer			0.2115	0.0584	0.1244	0.1695	0.2679
splice-EI			0.9590	0.0410	0.9488	0.8952	0.2904
splice-IE			0.9085	0.0915	0.8728	0.7456	0.4757
sport-articles			0.8600	0.1400	0.8478	0.6928	0.5387
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			0.3548	0.6452	0.2619	0.0000	0.5097
steel_industry			0.7112	0.1925	0.6351	0.5225	0.4649
steel-b			0.8256	0.1744	0.7113	0.4118	0.6926
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9795	0.0205	0.9685	0.9371	0.1800
steel-o			0.7590	0.2410	0.7248	0.3973	0.6417
steel-p			0.9128	0.0872	0.6038	0.1576	0.5801
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9538	0.0462	0.8788	0.7549	0.4647
stellar			0.9134	0.0577	0.9042	0.8417	0.2226
stock			0.9097	0.0903	0.8381	0.6702	0.4796
stockb			0.9736	0.0176	0.9745	0.9604	0.0601
streaming			0.8020	0.1980	0.7999	0.5998	0.6631
stress			0.8730	0.0508	0.8984	0.8411	0.0987
student-lifestyle			0.6150	0.1540	0.3216	0.3562	0.4034
student-depression			0.8358	0.1642	0.8296	0.6563	0.5869
student-habits			0.4000	0.2400	0.1993	0.0351	0.4035
student-weekend			0.3692	0.2523	0.1569	0.0414	0.5271
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6154	0.2564	0.6420	0.3868	0.4512
susy			0.7867	0.2133	0.7882	0.5626	0.6488
susy1%			0.7910	0.2090	0.7920	0.5719	0.6456
susy10%			0.7898	0.2102	0.7905	0.5698	0.6507
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8935	0.1065	0.8584	0.6998	0.4074
texture			0.9945	0.0010	0.9943	0.9940	0.0086
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.6769	0.3239	0.4864
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8968	0.1032	0.8626	0.7252	0.5089

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tis10%			0.7612	0.2388	0.6718	0.3433	0.7893
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.1000	0.5250	0.6364	0.1042
tox_171			0.8824	0.0588	0.9083	0.8440	0.0951
toxicity			0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.9024	0.0217	0.7192	0.8783	0.0628
trec12-wc			0.9032	0.0242	0.9196	0.8821	0.0667
trec21-wc			0.9697	0.0121	0.7958	0.9345	0.0286
trec23-wc			0.7619	0.0794	0.7513	0.6769	0.2008
trec31-wc			0.9785	0.0072	0.9672	0.9713	0.0306
trec41-wc			0.8977	0.0205	0.7730	0.8739	0.0983
trec45-wc			0.8406	0.0319	0.7502	0.8139	0.1467
tuandromd			0.9731	0.0269	0.9577	0.9151	0.1965
turkish			0.8000	0.1000	0.7970	0.7333	0.2083
tvnews			0.8923	0.1077	0.8842	0.7684	0.4714
tvnews1%			0.9231	0.0769	0.9169	0.8334	0.3669
tvnews10%			0.8913	0.1087	0.8820	0.7630	0.4627
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8209	0.0398	0.8491	0.7907	0.1447
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.9915	0.0085	0.7404	0.4666	0.4489
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7619	0.1190	0.7501	0.6833	0.1914
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.4747	0.0955	0.4611	0.4222	0.2499
vowelZ			0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17			0.9092	0.0908	0.6125	0.0036	0.2193
wap-wc			0.8205	0.0179	0.6206	0.7991	0.1129
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.2844	0.2045	0.3060	0.1765	0.4695
watch-acc1%			0.2352	0.2185	0.1344	0.1187	0.4178
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1523	0.2422	0.0378	0.0000	0.4014
watch-gyr1%			0.2473	0.2150	0.1468	0.1275	0.3807
watch-gyr10%			0.2779	0.2063	0.2116	0.1578	0.4111
water_pollution			0.2467	0.3767	0.0989	0.0000	0.4046
waveform			0.8600	0.0933	0.8601	0.7900	0.3331
weather-related			0.9596	0.0073	0.9592	0.9542	0.0545
web-phishing			0.8000	0.1333	0.5508	0.6227	0.3366
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.3794	0.2483	0.4498	0.2369	0.5985
white-clover			0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9731	0.0269	0.8410	0.6693	0.3467
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5912	0.1363	0.2167	0.3059	0.3169
winequality-white			0.5031	0.1656	0.2677	0.1810	0.3677
winnipeg			0.9875	0.0036	0.9785	0.9842	0.0419
winnipeg10%			0.9880	0.0034	0.9786	0.9849	0.0312
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yale			0.8125	0.0250	0.7467	0.7983	0.0412
yeast			0.4730	0.1171	0.3125	0.3213	0.4545
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.7155	0.4272	0.5783
yeastME1			0.9459	0.0541	0.6689	0.3084	0.5504
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9333	0.0133	0.9270	0.9253	0.1030

Table 145: Detailed results for PAM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1542	0.0806	0.0829	0.0658	0.4696
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7840	0.2160	0.6854	0.1647	0.3750
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7143	0.1143	0.2141	0.1719	0.2066
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6605	0.3395	0.6386	0.0505	0.4712
anneal		0.8090	0.0764	0.3776	0.4596	0.1451
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8025	0.0987	0.5734	0.6439	0.3807
anuran-genus		0.8025	0.0494	0.4569	0.6830	0.2828
anuran-species		0.8944	0.0211	0.7082	0.8512	0.1182
anxiety		0.0750	0.2056	0.0416	-0.0483	0.6595
apple-quality		0.6350	0.3650	0.6353	0.2700	0.8940
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia		0.6667	0.0667	0.5940	0.4735	0.3643
auction		0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.9091	0.0165	0.9380	0.8922	0.0462
audit-risk		0.8462	0.1538	0.8499	0.6561	0.3558
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.5500	0.1800	0.5988	0.4175	0.3987
avila		0.4097	0.0984	0.1038	0.0017	0.3889
babies		0.3952	0.1728	0.1246	0.0284	0.3828
balance		0.8871	0.0753	0.6113	0.7879	0.2115
bank		0.8910	0.1090	0.7163	0.4318	0.6512
banknote		0.8102	0.1898	0.8106	0.6069	0.5995
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8525	0.1475	0.8420	0.6560	0.4488
basehock		0.9497	0.0503	0.9501	0.8995	0.2604
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.7143	0.2857	0.6845	0.3505	0.7831
biomed		0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5164	0.2418	0.5060	0.3552	0.6170
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.8667	0.1333	0.8429	0.6364	0.3064
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
card		0.8551	0.1449	0.8510	0.6968	0.5304
cardiotocography		0.6901	0.0620	0.5802	0.6190	0.2847
cardiotocography-nsp		0.8310	0.1127	0.6497	0.4339	0.4508
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6500	0.2333	0.5017	0.3061	0.6547
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.6062	0.3938	0.6048	0.2095	0.9226
cas_N6512_RDkit_AtomPair_FP		0.6104	0.3896	0.6055	0.2099	0.9192
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.6000	0.4000	0.6009	0.2009	0.9242
cas_N6512_rdkit_FEATMORGAN		0.6836	0.3164	0.6858	0.3690	0.8337
cas_N6512_RDkit_Featmorgan_FP		0.7347	0.2653	0.7395	0.4728	0.7549
cas_N6512_RDkit_FP		0.6304	0.3696	0.6278	0.2555	0.9013
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.6482	0.3518	0.6546	0.3031	0.8621
cas_N6512_RDkit_MACCS_FP		0.6580	0.3420	0.6698	0.3264	0.8321
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.6338	0.3662	0.6392	0.2737	0.8805
cas_N6512_RDkit_pattern_FP		0.6518	0.3482	0.6626	0.3137	0.8431
cas_N6512_rdkit_RDKITFP		0.6237	0.3763	0.6214	0.2428	0.9075
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7306	0.2694	0.7287	0.4467	0.7557
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S		0.9070	0.0930	0.6589	0.2893	0.6085
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	-0.0001	0.2293
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8876	0.1124	0.7444	0.3388	0.2480
ci900367j_MACCS		0.6632	0.3368	0.6462	0.2920	0.8691
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4659	0.3406	0.4071
cjs		0.9214	0.0262	0.9058	0.9042	0.1038
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7639	0.1181	0.4250	0.6074	0.2467
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4694	0.3537	0.4457	0.0865	0.5074
cnae-9		0.9352	0.0144	0.9429	0.9271	0.0682
codon_usage		0.6009	0.0726	0.3929	0.5063	0.3942
coil20		0.9167	0.0083	0.9244	0.9123	0.0499
college		0.9091	0.0909	0.8822	0.7601	0.4164
collins		0.9800	0.0027	0.9249	0.9780	0.0067
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.4955	-0.0063	0.8798
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.8966	0.1034	0.8560	0.6692	0.2534
column-2c		0.7742	0.2258	0.7459	0.3673	0.4011
column-3c		0.7419	0.1720	0.7120	0.5649	0.3534
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7885	0.2115	0.7887	0.5770	0.6843
coupon		0.6420	0.3580	0.6272	0.2476	0.8823
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9021	0.0979	0.7885	0.5767	0.5882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9299	0.0701	0.4818	-0.0005	0.2032
crabs		0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.7779	0.0740	0.4412	0.4075	0.2007
cryotherapy		0.7778	0.2222	0.8000	0.5263	0.4308
cultivars		0.2188	0.0391	0.1750	0.2040	0.1134
cybersecurity		0.1800	0.2733	0.0887	0.0040	0.5238
cyclopentane		0.7037	0.2963	0.7105	0.3684	0.6911
cylinder-bands		0.7037	0.2963	0.7128	0.3425	0.6183
darwin		0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8027	0.1973	0.6581	0.2125	0.5690
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8881	0.1119	0.6416	0.1117	0.3744
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5333	0.4074	0.2614
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6250	0.2500	0.4798	0.4000	0.3890
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.7885	0.2115	0.7789	0.5573	0.6959
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.7833	0.1083	0.6229	0.6911	0.2192
diamonds_all		0.4974	0.2010	0.3761	0.2309	0.4239
dishonest		0.9062	0.0938	0.8927	0.7624	0.2534
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih		0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5748	0.4252	0.5714	0.1255	0.8977
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.6930	0.2047	0.5167	0.4375	0.3621
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0979	0.0089	0.2924
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.1637	0.2419	0.3586
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5798	0.1201	0.1370	0.0540	0.3257
drug-14		0.5745	0.1216	0.1515	0.0232	0.2589
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5479	0.1292	0.1549	0.1073	0.2951

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-17		0.3936	0.1733	0.1421	0.1393	0.4160
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9037	0.0275	0.9120	0.8834	0.1468
ecoli		0.7647	0.0784	0.5720	0.6557	0.1499
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.6895	0.1779	0.3716
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce		0.2500	0.3750	0.2507	-0.0004	0.8609
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5587	0.4413	0.5402	0.0284	0.7010
eeg10%		0.2657	0.0918	0.1954	0.1795	0.5981
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5068	0.1973	0.5168	0.3716	0.5004
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc		0.6220	0.0445	0.6264	0.5734	0.3256
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5686	0.4314	0.5536	0.1010	0.9402
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.8654	0.0673	0.8244	0.8133	0.1958
gas		0.6283	0.1239	0.6527	0.5541	0.3878
gastrointestinal		0.5000	0.3333	0.4299	0.2195	0.4801
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.8391	0.1073	0.8280	0.7262	0.3002
german		0.7000	0.3000	0.6513	0.2042	0.6475
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
glass		0.6190	0.1270	0.5239	0.4510	0.2181
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP		0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8690	0.1310	0.8679	0.7339	0.5168
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.4750	0.2683	0.5559
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.4490	0.2204	0.4309	0.2815	0.6498
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7633	0.0676	0.3881	0.6143	0.1453
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.2500	0.5000	0.1860	-0.2549	0.6546
hcc-survival		0.5882	0.4118	0.5662	0.1314	0.9439

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.8387	0.1613	0.8409	0.6681	0.5327
heart-c		0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure		0.7340	0.2660	0.6854	0.2020	0.4660
heart-quantum		0.8600	0.1400	0.8534	0.7009	0.5176
hepatitis		0.9333	0.0667	0.8929	0.7619	0.1858
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.7692	0.2308	0.4348	0.0000	0.3833
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6055	0.3945	0.6145	0.1782	0.7935
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1741	0.1139	0.3075
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8600	0.1400	0.7161	0.2731	0.3420
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6667	0.2222	0.6367	0.3983	0.4453
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.4395	0.3737	0.4320	0.1560	0.7748
htru2		0.9637	0.0363	0.8819	0.7380	0.1616
hypothyroid		0.9231	0.0385	0.4017	0.2935	0.1687
hypothyroidT		0.9337	0.0663	0.7163	0.2280	0.1682
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere		0.8000	0.2000	0.7559	0.4990	0.6704
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9600	0.0400	0.9613	0.9196	0.1967
jm1		0.8053	0.1947	0.5815	0.0782	0.5936
jvowels		0.7902	0.0466	0.7799	0.7606	0.2167
kc1		0.8104	0.1896	0.6131	0.2241	0.7681
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.9868	0.0020	0.7077	0.9777	0.0931
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.7709	0.1527	0.6917	0.6105	0.2781
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2285	0.0857	0.0602	0.0895	0.3986
krvskp		0.9122	0.0878	0.9126	0.8235	0.3848
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6176	0.0332	0.5743	0.5985	0.1009
led24		0.7000	0.0667	0.7217	0.6581	0.1683
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.5635	0.0336	0.5611	0.5461	0.3652
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
libra		0.6389	0.0481	0.6607	0.6123	0.1498
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6765	0.3235	0.4035	0.0000	0.4580
loan		0.7752	0.2248	0.7673	0.4650	0.5248
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.3750	0.1136	0.1188	0.1039	0.4256
lrs		0.7358	0.0755	0.5630	0.6460	0.2837
lung		0.9048	0.0381	0.9344	0.8359	0.1342
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.5556	0.4444	0.3571	0.0000	0.5164
lymphography		0.7857	0.1429	0.8456	0.6147	0.3285
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.9043	0.0957	0.9011	0.8021	0.4231
madelon		0.6231	0.3769	0.6231	0.2462	0.9072
magic04		0.7223	0.2777	0.7023	0.2590	0.4853
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8347	0.6671	0.5906
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.5941	0.2706	0.6001	0.3626	0.4597
math		0.8250	0.0875	0.7899	0.7211	0.2203
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.5826	0.4174	0.5863	0.1699	0.9281
meter-A		0.3750	0.6250	0.4248	-0.1111	0.9210
meter-B		0.8889	0.0741	0.8889	0.8302	0.1290
meter-C		0.6667	0.1667	0.7585	0.5385	0.2816
meter-D		0.6111	0.1944	0.4983	0.4350	0.3043
mfeat-fac		0.9000	0.0200	0.9007	0.8889	0.1140
mfeat-fou		0.7100	0.0580	0.7097	0.6778	0.2412
mfeat-kar		0.9300	0.0140	0.9311	0.9222	0.0810
mfeat-mor		0.6850	0.0630	0.6878	0.6500	0.2137
mfeat-pix		0.9300	0.0140	0.9301	0.9222	0.0805
mfeat-zer		0.7400	0.0520	0.7386	0.7111	0.2280
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.6887	0.2075	0.5223	0.4944	0.3837
mines		0.3824	0.2471	0.3002	0.2145	0.4055
mobile		0.7133	0.0102	0.7339	0.7080	0.1231
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.8393	0.1607	0.8490	0.6753	0.4902
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.8856	0.1144	0.8931	0.7692	0.3737
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.6643	0.3357	0.6522	0.3040	0.8695
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.6547	0.3453	0.6524	0.3030	0.8679
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.6623	0.3377	0.6616	0.3204	0.8568
MUT_ci300400a_rdkit_descriptors		0.6591	0.3409	0.6532	0.3062	0.8712
myocardial		0.8765	0.0309	0.3353	0.4277	0.2132
naticusdroid		0.9096	0.0904	0.9097	0.8193	0.4036
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8508	0.0157	0.1671	0.5725	0.2735
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
newspop		0.6239	0.3761	0.6201	0.2326	0.8915
NHANES_age_prediction		0.8414	0.1586	0.4569	0.0000	0.3047
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.8573	0.0714	0.6534	0.7882	0.1771
obesity		0.5924	0.1165	0.5792	0.5234	0.3858
obs		0.6481	0.1759	0.6773	0.5012	0.4580
occupancy		0.9528	0.0472	0.9323	0.8633	0.2764
Occupancy_Estimation		0.9526	0.0237	0.8646	0.8486	0.0993
oh0-wc		0.8911	0.0218	0.8985	0.8755	0.1095
oh10-wc		0.7524	0.0495	0.6860	0.7170	0.2145
oh15-wc		0.8478	0.0304	0.8476	0.8271	0.1541
oh5-wc		0.8791	0.0242	0.8930	0.8631	0.1166
olive		0.8947	0.0234	0.8148	0.8686	0.0670
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9093	0.0181	0.9140	0.8991	0.1182
optdigitsZ		0.9893	0.0107	0.9678	0.9353	0.2008
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7577	0.2423	0.7476	0.4885	0.7333
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8625	0.7160	0.5090
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9122	0.0351	0.5226	0.2448	0.2518
parkinson		0.8750	0.1250	0.8700	0.7371	0.4905
parkinsons		0.6540	0.3460	0.6542	0.1064	0.4790
parkinsons-small		0.8421	0.1579	0.8114	0.6175	0.6233
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.7731	0.2269	0.7075	0.2578	0.4263
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		0.9900	0.0100	0.9843	0.9682	0.0455
pd		0.7500	0.2500	0.6843	0.3667	0.7827
pediatric-leukemia		0.7353	0.0756	0.7223	0.6752	0.2582
pendigits		0.8289	0.0342	0.8348	0.8099	0.1824
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.7988	0.2012	0.7847	0.5694	0.6809
personalities		0.0627	0.1172	0.0074	0.0000	0.4134

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pet-adoption			0.7500	0.2500	0.7159	0.3067	0.4931
phishing			0.9429	0.0571	0.9399	0.8792	0.2902
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.4579	0.1549	0.3982	0.3607	0.5013
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.5564	0.1268	0.4973	0.4767	0.3562
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7167	0.2833	0.4175	0.0000	0.4290
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6053	0.3947	0.5288	0.0138	0.6514
pirvision			0.9765	0.0157	0.9539	0.9221	0.0799
placement			0.7830	0.2170	0.7775	0.5550	0.7010
plant-growth			0.8421	0.1579	0.8427	0.6816	0.5635
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7449	0.2551	0.7148	0.4264	0.7731
popularity			0.6343	0.2438	0.3958	0.0299	0.4181
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6373	0.2647	0.8720
prestige			0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor			0.3939	0.0932	0.2654	0.3217	0.2871
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7015	0.2985	0.6633	0.1184	0.4472
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.6898	0.1241	0.6042	0.5652	0.2743
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9705	0.0295	0.9065	0.7967	0.1323
raisin			0.8444	0.1556	0.8500	0.6889	0.5288
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.7651	0.0188	0.7125	0.7308	0.1834
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.9802	0.0198	0.9802	0.9599	0.1136
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5994	0.4006	0.6215	0.0210	0.5015
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.7698	0.0767	0.7447	0.7171	0.2865
satimageF			0.9798	0.0202	0.9461	0.8896	0.1561

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.5714	0.1714	0.4978	0.4474	0.2143
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.5944	0.1765	0.9011
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.8658	0.0383	0.8768	0.8430	0.1615
segmentation			0.7574	0.2426	0.7382	0.4761	0.7537
segmentO			0.8528	0.1472	0.4603	0.0000	0.2903
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8646	0.1354	0.6855	0.2153	0.3967
shuttle			0.8871	0.0323	0.5696	0.6036	0.1870
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.8640	0.1360	0.8775	0.7261	0.3626
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1833	0.3267	0.1044	-0.0294	0.5535
solar-flare			0.7482	0.0839	0.6532	0.6770	0.2205
sonar			0.5500	0.4500	0.5525	0.1000	0.9473
soybean			0.9412	0.0062	0.9491	0.9357	0.0448
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8652	0.1348	0.8605	0.7065	0.4620
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.7429	0.2571	0.6947	0.3883	0.7880
spectrometer			0.3846	0.0456	0.2873	0.3505	0.1767
splice-EI			0.8549	0.1451	0.8026	0.5250	0.3095
splice-IE			0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles			0.7600	0.2400	0.7491	0.4964	0.7406
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.6909	0.2061	0.6594	0.5158	0.5422
steel-b			0.7744	0.2256	0.6026	0.1901	0.7899
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9590	0.0410	0.9356	0.8693	0.2472
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8264	0.1736	0.6270	0.1796	0.6195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stockb			0.8150	0.1233	0.8205	0.7226	0.2999
streaming			0.7800	0.2200	0.7781	0.5468	0.6766
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6250	0.1500	0.2765	0.3589	0.3279
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3692	0.2523	0.1611	0.0747	0.5741
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6154	0.2564	0.5746	0.3981	0.4288
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7160	0.2840	0.7170	0.4136	0.7523
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
tae			0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn			0.8679	0.1321	0.8226	0.6372	0.5403
texture			0.7509	0.0453	0.7621	0.7258	0.2202
theorem			0.7430	0.2570	0.7375	0.4389	0.6777
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7059	0.1471	0.7208	0.6101	0.2469
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.5366	0.1030	0.4994	0.4533	0.2858
trec12-wc			0.4839	0.1290	0.7034	0.4123	0.2171
trec21-wc			0.8182	0.0727	0.5543	0.5159	0.1425
trec23-wc			0.6190	0.1270	0.6654	0.5015	0.2520
trec31-wc			0.8065	0.0645	0.7594	0.7385	0.2123
trec41-wc			0.8068	0.0386	0.6690	0.7558	0.1610
trec45-wc			0.6232	0.0754	0.6905	0.5630	0.1959
tuandromd			0.9596	0.0404	0.9393	0.8778	0.3136
turkish			0.8250	0.0875	0.8273	0.7667	0.2090
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8462	0.1538	0.8325	0.6548	0.5435
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7164	0.0630	0.7519	0.6678	0.2111
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.4405	0.2798	0.4431	0.2590	0.6369
vehicleVAN			0.7500	0.2500	0.6090	0.1923	0.7864
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9070	0.0930	0.9069	0.8139	0.4119
vowel			0.4848	0.0937	0.5288	0.4333	0.2656
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.5385	0.0923	0.3878	0.4800	0.1440
warppie10p			0.5714	0.0857	0.5915	0.5251	0.2017
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc1%			0.4228	0.1649	0.4271	0.3180	0.5188
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.3397	0.1887	0.2994	0.2193	0.4657
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8120	0.1253	0.8267	0.7180	0.3234
web-phishing			0.7704	0.1531	0.5299	0.5606	0.3554
Weekly			0.8519	0.1481	0.8629	0.6897	0.3632
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.8333	0.1667	0.8537	0.6667	0.4644
wifi-loc			0.9700	0.0150	0.9708	0.9600	0.0610
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5409	0.1530	0.1987	0.2224	0.3733
winequality-white			0.4663	0.1525	0.1458	0.0598	0.3335
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.7500	0.0333	0.7496	0.7322	0.0603
yeast			0.3784	0.1381	0.2758	0.1822	0.3979
yeastCYT-POX			0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 146: Detailed results for PARRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1079	0.0615	0.0952	0.0274	0.5515
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9850	0.0150	0.7313	0.2692	0.0534
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8000	0.2000	0.4444	-0.0357	0.6563
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8873	0.1127	0.8394	0.6688	0.4840
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8857	0.0457	0.6352	0.7360	0.1305
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9581	0.0419	0.9540	0.9076	0.2319
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9805	0.0097	0.9453	0.9627	0.0473
anuran-genus		0.9889	0.0028	0.9658	0.9817	0.0497
anuran-species		0.9833	0.0033	0.9722	0.9768	0.0231
anxiety		0.1083	0.1981	0.1052	-0.0041	0.8153
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.8222	0.0273	0.4731	0.7150	0.1416
auction		0.9951	0.0049	0.9889	0.9776	0.0238
audiology		0.6522	0.0290	0.2378	0.6051	0.0508
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.9952	0.0008	0.9927	0.9938	0.0126
babies		0.3952	0.1728	0.1631	0.0673	0.5536
balance		0.9032	0.0645	0.6277	0.8205	0.2499
bank		0.9116	0.0884	0.7707	0.5407	0.5903
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8963	0.1037	0.8879	0.7654	0.3882
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.9048	0.0952	0.8990	0.7981	0.4308
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%		0.0024	0.0688	0.0561	0.0024	0.1637
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9770	0.0115	0.9673	0.9511	0.0705
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography		0.8732	0.0254	0.8727	0.8476	0.1397
cardiotocography-nsp		0.9484	0.0344	0.8995	0.8532	0.1969
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8750	0.0833	0.8298	0.7765	0.2685
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.8215	0.1785	0.8222	0.6428	0.6188
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.8052	0.1948	0.8059	0.6102	0.6509
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8187	0.1813	0.8051	0.6092	0.6464
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7880	0.5456	0.3722
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6452	0.1861	0.4017
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%		0.9995	0.0005	0.8830	0.7645	0.3109
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8530	0.1470	0.7487	0.4779	0.6100
churn-bigml		0.9813	0.0187	0.9618	0.9207	0.0708
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7857	0.1429	0.5388	0.5521	0.3151
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8287	0.0856	0.6765	0.7336	0.3966
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5646	0.2902	0.5457	0.3206	0.6826
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.9279	0.0131	0.7785	0.9120	0.0970
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9481	0.0519	0.9345	0.8690	0.3129
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7931	0.2069	0.7635	0.4942	0.6155
colposcopies-2		0.7241	0.2759	0.6954	0.3696	0.7628
colposcopies-3		0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8276	0.1724	0.7767	0.5511	0.6703
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.8387	0.1075	0.7853	0.7359	0.2503
connect-4		0.9864	0.0091	0.7161	0.6150	0.1847
cottonmeloidogyne		0.7861	0.2139	0.7861	0.5721	0.6899
coupon		0.7815	0.2185	0.7757	0.5492	0.6965
covid19		0.3638	0.1818	0.0762	0.0000	0.2356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.9071	0.0266	0.8459	0.8490	0.2122
covtypeCD		0.9930	0.0070	0.9852	0.9702	0.0764
covtypeT		0.9868	0.0132	0.9479	0.8954	0.2030
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced		0.9475	0.0175	0.8645	0.8903	0.1163
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.7500	0.0125	0.5600	0.7425	0.0315
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1700	0.2767	0.1568	-0.0028	0.8149
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.7778	0.2222	0.7710	0.5404	0.7057
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8220	0.1780	0.7062	0.3807	0.6542
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9075	0.0925	0.7605	0.5178	0.5913
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.9730	0.0090	0.9729	0.9662	0.0254
desharnais		0.6250	0.2500	0.6364	0.3684	0.5443
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.8125	0.1250	0.8268	0.7108	0.3168
DIA		0.8833	0.1167	0.8416	0.6316	0.2737
diabetes		0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5882	0.2745	0.3818	0.1810	0.4929
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7970	0.0812	0.7916	0.7128	0.3088
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5689	0.4311	0.5639	0.1236	0.9439
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7810	0.1460	0.7029	0.6215	0.3952
drug-01		0.3723	0.1793	0.1737	0.0252	0.5347
drug-02		0.4947	0.1444	0.2351	0.0764	0.5794
drug-03		0.6968	0.0866	0.1814	0.0633	0.2373
drug-04		0.5160	0.1383	0.2053	0.0636	0.5559
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.2737	0.2591	0.4868
drug-07		0.4149	0.1672	0.1269	0.0193	0.4312
drug-08		0.5638	0.1246	0.2138	0.1341	0.3918
drug-09		0.8723	0.0365	0.1960	0.0699	0.1044
drug-10		0.5585	0.1261	0.1876	0.1792	0.4928
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1689	0.2252	0.3237
drug-14		0.6011	0.1140	0.3058	0.3155	0.5529
drug-15		0.7606	0.0684	0.1543	0.0434	0.2402
drug-16		0.5957	0.1155	0.2703	0.2966	0.3848
drug-17		0.3777	0.1778	0.1747	0.1368	0.5742
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1248	0.0161	0.1589
drybean		0.9243	0.0216	0.9391	0.9084	0.1226
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.2766	0.0284	0.8154
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.9206	0.0794	0.9198	0.8387	0.3633
eeg10%		0.4772	0.0654	0.4482	0.4172	0.5012
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6849	0.1260	0.6679	0.5924	0.3084
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9631	0.0369	0.9631	0.9258	0.2066
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.8211	0.0210	0.7371	0.7944	0.1056
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7451	0.2549	0.7426	0.4751	0.7349
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8125	0.0625	0.8486	0.7659	0.1160
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9038	0.0481	0.8906	0.8669	0.1249
gas		0.9978	0.0007	0.9979	0.9974	0.0050
gastrointestinal		0.8750	0.0833	0.8741	0.7949	0.2147
gender		0.6042	0.2639	0.4703	0.1398	0.5261
gene		0.9432	0.0379	0.9364	0.9092	0.1686
german		0.7000	0.3000	0.6432	0.2519	0.7851
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9597	0.0403	0.9597	0.9193	0.2269
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8095	0.0635	0.7796	0.7423	0.2203
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8813	0.7590	0.4804
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.5333	0.2333	0.5707	0.3713	0.4924
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.8000	0.2000	0.7266	0.4444	0.7074
hapt		0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har		0.9964	0.0014	0.9960	0.9955	0.0099
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.9296	0.0201	0.5703	0.8954	0.1103
har7010%		0.9320	0.0194	0.6443	0.8984	0.1021
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.8768	0.0205	0.5917	0.8315	0.1835
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.8065	0.1935	0.8096	0.6141	0.6376
heart-c		0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.8587	0.1413	0.8593	0.7174	0.5358
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.7136	0.2864	0.7122	0.4244	0.8037
higgs1%		0.7219	0.2781	0.7204	0.4407	0.7922
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1591	0.0610	0.3663
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8887	0.1113	0.7825	0.5495	0.5431
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6944	0.2037	0.6749	0.4438	0.4968
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9989	0.0007	0.9990	0.9984	0.0058
htru2		0.9793	0.0207	0.9363	0.8720	0.2411
hypothyroid		0.9947	0.0027	0.7387	0.9684	0.0764
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.7458	0.2542	0.6504	0.2643	0.7483
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9127	0.0067	0.9167	0.9092	0.0738
jm1		0.8246	0.1754	0.6580	0.2477	0.6181
jvowels		0.9819	0.0040	0.9799	0.9795	0.0305
kc1		0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot		0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect		0.6429	0.0298	0.0341	0.1139	0.1206
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8269	0.1731	0.7038	0.3777	0.6558
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9986	0.0002	0.8272	0.9976	0.0015
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.8891	0.0123	0.8872	0.8762	0.1512
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.4706	0.0265	0.2541	0.4506	0.0669
led24		0.6500	0.0700	0.6364	0.6078	0.1652
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9665	0.0026	0.9661	0.9651	0.0390
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8333	0.0222	0.8332	0.8212	0.0626
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0001
liver		0.7647	0.2353	0.7202	0.4357	0.7504
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.6984	0.0548	0.4416	0.6131	0.4266
lrs		0.8302	0.0340	0.4363	0.7650	0.1315
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.8577	0.1423	0.8577	0.7154	0.5425
magic04		0.8832	0.1168	0.8701	0.7381	0.4833
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8556	0.7087	0.5431
marketing		0.9018	0.0982	0.7768	0.5110	0.4530
maternal		0.8317	0.1122	0.8360	0.7443	0.3645
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2633	0.2947	0.2657	0.0780	0.8302
messidor		0.6696	0.3304	0.6673	0.3338	0.8560
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac		0.9750	0.0050	0.9757	0.9722	0.0312
mfeat-fou		0.8250	0.0350	0.8268	0.8056	0.1466
mfeat-kar		0.9700	0.0060	0.9712	0.9667	0.0375
mfeat-mor		0.6850	0.0630	0.6821	0.6500	0.2069
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.8050	0.0390	0.8046	0.7833	0.1055
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5281	0.4463	0.4448
mobile		0.9860	0.0005	0.9873	0.9858	0.0065
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9636	0.0364	0.9283	0.8460	0.1173
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7806	0.2194	0.7719	0.5404	0.6971
MUT_ci300400a_cdk_EXTENDED		0.8657	0.1343	0.8619	0.7239	0.5297
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.8609	0.1391	0.8574	0.7147	0.5417
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.8722	0.1278	0.8697	0.7392	0.5126
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9727	0.0273	0.9727	0.9454	0.1688
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.9211	0.0083	0.5820	0.7801	0.2861
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6713	0.3287	0.6686	0.3356	0.8544
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5000	0.3333	0.3157	-0.0031	0.5510
nursery		0.9992	0.0003	0.7995	0.9989	0.0024
obesity		0.9763	0.0068	0.9765	0.9723	0.0313
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation		0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc		0.9307	0.0139	0.9347	0.9205	0.0671
oh10-wc		0.8095	0.0381	0.8131	0.7822	0.1628
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9275	0.0725	0.7284	0.4155	0.4925
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9555	0.0089	0.9574	0.9505	0.0628
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr		0.9289	0.0711	0.6520	0.1647	0.3724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8505	0.1495	0.8310	0.6608	0.5783
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9854	0.0059	0.9371	0.9169	0.1082
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons			0.9242	0.0758	0.9191	0.8365	0.3496
parkinsons-small			0.9474	0.0526	0.9399	0.8725	0.3145
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.9269	0.0731	0.9090	0.8180	0.3871
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.6644	0.2997	0.5774
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9211	0.0789	0.8939	0.7647	0.2161
pediatric-leukemia			0.7353	0.0756	0.6545	0.6738	0.2201
pendigits			0.9918	0.0016	0.9918	0.9909	0.0142
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9400	0.0600	0.9319	0.8600	0.2695
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.9005	0.0284	0.8943	0.8837	0.1133
phone-acc1%			0.9705	0.0084	0.9680	0.9655	0.0443
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.9261	0.0211	0.9195	0.9136	0.0936
phone-gyr1%			0.9650	0.0100	0.9613	0.9591	0.0487
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9222	0.0778	0.9030	0.8054	0.3945
phy			0.7144	0.2856	0.7144	0.4287	0.8017
pima			0.7105	0.2895	0.6871	0.3569	0.7863
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.6316	0.3684	0.6292	0.2570	0.8973
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.6146	0.0771	0.1492	0.2702	0.2516
poker10%			0.6927	0.0768	0.2330	0.4218	0.2344
polish-1st			0.9659	0.0341	0.6954	0.2409	0.2550
polish-2nd			0.9617	0.0383	0.6647	0.2754	0.4747
polish-3rd			0.9467	0.0533	0.4863	-0.0103	0.4762
polish-4th			0.9602	0.0398	0.7646	0.4995	0.4276
polish-5th			0.9594	0.0406	0.8195	0.6053	0.3147
polya			0.7805	0.2195	0.7539	0.5015	0.7057
popularity			0.6820	0.2120	0.5512	0.2645	0.4535
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9914	0.0034	0.9913	0.9893	0.0244
pred-tox_mutagen_ref-desc			0.7059	0.2941	0.7062	0.4118	0.8115
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2727	0.0661	0.1077	0.1992	0.2434
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.6109	0.2193	0.8789
promoters			0.8000	0.2000	0.8333	0.6154	0.4644
prostate			1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9956	0.0018	0.9923	0.9941	0.0149
puc-rio10%			0.9885	0.0046	0.9765	0.9846	0.0320
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.4942	0.5058	0.4942	-0.0117	1.0000
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
raisin			0.8889	0.1111	0.8893	0.7778	0.4596
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.8533	0.0226	0.7263	0.8027	0.1144
re1-wc			0.8373	0.0130	0.6313	0.8140	0.1136
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.7141	0.2859	0.7035	0.4071	0.8089
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9082	0.0306	0.8950	0.8865	0.1463
satimageF			0.9922	0.0078	0.9801	0.9602	0.1342
satimageT			0.9409	0.0591	0.8154	0.5980	0.3572
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5000	0.5000	0.5000	0.0000	0.9949
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9654	0.0099	0.9705	0.9595	0.0420
segmentation			0.8614	0.1386	0.8489	0.6979	0.5539
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8763	0.1237	0.6559	0.1245	0.3621
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9997	0.0001	0.9997	0.9996	0.0008
sepsis			0.9094	0.0906	0.6567	0.0015	0.2086
shoppers			0.9019	0.0981	0.7995	0.5948	0.5516
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9788	0.0212	0.9093	0.8149	0.2550
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9998	0.0002	0.9997	0.9994	0.0054
skin10%			0.9988	0.0012	0.9981	0.9963	0.0207
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2800	0.3600	0.1881	0.0270	0.5499
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.2096	0.0068	0.8653
solar-flare			0.7626	0.0791	0.6159	0.6932	0.1874
sonar			0.7000	0.3000	0.7185	0.4000	0.7215
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9478	0.0522	0.9453	0.8903	0.2731
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.6923	0.0228	0.6425	0.6736	0.1077
splice-EI			0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE			0.9558	0.0442	0.9411	0.8810	0.3118
sport-articles			0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9181	0.0546	0.8959	0.8667	0.2044
steel-b			0.8923	0.1077	0.8277	0.6473	0.5046
steel-d			0.9846	0.0154	0.8615	0.7194	0.3544
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8256	0.1744	0.8057	0.6108	0.6337
steel-p			0.9282	0.0718	0.7346	0.4622	0.5763
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9949	0.0051	0.9853	0.9701	0.0240
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9306	0.0694	0.8772	0.7503	0.3987
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1741	0.0118	0.4696
student-weekend			0.4154	0.2338	0.2731	0.0818	0.3691
student-workday			0.7344	0.1062	0.2892	0.2418	0.3158
studentap			0.4615	0.3590	0.4579	0.1727	0.6264
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.8012	0.1988	0.8000	0.5955	0.6497
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6082	0.4000	0.6002
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9836	0.0030	0.9847	0.9820	0.0241
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8881	0.1119	0.8417	0.6604	0.4201
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7647	0.2353	0.7536	0.3929	0.4155
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6533	0.3467	0.4620	-0.0726	0.9159
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.9570	0.0143	0.9528	0.9426	0.0590
trec41-wc			0.9432	0.0114	0.8418	0.9307	0.0739
trec45-wc			0.9275	0.0145	0.8431	0.9149	0.0535
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.8250	0.0875	0.8238	0.7667	0.2655
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9231	0.0769	0.9169	0.8320	0.3521
tvnews10%			0.9013	0.0987	0.8930	0.7853	0.4350
ur3_cobotops_grip			0.9769	0.0231	0.7781	0.5041	0.3047
ur3_cobotops_stop			0.9755	0.0245	0.7996	0.5790	0.3800

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
urban			0.8507	0.0332	0.8454	0.8241	0.1306
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7738	0.1131	0.7304	0.6948	0.1810
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6263	0.0680	0.6700	0.5889	0.2083
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7949	0.0205	0.5844	0.7678	0.1215
warpar10p			0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.9850	0.0043	0.9847	0.9825	0.0320
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.9885	0.0033	0.9882	0.9865	0.0257
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2300	0.3850	0.2289	-0.0268	0.8751
waveform			0.8520	0.0987	0.8530	0.7781	0.3395
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8667	0.0889	0.8202	0.7621	0.3817
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9917	0.0083	0.9562	0.9123	0.2103
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6918	0.1027	0.3394	0.4966	0.3354
winequality-white			0.7055	0.0841	0.4270	0.5404	0.3204
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.6014	0.0797	0.4051	0.4842	0.3346
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.9495	0.0101	0.9460	0.9434	0.0823

Table 147: Detailed results for PART(W)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1559	0.0582	0.0914	0.0760	0.5967
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer		0.9828	0.0172	0.6548	0.0962	0.1558
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9756	0.0244	0.9482	0.8950	0.1934
advanced-iot		0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter		0.8651	0.1349	0.5176	0.0343	0.7257
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.7980	0.1347	0.2959	-0.0891	0.6377
AID1284Morered		0.8333	0.1667	0.6516	0.3032	0.7325
AID1284red		0.8056	0.1944	0.5570	0.1127	0.7808
AID1608Morered		0.8932	0.1068	0.5489	0.0972	0.6859
AID1608red		0.8932	0.1068	0.4718	-0.0559	0.6716
AID362red		0.9883	0.0117	0.7381	0.4392	0.3887
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9940	0.0060	0.4985	-0.0030	0.5141
AID644Morered		0.5500	0.4500	0.4886	-0.0227	0.9383
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
aids		0.8545	0.1455	0.8016	0.6031	0.6196
air_pollution		0.2167	0.2238	0.1351	0.0045	0.9145
alcohol		0.8381	0.0648	0.6377	0.6504	0.3979
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.8837	0.1163	0.8718	0.7433	0.4931
anneal		0.9663	0.0135	0.9206	0.9318	0.2177
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family		0.9652	0.0174	0.9111	0.9334	0.1644
anuran-genus		0.9471	0.0132	0.8540	0.9124	0.1923
anuran-species		0.9694	0.0061	0.9311	0.9574	0.0594
anxiety		0.0417	0.2130	0.0415	-0.0770	0.8545
apple-quality		0.8000	0.2000	0.8000	0.6000	0.6644
arabidopsis0.1%		0.9882	0.0118	0.4970	-0.0044	0.5347
arcene		0.7000	0.3000	0.6875	0.3750	0.8278
arrhythmia		0.7778	0.0444	0.6621	0.6614	0.2438
auction		0.9853	0.0147	0.9664	0.9305	0.0577
audiology		0.7826	0.0181	0.3084	0.7489	0.0480
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0400	0.9083	0.8693	0.1058
avila		0.9942	0.0010	0.9925	0.9925	0.0158
babies		0.3871	0.1751	0.1791	0.0785	0.7374
balance		0.7903	0.1398	0.6330	0.6320	0.5086
bank		0.8881	0.1119	0.7214	0.4428	0.6560
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8687	0.1313	0.8559	0.7046	0.4965

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
basehock		0.8844	0.1156	0.8846	0.7689	0.4738
bio		0.9961	0.0039	0.8915	0.7829	0.3712
bio10%		0.9952	0.0048	0.8695	0.7383	0.4184
biodeg		0.8667	0.1333	0.8603	0.7200	0.5345
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9866	0.0012	0.1345	0.2443	0.4423
bitcoin1%		0.9883	0.0008	0.1194	0.3438	0.0712
bitcoin10%		0.9868	0.0024	0.2626	0.2490	0.2984
body-perf		0.7060	0.1470	0.7061	0.6080	0.4636
brain-tumor		0.5010	0.4990	0.5010	0.0020	0.9994
breast-cancer		0.7857	0.2143	0.7375	0.4750	0.7331
breast-cancer-co		0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma		0.3636	0.6364	0.3446	-0.3051	1.0000
breast-tissue		0.6364	0.1212	0.6525	0.5600	0.2067
bridges		0.7000	0.1000	0.6333	0.5714	0.2002
bub10at310k-hg16-17		0.9139	0.0861	0.6890	0.3567	0.5941
bub12at310k-hg16-17		0.9162	0.0838	0.6698	0.2557	0.4799
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4240	0.3840	0.3378	0.0086	0.8167
car		0.9540	0.0230	0.9207	0.9032	0.1368
car-insurance		0.8140	0.1860	0.7857	0.5712	0.6709
card		0.7826	0.2174	0.7760	0.5518	0.7014
cardiotocography		0.8498	0.0300	0.8259	0.8192	0.1722
cardiotocography-nsp		0.9296	0.0469	0.8788	0.8113	0.3283
cardiovascular		0.7289	0.2711	0.7289	0.4577	0.7816
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8000	0.1333	0.7632	0.6487	0.4136
cas_N6512_rdkit_ATOMPAIR		0.6954	0.3046	0.6922	0.3827	0.8254
cas_N6512_RDkit_AtomPair_FP		0.7163	0.2837	0.7136	0.4260	0.7988
cas_N6512_rdkit_AVALON		0.7573	0.2427	0.7561	0.5121	0.7395
cas_N6512_RDkit_Avalon_FP		0.7577	0.2423	0.7571	0.5139	0.7378
cas_N6512_rdkit_descriptors		0.7585	0.2415	0.7590	0.5167	0.7335
cas_N6512_rdkit_FEATMORGAN		0.7665	0.2335	0.7647	0.5292	0.7246
cas_N6512_RDkit_Featmorgan_FP		0.7515	0.2485	0.7513	0.5020	0.7466
cas_N6512_RDkit_FP		0.7347	0.2653	0.7328	0.4656	0.7745
cas_N6512_rdkit_LAYERED		0.7415	0.2585	0.7407	0.4812	0.7631
cas_N6512_RDkit_Layered_FP		0.7377	0.2623	0.7353	0.4695	0.7676
cas_N6512_rdkit_MACCS		0.8003	0.1997	0.7988	0.5956	0.6591
cas_N6512_RDkit_MACCS_FP		0.7761	0.2239	0.7750	0.5499	0.7085
cas_N6512_rdkit_MORGAN		0.7477	0.2523	0.7456	0.4907	0.7541
cas_N6512_RDkit_morgan_FP		0.7347	0.2653	0.7323	0.4635	0.7727
cas_N6512_rdkit_PATTERN		0.7769	0.2231	0.7758	0.5515	0.7071
ccds1%		0.9231	0.0769	0.5134	0.0267	0.6070
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8238	0.1762	0.8099	0.6191	0.6371
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.0441	0.9559	0.0422	0.0000	0.1165
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9335	0.0665	0.6145	0.2277	0.6375
central-nervous-system		0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B		0.9186	0.0814	0.6019	0.1843	0.6364
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S		0.9186	0.0814	0.7723	0.5432	0.6013
children-anemia		0.9140	0.0430	0.9079	0.8712	0.1774
chrom19		0.9997	0.0003	0.9212	0.8314	0.0528
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9992	0.0008	0.8044	0.6057	0.4153
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
chronic-kidney		0.9036	0.0964	0.6417	0.2818	0.6674
churn		0.8350	0.1650	0.7231	0.4376	0.6797
churn-bigml		0.9288	0.0712	0.8443	0.6606	0.3310
ci900367j_MACCS		0.6211	0.3789	0.5932	0.1861	0.9169
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.6613	0.4889	0.5343
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7880	0.1060	0.6539	0.6761	0.4734
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.5000	0.3333	0.5588	0.1628	0.5130
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5442	0.3039	0.5253	0.2819	0.6805
cnae-9		0.9259	0.0165	0.9289	0.9167	0.0819
codon_usage		0.8603	0.0254	0.6721	0.8306	0.2538
coil20		0.9167	0.0083	0.9198	0.9123	0.0556
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2		0.6552	0.3448	0.6841	0.3379	0.7768
colposcopies-3		0.5172	0.4828	0.4898	-0.0201	0.9934
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7241	0.2759	0.5167	0.0333	0.8275
colposcopies-6		0.6897	0.3103	0.6913	0.3741	0.8142
colposcopies-c		0.7586	0.2414	0.6866	0.3715	0.7765
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.8065	0.1290	0.7543	0.6895	0.2733
cottonmeloidogyne		0.7332	0.2668	0.7333	0.4664	0.7750
coupon		0.6979	0.3020	0.6908	0.3814	0.8275
covtype10%		0.8301	0.0485	0.7577	0.7266	0.3358
covtypeCD		0.9871	0.0129	0.9724	0.9447	0.1417
covtypeT		0.9810	0.0190	0.9267	0.8534	0.2975
crabs		0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans		0.9996	0.0004	0.9357	0.8694	0.1630
creditcard_trans10%		0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced		0.9161	0.0280	0.7675	0.8289	0.3100
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.3438	0.0328	0.2450	0.3253	0.1123
customer-churn		0.9840	0.0160	0.7609	0.4926	0.3903
cybersecurity		0.1667	0.2778	0.1633	-0.0011	0.8837
cyclopentane		0.6296	0.3704	0.6326	0.2623	0.8892
cylinder-bands		0.8519	0.1481	0.8512	0.7004	0.5560
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8220	0.1780	0.7041	0.3676	0.6371
defect		0.9599	0.0401	0.9228	0.8372	0.1899
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8910	0.1090	0.7320	0.4639	0.6452
depressed		0.7552	0.2448	0.5391	0.0778	0.8194
dermatology		0.8919	0.0360	0.8930	0.8655	0.1151
desharnais		0.6250	0.2500	0.2778	0.1429	0.3239
dexter		0.8833	0.1167	0.8853	0.7667	0.4597
df_final		0.5625	0.2917	0.6018	0.3086	0.5254
DIA		0.7500	0.2500	0.6446	0.2857	0.8083
diabetes		0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-risk		0.9201	0.0799	0.8725	0.7382	0.4007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
diabetic1%		0.4510	0.3660	0.4045	0.0491	0.7548
diabetic10%		0.4931	0.3379	0.3736	0.1016	0.7886
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7169	0.1132	0.7222	0.6010	0.4045
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.4167	0.5833	0.4286	-0.1351	1.0000
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9043	0.0957	0.7122	0.4237	0.6400
dota210%		0.5155	0.4845	0.5137	0.0275	0.9911
dropout		0.7201	0.1866	0.6431	0.5394	0.5364
drug-01		0.3404	0.1885	0.1635	0.0369	0.6247
drug-02		0.4681	0.1520	0.1968	0.1242	0.7128
drug-03		0.6809	0.0912	0.1989	0.2015	0.3923
drug-04		0.4947	0.1444	0.2128	0.1126	0.6539
drug-05		0.7181	0.0805	0.1530	0.0541	0.3942
drug-06		0.3777	0.1778	0.2401	0.2259	0.6257
drug-07		0.4255	0.1641	0.1651	0.1055	0.5873
drug-08		0.5160	0.1383	0.2107	0.1712	0.5521
drug-09		0.7926	0.0593	0.1661	0.1107	0.5186
drug-10		0.4840	0.1474	0.2139	0.1819	0.7352
drug-11		0.7819	0.0623	0.1938	0.1201	0.6336
drug-12		0.6809	0.0912	0.1765	0.0402	0.7564
drug-13		0.5798	0.1201	0.1751	0.1947	0.5524
drug-14		0.5851	0.1185	0.3484	0.2738	0.5757
drug-15		0.6649	0.0957	0.2320	0.0892	0.7669
drug-16		0.5426	0.1307	0.2392	0.2533	0.5661
drug-17		0.3245	0.1930	0.2819	0.1197	0.7147
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7021	0.0851	0.1355	0.0538	0.5290
drybean		0.9104	0.0256	0.9248	0.8916	0.1455
ecoli		0.7941	0.0515	0.4428	0.7115	0.1176
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3200	0.3400	0.3181	0.0932	0.7957
eeg-eye		0.8051	0.1949	0.8084	0.5958	0.5863
eeg10%		0.2758	0.0905	0.2588	0.1984	0.7616
eucalyptus		0.6438	0.1425	0.6343	0.5467	0.3950
euthyroid		0.9747	0.0253	0.9267	0.8527	0.2759
exon.vs.intron-freq10%		0.9491	0.0509	0.9490	0.8976	0.2648
fakenews		0.5150	0.4850	0.5150	0.0300	0.9913
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.7439	0.0301	0.6508	0.7109	0.2670
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.9075	0.0308	0.6990	0.8552	0.1958
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.6500	0.1000	0.5007	0.5639	0.1883
forest		0.8846	0.0577	0.8756	0.8405	0.1609
gas		0.9813	0.0062	0.9806	0.9773	0.0432
gastrointestinal		0.6875	0.2083	0.7174	0.5000	0.3613
gender		0.5811	0.2793	0.3961	0.1249	0.6246
gene		0.9180	0.0547	0.9076	0.8684	0.2367
german		0.7200	0.2800	0.6785	0.3503	0.8079

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
gestures			0.8527	0.0736	0.8529	0.8036	0.2869
gina			0.9135	0.0865	0.9137	0.8271	0.3909
glass			0.7143	0.0952	0.7075	0.6013	0.2355
glass-g2			0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP			0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP			0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers			1.0000	0.0000	1.0000	1.0000	0.0000
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP			0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM			0.7895	0.2105	0.7933	0.5730	0.6420
gli_85			0.7500	0.2500	0.6667	0.3333	0.7987
glioma			0.6000	0.2667	0.4912	0.4118	0.2946
glioma-grade			0.8929	0.1071	0.8922	0.7823	0.4537
green			0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage			0.4667	0.2667	0.5564	0.2727	0.4729
gsalc			0.8889	0.0370	0.9167	0.8657	0.0530
haberman			0.6667	0.3333	0.5739	0.1477	0.8809
hapt			0.9396	0.0101	0.8324	0.9286	0.0764
har			0.9771	0.0092	0.9757	0.9710	0.0577
har701%			0.9049	0.0272	0.5326	0.8592	0.1207
har7010%			0.9160	0.0240	0.6003	0.8749	0.2421
harth1%			0.8489	0.0252	0.5538	0.7949	0.2918
hayes-roth			0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival			0.7647	0.2353	0.7548	0.4925	0.6907
health-activity			0.6500	0.1750	0.2217	-0.0069	0.5867
heart			0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack			0.8065	0.1935	0.8046	0.6092	0.6543
heart-c			0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure			0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum			0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis			0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%			0.8309	0.1691	0.8318	0.6619	0.5970
hERG-121inputs			1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%			0.6364	0.3636	0.6413	0.2491	0.8149
higgs1%			0.6775	0.3225	0.6811	0.3583	0.8371
higher			0.3571	0.1607	0.2447	0.2317	0.2992
hinselmann			0.8000	0.2000	0.6875	0.3750	0.7500
hitters			0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa			0.9005	0.0995	0.8157	0.6290	0.5428
hiva			0.9551	0.0449	0.6127	0.2178	0.6033
horse			0.6389	0.2407	0.6122	0.3615	0.5853
hotel-reservartions			0.8950	0.1050	0.8798	0.7591	0.4688
hr			0.7649	0.2351	0.5180	0.0360	0.7805
ht-sensor			0.9996	0.0003	0.9996	0.9994	0.0027
ht-sensor10%			0.9969	0.0021	0.9970	0.9953	0.0153
htru2			0.9721	0.0279	0.9156	0.8313	0.3328
hypothyroid			0.9920	0.0040	0.7384	0.9532	0.0786
hypothyroidT			0.9973	0.0027	0.9909	0.9816	0.0997
ilpd			0.6610	0.3390	0.5868	0.1737	0.8848
immuno-therapy			0.8889	0.1111	0.8784	0.7273	0.4644
instagram			0.9727	0.0137	0.9730	0.9636	0.0596
ionosphere			0.9143	0.0857	0.9146	0.8148	0.3671
iris			0.9333	0.0444	0.9333	0.8993	0.1057
irish			0.9800	0.0200	0.9800	0.9592	0.1023
isolet			0.8023	0.0152	0.8053	0.7944	0.1746

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
jm1			0.8099	0.1901	0.6014	0.0878	0.5396
jvowels			0.9177	0.0183	0.9143	0.9067	0.1323
kc1			0.8531	0.1469	0.6436	0.1948	0.5528
kc1-class-level-defectiveornot			0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect			0.5000	0.0417	0.0547	0.1833	0.2758
kc1-class-level-top5percentDF			0.8667	0.1333	0.4643	-0.0714	0.6717
kc2			0.7885	0.2115	0.6724	0.3440	0.7669
kdc-4007			0.6110	0.1112	0.6103	0.5459	0.5137
kddcup981%			0.8737	0.1263	0.4663	-0.0654	0.5984
kepler			0.8776	0.0816	0.8325	0.7985	0.2180
kidney			0.6514	0.1394	0.1952	-0.0073	0.7963
kidney-disease			1.0000	0.0000	1.0000	1.0000	0.0000
krkopt			0.7779	0.0247	0.8107	0.7517	0.2645
krvskp			0.9906	0.0094	0.9906	0.9811	0.0713
la1s-wc			0.8000	0.0667	0.7644	0.7481	0.3286
la2s-wc			0.8245	0.0585	0.8039	0.7775	0.2797
labor			0.8333	0.1667	0.8537	0.6667	0.4644
leaf			0.7353	0.0132	0.4179	0.7226	0.0496
led24			0.5000	0.1111	0.5320	0.4382	0.2433
lenses			1.0000	0.0000	1.0000	1.0000	0.0000
letter			0.8880	0.0086	0.8882	0.8835	0.1309
leukemia			0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2			0.8571	0.1429	0.8750	0.7200	0.4011
libra			0.7778	0.0296	0.8022	0.7616	0.0925
linkage1%			0.9997	0.0003	0.9761	0.9522	0.1296
liver			0.7059	0.2941	0.6808	0.3585	0.8145
loan			0.9859	0.0141	0.9850	0.9700	0.0987
localization10%			0.6371	0.0660	0.3951	0.5417	0.6255
lrs			0.8302	0.0485	0.7487	0.7639	0.1525
lung			0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete			0.8750	0.0500	0.9000	0.8431	0.0660
lung-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1			0.8000	0.0800	0.6543	0.5855	0.2341
lung-cancer-harvard2			0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan			1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario			1.0000	0.0000	1.0000	1.0000	0.0000
lupus			0.8889	0.1111	0.8953	0.7692	0.3145
lymphography			0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2			0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure			0.9362	0.0638	0.9343	0.8685	0.3225
madelon			0.6385	0.3615	0.6386	0.2769	0.8914
magic04			0.8685	0.1315	0.8534	0.6989	0.4968
malware			1.0000	0.0000	1.0000	1.0000	0.0000
mammography			0.7812	0.2188	0.7834	0.5636	0.6896
marketing			0.9062	0.0938	0.7923	0.5672	0.5025
maternal			0.7525	0.1650	0.7586	0.6234	0.4574
math			0.8250	0.0875	0.7912	0.7333	0.2830
mba			0.8065	0.1290	0.4166	0.2430	0.5497
mental-disorders			0.8333	0.0833	0.8333	0.7778	0.1667
mental-health			0.2133	0.3147	0.2163	0.0166	0.8579
messidor			0.6870	0.3130	0.6831	0.3660	0.8384
meter-A			1.0000	0.0000	1.0000	1.0000	0.0000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8889	0.0556	0.8784	0.8448	0.1220
meter-D			0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac			0.9100	0.0180	0.9115	0.9000	0.0994
mfeat-fou			0.7500	0.0500	0.7485	0.7222	0.2260
mfeat-kar			0.8450	0.0310	0.8476	0.8278	0.1871

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
mfeat-mor			0.7250	0.0550	0.7208	0.6944	0.1976
mfeat-pix			0.9100	0.0180	0.9125	0.9000	0.1024
mfeat-zer			0.7150	0.0570	0.7202	0.6833	0.2498
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5294	0.1882	0.5485	0.4132	0.4268
mobile			0.7343	0.0095	0.7465	0.7294	0.1203
monks-1			1.0000	0.0000	1.0000	1.0000	0.0000
monks-2			0.9836	0.0164	0.9820	0.9633	0.0783
monks-3			0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4011	0.1089	0.4590	0.2945	0.6185
musk			0.9727	0.0273	0.9468	0.8931	0.2229
MUT_ci300400a_cdk_ESTATE			0.7566	0.2434	0.7479	0.4952	0.7448
MUT_ci300400a_cdk_FCFP2			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_MACCS			0.8261	0.1739	0.8213	0.6426	0.6192
MUT_ci300400a_rdkit_descriptors			0.8246	0.1754	0.8206	0.6413	0.6212
myocardial			0.8471	0.0382	0.2797	0.4180	0.6313
naticusdroid			0.9680	0.0320	0.9680	0.9359	0.1911
NCI60			0.3333	0.2222	0.3333	0.2000	0.2759
nci9			0.3333	0.2222	0.2857	0.2000	0.2350
ncRNA1%			0.8936	0.0112	0.4632	0.7169	0.8099
ncRNA10%			0.9227	0.0081	0.6194	0.7961	0.7669
neo			0.9129	0.0871	0.6808	0.2414	0.4066
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			0.9524	0.0476	0.8981	0.7742	0.1408
newspop			0.6102	0.3898	0.6142	0.2254	0.9081
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits			0.5556	0.2963	0.5221	0.1448	0.5254
nursery			0.9961	0.0019	0.9970	0.9943	0.0119
obesity			0.9052	0.0271	0.9045	0.8893	0.1267
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9927	0.0073	0.9898	0.9796	0.0863
Occupancy_Estimation			0.9961	0.0020	0.9853	0.9880	0.0096
oh0-wc			0.8317	0.0337	0.8383	0.8078	0.1656
oh10-wc			0.6286	0.0743	0.6212	0.5762	0.3387
oh15-wc			0.7826	0.0435	0.7750	0.7517	0.2034
oh5-wc			0.6923	0.0615	0.7044	0.6529	0.2871
olive			0.9474	0.0117	0.9451	0.9339	0.0357
opn310k10%			0.9018	0.0982	0.7006	0.4011	0.6520
opnat310k-hg16-17			0.9161	0.0839	0.7141	0.4195	0.6021
optdigits			0.9235	0.0153	0.9268	0.9149	0.1076
optdigitsZ			0.9110	0.0890	0.4767	0.0000	0.2060
orl			0.6000	0.0200	0.5647	0.5897	0.0766
orlraws10P			0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9605	0.0395	0.6796	0.3549	0.5778
ozone8hr			0.9051	0.0949	0.5563	0.0994	0.6712
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7320	0.2680	0.6972	0.3940	0.7991
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants			0.9943	0.0057	0.6553	0.3049	0.5258
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9799	0.0080	0.9182	0.8858	0.1650
parkinson			0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons			0.9005	0.0995	0.8935	0.7849	0.4255
parkinsons-small			0.8421	0.1579	0.8114	0.6175	0.6233
particle			0.9130	0.0870	0.8903	0.7795	0.4215

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle10%			0.8985	0.1015	0.8705	0.7358	0.4443
pasture			0.2500	0.5000	0.3333	-0.0909	0.3444
pc1			0.9369	0.0631	0.7008	0.3376	0.4605
pcmac			0.5309	0.4691	0.4687	-0.0507	0.9580
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8289	0.1711	0.7610	0.5185	0.6657
pediatric-leukemia			0.6765	0.0924	0.7066	0.6112	0.2448
pendigits			0.9682	0.0064	0.9678	0.9646	0.0523
period			0.5556	0.4444	0.5791	0.1429	0.8628
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.7434	0.2566	0.7333	0.4648	0.7642
pet-adoption			0.9300	0.0700	0.9201	0.8392	0.3454
phishing			0.9469	0.0531	0.9442	0.8885	0.2836
phone-acc0.1%			0.9364	0.0182	0.9326	0.9257	0.0873
phone-acc1%			0.9933	0.0019	0.9929	0.9922	0.0150
phone-gyr0.1%			0.9404	0.0170	0.9360	0.9303	0.0908
phoneme			0.8296	0.1704	0.8162	0.6182	0.6120
pima			0.6842	0.3158	0.6575	0.2716	0.7650
pirvision			0.9967	0.0022	0.9943	0.9896	0.0186
placement			0.7810	0.2190	0.7753	0.5506	0.7046
plant-growth			0.6842	0.3158	0.6833	0.3667	0.8414
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.4966	0.1438	0.2757	0.0937	0.6275
polish-1st			0.9559	0.0441	0.5386	0.0473	0.5209
polish-2nd			0.9646	0.0354	0.6882	0.2685	0.3418
polish-3rd			0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th			0.9602	0.0398	0.7586	0.4625	0.3649
polish-5th			0.9492	0.0508	0.7656	0.4923	0.4154
polya			0.7438	0.2562	0.7203	0.4406	0.7766
popularity			0.5914	0.2724	0.4285	0.1763	0.7264
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.9823	0.0071	0.9821	0.9779	0.0478
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7390	0.4412	0.6911
prestige			0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor			0.3939	0.0932	0.3337	0.3182	0.3116
profb			0.6119	0.3881	0.5703	0.1402	0.9143
promoters			0.6000	0.4000	0.5519	0.0909	0.9071
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9897	0.0041	0.9810	0.9861	0.0343
puc-rio10%			0.9680	0.0128	0.9406	0.9570	0.0764
pufs-1281%			0.4938	0.5062	0.4938	-0.0123	1.0000
pufs-641%			0.4950	0.5050	0.4950	-0.0100	1.0000
pufs-6410%			0.4999	0.5001	0.5014	0.0002	0.6009
pulsar			0.9840	0.0160	0.9510	0.9004	0.1552
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
re0-wc			0.0133	0.1518	0.0020	0.0000	0.3290
re1-wc			0.8133	0.0149	0.6792	0.7867	0.1749
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9863	0.0137	0.9862	0.9722	0.0900
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6009	0.3991	0.5899	0.1796	0.9270
RT_IOT2022			0.9985	0.0003	0.9946	0.9961	0.0047
satimage			0.8631	0.0456	0.8452	0.8314	0.2198
satimageF			0.9813	0.0187	0.9533	0.9062	0.2602
satimageT			0.9409	0.0591	0.8331	0.6657	0.4947
scadi			0.7143	0.1143	0.6984	0.6316	0.1667

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8910	0.1090	0.6031	0.2031	0.6525
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9654	0.0099	0.9712	0.9595	0.0374
segmentation			0.8069	0.1931	0.7985	0.5930	0.6580
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9225	0.0775	0.4798	-0.0202	0.5773
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8632	0.1368	0.5313	0.0179	0.4988
sens-10-gram			0.8530	0.1470	0.6138	0.2087	0.7083
sens-2-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-3-gram			0.8658	0.1342	0.5807	0.0754	0.5299
sens-4-gram			0.8447	0.1553	0.5679	0.1187	0.7302
sens-5-gram			0.8132	0.1868	0.5733	0.1462	0.7659
sens-6-gram			0.8395	0.1605	0.5693	0.1273	0.7456
sens-7-gram			0.8368	0.1632	0.5571	0.1035	0.7509
sens-8-gram			0.8132	0.1868	0.5877	0.1754	0.7590
sens-9-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sensorless			0.9932	0.0012	0.9932	0.9925	0.0133
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8913	0.1087	0.7804	0.5584	0.5927
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9761	0.0239	0.8968	0.7875	0.2654
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9994	0.0006	0.9991	0.9983	0.0112
skin10%			0.9967	0.0033	0.9950	0.9901	0.0456
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2000	0.4000	0.2040	-0.0707	0.8662
smk_can_187			0.4737	0.5263	0.4775	-0.0440	1.0000
smoking			0.7536	0.2464	0.7547	0.4986	0.7214
soil_pollution			0.1967	0.3213	0.1977	-0.0044	0.8731
solar-flare			0.7554	0.0815	0.6244	0.6879	0.2354
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.9412	0.0062	0.9627	0.9355	0.0336
spam-detection			0.9540	0.0460	0.8739	0.7446	0.4745
spambase			0.9261	0.0739	0.9226	0.8451	0.3587
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.5577	0.0328	0.4220	0.5321	0.1521
splice-EI			0.9495	0.0505	0.9353	0.8695	0.3294
splice-IE			0.9369	0.0631	0.9145	0.8285	0.3853
sport-articles			0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9030	0.0647	0.8772	0.8424	0.2297
steel-b			0.8359	0.1641	0.7529	0.5059	0.6817
steel-d			0.9897	0.0103	0.9140	0.8280	0.3214
steel-k			0.9744	0.0256	0.9604	0.9206	0.1989
steel-o			0.7590	0.2410	0.7233	0.4367	0.7406
steel-p			0.9436	0.0564	0.8075	0.6146	0.5232
steel-s			0.9897	0.0103	0.9348	0.8697	0.2729
steel-z			0.9795	0.0205	0.9417	0.8834	0.2660
stellar			0.9725	0.0183	0.9685	0.9513	0.1093
stock			0.9514	0.0486	0.9147	0.8224	0.2508
stockb			0.9956	0.0029	0.9956	0.9934	0.0159

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.5950	0.1620	0.3996	0.3625	0.5656
student-habits			0.2700	0.2920	0.1645	-0.0306	0.8300
student-weekend			0.3385	0.2646	0.3405	0.1082	0.6934
student-workday			0.7500	0.1000	0.2841	0.3702	0.4009
studentap			0.2308	0.5128	0.2444	-0.1818	0.8704
susy			0.4580	0.5420	0.3141	0.0000	0.5307
susy1%			0.7858	0.2142	0.7841	0.5644	0.6812
susy10%			0.7938	0.2062	0.7925	0.5802	0.6633
tae			0.4000	0.4000	0.3796	0.1000	0.7052
telco-churn			0.8920	0.1080	0.8591	0.7175	0.5017
texture			0.9418	0.0106	0.9452	0.9359	0.0747
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin			0.9581	0.0419	0.4893	-0.0214	0.5700
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9764	0.9529	0.1491
tis10%			0.8358	0.1642	0.7705	0.5389	0.6557
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1500	0.3636	0.3684	0.1904
tox_171			0.3529	0.3235	0.3127	0.1302	0.5494
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.7647	0.2353	0.7684	0.5211	0.6923
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6800	0.3200	0.5442	0.0881	0.8806
trec11-wc			0.7561	0.0542	0.7139	0.7012	0.2249
trec12-wc			0.7742	0.0565	0.8130	0.7294	0.1945
trec21-wc			0.7576	0.0970	0.5836	0.5636	0.4515
trec23-wc			0.9524	0.0159	0.9410	0.9344	0.0454
trec31-wc			0.9570	0.0143	0.9697	0.9429	0.0826
trec41-wc			0.9432	0.0114	0.8478	0.9309	0.0547
trec45-wc			0.8551	0.0290	0.7936	0.8318	0.1342
tuandromd			0.9865	0.0135	0.9793	0.9586	0.1449
turkish			0.7750	0.1125	0.7713	0.7000	0.2775
tvnews1%			0.8077	0.1923	0.7912	0.5817	0.6641
tvnews10%			0.8581	0.1419	0.8455	0.6892	0.5485
ur3_cobotops_grip			0.9701	0.0299	0.6868	0.3011	0.4026
ur3_cobotops_stop			0.9619	0.0381	0.7403	0.4802	0.5713
urban			0.8657	0.0299	0.8567	0.8417	0.1219
urinalysis			0.9371	0.0629	0.6841	0.3669	0.6148
ustilago1%			0.9805	0.0195	0.4951	-0.0099	0.5378
vehicle			0.7619	0.1190	0.7084	0.6776	0.2072
vehicleVAN			0.9762	0.0238	0.9701	0.9385	0.2027
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.8372	0.1628	0.8474	0.6760	0.5146
vowel			0.4343	0.1028	0.4920	0.3778	0.3267
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9159	0.0841	0.6862	0.3365	0.5625
wap-wc			0.7179	0.0282	0.5870	0.6847	0.2148
warpar10p			0.6154	0.0769	0.5250	0.5667	0.1293
warppie10p			0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc1%			0.9870	0.0037	0.9867	0.9848	0.0273
watch-gyr1%			0.9857	0.0041	0.9853	0.9832	0.0307
water_pollution			0.2500	0.3750	0.2510	-0.0004	0.8605
waveform			0.7980	0.1347	0.7988	0.6972	0.4289
weather-related			0.9788	0.0038	0.9799	0.9760	0.0357
web-phishing			0.8519	0.0988	0.8014	0.7380	0.4150

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9750	0.0125	0.9750	0.9667	0.0511
wilt			0.9772	0.0228	0.8771	0.7540	0.3913
wine			0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red			0.5283	0.1572	0.2562	0.2489	0.5474
winequality-white			0.5746	0.1215	0.3384	0.3726	0.5737
wisc_bc			0.9474	0.0526	0.9443	0.8880	0.2925
yale			0.6875	0.0417	0.6700	0.6667	0.0696
yeast			0.5811	0.0838	0.4198	0.4607	0.3528
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9527	0.0473	0.6808	0.3410	0.5673
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9527	0.0473	0.6808	0.3410	0.5495
zip			0.9118	0.0176	0.9057	0.9012	0.1379

Table 148: Detailed results for PART

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1391	0.0594	0.0965	0.0639	0.5945
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9847	0.0153	0.7182	0.3735	0.3579
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.9604	0.0396	0.9158	0.8310	0.3201
adult		0.8614	0.1386	0.7995	0.5955	0.5952
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_KlekotaRothFingerprinter		0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter		0.8651	0.1349	0.4638	-0.0657	0.7371
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8586	0.0943	0.4037	0.0833	0.5456
AID1284Morered		0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red		0.8333	0.1667	0.6516	0.3032	0.7325
AID1608Morered		0.8835	0.1165	0.4691	-0.0600	0.6992
AID1608red		0.8932	0.1068	0.4718	-0.0559	0.6716
AID362red		0.9860	0.0140	0.7025	0.3932	0.5009
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9910	0.0090	0.4977	-0.0040	0.4041
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.6030	0.2045	0.8754
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9973	0.0027	0.7093	0.1814	0.0130
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8732	0.1268	0.8251	0.6497	0.5699
air_pollution		0.2200	0.2229	0.1623	0.0009	0.8818
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.9587	0.0413	0.9580	0.9158	0.2286
alcohol		0.8190	0.0724	0.5651	0.5939	0.2546
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.8977	0.1023	0.8870	0.7734	0.4503
anneal		0.9775	0.0090	0.9162	0.9533	0.1386
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9624	0.0188	0.9230	0.9281	0.1155
anuran-genus		0.9555	0.0111	0.8892	0.9270	0.1873
anuran-species		0.9653	0.0069	0.9205	0.9516	0.0681
anxiety		0.0750	0.2056	0.0705	-0.0418	0.8410
apple-quality		0.8000	0.2000	0.8000	0.6000	0.6644
aps-failure		0.9905	0.0095	0.8540	0.7026	0.3390
arabidopsis0.1%		0.9882	0.0118	0.4970	-0.0044	0.5347
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7000	0.3000	0.6875	0.3750	0.8278

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.7778	0.0444	0.6621	0.6614	0.2438
auction		0.9853	0.0147	0.9664	0.9305	0.0577
audiology		0.6522	0.0290	0.2378	0.6051	0.0508
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8500	0.0500	0.7214	0.8046	0.1452
avila		0.9942	0.0010	0.9884	0.9925	0.0141
babies		0.3871	0.1751	0.1791	0.0785	0.7374
balance		0.8226	0.1183	0.7081	0.6993	0.3560
bank		0.8912	0.1088	0.7203	0.4402	0.6504
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8756	0.1244	0.8649	0.7165	0.4434
basehock		0.9296	0.0704	0.9300	0.8593	0.3350
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9952	0.0048	0.8695	0.7383	0.4184
biodeg		0.8286	0.1714	0.8227	0.6434	0.6157
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.3386	0.1934	0.3649
bitcoin10%		0.9866	0.0024	0.2692	0.2324	0.2953
body-perf		0.6948	0.1526	0.6945	0.5930	0.4555
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.4980	0.5020	0.4980	-0.0040	1.0000
breast-cancer		0.7500	0.2500	0.6826	0.3636	0.7920
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8611	0.7800	0.1069
bridges		0.7000	0.0857	0.4286	0.5833	0.0697
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9710	0.0290	0.9681	0.9361	0.1885
cancer-uae		0.4220	0.3853	0.3316	-0.0036	0.8139
car		0.9483	0.0259	0.9266	0.8857	0.1063
car-insurance		0.8110	0.1890	0.7820	0.5639	0.6767
card		0.7826	0.2174	0.7760	0.5518	0.7014
cardiotocography		0.8404	0.0319	0.8000	0.8094	0.2217
cardiotocography-nsp		0.9296	0.0469	0.8781	0.8064	0.2412
cardiovascular		0.7237	0.2763	0.7238	0.4473	0.7886
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8250	0.1167	0.7738	0.6989	0.3550
cas_N6512_cdk_ECFP2		0.7527	0.2473	0.7504	0.4988	0.7424
cas_N6512_rdkit_ATOMPAIR		0.6969	0.3031	0.6938	0.3860	0.8237
cas_N6512_RDkit_AtomPair_FP		0.7163	0.2837	0.7136	0.4260	0.7988
cas_N6512_rdkit_AVALON		0.7573	0.2427	0.7561	0.5121	0.7395
cas_N6512_RDkit_Avalon_FP		0.7945	0.2055	0.7929	0.5852	0.6744
cas_N6512_rdkit_descriptors		0.7600	0.2400	0.7591	0.5181	0.7347
cas_N6512_rdkit_FEATMORGAN		0.7404	0.2596	0.7382	0.4762	0.7656
cas_N6512_RDkit_Featmorgan_FP		0.7377	0.2623	0.7361	0.4722	0.7699
cas_N6512_RDkit_FP		0.7377	0.2623	0.7353	0.4690	0.7665
cas_N6512_rdkit_LAYERED		0.7585	0.2415	0.7578	0.5153	0.7367
cas_N6512_RDkit_Layered_FP		0.7285	0.2715	0.7260	0.4495	0.7784
cas_N6512_rdkit_MACCS		0.7742	0.2258	0.7722	0.5428	0.7077

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7761	0.2239	0.7761	0.5514	0.7058
cas_N6512_rdkit_MORGAN		0.7631	0.2369	0.7612	0.5220	0.7297
cas_N6512_RDkit_morgan_FP		0.7147	0.2853	0.7129	0.4258	0.8027
cas_N6512_rdkit_PATTERN		0.7769	0.2231	0.7759	0.5517	0.7069
cas_N6512_RDkit_pattern_FP		0.7377	0.2623	0.7362	0.4725	0.7698
cas_N6512_rdkit_RDKITFP		0.7358	0.2642	0.7342	0.4683	0.7727
cas_N6512_rdkit_TORSION		0.7231	0.2769	0.7219	0.4437	0.7905
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.9368	0.0632	0.5871	0.1740	0.6210
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7617	0.2383	0.7407	0.4812	0.7489
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9628	0.0372	0.7434	0.4721	0.4960
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9335	0.0665	0.6145	0.2277	0.6375
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9422	0.0578	0.7176	0.4309	0.5810
central-nervous-system		0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9186	0.0814	0.7723	0.5432	0.6013
children-anemia		0.9209	0.0396	0.9115	0.8817	0.1868
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9996	0.0004	0.8928	0.7740	0.1620
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9036	0.0964	0.6417	0.2818	0.6674
churn		0.8480	0.1520	0.7480	0.4891	0.6505
churn-bigml		0.9288	0.0712	0.8443	0.6606	0.3310
ci900367j_MACCS		0.6526	0.3474	0.6290	0.2580	0.8855
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.6189	0.3906	0.5082
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7944	0.1028	0.6749	0.6843	0.4523
climate		0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111		0.5000	0.3333	0.5588	0.1628	0.5130
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5782	0.2812	0.5562	0.3450	0.6813
cnae-9		0.9167	0.0185	0.9210	0.9062	0.0922
codon_usage		0.8488	0.0275	0.6568	0.8166	0.2802
coil20		0.8958	0.0104	0.9046	0.8903	0.0626
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.5679	0.1104	0.8482
colposcopies-2		0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3		0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6		0.6552	0.3448	0.7129	0.2927	0.5000
colposcopies-c		0.6207	0.3793	0.5909	0.1671	0.8101
column-2c		0.8710	0.1290	0.8486	0.6884	0.4958
column-3c		0.8065	0.1290	0.7766	0.6936	0.2502
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.9850	0.0100	0.7587	0.6806	0.4244

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cottonmeloidogyne		0.7260	0.2740	0.7281	0.4525	0.7760
coupon		0.7019	0.2981	0.6962	0.3923	0.8219
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9906	0.0094	0.9799	0.9597	0.1089
covtypeT		0.9803	0.0197	0.9236	0.8471	0.3041
crabs		0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans		0.9996	0.0004	0.9357	0.8694	0.1630
creditcard_trans10%		0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced		0.9189	0.0270	0.7938	0.8337	0.2988
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.3750	0.0312	0.2571	0.3568	0.1004
customer-churn		0.9838	0.0162	0.7554	0.4767	0.3836
cybersecurity		0.1667	0.2778	0.1643	-0.0013	0.8726
cyclopentane		0.7407	0.2593	0.7500	0.4878	0.7287
cylinder-bands		0.8704	0.1296	0.8685	0.7364	0.5162
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.8260	0.1740	0.7139	0.3961	0.6433
defect		0.9599	0.0401	0.9228	0.8372	0.1899
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8825	0.1175	0.7165	0.4330	0.6636
depressed		0.7552	0.2448	0.5391	0.0778	0.8194
dermatology		0.8919	0.0360	0.8930	0.8655	0.1151
desharnais		0.5000	0.3333	0.2424	0.0000	0.5790
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.5625	0.2917	0.6018	0.3086	0.5254
DIA		0.8500	0.1500	0.7849	0.5500	0.5687
diabetes		0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.9201	0.0799	0.8725	0.7382	0.4007
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5098	0.3268	0.4017	0.1096	0.7715
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.4167	0.5833	0.2941	0.0000	0.5271
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5155	0.4845	0.5137	0.0275	0.9911
drebin		0.9834	0.0166	0.9822	0.9643	0.1213
dropout		0.7111	0.1926	0.6446	0.5314	0.5597
drug-01		0.2819	0.2052	0.1310	-0.0139	0.7437
drug-02		0.4309	0.1626	0.2075	0.1480	0.7390
drug-03		0.6064	0.1125	0.1734	0.0900	0.6067
drug-04		0.4362	0.1611	0.2116	0.1588	0.8330
drug-05		0.6383	0.1033	0.1430	0.0830	0.8783
drug-06		0.2447	0.2158	0.1969	0.0887	0.7915

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-07		0.3138	0.1960	0.1116	-0.0721	0.5655
drug-08		0.4787	0.1489	0.2533	0.1971	0.7337
drug-09		0.8032	0.0562	0.1534	0.0277	0.5090
drug-10		0.4734	0.1505	0.2268	0.1670	0.7855
drug-11		0.7979	0.0578	0.1925	0.0916	0.7615
drug-12		0.7287	0.0775	0.2322	0.1336	0.7281
drug-13		0.5053	0.1413	0.2165	0.1910	0.7828
drug-14		0.5479	0.1292	0.2727	0.2644	0.6070
drug-15		0.6809	0.0912	0.2515	0.2078	0.8564
drug-16		0.4894	0.1459	0.2260	0.2237	0.7161
drug-17		0.2819	0.2052	0.2188	0.0943	0.8329
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.6489	0.1003	0.1638	0.0574	0.7544
drybean		0.9140	0.0246	0.9294	0.8959	0.1365
ecoli		0.8529	0.0368	0.5426	0.7969	0.1316
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU		0.7576	0.2424	0.5493	0.0833	0.6139
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.3000	0.3500	0.3002	0.0640	0.8054
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.8184	0.1816	0.8185	0.6263	0.5934
eeg10%		0.2826	0.0897	0.2474	0.2064	0.7093
email_phishing		0.9874	0.0126	0.6613	0.1336	0.1776
eucalyptus		0.6301	0.1479	0.6224	0.5305	0.4306
euthyroid		0.9747	0.0253	0.9267	0.8527	0.2759
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9491	0.0509	0.9490	0.8976	0.2648
fakenews		0.4900	0.5100	0.4903	-0.0194	1.0000
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0163	0.1157	0.0019	0.0000	0.3803
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.9040	0.0320	0.6969	0.8492	0.2001
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9038	0.0481	0.8926	0.8672	0.1099
gas		0.9827	0.0058	0.9817	0.9791	0.0416
gastrointestinal		0.6875	0.2083	0.7174	0.5000	0.3613
gender		0.5705	0.2863	0.4324	0.1469	0.7051
german		0.7200	0.2800	0.6785	0.3503	0.8079
gestures		0.8622	0.0689	0.8629	0.8162	0.2754
gina		0.9135	0.0865	0.9136	0.8271	0.3917
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6667	0.1111	0.5248	0.5227	0.3094
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP		0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers		0.9545	0.0455	0.8986	0.7755	0.4644
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM		0.7895	0.2105	0.7933	0.5730	0.6420
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.6000	0.2667	0.4912	0.4118	0.2946
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.8000	0.2000	0.7619	0.5238	0.7028

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
grub-damage		0.2667	0.3667	0.2269	-0.0061	0.7257
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.6667	0.3333	0.5739	0.1477	0.8809
hapt		0.9250	0.0125	0.7521	0.9113	0.0943
har		0.9771	0.0092	0.9756	0.9710	0.0578
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.9049	0.0272	0.5451	0.8594	0.2177
har7010%		0.9161	0.0240	0.6005	0.8751	0.2418
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.8492	0.0251	0.5538	0.7949	0.2837
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.7059	0.2941	0.6916	0.3511	0.7534
health-activity		0.6400	0.1800	0.2176	-0.0375	0.5835
heart		0.7778	0.2222	0.7794	0.5525	0.6913
heart-attack		0.7742	0.2258	0.7815	0.5526	0.6797
heart-c		0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure		0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum		0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis		0.9333	0.0667	0.8929	0.7619	0.1858
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6173	0.3827	0.6214	0.2394	0.9009
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.1429	0.2143	0.0714	0.0000	0.4354
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8853	0.1147	0.7880	0.5742	0.5934
hiva		0.9456	0.0544	0.6150	0.2299	0.6139
horse		0.6111	0.2593	0.5873	0.3217	0.6273
hotel-reservartions		0.8922	0.1078	0.8766	0.7527	0.4766
hr		0.7544	0.2456	0.4911	-0.0178	0.7855
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9970	0.0020	0.9971	0.9955	0.0145
htru2		0.9765	0.0235	0.9266	0.8509	0.2354
hypothyroid		0.9867	0.0066	0.7049	0.9210	0.1346
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.7288	0.2712	0.6129	0.1631	0.7196
immuno-therapy		0.6667	0.3333	0.7404	0.3721	0.5239
instagram		0.9733	0.0133	0.9737	0.9644	0.0568
ionosphere		0.9143	0.0857	0.9146	0.8148	0.3671
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.8139	0.0143	0.8180	0.8064	0.1627
jm1		0.1938	0.8062	0.1623	0.0000	0.3824
jvowels		0.9157	0.0187	0.9112	0.9044	0.1380
kc1		0.8626	0.1374	0.6845	0.3196	0.5977
kc1-class-level-defectiveornot		0.6667	0.3333	0.6444	0.2857	0.8676
kc1-class-level-numericdefect		0.4286	0.0476	0.0333	0.1942	0.1529
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.4286	-0.0696	0.7839
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.9970	0.0005	0.7306	0.9949	0.0494
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.8661	0.0893	0.8224	0.7798	0.2239
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.7747	0.0250	0.7998	0.7486	0.2772
krvskp		0.9906	0.0094	0.9906	0.9811	0.0713
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.2517	0.2494	0.0670	0.0000	0.3690
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.4412	0.0279	0.2391	0.4222	0.0745
led24		0.6000	0.0800	0.5582	0.5518	0.1637
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8885	0.0086	0.8887	0.8840	0.1308
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.7778	0.0296	0.8022	0.7616	0.0925
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0207
liver		0.4412	0.5588	0.4923	-0.0125	0.8747
loan		0.9789	0.0211	0.9777	0.9553	0.1486
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.6299	0.0673	0.4020	0.5338	0.6270
lrs		0.8113	0.0377	0.5520	0.7389	0.1613
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.6250	0.1071	0.4402	0.5385	0.1016
lung-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1		0.8000	0.0800	0.6543	0.5855	0.2341
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.6667	0.1111	0.4375	0.5500	0.1171
machine-failure		0.8936	0.1064	0.8915	0.7759	0.4097
madelon		0.6269	0.3731	0.6270	0.2538	0.9033
magic04		0.8601	0.1399	0.8437	0.6841	0.5409
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8225	0.6449	0.6199
marketing		0.9062	0.0938	0.7923	0.5672	0.5025
maternal		0.7228	0.1848	0.7362	0.5787	0.4843
math		0.8250	0.0875	0.7758	0.7366	0.2812
mba		0.8000	0.1333	0.4541	0.2434	0.5926
mental-disorders		0.8333	0.0833	0.8333	0.7778	0.1667
mental-health		0.2300	0.3080	0.2291	0.0362	0.8580
messidor		0.6087	0.3913	0.6114	0.2200	0.9076
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac		0.9200	0.0160	0.9211	0.9111	0.0907
mfeat-fou		0.7500	0.0500	0.7485	0.7222	0.2260
mfeat-kar		0.8550	0.0290	0.8569	0.8389	0.1626
mfeat-mor		0.7000	0.0600	0.6976	0.6667	0.2134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-pix		0.9050	0.0190	0.9077	0.8944	0.1085
mfeat-zer		0.7550	0.0490	0.7501	0.7278	0.1904
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5294	0.1882	0.5485	0.4132	0.4268
mobile		0.7308	0.0096	0.7428	0.7259	0.1226
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9836	0.0164	0.9820	0.9633	0.0783
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4067	0.1079	0.4527	0.3000	0.6112
musk		0.9652	0.0348	0.9311	0.8593	0.2328
MUT_ci300400a_cdk_ECFP2		0.7770	0.2230	0.7695	0.5388	0.7116
MUT_ci300400a_cdk_ECFP4		0.7820	0.2180	0.7750	0.5498	0.7031
MUT_ci300400a_cdk_ECFP6		0.7796	0.2204	0.7715	0.5412	0.7034
MUT_ci300400a_cdk_ESTATE		0.7782	0.2218	0.7698	0.5380	0.7064
MUT_ci300400a_cdk_EXTENDED		0.8082	0.1918	0.8023	0.6045	0.6551
MUT_ci300400a_cdk_FCFP2		0.7988	0.2012	0.7934	0.5868	0.6729
MUT_ci300400a_cdk_FCFP4		0.7962	0.2038	0.7898	0.5795	0.6777
MUT_ci300400a_cdk_FCFP6		0.7746	0.2254	0.7688	0.5376	0.7156
MUT_ci300400a_cdk_MACCS		0.8249	0.1751	0.8195	0.6388	0.6211
MUT_ci300400a_cdk_PUBCHEM		0.8359	0.1641	0.8304	0.6601	0.5957
MUT_ci300400a_cdk_STANDARD		0.8000	0.2000	0.7931	0.5857	0.6694
MUT_ci300400a_rdkit_descriptors		0.8170	0.1830	0.8131	0.6262	0.6365
myocardial		0.8471	0.0382	0.2797	0.4180	0.6313
naticusdroid		0.9635	0.0365	0.9635	0.9270	0.2105
NCI60		0.3333	0.2222	0.3333	0.2000	0.2759
nci9		0.3333	0.2222	0.2857	0.2000	0.2350
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8982	0.0107	0.4534	0.7260	0.7971
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9120	0.0880	0.6834	0.1846	0.3027
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9588	0.0412	0.9497	0.8994	0.2647
NPHA-doctor-visits		0.3889	0.4074	0.2671	-0.0973	0.8231
nursery		0.9969	0.0015	0.9976	0.9955	0.0090
obesity		0.9194	0.0230	0.9194	0.9059	0.1068
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9917	0.0083	0.9886	0.9770	0.1018
Occupancy_Estimation		0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.6667	0.0667	0.6672	0.6191	0.3204
oh15-wc		0.7717	0.0457	0.7694	0.7395	0.2115
oh5-wc		0.6923	0.0615	0.7052	0.6536	0.2844
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9474	0.0117	0.9451	0.9339	0.0357
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9161	0.0839	0.6787	0.3232	0.5721
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9181	0.0164	0.9211	0.9090	0.1091
optdigitsZ		0.9911	0.0089	0.9728	0.9456	0.1683
orl		0.6000	0.0200	0.5647	0.5897	0.0766
orlraws10P		0.8000	0.0400	0.7467	0.7778	0.0507

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9723	0.0277	0.7876	0.5740	0.4983
ozone8hr		0.9012	0.0988	0.5185	0.0309	0.6828
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7320	0.2680	0.7015	0.4029	0.7968
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8333	0.1667	0.8335	0.6663	0.5961
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9799	0.0080	0.9182	0.8858	0.1650
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.8673	0.1327	0.8607	0.7208	0.5334
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.8908	0.1092	0.8772	0.7465	0.4943
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.6644	0.2997	0.5774
pcmac		0.5309	0.4691	0.4687	-0.0507	0.9580
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.7770	0.5472	0.6265
pediatric-leukemia		0.6765	0.0924	0.7066	0.6112	0.2448
pendigits		0.9672	0.0066	0.9673	0.9636	0.0553
period		0.7778	0.2222	0.7500	0.5000	0.7296
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.7697	0.2303	0.7535	0.5069	0.7321
personalities		0.7973	0.0253	0.7974	0.7838	0.2893
pet-adoption		0.9300	0.0700	0.9200	0.8380	0.3323
phishing		0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.8675	0.0378	0.8575	0.8452	0.1472
phone-acc1%		0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%		0.9009	0.0283	0.8925	0.8842	0.1208
phone-gyr1%		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.8204	0.1796	0.8181	0.6108	0.5938
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.6842	0.3158	0.6609	0.2621	0.7280
pirvision		0.9980	0.0013	0.9966	0.9938	0.0054
placement		0.7690	0.2310	0.7629	0.5257	0.7250
plant-growth		0.6842	0.3158	0.6833	0.3667	0.8414
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4888	0.1461	0.2693	0.0822	0.6334
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9630	0.0370	0.6471	0.1266	0.2686
polish-2nd		0.9597	0.0403	0.6347	0.2112	0.4864
polish-3rd		0.9495	0.0505	0.5401	0.0279	0.4040
polish-4th		0.9612	0.0388	0.7656	0.4698	0.3320
polish-5th		0.9543	0.0457	0.7931	0.5496	0.3677
polya		0.7222	0.2778	0.6922	0.3835	0.8084
popularity		0.3135	0.4577	0.1591	0.0000	0.3128
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.9819	0.0072	0.9817	0.9774	0.0482
pred-tox_mutagen_ref-desc		0.7206	0.2794	0.7390	0.4412	0.6911
prestige		0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor		0.3333	0.0606	0.1730	0.2681	0.1963
processed		1.0000	0.0000	1.0000	1.0000	0.0000
profb		0.6119	0.3881	0.5703	0.1402	0.9143

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
promoters			0.6000	0.4000	0.5519	0.0909	0.9071
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9722	0.0111	0.9434	0.9627	0.0685
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5025	0.4975	0.5025	0.0050	0.9985
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9832	0.0168	0.9486	0.8958	0.1738
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.7600	0.0369	0.7100	0.6896	0.3681
re1-wc			0.8133	0.0149	0.6792	0.7867	0.1749
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.9863	0.0137	0.9862	0.9722	0.0900
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6444	0.3556	0.6200	0.2337	0.8857
RT_IOT2022			0.9983	0.0003	0.9822	0.9957	0.0054
satimage			0.8678	0.0441	0.8494	0.8376	0.2100
satimageF			0.9907	0.0093	0.9760	0.9519	0.1413
satimageT			0.9145	0.0855	0.8048	0.5980	0.5870
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5000	0.5000	0.5000	0.0000	0.9694
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9038	0.0962	0.4747	-0.0446	0.6930
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9524	0.0136	0.9560	0.9443	0.0675
segmentation			0.8218	0.1782	0.8046	0.6091	0.6411
segmentO			0.9913	0.0087	0.9826	0.9647	0.0385
seismic			0.9302	0.0698	0.6058	0.1566	0.5451
semeion			0.9811	0.0189	0.9467	0.8928	0.2097
sens-1-gram			0.8632	0.1368	0.5313	0.0179	0.4988
sens-10-gram			0.8530	0.1470	0.6138	0.2087	0.7083
sens-2-gram			0.8579	0.1421	0.5739	0.1047	0.6534
sens-3-gram			0.8474	0.1526	0.6427	0.2835	0.7252
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8579	0.1421	0.5635	0.0823	0.6398
sensorless			0.9901	0.0018	0.9901	0.9891	0.0184
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8808	0.1192	0.7660	0.5316	0.6279
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9814	0.0186	0.9205	0.8276	0.0656
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9995	0.0005	0.9992	0.9984	0.0098
skin10%			0.9971	0.0029	0.9957	0.9913	0.0394
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1600	0.4200	0.1561	-0.1218	0.9005

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.7511	0.2489	0.7387	0.4758	0.7553
soil_pollution			0.1967	0.3213	0.1977	-0.0044	0.8731
solar-flare			0.7482	0.0839	0.6190	0.6787	0.2408
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.9412	0.0062	0.9612	0.9355	0.0344
spam-detection			0.9540	0.0460	0.8739	0.7446	0.4745
spambase			0.9217	0.0783	0.9179	0.8357	0.3713
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8857	0.1143	0.8600	0.7200	0.5179
spectrometer			0.5094	0.0204	0.2219	0.4825	0.1232
splice-EI			0.9685	0.0315	0.9591	0.9178	0.2408
splice-IE			0.9464	0.0536	0.9245	0.8480	0.3133
sport-articles			0.7900	0.2100	0.7761	0.5520	0.6977
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9024	0.0651	0.8777	0.8411	0.2257
steel-b			0.8667	0.1333	0.7799	0.5001	0.4386
steel-d			0.9897	0.0103	0.9140	0.8280	0.3214
steel-k			0.9949	0.0051	0.9921	0.9841	0.0266
steel-o			0.7949	0.2051	0.7775	0.5545	0.6928
steel-p			0.9436	0.0564	0.8075	0.6146	0.5232
steel-s			0.9897	0.0103	0.9348	0.8697	0.2729
steel-z			0.9795	0.0205	0.9397	0.8776	0.2019
stellar			0.9718	0.0188	0.9678	0.9500	0.1126
stock			0.9792	0.0208	0.9654	0.9306	0.2119
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.5700	0.1720	0.3693	0.3175	0.5338
student-depression			0.7875	0.2125	0.7804	0.5608	0.6941
student-habits			0.2600	0.2960	0.1436	-0.0979	0.7433
student-weekend			0.2615	0.2954	0.2830	0.0364	0.7859
student-workday			0.6562	0.1375	0.2185	0.1183	0.4915
studentap			0.2308	0.5128	0.2476	-0.1404	0.7670
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7864	0.2136	0.7874	0.5623	0.6529
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.5374	0.2000	0.5772
telco-churn			0.8963	0.1037	0.8656	0.7310	0.4932
texture			0.9436	0.0102	0.9464	0.9378	0.0741
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7447	0.2553	0.4268	-0.1417	0.8293
thrombin			0.0209	0.9791	0.0205	0.0000	0.0580
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9764	0.9529	0.1491
tis			0.8489	0.1511	0.7968	0.5936	0.6304
tis10%			0.8358	0.1642	0.7705	0.5389	0.6557
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.3529	0.3235	0.3127	0.1302	0.5494
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.7647	0.2353	0.7424	0.4848	0.7453
trains			0.5000	0.5000	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
transfusion			0.7067	0.2933	0.5980	0.1959	0.8482
trec11-wc			0.7805	0.0488	0.6932	0.7330	0.1966
trec12-wc			0.7742	0.0565	0.8130	0.7294	0.1945
trec21-wc			0.7576	0.0970	0.5836	0.5636	0.4515
trec23-wc			0.9524	0.0159	0.9410	0.9344	0.0454
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.8977	0.0205	0.7315	0.8746	0.1124
trec45-wc			0.8551	0.0290	0.7936	0.8318	0.1342
tuandromd			0.9910	0.0090	0.9861	0.9722	0.0959
turkish			0.7000	0.1500	0.7175	0.6000	0.3221
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8154	0.1846	0.7990	0.5967	0.6468
tvnews10%			0.8612	0.1388	0.8530	0.7052	0.5508
ur3_cobotops_grip			0.9660	0.0340	0.7027	0.4013	0.5585
ur3_cobotops_stop			0.9578	0.0422	0.7176	0.4343	0.5865
urban			0.8358	0.0365	0.8428	0.8073	0.1601
urinalysis			0.9720	0.0280	0.8518	0.6538	0.0890
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.9805	0.0195	0.4951	-0.0099	0.5378
vehicle			0.7381	0.1310	0.6981	0.6460	0.3260
vehicleVAN			0.9643	0.0357	0.9533	0.9062	0.2616
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.8372	0.1628	0.8474	0.6760	0.5146
vowel			0.4343	0.1028	0.4920	0.3778	0.3267
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.6923	0.0615	0.6557	0.6533	0.1098
warppie10p			0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.9757	0.0069	0.9751	0.9716	0.0485
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.9838	0.0046	0.9836	0.9811	0.0335
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2300	0.3850	0.2289	-0.0267	0.8785
waveform			0.7520	0.1653	0.7558	0.6283	0.4738
weather-related			0.9788	0.0038	0.9807	0.9760	0.0332
web-phishing			0.8444	0.1037	0.7891	0.7257	0.4341
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9959	0.0016	0.9958	0.9948	0.0132
white-clover			0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc			0.9800	0.0100	0.9801	0.9733	0.0474
wilt			0.9814	0.0186	0.8962	0.7903	0.3078
wine			0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red			0.6226	0.1258	0.4419	0.4161	0.4621
winequality-white			0.5746	0.1215	0.3286	0.3662	0.5954
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9850	0.0043	0.9862	0.9810	0.0350
wisc_bc			0.9474	0.0526	0.9443	0.8880	0.2925
yale			0.6875	0.0417	0.6700	0.6667	0.0696
yeast			0.5270	0.0946	0.3939	0.3939	0.4590
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9595	0.0405	0.6146	0.2292	0.5992
yeastME1			0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2			0.9527	0.0473	0.6808	0.3410	0.5495
zip			0.9075	0.0185	0.8989	0.8964	0.1433

Table 149: Detailed results for PARTDSA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0695	0.0642	0.0127	-0.0111	0.3680
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8235	0.1765	0.7285	0.4292	0.6395
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8732	0.1268	0.8211	0.5898	0.3599
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7238	0.1105	0.2884	0.2232	0.1959
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.9349	0.0651	0.9285	0.8541	0.2971
anneal		0.7528	0.0989	0.4836	0.4979	0.2363
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8623	0.0688	0.4469	0.7122	0.1853
anuran-genus		0.8039	0.0490	0.2979	0.6636	0.2187
anuran-species		0.7056	0.0589	0.2260	0.5673	0.1863
anxiety		0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.8500	0.1500	0.8540	0.6667	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.6222	0.0581	0.1587	0.3719	0.2358
auction		0.9265	0.0735	0.8225	0.6398	0.4872
audiology		0.4783	0.0435	0.0781	0.3551	0.1631
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.5000	0.1667	0.2955	0.3289	0.3506
avila		0.5113	0.0815	0.1666	0.3148	0.2861
babies		0.4677	0.1521	0.1533	0.1436	0.3493
balance		0.6774	0.2151	0.4804	0.3861	0.4091
bank		0.9009	0.0991	0.7187	0.4256	0.6083
banknote		0.8905	0.1095	0.9013	0.7836	0.3494
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8157	0.1843	0.7955	0.5824	0.6262
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.7143	0.2857	0.7071	0.4112	0.7983
biomed		0.8571	0.1429	0.8568	0.6736	0.3386
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%		0.0000	0.0690	0.0000	0.0000	0.0139
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.3636	0.6364	0.3667	-0.2623	1.0000
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.3636	0.2121	0.3164	0.2524	0.2820
bridges		0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9130	0.0870	0.9164	0.8189	0.3522
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7471	0.1264	0.3997	0.5223	0.2526
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.5352	0.0930	0.2082	0.4065	0.2322
cardiotocography-nsp		0.8263	0.1158	0.4959	0.4419	0.3571
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5022	0.4702	0.3486
cas_N6512_cdk_ECFP2		0.5853	0.4147	0.6205	0.2010	0.8158
cas_N6512_rdkit_ATOMPAIR		0.6154	0.3846	0.6185	0.2346	0.9052
cas_N6512_RDkit_AtomPair_FP		0.6350	0.3650	0.6384	0.2739	0.8849
cas_N6512_rdkit_AVALON		0.6590	0.3410	0.6563	0.3124	0.8714
cas_N6512_RDkit_Avalon_FP		0.6488	0.3512	0.6479	0.2956	0.8806
cas_N6512_rdkit_descriptors		0.6338	0.3662	0.6471	0.2805	0.8538
cas_N6512_rdkit_FEATMORGAN		0.6329	0.3671	0.6634	0.2883	0.7869
cas_N6512_RDkit_Featmorgan_FP		0.6334	0.3666	0.6677	0.2906	0.7692
cas_N6512_RDkit_FP		0.6273	0.3727	0.6318	0.2598	0.8898
cas_N6512_rdkit_LAYERED		0.6631	0.3369	0.6640	0.3268	0.8611
cas_N6512_RDkit_Layered_FP		0.6610	0.3390	0.6611	0.3214	0.8656
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7071	0.2929	0.7070	0.4133	0.8100
cas_N6512_rdkit_MORGAN		0.5985	0.4015	0.6537	0.2322	0.7162
cas_N6512_RDkit_morgan_FP		0.5874	0.4126	0.6443	0.2123	0.7198
cas_N6512_rdkit_PATTERN		0.6385	0.3615	0.6336	0.2637	0.8875
cas_N6512_RDkit_pattern_FP		0.6518	0.3482	0.6476	0.2930	0.8759
cas_N6512_rdkit_RDKITFP		0.5991	0.4009	0.6094	0.2103	0.8987
cas_N6512_rdkit_TORSION		0.6108	0.3892	0.6383	0.2448	0.8226
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6166	0.3834	0.6119	0.2176	0.8794
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8094	0.5869	0.3207
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9994	0.0006	0.8218	0.6204	0.2692
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8020	0.1980	0.6294	0.0568	0.4128
churn-bigml		0.8577	0.1423	0.6292	0.1878	0.5964
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0300	0.0194	0.0019	0.0202	0.3393
cirrhosis		0.6190	0.2540	0.3944	0.1724	0.4431
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.5407	0.2296	0.3158	0.2366	0.3886
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.4167	0.3889	0.5475	0.1064	0.4164
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4626	0.3583	0.3491	0.1614	0.5808
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.5042	0.0901	0.1781	0.3724	0.2854
coil20		0.1458	0.0854	0.0471	0.1022	0.3068
college		0.8442	0.1558	0.8252	0.6393	0.5984
collins		0.3800	0.0827	0.1144	0.2851	0.2224
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6897	0.3103	0.6221	0.1767	0.7276
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.7742	0.2258	0.7875	0.5432	0.6349
column-3c		0.7742	0.1505	0.5665	0.6200	0.1957
connect-4		0.9812	0.0125	0.4888	0.3236	0.0358
cottonmeloidogyne		0.6202	0.3798	0.6262	0.2423	0.8820
coupon		0.6262	0.3738	0.6445	0.2727	0.8487
covid19		0.3638	0.1818	0.0762	0.0000	0.2356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.6303	0.1056	0.1940	0.3425	0.2931
covtypeCD		0.8738	0.1262	0.6648	0.1504	0.3713
covtypeT		0.9343	0.0657	0.7122	0.4150	0.5797
crabs		0.6500	0.1750	0.5979	0.5333	0.1855
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.7843	0.0719	0.3341	0.4941	0.2503
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.0000	0.0500	0.0000	0.0000	0.2999
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.5556	0.4444	0.3571	0.0000	0.5164
cylinder-bands		0.6852	0.3148	0.6940	0.2971	0.6308
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8263	0.1737	0.7128	0.3858	0.6261
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8894	0.1106	0.6478	0.1977	0.5009
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.6757	0.1081	0.4217	0.5755	0.1410
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6250	0.2500	0.6847	0.4607	0.3867
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.3408	0.0734	0.5354
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.7099	0.8351	0.0660
diamonds_all		0.6326	0.1470	0.3834	0.4657	0.3150
dishonest		0.8438	0.1562	0.8238	0.6460	0.6069
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7201	0.1866	0.5232	0.5018	0.3741
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3989	0.1717	0.1584	0.2181	0.3829
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5798	0.1201	0.1684	0.1409	0.3175
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5957	0.1155	0.1805	0.1404	0.3322
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5904	0.1170	0.1906	0.3146	0.3062
drug-17		0.3245	0.1930	0.0700	0.0000	0.3521
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.5040	0.1417	0.2887	0.3973	0.2602
ecoli		0.7353	0.0662	0.2945	0.6241	0.1549
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6068	0.3932	0.6149	0.2238	0.8987
eeg10%		0.2301	0.0962	0.0627	0.1233	0.4083
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4932	0.2027	0.3473	0.3337	0.3888
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8555	0.1446	0.8557	0.7107	0.5467
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.4553	0.0641	0.1160	0.3488	0.2821
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.6875	0.1042	0.4398	0.5722	0.1539
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.7692	0.1154	0.6278	0.6757	0.1951
gas		0.4982	0.1673	0.3250	0.3723	0.3504
gastrointestinal		0.6250	0.2500	0.4710	0.3684	0.3556
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.7319	0.1788	0.6928	0.5604	0.4124
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.5238	0.1587	0.3244	0.2734	0.2258
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.8571	0.1429	0.8740	0.7175	0.4205
glassBWNFP		0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.6000	0.2000	0.4000	0.4444	0.1161
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4000	0.3000	0.2576	0.1346	0.4553
gsalc		0.5556	0.1481	0.3898	0.4627	0.1551
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har		0.3644	0.2542	0.2732	0.1218	0.3594
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7606	0.0684	0.3878	0.6120	0.1565
har7010%		0.7574	0.0693	0.3866	0.6071	0.1645
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6558	0.0574	0.1898	0.5024	0.1975
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.4375	0.3750	0.2029	0.0000	0.3849
hcc-survival		0.5294	0.4706	0.5589	0.1053	0.9033
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7329	0.4220	0.6660
heart-attack		0.8387	0.1613	0.8409	0.6681	0.5327
heart-c		0.6333	0.3667	0.6528	0.2326	0.7201
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%		0.7988	0.2012	0.8065	0.5967	0.6131
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%		0.6155	0.3845	0.6122	0.2233	0.9141
higgs1%		0.6320	0.3680	0.6320	0.2636	0.8971
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1449	0.1083	0.3589
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8398	0.1602	0.6389	0.1583	0.5162
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9771	0.0229	0.9291	0.8573	0.2568
hypothyroid		0.9682	0.0159	0.6690	0.8290	0.2411
hypothyroidT		0.9894	0.0106	0.9660	0.9297	0.2551
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.3313	0.1486	0.1759	0.2271	0.3555
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.7513	0.4912	0.6905
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9771	0.0035	0.2258	0.9611	0.0247
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2385	0.0846	0.0581	0.1247	0.3853
krvskp		0.7774	0.2226	0.8064	0.5443	0.4404
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.0882	0.0456	0.0125	0.0664	0.2632
led24		0.2500	0.1500	0.1019	0.1620	0.2958
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0940	0.0697	0.0256	0.0587	0.3728
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.1389	0.1148	0.0497	0.0882	0.3300
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6765	0.3235	0.5565	0.0603	0.7318
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.4023	0.1087	0.0924	0.1437	0.3440
lrs		0.5472	0.0906	0.2133	0.3937	0.1997
lung		0.7143	0.1143	0.3899	0.4592	0.2456
lung_discrete		0.2500	0.2143	0.1224	0.0769	0.3360
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4153	0.5484	0.1893
lymphoma2		0.5556	0.0988	0.1481	0.3333	0.1709
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.6654	0.3346	0.6754	0.3308	0.8112
magic04		0.7680	0.2320	0.7486	0.4080	0.5088
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8261	0.6402	0.5767
marketing		0.8661	0.1339	0.6818	0.3332	0.6348
maternal		0.5644	0.2904	0.4541	0.3425	0.4652
math		0.7500	0.1250	0.5888	0.6219	0.2551
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.4167	0.2917	0.2922	0.2222	0.3015
mental-health		0.1933	0.3227	0.1132	-0.0150	0.5272
messidor		0.5913	0.4087	0.6413	0.2306	0.7738
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.3333	0.3333	0.2308	0.1111	0.3708
meter-D		0.6667	0.1667	0.6250	0.5200	0.1792
mfeat-fac		0.2800	0.1440	0.1454	0.2000	0.3154
mfeat-fou		0.2900	0.1420	0.1545	0.2111	0.3013
mfeat-kar		0.2900	0.1420	0.1363	0.2111	0.3286
mfeat-mor		0.3000	0.1400	0.1680	0.2222	0.2430
mfeat-pix		0.2950	0.1410	0.1510	0.2167	0.2932
mfeat-zer		0.2800	0.1440	0.1904	0.2000	0.3307
mice-prot		0.4074	0.1481	0.2281	0.3137	0.1999
milk		0.6226	0.2516	0.5216	0.4001	0.3270
mines		0.5588	0.1765	0.4103	0.4420	0.3115
mobile		0.0490	0.0340	0.0053	0.0320	0.3360
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7679	0.2321	0.7886	0.5285	0.5651
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		0.8831	0.1169	0.8900	0.7675	0.4161
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.8530	0.1470	0.6951	0.3859	0.6924
MUT_ci300400a_cdk_ECFP2		0.6127	0.3873	0.6492	0.2645	0.8059
MUT_ci300400a_cdk_ECFP4		0.5760	0.4240	0.6154	0.2001	0.8349
MUT_ci300400a_cdk_ECFP6		0.5940	0.4060	0.6246	0.2247	0.8445
MUT_ci300400a_cdk_ESTATE		0.6475	0.3525	0.6590	0.3068	0.8436
MUT_ci300400a_cdk_EXTENDED		0.6906	0.3094	0.6901	0.3771	0.8242
MUT_ci300400a_cdk_FCFP2		0.6072	0.3928	0.6500	0.2594	0.7907
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.5983	0.4017	0.6365	0.2395	0.8161
MUT_ci300400a_cdk_MACCS		0.6775	0.3225	0.6640	0.3266	0.8538
MUT_ci300400a_cdk_PUBCHEM		0.6898	0.3102	0.7050	0.3926	0.7811
MUT_ci300400a_cdk_STANDARD		0.6539	0.3461	0.6585	0.3109	0.8542
MUT_ci300400a_rdkit_descriptors		0.6779	0.3221	0.6923	0.3690	0.8002
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.5585	0.4415	0.6331	0.1151	0.5773
NCI60		0.3333	0.2222	0.2857	0.2000	0.2809
nci9		0.1667	0.1852	0.0741	0.0625	0.2154
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8503	0.0158	0.0883	0.4950	0.1238
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6019	0.3981	0.6088	0.2120	0.9067
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.8517	0.1483	0.8263	0.6501	0.5993
NPHA-doctor-visits		0.5278	0.3148	0.3453	0.0270	0.4882
nursery		0.7631	0.0948	0.4789	0.6473	0.1648
obesity		0.3981	0.1720	0.2601	0.2993	0.2794
obs		0.7222	0.1389	0.7000	0.5540	0.1399
occupancy		0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation		0.8756	0.0622	0.5426	0.6285	0.1311
oh0-wc		0.4356	0.1129	0.2438	0.3164	0.2739
oh10-wc		0.3524	0.1295	0.2411	0.2355	0.2989
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.5614	0.0975	0.2353	0.4129	0.1786
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.2402	0.1520	0.1132	0.1607	0.3635
optdigitsZ		0.9573	0.0427	0.8928	0.7734	0.4682
orl		0.0750	0.0462	0.0106	0.0513	0.3035
orlraws10P		0.2000	0.1600	0.1091	0.1111	0.2815
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7474	0.2526	0.7048	0.4000	0.7644
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8016	0.1984	0.8007	0.5995	0.6562
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9488	0.0205	0.5329	0.6895	0.2732
parkinson		0.9583	0.0417	0.9592	0.9151	0.2119

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons			0.7536	0.2464	0.7316	0.4323	0.6884
parkinsons-small			0.8947	0.1053	0.8643	0.7286	0.5039
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.8300	0.1700	0.7759	0.5318	0.6003
pasture			0.5000	0.3333	0.5333	0.3333	0.1875
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.7500	0.2500	0.6608	0.3214	0.8025
pediatric-leukemia			0.5882	0.1176	0.3229	0.4758	0.2501
pendigits			0.2921	0.1416	0.1417	0.2116	0.3185
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.7150	0.2850	0.6841	0.3676	0.8151
phishing			0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.3308	0.1912	0.2091	0.2205	0.3888
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.4322	0.1622	0.2731	0.3242	0.2979
phone-gyr1%			0.4210	0.1654	0.2671	0.3109	0.3053
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7574	0.2426	0.7413	0.4669	0.7195
phy			0.4972	0.5028	0.3321	0.0000	0.5287
pima			0.7368	0.2632	0.7180	0.4294	0.7687
pirvision			0.9817	0.0122	0.9694	0.9431	0.1227
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7368	0.2632	0.7531	0.4809	0.6961
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5054	0.0989	0.1017	0.0253	0.2388
poker10%			0.5059	0.1235	0.1271	0.0199	0.2383
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9551	0.0449	0.7294	0.4288	0.4797
polish-5th			0.9340	0.0660	0.6550	0.1225	0.2859
polya			0.6692	0.3308	0.6455	0.2906	0.8639
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.4978	0.2009	0.3809	0.3741	0.3395
pred-tox_mutagen_ref-desc			0.5735	0.4265	0.5778	0.1471	0.9222
prestige			0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor			0.1515	0.0771	0.0303	0.0806	0.2986
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.7000	0.3000	0.7041	0.4000	0.7967
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.5849	0.1661	0.3017	0.4119	0.2578
puc-rio10%			0.5836	0.1666	0.3007	0.4100	0.2603
pufs-1281%			0.4883	0.5117	0.4883	-0.0233	1.0000
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.4988	0.5012	0.4988	-0.0021	0.9491
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.5400	0.0708	0.1069	0.3050	0.2787
re1-wc			0.4639	0.0429	0.0939	0.3246	0.2556
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.6174	0.1275	0.3711	0.5062	0.2791
satimageF			0.9627	0.0373	0.8974	0.7862	0.2607
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5588	0.4412	0.5648	0.1176	0.9174
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.6294	0.3706	0.6505	0.2800	0.8348
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.3896	0.1744	0.2989	0.2959	0.2378
segmentation			0.7970	0.2030	0.7769	0.5534	0.6891
segmentO			0.9351	0.0649	0.8622	0.6836	0.1749
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9560	0.0440	0.8819	0.7633	0.4382
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.2727	0.1322	0.1222	0.1999	0.2367
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8646	0.1354	0.7816	0.5510	0.6342
shuttle			0.9943	0.0016	0.4254	0.9839	0.0078
sick			0.9761	0.0239	0.8960	0.7685	0.0796
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.8824	0.1176	0.8288	0.6561	0.5764
skin10%			0.8734	0.1266	0.8145	0.6279	0.5989
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2033	0.3187	0.1174	-0.0038	0.4831
solar-flare			0.6691	0.1103	0.4455	0.5675	0.1476
sonar			0.6000	0.4000	0.6269	0.2000	0.7816
soybean			0.3235	0.0712	0.0775	0.2346	0.2269
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.7978	0.2022	0.7975	0.5893	0.6604
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.2500	0.0556	0.0454	0.1739	0.2729
splice-EI			0.9369	0.0631	0.9200	0.8382	0.3796
splice-IE			0.8139	0.1861	0.8228	0.5918	0.5348
sport-articles			0.7500	0.2500	0.7590	0.5000	0.7043
squash-stored			0.4000	0.4000	0.3030	0.0000	0.5733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7066	0.1956	0.5284	0.5140	0.2763
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9744	0.0256	0.7350	0.4328	0.4212
steel-k			0.9538	0.0462	0.9273	0.8516	0.2615
steel-o			0.7282	0.2718	0.6848	0.3042	0.6739
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8403	0.1597	0.7673	0.5244	0.6612
stockb			0.9824	0.0117	0.9825	0.9736	0.0528
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.5556	0.1778	0.4582	0.4462	0.1926
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.4308	0.2277	0.2044	0.1579	0.4100
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.5385	0.3077	0.4297	0.2500	0.4889
susy1%			0.7334	0.2666	0.7394	0.4710	0.7528
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.5344	0.2000	0.5887
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.2255	0.1408	0.1158	0.1615	0.2887
theorem			0.6841	0.3159	0.7557	0.4135	0.5120
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.6737	0.3263	0.6434	0.2861	0.8589
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7910	0.2090	0.7186	0.4371	0.7414
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.3529	0.3235	0.2625	0.1538	0.3884
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.8095	0.0635	0.4280	0.7246	0.1365
trec31-wc			0.7419	0.0860	0.4417	0.6420	0.1760
trec41-wc			0.6136	0.0773	0.2537	0.5111	0.1961
trec45-wc			0.4928	0.1014	0.2387	0.3949	0.2535
tuandromd			0.9619	0.0381	0.9417	0.8831	0.2949
turkish			0.5500	0.2250	0.4921	0.4000	0.4218
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.7615	0.2385	0.7397	0.4316	0.6327
tvnews10%			0.7564	0.2436	0.7349	0.4691	0.7555
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.4328	0.1260	0.2075	0.3212	0.2550

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.5000	0.2500	0.4741	0.3484	0.3450
vehicleVAN			0.9167	0.0833	0.8873	0.7742	0.4332
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.1919	0.1469	0.0929	0.1111	0.3237
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.3205	0.0679	0.0797	0.2153	0.3326
warpar10p			0.0769	0.1846	0.0200	0.0000	0.3191
warppie10p			0.2381	0.1524	0.1121	0.1579	0.2978
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.3479	0.1863	0.2460	0.2278	0.3604
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.3649	0.1814	0.2227	0.2576	0.3669
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.5760	0.2827	0.5774	0.3632	0.5628
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8000	0.1333	0.5513	0.6221	0.3391
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc			0.7500	0.1250	0.6776	0.6667	0.1172
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5723	0.1426	0.2077	0.2704	0.3232
winequality-white			0.5092	0.1402	0.1663	0.1887	0.3398
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.6667	0.3333	0.6590	0.1174	0.4718
yale			0.1875	0.1083	0.0660	0.1333	0.2696
yeast			0.3581	0.1284	0.1662	0.1955	0.2960
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.3828	0.1234	0.2024	0.2804	0.2763

Table 150: Detailed results for PCANN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1079	0.0615	0.0502	0.0201	0.4563
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.6000	0.4000	0.6000	0.2000	0.9288
ads		0.8994	0.1006	0.8382	0.6550	0.5587
adult		0.8505	0.1495	0.7792	0.5495	0.6092
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.4000	0.6000	0.3902	-0.2000	0.9308
AID644red		0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.9155	0.0845	0.8821	0.7617	0.4213
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7714	0.0914	0.3801	0.4560	0.3057
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8651	0.1349	0.8502	0.6986	0.5339
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9583	0.0209	0.7114	0.9199	0.0991
anuran-genus		0.9207	0.0198	0.6183	0.8688	0.1685
anuran-species		0.9361	0.0128	0.7283	0.9105	0.0806
anxiety		0.1167	0.1963	0.1154	0.0067	0.8077
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6500	0.3500	0.6641	0.3137	0.8299

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.7111	0.0444	0.3001	0.5297	0.2127
auction		0.9510	0.0490	0.8822	0.7555	0.3182
audiology		0.5652	0.0362	0.1624	0.4820	0.1272
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.8966	0.1034	0.9058	0.7943	0.3261
autos		0.8000	0.0667	0.6659	0.7394	0.1898
avila		0.6248	0.0625	0.4015	0.4674	0.3402
babies		0.4516	0.1567	0.1547	0.1375	0.3585
balance		0.9194	0.0538	0.8221	0.8501	0.1639
bank		0.9107	0.0893	0.7674	0.5338	0.5931
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8963	0.1037	0.8868	0.7681	0.4193
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9970	0.0030	0.9084	0.8121	0.2047
bio10%		0.9959	0.0041	0.8930	0.7836	0.4083
biodeg		0.9048	0.0952	0.9003	0.8000	0.4323
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%		0.0000	0.0690	0.0000	0.0000	0.0139
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.6242	0.2432	0.8417
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.5977	0.6700	0.0888
bridges		0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9770	0.0115	0.9709	0.9516	0.1357
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography		0.7934	0.0413	0.6299	0.7507	0.2099
cardiotocography-nsp		0.9108	0.0595	0.8420	0.7461	0.2704
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9949	0.0034	0.9948	0.9924	0.0173
cars		0.7750	0.1500	0.7037	0.5890	0.4099
cas_N6512_cdk_ECFP2		0.7035	0.2965	0.7007	0.4006	0.8169
cas_N6512_rdkit_ATOMPAIR		0.6892	0.3108	0.6909	0.3798	0.8282
cas_N6512_RDkit_AtomPair_FP		0.7040	0.2960	0.7039	0.4071	0.8140
cas_N6512_rdkit_AVALON		0.7512	0.2488	0.7522	0.5026	0.7433
cas_N6512_RDkit_Avalon_FP		0.7209	0.2791	0.7191	0.4381	0.7942
cas_N6512_rdkit_descriptors		0.7585	0.2415	0.7573	0.5146	0.7375
cas_N6512_rdkit_FEATMORGAN		0.7066	0.2934	0.7046	0.4092	0.8136
cas_N6512_RDkit_Featmorgan_FP		0.7316	0.2684	0.7318	0.4627	0.7753
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.7600	0.2400	0.7632	0.5219	0.7216
cas_N6512_RDkit_Layered_FP		0.7500	0.2500	0.7479	0.4955	0.7506
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7929	0.2071	0.7932	0.5853	0.6755
cas_N6512_rdkit_MORGAN		0.7369	0.2631	0.7352	0.4703	0.7711
cas_N6512_RDkit_morgan_FP		0.7377	0.2623	0.7372	0.4740	0.7683
cas_N6512_rdkit_PATTERN		0.6923	0.3077	0.6968	0.3885	0.8158
cas_N6512_RDkit_pattern_FP		0.7531	0.2469	0.7541	0.5064	0.7406
cas_N6512_rdkit_RDKITFP		0.7158	0.2842	0.7199	0.4348	0.7854
cas_N6512_rdkit_TORSION		0.6846	0.3154	0.6833	0.3665	0.8407
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8491	0.1006	0.4255	0.2022	0.3212
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7409	0.2591	0.7424	0.4713	0.7334
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9495	0.0505	0.7494	0.4915	0.5350
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9996	0.0004	0.8843	0.7643	0.2662
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8510	0.1490	0.7428	0.4594	0.6018
churn-bigml		0.8427	0.1573	0.6847	0.3694	0.7142
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0400	0.0192	0.0180	0.0303	0.3478
cirrhosis		0.7619	0.1587	0.5163	0.5161	0.3788
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7926	0.1037	0.5483	0.6748	0.3180
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5714	0.2857	0.5440	0.3263	0.6926
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.4858	0.0935	0.2273	0.3761	0.3422
coil20		0.4375	0.0563	0.3317	0.4080	0.1678
college		0.9091	0.0909	0.8921	0.7806	0.4581
collins		0.4400	0.0747	0.2982	0.3794	0.2863
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2		0.5862	0.4138	0.5288	0.0543	0.9466
colposcopies-3		0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.7241	0.2759	0.6234	0.2468	0.8309
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.9948	0.0035	0.8625	0.8790	0.0096
cottonmeloidogyne		0.7572	0.2428	0.7594	0.5137	0.7243
coupon		0.6869	0.3131	0.6773	0.3525	0.8393
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.9737	0.0263	0.9425	0.8832	0.2004
covtypeT		0.9722	0.0278	0.8847	0.7620	0.2905
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9995	0.0005	0.9239	0.8442	0.1659
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8903	0.0366	0.6414	0.7679	0.2759
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1250	0.0437	0.0620	0.0968	0.2926
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1700	0.2767	0.1375	0.0072	0.7099
cyclopentane		0.6667	0.3333	0.6582	0.3077	0.8482
cylinder-bands		0.8148	0.1852	0.8094	0.6170	0.6347
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8247	0.1753	0.7104	0.3852	0.6394
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9011	0.0989	0.7423	0.4811	0.6124
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.7500	0.1667	0.7690	0.6098	0.3265
DIA		0.8167	0.1833	0.7611	0.5217	0.6919
diabetes		0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5196	0.3203	0.3572	0.1152	0.5568
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6999	0.1201	0.6574	0.5670	0.3488
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5995	0.4005	0.5966	0.1922	0.9284
dota210%		0.5689	0.4311	0.5695	0.1386	0.9519
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7720	0.1520	0.6938	0.6176	0.4518
drug-01		0.3989	0.1717	0.1303	0.0540	0.5048
drug-02		0.5266	0.1353	0.1968	0.1453	0.4859
drug-03		0.6436	0.1018	0.1515	0.0729	0.4241
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4309	0.1626	0.1677	0.2569	0.3525
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5745	0.1216	0.2263	0.1952	0.4298
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5585	0.1261	0.1560	0.1648	0.3552
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-13		0.6117	0.1109	0.1717	0.2508	0.3342
drug-14		0.5851	0.1185	0.2013	0.2149	0.3983
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5904	0.1170	0.2428	0.3340	0.4005
drug-17		0.3617	0.1824	0.1313	0.0993	0.4357
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9206	0.0227	0.9322	0.9040	0.1331
ecoli		0.8529	0.0368	0.5432	0.7974	0.1292
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2500	0.3750	0.1666	0.0062	0.5763
eeg		0.3142	0.0857	0.2379	0.2388	0.6531
eeg-eye		0.7016	0.2984	0.6962	0.3880	0.8134
eeg10%		0.3215	0.0848	0.2021	0.2429	0.5088
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6164	0.1534	0.5676	0.5036	0.4602
euthyroid		0.9620	0.0380	0.8898	0.7790	0.3765
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9568	0.0432	0.9566	0.9133	0.2397
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.4510	0.5490	0.4411	-0.1174	1.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.8994	0.0335	0.8953	0.8779	0.0922
gastrointestinal		0.5625	0.2917	0.5833	0.3450	0.5419
gender		0.6189	0.2540	0.3925	0.1678	0.4898
gene		0.8833	0.0778	0.8737	0.8134	0.3078
german		0.6800	0.3200	0.6438	0.2873	0.8618
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8530	0.1470	0.8535	0.7056	0.5477
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7143	0.0952	0.6495	0.5949	0.2700
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP		0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.8571	0.1429	0.7955	0.5039	0.3038
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8452	0.1548	0.8465	0.6880	0.5623
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.2176	0.0625	0.5282
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.6208	0.1517	0.6211	0.5213	0.5080

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7858	0.0612	0.3545	0.6816	0.1778
har7010%		0.8068	0.0552	0.4821	0.7187	0.1922
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.7556	0.0407	0.3151	0.6628	0.2332
harth10%		0.6128	0.0645	0.2181	0.4500	0.2155
hayes-roth		0.5000	0.3333	0.5227	0.2471	0.5373
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack		0.9032	0.0968	0.9038	0.8058	0.4189
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8158	0.1842	0.8283	0.6324	0.5450
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6791	0.3209	0.6769	0.3527	0.8464
higgs1%		0.6296	0.3704	0.6271	0.2427	0.8764
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0000	0.2500	0.0000	-0.1329	0.4282
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.9140	0.0860	0.8439	0.6871	0.5042
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.4294	0.2544	0.4958
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.7188	0.1875	0.7233	0.5766	0.5052
ht-sensor10%		0.6795	0.2136	0.6867	0.5210	0.5489
htru2		0.9799	0.0201	0.9377	0.8744	0.2232
hypothyroid		0.9788	0.0106	0.6814	0.8736	0.1725
hypothyroidT		0.9947	0.0053	0.9811	0.9614	0.0242
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9346	0.8606	0.1858
iris		0.9333	0.0444	0.9303	0.8980	0.0943
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0976	0.0694	0.0486	0.0614	0.3542
jm1		0.8191	0.1809	0.6386	0.1763	0.5705
jvowels		0.8815	0.0263	0.8717	0.8656	0.1560
kc1		0.8673	0.1327	0.6944	0.3097	0.5233
kc1-class-level-defectiveornot		0.7333	0.2667	0.7159	0.4118	0.7427
kc1-class-level-numericdefect		0.7143	0.0238	0.0609	0.4043	0.0910
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6724	0.3440	0.7669
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9844	0.0024	0.2990	0.9735	0.0136
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krkopt		0.3515	0.0721	0.1929	0.2577	0.4535
krvskp		0.9875	0.0125	0.9875	0.9749	0.0906
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.3235	0.0338	0.1465	0.3055	0.1068
led24		0.6500	0.0700	0.6497	0.6045	0.1624
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.4400	0.0431	0.4446	0.4179	0.3920
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8056	0.0259	0.7861	0.7910	0.0832
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.2756	0.1317	0.1193	0.1393	0.4330
localization10%		0.4260	0.1044	0.1306	0.2326	0.4109
lrs		0.8679	0.0264	0.3881	0.8154	0.0572
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9043	0.0957	0.9033	0.8050	0.4227
madelon		0.5846	0.4154	0.5853	0.1692	0.9378
magic04		0.8706	0.1294	0.8556	0.7062	0.5044
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8327	0.6654	0.5984
marketing		0.8839	0.1161	0.7469	0.4865	0.6141
maternal		0.6535	0.2310	0.6681	0.4756	0.5287
math		0.6000	0.2000	0.5169	0.3951	0.5031
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.1867	0.3253	0.1874	-0.0167	0.8860
messidor		0.6522	0.3478	0.6432	0.2857	0.8808
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.6667	0.1667	0.5508	0.5242	0.3503
mfeat-fac		0.8300	0.0340	0.8372	0.8111	0.1352
mfeat-fou		0.7500	0.0500	0.7493	0.7222	0.2068
mfeat-kar		0.8950	0.0210	0.8970	0.8833	0.1201
mfeat-mor		0.7200	0.0560	0.7236	0.6889	0.1997
mfeat-pix		0.9050	0.0190	0.9104	0.8944	0.1049
mfeat-zer		0.7500	0.0500	0.7501	0.7222	0.2098
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8868	0.0755	0.8825	0.8281	0.2668
mines		0.5000	0.2000	0.4240	0.3711	0.4363
mobile		0.3322	0.0239	0.2753	0.3200	0.2448
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8361	0.1639	0.8185	0.6369	0.6155

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9727	0.0273	0.9465	0.8885	0.1311
MUT_ci300400a_cdk_ECFP2		0.7626	0.2374	0.7596	0.5177	0.7304
MUT_ci300400a_cdk_ECFP4		0.7353	0.2647	0.7345	0.4659	0.7660
MUT_ci300400a_cdk_ECFP6		0.7521	0.2479	0.7549	0.5035	0.7312
MUT_ci300400a_cdk_ESTATE		0.7398	0.2602	0.7314	0.4626	0.7715
MUT_ci300400a_cdk_EXTENDED		0.7878	0.2122	0.7845	0.5680	0.6893
MUT_ci300400a_cdk_FCFP2		0.7617	0.2383	0.7563	0.5124	0.7360
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.7590	0.2410	0.7611	0.5165	0.7224
MUT_ci300400a_cdk_MACCS		0.7842	0.2158	0.7770	0.5536	0.6989
MUT_ci300400a_cdk_PUBCHEM		0.8216	0.1784	0.8170	0.6340	0.6286
MUT_ci300400a_cdk_STANDARD		0.7605	0.2395	0.7560	0.5113	0.7365
MUT_ci300400a_rdkit_descriptors		0.7932	0.2068	0.7876	0.5748	0.6809
myocardial		0.8588	0.0353	0.2625	0.4182	0.3804
naticusdroid		0.9683	0.0317	0.9683	0.9366	0.1896
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.5000	0.1111	0.3333	0.4194	0.0833
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8707	0.0136	0.2068	0.6135	0.3157
ncRNA10%		0.7859	0.0225	0.1128	0.2112	0.2728
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6521	0.3479	0.6493	0.2976	0.8773
NHANES_age_prediction		0.8414	0.1586	0.4569	0.0000	0.3047
nomao		0.9463	0.0537	0.9340	0.8680	0.3120
NPHA-doctor-visits		0.5000	0.3333	0.3157	-0.0031	0.5510
nursery		0.9460	0.0216	0.5750	0.9200	0.0730
obesity		0.6872	0.0894	0.6816	0.6349	0.3509
obs		0.8611	0.0694	0.8788	0.7933	0.2096
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9921	0.0039	0.9749	0.9760	0.0423
oh0-wc		0.3663	0.1267	0.1159	0.2257	0.3316
oh10-wc		0.2762	0.1448	0.0871	0.1364	0.3803
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9649	0.0078	0.9668	0.9562	0.0222
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.8932	0.0214	0.8976	0.8813	0.1346
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.1500	0.0425	0.1084	0.1282	0.2294
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8557	0.1443	0.8435	0.6854	0.5704
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8570	0.7137	0.5439
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9781	0.0088	0.8595	0.8732	0.1481
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.8626	0.1374	0.8544	0.7088	0.5454

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons-small			0.7368	0.2632	0.4242	0.0000	0.4125
particle			0.8781	0.1219	0.8458	0.6904	0.5316
particle10%			0.8777	0.1223	0.8458	0.6907	0.5346
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9189	0.0811	0.5907	0.1483	0.6102
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.8944	0.0211	0.8988	0.8827	0.1294
period			0.8889	0.1111	0.8953	0.7692	0.4011
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9400	0.0600	0.9316	0.8622	0.3059
phishing			0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL			0.4281	0.5719	0.2998	0.0000	0.5287
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.7052	0.0842	0.6846	0.6555	0.2991
phone-acc1%			0.3844	0.1759	0.3323	0.2794	0.5508
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.5578	0.1263	0.5882	0.4854	0.3430
phone-gyr1%			0.5726	0.1221	0.5278	0.5003	0.3530
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7167	0.2833	0.4175	0.0000	0.4290
phy			0.7070	0.2930	0.7070	0.4139	0.8119
pima			0.7632	0.2368	0.7522	0.5043	0.7386
pirvision			0.9915	0.0057	0.9835	0.9731	0.0693
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.4737	0.5263	0.4722	-0.0556	1.0000
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5220	0.0956	0.1070	0.0578	0.2272
poker10%			0.5432	0.1142	0.1377	0.1172	0.2784
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9531	0.0469	0.6983	0.3244	0.4215
polish-5th			0.9408	0.0592	0.7148	0.3806	0.4716
polya			0.7492	0.2508	0.7275	0.4550	0.7678
popularity			0.6726	0.2182	0.4232	0.2395	0.4604
post-operative			0.7778	0.1481	0.5045	0.4000	0.2005
postures			0.7542	0.0983	0.7818	0.6926	0.2245
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6329	0.2647	0.8956
prestige			0.6667	0.2222	0.4938	0.4375	0.3541
primary-tumor			0.3030	0.0634	0.1241	0.2294	0.2574
processed			0.9999	0.0001	0.9998	0.9997	0.0025
profb			0.5522	0.4478	0.5040	0.0079	0.9519
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.7778	0.0889	0.5686	0.6886	0.2213
puc-rio10%			0.8859	0.0456	0.7947	0.8458	0.2135
pufs-1281%			0.4968	0.5032	0.4967	-0.0062	0.9850
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.4904	0.5096	0.4904	-0.0192	1.0000
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.5467	0.0697	0.1065	0.3541	0.2712
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6604	0.3396	0.6480	0.2961	0.8734
RT_IOT2022			0.7779	0.0370	0.1136	0.0684	0.1457
satimage			0.8678	0.0441	0.8454	0.8364	0.1987
satimageF			0.9891	0.0109	0.9721	0.9442	0.1683
satimageT			0.9347	0.0653	0.7988	0.5838	0.4705
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.6667	0.3333	0.4000	-0.1739	0.9159
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.4452	0.5548	0.3081	0.0000	0.5302
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9091	0.0260	0.9165	0.8937	0.1135
segmentation			0.8020	0.1980	0.7818	0.5630	0.6792
segmentO			0.9913	0.0087	0.9828	0.9655	0.1114
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.4974	0.0914	0.4447	0.4472	0.2973
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9027	0.0973	0.8008	0.5972	0.5476
shuttle			0.9955	0.0013	0.4258	0.9873	0.0089
sick			0.9735	0.0265	0.8829	0.7484	0.2081
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9992	0.0008	0.9988	0.9976	0.0147
skin10%			0.9988	0.0012	0.9981	0.9963	0.0247
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2200	0.3900	0.1579	-0.0285	0.6846
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2133	0.3147	0.1208	0.0136	0.5375
solar-flare			0.7338	0.0887	0.5610	0.6567	0.1914
sonar			0.5000	0.5000	0.5000	0.0000	0.9243
soybean			0.9559	0.0046	0.9175	0.9517	0.0238
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9217	0.0783	0.9179	0.8345	0.3591
spect			0.7778	0.2222	0.6786	0.3571	0.7720
spectf			0.8571	0.1429	0.8309	0.6602	0.5894
spectrometer			0.4340	0.0236	0.1216	0.3959	0.1648
splice-EI			0.9401	0.0599	0.9235	0.8456	0.3674
splice-IE			0.8991	0.1009	0.8678	0.7328	0.5105
sport-articles			0.8400	0.1600	0.8306	0.6606	0.5986
squash-stored			0.6000	0.2667	0.6667	0.4118	0.3599

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8376	0.1083	0.7994	0.7352	0.3222
steel-b			0.8256	0.1744	0.7113	0.4118	0.6926
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9744	0.0256	0.9604	0.9206	0.1989
steel-o			0.7897	0.2103	0.7650	0.5291	0.7037
steel-p			0.9333	0.0667	0.7601	0.5161	0.5590
steel-s			0.9897	0.0103	0.9348	0.8697	0.2729
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8611	0.1389	0.7518	0.5007	0.6469
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3400	0.2640	0.1565	-0.0470	0.4795
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.2883	0.0000	0.6255
susy1%			0.7980	0.2020	0.7964	0.5896	0.6600
susy10%			0.7968	0.2032	0.7956	0.5864	0.6573
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6421	0.4000	0.5145
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9345	0.0119	0.9414	0.9278	0.0743
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9579	0.0421	0.9527	0.9043	0.2230
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7015	0.2985	0.6455	0.2836	0.8056
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8235	0.0882	0.8312	0.7639	0.2082
toxicity			0.5882	0.4118	0.5662	0.1314	0.9243
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.9048	0.0317	0.9062	0.8704	0.1088
trec31-wc			0.6022	0.1326	0.2620	0.4339	0.2470
trec41-wc			0.4432	0.1114	0.1177	0.2605	0.3036
trec45-wc			0.3478	0.1304	0.1072	0.1709	0.3632
tuandromd			0.9843	0.0157	0.9756	0.9511	0.1408
turkish			0.8500	0.0750	0.8541	0.8000	0.1732
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%			0.8728	0.1272	0.8616	0.7174	0.4897
ur3_cobotops_grip			0.9741	0.0259	0.7430	0.4138	0.3208
ur3_cobotops_stop			0.9673	0.0327	0.6985	0.3209	0.3880
urban			0.8060	0.0431	0.8106	0.7740	0.1742

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7262	0.1369	0.6796	0.6305	0.2344
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5758	0.0771	0.5555	0.5333	0.2031
vowelZ			0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.4759	0.1498	0.4846	0.3860	0.5492
watch-acc10%			0.2754	0.2070	0.2230	0.1550	0.4522
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.4214	0.1653	0.3986	0.3221	0.5323
watch-gyr10%			0.3135	0.1961	0.2720	0.1972	0.5479
water_pollution			0.2733	0.3633	0.2732	0.0314	0.8508
waveform			0.8480	0.1013	0.8484	0.7720	0.3542
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8444	0.1037	0.7688	0.7233	0.4437
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.6252	0.1499	0.6225	0.5303	0.5096
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5597	0.1468	0.2645	0.2811	0.4105
winequality-white			0.5399	0.1315	0.2856	0.2611	0.3862
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9583	0.0119	0.7616	0.9472	0.0803
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.5625	0.0583	0.4911	0.5314	0.1099
yeast			0.5811	0.0838	0.3548	0.4595	0.3850
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.6645	0.0671	0.6311	0.6299	0.2200

Table 151: Detailed results for PDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1175	0.0609	0.1266	0.0479	0.5074
abalone19		0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9800	0.0200	0.5264	0.0256	0.4293
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.8391	0.1609	0.7621	0.5162	0.6418
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_KlekotaRothFingerprinter		0.6587	0.3413	0.4891	-0.0150	0.5306
AID_1431_MACCSFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878		0.7810	0.2190	0.5274	0.0458	0.8007
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8586	0.0943	0.3080	-0.0312	0.3708
AID1284Morered		0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red		0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608Morered		0.8058	0.1942	0.4989	-0.0019	0.5760
AID1608red		0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red		0.9720	0.0280	0.4929	-0.0142	0.5507
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.9975	0.0025	0.4994	-0.0012	0.4477
AID439Morered		0.8571	0.1429	0.8250	0.5882	0.5283
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9770	0.0230	0.4942	-0.0053	0.1896
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9982	0.0018	0.4995	-0.0009	0.5226
AID644Morered		0.4500	0.5500	0.3740	-0.2500	0.9654
AID644red		0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red		0.9979	0.0021	0.4995	-0.0009	0.3503
AID687red		0.9946	0.0054	0.4986	-0.0027	0.5342
AID688red		0.9893	0.0107	0.4973	-0.0025	0.4301
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.4444	0.5556	0.3077	-0.3636	0.8576
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8263	0.1737	0.7474	0.4858	0.6648
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8697	0.1303	0.8671	0.7341	0.5156
alcohol		0.7619	0.0952	0.3337	0.4638	0.4070
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8326	0.1674	0.8158	0.6315	0.6194
anneal		0.9663	0.0135	0.9634	0.9317	0.1560
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9875	0.0125	0.4969	-0.0056	0.5615
anuran-family		0.9179	0.0410	0.7402	0.8442	0.3075
anuran-genus		0.9318	0.0170	0.8241	0.8892	0.2785
anuran-species		0.9403	0.0119	0.8531	0.9167	0.1420
anxiety		0.0833	0.2037	0.0828	-0.0334	0.8308
apple-quality		0.7325	0.2675	0.7341	0.4650	0.7679
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.7853	0.2147	0.5307	0.0099	0.1021
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.7333	0.0410	0.3843	0.5519	0.1923
auction		0.8725	0.1275	0.6124	0.1467	0.5667

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.6957	0.0254	0.2864	0.6552	0.0442
audit-risk		0.9231	0.0769	0.9229	0.8339	0.2435
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.7931	0.2069	0.7967	0.5877	0.6595
autos		0.8000	0.0667	0.6553	0.7324	0.1641
avila		0.5093	0.0818	0.3668	0.2654	0.6039
babies		0.4274	0.1636	0.1394	0.0980	0.4271
balance		0.8871	0.0753	0.6111	0.7875	0.2104
bank		0.9063	0.0937	0.7534	0.5052	0.6063
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8917	0.1083	0.8839	0.7529	0.3756
basehock		0.8392	0.1608	0.8392	0.6784	0.5843
bio		0.9957	0.0043	0.8636	0.6881	0.0570
bio10%		0.9966	0.0034	0.8943	0.7809	0.2098
biodeg		0.8476	0.1524	0.8403	0.6800	0.5791
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6060	0.1970	0.6079	0.4746	0.5151
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5969	0.5600	0.1943
bridges		0.8000	0.0571	0.5714	0.7143	0.0558
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8276	0.0862	0.5864	0.6379	0.3679
car-insurance		0.8250	0.1750	0.7928	0.5848	0.6472
card		0.8841	0.1159	0.8859	0.7665	0.4642
cardiotocography		0.7418	0.0516	0.6833	0.6918	0.3258
cardiotocography-nsp		0.8779	0.0814	0.7556	0.6558	0.4017
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5884	0.4850	0.3959
cas_N6512_cdk_ECFP2		0.7573	0.2427	0.7551	0.5095	0.7381
cas_N6512_rdkit_ATOMPAIR		0.7154	0.2846	0.7129	0.4253	0.8013
cas_N6512_RDkit_AtomPair_FP		0.7408	0.2592	0.7385	0.4759	0.7634
cas_N6512_rdkit_AVALON		0.7742	0.2258	0.7729	0.5457	0.7119
cas_N6512_RDkit_Avalon_FP		0.7991	0.2009	0.7997	0.5980	0.6626
cas_N6512_rdkit_descriptors		0.7415	0.2585	0.7401	0.4802	0.7641
cas_N6512_rdkit_FEATMORGAN		0.7389	0.2611	0.7375	0.4750	0.7680
cas_N6512_RDkit_Featmorgan_FP		0.7669	0.2331	0.7650	0.5294	0.7231
cas_N6512_RDkit_FP		0.7224	0.2776	0.7199	0.4390	0.7909
cas_N6512_rdkit_LAYERED		0.7646	0.2354	0.7634	0.5268	0.7277
cas_N6512_RDkit_Layered_FP		0.7607	0.2393	0.7587	0.5168	0.7329
cas_N6512_rdkit_MACCS		0.7558	0.2442	0.7536	0.5048	0.7366
cas_N6512_RDkit_MACCS_FP		0.7546	0.2454	0.7537	0.5072	0.7433
cas_N6512_rdkit_MORGAN		0.7462	0.2538	0.7440	0.4877	0.7566

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.7684	0.2316	0.7672	0.5344	0.7215
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.7699	0.2301	0.7690	0.5378	0.7186
cas_N6512_rdkit_RDKITFP		0.7174	0.2826	0.7160	0.4320	0.7986
cas_N6512_rdkit_TORSION		0.7292	0.2708	0.7273	0.4545	0.7824
ccds1%		0.7967	0.2033	0.4892	-0.0126	0.3696
cdc_diabetes		0.8453	0.1031	0.4252	0.2298	0.3503
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7409	0.2591	0.7292	0.4543	0.7635
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9683	0.0317	0.7881	0.5658	0.4524
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9380	0.0620	0.6000	0.1916	0.6294
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9422	0.0578	0.7502	0.4998	0.5756
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H		0.9186	0.0814	0.7964	0.4992	0.5131
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9993	0.0007	0.8554	0.6925	0.5051
chrom191%		0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%		0.9989	0.0011	0.8248	0.6245	0.5256
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8050	0.1950	0.6326	0.2150	0.6852
churn-bigml		0.8539	0.1461	0.6593	0.3034	0.6921
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.5065	0.4420	0.3443
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7991	0.1005	0.5555	0.6826	0.3190
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9200	0.0800	0.7382	0.3103	0.1938
cmc		0.4762	0.3492	0.4499	0.1693	0.7574
cnae-9		0.9352	0.0144	0.9365	0.9271	0.0602
codon_usage		0.8258	0.0317	0.6467	0.7885	0.3136
coil20		0.9375	0.0063	0.9434	0.9342	0.0387
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2		0.7241	0.2759	0.6954	0.3696	0.7628
colposcopies-3		0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4		0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7586	0.2414	0.6545	0.3072	0.7986
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7419	0.1720	0.6847	0.5804	0.4082
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7764	0.2236	0.7764	0.5529	0.7067
coupon		0.6814	0.3186	0.6718	0.3421	0.8468
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.6790	0.0917	0.5290	0.4942	0.5424
covtypeCD		0.9250	0.0751	0.8246	0.6318	0.4266

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9210	0.0790	0.7215	0.4406	0.6251
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9994	0.0006	0.9045	0.8082	0.2814
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8829	0.0390	0.7753	0.7533	0.3493
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.3125	0.0344	0.2059	0.2946	0.0962
customer-churn		0.9786	0.0214	0.5365	0.0161	0.2720
cybersecurity		0.1667	0.2778	0.1675	-0.0025	0.8775
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7407	0.2593	0.7326	0.4638	0.7670
darwin		0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8150	0.1850	0.6868	0.3084	0.6094
defect		0.8858	0.1142	0.7564	0.4416	0.4305
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8980	0.1020	0.7290	0.4522	0.6191
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.3639	0.1351	0.4618
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7333	0.2667	0.6444	0.2889	0.8189
diabetes		0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5588	0.2941	0.5077	0.2468	0.7060
diabetic10%		0.5000	0.3333	0.3734	0.0676	0.7482
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all		0.6027	0.1589	0.4938	0.4172	0.5132
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9964	0.0036	0.4991	-0.0012	0.4955
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5699	0.4301	0.5664	0.1320	0.9528
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7562	0.1625	0.6823	0.5903	0.4632
drug-01		0.4149	0.1672	0.1834	0.0926	0.6112
drug-02		0.4894	0.1459	0.1740	0.1127	0.6238
drug-03		0.6543	0.0988	0.1296	0.0162	0.4023
drug-04		0.5053	0.1413	0.2065	0.1024	0.6825
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.2406	0.2580	0.5488
drug-07		0.4468	0.1581	0.1335	0.0525	0.3554
drug-08		0.5638	0.1246	0.2342	0.1551	0.4937
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.2430	0.1600	0.4112
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.2560	0.2592	0.3933
drug-14		0.5904	0.1170	0.2568	0.2784	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.7394	0.0745	0.1230	0.0306	0.3804
drug-16		0.6064	0.1125	0.2738	0.3516	0.3924
drug-17		0.3617	0.1824	0.1656	0.1135	0.5045
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7500	0.0714	0.1224	-0.0246	0.3990
drybean		0.9037	0.0275	0.9277	0.8837	0.1246
ecoli		0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2700	0.3650	0.2703	0.0267	0.8354
eeg		0.3386	0.0827	0.3429	0.2696	0.7325
eeg-eye		0.6469	0.3531	0.6387	0.2701	0.8725
eeg10%		0.3249	0.0844	0.3568	0.2550	0.6716
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5890	0.1644	0.5780	0.4754	0.4542
euthyroid		0.9177	0.0823	0.7108	0.3474	0.4544
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8872	0.1128	0.8900	0.7752	0.4467
fakenews		0.5400	0.4600	0.5399	0.0798	0.9753
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.5081	0.0579	0.4658	0.4547	0.5249
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9020	0.0980	0.9028	0.7997	0.3894
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8846	0.0577	0.8558	0.8405	0.1843
gas		0.9533	0.0156	0.9530	0.9434	0.0858
gastrointestinal		0.7500	0.1667	0.6808	0.5817	0.4216
gender		0.6000	0.2667	0.3800	0.1424	0.5617
gene		0.9022	0.0652	0.8921	0.8447	0.2625
german		0.7400	0.2600	0.6980	0.3612	0.7202
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8444	0.1556	0.8455	0.6881	0.5618
gisette		0.9171	0.0829	0.9172	0.8343	0.3798
glass		0.6667	0.1111	0.4766	0.5180	0.3063
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9091	0.0909	0.7843	0.4634	0.5000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.5333	0.2333	0.6172	0.3787	0.3884
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.9680	0.0053	0.9040	0.9622	0.0356
har		0.7064	0.1174	0.7017	0.6285	0.4324
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7473	0.0722	0.4082	0.5948	0.2947

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har7010%		0.7494	0.0716	0.4082	0.5979	0.2298
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6484	0.0586	0.2143	0.4935	0.2651
harth10%		0.6476	0.0587	0.2182	0.4922	0.2679
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.5882	0.4118	0.5662	0.1314	0.9439
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure		0.8300	0.1700	0.7999	0.5992	0.6372
heart-quantum		0.9600	0.0400	0.9583	0.9167	0.2315
hepatitis		0.8000	0.2000	0.8077	0.5455	0.5283
hepmass1%		0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6564	0.3436	0.6536	0.3035	0.8668
higgs1%		0.6395	0.3605	0.6365	0.2658	0.8771
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0714	0.2321	0.0357	-0.0581	0.4322
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa		0.9140	0.0860	0.8439	0.6871	0.5042
hiva		0.9504	0.0496	0.5702	0.1355	0.6207
horse		0.6389	0.2407	0.6078	0.3818	0.6101
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.5523	0.2985	0.5535	0.3278	0.6876
ht-sensor10%		0.5370	0.3086	0.5383	0.3053	0.7015
htru2		0.9765	0.0235	0.9259	0.8436	0.1437
hypothyroid		0.9257	0.0371	0.4608	0.3831	0.3427
hypothyroidT		0.9363	0.0637	0.7301	0.2778	0.1636
ilpd		0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.8920	0.0540	0.9019	0.8560	0.1743
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9076	0.0071	0.9109	0.9039	0.0784
jm1		0.8154	0.1846	0.6294	0.1847	0.6292
jvowels		0.9277	0.0161	0.9227	0.9181	0.1086
kc1		0.8436	0.1564	0.6549	0.2940	0.7035
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.5000	0.0417	0.1016	0.2847	0.1548
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6724	0.3440	0.7669
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9951	0.0007	0.8527	0.9918	0.0719
kddcup9910%		0.9951	0.0005	0.7445	0.9917	0.1158
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2717	0.0809	0.2255	0.1726	0.5762
krvskp		0.9404	0.0596	0.9409	0.8809	0.2973

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
la1s-wc		0.7429	0.0857	0.7357	0.6793	0.4022
la2s-wc		0.7483	0.0839	0.7449	0.6852	0.3856
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5294	0.0235	0.3311	0.5130	0.0464
led24		0.6000	0.0800	0.5916	0.5493	0.1698
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.6930	0.0236	0.6979	0.6807	0.2860
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.7500	0.0333	0.7420	0.7316	0.0956
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.9981	0.0019	0.9022	0.7868	0.4689
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9344	0.0656	0.9309	0.8614	0.3380
localization		0.3929	0.1104	0.1647	0.1631	0.5283
localization10%		0.3902	0.1109	0.1653	0.1633	0.5512
lrs		0.8113	0.0377	0.4246	0.7358	0.1223
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.9286	0.0357	0.7135	0.8716	0.1130
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5500	0.4500	0.5505	0.1000	0.9637
magic04		0.7754	0.2246	0.7440	0.4765	0.7062
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8334	0.6662	0.5966
marketing		0.8884	0.1116	0.7461	0.4693	0.5664
maternal		0.6139	0.2574	0.6203	0.4041	0.5668
math		0.7500	0.1250	0.7222	0.6187	0.3924
mba		0.8226	0.1183	0.3781	0.0998	0.3791
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2400	0.3040	0.2440	0.0485	0.8390
messidor		0.7043	0.2957	0.7149	0.4173	0.7781
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.5576	0.6018	0.2237
meter-D		0.7778	0.1111	0.6350	0.6856	0.1970
mfeat-fac		0.9750	0.0050	0.9754	0.9722	0.0314
mfeat-fou		0.7950	0.0410	0.8004	0.7722	0.1707
mfeat-kar		0.9750	0.0050	0.9752	0.9722	0.0315
mfeat-mor		0.7300	0.0540	0.7356	0.7000	0.1746
mfeat-pix		0.9800	0.0040	0.9804	0.9778	0.0250
mfeat-zer		0.7900	0.0420	0.8008	0.7667	0.1453
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8019	0.1321	0.7905	0.6980	0.3935
mines		0.4706	0.2118	0.4670	0.3377	0.4639
mobile		0.7797	0.0079	0.7941	0.7757	0.1004
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
music		0.4644	0.0974	0.4639	0.3544	0.5738
musk		0.9288	0.0712	0.8524	0.6831	0.3424
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.7569	0.2431	0.7474	0.4927	0.7412
MUT_ci300400a_cdk_ESTATE		0.7182	0.2818	0.7083	0.4161	0.8023
MUT_ci300400a_cdk_EXTENDED		0.7950	0.2050	0.7893	0.5786	0.6801
MUT_ci300400a_cdk_FCFP2		0.7713	0.2287	0.7633	0.5262	0.7211
MUT_ci300400a_cdk_FCFP4		0.7842	0.2158	0.7762	0.5511	0.6964
MUT_ci300400a_cdk_FCFP6		0.7926	0.2074	0.7882	0.5760	0.6830
MUT_ci300400a_cdk_MACCS		0.7638	0.2362	0.7542	0.5044	0.7256
MUT_ci300400a_cdk_PUBCHEM		0.8323	0.1677	0.8266	0.6525	0.6033
MUT_ci300400a_cdk_STANDARD		0.7772	0.2228	0.7709	0.5418	0.7116
MUT_ci300400a_rdkit_descriptors		0.7694	0.2306	0.7629	0.5253	0.7226
myocardial		0.8294	0.0426	0.3700	0.3669	0.6475
naticusdroid		0.9485	0.0515	0.9491	0.8970	0.2600
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.8333	0.0370	0.5263	0.8000	0.0440
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8427	0.0166	0.2725	0.5745	0.6252
ncRNA10%		0.8444	0.0164	0.2788	0.5791	0.7307
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6461	0.3539	0.6434	0.2862	0.8845
NHANES_age_prediction		0.9692	0.0308	0.9446	0.8882	0.3004
nomao		0.9367	0.0633	0.9229	0.8458	0.3565
NPHA-doctor-visits		0.4583	0.3611	0.2471	-0.0939	0.5773
nursery		0.9144	0.0343	0.6674	0.8733	0.1108
obesity		0.8578	0.0406	0.8559	0.8341	0.1619
obs		0.8148	0.0926	0.8558	0.7226	0.2621
occupancy		0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation		0.9812	0.0094	0.9478	0.9417	0.0466
oh0-wc		0.8218	0.0356	0.8238	0.7948	0.1706
oh10-wc		0.6762	0.0648	0.6721	0.6309	0.3141
oh15-wc		0.6848	0.0630	0.6792	0.6413	0.3024
oh5-wc		0.7143	0.0571	0.7132	0.6761	0.2560
ohscal-wc		0.1129	0.1774	0.0203	0.0000	0.4003
olive		0.9298	0.0156	0.9140	0.9129	0.0503
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9520	0.0096	0.9545	0.9466	0.0656
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr		0.9170	0.0830	0.5849	0.1286	0.5935
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7887	0.2113	0.7714	0.5410	0.7019
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7302	0.2698	0.7286	0.4570	0.7803
p53-mutants10%		0.9745	0.0255	0.4935	-0.0056	0.1835
page-blocks		0.9415	0.0234	0.6650	0.6288	0.4180
parkinson		0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons		0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.9033	0.0967	0.8784	0.7562	0.4597

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle10%			0.8977	0.1023	0.8728	0.7456	0.4844
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9099	0.0901	0.5693	0.1246	0.6636
pcmac			0.4742	0.5258	0.4756	-0.0480	0.9944
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8158	0.1842	0.7634	0.5254	0.6906
pediatric-leukemia			0.7941	0.0588	0.7203	0.7421	0.1519
pendigits			0.8963	0.0207	0.8981	0.8847	0.1292
period			0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.8750	0.1250	0.8560	0.7095	0.5120
phishing			0.9429	0.0571	0.9400	0.8788	0.2812
PhiUSIIL10%			0.4283	0.5717	0.2999	0.0000	0.5287
phone-acc0.1%			0.6103	0.1114	0.5808	0.5427	0.3924
phone-acc1%			0.6124	0.1107	0.5729	0.5453	0.3963
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.5973	0.1151	0.5542	0.5271	0.3552
phone-gyr1%			0.6192	0.1088	0.5776	0.5534	0.3492
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7685	0.2315	0.7028	0.4029	0.7639
phy			0.7052	0.2948	0.7052	0.4104	0.8143
pima			0.7105	0.2895	0.6923	0.3323	0.7052
pirvision			0.9719	0.0187	0.9493	0.9083	0.1158
placement			0.7890	0.2110	0.7852	0.5699	0.6885
plant-growth			0.8947	0.1053	0.8944	0.7889	0.4478
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4927	0.1015	0.0927	-0.0072	0.2226
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9630	0.0370	0.6786	0.0689	0.1081
polish-2nd			0.9597	0.0403	0.5715	0.0413	0.3170
polish-3rd			0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th			0.9408	0.0592	0.5206	0.0195	0.5017
polish-5th			0.9289	0.0711	0.5982	0.1069	0.4629
polya			0.7849	0.2151	0.7598	0.5154	0.7027
popularity			0.6573	0.2285	0.4356	0.1924	0.5539
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.7817	0.0873	0.7837	0.7272	0.3074
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6353	0.2647	0.8828
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3333	0.0606	0.1827	0.2776	0.1612
processed			0.3221	0.6779	0.2436	0.0000	0.4941
profb			0.8209	0.1791	0.7970	0.5939	0.6524
promoters			0.7000	0.3000	0.6784	0.3478	0.8165
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8163	0.0735	0.7450	0.7499	0.2450
puc-rio10%			0.8171	0.0731	0.7284	0.7513	0.2417
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9729	0.0271	0.9145	0.8157	0.1259
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.6267	0.0574	0.5950	0.5471	0.5405
re1-wc			0.5542	0.0357	0.5725	0.5061	0.3803

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6096	0.3904	0.5797	0.1537	0.9203
RT_IOT2022			0.9747	0.0042	0.8652	0.9366	0.0420
satimage			0.8351	0.0550	0.7964	0.7954	0.2080
satimageF			0.9782	0.0218	0.9418	0.8803	0.1611
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.5556	0.4444	0.5303	0.0526	0.7987
schizo			0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8590	0.1410	0.5048	0.0092	0.6354
secondary_mushroom			0.8556	0.1444	0.8541	0.7082	0.5504
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9177	0.0235	0.9271	0.9038	0.0834
segmentation			0.8020	0.1980	0.7798	0.5574	0.6750
segmentO			0.9784	0.0216	0.9575	0.9148	0.2354
seismic			0.9419	0.0581	0.7070	0.3736	0.4979
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8583	0.1417	0.5882	0.1288	0.6474
sens-2-gram			0.8579	0.1421	0.5914	0.1464	0.6742
sens-3-gram			0.8579	0.1421	0.5991	0.1659	0.6820
sens-4-gram			0.8395	0.1605	0.5931	0.1792	0.7450
sens-5-gram			0.8474	0.1526	0.5720	0.1240	0.7215
sens-6-gram			0.8605	0.1395	0.5972	0.1524	0.6584
sens-7-gram			0.8500	0.1500	0.5672	0.1094	0.7067
sens-8-gram			0.8447	0.1553	0.5766	0.1377	0.7323
sens-9-gram			0.8737	0.1263	0.6440	0.2232	0.5844
sensorless			0.8410	0.0289	0.8407	0.8251	0.1496
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8800	0.1200	0.7278	0.3864	0.4885
shuttle			0.9414	0.0167	0.5959	0.8222	0.2469
sick			0.9496	0.0504	0.7711	0.5322	0.5020
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9326	0.0674	0.9039	0.8050	0.4257
skin10%			0.9306	0.0694	0.8996	0.7974	0.4323
smarket			0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming			0.2600	0.3700	0.2633	0.0170	0.8406
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2033	0.3187	0.2055	0.0024	0.8619
solar-flare			0.7770	0.0743	0.6952	0.7138	0.2037
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection			0.9455	0.0545	0.8210	0.6335	0.4472
spambase			0.8957	0.1043	0.8905	0.7776	0.4290
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.6857	0.3143	0.5795	0.1538	0.8769
spectrometer			0.5283	0.0197	0.2117	0.5013	0.1134
splice-EI			0.9369	0.0631	0.9250	0.8432	0.3707
splice-IE			0.9117	0.0883	0.8767	0.7532	0.4631
sport-articles			0.8200	0.1800	0.8037	0.5911	0.5877
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.4000	0.4000	0.3571	0.1667	0.5000

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7474	0.1684	0.7041	0.5958	0.4710
steel-b			0.8205	0.1795	0.7046	0.4005	0.7070
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9692	0.0308	0.9520	0.9020	0.1773
steel-o			0.7538	0.2462	0.7160	0.3916	0.6816
steel-p			0.9231	0.0769	0.7226	0.4417	0.6031
steel-s			0.9795	0.0205	0.8697	0.7393	0.4154
steel-z			0.9641	0.0359	0.9061	0.8093	0.4129
stellar			0.8551	0.0966	0.8349	0.7269	0.3097
stock			0.8958	0.1042	0.8069	0.5931	0.4811
stockb			0.9075	0.0617	0.9127	0.8613	0.1621
streaming			0.7980	0.2020	0.7956	0.5911	0.6705
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5800	0.1680	0.3293	0.3475	0.4407
student-depression			0.8337	0.1663	0.8274	0.6527	0.5952
student-habits			0.4100	0.2360	0.1887	0.0635	0.4615
student-weekend			0.3538	0.2585	0.2429	0.1188	0.7329
student-workday			0.6719	0.1313	0.2261	0.1986	0.6653
studentap			0.5385	0.3077	0.5220	0.2778	0.5861
susy1%			0.7578	0.2422	0.7663	0.4977	0.6399
susy10%			0.7622	0.2378	0.7706	0.5070	0.6330
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8085	0.1915	0.5444	0.0824	0.7852
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.6853	0.3688	0.7800
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.8780	0.0271	0.7924	0.8475	0.0747
trec12-wc			0.8387	0.0403	0.8710	0.8013	0.1106
trec21-wc			0.9697	0.0121	0.7958	0.9345	0.0286
trec23-wc			0.8095	0.0635	0.8421	0.7565	0.1869
trec31-wc			0.9462	0.0179	0.9531	0.9281	0.0728
trec41-wc			0.7727	0.0455	0.6984	0.7179	0.2694
trec45-wc			0.7101	0.0580	0.6787	0.6568	0.2326
tuandromd			0.9776	0.0224	0.9659	0.9315	0.2128
turkish			0.7500	0.1250	0.7540	0.6667	0.2694
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9254	0.8507	0.3453
tvnews10%			0.8951	0.1049	0.8862	0.7709	0.4485
ur3_cobotops_grip			0.9673	0.0327	0.6361	0.1894	0.4211
ur3_cobotops_stop			0.9605	0.0395	0.5581	0.0556	0.4307
urban			0.7910	0.0464	0.8078	0.7557	0.1703
urinalysis			0.9441	0.0559	0.7030	0.3998	0.5822
ustilago1%			0.9870	0.0130	0.4967	-0.0049	0.5377

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vehicle			0.7262	0.1369	0.7037	0.6347	0.2377
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5758	0.0771	0.5916	0.5333	0.2180
vowelZ			0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7628	0.0237	0.5745	0.7333	0.1490
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.5789	0.1203	0.5608	0.5060	0.4571
watch-acc10%			0.6725	0.0936	0.6444	0.6162	0.3038
watch-gyr1%			0.5727	0.1221	0.5509	0.5007	0.4445
watch-gyr10%			0.5332	0.1334	0.5149	0.4536	0.4871
water_pollution			0.2100	0.3950	0.2113	-0.0533	0.8877
waveform			0.8440	0.1040	0.8442	0.7660	0.3600
weather-related			0.9327	0.0122	0.9385	0.9235	0.0774
web-phishing			0.7778	0.1481	0.6075	0.5859	0.4961
Weekly			0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift			0.1745	0.3302	0.0594	0.0000	0.4014
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9850	0.0075	0.9854	0.9800	0.0341
wilt			0.9420	0.0580	0.5891	0.1517	0.5927
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5912	0.1363	0.2781	0.3378	0.4660
winequality-white			0.5112	0.1396	0.2643	0.2317	0.5220
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.9375	0.0083	0.9164	0.9328	0.0137
yeast			0.5203	0.0959	0.3786	0.3906	0.4318
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.9065	0.0187	0.8979	0.8951	0.1380

Table 152: Detailed results for PLR(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1518	0.0808	0.0957	0.0619	0.4294
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.2369	0.7631	0.1915	0.0000	0.4299
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.8333	0.1667	0.4545	-0.0907	0.7189
AID_1431_MACCSFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878		0.7810	0.2190	0.4948	-0.0075	0.7914
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered		0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8592	0.1408	0.7963	0.5801	0.5679
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8744	0.1256	0.8719	0.7435	0.5028
alcohol		0.7429	0.1029	0.2558	0.3802	0.2694
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8465	0.1535	0.8300	0.6591	0.5847
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9889	0.0111	0.4972	-0.0042	0.5331
anuran-family		0.9388	0.0306	0.6896	0.8811	0.1552
anuran-genus		0.9527	0.0118	0.8787	0.9215	0.1834
anuran-species		0.9583	0.0083	0.9107	0.9418	0.0745
anxiety		0.0833	0.2037	0.0827	-0.0334	0.8316
apple-quality		0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.7111	0.0444	0.3463	0.5055	0.2894
auction		0.9020	0.0980	0.7385	0.4276	0.4934

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.9545	0.0083	0.9821	0.9466	0.0299
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7500	0.0833	0.5624	0.6564	0.1420
avila		0.5347	0.0775	0.3898	0.2891	0.3280
babies		0.4355	0.1613	0.1831	0.1066	0.4376
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.4975	0.5025	0.3322	0.0000	0.5286
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.9030	0.7980	0.4348
biodeg		0.8762	0.1238	0.8713	0.7412	0.5090
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5866	0.2067	0.5756	0.4488	0.5248
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5820	0.5686	0.1361
bridges		0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8506	0.0747	0.6296	0.6796	0.3505
car-insurance		0.8320	0.1680	0.8008	0.6003	0.6312
card		0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography		0.7746	0.0451	0.7286	0.7270	0.2339
cardiotocography-nsp		0.8920	0.0720	0.8070	0.7004	0.3640
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5850	0.4643	0.5576
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7415	0.2585	0.7399	0.4798	0.7642
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.7132	0.2868	0.7109	0.4215	0.8046
cas_N6512_rdkit_LAYERED		0.7523	0.2477	0.7512	0.5023	0.7473
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.7400	0.2600	0.7380	0.4758	0.7664

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.7592	0.2408	0.7575	0.5150	0.7367
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.7220	0.2780	0.7209	0.4417	0.7919
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.9615	0.0385	0.6177	0.1165	0.3554
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7650	0.5295	0.7134
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9453	0.0547	0.5962	0.1558	0.5648
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml		0.8689	0.1311	0.6742	0.2844	0.5710
ci900367j_MACCS		0.7474	0.2526	0.7289	0.4574	0.7669
circles		0.9860	0.0003	0.9874	0.9859	0.0052
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7704	0.1148	0.4942	0.6232	0.3001
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4762	0.3492	0.4428	0.1645	0.7594
cnae-9		0.9630	0.0082	0.9649	0.9583	0.0373
codon_usage		0.8573	0.0260	0.6736	0.8259	0.2298
coil20		0.9931	0.0007	0.9933	0.9927	0.0048
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		0.6400	0.0480	0.5713	0.5989	0.1712
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4		0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7586	0.2414	0.6545	0.3072	0.7986
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7740	0.2260	0.7741	0.5481	0.7105
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.7119	0.0823	0.5104	0.5253	0.3631

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8811	0.0396	0.6879	0.7462	0.2867
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1875	0.0406	0.1364	0.1655	0.1226
customer-churn		0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity		0.1500	0.2833	0.1539	-0.0227	0.8869
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.7407	0.2593	0.7349	0.4698	0.7686
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8147	0.1853	0.6859	0.3008	0.5989
defect		0.8827	0.1173	0.7477	0.4323	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9013	0.0987	0.7201	0.4163	0.5765
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.7500	0.1667	0.7879	0.6098	0.2812
DIA		0.7167	0.2833	0.6306	0.2609	0.8304
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5588	0.2941	0.3728	0.1584	0.5091
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6496	0.1402	0.5373	0.4846	0.4207
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5689	0.4311	0.5655	0.1301	0.9537
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7652	0.1565	0.6778	0.6011	0.4577
drug-01		0.4202	0.1657	0.1676	0.0827	0.5155
drug-02		0.5106	0.1398	0.1695	0.1090	0.5257
drug-03		0.6809	0.0912	0.1346	0.0504	0.3234
drug-04		0.5213	0.1368	0.2076	0.0788	0.4360
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.2298	0.2555	0.4852
drug-07		0.4521	0.1565	0.1362	0.0622	0.3545
drug-08		0.5638	0.1246	0.2096	0.1267	0.4212
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5585	0.1261	0.2216	0.1488	0.3650
drug-11		0.8511	0.0426	0.1317	0.0277	0.1222
drug-12		0.7872	0.0608	0.1258	-0.0056	0.2801
drug-13		0.6223	0.1079	0.2516	0.2348	0.3682
drug-14		0.6011	0.1140	0.2882	0.2552	0.3949

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.7447	0.0729	0.1231	0.0221	0.2863
drug-16		0.6064	0.1125	0.2573	0.3335	0.3851
drug-17		0.3723	0.1793	0.1790	0.1241	0.4899
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7553	0.0699	0.1233	-0.0042	0.2725
drybean		0.9243	0.0216	0.9362	0.9085	0.1243
ecoli		0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2800	0.3600	0.2797	0.0399	0.8248
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6315	0.3685	0.6223	0.2378	0.8892
eeg10%		0.3689	0.0789	0.3759	0.2978	0.5750
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6164	0.1534	0.5768	0.5052	0.4118
euthyroid		0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8890	0.1110	0.8897	0.7781	0.4587
fakenews		0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.8293	0.0201	0.7981	0.8053	0.1282
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9038	0.0481	0.8722	0.8669	0.1441
gas		0.8555	0.0482	0.7800	0.8227	0.1038
gastrointestinal		0.6875	0.2083	0.6932	0.4805	0.4507
gender		0.6000	0.2667	0.3792	0.1413	0.5118
gene		0.9180	0.0547	0.9059	0.8688	0.2249
german		0.7700	0.2300	0.7372	0.4390	0.6592
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8040	0.1960	0.8039	0.6077	0.6563
gisette		0.9714	0.0286	0.9714	0.9429	0.1749
glass		0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4667	0.2667	0.5278	0.2638	0.4580
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.8188	0.0302	0.6955	0.7867	0.1209
har		0.7370	0.1052	0.7263	0.6659	0.4066
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7655	0.0670	0.4275	0.6214	0.1800
har7010%		0.7621	0.0680	0.4177	0.6159	0.1839

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6575	0.0571	0.2274	0.5051	0.2265
harth10%		0.6571	0.0571	0.2297	0.5041	0.2304
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8366	0.1634	0.8366	0.6731	0.5905
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6591	0.3409	0.6564	0.3100	0.8661
higgs1%		0.6418	0.3582	0.6388	0.2717	0.8777
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1667	0.1716	0.2951
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9292	0.0708	0.8719	0.7433	0.4465
hiva		0.9504	0.0496	0.4873	-0.0207	0.6215
horse		0.6111	0.2593	0.5873	0.3412	0.6284
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.5726	0.2850	0.5751	0.3580	0.6564
ht-sensor10%		0.5541	0.2972	0.5564	0.3309	0.6760
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9523	0.0239	0.5918	0.6493	0.1389
hypothyroidT		0.9735	0.0265	0.8999	0.7782	0.0870
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9460	0.0270	0.9465	0.9280	0.1052
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8883	0.0086	0.8744	0.8839	0.0859
jm1		0.8209	0.1791	0.6455	0.1720	0.5323
jvowels		0.9367	0.0141	0.9324	0.9283	0.0974
kc1		0.8531	0.1469	0.6581	0.2727	0.6396
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.5385	0.1846	0.1647	0.1522	0.4293
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.7905	0.0322	0.3366	0.6333	0.0850
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2827	0.0797	0.2182	0.1791	0.5285
krvskp		0.9718	0.0282	0.9717	0.9435	0.1739
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7941	0.0179	0.7861	0.7840	0.0552

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.6000	0.0800	0.5906	0.5556	0.1628
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7145	0.0220	0.7132	0.7030	0.2710
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8333	0.0222	0.8389	0.8210	0.0733
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.9204	0.0796	0.9148	0.8292	0.3758
localization		0.3968	0.1097	0.1672	0.1611	0.4943
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8113	0.0377	0.3516	0.7341	0.1095
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5692	0.4308	0.5705	0.1385	0.9456
magic04		0.7817	0.2183	0.7523	0.4971	0.7031
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8430	0.6859	0.5749
marketing		0.9018	0.0982	0.7768	0.5110	0.4530
maternal		0.6337	0.2442	0.6411	0.4348	0.5369
math		0.7000	0.1500	0.6954	0.5398	0.3890
mba		0.8242	0.1172	0.3834	0.1130	0.3773
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2400	0.3040	0.2448	0.0484	0.8369
messidor		0.7217	0.2783	0.7201	0.4390	0.7902
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9700	0.0060	0.9703	0.9667	0.0378
mfeat-fou		0.8400	0.0320	0.8454	0.8222	0.1473
mfeat-kar		0.9550	0.0090	0.9552	0.9500	0.0566
mfeat-mor		0.7100	0.0580	0.7090	0.6778	0.2204
mfeat-pix		0.9600	0.0080	0.9612	0.9556	0.0449
mfeat-zer		0.7150	0.0570	0.6931	0.6833	0.1741
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8868	0.0755	0.8903	0.8293	0.2463
mines		0.5294	0.1882	0.4410	0.4093	0.3850
mobile		0.7203	0.0100	0.7458	0.7152	0.1321
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4833	0.0939	0.4803	0.3704	0.5363
musk		0.9409	0.0591	0.8796	0.7418	0.2793
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.7557	0.2443	0.7469	0.4929	0.7458
MUT_ci300400a_cdk_ESTATE		0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.7830	0.2170	0.7777	0.5554	0.7009
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.7808	0.2192	0.7749	0.5497	0.7052
MUT_ci300400a_rdkit_descriptors		0.7882	0.2118	0.7822	0.5635	0.6890
myocardial		0.8882	0.0279	0.3864	0.4922	0.2037
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8798	0.0126	0.2850	0.6290	0.2104
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.2855	0.7145	0.2221	0.0000	0.4710
NPHA-doctor-visits		0.4861	0.3426	0.2694	-0.0517	0.5491
nursery		0.9144	0.0343	0.5560	0.8731	0.1270
obesity		0.7393	0.0745	0.7329	0.6956	0.2727
obs		0.8056	0.0972	0.8575	0.7094	0.2240
occupancy		0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation		0.9931	0.0035	0.9755	0.9789	0.0128
oh0-wc		0.8218	0.0356	0.8160	0.7941	0.1607
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.7065	0.0587	0.7002	0.6667	0.2908
oh5-wc		0.7802	0.0440	0.7877	0.7505	0.1943
olive		0.9649	0.0078	0.9602	0.9565	0.0253
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9142	0.0858	0.6481	0.0732	0.2673
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9573	0.0085	0.9585	0.9525	0.0637
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr		0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7990	0.2010	0.7826	0.5634	0.6839
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9616	0.0154	0.6895	0.7603	0.2773
parkinson		0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons		0.8009	0.1991	0.7951	0.5872	0.6668
parkinsons-small		0.8421	0.1579	0.8114	0.6175	0.6233
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.9038	0.0962	0.8821	0.7641	0.4704
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4639	0.5361	0.4546	-0.0907	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
pd		0.8289	0.1711	0.7760	0.5517	0.6697
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.9372	0.0126	0.9369	0.9302	0.0951
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.9250	0.0750	0.9158	0.8215	0.2735
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%		0.4314	0.1625	0.3586	0.3412	0.3554
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%		0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%		0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.7593	0.2407	0.6882	0.3725	0.7782
phy		0.4972	0.5028	0.3321	0.0000	0.5287
pima		0.6974	0.3026	0.6735	0.3063	0.7532
pirvision		0.9902	0.0065	0.9830	0.9690	0.0707
placement		0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth		0.8421	0.1579	0.8427	0.6816	0.5635
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd		0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd		0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th		0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th		0.9340	0.0660	0.6513	0.1856	0.4048
polya		0.3578	0.6422	0.2635	0.0000	0.5109
popularity		0.3135	0.4577	0.1591	0.0000	0.3128
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.7019	0.1192	0.6296	0.6257	0.2965
pred-tox_mutagen_ref-desc		0.6912	0.3088	0.6919	0.3824	0.8284
prestige		0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor		0.5152	0.0746	0.5103	0.4623	0.2568
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.8657	0.1343	0.8497	0.6990	0.5534
promoters		0.8000	0.2000	0.8077	0.5455	0.4011
prostate		0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE		0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio		0.8242	0.0703	0.7575	0.7611	0.2467
puc-rio10%		0.8304	0.0678	0.7595	0.7699	0.2410
pufs-1281%		0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%		0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%		0.5002	0.4998	0.3334	0.0000	0.5283
pulsar		0.9792	0.0208	0.9355	0.8661	0.1535
raisin		0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc		0.3133	0.1056	0.3839	0.2604	0.4761
re1-wc		0.0181	0.0786	0.0014	0.0000	0.3595
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		0.5423	0.4577	0.3516	0.0000	0.5201
rice		0.9868	0.0132	0.9867	0.9733	0.0921
rnaseq		0.1750	0.3300	0.0596	0.0000	0.3826
rocket		0.6096	0.3904	0.5811	0.1576	0.9222
RT_IOT2022		0.0336	0.1611	0.0054	0.0000	0.1744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimage			0.8336	0.0555	0.7848	0.7920	0.1943
satimageF			0.9844	0.0156	0.9595	0.9188	0.1877
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8782	0.1218	0.6244	0.2345	0.6250
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9351	0.0186	0.9415	0.9241	0.0761
segmentation			0.8168	0.1832	0.7977	0.5945	0.6489
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8579	0.1421	0.5914	0.1464	0.6742
sens-4-gram			0.8289	0.1711	0.5885	0.1745	0.7566
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.1817	0.1488	0.0639	0.1000	0.3347
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8856	0.1144	0.7440	0.4269	0.4764
shuttle			0.9333	0.0191	0.5100	0.7934	0.1899
sick			0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9189	0.0811	0.8780	0.7558	0.4664
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1600	0.4200	0.1558	-0.1194	0.8889
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2033	0.3187	0.2056	0.0026	0.8626
solar-flare			0.7554	0.0815	0.6869	0.6850	0.1857
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9435	0.0565	0.8130	0.6159	0.4539
spambase			0.9087	0.0913	0.9043	0.8058	0.3907
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.4231	0.0427	0.2576	0.3882	0.2031
splice-EI			0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE			0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles			0.8100	0.1900	0.7917	0.5709	0.6237
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.2667	0.2857	0.2308	0.1805
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7534	0.1644	0.7004	0.5984	0.4701
steel-b			0.8308	0.1692	0.7118	0.3990	0.6566
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9795	0.0205	0.9685	0.9371	0.1800
steel-o			0.7744	0.2256	0.7417	0.4507	0.6572
steel-p			0.9282	0.0718	0.7214	0.4253	0.5579
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.9313	0.0458	0.9235	0.8765	0.2097
stock			0.9028	0.0972	0.8270	0.6505	0.5175

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8000	0.2000	0.7975	0.5949	0.6667
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4900	0.2040	0.2913	0.1386	0.3583
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend			0.3385	0.2646	0.2131	0.0848	0.7165
student-workday			0.6719	0.1313	0.1686	0.1004	0.4862
studentap			0.3846	0.4103	0.3693	0.0545	0.7363
susy1%			0.7944	0.2056	0.7941	0.5801	0.6514
susy10%			0.7893	0.2107	0.7891	0.5695	0.6596
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8433	0.1567	0.7829	0.5645	0.6407
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.9268	0.0163	0.8372	0.9092	0.0501
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.8250	0.0875	0.8220	0.7667	0.1972
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9261	0.8520	0.3518
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7910	0.0464	0.8217	0.7567	0.1686
urinalysis			0.9510	0.0490	0.7039	0.3436	0.4349
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7619	0.1190	0.7423	0.6821	0.1910
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5152	0.0882	0.4616	0.4667	0.2174
vowelZ			0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2167	0.3917	0.2181	-0.0444	0.8838
waveform			0.8500	0.1000	0.8502	0.7750	0.3520
weather-related			0.9673	0.0059	0.9686	0.9629	0.0488
web-phishing			0.8222	0.1185	0.6635	0.6687	0.3896
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9752	0.0248	0.8526	0.6876	0.2866
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6038	0.1321	0.2773	0.3435	0.3787
winequality-white			0.5194	0.1373	0.2439	0.2123	0.4237
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.3673	0.1808	0.4167	0.2430	0.3192
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.4662	0.1068	0.2929	0.3095	0.4105
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.5387	0.0923	0.3641	0.4812	0.2586

Table 153: Detailed results for PLR(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1976	0.0764	0.1330	0.1128	0.4581
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8464	0.1536	0.7752	0.5446	0.6284
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.8333	0.1667	0.4545	-0.0907	0.7189
AID_1431_MACCSFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878		0.7810	0.2190	0.4948	-0.0075	0.7914
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered		0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.7143	0.2857	0.7407	0.3636	0.5000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8592	0.1408	0.7963	0.5801	0.5679
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8744	0.1256	0.8719	0.7435	0.5028
alcohol		0.8095	0.0762	0.4476	0.5501	0.2000
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8465	0.1535	0.8300	0.6591	0.5847
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9875	0.0125	0.4969	-0.0056	0.5615
anuran-family		0.9555	0.0223	0.8982	0.9144	0.1935
anuran-genus		0.9708	0.0073	0.9382	0.9517	0.1156
anuran-species		0.9806	0.0039	0.9584	0.9730	0.0524
anxiety		0.1000	0.2000	0.0951	-0.0146	0.7971
apple-quality		0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.7111	0.0444	0.4416	0.5335	0.3223

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7526	0.8667	0.0771
avila		0.5683	0.0720	0.4721	0.3616	0.4085
babies		0.4274	0.1636	0.1396	0.0948	0.4943
balance		0.8871	0.0753	0.7647	0.8002	0.3634
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.9030	0.7980	0.4348
biodeg		0.8762	0.1238	0.8713	0.7412	0.5090
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	-0.0000	0.1305
body-perf		0.6343	0.1828	0.6325	0.5124	0.4988
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.7500	0.7778	0.0704
bridges		0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8966	0.0517	0.8762	0.7812	0.2650
car-insurance		0.8320	0.1680	0.8008	0.6003	0.6312
card		0.8551	0.1449	0.8513	0.7026	0.5548
cardiotocography		0.8357	0.0329	0.7804	0.8025	0.1949
cardiotocography-nsp		0.8873	0.0751	0.7975	0.6902	0.4009
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5590	0.4625	0.5588
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.7415	0.2585	0.7399	0.4798	0.7642
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.7132	0.2868	0.7109	0.4215	0.8046
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.7400	0.2600	0.7380	0.4758	0.7664
cas_N6512_RDkit_morgan_FP		0.7592	0.2408	0.7575	0.5150	0.7367
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.7220	0.2780	0.7209	0.4417	0.7919
cas_N6512_rdkit_TORSION		0.7108	0.2892	0.7088	0.4175	0.8081
ccds1%		0.9643	0.0357	0.6933	0.1289	0.1053
cdc_diabetes		0.0183	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7650	0.5295	0.7134
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9453	0.0547	0.5962	0.1558	0.5648
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml		0.8689	0.1311	0.6742	0.2844	0.5710
ci900367j_MACCS		0.7579	0.2421	0.7415	0.4828	0.7506
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.4992	0.4474	0.5368
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8019	0.0991	0.5619	0.6893	0.3164
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4709	0.2006	0.7442
cnae-9		0.9352	0.0144	0.9358	0.9271	0.0737
codon_usage		0.8810	0.0216	0.7340	0.8554	0.2095
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		0.8800	0.0160	0.8515	0.8676	0.0488
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4		0.6897	0.3103	0.6266	0.2521	0.8468
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7586	0.2414	0.6545	0.3072	0.7986
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7740	0.2260	0.7741	0.5481	0.7105
coupon		0.6806	0.3194	0.6710	0.3404	0.8477
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.7208	0.0798	0.5581	0.5404	0.3750
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9023	0.0326	0.8111	0.7938	0.2621
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.5938	0.0203	0.4243	0.5811	0.0640
customer-churn		0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity		0.1600	0.2800	0.1610	-0.0107	0.8818
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.7407	0.2593	0.7349	0.4698	0.7686
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8147	0.1853	0.6859	0.3008	0.5989
defect		0.8827	0.1173	0.7477	0.4323	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.3366	0.0303	0.5178
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7167	0.2833	0.6306	0.2609	0.8304
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5686	0.2876	0.4830	0.2251	0.6981
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6481	0.1407	0.5483	0.4881	0.4432
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5689	0.4311	0.5655	0.1301	0.9537
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7698	0.1535	0.6900	0.6134	0.4606
drug-01		0.4149	0.1672	0.1842	0.0935	0.5587
drug-02		0.5213	0.1368	0.1907	0.1249	0.5357
drug-03		0.6596	0.0973	0.1318	0.0143	0.3933
drug-04		0.5106	0.1398	0.1809	0.0873	0.6172
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3989	0.1717	0.2139	0.2334	0.5615
drug-07		0.4468	0.1581	0.1329	0.0531	0.3544
drug-08		0.5585	0.1261	0.1812	0.1133	0.4257
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.2199	0.1420	0.3665
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-12		0.7872	0.0608	0.1258	-0.0056	0.2801
drug-13		0.6117	0.1109	0.1778	0.2366	0.4034
drug-14		0.5957	0.1155	0.2588	0.2394	0.4885
drug-15		0.7500	0.0714	0.1232	0.0152	0.2713
drug-16		0.5904	0.1170	0.2466	0.3016	0.3848
drug-17		0.3564	0.1839	0.1637	0.1063	0.5345
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7553	0.0699	0.1229	-0.0198	0.2767
drybean		0.9287	0.0204	0.9409	0.9138	0.1178
ecoli		0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2596	0.0140	0.8437
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.6422	0.3578	0.6339	0.2624	0.8814
eeg10%		0.3892	0.0764	0.4329	0.3241	0.5893
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6712	0.1315	0.6447	0.5778	0.3921
euthyroid		0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8890	0.1110	0.8897	0.7781	0.4587
fakenews		0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.8374	0.0191	0.8078	0.8142	0.1221
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9231	0.0385	0.9006	0.8941	0.1186
gas		0.9921	0.0026	0.9922	0.9904	0.0217
gastrointestinal		0.5625	0.2917	0.5460	0.2956	0.5871
gender		0.6000	0.2667	0.3792	0.1413	0.5118
gene		0.9085	0.0610	0.8994	0.8538	0.2641
german		0.7600	0.2400	0.7248	0.4103	0.6710
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.8040	0.1960	0.8039	0.6077	0.6563
gisette		0.9743	0.0257	0.9743	0.9486	0.1613
glass		0.6667	0.1111	0.6934	0.5288	0.2337
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.5333	0.2333	0.4577	0.3598	0.4616
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.9661	0.0056	0.8601	0.9600	0.0467
har		0.7966	0.0813	0.7864	0.7415	0.3369

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.7730	0.0649	0.4335	0.6331	0.1634
har7010%		0.7708	0.0655	0.4260	0.6292	0.1643
harth		0.4492	0.0918	0.0517	0.0000	0.2692
harth1%		0.6768	0.0539	0.2649	0.5406	0.2397
harth10%		0.6760	0.0540	0.2676	0.5389	0.2444
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8366	0.1634	0.8366	0.6731	0.5905
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6591	0.3409	0.6564	0.3100	0.8661
higgs1%		0.6418	0.3582	0.6388	0.2717	0.8777
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2857	0.1786	0.2391	0.1667	0.3154
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9292	0.0708	0.8719	0.7433	0.4465
hiva		0.9504	0.0496	0.4873	-0.0207	0.6215
horse		0.6111	0.2593	0.5689	0.3386	0.6753
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.5937	0.2709	0.5974	0.3875	0.6379
ht-sensor10%		0.5846	0.2769	0.5882	0.3741	0.6473
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9788	0.0106	0.6786	0.8682	0.1517
hypothyroidT		0.9735	0.0265	0.8999	0.7782	0.0870
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9540	0.0230	0.9545	0.9387	0.0920
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9345	0.0050	0.9355	0.9319	0.0573
jm1		0.8182	0.1818	0.6355	0.1614	0.5553
jvowels		0.9578	0.0094	0.9550	0.9522	0.0686
kc1		0.8483	0.1517	0.6483	0.2611	0.6660
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.6154	0.1538	0.3650	0.2935	0.3817
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.9986	0.0002	0.8792	0.9976	0.0116
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2859	0.0793	0.2452	0.1909	0.6029
krvskp		0.9718	0.0282	0.9717	0.9435	0.1739

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.8235	0.0153	0.8097	0.8142	0.0490
led24		0.6500	0.0700	0.5915	0.6045	0.1263
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8385	0.0124	0.8380	0.8320	0.1670
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.9444	0.0074	0.9583	0.9403	0.0273
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.9204	0.0796	0.9148	0.8292	0.3758
localization		0.4315	0.1034	0.1803	0.2091	0.5064
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8491	0.0302	0.4466	0.7874	0.0854
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5692	0.4308	0.5705	0.1385	0.9456
magic04		0.7817	0.2183	0.7523	0.4971	0.7031
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.9018	0.0982	0.7768	0.5110	0.4530
maternal		0.6040	0.2640	0.6025	0.3915	0.5826
math		0.7750	0.1125	0.7302	0.6460	0.3253
mba		0.8242	0.1172	0.3834	0.1130	0.3773
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2467	0.3013	0.2518	0.0568	0.8325
messidor		0.7217	0.2783	0.7201	0.4390	0.7902
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9571	0.9227	0.0673
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9750	0.0050	0.9755	0.9722	0.0293
mfeat-fou		0.8500	0.0300	0.8507	0.8333	0.1437
mfeat-kar		0.9650	0.0070	0.9668	0.9611	0.0414
mfeat-mor		0.7100	0.0580	0.7124	0.6778	0.2009
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.7500	0.0500	0.7659	0.7222	0.1489
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9151	0.0566	0.9152	0.8712	0.1964
mines		0.5000	0.2000	0.4355	0.3738	0.4046
mobile		0.8392	0.0057	0.8479	0.8362	0.0748
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4889	0.0929	0.4935	0.3784	0.5132

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
musk		0.9409	0.0591	0.8796	0.7418	0.2793
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.7868	0.2132	0.7794	0.5582	0.6937
MUT_ci300400a_cdk_ECFP6		0.7557	0.2443	0.7469	0.4929	0.7458
MUT_ci300400a_cdk_ESTATE		0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED		0.7890	0.2110	0.7827	0.5653	0.6910
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.7830	0.2170	0.7777	0.5554	0.7009
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.7808	0.2192	0.7749	0.5497	0.7052
MUT_ci300400a_rdkit_descriptors		0.7882	0.2118	0.7822	0.5635	0.6890
myocardial		0.8529	0.0368	0.3242	0.3043	0.5800
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8931	0.0113	0.3676	0.6775	0.2383
ncRNA10%		0.8918	0.0114	0.3616	0.6747	0.2809
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4861	0.3426	0.2815	-0.0382	0.6639
nursery		0.9329	0.0269	0.7193	0.9014	0.1202
obesity		0.9431	0.0162	0.9424	0.9336	0.0850
obs		0.8796	0.0602	0.9125	0.8182	0.1588
occupancy		0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation		0.9931	0.0035	0.9756	0.9790	0.0365
oh0-wc		0.7921	0.0416	0.7759	0.7602	0.1948
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.6630	0.0674	0.6463	0.6160	0.3126
oh5-wc		0.8022	0.0396	0.8020	0.7756	0.1662
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9142	0.0858	0.6481	0.0732	0.2673
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9840	0.0032	0.9846	0.9822	0.0245
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr		0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7990	0.2010	0.7826	0.5634	0.6839
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9744	0.0102	0.8914	0.8507	0.2390
parkinson		0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons		0.8009	0.1991	0.7951	0.5872	0.6668
parkinsons-small		0.8421	0.1579	0.8114	0.6175	0.6233
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.9031	0.0969	0.8811	0.7620	0.4725
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pcmac			0.4742	0.5258	0.4651	-0.0697	1.0000
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8289	0.1711	0.7760	0.5517	0.6697
pediatric-leukemia			0.2353	0.2185	0.0544	0.0000	0.3686
pendigits			0.9745	0.0051	0.9747	0.9717	0.0411
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.9250	0.0750	0.9158	0.8215	0.2735
phishing			0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%			0.7298	0.0772	0.7039	0.6837	0.2385
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7593	0.2407	0.6882	0.3725	0.7782
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.9928	0.0048	0.9876	0.9774	0.0608
placement			0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth			0.8421	0.1579	0.8427	0.6816	0.5635
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd			0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd			0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th			0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th			0.9323	0.0677	0.6304	0.1171	0.3606
polya			0.6422	0.3578	0.3910	0.0000	0.4790
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8581	0.0567	0.8586	0.8226	0.2357
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7215	0.4412	0.7888
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.5152	0.0746	0.4199	0.4557	0.2287
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.8657	0.1343	0.8497	0.6990	0.5534
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio			0.8495	0.0602	0.8075	0.7977	0.2381
puc-rio10%			0.8552	0.0579	0.8043	0.8056	0.2400
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.6800	0.0492	0.7635	0.5758	0.2788
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9868	0.0132	0.9867	0.9733	0.0921
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rocket			0.6096	0.3904	0.5811	0.1576	0.9222
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8647	0.0451	0.8360	0.8326	0.1951
satimageF			0.9844	0.0156	0.9595	0.9188	0.1877
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8782	0.1218	0.6244	0.2345	0.6250
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9654	0.0099	0.9689	0.9595	0.0491
segmentation			0.8168	0.1832	0.7977	0.5945	0.6489
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.6171	0.1674	0.5978
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8579	0.1421	0.5914	0.1464	0.6742
sens-4-gram			0.8289	0.1711	0.5885	0.1745	0.7566
sens-5-gram			0.8474	0.1526	0.5886	0.1613	0.7266
sens-6-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-7-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-9-gram			0.8711	0.1289	0.6316	0.1974	0.5909
sensorless			0.9243	0.0138	0.9242	0.9167	0.0851
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8856	0.1144	0.7440	0.4269	0.4764
shuttle			0.9705	0.0084	0.8664	0.9149	0.1764
sick			0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9189	0.0811	0.8780	0.7558	0.4664
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1800	0.4100	0.1750	-0.0974	0.8822
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1967	0.3213	0.1992	-0.0057	0.8713
solar-flare			0.7626	0.0791	0.6918	0.6941	0.1853
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9435	0.0565	0.8130	0.6159	0.4539
spambase			0.9087	0.0913	0.9043	0.8058	0.3907
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer			0.7500	0.0185	0.6196	0.7354	0.0755
splice-EI			0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE			0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles			0.8200	0.1800	0.8037	0.5911	0.5877
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7583	0.1611	0.7093	0.6079	0.4656
steel-b			0.8308	0.1692	0.7118	0.3990	0.6566
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-o			0.7744	0.2256	0.7417	0.4507	0.6572
steel-p			0.9282	0.0718	0.7214	0.4253	0.5579
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.9612	0.0259	0.9555	0.9310	0.1370
stock			0.9028	0.0972	0.8270	0.6505	0.5175
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8000	0.2000	0.7975	0.5949	0.6667
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6350	0.1460	0.3546	0.3965	0.4099
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4100	0.2360	0.1886	0.0638	0.4631
student-weekend			0.4000	0.2400	0.3826	0.1740	0.5957
student-workday			0.6875	0.1250	0.2273	0.1432	0.4867
studentap			0.3077	0.4615	0.3111	-0.0636	0.7870
susy1%			0.7944	0.2056	0.7941	0.5801	0.6514
susy10%			0.7893	0.2107	0.7891	0.5695	0.6595
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.8358	0.1642	0.7745	0.5485	0.6589
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.8537	0.0325	0.6805	0.8164	0.0907
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.0476	0.3175	0.0152	0.0000	0.3614
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.8500	0.0750	0.8552	0.8000	0.2057
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.9308	0.0692	0.9261	0.8520	0.3518
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8060	0.0431	0.8234	0.7732	0.1492
urinalysis			0.9510	0.0490	0.7039	0.3436	0.4349
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7619	0.1190	0.7452	0.6822	0.2095
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5657	0.0790	0.5643	0.5222	0.2239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vowelZ			0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2200	0.3900	0.2211	-0.0400	0.8836
waveform			0.8360	0.1093	0.8361	0.7540	0.3760
weather-related			0.9731	0.0049	0.9740	0.9695	0.0417
web-phishing			0.8000	0.1333	0.6333	0.6379	0.5164
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9752	0.0248	0.8526	0.6876	0.2866
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5786	0.1405	0.2667	0.3130	0.4541
winequality-white			0.5317	0.1338	0.2752	0.2486	0.4169
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.8536	0.0418	0.8980	0.8110	0.0674
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5000	0.1000	0.3235	0.3540	0.3475
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9462	0.0108	0.9422	0.9397	0.0833

Table 154: Detailed results for PLS

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0959	0.0624	0.0374	0.0113	0.4362
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9573	0.0427	0.9076	0.7972	0.1300
adult		0.8358	0.1642	0.7530	0.4909	0.6340
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red		0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8075	0.1925	0.7141	0.4135	0.6976
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7333	0.1067	0.2394	0.2857	0.2419
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8465	0.1535	0.8290	0.6549	0.5760
anneal		0.6966	0.1213	0.1950	0.2067	0.2652
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8651	0.0675	0.4410	0.7283	0.1915
anuran-genus		0.8220	0.0445	0.2964	0.6817	0.1684
anuran-species		0.7875	0.0425	0.3413	0.6920	0.1368
anxiety		0.0917	0.2019	0.0654	-0.0260	0.6833
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.6444	0.0547	0.2078	0.3376	0.2437
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.4348	0.0471	0.0899	0.3047	0.1853
audit-risk		0.9359	0.0641	0.9354	0.8624	0.2175
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.6500	0.1167	0.4190	0.5139	0.2070
avila		0.4753	0.0874	0.1715	0.1706	0.3002
babies		0.4435	0.1590	0.1428	0.1110	0.3650
balance		0.8871	0.0753	0.6113	0.7879	0.2115
bank		0.9058	0.0942	0.7192	0.4058	0.5518
banknote		0.9781	0.0219	0.9779	0.9557	0.1446
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8917	0.1083	0.8844	0.7521	0.3633
basehock		0.9296	0.0704	0.9311	0.8593	0.3195
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9938	0.0062	0.7876	0.5236	0.2471
biodeg		0.8190	0.1810	0.8051	0.6069	0.6297
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%		0.0000	0.0690	0.0000	0.0000	0.0139
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.5804	0.6633	0.1246
bridges		0.8000	0.0571	0.5195	0.6970	0.0821
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8103	0.0948	0.3921	0.5716	0.2615
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8551	0.1449	0.8565	0.7081	0.5394
cardiotocography		0.5869	0.0826	0.3815	0.4803	0.2805
cardiotocography-nsp		0.8216	0.1189	0.6132	0.4066	0.4337
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0106
cars		0.6750	0.2167	0.4878	0.3712	0.4843
cas_N6512_cdk_ECFP2		0.6974	0.3026	0.6966	0.3930	0.8239
cas_N6512_rdkit_ATOMPAIR		0.6462	0.3538	0.6470	0.2928	0.8800
cas_N6512_RDkit_AtomPair_FP		0.6994	0.3006	0.6979	0.3958	0.8226
cas_N6512_rdkit_AVALON		0.7066	0.2934	0.7120	0.4176	0.7934
cas_N6512_RDkit_Avalon_FP		0.7117	0.2883	0.7162	0.4270	0.7896
cas_N6512_rdkit_descriptors		0.6677	0.3323	0.6659	0.3317	0.8612
cas_N6512_rdkit_FEATMORGAN		0.7035	0.2965	0.7008	0.4012	0.8173
cas_N6512_RDkit_Featmorgan_FP		0.7316	0.2684	0.7307	0.4612	0.7780
cas_N6512_RDkit_FP		0.6902	0.3098	0.6885	0.3770	0.8344
cas_N6512_rdkit_LAYERED		0.7154	0.2846	0.7149	0.4294	0.7997
cas_N6512_RDkit_Layered_FP		0.7040	0.2960	0.7023	0.4046	0.8169
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7515	0.2485	0.7515	0.5022	0.7461
cas_N6512_rdkit_MORGAN		0.7446	0.2554	0.7430	0.4859	0.7596
cas_N6512_RDkit_morgan_FP		0.7439	0.2561	0.7428	0.4856	0.7601
cas_N6512_rdkit_PATTERN		0.6969	0.3031	0.7016	0.3978	0.8091
cas_N6512_RDkit_pattern_FP		0.6948	0.3052	0.7016	0.3953	0.8043
cas_N6512_rdkit_RDKITFP		0.7327	0.2673	0.7331	0.4651	0.7733
cas_N6512_rdkit_TORSION		0.7077	0.2923	0.7075	0.4144	0.8094
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8443	0.1038	0.4009	0.0523	0.2332
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7979	0.2021	0.7779	0.5557	0.6889
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8040	0.1960	0.6172	0.1209	0.5587
churn-bigml		0.8539	0.1461	0.5826	0.0350	0.4157
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0200	0.0196	0.0008	0.0101	0.3774
cirrhosis		0.7381	0.1746	0.5065	0.4420	0.3443
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7630	0.1185	0.4245	0.6059	0.2482
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.6933	0.4667	0.4938
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5102	0.3265	0.4891	0.2150	0.7183
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.5748	0.0773	0.2375	0.4636	0.2689
coil20		0.3472	0.0653	0.2745	0.3136	0.2193
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		0.4200	0.0773	0.1931	0.3454	0.2587
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5517	0.4483	0.4647	-0.0680	0.9793
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7742	0.1505	0.7136	0.6265	0.3420
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7572	0.2428	0.7578	0.5147	0.7357
coupon		0.6869	0.3131	0.6773	0.3525	0.8393
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.6244	0.1073	0.2481	0.3356	0.3028
covtypeCD		0.9120	0.0880	0.7881	0.5425	0.4473
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9989	0.0011	0.8191	0.6048	0.2286
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8120	0.0627	0.3806	0.5328	0.1953
cryotherapy		0.7778	0.2222	0.8000	0.5263	0.4308
cultivars		0.0938	0.0453	0.0361	0.0711	0.1980
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1667	0.2778	0.0817	-0.0121	0.5291
cyclopentane		0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands		0.6852	0.3148	0.6940	0.2971	0.6308
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7987	0.2013	0.6482	0.1832	0.5604
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8885	0.1115	0.6434	0.1913	0.5087
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8108	0.0631	0.6222	0.7593	0.0824
desharnais		0.3750	0.4167	0.3158	0.0244	0.6574
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.8750	0.0833	0.8611	0.8095	0.2105
DIA		0.7667	0.2333	0.6384	0.2432	0.7461
diabetes		0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5980	0.2680	0.3922	0.1947	0.4811
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8500	0.0750	0.6787	0.7875	0.1181
diamonds_all		0.5545	0.1782	0.3009	0.3171	0.3727
dishonest		0.8438	0.1562	0.8238	0.6460	0.6069
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5767	0.4233	0.5729	0.1444	0.9460
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7540	0.1640	0.5492	0.5624	0.3045
drug-01		0.4043	0.1702	0.1245	0.0394	0.4248
drug-02		0.5053	0.1413	0.1478	0.0578	0.4469
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.1846	0.0564	0.3443
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4309	0.1626	0.2660	0.2589	0.3576
drug-07		0.4628	0.1535	0.1413	0.0729	0.3184
drug-08		0.5479	0.1292	0.1272	0.0452	0.3519
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1409	0.0877	0.3604
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-13		0.6170	0.1094	0.1720	0.2113	0.3264
drug-14		0.5904	0.1170	0.2153	0.2068	0.3924
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5745	0.1216	0.2287	0.2332	0.3680
drug-17		0.3777	0.1778	0.1374	0.1262	0.4271
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.6995	0.0859	0.7130	0.6305	0.2119
ecoli		0.7353	0.0662	0.3034	0.6122	0.1408
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8182	0.1818	0.7525	0.5050	0.6964
ecoliMU		0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.1790	0.0200	0.5745
eeg		0.2443	0.0945	0.1068	0.1378	0.4731
eeg-eye		0.5728	0.4272	0.5548	0.0961	0.9116
eeg10%		0.2572	0.0929	0.0964	0.1552	0.4374
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5205	0.1918	0.3337	0.3470	0.3706
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8831	0.1169	0.8853	0.7668	0.4631
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.4553	0.0641	0.1066	0.3434	0.3118
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6471	0.3529	0.6394	0.2703	0.8691
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8125	0.0625	0.6236	0.7513	0.0899
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8654	0.0673	0.8507	0.8120	0.1623
gas		0.5953	0.1349	0.4347	0.4985	0.3626
gastrointestinal		0.6875	0.2083	0.5133	0.4737	0.3707
gender		0.6000	0.2667	0.3762	0.1314	0.5076
gene		0.8959	0.0694	0.8799	0.8331	0.2804
german		0.7200	0.2800	0.6723	0.2911	0.7145
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8790	0.1210	0.8791	0.7577	0.4875
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.5238	0.1587	0.3185	0.3023	0.3296
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.6842	0.3158	0.6833	0.3667	0.8414
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.2363	0.0506	0.5991
gsalc		0.7778	0.0741	0.7738	0.7353	0.0502
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.6697	0.0550	0.3169	0.6059	0.1886
har		0.3797	0.2481	0.3476	0.1915	0.6848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7416	0.0738	0.3748	0.5821	0.1794
har7010%		0.7470	0.0723	0.3804	0.5915	0.1768
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6049	0.0659	0.1610	0.4029	0.2648
harth10%		0.6067	0.0655	0.1653	0.4074	0.2542
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis		0.9333	0.0667	0.8929	0.7619	0.1858
hepmass1%		0.8327	0.1673	0.8327	0.6653	0.5989
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6273	0.3727	0.6238	0.2450	0.8996
higgs1%		0.6197	0.3803	0.6158	0.2278	0.9040
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1339	0.1195	0.2970
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9140	0.0860	0.8358	0.6595	0.4463
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.4009	0.2632	0.4434
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5392	0.3072	0.5402	0.3087	0.6973
htru2		0.9620	0.0380	0.8759	0.7232	0.1658
hypothyroid		0.9231	0.0385	0.3980	0.2618	0.0879
hypothyroidT		0.9310	0.0690	0.7021	0.1756	0.1727
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.9022	0.7853	0.2404
iris		0.6667	0.2222	0.6139	0.4898	0.3083
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.2259	0.0595	0.1367	0.1950	0.3063
jm1		0.8108	0.1892	0.6061	0.0995	0.5485
jvowels		0.5643	0.0968	0.4398	0.4988	0.3002
kc1		0.8863	0.1137	0.7529	0.4083	0.3698
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9719	0.0043	0.2238	0.9521	0.0274
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krkopt		0.2745	0.0806	0.1123	0.1598	0.4407
krvskp		0.9216	0.0784	0.9220	0.8432	0.3629
la1s-wc		0.4254	0.1915	0.2187	0.2307	0.4998
la2s-wc		0.5464	0.1512	0.3145	0.4002	0.4075
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.2059	0.0397	0.0645	0.1715	0.1841
led24		0.5000	0.1000	0.2891	0.4203	0.2110
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.1905	0.0623	0.1326	0.1577	0.4294
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.3056	0.0926	0.1922	0.2574	0.2676
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3965	0.1097	0.0956	0.1373	0.3672
localization10%		0.3902	0.1109	0.0963	0.1275	0.3752
lrs		0.7358	0.0528	0.3405	0.6171	0.1699
lung		0.9048	0.0381	0.7356	0.7971	0.0831
lung_discrete		0.7500	0.0714	0.4034	0.6800	0.0486
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.8500	0.0600	0.5818	0.6178	0.1128
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0494	0.4018	0.6842	0.0783
machine-failure		0.9149	0.0851	0.9152	0.8273	0.3841
madelon		0.5808	0.4192	0.5815	0.1615	0.9405
magic04		0.7612	0.2388	0.7266	0.4408	0.7301
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8225	0.6449	0.6199
marketing		0.8527	0.1473	0.5837	0.0410	0.4325
maternal		0.6238	0.2508	0.6213	0.4168	0.5381
math		0.7000	0.1500	0.3886	0.4990	0.2977
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.1833	0.3267	0.1344	-0.0279	0.6747
messidor		0.6870	0.3130	0.6943	0.3802	0.8116
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.4444	0.2778	0.5662	0.2500	0.2753
meter-D		0.6111	0.1944	0.4983	0.4350	0.3043
mfeat-fac		0.5400	0.0920	0.4748	0.4889	0.2793
mfeat-fou		0.4600	0.1080	0.3767	0.4000	0.3427
mfeat-kar		0.4750	0.1050	0.3700	0.4167	0.2572
mfeat-mor		0.5000	0.1000	0.4644	0.4444	0.2711
mfeat-pix		0.5800	0.0840	0.5355	0.5333	0.2645
mfeat-zer		0.4200	0.1160	0.3307	0.3556	0.3260
mice-prot		0.5741	0.1065	0.4968	0.5097	0.2911
milk		0.7547	0.1635	0.7245	0.6217	0.4560
mines		0.4412	0.2235	0.2602	0.2806	0.3545
mobile		0.1469	0.0305	0.0722	0.1309	0.2755
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6230	0.3770	0.3838	-0.0637	0.7809

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9779	0.0221	0.9778	0.9557	0.1435
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9015	0.0985	0.7872	0.5357	0.4472
MUT_ci300400a_cdk_ECFP2		0.7398	0.2602	0.7312	0.4621	0.7714
MUT_ci300400a_cdk_ECFP4		0.7641	0.2359	0.7590	0.5177	0.7318
MUT_ci300400a_cdk_ECFP6		0.7389	0.2611	0.7307	0.4612	0.7727
MUT_ci300400a_cdk_ESTATE		0.7038	0.2962	0.6942	0.3883	0.8216
MUT_ci300400a_cdk_EXTENDED		0.7434	0.2566	0.7345	0.4685	0.7658
MUT_ci300400a_cdk_FCFP2		0.7401	0.2599	0.7302	0.4594	0.7700
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.7530	0.2470	0.7437	0.4862	0.7496
MUT_ci300400a_cdk_MACCS		0.7062	0.2938	0.6942	0.3867	0.8171
MUT_ci300400a_cdk_PUBCHEM		0.7713	0.2287	0.7668	0.5331	0.7192
MUT_ci300400a_cdk_STANDARD		0.7329	0.2671	0.7238	0.4472	0.7816
MUT_ci300400a_rdkit_descriptors		0.6992	0.3008	0.6903	0.3799	0.8263
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9461	0.0539	0.9463	0.8923	0.2773
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.5000	0.1111	0.2667	0.4194	0.0881
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8508	0.0157	0.1130	0.5095	0.1222
ncRNA10%		0.8495	0.0158	0.1127	0.5121	0.1477
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
newspop		0.6385	0.3615	0.6353	0.2693	0.8910
NHANES_age_prediction		0.9648	0.0352	0.9317	0.8584	0.1961
nomao		0.8749	0.1251	0.8510	0.7009	0.5480
NPHA-doctor-visits		0.4583	0.3611	0.2471	-0.0939	0.5773
nursery		0.9105	0.0358	0.5536	0.8673	0.1137
obesity		0.4739	0.1503	0.4180	0.3851	0.3577
obs		0.5556	0.2222	0.5243	0.3204	0.4258
occupancy		0.9864	0.0136	0.9816	0.9624	0.1468
Occupancy_Estimation		0.9260	0.0370	0.7708	0.7538	0.1148
oh0-wc		0.5248	0.0950	0.3023	0.4397	0.3139
oh10-wc		0.4000	0.1200	0.1741	0.2918	0.3456
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.3530	0.1294	0.2276	0.2671	0.4118
olive		0.5965	0.0897	0.3038	0.4694	0.2113
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.5712	0.0858	0.5178	0.5244	0.2911
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.1750	0.0413	0.1094	0.1538	0.1976
orlraws10P		0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8299	0.1701	0.8050	0.6021	0.6036
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9206	0.0794	0.9207	0.8409	0.3690
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9141	0.0344	0.3334	0.2365	0.0880
parkinson		0.9750	0.0250	0.9750	0.9487	0.1507
parkinsons		0.8104	0.1896	0.8008	0.6012	0.6568

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.8309	0.1691	0.7784	0.5122	0.5246
particle10%			0.8369	0.1631	0.7860	0.5402	0.5444
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5103	0.4897	0.4724	-0.0528	0.9965
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8553	0.1447	0.7944	0.5769	0.5763
pediatric-leukemia			0.2353	0.2185	0.1199	0.0232	0.5310
pendigits			0.4886	0.1023	0.4798	0.4315	0.3111
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.7778	0.2222	0.7568	0.4000	0.4011
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.8900	0.1100	0.8733	0.7413	0.4508
phishing			0.9429	0.0571	0.9399	0.8792	0.2902
PhiUSIIL			0.9953	0.0047	0.9952	0.9905	0.0340
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.4877	0.1464	0.3980	0.3999	0.3657
phone-acc1%			0.4900	0.1457	0.4034	0.4026	0.3719
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.3216	0.1938	0.2242	0.2071	0.3510
phone-gyr1%			0.3250	0.1929	0.2554	0.2112	0.3498
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7648	0.2352	0.6960	0.3882	0.7693
phy			0.5536	0.4464	0.5678	0.1100	0.8703
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.8831	0.0779	0.6504	0.5135	0.1671
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.6316	0.3684	0.6445	0.2400	0.7788
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4946	0.1011	0.0852	-0.0080	0.1973
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7643	0.2357	0.7344	0.4605	0.7310
popularity			0.6578	0.2282	0.4030	0.1671	0.4506
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.7073	0.1171	0.7083	0.6342	0.3700
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6933	0.3824	0.8214
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.2121	0.0716	0.0581	0.1325	0.2707
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6866	0.3134	0.5941	0.1394	0.7748
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.6932	0.1227	0.4488	0.5693	0.3221
puc-rio10%			0.7121	0.1151	0.4617	0.5960	0.3028
pufs-1281%			0.5080	0.4920	0.5080	0.0160	0.9953
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.5008	0.4992	0.5008	0.0017	0.9995
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
raisin			0.9000	0.1000	0.9025	0.8000	0.4045
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.6000	0.0615	0.1472	0.4111	0.2817
re1-wc			0.5000	0.0400	0.1017	0.3806	0.2370
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6023	0.3977	0.5652	0.1201	0.9145
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.7481	0.0840	0.5747	0.6802	0.1977
satimageF			0.9782	0.0218	0.9418	0.8787	0.1274
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis			0.9630	0.0370	0.9635	0.9244	0.1598
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.5281	0.1348	0.5234	0.4482	0.2505
segmentation			0.7624	0.2376	0.7367	0.4722	0.7483
segmentO			0.9264	0.0736	0.8402	0.6414	0.2910
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.3436	0.1193	0.2672	0.2780	0.3539
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8775	0.1225	0.7212	0.3497	0.4495
shuttle			0.8750	0.0357	0.3550	0.5492	0.0806
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9270	0.0730	0.8936	0.7858	0.4440
skin10%			0.9248	0.0752	0.8888	0.7770	0.4494
smarket			0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming			0.2400	0.3800	0.1617	-0.0215	0.6648
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2100	0.3160	0.1559	0.0085	0.6548
solar-flare			0.6331	0.1223	0.4767	0.5283	0.3398
sonar			0.4000	0.6000	0.3902	-0.2000	1.0000
soybean			0.4706	0.0557	0.1593	0.4019	0.1998
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8848	0.1152	0.8797	0.7523	0.4408
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.7429	0.2571	0.6732	0.1370	0.4138
spectrometer			0.2692	0.0541	0.0650	0.1994	0.2547
splice-EI			0.9432	0.0568	0.9303	0.8566	0.3541
splice-IE			0.9085	0.0915	0.8692	0.7358	0.4518
sport-articles			0.8300	0.1700	0.8162	0.6115	0.5454
squash-stored			0.4000	0.4000	0.3030	0.0000	0.5733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-unstored			0.8000	0.1333	0.5385	0.5455	0.2005
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7041	0.1973	0.6420	0.5159	0.5375
steel-b			0.8000	0.2000	0.6396	0.2417	0.7108
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9641	0.0359	0.9439	0.8868	0.2321
steel-o			0.7385	0.2615	0.6961	0.3460	0.6987
steel-p			0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9436	0.0564	0.8193	0.6162	0.3884
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8819	0.1181	0.7767	0.5222	0.5108
stockb			0.8590	0.0940	0.8618	0.7886	0.2314
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.8413	0.0635	0.8658	0.8021	0.1107
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3900	0.2440	0.1792	0.0305	0.4703
student-weekend			0.4308	0.2277	0.2555	0.1758	0.4445
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6154	0.2564	0.6527	0.3868	0.4606
susy1%			0.7554	0.2446	0.7643	0.4924	0.6404
susy10%			0.7555	0.2445	0.7640	0.4929	0.6436
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.4782	0.0949	0.4109	0.4264	0.2758
theorem			0.9722	0.0278	0.9715	0.9429	0.1765
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8358	0.1642	0.7581	0.4715	0.5503
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7059	0.1471	0.7348	0.6119	0.1908
toxicity			0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4762	0.1746	0.1767	0.1507	0.3865
trec31-wc			0.5161	0.1613	0.2095	0.2933	0.3941
trec41-wc			0.5000	0.1000	0.1825	0.3473	0.3111
trec45-wc			0.2754	0.1449	0.1278	0.1316	0.4513
tuandromd			0.9686	0.0314	0.9528	0.9049	0.2690
turkish			0.7000	0.1500	0.6854	0.6000	0.3397
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8846	0.1154	0.8750	0.7490	0.4822
tvnews10%			0.8597	0.1403	0.8471	0.6920	0.5428
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.5821	0.0929	0.4227	0.5019	0.2454

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.6548	0.1726	0.6003	0.5293	0.4172
vehicleVAN			0.8810	0.1190	0.8325	0.6491	0.4768
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.3636	0.1157	0.2450	0.3000	0.2795
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.4487	0.0551	0.1418	0.3609	0.2717
warpar10p			0.3846	0.1231	0.2947	0.3067	0.2030
warppie10p			0.2381	0.1524	0.1696	0.1579	0.2911
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.4165	0.1667	0.3892	0.3111	0.5315
watch-acc10%			0.4154	0.1670	0.3874	0.3100	0.5361
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.2779	0.2063	0.1927	0.1510	0.4380
watch-gyr10%			0.2833	0.2048	0.1942	0.1576	0.4560
water_pollution			0.2167	0.3917	0.2151	-0.0453	0.8864
waveform			0.8640	0.0907	0.8640	0.7960	0.3246
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8000	0.1333	0.5508	0.6227	0.3366
Weekly			0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift			0.3684	0.2526	0.3271	0.1800	0.7206
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.8550	0.0725	0.8577	0.8067	0.2030
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5660	0.1447	0.2064	0.2617	0.3265
winequality-white			0.5112	0.1396	0.1981	0.1830	0.3775
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.8217	0.0509	0.5234	0.7687	0.1127
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.3125	0.0917	0.2271	0.2667	0.1590
yeast			0.5000	0.1000	0.2272	0.3409	0.3545
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.4473	0.1105	0.2381	0.3661	0.3290

Table 155: Detailed results for PLSDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1624	0.0704	0.0528	0.0464	0.4150
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.7500	0.2500	0.7513	0.5000	0.7429
ads		0.9512	0.0488	0.8936	0.7633	0.1429
adult		0.8301	0.1699	0.7437	0.4724	0.6492
advanced-iot		0.7750	0.0750	0.7351	0.7300	0.1229
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9126	0.0874	0.4772	-0.0311	0.6533
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8075	0.1925	0.7118	0.4048	0.6903
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8460	0.1540	0.8431	0.6860	0.5731
alcohol		0.7238	0.1105	0.2256	0.2698	0.2375
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8372	0.1628	0.8197	0.6384	0.6062
anneal		0.7978	0.0809	0.3758	0.4389	0.2449
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8484	0.0758	0.4937	0.6928	0.2148
anuran-genus		0.7900	0.0525	0.2746	0.6315	0.2343
anuran-species		0.7431	0.0514	0.3100	0.6238	0.1815
anxiety		0.0917	0.2019	0.0538	-0.0264	0.6982
apple-quality		0.6875	0.3125	0.6888	0.3750	0.8304
aps-failure		0.9845	0.0155	0.7176	0.3726	0.3601
arabidopsis		0.9920	0.0080	0.6663	0.0022	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.6674	0.0072	0.0320

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.6000	0.0615	0.2135	0.1456	0.2058
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.3152	0.0630	0.0551	0.1191	0.2216
audit-risk		0.8974	0.1026	0.8948	0.7786	0.3723
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9571	0.0429	0.9452	0.8898	0.2512
autism-child		0.8276	0.1724	0.8286	0.6556	0.6047
autos		0.6000	0.1333	0.4079	0.4444	0.2365
avila		0.4672	0.0888	0.1616	0.1407	0.3071
babies		0.4355	0.1613	0.1711	0.1064	0.4111
balance		0.8871	0.0753	0.6113	0.7879	0.2115
bank		0.9026	0.0974	0.7048	0.3702	0.5549
banknote		0.9562	0.0438	0.9557	0.9113	0.2432
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8917	0.1083	0.8844	0.7521	0.3633
basehock		0.9598	0.0402	0.9606	0.9196	0.2053
bio		0.9938	0.0062	0.7830	0.4655	0.1007
bio10%		0.9931	0.0069	0.7561	0.4417	0.2576
biodeg		0.7810	0.2190	0.7622	0.5146	0.6885
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0010	0.0342	0.0000	0.0117
bitcoin1%		0.9912	0.0000	0.0272	-0.0043	0.0171
bitcoin10%		0.9858	0.0010	0.0342	0.0000	0.0117
body-perf		0.4784	0.2608	0.4760	0.3045	0.4267
bookings		0.9794	0.0137	0.6546	0.9560	0.0548
brain-tumor		0.5075	0.4925	0.5074	0.0149	0.9956
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.5455	0.1515	0.3684	0.4388	0.1707
bridges		0.7000	0.0857	0.3640	0.5161	0.1378
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4900	0.3400	0.2641	-0.0049	0.3791
car		0.8218	0.0891	0.3920	0.5849	0.2282
car-insurance		0.8230	0.1770	0.7872	0.5701	0.6421
card		0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography		0.4742	0.1052	0.2633	0.3282	0.3331
cardiotocography-nsp		0.8216	0.1189	0.6199	0.4000	0.3506
cardiovascular		0.6498	0.3502	0.6499	0.2995	0.8797
cargo2k		0.9873	0.0085	0.9873	0.9810	0.0414
cars		0.7250	0.1833	0.5840	0.4541	0.4585
cas_N6512_cdk_ECFP2		0.7358	0.2642	0.7339	0.4678	0.7729
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8453	0.1031	0.4053	0.0706	0.2424
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9683	0.0317	0.7760	0.4280	0.0968
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9408	0.0592	0.6785	0.1456	0.2265
census10%		0.9459	0.0541	0.6892	0.1869	0.2328
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia		0.6986	0.1507	0.4094	0.5270	0.2310
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8040	0.1960	0.6176	0.1391	0.5946
churn-bigml		0.8689	0.1311	0.6770	0.1907	0.3895
ci900367j_MACCS		0.7368	0.2632	0.7113	0.3915	0.7190
cirrhosis		0.7381	0.1746	0.5010	0.4526	0.3795
cjs		0.5964	0.1345	0.5037	0.4960	0.2598
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7630	0.1185	0.4245	0.6058	0.2483
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5034	0.3311	0.4874	0.2104	0.7314
cnae-9		0.3333	0.1481	0.2079	0.2500	0.2681
codon_usage		0.4421	0.1014	0.1600	0.2949	0.3267
coil20		0.1389	0.0861	0.0407	0.0949	0.3073
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.3200	0.0907	0.1693	0.2346	0.2890
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5862	0.4138	0.4937	-0.0116	0.9557
colposcopies-2		0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3		0.7241	0.2759	0.7108	0.4171	0.7875
colposcopies-4		0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7419	0.1720	0.6649	0.5739	0.4500
comedy_comparisons1%		0.5215	0.4785	0.5194	0.0386	0.9867
connect-4		0.9812	0.0125	0.4888	0.3236	0.0358
cottonmeloidogyne		0.7572	0.2428	0.7578	0.5147	0.7357
coupon		0.6727	0.3273	0.6632	0.3253	0.8577
covid19		0.5239	0.1360	0.1992	0.1357	0.3578
covtype		0.6492	0.1002	0.2788	0.3884	0.2999
covtype10%		0.6532	0.0991	0.2775	0.3959	0.3044
covtypeCD		0.9235	0.0765	0.8192	0.6057	0.3756
covtypeT		0.9353	0.0647	0.6677	0.1931	0.3485
creditcard_trans		0.9989	0.0011	0.8116	0.5862	0.2308
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.7631	0.0790	0.2669	0.3602	0.1821
cryotherapy		0.6667	0.3333	0.6582	0.3077	0.8482
cultivars		0.0938	0.0453	0.0302	0.0720	0.2353
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1567	0.2811	0.0998	-0.0182	0.6348
cyclopentane		0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands		0.8148	0.1852	0.8107	0.6213	0.6409
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0966	0.1807	0.0770	-0.0048	0.6987
day1%		0.9153	0.0847	0.9078	0.8092	0.3444

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7970	0.2030	0.6472	0.1567	0.5180
defect		0.8488	0.1512	0.6726	0.0932	0.2972
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8974	0.1026	0.6948	0.3413	0.5518
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.6757	0.1081	0.4346	0.5819	0.1627
desharnais		0.3750	0.4167	0.3158	0.0244	0.6574
dexter		0.8667	0.1333	0.8667	0.7333	0.5209
df_final		0.7500	0.1667	0.7690	0.6098	0.3265
diabetes		0.8077	0.1923	0.8163	0.6154	0.6064
diabetes-100k		0.9362	0.0638	0.7574	0.3841	0.2056
diabetes-risk		0.8453	0.1547	0.7320	0.4082	0.5497
diabetic		0.5767	0.2822	0.3799	0.1599	0.5192
diabetic1%		0.5882	0.2745	0.4735	0.2497	0.6735
diabetic10%		0.5452	0.3032	0.4351	0.1199	0.5607
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.5439	0.1824	0.2523	0.2979	0.3549
dishonest		0.8438	0.1562	0.8238	0.6460	0.6069
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.6667	0.3333	0.6495	0.2941	0.8617
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9130	0.0870	0.6741	0.2552	0.4630
dota2		0.6000	0.4000	0.5967	0.1917	0.9263
dota210%		0.5709	0.4291	0.5673	0.1337	0.9518
drebin		0.9415	0.0585	0.9370	0.8739	0.3065
dropout		0.7201	0.1866	0.5257	0.4976	0.3586
drug-01		0.3883	0.1748	0.1061	-0.0068	0.3969
drug-02		0.5000	0.1429	0.1102	0.0358	0.4228
drug-03		0.6915	0.0881	0.1172	0.0096	0.1975
drug-04		0.5213	0.1368	0.1754	0.0391	0.3669
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4362	0.1611	0.2682	0.2652	0.3452
drug-07		0.4628	0.1535	0.1443	0.0740	0.3281
drug-08		0.5638	0.1246	0.2393	0.0832	0.3352
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1511	0.1163	0.3507
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6011	0.1140	0.1600	0.1672	0.3345
drug-14		0.6117	0.1109	0.2295	0.2304	0.3319
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5851	0.1185	0.2332	0.2438	0.3184
drug-17		0.3457	0.1869	0.1243	0.0807	0.4445
drug-18		0.9886	0.0000	0.1858	0.0101	0.0096
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.6334	0.1048	0.5576	0.5471	0.2182
ecoli		0.7353	0.0662	0.2896	0.6156	0.1343
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU		0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3400	0.3300	0.3384	0.1195	0.7883
eeg		0.2191	0.0976	0.0879	0.1077	0.4398

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
eeg-eye		0.5728	0.4272	0.5548	0.0961	0.9116
eeg10%		0.2453	0.0943	0.0932	0.1421	0.4359
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5205	0.1918	0.3360	0.3546	0.3910
euthyroid		0.9209	0.0791	0.7275	0.3321	0.3228
exon.vs.intron-freq		0.8814	0.1186	0.8861	0.7639	0.4464
exon.vs.intron-freq10%		0.8801	0.1199	0.8839	0.7612	0.4590
fakenews		0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads		0.8527	0.1473	0.8580	0.6997	0.4832
fbis-wc		0.4146	0.0689	0.0955	0.2862	0.2950
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4902	0.5098	0.4530	-0.0798	0.9834
financial-risk		0.6460	0.1180	0.3495	0.3693	0.2743
flags		0.4500	0.1375	0.2002	0.2763	0.3255
fonts		0.1503	0.0111	0.0044	0.0546	0.3683
fonts10%		0.1450	0.0112	0.0042	0.0487	0.3692
forest		0.8077	0.0962	0.7890	0.7339	0.2478
gas		0.4306	0.1898	0.2665	0.2943	0.4202
gastrointestinal		0.6875	0.2083	0.5133	0.4737	0.3707
gender		0.6000	0.2667	0.3706	0.1077	0.4923
gene		0.8738	0.0841	0.8591	0.7977	0.3293
german		0.7400	0.2600	0.6980	0.3612	0.7202
gestures		0.2791	0.3604	0.2366	0.0382	0.7150
gina		0.8617	0.1383	0.8626	0.7228	0.5229
gisette		0.9471	0.0529	0.9472	0.8943	0.2768
glass		0.6190	0.1270	0.4895	0.4343	0.2709
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8690	0.1310	0.8679	0.7339	0.5168
green		0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage		0.3333	0.3333	0.2239	0.0625	0.5956
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.4922	0.0846	0.2709	0.3941	0.2373
har		0.3558	0.2577	0.2754	0.1480	0.5951
har70		0.7397	0.0744	0.3727	0.5788	0.1801
har701%		0.7283	0.0776	0.3628	0.5601	0.1886
har7010%		0.7390	0.0746	0.3726	0.5780	0.1812
harth		0.6079	0.0654	0.1656	0.4094	0.2533
harth1%		0.6049	0.0659	0.1638	0.4027	0.2583
harth10%		0.6073	0.0654	0.1655	0.4088	0.2547
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.8420	0.1580	0.8130	0.6248	0.6080
heart-quantum		0.9400	0.0600	0.9384	0.8760	0.3123
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass		0.8302	0.1698	0.8303	0.6604	0.6037
hepmass1%		0.8298	0.1702	0.8298	0.6596	0.6049

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hepmass10%		0.8299	0.1701	0.8300	0.6597	0.6041
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6055	0.3945	0.6022	0.2036	0.9237
higgs1%		0.6124	0.3876	0.6083	0.2138	0.9131
higgs10%		0.6122	0.3878	0.6086	0.2145	0.9135
higher		0.2857	0.1786	0.1382	0.1411	0.2932
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa		0.9157	0.0843	0.8390	0.6647	0.4329
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.6013	0.3058	0.5151
hotel-reservartions		0.8032	0.1968	0.7668	0.5207	0.6561
hr		0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor		0.5407	0.3062	0.5432	0.3130	0.6904
ht-sensor10%		0.5235	0.3177	0.5263	0.2880	0.7039
htru2		0.9581	0.0419	0.8618	0.6874	0.1755
hypothyroid		0.9182	0.0475	0.3945	0.2281	0.0759
hypothyroidT		0.9310	0.0690	0.7021	0.1756	0.1727
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.7327	0.1337	0.7511	0.6436	0.2687
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		0.8667	0.0889	0.8500	0.7973	0.2122
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.1412	0.0661	0.0685	0.1072	0.3386
jm1		0.8081	0.1919	0.5928	0.0839	0.5627
jvowels		0.4378	0.1249	0.2855	0.3552	0.3587
kc1		0.8626	0.1374	0.6787	0.2727	0.5332
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8462	0.1538	0.7518	0.3716	0.3104
kdc-4007		0.3965	0.1509	0.2582	0.2930	0.3248
kddcup98		0.9483	0.0517	0.5101	0.0018	0.2506
kddcup981%		0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%		0.9435	0.0565	0.5258	0.0232	0.4817
kddcup99		0.9898	0.0009	0.1294	0.9826	0.0082
kddcup991%		0.9812	0.0029	0.2272	0.9679	0.0162
kddcup9910%		0.9814	0.0016	0.1285	0.9683	0.0136
kepler		0.7741	0.1506	0.7158	0.6190	0.2522
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9750	0.0250	0.9743	0.9474	0.1598
krkopt		0.2602	0.0822	0.0946	0.1410	0.4009
krvskp		0.9216	0.0784	0.9215	0.8427	0.3630
la1s-wc		0.5333	0.1556	0.3639	0.3609	0.3258
la2s-wc		0.5894	0.1369	0.3980	0.4404	0.3016
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.1471	0.0426	0.0211	0.1101	0.2196
led24		0.4500	0.1100	0.2942	0.3642	0.2739
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.1875	0.0625	0.1049	0.1540	0.4139
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.2778	0.0963	0.1431	0.2277	0.2756
linkage		0.9979	0.0021	0.8940	0.7708	0.4755
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
linkage10%		0.9981	0.0019	0.9022	0.7868	0.4689
liver		0.7647	0.2353	0.7455	0.4868	0.7356
loan		0.9368	0.0632	0.9332	0.8662	0.3295
localization		0.4024	0.1087	0.0991	0.1470	0.3659
localization10%		0.3920	0.1105	0.0928	0.1330	0.3766
lrs		0.5992	0.0761	0.2442	0.4049	0.2057
lung		0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete		0.7500	0.0714	0.3750	0.6667	0.0972
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.8000	0.0800	0.3765	0.4444	0.1568
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.6667	0.0741	0.2500	0.5263	0.1076
machine-failure		0.9043	0.0957	0.9033	0.8050	0.4227
madelon		0.5923	0.4077	0.5937	0.1846	0.9272
magic04		0.7564	0.2436	0.7203	0.4244	0.7309
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8235	0.6458	0.6162
marketing		0.8929	0.1071	0.7543	0.4112	0.3595
maternal		0.5644	0.2904	0.5136	0.3240	0.5567
math		0.7000	0.1500	0.3901	0.5010	0.2903
mba		0.8355	0.1097	0.3485	0.0075	0.2492
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1933	0.3227	0.2034	-0.0110	0.8194
messidor		0.6000	0.4000	0.6014	0.2009	0.9178
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.4444	0.2778	0.5662	0.2500	0.2753
meter-D		0.6111	0.1944	0.4222	0.4299	0.2079
mfeat-fac		0.3350	0.1330	0.2553	0.2611	0.3392
mfeat-fou		0.4050	0.1190	0.3310	0.3389	0.3176
mfeat-kar		0.3800	0.1240	0.2201	0.3111	0.2976
mfeat-mor		0.4150	0.1170	0.3574	0.3500	0.2625
mfeat-pix		0.4550	0.1090	0.3770	0.3944	0.3022
mfeat-zer		0.3250	0.1350	0.1987	0.2500	0.3192
mice-prot		0.5000	0.1250	0.4704	0.4242	0.2949
milk		0.7547	0.1635	0.7245	0.6217	0.4560
mines		0.4412	0.2235	0.2602	0.2806	0.3545
mobile		0.1049	0.0320	0.0401	0.0879	0.2974
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6230	0.3770	0.3838	-0.0637	0.7809
monks-3		0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9963	0.0037	0.9963	0.9926	0.0306
music		0.3606	0.1163	0.1841	0.1732	0.4092
musk		0.8758	0.1242	0.7189	0.3242	0.4122
MUT_ci300400a_cdk_ECFP2		0.7782	0.2218	0.7701	0.5392	0.7078
MUT_ci300400a_rdkit_descriptors		0.6679	0.3321	0.6540	0.3028	0.8576
myocardial		0.8706	0.0324	0.2424	0.3411	0.0990
naticusdroid		0.9250	0.0750	0.9253	0.8500	0.3518
nci9		0.1667	0.1852	0.0741	0.1176	0.2524
ncRNA		0.8468	0.0161	0.1133	0.4972	0.1363
ncRNA1%		0.8503	0.0158	0.0864	0.5078	0.1209
ncRNA10%		0.8487	0.0159	0.0871	0.5088	0.1353
neo		0.9027	0.0973	0.4744	0.0000	0.2194

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
new3s-wc		0.0756	0.0420	0.0224	0.0062	0.4045
newspop		0.6410	0.3590	0.6377	0.2733	0.8870
NHANES_age_prediction		0.9383	0.0617	0.8772	0.7328	0.2608
nomao		0.9048	0.0952	0.8848	0.7694	0.4657
NPHA-doctor-visits		0.4583	0.3611	0.2471	-0.0939	0.5773
nursery		0.9082	0.0367	0.5522	0.8639	0.1160
obesity		0.3744	0.1787	0.3069	0.2670	0.4885
obs		0.4815	0.2593	0.3274	0.1494	0.5634
occupancy		0.9796	0.0204	0.9729	0.9442	0.1931
Occupancy_Estimation		0.9082	0.0459	0.7129	0.6795	0.1442
oh0-wc		0.3960	0.1208	0.1598	0.2787	0.2877
oh10-wc		0.5048	0.0990	0.2847	0.4185	0.2853
oh15-wc		0.4457	0.1109	0.1812	0.3430	0.2809
oh5-wc		0.3846	0.1231	0.2288	0.2762	0.3068
ohscal-wc		0.3378	0.1324	0.2291	0.2487	0.3729
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.4306	0.1139	0.2846	0.3671	0.3211
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.1000	0.0450	0.0494	0.0769	0.2707
orlraws10P		0.4000	0.1200	0.2740	0.3333	0.1855
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7938	0.2062	0.7626	0.5196	0.6881
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8730	0.1270	0.8765	0.7471	0.4811
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9141	0.0344	0.2711	0.2472	0.0895
parkinson		0.8833	0.1167	0.8793	0.7586	0.4860
parkinsons		0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.8177	0.1823	0.7603	0.4610	0.5259
particle10%		0.8262	0.1738	0.7717	0.4954	0.5306
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4639	0.5361	0.4319	-0.1339	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8684	0.1316	0.8134	0.6078	0.5105
pediatric-leukemia		0.5588	0.1260	0.3210	0.4504	0.2512
pendigits		0.3567	0.1287	0.2945	0.2842	0.3281
period		0.7778	0.2222	0.7500	0.5000	0.7296
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.7988	0.2012	0.7816	0.5598	0.6723
personalities		0.2167	0.0979	0.1180	0.1645	0.4087
pet-adoption		0.8700	0.1300	0.8511	0.7014	0.5348
phishing		0.9469	0.0531	0.9442	0.8880	0.2777
phone-acc		0.3403	0.1885	0.2850	0.2265	0.3921
phone-acc0.1%		0.3844	0.1759	0.3250	0.2787	0.4170
phone-acc1%		0.3817	0.1767	0.3320	0.2755	0.4027
phone-acc10%		0.3334	0.1905	0.2747	0.2182	0.3904
phone-gyr		0.3367	0.1895	0.3014	0.2248	0.3461
phone-gyr0.1%		0.3238	0.1932	0.2193	0.2093	0.3495
phone-gyr1%		0.3336	0.1904	0.3155	0.2211	0.3488
phone-gyr10%		0.3366	0.1896	0.3033	0.2247	0.3478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
phoneme			0.7611	0.2389	0.6901	0.3760	0.7750
phy			0.7014	0.2986	0.7014	0.4027	0.8192
pima			0.6974	0.3026	0.6735	0.3063	0.7532
placement			0.7910	0.2090	0.7869	0.5734	0.6856
plant-growth			0.8421	0.1579	0.8444	0.6851	0.5655
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1001	0.0666	0.0000	0.1726
poker1%			0.4995	0.1001	0.0973	0.0050	0.2106
poker10%			0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7395	0.2605	0.7053	0.4032	0.7742
popularity			0.6494	0.2337	0.3922	0.1350	0.4495
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.6425	0.1430	0.5756	0.5512	0.3505
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6919	0.3824	0.8284
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.2121	0.0716	0.0547	0.1227	0.2996
processed			0.8605	0.1395	0.8419	0.6835	0.5681
profb			0.8060	0.1940	0.7711	0.5330	0.6591
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.6838	0.1265	0.4483	0.5554	0.2981
puc-rio10%			0.6958	0.1217	0.4569	0.5723	0.2809
pufs-128			0.5006	0.4994	0.5006	0.0012	0.9996
pufs-1281%			0.5080	0.4920	0.5080	0.0160	0.9953
pufs-12810%			0.4997	0.5003	0.4997	-0.0005	1.0000
pufs-64			0.5020	0.4980	0.5020	0.0040	0.9980
pufs-641%			0.5008	0.4992	0.5008	0.0017	0.9995
pufs-6410%			0.5020	0.4980	0.5020	0.0040	0.9988
pulsar			0.9673	0.0327	0.8956	0.7706	0.1406
raisin			0.9000	0.1000	0.9025	0.8000	0.4045
rcv11%			0.2741	0.0274	0.0288	0.0707	0.2726
rcv110%			0.3282	0.0254	0.0345	0.1479	0.2539
re0-wc			0.5333	0.0718	0.1009	0.2838	0.2793
re1-wc			0.4398	0.0448	0.0721	0.2952	0.2613
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.6675	0.0102	0.0295	0.4751	0.1841
rice			0.9824	0.0176	0.9823	0.9644	0.1090
rnaseq			0.7375	0.1050	0.5448	0.6249	0.1595
rocket			0.6212	0.3788	0.5890	0.1663	0.8975
RT_IOT2022			0.8570	0.0238	0.2070	0.6033	0.0810
satimage			0.5754	0.1415	0.4783	0.4614	0.2990
satimageF			0.9767	0.0233	0.9375	0.8691	0.1320
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.5746	0.1081	0.3112	0.4338	0.1706
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6765	0.3235	0.6768	0.3529	0.8487
sclerosis			0.9630	0.0370	0.9635	0.9244	0.1598
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.8205	0.1795	0.8191	0.6380	0.6262
segment			0.3939	0.1732	0.2789	0.2945	0.2844
segmentation			0.7921	0.2079	0.7672	0.5293	0.6873

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
segmentO			0.8701	0.1299	0.6992	0.1853	0.2704
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8635	0.1365	0.4634	-0.0052	0.3825
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8658	0.1342	0.5503	0.0232	0.4453
sens-5-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.3130	0.1249	0.2382	0.2443	0.3822
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8751	0.1249	0.7136	0.3348	0.4643
shuttle			0.8631	0.0391	0.3336	0.5193	0.0912
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9270	0.0730	0.8936	0.7858	0.4440
skin10%			0.9248	0.0752	0.8888	0.7770	0.4494
smarket			0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming			0.1600	0.4200	0.1368	-0.1182	0.7709
smk_can_187			0.5263	0.4737	0.5278	0.0552	0.9801
smoking			0.7226	0.2774	0.7081	0.4150	0.7962
soil_pollution			0.1967	0.3213	0.1694	-0.0069	0.7496
solar-flare			0.5755	0.1415	0.3414	0.4518	0.2981
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.3676	0.0666	0.1401	0.2755	0.2591
spam-detection			0.9175	0.0825	0.6922	0.1863	0.2598
spambase			0.8913	0.1087	0.8872	0.7656	0.4090
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.2453	0.0314	0.0317	0.1699	0.2396
splice-EI			0.9432	0.0568	0.9303	0.8566	0.3541
splice-IE			0.8927	0.1073	0.8451	0.6857	0.4963
sport-articles			0.8600	0.1400	0.8486	0.6857	0.4988
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			0.8000	0.1333	0.5385	0.5455	0.2005
startup			0.9785	0.0215	0.9765	0.9530	0.1491
steel_industry			0.7006	0.1996	0.6457	0.5111	0.5606
steel-b			0.7949	0.2051	0.6209	0.1950	0.7049
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9590	0.0410	0.9356	0.8693	0.2472
steel-o			0.7333	0.2667	0.6882	0.3459	0.7423
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9333	0.0667	0.7789	0.5194	0.4195
stellar			0.7220	0.1853	0.5576	0.3943	0.2778
stock			0.8681	0.1319	0.7447	0.4462	0.5391
stockb			0.8590	0.0940	0.8618	0.7886	0.2314
streaming			0.7740	0.2260	0.7711	0.5421	0.7132
stress			0.5873	0.1651	0.5879	0.4878	0.1680
student-lifestyle			0.6100	0.1560	0.3621	0.3386	0.3392
student-depression			0.8308	0.1692	0.8244	0.6472	0.6033
student-habits			0.4300	0.2280	0.1979	0.0938	0.4579
student-weekend			0.4308	0.2277	0.2051	0.1775	0.4452
student-workday			0.7344	0.1062	0.2687	0.1929	0.2697

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
studentap			0.5385	0.3077	0.5342	0.2778	0.6089
susy			0.7498	0.2502	0.7598	0.4799	0.6407
susy1%			0.7498	0.2502	0.7581	0.4808	0.6538
susy10%			0.7510	0.2490	0.7607	0.4828	0.6417
swarm_aligned			0.9721	0.0279	0.9692	0.9366	0.1944
swarm_flocking			0.8301	0.1699	0.8302	0.6603	0.6038
swarm_grouped			0.9351	0.0649	0.9306	0.8611	0.3304
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8906	0.1094	0.8542	0.7008	0.4670
texture			0.2582	0.1349	0.1105	0.1858	0.3043
theorem			0.8822	0.1178	0.8783	0.7552	0.4776
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			0.7368	0.2632	0.7178	0.4328	0.7759
tis			0.8983	0.1017	0.8617	0.7230	0.4970
tis10%			0.8284	0.1716	0.7484	0.4792	0.6398
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.6250	0.1250	0.2411	0.4146	0.1603
tox_171			0.7059	0.1471	0.7208	0.6101	0.2469
toxicity			0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.7273	0.0909	0.3081	0.1562	0.1749
trec23-wc			0.4762	0.1746	0.2189	0.0977	0.3002
trec31-wc			0.3763	0.1782	0.0800	0.0066	0.3148
trec41-wc			0.2841	0.1432	0.0446	0.0016	0.3267
trec45-wc			0.3913	0.1217	0.1134	0.2390	0.3255
tuandromd			0.9081	0.0919	0.8482	0.6693	0.3566
turkish			0.6500	0.1750	0.5581	0.5333	0.3319
tvnews			0.8545	0.1455	0.8407	0.6774	0.5482
tvnews1%			0.9000	0.1000	0.8917	0.7825	0.4367
tvnews10%			0.8620	0.1380	0.8495	0.6953	0.5300
urban			0.4776	0.1161	0.2622	0.3713	0.2992
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%			0.9215	0.0785	0.9111	0.8190	0.3534
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.4643	0.2679	0.4276	0.2761	0.6094
vehicleVAN			0.7857	0.2143	0.6699	0.2653	0.6296
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9767	0.0233	0.9773	0.9535	0.1262
vowel			0.3838	0.1120	0.3301	0.3222	0.2595
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.3846	0.0615	0.0962	0.2767	0.3034
warpar10p			0.3077	0.1385	0.2115	0.2148	0.2204
warppie10p			0.1905	0.1619	0.1128	0.1053	0.3287
watch-acc			0.3306	0.1913	0.3128	0.2091	0.5139
watch-acc1%			0.3352	0.1899	0.3017	0.2155	0.5106
watch-acc10%			0.3315	0.1910	0.3076	0.2103	0.5122
watch-gyr			0.2846	0.2044	0.1716	0.1579	0.4247
watch-gyr1%			0.2873	0.2036	0.1591	0.1610	0.4100
watch-gyr10%			0.2841	0.2046	0.1579	0.1572	0.4226

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
water_pollution			0.2200	0.3900	0.2206	-0.0392	0.8791
waveform			0.8600	0.0933	0.8604	0.7901	0.3320
weather-related			0.4385	0.1021	0.2146	0.3282	0.2727
web-phishing			0.8000	0.1333	0.5499	0.6221	0.3292
weight-lift			0.3417	0.2633	0.2471	0.1311	0.5287
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.7300	0.1350	0.6277	0.6400	0.2320
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5472	0.1509	0.1991	0.2290	0.3421
winequality-white			0.5072	0.1408	0.1632	0.1690	0.3399
winnipeg			0.7133	0.0819	0.4406	0.6224	0.1783
winnipeg10%			0.7067	0.0838	0.4337	0.6133	0.1816
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.1875	0.1083	0.0736	0.1333	0.2608
yeast			0.4459	0.1108	0.1909	0.2608	0.3585
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.3688	0.1262	0.1566	0.2694	0.3413

Table 156: Detailed results for PLSGLM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1831	0.0778	0.1030	0.0882	0.4654
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9809	0.0191	0.5392	0.0284	0.3504
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9695	0.0305	0.9350	0.8688	0.2443
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9277	0.0362	0.6710	0.8588	0.1643
anuran-genus		0.9305	0.0174	0.7389	0.8831	0.1368
anuran-species		0.9319	0.0136	0.7853	0.9044	0.1303
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.4000	0.2400	0.2295	0.1781	0.3538
avila		0.5141	0.0810	0.2631	0.2579	0.3398
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.9085	0.0915	0.7404	0.4675	0.5759
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9171	0.0829	0.9097	0.8158	0.3612
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8762	0.1238	0.8682	0.7362	0.5083
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.7407	0.7800	0.0723
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8448	0.0776	0.6244	0.6653	0.3567
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.7887	0.0423	0.6878	0.7439	0.1825
cardiotocography-nsp		0.8826	0.0782	0.7931	0.6638	0.4160
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5432	0.4216	0.5550
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.6523	0.3477	0.6506	0.3011	0.8780
cas_N6512_RDkit_AtomPair_FP		0.7178	0.2822	0.7157	0.4312	0.7984
cas_N6512_rdkit_AVALON		0.7358	0.2642	0.7373	0.4724	0.7651
cas_N6512_RDkit_Avalon_FP		0.7408	0.2592	0.7428	0.4828	0.7562
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.6917	0.3083	0.6901	0.3802	0.8324
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.7785	0.2215	0.7767	0.5530	0.7037
cas_N6512_RDkit_morgan_FP		0.7623	0.2377	0.7613	0.5225	0.7312
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.7373	0.2627	0.7374	0.4740	0.7674
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.7987	0.5967	0.6575
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.7856	0.5710	0.4672
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.9490	0.0010	0.9511	0.9485	0.0177
cirrhosis		0.7381	0.1746	0.4989	0.4628	0.3973
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7704	0.1148	0.4942	0.6232	0.3001
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4676	0.2010	0.7453
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8158	0.0335	0.5471	0.7736	0.2130
coil20		0.9236	0.0076	0.9138	0.9195	0.0301
college		0.7273	0.2727	0.4211	0.0000	0.4205
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5517	0.4483	0.4280	-0.1254	0.9808
colposcopies-2		0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3		0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4		0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
comedy_comparisons		0.5197	0.4803	0.3420	0.0000	0.5252
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7524	0.2476	0.7526	0.5049	0.7454
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8829	0.0390	0.7100	0.7471	0.2592
cryotherapy		0.7778	0.2222	0.7750	0.5500	0.7072
cultivars		0.1875	0.0406	0.1412	0.1680	0.1179
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8130	0.1870	0.6821	0.2891	0.5956
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8987	0.1013	0.7123	0.4018	0.5898
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.6525	0.4146	0.3469
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5000	0.5000	0.5143	0.0270	0.9591
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7652	0.1565	0.6578	0.5973	0.4319
drug-01		0.3989	0.1717	0.1230	0.0299	0.5002
drug-02		0.5213	0.1368	0.2162	0.1039	0.4708
drug-03		0.6915	0.0881	0.1379	0.0464	0.2416
drug-04		0.5319	0.1337	0.2188	0.0865	0.3794
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-06		0.4362	0.1611	0.2139	0.2704	0.4090
drug-07		0.4681	0.1520	0.1445	0.0797	0.3062
drug-08		0.5691	0.1231	0.1945	0.1259	0.3764
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5532	0.1277	0.1519	0.1307	0.3564
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1729	0.2218	0.3297
drug-14		0.5957	0.1155	0.2244	0.2314	0.3978
drug-15		0.7500	0.0714	0.1236	0.0290	0.2685
drug-16		0.6011	0.1140	0.2524	0.3095	0.3716
drug-17		0.3617	0.1824	0.1306	0.1040	0.4567
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7606	0.0684	0.1234	-0.0134	0.2600
drybean		0.8802	0.0342	0.8956	0.8549	0.1751
ecoli		0.8824	0.0392	0.7490	0.8363	0.1283
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6142	0.3858	0.6036	0.2001	0.9050
eeg10%		0.2927	0.0884	0.2242	0.2061	0.5517
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5753	0.1699	0.4955	0.4411	0.4244
euthyroid		0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8892	0.1108	0.8898	0.7784	0.4589
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		1.0000	0.0000	0.0002	1.0000	1.0000
fbis-wc		0.6829	0.0373	0.5612	0.6395	0.2277
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9423	0.0288	0.9418	0.9207	0.1008
gas		0.7369	0.0877	0.6772	0.6802	0.2316
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6000	0.2667	0.3792	0.1413	0.5118
gene		0.9274	0.0484	0.9176	0.8838	0.2182
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8847	0.1153	0.8848	0.7692	0.4722
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7143	0.0952	0.6880	0.5896	0.2365
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.8690	0.1310	0.8679	0.7339	0.5168

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.3984	0.1228	0.6254
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.8829	0.0195	0.7802	0.8616	0.1399
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7668	0.0666	0.3927	0.6212	0.1476
har7010%		0.7656	0.0670	0.3934	0.6192	0.1550
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6592	0.0568	0.2411	0.5079	0.2217
harth10%		0.6584	0.0569	0.2421	0.5062	0.2269
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.7059	0.2941	0.7043	0.4056	0.8063
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.9000	0.1000	0.9009	0.8000	0.4259
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6318	0.3682	0.6284	0.2537	0.8938
higgs1%		0.6285	0.3715	0.6249	0.2463	0.8967
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.1429	0.2143	0.1148	-0.0060	0.4414
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.9342	0.0658	0.8823	0.7645	0.4318
hiva		0.9645	0.0355	0.6167	0.1102	0.3399
horse		0.5833	0.2778	0.5468	0.2613	0.6395
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5617	0.2922	0.5641	0.3414	0.6697
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9390	0.0305	0.5564	0.5534	0.1696
hypothyroidT		0.9682	0.0318	0.8780	0.7234	0.0997
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		0.8667	0.0889	0.8500	0.7973	0.2122
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8127	0.1873	0.6151	0.1315	0.5813
jvowels		0.9116	0.0196	0.9059	0.8998	0.1221
kc1		0.8626	0.1374	0.6890	0.3408	0.6188
kc1-class-level-defectiveornot		0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect		0.6154	0.1538	0.1778	0.2262	0.3070
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.5782	0.1357	0.7892

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kdc-4007		1.0000	1.0000	0.0994	1.0000	0.4715
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2713	0.0810	0.2061	0.1624	0.5039
krvskp		0.9592	0.0408	0.9593	0.9184	0.2285
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6765	0.0281	0.6614	0.6612	0.0778
led24		0.7000	0.0667	0.7217	0.6591	0.1654
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.6455	0.0273	0.6433	0.6313	0.3105
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.6667	0.0444	0.6437	0.6418	0.1325
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8868	0.0226	0.5757	0.8424	0.0723
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		0.7500	0.1000	0.7000	0.6735	0.1436
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.4149	0.5851	0.2932	0.0000	0.5268
madelon		0.6192	0.3808	0.6195	0.2385	0.9096
magic04		0.7801	0.2199	0.7506	0.4940	0.7070
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8646	0.1354	0.8640	0.7277	0.5259
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6238	0.2508	0.6213	0.4168	0.5381
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.6696	0.3304	0.6767	0.3458	0.8335
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.5629	0.4592	0.3254
meter-D		0.5556	0.2222	0.4091	0.3846	0.2120
mfeat-fac		0.9650	0.0070	0.9657	0.9611	0.0412
mfeat-fou		0.7800	0.0440	0.7789	0.7556	0.1784
mfeat-kar		0.9650	0.0070	0.9660	0.9611	0.0441
mfeat-mor		0.7100	0.0580	0.7107	0.6778	0.2211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-pix		0.9700	0.0060	0.9709	0.9667	0.0353
mfeat-zer		0.7800	0.0440	0.7756	0.7556	0.1871
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.2358	0.5094	0.1272	0.0000	0.4229
mines		0.5000	0.2000	0.4151	0.3724	0.3946
mobile		0.7028	0.0106	0.7063	0.6974	0.1262
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9015	0.0985	0.7911	0.5657	0.5139
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.8012	0.1988	0.7959	0.5917	0.6685
MUT_ci300400a_cdk_ECFP6		0.7772	0.2228	0.7706	0.5411	0.7114
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.7734	0.2266	0.7691	0.5376	0.7156
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.7389	0.2611	0.7288	0.4563	0.7714
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.0647	0.2338	0.0152	0.0000	0.1418
naticusdroid		0.9529	0.0471	0.9531	0.9059	0.2521
NCI60		0.6667	0.1111	0.6667	0.6000	0.1003
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7057	0.0310	0.0682	0.1629	0.3718
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6440	0.3560	0.6409	0.2800	0.8846
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9260	0.0740	0.9087	0.8172	0.3869
NPHA-doctor-visits		0.5000	0.3333	0.2849	-0.0302	0.5269
nursery		0.9182	0.0409	0.7605	0.8789	0.1424
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.7870	0.1065	0.8411	0.6784	0.2319
occupancy		0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation		0.9714	0.0143	0.9060	0.9127	0.0826
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9298	0.0156	0.9215	0.9118	0.0396
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9123	0.0877	0.6612	0.0194	0.2041
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.9250	0.0037	0.9059	0.9231	0.0126
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9328	0.0672	0.6875	0.2946	0.4475
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9433	0.0227	0.5636	0.6460	0.2765
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.8421	0.1579	0.8114	0.6175	0.6233
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.8531	0.1469	0.8099	0.6126	0.5758
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.5309	0.4691	0.3468	-0.1010	0.8613
pcos		0.8000	0.2000	0.4444	0.0000	0.3522
pd		0.8553	0.1447	0.7983	0.5926	0.6007
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.8999	0.0200	0.9023	0.8888	0.1193
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9510	0.0490	0.9485	0.8965	0.2569
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%		0.5881	0.1177	0.5730	0.5172	0.3935
phone-acc1%		0.6098	0.1115	0.5772	0.5426	0.3881
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.5635	0.1247	0.5400	0.4882	0.4314
phone-gyr1%		0.5608	0.1255	0.5368	0.4853	0.4247
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.7630	0.2370	0.6940	0.3847	0.7725
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.6974	0.3026	0.6735	0.3063	0.7532
pirvision		0.9693	0.0205	0.9243	0.8992	0.0915
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.5263	0.4737	0.3448	0.0000	0.5239
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4907	0.1455	0.1288	-0.0117	0.2577
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th		0.9306	0.0694	0.4820	0.0000	0.1724
polya		0.7665	0.2335	0.7379	0.4699	0.7325
popularity		0.6608	0.2261	0.4082	0.1918	0.4605
post-operative		0.3333	0.6667	0.2500	0.0000	0.5000
postures		0.7901	0.0839	0.7897	0.7376	0.3155
pred-tox_mutagen_ref-desc		0.6471	0.3529	0.6481	0.2941	0.8778
prestige		0.3333	0.4444	0.1667	0.0000	0.4024
primary-tumor		0.5758	0.0653	0.5164	0.5242	0.2319
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.8507	0.1493	0.8308	0.6616	0.5882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.8028	0.0789	0.7212	0.7302	0.2780
puc-rio10%			0.8129	0.0748	0.7209	0.7445	0.2772
pufs-1281%			0.4972	0.5028	0.4972	-0.0057	1.0000
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5050	0.4950	0.5050	0.0100	0.9971
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%			0.0019	0.0487	0.0001	0.0000	0.3465
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6212	0.3788	0.5927	0.1789	0.9083
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8243	0.0586	0.7731	0.7801	0.2015
satimageF			0.9844	0.0156	0.9589	0.9167	0.1403
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6471	0.3529	0.6481	0.2941	0.8778
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom			0.8423	0.1577	0.8407	0.6812	0.5808
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9221	0.0223	0.9289	0.9089	0.0922
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			1.0000	1.0000	0.2405	1.0000	0.4931
sens-7-gram			0.0000	1.0000	0.0000	1.0000	0.0000
sens-8-gram			0.0000	1.0000	0.0000	1.0000	1.0000
sensorless			0.5089	0.0893	0.5197	0.4598	0.4138
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8840	0.1160	0.7396	0.4220	0.4942
shuttle			0.9234	0.0219	0.5270	0.7596	0.0951
sick			0.9549	0.0451	0.7909	0.5627	0.4329
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9189	0.0811	0.8780	0.7558	0.4664
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7698	0.0767	0.6973	0.7036	0.1795

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9130	0.0870	0.9089	0.8150	0.3758
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.3846	0.0456	0.1813	0.3426	0.1982
splice-EI			0.9558	0.0442	0.9453	0.8876	0.3038
splice-IE			0.8991	0.1009	0.8590	0.7180	0.5039
sport-articles			0.8500	0.1500	0.8366	0.6690	0.5577
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.7360	0.1760	0.6801	0.5706	0.4930
steel-b			0.8000	0.2000	0.6492	0.2744	0.7315
steel-d			0.9744	0.0256	0.7350	0.4328	0.4212
steel-k			0.9846	0.0154	0.9767	0.9533	0.1586
steel-o			0.7436	0.2564	0.7017	0.3758	0.7304
steel-p			0.9282	0.0718	0.7091	0.3829	0.5270
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9590	0.0410	0.8893	0.7772	0.4339
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.3348	0.4435	0.1672	0.0000	0.4165
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.3692	0.2523	0.2325	0.1126	0.6728
student-workday			0.7031	0.1187	0.2271	0.0830	0.3018
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7822	0.2178	0.7822	0.5544	0.6692
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9582	0.0076	0.9612	0.9539	0.0500
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8824	0.0588	0.8875	0.8426	0.1448
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.8250	0.0875	0.8283	0.7667	0.1933
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8209	0.0398	0.8540	0.7907	0.1523
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7143	0.1429	0.6757	0.6121	0.3711
vehicleVAN			0.9524	0.0476	0.9363	0.8644	0.1545
voice			0.7500	0.2500	0.7989	0.5263	0.5112
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.4343	0.1028	0.4491	0.3778	0.3035
vowelZ			0.9495	0.0505	0.8723	0.7343	0.4979
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.9231	0.0154	0.8830	0.9128	0.0257
warppie10p			0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.5083	0.1405	0.4932	0.4231	0.5276
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.5094	0.1402	0.4945	0.4267	0.4474
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8660	0.0893	0.8666	0.7991	0.3223
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8000	0.1333	0.5537	0.6256	0.4188
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.1667	0.8333	0.1429	-0.6667	0.9586
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9731	0.0269	0.8382	0.6534	0.2957
wine			0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red			0.5912	0.1363	0.2692	0.3186	0.3601
winequality-white			0.5256	0.1356	0.2498	0.2241	0.4255
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9724	0.0079	0.9744	0.9650	0.0572
wisc_bc			0.3684	0.6316	0.2692	0.0000	0.5148
yale			0.6250	0.0500	0.6377	0.6000	0.1051
yeast			0.5000	0.1111	0.3407	0.3523	0.4009
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.8763	0.0247	0.8665	0.8613	0.1637

Table 157: Detailed results for PLSGLM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1928	0.0769	0.1395	0.1118	0.4948
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9726	0.0274	0.8678	0.7355	0.4265
accelerometer		0.9809	0.0191	0.5392	0.0284	0.3504
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9695	0.0305	0.9350	0.8688	0.2443
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.7079	0.1169	0.1658	0.0000	0.2204
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9444	0.0278	0.8124	0.8925	0.2229
anuran-genus		0.9624	0.0094	0.9029	0.9376	0.1265
anuran-species		0.9722	0.0056	0.9306	0.9614	0.0642
anxiety		0.1250	0.1944	0.0247	0.0000	0.4034
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.5556	0.0889	0.0714	0.0000	0.2612
auction		0.8971	0.1029	0.7211	0.3859	0.5057
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.5625	0.0729	0.4628	0.3489	0.4043
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8548	0.0968	0.6041	0.7368	0.4257
bank		0.9085	0.0915	0.7400	0.4664	0.5751
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9124	0.0876	0.9047	0.8050	0.3716
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8762	0.1238	0.8682	0.7362	0.5083
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.4545	0.5455	0.4500	-0.1000	1.0000
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5820	0.5644	0.1810
bridges		0.5000	0.1667	0.1111	0.0000	0.3136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8333	0.0833	0.4092	0.6303	0.2305
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography		0.8028	0.0394	0.7189	0.7600	0.1656
cardiotocography-nsp		0.8873	0.0751	0.7970	0.6823	0.4040
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9924	0.0051	0.9923	0.9886	0.0237
cars		0.7250	0.1833	0.5724	0.4781	0.5086
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.6523	0.3477	0.6506	0.3011	0.8780
cas_N6512_RDkit_AtomPair_FP		0.7193	0.2807	0.7172	0.4344	0.7964
cas_N6512_rdkit_AVALON		0.7327	0.2673	0.7348	0.4668	0.7679
cas_N6512_RDkit_Avalon_FP		0.7408	0.2592	0.7428	0.4828	0.7562
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.6933	0.3067	0.6917	0.3835	0.8304
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.7631	0.2369	0.7613	0.5224	0.7302
cas_N6512_RDkit_morgan_FP		0.7669	0.2331	0.7657	0.5314	0.7239
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.7327	0.2673	0.7331	0.4651	0.7733
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9973	0.0027	0.4993	-0.0005	0.3640
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.7856	0.5710	0.4672
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.5180	0.5070	0.3634
cjs		0.2429	0.2524	0.0651	0.0000	0.3839
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8037	0.0981	0.5645	0.6924	0.3149
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.7500	0.1667	0.8028	0.6000	0.3320
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4762	0.3492	0.4450	0.1715	0.7604
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8365	0.0297	0.5894	0.7996	0.2098
coil20		0.1458	0.0854	0.1174	0.1022	0.3643
college		0.7273	0.2727	0.4211	0.0000	0.4205
collins		0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5862	0.4138	0.4937	-0.0116	0.9557
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.8966	0.1034	0.8971	0.7924	0.4312
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7548	0.2452	0.7557	0.5099	0.7381
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.5000	0.2500	0.3333	0.3333	0.2044
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8986	0.0338	0.7950	0.7859	0.2546
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.3125	0.0344	0.2156	0.2932	0.1094
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.6998	0.3793	0.7738
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8137	0.1863	0.6836	0.2926	0.5946
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8994	0.1006	0.7141	0.4052	0.5864
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.2973	0.2342	0.0764	0.0000	0.3667
desharnais		0.5000	0.3333	0.3639	0.1351	0.4618
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8846	0.1154	0.8771	0.7516	0.4687
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5000	0.5000	0.5143	0.0270	0.9591
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7833	0.1445	0.7119	0.6375	0.4278
drug-01		0.4043	0.1702	0.1609	0.0574	0.5260
drug-02		0.5160	0.1383	0.1739	0.0971	0.4356
drug-03		0.6809	0.0912	0.1161	-0.0052	0.2681
drug-04		0.5160	0.1383	0.2005	0.0731	0.5381
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-06		0.4255	0.1641	0.2596	0.2668	0.5324
drug-07		0.4681	0.1520	0.1451	0.0890	0.3382
drug-08		0.5426	0.1307	0.1557	0.0661	0.4490
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5426	0.1307	0.1432	0.0990	0.3599
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1786	0.2449	0.3970
drug-14		0.5904	0.1170	0.2199	0.2320	0.4126
drug-15		0.7553	0.0699	0.1233	0.0078	0.2431
drug-16		0.5638	0.1246	0.2047	0.2338	0.3995
drug-17		0.3670	0.1809	0.1776	0.1181	0.5189
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7606	0.0684	0.1234	-0.0134	0.2600
drybean		0.9265	0.0210	0.9381	0.9112	0.1232
ecoli		0.8235	0.0588	0.6846	0.7450	0.1164
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.3034	0.0871	0.2670	0.2160	0.5729
eeg-eye		0.5955	0.4045	0.5826	0.1566	0.9165
eeg10%		0.3046	0.0869	0.3221	0.2263	0.6240
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8898	0.1102	0.8903	0.7796	0.4576
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		1.0000	0.0000	0.0002	1.0000	1.0000
fbis-wc		0.2073	0.0933	0.0202	0.0000	0.3505
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9038	0.0481	0.8860	0.8675	0.1389
gas		0.8943	0.0352	0.8894	0.8717	0.1339
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6021	0.2653	0.3807	0.1449	0.5100
gene		0.9180	0.0547	0.9100	0.8694	0.2348
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.8847	0.1153	0.8848	0.7692	0.4722
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.5238	0.1587	0.5034	0.3204	0.3509
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.8690	0.1310	0.8679	0.7339	0.5168

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.2110	0.0566	0.5338
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.9323	0.0113	0.8427	0.9200	0.0698
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.7765	0.0638	0.4464	0.6376	0.1492
har7010%		0.7710	0.0654	0.4275	0.6295	0.1838
harth		0.4492	0.0918	0.0517	0.0000	0.2692
harth1%		0.6805	0.0532	0.2635	0.5452	0.2323
harth10%		0.6752	0.0541	0.2636	0.5374	0.2428
hayes-roth		0.3750	0.4167	0.4172	0.0062	0.6221
hcc-survival		0.7059	0.2941	0.7043	0.4056	0.8063
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.9000	0.1000	0.9009	0.8000	0.4259
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.9333	0.0667	0.8929	0.7619	0.1858
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8344	0.1656	0.8344	0.6687	0.5953
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6309	0.3691	0.6275	0.2524	0.8959
higgs1%		0.6290	0.3710	0.6254	0.2474	0.8960
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.4286	0.1429	0.3230	0.3043	0.2498
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.9342	0.0658	0.8823	0.7645	0.4318
hiva		0.9622	0.0378	0.4904	-0.0045	0.3546
horse		0.5833	0.2778	0.4060	0.2105	0.5285
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.5769	0.2821	0.5803	0.3614	0.6563
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9496	0.0252	0.4176	0.6715	0.1179
hypothyroidT		0.9682	0.0318	0.8780	0.7234	0.0997
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.6816	0.0245	0.6690	0.6689	0.1583
jm1		0.8118	0.1882	0.6119	0.1295	0.5906
jvowels		0.9498	0.0112	0.9460	0.9431	0.0759
kc1		0.8673	0.1327	0.6994	0.3535	0.5873
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6154	0.1538	0.1600	0.0441	0.3630
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6081	0.1734	0.7219

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kdc-4007		1.0000	1.0000	0.0994	1.0000	0.4715
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2959	0.0782	0.2588	0.2004	0.5719
krvskp		0.9592	0.0408	0.9593	0.9184	0.2285
la1s-wc		0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7353	0.0230	0.6958	0.7213	0.0685
led24		0.6000	0.0889	0.5179	0.5429	0.2035
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7975	0.0156	0.7968	0.7893	0.2064
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.7778	0.0296	0.7967	0.7614	0.1047
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8113	0.0377	0.5389	0.7366	0.1623
lung		0.7619	0.0952	0.3115	0.4928	0.1285
lung_discrete		0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.5714	0.2857	0.2424	0.0000	0.3175
lymphoma2		0.5556	0.1481	0.2326	0.2941	0.2247
machine-failure		0.5851	0.4149	0.3691	0.0000	0.5062
madelon		0.6192	0.3808	0.6195	0.2385	0.9096
magic04		0.7785	0.2215	0.7488	0.4906	0.7103
malware		0.8108	0.1892	0.4478	0.0000	0.3405
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6535	0.2310	0.6575	0.4639	0.5001
math		0.4250	0.2875	0.1491	0.0000	0.3351
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.6870	0.3130	0.6892	0.3746	0.8260
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.8558	0.7741	0.1717
meter-D		0.6667	0.1667	0.6250	0.5200	0.1792
mfeat-fac		0.9700	0.0060	0.9705	0.9667	0.0378
mfeat-fou		0.8350	0.0330	0.8368	0.8167	0.1570
mfeat-kar		0.9600	0.0080	0.9608	0.9556	0.0505

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-mor		0.6700	0.0660	0.6367	0.6333	0.2060
mfeat-pix		0.8800	0.0240	0.8945	0.8667	0.0753
mfeat-zer		0.7500	0.0500	0.7552	0.7222	0.1844
mice-prot		0.2778	0.1806	0.1098	0.1613	0.2841
milk		0.4057	0.3962	0.1924	0.0000	0.3990
mines		0.5294	0.1882	0.4634	0.4106	0.3982
mobile		0.8671	0.0047	0.8749	0.8647	0.0595
monks-1		0.6182	0.3818	0.6203	0.2326	0.8914
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		0.5178	0.4822	0.3412	0.0000	0.5256
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.9015	0.0985	0.7911	0.5657	0.5139
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.8048	0.1952	0.7997	0.5993	0.6616
MUT_ci300400a_cdk_ECFP6		0.7737	0.2263	0.7673	0.5346	0.7175
MUT_ci300400a_cdk_ESTATE		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.7818	0.2182	0.7748	0.5494	0.7035
MUT_ci300400a_cdk_FCFP6		0.7734	0.2266	0.7691	0.5376	0.7156
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.7389	0.2611	0.7288	0.4563	0.7714
MUT_ci300400a_rdkit_descriptors		0.5739	0.4261	0.3646	0.0000	0.5103
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9441	0.0559	0.9444	0.8882	0.2838
NCI60		0.5000	0.1667	0.4375	0.4000	0.1756
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.8651	0.0142	0.1415	0.5687	0.1470
ncRNA10%		0.8654	0.0142	0.1810	0.5699	0.1527
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6405	0.3595	0.6374	0.2734	0.8890
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9260	0.0740	0.9086	0.8171	0.3864
NPHA-doctor-visits		0.5000	0.3333	0.3046	-0.0165	0.5418
nursery		0.6628	0.1686	0.4276	0.4962	0.1594
obesity		0.1659	0.2383	0.0406	0.0000	0.3993
obs		0.8056	0.0972	0.8393	0.7012	0.2339
occupancy		0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation		0.9872	0.0064	0.9606	0.9610	0.0603
oh0-wc		0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc		0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc		0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc		0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.9298	0.0156	0.9293	0.9129	0.0693
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9123	0.0877	0.6612	0.0194	0.2041
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6573	0.2258	0.4618
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9762	0.0095	0.9294	0.8600	0.0999
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small		0.8421	0.1579	0.8114	0.6175	0.6233
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.8531	0.1469	0.8099	0.6126	0.5758
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.5309	0.4691	0.3468	-0.1010	0.8613
pcos		0.8000	0.2000	0.4444	0.0000	0.3522
pd		0.8553	0.1447	0.7944	0.5769	0.5763
pediatric-leukemia		0.2353	0.2185	0.0544	0.0000	0.3686
pendigits		0.9727	0.0055	0.9731	0.9696	0.0444
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.7778	0.2222	0.7568	0.4000	0.4011
persistency		0.6239	0.3761	0.3842	0.0000	0.4887
personalities		0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9510	0.0490	0.9485	0.8965	0.2569
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%		0.6493	0.1002	0.6299	0.5894	0.3309
phone-acc1%		0.6679	0.0949	0.6484	0.6110	0.3230
phone-acc10%		0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr		0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%		0.6856	0.0898	0.6550	0.6315	0.2921
phone-gyr1%		0.6871	0.0894	0.6583	0.6334	0.3012
phone-gyr10%		0.1687	0.2375	0.0412	0.0000	0.3985
phoneme		0.7667	0.2333	0.7009	0.3993	0.7671
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.6974	0.3026	0.6735	0.3063	0.7532
pirvision		0.9876	0.0083	0.9772	0.9607	0.0812
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.4737	0.5263	0.3214	0.0000	0.5305
plrx		0.6667	0.3333	0.4000	-0.1020	0.8617
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9514	0.0486	0.5683	0.0325	0.3073
polish-4th		0.0704	0.9296	0.5002	0.0000	0.1494
polish-5th		0.9306	0.0694	0.4820	0.0000	0.1724
polya		0.7643	0.2357	0.7356	0.4658	0.7372
popularity		0.6603	0.2265	0.4560	0.1936	0.4850
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
postures		0.3931	0.2428	0.2826	0.2380	0.3160
pred-tox_mutagen_ref-desc		0.6912	0.3088	0.6954	0.3824	0.8104
prestige		0.4444	0.3704	0.2051	0.0000	0.3901
primary-tumor		0.1515	0.1305	0.0582	0.0714	0.3556
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.8507	0.1493	0.8308	0.6616	0.5882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio			0.8291	0.0683	0.7591	0.7694	0.2788
puc-rio10%			0.8334	0.0666	0.7616	0.7754	0.2689
pufs-128			0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%			0.4972	0.5028	0.4972	-0.0057	1.0000
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6212	0.3788	0.5927	0.1789	0.9083
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8569	0.0477	0.8233	0.8228	0.2007
satimageF			0.9844	0.0156	0.9589	0.9167	0.1403
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6765	0.3235	0.6768	0.3529	0.8487
sclerosis			0.5556	0.4444	0.3571	0.0000	0.5164
secom			0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom			0.8423	0.1577	0.8407	0.6812	0.5808
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9437	0.0161	0.9512	0.9342	0.0656
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			1.0000	1.0000	0.2405	1.0000	0.4931
sens-7-gram			0.0000	1.0000	0.0000	1.0000	0.0000
sens-8-gram			0.0000	1.0000	0.0000	1.0000	1.0000
sensorless			0.8477	0.0277	0.8484	0.8325	0.1290
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8840	0.1160	0.7396	0.4220	0.4942
shuttle			0.9634	0.0104	0.8834	0.8942	0.0861
sick			0.9602	0.0398	0.8148	0.5962	0.3249
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9189	0.0811	0.8780	0.7558	0.4664
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.1324	0.0913	0.0123	0.0000	0.3690
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9087	0.0913	0.9043	0.8058	0.3907
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer			0.7115	0.0214	0.6041	0.6950	0.1030
splice-EI			0.9558	0.0442	0.9453	0.8876	0.3038
splice-IE			0.9054	0.0946	0.8690	0.7380	0.4875
sport-articles			0.8500	0.1500	0.8366	0.6690	0.5577
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.7554	0.1631	0.7077	0.6047	0.4731
steel-b			0.8000	0.2000	0.6492	0.2744	0.7315
steel-d			0.9744	0.0256	0.7350	0.4328	0.4212
steel-k			0.9795	0.0205	0.9685	0.9371	0.1800
steel-o			0.7333	0.2667	0.6886	0.3358	0.7187
steel-p			0.9282	0.0718	0.7091	0.3829	0.5270
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9590	0.0410	0.8893	0.7772	0.4339
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.3304	0.4464	0.1656	0.0000	0.4171
streaming			0.5520	0.4480	0.3557	0.0000	0.5174
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.4462	0.2215	0.3086	0.2062	0.5320
student-workday			0.7344	0.1062	0.2580	0.2365	0.2784
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7822	0.2178	0.7822	0.5544	0.6692
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.9873	0.0023	0.9878	0.9860	0.0183
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.8824	0.0588	0.8875	0.8426	0.1448
toxicity			0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.8000	0.1000	0.8008	0.7333	0.2036
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8657	0.0299	0.8848	0.8429	0.1091
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7024	0.1488	0.6585	0.5980	0.3157
vehicleVAN			0.9524	0.0476	0.9363	0.8644	0.1545
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.5758	0.0771	0.5896	0.5333	0.2219
vowelZ			0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.8462	0.0308	0.7742	0.8267	0.0382
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.6298	0.1058	0.6193	0.5662	0.4186
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.6376	0.1036	0.6339	0.5765	0.3849
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8620	0.0920	0.8624	0.7930	0.3302
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.7926	0.1383	0.6009	0.6199	0.4977
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.1667	0.8333	0.1429	-0.6667	0.9586
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9731	0.0269	0.8382	0.6534	0.2957
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5535	0.1488	0.2549	0.2718	0.4279
winequality-white			0.5194	0.1373	0.2397	0.2221	0.4529
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.9782	0.0062	0.9809	0.9724	0.0445
wisc_bc			0.6316	0.3684	0.3871	0.0000	0.4848
yale			0.7500	0.0333	0.7318	0.7322	0.0609
yeast			0.4392	0.1246	0.1772	0.2522	0.3821
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.8753	0.0249	0.8630	0.8601	0.1570

Table 158: Detailed results for PLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1422	0.0817	0.0480	0.0517	0.4506
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9360	0.0640	0.8578	0.6718	0.1723
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8920	0.1080	0.8462	0.6804	0.4566
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7429	0.1029	0.4706	0.2567	0.2003
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8326	0.1674	0.8158	0.6315	0.6194
anneal		0.9438	0.0225	0.7520	0.8826	0.1411
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8901	0.0549	0.5839	0.7828	0.1792
anuran-genus		0.8164	0.0459	0.2978	0.6777	0.1668
anuran-species		0.8028	0.0394	0.4999	0.7137	0.1342
anxiety		0.1000	0.2000	0.0966	-0.0136	0.8287
apple-quality		0.8875	0.1125	0.8876	0.7750	0.4659
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia		0.6889	0.0479	0.3003	0.4247	0.1744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9118	0.0882	0.7706	0.4619	0.3470
audiology		0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9310	0.0690	0.9354	0.8626	0.2605
autos		0.6000	0.1333	0.3999	0.4502	0.2816
avila		0.4130	0.0978	0.1541	0.0065	0.3066
babies		0.3952	0.1728	0.1520	0.1001	0.7034
balance		0.9032	0.0645	0.6228	0.8178	0.1771
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.9217	0.0783	0.9148	0.8260	0.3435
basehock		0.7186	0.2814	0.7665	0.4388	0.4809
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9938	0.0062	0.7876	0.5236	0.2471
biodeg		0.8762	0.1238	0.8695	0.7388	0.5111
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.7407	0.7800	0.0723
bridges		0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8563	0.0718	0.4290	0.6888	0.2031
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.7746	0.0451	0.7364	0.7255	0.2158
cardiotocography-nsp		0.8967	0.0689	0.8032	0.6951	0.2822
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9975	0.0017	0.9974	0.9962	0.0099
cars		0.7250	0.1833	0.5868	0.4660	0.5609
cas_N6512_cdk_ECFP2		0.4624	0.5376	0.5948	0.0026	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.5706	0.4294	0.6153	0.0761	0.5776
cas_N6512_rdkit_AVALON		0.6528	0.3472	0.7052	0.3331	0.6582
cas_N6512_RDkit_Avalon_FP		0.6963	0.3037	0.7276	0.4094	0.6943
cas_N6512_rdkit_descriptors		0.7169	0.2831	0.7347	0.4094	0.6398
cas_N6512_rdkit_FEATMORGAN		0.5161	0.4839	0.6333	0.0953	0.5296
cas_N6512_RDkit_Featmorgan_FP		0.7163	0.2837	0.7274	0.4402	0.7572
cas_N6512_RDkit_FP		0.7331	0.2669	0.7307	0.4600	0.7743
cas_N6512_rdkit_LAYERED		0.6600	0.3400	0.7005	0.3430	0.7056
cas_N6512_RDkit_Layered_FP		0.6350	0.3650	0.6952	0.3010	0.6445
cas_N6512_rdkit_MACCS		0.5115	0.4885	0.6153	0.0861	0.5837
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.5523	0.4477	0.6182	0.0322	0.5191
cas_N6512_RDkit_morgan_FP		0.5629	0.4371	0.6274	0.0570	0.5175
cas_N6512_rdkit_PATTERN		0.7108	0.2892	0.7222	0.3986	0.6917
cas_N6512_RDkit_pattern_FP		0.6933	0.3067	0.7162	0.3567	0.6359
cas_N6512_rdkit_RDKITFP		0.6498	0.3502	0.6898	0.2579	0.5775
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.0183	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7306	0.2694	0.7439	0.4636	0.7144
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8727	0.1273	0.7037	0.2007	0.2671
ci900367j_MACCS		0.6842	0.3158	0.6572	0.2192	0.6561
circles		0.3210	0.0136	0.3177	0.3141	0.1769
cirrhosis		0.6429	0.2381	0.4235	0.2742	0.4795
cjs		0.9214	0.0262	0.9017	0.9035	0.0875
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7694	0.1153	0.4282	0.6166	0.2365
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5034	0.3311	0.4887	0.2051	0.7144
cnae-9		0.8704	0.0288	0.8804	0.8542	0.1177
codon_usage		0.5549	0.0809	0.2508	0.4382	0.2601
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.5200	0.0640	0.3864	0.4595	0.2007
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.7931	0.2069	0.7797	0.4663	0.3920
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7419	0.1720	0.6525	0.5739	0.3295
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7644	0.2356	0.7645	0.5289	0.7266
coupon		0.6262	0.3738	0.6291	0.1602	0.6801

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9986	0.0014	0.7498	0.3329	0.0074
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		1.0000	0.0000	1.0000	1.0000	0.0000
cultivars		0.4688	0.0266	0.3201	0.4522	0.0923
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1367	0.2878	0.0898	-0.0434	0.6461
cyclopentane		0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands		0.7037	0.2963	0.7303	0.3344	0.4688
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7800	0.2200	0.6015	0.0104	0.3976
defect		0.8951	0.1049	0.7816	0.5388	0.5087
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.5000	0.0000	0.6840
df_final		0.5625	0.2917	0.4290	0.3000	0.5195
DIA		0.8167	0.1833	0.7441	0.3529	0.3484
diabetes		0.9038	0.0962	0.9041	0.8024	0.4159
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.7045	0.8347	0.0910
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7607	0.1595	0.6907	0.6022	0.4935
drug-01		0.3989	0.1717	0.1483	0.0085	0.3749
drug-02		0.5160	0.1383	0.2340	0.1466	0.4719
drug-03		0.6968	0.0866	0.1494	0.0635	0.2046
drug-04		0.5213	0.1368	0.2311	0.1232	0.6567
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.4096	0.1687	0.2618	0.2580	0.6131
drug-07		0.4096	0.1687	0.1266	0.0081	0.3720
drug-08		0.5585	0.1261	0.1729	0.1325	0.4017

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.2147	0.1410	0.4788
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6064	0.1125	0.2892	0.2055	0.4551
drug-14		0.5691	0.1231	0.1960	0.2070	0.6063
drug-15		0.7553	0.0699	0.1640	0.0230	0.3337
drug-16		0.5691	0.1231	0.2581	0.1902	0.3897
drug-17		0.3191	0.1945	0.1566	0.0751	0.7108
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0053	0.2842
drybean		0.5974	0.1150	0.6714	0.4900	0.2518
ecoli		0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.2286	-0.0160	0.8282
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6636	0.3364	0.6786	0.2782	0.6797
eeg10%		0.1387	0.1077	0.0487	0.0008	0.4093
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5616	0.1753	0.4408	0.4091	0.3480
euthyroid		0.9209	0.0791	0.7275	0.3321	0.3228
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.4731	0.5269	0.3212	0.0000	0.5305
fakenews		0.4950	0.5050	0.3311	0.0000	0.5289
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.7033	0.0349	0.5183	0.6576	0.1838
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6275	0.3725	0.6190	0.2204	0.8673
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.5758	0.1414	0.5910	0.4844	0.3715
gastrointestinal		0.6875	0.2083	0.5133	0.4737	0.3707
gender		0.5579	0.2947	0.3719	0.1340	0.5306
gene		0.9369	0.0421	0.9296	0.8991	0.2030
german		0.6800	0.3200	0.6295	0.1233	0.5918
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9366	0.0634	0.9366	0.8732	0.3155
gisette		0.9571	0.0429	0.9571	0.9143	0.2375
glass		0.8095	0.0635	0.7265	0.7246	0.1432
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.4656	0.2453	0.4479
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7358	0.0755	0.3630	0.5647	0.1479
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.5204	0.0799	0.1894	0.1758	0.2494
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.9300	0.0700	0.9184	0.8367	0.3631
heart-quantum		0.9600	0.0400	0.9583	0.9167	0.2315
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6009	0.3991	0.6250	0.2215	0.8405
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1529	0.0314	0.3562
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6389	0.2407	0.4353	0.3158	0.4416
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9514	0.0486	0.8374	0.6193	0.1686
hypothyroid		0.8674	0.0663	0.4074	0.2784	0.4606
hypothyroidT		0.8090	0.1910	0.6337	0.2213	0.5768
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8254	0.0134	0.8414	0.8184	0.1253
jm1		0.8108	0.1892	0.6143	0.0592	0.4422
jvowels		0.6667	0.0741	0.6726	0.6153	0.2129
kc1		0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007		0.3815	0.1767	0.4938	0.2736	0.4232
kddcup981%		0.9053	0.0947	0.4751	-0.0491	0.6630
kddcup9810%		0.0513	0.9487	0.0488	0.0000	0.1337

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup991%		0.5877	0.0634	0.4020	0.0616	0.1688
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2089	0.0879	0.0779	0.0621	0.3827
krvskp		0.9404	0.0596	0.9403	0.8806	0.3019
la1s-wc		0.6667	0.1111	0.5801	0.5591	0.3301
la2s-wc		0.6556	0.1148	0.5675	0.5362	0.2987
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0256	0.6129	0.6901	0.0811
led24		0.6500	0.0700	0.5582	0.6011	0.1452
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.5675	0.0333	0.6261	0.5507	0.2829
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.9167	0.0111	0.9277	0.9106	0.0365
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.8235	0.1765	0.7984	0.5968	0.6488
loan		0.9578	0.0422	0.9554	0.9107	0.2477
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8491	0.0302	0.4419	0.7891	0.0969
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5231	0.4769	0.5249	0.0462	0.9584
magic04		0.6949	0.3051	0.6747	0.1652	0.4680
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8646	0.1354	0.8640	0.7277	0.5259
marketing		0.8795	0.1205	0.7251	0.2748	0.2588
maternal		0.6436	0.2376	0.6438	0.4502	0.5228
math		0.7500	0.1250	0.5642	0.5881	0.2580
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2533	0.2987	0.2463	0.0628	0.7875
messidor		0.6783	0.3217	0.6771	0.3529	0.8440
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.7938	0.6154	0.2607
meter-D		0.6667	0.1667	0.5489	0.5284	0.2968
mfeat-fac		0.9950	0.0010	0.9951	0.9944	0.0063
mfeat-fou		0.8050	0.0390	0.8035	0.7833	0.1446
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7450	0.0510	0.7461	0.7167	0.1811
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.8250	0.0350	0.8214	0.8056	0.0784
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
milk			0.9434	0.0377	0.9337	0.9131	0.1271
mines			0.4412	0.2235	0.3521	0.2917	0.4379
mobile			0.7238	0.0099	0.7307	0.7187	0.1114
monks-1			0.8727	0.1273	0.8849	0.7442	0.3522
monks-2			0.7213	0.2787	0.6707	0.2763	0.6906
monks-3			0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.8844	0.1156	0.8928	0.7667	0.3620
music			0.0806	0.1672	0.0136	0.0000	0.3712
musk			0.8561	0.1439	0.6780	0.1108	0.2881
MUT_ci300400a_cdk_ECFP2			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4			0.7317	0.2683	0.7347	0.4632	0.7609
MUT_ci300400a_cdk_ECFP6			0.6934	0.3066	0.6907	0.3127	0.6793
MUT_ci300400a_cdk_ESTATE			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED			0.6439	0.3561	0.6565	0.1714	0.5777
MUT_ci300400a_cdk_FCFP2			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6			0.7470	0.2530	0.7478	0.4912	0.7447
MUT_ci300400a_cdk_MACCS			0.6475	0.3525	0.6770	0.3237	0.7880
MUT_ci300400a_cdk_PUBCHEM			0.6335	0.3665	0.6517	0.1404	0.5462
MUT_ci300400a_cdk_STANDARD			0.6778	0.3222	0.6971	0.2572	0.5265
MUT_ci300400a_rdkit_descriptors			0.7932	0.2068	0.7869	0.5702	0.6717
myocardial			0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid			0.4988	0.5012	0.3328	0.0000	0.5285
NCI60			0.8333	0.0556	0.7895	0.8000	0.0530
nci9			0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA			0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%			0.8162	0.0193	0.1094	0.3031	0.1331
ncRNA10%			0.7777	0.0234	0.0461	0.0000	0.1370
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.0105	0.0450	0.0005	0.0000	0.4162
newspop			0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction			0.9604	0.0396	0.9230	0.8426	0.2559
nomao			0.8076	0.1924	0.7473	0.4434	0.5762
NPHA-doctor-visits			0.5139	0.3241	0.3309	0.0183	0.5343
nursery			0.6628	0.1686	0.4225	0.4961	0.1801
obesity			0.7014	0.0853	0.7207	0.6513	0.2462
obs			0.8333	0.0833	0.8653	0.7495	0.2497
occupancy			0.9621	0.0379	0.9458	0.8905	0.2314
Occupancy_Estimation			0.8806	0.0597	0.5621	0.5177	0.1606
oh0-wc			0.8119	0.0376	0.7936	0.7831	0.1573
oh10-wc			0.6857	0.0629	0.6374	0.6407	0.2429
oh15-wc			0.7065	0.0587	0.6636	0.6603	0.2132
oh5-wc			0.8242	0.0352	0.8322	0.8004	0.1501
ohscal-wc			0.1039	0.1792	0.0188	0.0000	0.4018
olive			0.9474	0.0117	0.9385	0.9343	0.0333
opn310k			0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%			0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.9342	0.0132	0.9371	0.9268	0.0834
optdigitsZ			0.9947	0.0053	0.9834	0.9662	0.0246
orl			1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9249	0.0751	0.4805	0.0000	0.1826

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.7933	0.5812	0.6353
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9122	0.0351	0.5201	0.1883	0.1678
parkinson		0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons		0.7820	0.2180	0.7867	0.5605	0.6682
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.7208	0.2792	0.6346	0.0079	0.4261
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.6277	0.1763	0.4947
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia		0.6176	0.1092	0.5566	0.5347	0.3564
pendigits		0.8499	0.0300	0.8611	0.8330	0.1540
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.7784	0.2216	0.7583	0.4952	0.6645
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.9150	0.0850	0.9027	0.8040	0.3947
phishing		0.9347	0.0653	0.9322	0.8640	0.3336
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%		0.2841	0.2046	0.2659	0.1423	0.3880
phone-acc1%		0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%		0.1773	0.2351	0.1476	0.0174	0.4120
phone-gyr1%		0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.7926	0.2074	0.7661	0.5250	0.6960
phy		0.6818	0.3182	0.6819	0.3634	0.8432
pima		0.6842	0.3158	0.6575	0.2716	0.7650
pirvision		0.8347	0.1102	0.4938	0.1616	0.1909
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.8947	0.1053	0.9045	0.7912	0.3322
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4234	0.1647	0.0850	0.0000	0.2041
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9323	0.0677	0.6695	0.0445	0.1696
polya		0.7849	0.2151	0.7613	0.5207	0.7077
popularity		0.3135	0.4577	0.1591	0.0000	0.3128
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc		0.6029	0.3971	0.6089	0.2059	0.8920
prestige		0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor		0.3333	0.1026	0.2235	0.2366	0.3157
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.6716	0.3284	0.4018	0.0000	0.4612
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate		0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.6470	0.1412	0.5809	0.5049	0.3008
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4950	0.5050	0.4946	-0.0096	0.9651
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.7533	0.0379	0.5798	0.6564	0.1808
re1-wc			0.6807	0.0255	0.3454	0.6223	0.1863
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6081	0.3919	0.5740	0.0607	0.6751
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.7403	0.0866	0.5731	0.6688	0.2007
satimageF			0.9705	0.0295	0.9202	0.8271	0.0968
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9177	0.0235	0.9265	0.9038	0.0873
segmentation			0.8465	0.1535	0.8388	0.6746	0.5815
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8632	0.1368	0.4633	-0.0102	0.4508
sens-2-gram			0.8684	0.1316	0.6184	0.1710	0.5974
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8467	0.1533	0.6509	0.0089	0.2982
shuttle			0.8564	0.0410	0.5466	0.4594	0.2104
sick			0.8966	0.1034	0.6694	0.3271	0.6348
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7925	0.2075	0.5912	0.1093	0.6457
smarket			0.8720	0.1280	0.8811	0.7425	0.4051
smart-farming			0.2000	0.4000	0.1717	-0.0787	0.8270
smk_can_187			0.6842	0.3158	0.6960	0.3523	0.7434
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2000	0.3200	0.2660	-0.0057	0.6799
solar-flare			0.7626	0.0791	0.6088	0.6947	0.1783
sonar			0.6000	0.4000	0.6094	0.2000	0.8750
soybean			0.9559	0.0046	0.9202	0.9515	0.0186
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9087	0.0913	0.9055	0.8105	0.4172
spect			0.7778	0.2222	0.4375	0.0000	0.3750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectf			0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer			0.4615	0.0399	0.3762	0.4234	0.1812
splice-EI			0.9716	0.0284	0.9626	0.9251	0.2138
splice-IE			0.9243	0.0757	0.8943	0.7885	0.4185
sport-articles			0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.6127	0.2582	0.5481	0.2843	0.4914
steel-b			0.8564	0.1436	0.7730	0.5431	0.6314
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8051	0.1949	0.7792	0.5526	0.6617
steel-p			0.9128	0.0872	0.5721	0.0815	0.5290
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8681	0.1319	0.7467	0.4016	0.4178
stockb			0.9648	0.0235	0.9651	0.9471	0.0883
streaming			0.9060	0.0940	0.9049	0.8097	0.4159
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3900	0.2440	0.2349	0.0363	0.5112
student-weekend			0.4462	0.2215	0.3501	0.1997	0.5034
student-workday			0.7188	0.1125	0.2655	0.0777	0.2017
studentap			0.3846	0.4103	0.1961	0.0000	0.4440
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.6852	0.3148	0.7063	0.3357	0.6484
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5755	0.3000	0.5012
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.8091	0.0347	0.8368	0.7898	0.1614
theorem			0.9935	0.0065	0.9933	0.9865	0.0418
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7910	0.2090	0.6843	0.2340	0.4975
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7600	0.2400	0.5835	0.1036	0.6895
trec11-wc			0.8049	0.0434	0.6162	0.7550	0.1355
trec12-wc			0.8387	0.0403	0.8614	0.8010	0.1006
trec21-wc			0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc			0.7143	0.0952	0.5502	0.5685	0.2587
trec31-wc			0.7849	0.0717	0.6722	0.6966	0.2106
trec41-wc			0.7159	0.0568	0.5454	0.6461	0.2011
trec45-wc			0.7391	0.0522	0.6452	0.6923	0.1716
tuandromd			0.9664	0.0336	0.9513	0.9002	0.2880

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
turkish			0.8500	0.0750	0.8484	0.8000	0.1834
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%			0.8018	0.1981	0.7878	0.5318	0.5436
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8060	0.0431	0.8256	0.7719	0.1308
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.8095	0.0952	0.7673	0.7410	0.2276
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6061	0.0716	0.6569	0.5667	0.1817
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7885	0.0212	0.5019	0.7629	0.1262
warpar10p			0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.2804	0.2056	0.1210	0.1366	0.4238
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.3172	0.1951	0.2840	0.1935	0.4787
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2567	0.3717	0.2528	0.0095	0.8530
waveform			0.8280	0.1147	0.8282	0.7419	0.3881
weather-related			0.3577	0.1168	0.1354	0.2137	0.3108
web-phishing			0.8444	0.1037	0.6797	0.7106	0.3573
Weekly			0.9537	0.0463	0.9533	0.9064	0.2542
weight-lift			0.2948	0.2821	0.3217	0.0167	0.3994
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6101	0.1300	0.2886	0.3574	0.3674
winequality-white			0.5215	0.1367	0.2193	0.2638	0.4164
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.8101	0.0543	0.6165	0.7530	0.1177
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5135	0.0973	0.3252	0.3699	0.4104
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.3946	0.1211	0.4559	0.2977	0.3333

Table 159: Detailed results for PLSVC(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1566	0.0803	0.0939	0.0582	0.4819
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9360	0.0640	0.8578	0.6718	0.1723
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8920	0.1080	0.8462	0.6804	0.4566
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7048	0.1181	0.2602	0.0466	0.2157
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8326	0.1674	0.8158	0.6315	0.6194
anneal		0.9213	0.0315	0.7196	0.8332	0.1542
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9402	0.0299	0.7070	0.8842	0.1408
anuran-genus		0.9221	0.0195	0.6953	0.8663	0.0980
anuran-species		0.8792	0.0242	0.9203	0.8405	0.0983
anxiety		0.1000	0.2000	0.1211	-0.0149	0.7902
apple-quality		0.8875	0.1125	0.8876	0.7750	0.4659
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7500	0.2500	0.7667	0.5098	0.6824

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.6444	0.0547	0.2650	0.3023	0.1925
auction		0.9118	0.0882	0.7706	0.4619	0.3470
audiology		0.9091	0.0165	0.8707	0.8919	0.0425
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9310	0.0690	0.9354	0.8626	0.2605
autos		0.6000	0.1333	0.3857	0.4366	0.2491
avila		0.4145	0.0976	0.1773	0.0098	0.3057
babies		0.4597	0.1544	0.1521	0.1477	0.4673
balance		0.8871	0.0753	0.6113	0.7879	0.2115
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.9217	0.0783	0.9148	0.8260	0.3435
basehock		0.7186	0.2814	0.7665	0.4388	0.4809
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9938	0.0062	0.7876	0.5236	0.2471
biodeg		0.8762	0.1238	0.8695	0.7388	0.5111
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.7000	0.0857	0.3640	0.5161	0.1378
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8391	0.0805	0.4272	0.6652	0.2166
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.7840	0.0432	0.6480	0.7368	0.1981
cardiotocography-nsp		0.8967	0.0689	0.8094	0.6865	0.2602
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.6896	0.5914	0.4872
cas_N6512_cdk_ECFP2		0.4624	0.5376	0.5948	0.0026	0.5307
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5706	0.4294	0.6153	0.0761	0.5776
cas_N6512_rdkit_AVALON		0.6528	0.3472	0.7052	0.3331	0.6582
cas_N6512_RDkit_Avalon_FP		0.6963	0.3037	0.7276	0.4094	0.6943
cas_N6512_rdkit_descriptors		0.7169	0.2831	0.7347	0.4094	0.6398
cas_N6512_rdkit_FEATMORGAN		0.5161	0.4839	0.6333	0.0953	0.5296
cas_N6512_RDkit_Featmorgan_FP		0.7163	0.2837	0.7274	0.4402	0.7572
cas_N6512_RDkit_FP		0.7331	0.2669	0.7307	0.4600	0.7743
cas_N6512_rdkit_LAYERED		0.6600	0.3400	0.7005	0.3430	0.7056
cas_N6512_RDkit_Layered_FP		0.6350	0.3650	0.6952	0.3010	0.6445
cas_N6512_rdkit_MACCS		0.5115	0.4885	0.6153	0.0861	0.5837

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5523	0.4477	0.6182	0.0322	0.5191
cas_N6512_RDkit_morgan_FP		0.5629	0.4371	0.6274	0.0570	0.5175
cas_N6512_rdkit_PATTERN		0.7108	0.2892	0.7222	0.3986	0.6917
cas_N6512_RDkit_pattern_FP		0.6933	0.3067	0.7162	0.3567	0.6359
cas_N6512_rdkit_RDKITFP		0.6498	0.3502	0.6898	0.2579	0.5775
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7306	0.2694	0.7439	0.4636	0.7144
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8727	0.1273	0.7037	0.2007	0.2671
ci900367j_MACCS		0.6842	0.3158	0.6572	0.2192	0.6561
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6667	0.2222	0.4397	0.3163	0.4597
cjs		0.9786	0.0071	0.9754	0.9739	0.0426
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7833	0.1083	0.5638	0.6660	0.2968
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5170	0.3220	0.4852	0.2303	0.7261
cnae-9		0.7685	0.0514	0.8043	0.7396	0.1940
codon_usage		0.9171	0.0151	0.7561	0.8990	0.1217
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.5800	0.0560	0.3730	0.5270	0.1699
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.7931	0.2069	0.7797	0.4663	0.3920
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7644	0.2356	0.7645	0.5289	0.7266

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
coupon		0.6262	0.3738	0.6291	0.1602	0.6801
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9986	0.0014	0.7498	0.3329	0.0074
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		1.0000	0.0000	1.0000	1.0000	0.0000
cultivars		0.2812	0.0359	0.1859	0.2618	0.1144
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1933	0.2689	0.1948	0.0249	0.7904
cyclopentane		0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands		0.7037	0.2963	0.7303	0.3344	0.4688
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7800	0.2200	0.6015	0.0104	0.3976
defect		0.8951	0.1049	0.7816	0.5388	0.5087
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.5000	0.0000	0.6840
df_final		0.6250	0.2500	0.4805	0.4000	0.4520
DIA		0.8167	0.1833	0.7441	0.3529	0.3484
diabetes		0.9038	0.0962	0.9041	0.8024	0.4159
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7698	0.1535	0.6912	0.6100	0.4531
drug-01		0.3936	0.1733	0.1221	0.0113	0.3857
drug-02		0.5053	0.1413	0.1254	0.0171	0.4072
drug-03		0.6915	0.0881	0.1172	0.0096	0.1975
drug-04		0.5266	0.1353	0.1402	0.0711	0.4165
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.4202	0.1657	0.2609	0.2563	0.4684
drug-07		0.4521	0.1565	0.1395	0.0698	0.3559

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-08		0.5904	0.1170	0.2179	0.1608	0.2826
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5372	0.1322	0.1475	0.0968	0.3875
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5904	0.1170	0.1600	0.1943	0.3997
drug-14		0.5904	0.1170	0.2421	0.2228	0.4081
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5745	0.1216	0.2563	0.2626	0.4195
drug-17		0.3670	0.1809	0.1329	0.1140	0.4586
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0053	0.2842
drybean		0.9008	0.0283	0.9188	0.8793	0.1317
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.1900	0.4050	0.1862	-0.0803	0.8900
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.6636	0.3364	0.6781	0.2784	0.6825
eeg10%		0.3976	0.0753	0.3733	0.3256	0.5094
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6164	0.1534	0.5937	0.4966	0.3921
euthyroid		0.9209	0.0791	0.7275	0.3321	0.3228
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.4731	0.5269	0.3212	0.0000	0.5305
fakenews		0.4950	0.5050	0.3311	0.0000	0.5289
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.5691	0.0507	0.2911	0.4824	0.2267
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6275	0.3725	0.6190	0.2204	0.8673
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.9180	0.0273	0.9218	0.9012	0.1353
gastrointestinal		0.7500	0.1667	0.7526	0.5844	0.3057
gender		0.5747	0.2835	0.2708	-0.0240	0.4144
gene		0.9274	0.0484	0.9214	0.8847	0.2177
german		0.6800	0.3200	0.6295	0.1233	0.5918
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.9366	0.0634	0.9366	0.8732	0.3155
gisette		0.9571	0.0429	0.9571	0.9143	0.2375
glass		0.7619	0.0794	0.5540	0.6477	0.1753
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.2651	0.0683	0.5039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.9543	0.0076	0.8818	0.9460	0.0435
har		0.8206	0.0718	0.8212	0.7726	0.2988
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.7677	0.0664	0.3921	0.6219	0.1395
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth		0.4492	0.0918	0.0517	0.0000	0.2692
harth1%		0.5221	0.0797	0.1922	0.1793	0.2501
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.9300	0.0700	0.9184	0.8367	0.3631
heart-quantum		0.9600	0.0400	0.9583	0.9167	0.2315
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6009	0.3991	0.6250	0.2215	0.8405
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.0577	0.0191	0.3180
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.4162	0.2455	0.4626
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.5717	0.2855	0.5951	0.3649	0.5922
htru2		0.9514	0.0486	0.8374	0.6193	0.1686
hypothyroid		0.8939	0.0530	0.4307	0.2559	0.2852
hypothyroidT		0.8090	0.1910	0.6337	0.2213	0.5768
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9525	0.0037	0.9534	0.9506	0.0447
jm1		0.8108	0.1892	0.6143	0.0592	0.4422
jvowels		0.9910	0.0020	0.9904	0.9898	0.0169
kc1		0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007		0.1446	0.2444	0.0361	0.0000	0.4030
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup981%		0.6526	0.3474	0.5734	0.0684	0.3459
kddcup9810%		0.8503	0.1497	0.4973	-0.0047	0.5396
kddcup991%		0.5877	0.0634	0.4020	0.0616	0.1688
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.4841	0.0573	0.3845	0.4206	0.4272
krvskp		0.9404	0.0596	0.9403	0.8806	0.3019
la1s-wc		0.5714	0.1429	0.5178	0.4539	0.4273
la2s-wc		0.5894	0.1369	0.5125	0.4400	0.3348
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6471	0.0307	0.6399	0.6301	0.0839
led24		0.6500	0.0700	0.6432	0.6089	0.1646
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.9465	0.0041	0.9467	0.9443	0.0584
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8333	0.0222	0.8250	0.8207	0.0757
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.8235	0.1765	0.7984	0.5968	0.6488
loan		0.9578	0.0422	0.9554	0.9107	0.2477
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.4424	0.1014	0.2070	0.2325	0.3748
lrs		0.8679	0.0264	0.4478	0.8162	0.0771
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5231	0.4769	0.5249	0.0462	0.9584
magic04		0.6949	0.3051	0.6747	0.1652	0.4680
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8646	0.1354	0.8640	0.7277	0.5259
marketing		0.8795	0.1205	0.7251	0.2748	0.2588
maternal		0.6337	0.2442	0.6335	0.4360	0.5475
math		0.7500	0.1250	0.5901	0.5935	0.2679
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2267	0.3093	0.2258	0.0302	0.8266
messidor		0.6783	0.3217	0.6771	0.3529	0.8440
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.7541	0.4684	0.2448
meter-D		0.6111	0.1944	0.4983	0.4350	0.3043
mfeat-fac		0.9950	0.0010	0.9951	0.9944	0.0063
mfeat-fou		0.8250	0.0350	0.8280	0.8056	0.1343
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7300	0.0540	0.7321	0.7000	0.1877
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-zer		0.8300	0.0340	0.8317	0.8111	0.0833
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9340	0.0440	0.9259	0.8987	0.1587
mines		0.5000	0.2000	0.4451	0.3745	0.3873
mobile		0.8741	0.0045	0.8810	0.8718	0.0580
monks-1		0.8727	0.1273	0.8849	0.7442	0.3522
monks-2		0.7213	0.2787	0.6707	0.2763	0.6906
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.8844	0.1156	0.8928	0.7667	0.3620
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.8561	0.1439	0.6780	0.1108	0.2881
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.7317	0.2683	0.7347	0.4632	0.7609
MUT_ci300400a_cdk_ECFP6		0.6934	0.3066	0.6907	0.3127	0.6793
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.6439	0.3561	0.6565	0.1714	0.5777
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.7470	0.2530	0.7478	0.4912	0.7447
MUT_ci300400a_cdk_MACCS		0.6475	0.3525	0.6770	0.3237	0.7880
MUT_ci300400a_cdk_PUBCHEM		0.6335	0.3665	0.6517	0.1404	0.5462
MUT_ci300400a_cdk_STANDARD		0.6778	0.3222	0.6971	0.2572	0.5265
MUT_ci300400a_rdkit_descriptors		0.7932	0.2068	0.7869	0.5702	0.6717
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8162	0.0193	0.1324	0.2748	0.1761
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		0.9604	0.0396	0.9230	0.8426	0.2559
nomao		0.8076	0.1924	0.7473	0.4434	0.5762
NPHA-doctor-visits		0.5000	0.3333	0.3046	-0.0165	0.5418
nursery		0.8295	0.0853	0.6319	0.7470	0.1986
obesity		0.8957	0.0298	0.8941	0.8783	0.1302
obs		0.8426	0.0787	0.8748	0.7606	0.2102
occupancy		0.9621	0.0379	0.9458	0.8905	0.2314
Occupancy_Estimation		0.8865	0.0568	0.5880	0.5416	0.1530
oh0-wc		0.3564	0.1287	0.2450	0.2133	0.3392
oh10-wc		0.3905	0.1219	0.2662	0.2764	0.3464
oh15-wc		0.3370	0.1326	0.1034	0.1974	0.3263
oh5-wc		0.3297	0.1341	0.2242	0.2022	0.3410
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9804	0.0039	0.9824	0.9782	0.0256
optdigitsZ		0.9947	0.0053	0.9834	0.9662	0.0246
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.7933	0.5812	0.6353
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9122	0.0351	0.5142	0.2001	0.1669
parkinson		0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons		0.7820	0.2180	0.7867	0.5605	0.6682
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.7208	0.2792	0.6346	0.0079	0.4261
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.6277	0.1763	0.4947
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia		0.6176	0.1092	0.5506	0.5268	0.3455
pendigits		0.9909	0.0018	0.9910	0.9899	0.0174
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.7784	0.2216	0.7583	0.4952	0.6645
personalities		0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption		0.9150	0.0850	0.9027	0.8040	0.3947
phishing		0.9347	0.0653	0.9322	0.8640	0.3336
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%		0.7029	0.0849	0.7118	0.6521	0.2382
phone-acc1%		0.4899	0.1457	0.4950	0.3952	0.3696
phone-acc10%		0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%		0.7272	0.0779	0.7287	0.6812	0.2711
phone-gyr1%		0.4566	0.1553	0.4984	0.3539	0.3661
phone-gyr10%		0.1687	0.2375	0.0412	0.0000	0.3985
phoneme		0.7926	0.2074	0.7661	0.5250	0.6960
phy		0.6818	0.3182	0.6819	0.3634	0.8432
pima		0.6842	0.3158	0.6575	0.2716	0.7650
pirvision		0.8347	0.1102	0.4938	0.1616	0.1909
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.8947	0.1053	0.9045	0.7912	0.3322
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4185	0.1661	0.1201	-0.0105	0.2339
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th		0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th		0.9306	0.0694	0.5966	0.0403	0.2959
polya		0.7849	0.2151	0.7613	0.5207	0.7077
popularity		0.6313	0.2458	0.2580	0.0000	0.2921
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc		0.6029	0.3971	0.6089	0.2059	0.8920
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.3939	0.0932	0.2661	0.3245	0.2698
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.6716	0.3284	0.4018	0.0000	0.4612
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate		0.6429	0.3571	0.6269	0.2222	0.8255

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.7858	0.0857	0.6991	0.7030	0.2224
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4950	0.5050	0.4946	-0.0096	0.9651
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.5533	0.0687	0.1984	0.3029	0.2740
re1-wc			0.3554	0.0516	0.0745	0.1807	0.3195
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6081	0.3919	0.5740	0.0607	0.6751
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8880	0.0373	0.8719	0.8614	0.1668
satimageF			0.9705	0.0295	0.9202	0.8271	0.0968
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.5714	0.1714	0.4346	0.4474	0.2170
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9264	0.0210	0.9346	0.9139	0.0795
segmentation			0.8465	0.1535	0.8388	0.6746	0.5815
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8632	0.1368	0.4633	-0.0102	0.4508
sens-2-gram			0.8684	0.1316	0.6184	0.1710	0.5974
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8467	0.1533	0.6509	0.0089	0.2982
shuttle			0.8452	0.0442	0.5064	0.4148	0.2194
sick			0.8966	0.1034	0.6694	0.3271	0.6348
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7925	0.2075	0.5912	0.1093	0.6457
smarket			0.8720	0.1280	0.8811	0.7425	0.4051
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.6842	0.3158	0.6960	0.3523	0.7434
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2100	0.3160	0.2113	0.0106	0.8421
solar-flare			0.7410	0.0863	0.5739	0.6662	0.1902
sonar			0.6000	0.4000	0.6094	0.2000	0.8750
soybean			0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9087	0.0913	0.9055	0.8105	0.4172

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer			0.6538	0.0256	0.5032	0.6319	0.1182
splice-EI			0.9716	0.0284	0.9626	0.9251	0.2138
splice-IE			0.9243	0.0757	0.8943	0.7885	0.4185
sport-articles			0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.6279	0.2481	0.5793	0.3271	0.4798
steel-b			0.8564	0.1436	0.7730	0.5431	0.6314
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8000	0.2000	0.7736	0.5425	0.6751
steel-p			0.9179	0.0821	0.6063	0.0946	0.4184
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8681	0.1319	0.7467	0.4016	0.4178
stockb			0.9912	0.0059	0.9913	0.9868	0.0273
streaming			0.9060	0.0940	0.9049	0.8097	0.4159
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4700	0.2120	0.2160	0.1566	0.4410
student-weekend			0.4000	0.2400	0.1769	0.0687	0.4209
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.3544	0.1250	0.4353
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.6852	0.3148	0.7063	0.3357	0.6484
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.9909	0.0017	0.9915	0.9900	0.0143
theorem			0.9935	0.0065	0.9933	0.9865	0.0418
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7910	0.2090	0.6843	0.2340	0.4975
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7600	0.2400	0.5835	0.1036	0.6895
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.4516	0.1828	0.2615	0.1611	0.3844
trec41-wc			0.5114	0.0977	0.1853	0.3686	0.2927
trec45-wc			0.3043	0.1391	0.2065	0.1444	0.3741

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tuandromd			0.9664	0.0336	0.9513	0.9002	0.2880
turkish			0.8500	0.0750	0.8521	0.8000	0.1546
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%			0.8018	0.1981	0.7878	0.5318	0.5436
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7910	0.0464	0.8119	0.7544	0.1627
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7976	0.1012	0.7572	0.7257	0.2054
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6364	0.0661	0.6732	0.6000	0.1895
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.4551	0.0545	0.2604	0.3661	0.2479
warpar10p			0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.6120	0.1109	0.5952	0.5452	0.4366
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.5459	0.1298	0.5395	0.4707	0.4691
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2667	0.3667	0.2567	0.0240	0.8245
waveform			0.8320	0.1120	0.8326	0.7481	0.3792
weather-related			0.9385	0.0112	0.9479	0.9300	0.0610
web-phishing			0.8296	0.1136	0.6685	0.6820	0.3778
Weekly			0.9537	0.0463	0.9533	0.9064	0.2542
weight-lift			0.3243	0.2703	0.3625	0.0623	0.4010
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6101	0.1300	0.2933	0.3556	0.3711
winequality-white			0.5297	0.1344	0.2663	0.2986	0.4306
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.9307	0.0198	0.7981	0.9115	0.0840
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.7500	0.0333	0.7496	0.7322	0.0687
yeast			0.5541	0.0892	0.3680	0.4224	0.3552
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9667	0.0067	0.9637	0.9627	0.0559

Table 160: Detailed results for PMBSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1590	0.0801	0.1157	0.0795	0.6544
abalone19		0.9713	0.0287	0.4927	-0.0109	0.3408
abalone9-18		0.8493	0.1507	0.4593	-0.0750	0.5654
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.9634	0.0366	0.9241	0.8483	0.3266
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.7778	0.2222	0.5065	0.0118	0.6352
AID_1431_KlekotaRothFingerprinter		0.7698	0.2302	0.4350	-0.1215	0.6412
AID_1431_MACCSFingerprinter		0.5635	0.4365	0.5870	0.0913	0.4271
AID_1878		0.6857	0.3143	0.5711	0.1348	0.7832
AID_602330		0.8490	0.1510	0.5415	0.0620	0.4634
AID_652128		0.6970	0.2020	0.3466	0.0000	0.5873
AID1284Morered		0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red		0.6667	0.3333	0.4762	-0.0435	0.7274
AID1608Morered		0.8544	0.1456	0.5211	0.0410	0.6438
AID1608red		0.8544	0.1456	0.5810	0.1421	0.5751
AID362red		0.9813	0.0187	0.5988	0.1909	0.5648
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.4286	0.5714	0.6316	0.1250	0.3900
AID439red		0.7143	0.2857	0.7407	0.3636	0.5000
AID456red		0.9890	0.0110	0.4972	-0.0044	0.3483
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.8000	0.2000	0.7619	0.5238	0.7028
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.5556	0.4444	0.6897	0.2500	0.5000
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7512	0.2488	0.6872	0.3708	0.7761
air_pollution		0.2300	0.2200	0.1388	0.0039	0.9163
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8095	0.0762	0.6621	0.6312	0.4417
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6465	0.3535	0.6723	0.3163	0.7874
anneal		0.9775	0.0090	0.9714	0.9510	0.0249
antivirus		0.9459	0.0541	0.9119	0.8238	0.3704
anuran-f-b		0.9889	0.0111	0.8314	0.5953	0.5288
anuran-family		0.9819	0.0090	0.9050	0.9659	0.1898
anuran-genus		0.9722	0.0070	0.9098	0.9545	0.1182
anuran-species		0.9819	0.0036	0.9472	0.9749	0.0446
anxiety		0.1583	0.1870	0.1634	0.0527	0.7669
apple-quality		0.8625	0.1375	0.8625	0.7250	0.5308
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.2444	0.1162	0.1257	0.0744	0.5011
auction		0.9020	0.0980	0.7588	0.5110	0.5857

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.5000	0.0909	0.1839	0.3665	0.2401
audit-risk		0.9359	0.0641	0.9334	0.8639	0.2894
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.8621	0.1379	0.8776	0.7264	0.3750
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.0005	0.1666	0.0001	0.0000	0.3409
babies		0.2742	0.2074	0.1740	0.0209	0.7457
balance		0.6935	0.2043	0.5954	0.5176	0.4343
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria		0.7028	0.2972	0.7104	0.4048	0.7714
basehock		0.8241	0.1759	0.8254	0.6481	0.6075
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.7810	0.2190	0.7955	0.5668	0.6329
biomed		0.7619	0.2381	0.7548	0.5070	0.7331
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.5714	0.4286	0.4750	-0.0500	0.9412
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.1818	0.2727	0.2353	0.0294	0.4347
bridges		0.0000	0.2857	0.0000	-0.3333	0.5715
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.3000	0.7000	0.2308	0.0000	0.4809
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9483	0.0259	0.8703	0.8908	0.1873
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.7681	0.2319	0.7603	0.5196	0.7249
cardiotocography		0.6197	0.0761	0.5983	0.5481	0.4836
cardiotocography-nsp		0.8685	0.0876	0.7404	0.6082	0.3392
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.4340	0.3773	0.3514	0.1607	0.5937
cars		0.7500	0.1667	0.6732	0.5439	0.5372
cas_N6512_cdk_ECFP2		0.7650	0.2350	0.7631	0.5260	0.7270
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.6764	0.3236	0.6728	0.3435	0.8482
cas_N6512_rdkit_AVALON		0.7558	0.2442	0.7539	0.5077	0.7421
cas_N6512_RDkit_Avalon_FP		0.7546	0.2454	0.7539	0.5075	0.7430
cas_N6512_rdkit_descriptors		0.7431	0.2569	0.7412	0.4822	0.7618
cas_N6512_rdkit_FEATMORGAN		0.7788	0.2212	0.7783	0.5562	0.7027
cas_N6512_RDkit_Featmorgan_FP		0.7991	0.2009	0.7978	0.5957	0.6675
cas_N6512_RDkit_FP		0.7025	0.2975	0.7001	0.4000	0.8190
cas_N6512_rdkit_LAYERED		0.6908	0.3092	0.6889	0.3777	0.8339
cas_N6512_RDkit_Layered_FP		0.6948	0.3052	0.6919	0.3832	0.8282
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.7723	0.2277	0.7708	0.5415	0.7151
cas_N6512_RDkit_morgan_FP		0.8006	0.1994	0.7992	0.5983	0.6643

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7400	0.2600	0.7386	0.4773	0.7663
cas_N6512_RDkit_pattern_FP		0.7469	0.2531	0.7456	0.4912	0.7558
cas_N6512_rdkit_RDKITFP		0.7020	0.2980	0.6991	0.3967	0.8171
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7668	0.2332	0.7492	0.4975	0.7376
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.8837	0.1163	0.5521	0.1042	0.6825
cervical-C		0.8953	0.1047	0.4724	-0.0545	0.6742
cervical-H		0.9186	0.0814	0.7387	0.4245	0.5608
cervical-S		0.8837	0.1163	0.6921	0.3804	0.6651
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9947	0.0053	0.6372	0.1802	0.3376
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8390	0.1610	0.7329	0.4532	0.6755
ci900367j_MACCS		0.6421	0.3579	0.6329	0.2636	0.8785
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.6429	0.2381	0.4240	0.2792	0.5571
cjs		0.9893	0.0036	0.9852	0.9869	0.0200
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.8000	0.2000	0.4444	-0.1111	0.7317
cmc		0.4490	0.3673	0.4312	0.1530	0.7758
cnae-9		0.8889	0.0247	0.8927	0.8750	0.1186
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.8052	0.1948	0.7748	0.5429	0.6816
collins		0.4600	0.0720	0.3678	0.4034	0.2919
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6207	0.3793	0.6107	0.2162	0.8800
colposcopies-2		0.5517	0.4483	0.5323	0.0645	0.9585
colposcopies-3		0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4		0.2759	0.7241	0.2162	0.0000	0.4638
colposcopies-5		0.1724	0.8276	0.1471	0.0000	0.3547
colposcopies-6		0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c		0.2414	0.7586	0.1944	0.0000	0.4342
column-2c		0.7742	0.2258	0.7354	0.4694	0.7392
column-3c		0.7419	0.1720	0.7252	0.5887	0.4784
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.5625	0.4375	0.5624	0.1248	0.9593
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.6667	0.3333	0.6750	0.3415	0.8344
cultivars		0.4062	0.0297	0.2904	0.3902	0.1138
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.1769	0.0119	0.8760
cyclopentane		0.7037	0.2963	0.6998	0.3793	0.7738
cylinder-bands		0.7963	0.2037	0.7931	0.5858	0.6749
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.6154	0.3846	0.6717	0.1772	0.3467
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.1605	0.8395	0.1383	0.0000	0.3379
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.7273	0.2727	0.5351	0.0700	0.8110
dermatology		0.1892	0.2703	0.0530	0.0000	0.3795
desharnais		0.3750	0.4167	0.2727	-0.1111	0.5095
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.6167	0.3833	0.6355	0.2333	0.7508
diabetes		0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5882	0.2745	0.5319	0.2822	0.6769
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.8000	0.1000	0.7898	0.7258	0.3111
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9391	0.0609	0.7972	0.5584	0.3855
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.5734	0.2844	0.5041	0.3046	0.7104
drug-01		0.2606	0.2112	0.1660	0.0440	0.7984
drug-02		0.2872	0.2036	0.1760	0.0269	0.8728
drug-03		0.4202	0.1657	0.1689	0.0880	0.6630
drug-04		0.3723	0.1793	0.2268	0.1327	0.8250
drug-05		0.4574	0.1550	0.1403	0.0052	0.8079
drug-06		0.3032	0.1991	0.2627	0.1706	0.7237
drug-07		0.2606	0.2112	0.1223	-0.0285	0.7459
drug-08		0.3138	0.1960	0.1715	0.0897	0.8254
drug-09		0.5266	0.1353	0.1633	0.0586	0.5560
drug-10		0.3511	0.1854	0.1560	0.0618	0.7912
drug-11		0.5426	0.1307	0.1664	0.0313	0.6381
drug-12		0.4681	0.1520	0.1650	0.0478	0.6857
drug-13		0.3351	0.1900	0.1441	0.0571	0.8388
drug-14		0.3617	0.1824	0.1944	0.0992	0.8404
drug-15		0.5532	0.1277	0.1681	0.0847	0.8884
drug-16		0.3670	0.1809	0.2356	0.1404	0.7995
drug-17		0.1968	0.2295	0.1467	0.0156	0.8691

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-18		0.0053	0.9947	0.0053	0.0000	0.0152
drug-19		0.5319	0.1337	0.1758	0.0732	0.7852
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.5000	0.1667	0.3695	0.3356	0.4870
ecoliCP-IM		0.9545	0.0455	0.9519	0.8991	0.1675
ecoliM		0.7273	0.2727	0.6128	0.2245	0.8370
ecoliMU		0.7576	0.2424	0.6474	0.2281	0.5602
ecoliOM		0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce		0.1900	0.4050	0.1887	-0.0801	0.8985
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.8885	0.1115	0.8874	0.7734	0.4578
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4521	0.2192	0.4631	0.3019	0.5585
euthyroid		0.9557	0.0443	0.8714	0.7422	0.4183
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.4750	0.5250	0.4753	-0.0491	1.0000
farm-ads		0.8986	0.1014	0.8982	0.7955	0.4308
fbis-wc		0.6301	0.0435	0.5864	0.5835	0.4151
fertility		0.5000	0.5000	0.6454	0.1379	0.3467
finance		0.7843	0.2157	0.7838	0.5558	0.6604
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.7500	0.0833	0.6516	0.6768	0.1653
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.7885	0.1058	0.8000	0.7061	0.2612
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5453	0.3032	0.3882	0.1273	0.7506
gene		0.2524	0.4984	0.1343	0.0000	0.4017
german		0.5800	0.4200	0.5261	0.0519	0.9536
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.4286	0.1905	0.4381	0.1923	0.4406
glass-g2		0.6875	0.3125	0.6567	0.3103	0.8482
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.6667	0.3333	0.6387	0.2759	0.8607
glassContainers		0.0909	0.9091	0.0833	0.0000	0.2192
glassNW		0.2381	0.7619	0.1923	0.0000	0.4310
glassTableware		0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP		0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM		0.6316	0.3684	0.6438	0.2732	0.8562
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.8214	0.1786	0.8150	0.6250	0.6113
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.5333	0.2333	0.5909	0.3558	0.4598
gsalc		0.6667	0.1111	0.5542	0.5909	0.1325
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.5000	0.3333	0.3720	0.1634	0.5734

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.1100	0.4450	0.0801	-0.0004	0.4049
heart		0.6296	0.3704	0.6285	0.2541	0.8876
heart-attack		0.6452	0.3548	0.6610	0.3055	0.8342
heart-c		0.7333	0.2667	0.7364	0.4545	0.7296
heart-failure		0.9640	0.0360	0.9584	0.9167	0.2327
heart-quantum		0.6600	0.3400	0.6489	0.2975	0.8711
hepatitis		0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs		0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs		0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.6250	0.3750	0.6335	0.2587	0.8788
hiv1-proteasa		0.8904	0.1096	0.8009	0.6012	0.5826
hiva		0.9362	0.0638	0.5997	0.1960	0.6004
horse		0.5833	0.2778	0.4475	0.3121	0.5612
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.7088	0.2912	0.5155	0.0291	0.7374
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9782	0.0218	0.9318	0.8611	0.2113
hypothyroid		0.8302	0.0849	0.4071	0.3319	0.5927
hypothyroidT		0.9416	0.0584	0.8275	0.6452	0.5510
ilpd		0.6271	0.3729	0.5455	0.0910	0.9108
immuno-therapy		0.2222	0.7778	0.1818	0.0000	0.4150
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.9920	0.0018	0.9916	0.9909	0.0155
kc1		0.8436	0.1564	0.6626	0.3142	0.7078
kc1-class-level-defectiveornot		0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect		0.3077	0.2769	0.2391	0.0565	0.4394
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.7115	0.2885	0.5202	0.0394	0.8681
kdc-4007		0.8304	0.0485	0.8317	0.8021	0.2683
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.9718	0.0282	0.9719	0.9434	0.1639
la1s-wc		0.7905	0.0698	0.7678	0.7335	0.3142
la2s-wc		0.7285	0.0905	0.7242	0.6630	0.4093
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.5000	0.0435	0.4713	0.4745	0.1527
led24		0.5500	0.0900	0.5623	0.4944	0.2061
lenses		0.3333	0.4444	0.1667	0.0000	0.4167

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8333	0.0222	0.8389	0.8213	0.0649
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6176	0.3824	0.5735	0.1467	0.9099
loan		0.7916	0.2084	0.7745	0.5469	0.6895
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.2264	0.2210	0.1844	0.0634	0.6575
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.7857	0.1429	0.5617	0.6111	0.2715
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.8723	0.1277	0.8679	0.7351	0.5083
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7643	0.2357	0.7430	0.4858	0.7453
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8021	0.1979	0.8016	0.6031	0.6609
marketing		0.8571	0.1429	0.6869	0.3680	0.6900
maternal		0.8020	0.1320	0.8061	0.7007	0.4127
math		0.5750	0.2125	0.4823	0.3366	0.5511
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8436	0.7778	0.1604
mental-health		0.2200	0.3120	0.2213	0.0247	0.8642
messidor		0.6522	0.3478	0.6462	0.2923	0.8798
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.6186	0.6842	0.2410
meter-D		0.6111	0.1944	0.5526	0.4899	0.3183
mfeat-fac		0.5200	0.0960	0.4080	0.4667	0.2976
mfeat-fou		0.1150	0.1770	0.0503	0.0167	0.5152
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.7050	0.0590	0.7095	0.6722	0.1933
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.7700	0.0460	0.7920	0.7444	0.1598
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.9906	0.0063	0.9891	0.9855	0.0242
mines		0.7059	0.1176	0.6941	0.6308	0.3156
mobile		0.1958	0.0287	0.2268	0.1812	0.3770
monks-1		0.4909	0.5091	0.3293	0.0000	0.5293
monks-2		0.9344	0.0656	0.9348	0.8610	0.3064
monks-3		0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9742	0.0258	0.9551	0.9070	0.2850
MUT_ci300400a_cdk_ECFP2		0.8189	0.1811	0.8132	0.6263	0.6333
MUT_ci300400a_cdk_ECFP4		0.8467	0.1533	0.8421	0.6842	0.5743
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7734	0.2266	0.7647	0.5276	0.7143

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_EXTENDED		0.7914	0.2086	0.7852	0.5703	0.6867
MUT_ci300400a_cdk_FCFP2		0.8263	0.1737	0.8206	0.6409	0.6174
MUT_ci300400a_cdk_FCFP4		0.8261	0.1739	0.8200	0.6385	0.6135
MUT_ci300400a_cdk_FCFP6		0.8189	0.1811	0.8141	0.6282	0.6340
MUT_ci300400a_cdk_MACCS		0.8141	0.1859	0.8084	0.6167	0.6432
MUT_ci300400a_cdk_PUBCHEM		0.8575	0.1425	0.8530	0.7058	0.5482
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.7932	0.2068	0.7872	0.5732	0.6788
myocardial		0.0588	0.2353	0.0807	0.0266	0.4485
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9031	0.0969	0.8072	0.6105	0.5419
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.3333	0.4444	0.3014	-0.0283	0.8217
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.7773	0.0636	0.7712	0.7395	0.2584
obs		0.9537	0.0231	0.9680	0.9319	0.0919
occupancy		0.9908	0.0092	0.9873	0.9743	0.1107
Occupancy_Estimation		0.9812	0.0094	0.9344	0.9432	0.0849
oh0-wc		0.7921	0.0416	0.7777	0.7606	0.1987
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.7065	0.0587	0.6722	0.6671	0.2911
oh5-wc		0.8242	0.0352	0.8233	0.8017	0.1726
olive		0.8070	0.0429	0.7951	0.7632	0.1806
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.1566	0.1687	0.1640	0.0619	0.7418
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.0356	0.9644	0.0344	0.0000	0.0956
ozone8hr		0.8182	0.1818	0.5488	0.0881	0.6171
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.8014	0.6025	0.6500
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8654	0.7299	0.5231
p53-mutants10%		0.0032	0.9968	0.0032	0.0000	0.0091
page-blocks		0.9397	0.0241	0.5938	0.6476	0.3606
parkinson		0.8917	0.1083	0.8874	0.7737	0.4542
parkinsons		0.7062	0.2938	0.7155	0.4157	0.7686
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.8829	0.1171	0.5863	0.1721	0.6762
pcmac		0.4536	0.5464	0.4547	-0.0891	1.0000
pcos		0.9867	0.0133	0.9790	0.9578	0.1039
pd		0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.9891	0.0022	0.9891	0.9879	0.0200
period		0.6667	0.3333	0.4000	0.0000	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
period-10f		0.3333	0.6667	0.2500	0.0000	0.5000
persistency		0.7201	0.2799	0.7027	0.4054	0.8046
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.7550	0.2450	0.7360	0.4684	0.7505
phishing		0.9347	0.0653	0.9322	0.8640	0.3336
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%		0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%		0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.8889	0.1111	0.8632	0.7264	0.5102
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.6711	0.3289	0.6622	0.3234	0.8550
pirvision		0.8165	0.1224	0.2997	0.0000	0.2067
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.5789	0.4211	0.5778	0.1556	0.9466
plrx		0.5556	0.4444	0.5623	0.1111	0.8384
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9545	0.0455	0.5327	0.0437	0.5500
polish-2nd		0.9499	0.0501	0.4871	-0.0173	0.5909
polish-3rd		0.9438	0.0562	0.4855	-0.0147	0.5449
polish-4th		0.9173	0.0827	0.5032	0.0061	0.6702
polish-5th		0.9239	0.0761	0.6348	0.2493	0.6165
polya		0.6378	0.3622	0.6021	0.2040	0.9031
popularity		0.3135	0.4577	0.1591	0.0000	0.3128
post-operative		0.6667	0.2222	0.4388	0.3077	0.4154
postures		0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc		0.7206	0.2794	0.7207	0.4412	0.7929
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.3030	0.1072	0.2707	0.2310	0.3572
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.7612	0.2388	0.7434	0.4826	0.7395
promoters		0.6000	0.4000	0.3750	0.0000	0.5000
prostate		0.7857	0.2143	0.8028	0.5333	0.4205
prostate_GE		0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio		0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%		0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%		0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%		0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%		0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%		0.5002	0.4998	0.3334	0.0000	0.5283
pulsar		0.9074	0.0926	0.4757	0.0000	0.2118
raisin		0.9222	0.0778	0.9232	0.8444	0.3519
re0-wc		0.5667	0.0667	0.5503	0.4344	0.4628
re1-wc		0.4759	0.0419	0.4691	0.4101	0.3751
rejafada		0.9598	0.0402	0.4897	-0.0089	0.4791
relathe		0.5423	0.4577	0.3516	0.0000	0.5201
rice		0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq		0.1750	0.3300	0.0596	0.0000	0.3826
rocket		0.6023	0.3977	0.5883	0.1767	0.9286
RT_IOT2022		0.0336	0.1611	0.0054	0.0000	0.1744
satimage		0.8149	0.0617	0.8054	0.7732	0.2643
satimageF		0.9907	0.0093	0.9763	0.9525	0.1611
satimageT		0.8694	0.1306	0.7198	0.4230	0.6495

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
scadi			0.2857	0.2857	0.3429	0.1667	0.3023
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9307	0.0198	0.9365	0.9190	0.0916
segmentation			0.8020	0.1980	0.7905	0.5788	0.6730
segmentO			0.9610	0.0390	0.9345	0.8601	0.3620
seismic			0.9109	0.0891	0.6278	0.2555	0.6608
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.7921	0.2079	0.5490	0.0980	0.7706
sens-2-gram			0.7816	0.2184	0.6460	0.2726	0.6974
sens-3-gram			0.7974	0.2026	0.5954	0.1890	0.7477
sens-4-gram			0.7789	0.2211	0.6017	0.1964	0.7301
sens-5-gram			0.8053	0.1947	0.5591	0.1179	0.7709
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.8727	0.1273	0.6345	0.2504	0.6209
sirtuin6			0.7000	0.3000	0.7521	0.4000	0.4882
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9922	0.0078	0.9885	0.9768	0.1057
smarket			0.7600	0.2400	0.7616	0.5208	0.7271
smart-farming			0.1600	0.4200	0.1542	-0.1194	0.8807
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2100	0.3160	0.2103	0.0129	0.8692
solar-flare			0.1942	0.2686	0.1695	0.0530	0.7850
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.0588	0.0991	0.0678	-0.0166	0.5384
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8630	0.1370	0.8576	0.7150	0.5405
spect			0.6667	0.3333	0.5950	0.1818	0.8134
spectf			0.2857	0.7143	0.2222	0.0000	0.4711
spectrometer			0.0000	0.0741	0.0000	-0.0517	0.3855
splice-EI			0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE			0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles			0.6500	0.3500	0.5973	0.1807	0.8765
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.4000	0.4000	0.1905	0.0000	0.2619
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.7090	0.4141	0.7381
steel-d			0.9692	0.0308	0.7421	0.4841	0.5554
steel-k			0.9641	0.0359	0.9439	0.8868	0.2321
steel-o			0.7590	0.2410	0.7305	0.4602	0.7563
steel-p			0.9077	0.0923	0.6757	0.3502	0.6521
steel-s			0.9744	0.0256	0.8676	0.7237	0.4963
steel-z			0.9436	0.0564	0.8685	0.7245	0.5075
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.1806	0.8194	0.1529	0.0000	0.3656
stockb			0.9736	0.0176	0.9738	0.9603	0.0729
streaming			0.8620	0.1380	0.8606	0.7185	0.5217

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.2300	0.3080	0.1717	-0.1073	0.8177
student-weekend			0.3846	0.2462	0.2827	0.1567	0.6680
student-workday			0.5938	0.1625	0.2751	0.1843	0.7006
studentap			0.5385	0.3077	0.5342	0.2778	0.6089
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6667	0.2222	0.6735	0.5000	0.4558
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9964	0.0007	0.9965	0.9960	0.0060
theorem			0.4173	0.5827	0.2945	0.0000	0.5272
thoracic			0.8298	0.1702	0.6643	0.3286	0.7325
thrombin			0.9686	0.0314	0.6170	0.2340	0.5865
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.3368	0.6632	0.2520	0.0000	0.5017
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f			0.4118	0.5882	0.4338	-0.1184	0.9526
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6533	0.3467	0.5061	0.0122	0.8985
trec11-wc			0.8537	0.0325	0.8034	0.8170	0.1248
trec12-wc			0.8710	0.0323	0.8868	0.8434	0.0933
trec21-wc			0.8485	0.0606	0.5322	0.6939	0.2013
trec23-wc			0.8095	0.0635	0.8757	0.7255	0.1247
trec31-wc			0.7849	0.0717	0.7462	0.7176	0.3122
trec41-wc			0.7159	0.0568	0.6643	0.6632	0.2765
trec45-wc			0.6377	0.0725	0.5645	0.5785	0.3147
tuandromd			0.9843	0.0157	0.9754	0.9507	0.1231
turkish			0.2500	0.3750	0.1000	0.0000	0.4042
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8077	0.1923	0.7901	0.5780	0.6602
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9170	0.0830	0.5419	0.0766	0.5337
ur3_cobotops_stop			0.9061	0.0939	0.6587	0.2637	0.5184
urban			0.2239	0.1725	0.1536	0.1032	0.6154
urinalysis			0.9091	0.0909	0.6370	0.2684	0.6329
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7024	0.1488	0.7024	0.6054	0.3065
vehicleVAN			0.9643	0.0357	0.9519	0.9032	0.2250
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.8372	0.1628	0.8410	0.6753	0.5648
vowel			0.5455	0.0826	0.5966	0.5000	0.2709
vowelZ			0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7885	0.0212	0.6540	0.7631	0.1340
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2600	0.3700	0.2581	0.0126	0.8611
waveform			0.3400	0.4400	0.1692	0.0000	0.4157
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8519	0.0988	0.7945	0.7357	0.4133
Weekly			0.8704	0.1296	0.8688	0.7375	0.5146
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9750	0.0125	0.9751	0.9667	0.0640
wilt			0.9420	0.0580	0.7692	0.5191	0.5833
wine			0.2353	0.5098	0.1270	0.0000	0.3739
winequality-red			0.6101	0.1300	0.3540	0.3955	0.6132
winequality-white			0.4928	0.1449	0.2662	0.2802	0.6877
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9298	0.0702	0.9246	0.8492	0.3528
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.2838	0.1432	0.2167	0.1252	0.6929
yeastCYT-POX			0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC			0.9392	0.0608	0.6592	0.2808	0.5314
yeastME1			0.9595	0.0405	0.6958	0.3799	0.5788
yeastME2			0.9459	0.0541	0.6564	0.3060	0.6026
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 161: Detailed results for PMR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1976	0.0764	0.1441	0.1173	0.4926
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8464	0.1536	0.7752	0.5446	0.6284
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878		0.7810	0.2190	0.4948	-0.0075	0.7914
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8592	0.1408	0.7963	0.5801	0.5679
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8744	0.1256	0.8719	0.7435	0.5028
alcohol		0.7714	0.0914	0.3735	0.4602	0.2643
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8419	0.1581	0.8252	0.6498	0.5969
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family		0.9444	0.0278	0.7681	0.8926	0.1603
anuran-genus		0.9569	0.0108	0.8883	0.9291	0.1857
anuran-species		0.9694	0.0061	0.9328	0.9575	0.0742
anxiety		0.0833	0.2037	0.0827	-0.0333	0.8384
apple-quality		0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.9020	0.0980	0.7385	0.4276	0.4934

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.8000	0.0667	0.6900	0.7306	0.1466
avila		0.5558	0.0740	0.4055	0.3402	0.3604
babies		0.4355	0.1613	0.1726	0.1133	0.4723
balance		0.9032	0.0645	0.8274	0.8306	0.3374
bank		0.9109	0.0891	0.7487	0.4850	0.5674
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.9154	0.8259	0.3982
biodeg		0.8857	0.1143	0.8803	0.7600	0.4858
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9857	0.0026	0.0903	-0.0002	0.3387
body-perf		0.6313	0.1843	0.6298	0.5085	0.4996
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.5714	0.7143	0.0558
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8736	0.0632	0.7559	0.7307	0.2921
car-insurance		0.8320	0.1680	0.8008	0.6003	0.6312
card		0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography		0.8310	0.0338	0.7621	0.7974	0.2174
cardiotocography-nsp		0.8873	0.0751	0.7909	0.6929	0.4030
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5539	0.4425	0.5565
cas_N6512_cdk_ECFP2		0.7512	0.2488	0.7491	0.4980	0.7492
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7400	0.2600	0.7384	0.4768	0.7665
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.7650	0.2350	0.7631	0.5230	0.7193
cas_N6512_RDkit_MACCS_FP		0.7546	0.2454	0.7533	0.5065	0.7439
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.7138	0.2862	0.7121	0.4243	0.8038
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9439	0.0561	0.5741	0.1148	0.5719
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9995	0.0005	0.8628	0.7181	0.2800
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8143	0.6282	0.4387
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml		0.8689	0.1311	0.6742	0.2844	0.5710
ci900367j_MACCS		0.7474	0.2526	0.7289	0.4574	0.7669
circles		0.7660	0.0047	0.7769	0.7636	0.0616
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		0.9964	0.0012	0.9960	0.9956	0.0060
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8009	0.0995	0.5583	0.6874	0.3137
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9200	0.0800	0.7382	0.3103	0.1938
cmc		0.4898	0.3401	0.4607	0.1927	0.7513
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8688	0.0239	0.6799	0.8404	0.2559
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4		0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7586	0.2414	0.6545	0.3072	0.7986
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7740	0.2260	0.7741	0.5481	0.7105
coupon		0.6806	0.3194	0.6710	0.3404	0.8477
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.7165	0.0810	0.4950	0.5325	0.3599
covtypeCD		0.9468	0.0532	0.8815	0.7596	0.3732
covtypeT		0.9429	0.0571	0.7450	0.4735	0.5177

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9994	0.0006	0.9139	0.8258	0.2307
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8931	0.0356	0.7692	0.7762	0.2897
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.3438	0.0328	0.2424	0.3267	0.0969
customer-churn		0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity		0.1567	0.2811	0.1595	-0.0148	0.8799
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.7407	0.2593	0.7349	0.4698	0.7686
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8147	0.1853	0.6859	0.3008	0.5989
defect		0.8827	0.1173	0.7477	0.4323	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9013	0.0987	0.7201	0.4163	0.5765
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7167	0.2833	0.6306	0.2609	0.8304
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6500	0.1400	0.5622	0.4928	0.4580
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5689	0.4311	0.5655	0.1301	0.9537
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7675	0.1550	0.6878	0.6096	0.4624
drug-01		0.4255	0.1641	0.1858	0.1006	0.5279
drug-02		0.5053	0.1413	0.1888	0.1172	0.5774
drug-03		0.6596	0.0973	0.1302	0.0227	0.3937
drug-04		0.5160	0.1383	0.2297	0.1107	0.6083
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4043	0.1702	0.2249	0.2417	0.5586
drug-07		0.4468	0.1581	0.1335	0.0525	0.3554
drug-08		0.5638	0.1246	0.2054	0.1349	0.4238
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.2456	0.1527	0.3701
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7872	0.0608	0.1258	-0.0056	0.2801
drug-13		0.6330	0.1049	0.2633	0.2770	0.3634
drug-14		0.5798	0.1201	0.2533	0.2360	0.4229
drug-15		0.7447	0.0729	0.1235	0.0355	0.2841

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-16			0.6064	0.1125	0.2937	0.3379	0.3799
drug-17			0.3564	0.1839	0.1626	0.1042	0.5075
drug-18			0.9947	0.0021	0.1995	0.0000	0.0076
drug-19			0.7553	0.0699	0.1229	-0.0198	0.2767
drybean			0.9295	0.0202	0.9412	0.9147	0.1186
ecoli			0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU			0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM			0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce			0.2800	0.3600	0.2797	0.0399	0.8248
eeg			0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye			0.6395	0.3605	0.6311	0.2569	0.8844
eeg10%			0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing			0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus			0.6575	0.1370	0.6248	0.5622	0.3930
euthyroid			0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq			0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%			0.8940	0.1060	0.8947	0.7880	0.4443
fakenews			0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads			0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc			0.0366	0.1133	0.0042	0.0000	0.3744
fertility			0.9000	0.1000	0.4737	0.0000	0.2236
finance			1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk			0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch			1.0000	0.0000	1.0000	1.0000	0.0000
flags			0.2000	0.2286	0.0476	0.0000	0.3593
forest			0.9231	0.0385	0.9006	0.8941	0.1186
gas			0.9820	0.0060	0.9810	0.9782	0.0418
gastrointestinal			0.5000	0.3333	0.2222	0.0000	0.3718
gender			0.6000	0.2667	0.3792	0.1413	0.5118
gene			0.9180	0.0547	0.9082	0.8688	0.2392
german			0.7700	0.2300	0.7372	0.4390	0.6592
gestures			0.2491	0.3754	0.0997	0.0000	0.4043
gina			0.8300	0.1700	0.8315	0.6591	0.5901
gisette			0.5000	0.5000	0.3333	0.0000	0.5283
glass			0.7143	0.0952	0.7232	0.6050	0.2593
glass-g2			0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP			0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP			0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers			0.9091	0.0909	0.4762	0.0000	0.2092
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.7895	0.2105	0.7889	0.5778	0.6844
gli_85			0.2500	0.7500	0.2000	0.0000	0.4422
glioma			0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade			0.9048	0.0952	0.9055	0.8072	0.4121
green			0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage			0.5333	0.2333	0.4577	0.3598	0.3967
gsalc			0.2222	0.2593	0.0606	0.0000	0.3838
haberman			0.7333	0.2667	0.5793	0.1045	0.7293
hapt			0.0073	0.1654	0.0012	0.0000	0.3596
har			0.7309	0.1076	0.7199	0.6591	0.4196
har70			0.0899	0.2600	0.0236	0.0000	0.3023
har701%			0.7699	0.0657	0.4291	0.6287	0.1747
har7010%			0.7669	0.0666	0.4223	0.6233	0.1748
harth			0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth1%		0.6601	0.0566	0.2326	0.5132	0.2461
harth10%		0.6598	0.0567	0.2355	0.5122	0.2484
hayes-roth		0.3750	0.4167	0.3965	0.0244	0.7361
hcc-survival		0.5882	0.4118	0.5502	0.0916	0.9258
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8366	0.1634	0.8366	0.6731	0.5905
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6591	0.3409	0.6564	0.3100	0.8661
higgs1%		0.6418	0.3582	0.6388	0.2717	0.8777
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.2183	0.0941	0.4155
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9275	0.0725	0.8693	0.7383	0.4556
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6111	0.2593	0.5873	0.3412	0.6284
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.5845	0.2770	0.5877	0.3767	0.6472
ht-sensor10%		0.5666	0.2889	0.5699	0.3504	0.6639
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9761	0.0119	0.6592	0.8517	0.1518
hypothyroidT		0.9549	0.0451	0.8202	0.5658	0.1285
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9507	0.0247	0.9510	0.9342	0.0990
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8209	0.1791	0.6455	0.1720	0.5323
jvowels		0.9508	0.0109	0.9476	0.9442	0.0774
kc1		0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.6154	0.1538	0.3650	0.2935	0.3817
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2856	0.0794	0.2351	0.1868	0.5688
krvskp		0.9718	0.0282	0.9717	0.9435	0.1739
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.8824	0.0102	0.9022	0.8764	0.0352

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.6000	0.0800	0.6196	0.5531	0.1924
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7655	0.0180	0.7632	0.7560	0.2357
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.0833	0.1222	0.0103	0.0000	0.4070
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.9204	0.0796	0.9148	0.8292	0.3758
localization		0.3983	0.1094	0.1734	0.1827	0.5407
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8868	0.0323	0.6557	0.8424	0.0634
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5692	0.4308	0.5705	0.1385	0.9456
magic04		0.7817	0.2183	0.7523	0.4971	0.7031
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.9018	0.0982	0.7768	0.5110	0.4530
maternal		0.6040	0.2640	0.6032	0.3908	0.5676
math		0.8000	0.1000	0.7475	0.6926	0.3524
mba		0.8242	0.1172	0.3694	0.0711	0.3672
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2433	0.3027	0.2466	0.0527	0.8344
messidor		0.7217	0.2783	0.7201	0.4390	0.7902
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.9125	0.8462	0.1451
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.8200	0.0360	0.8229	0.8000	0.1710
mfeat-kar		0.9600	0.0080	0.9605	0.9556	0.0506
mfeat-mor		0.7150	0.0570	0.7185	0.6833	0.1961
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.8200	0.0360	0.8216	0.8000	0.1143
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8774	0.0818	0.8811	0.8152	0.2779
mines		0.5294	0.1882	0.4634	0.4106	0.3962
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4844	0.0937	0.4806	0.3764	0.5408
musk		0.9409	0.0591	0.8796	0.7418	0.2793
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.7638	0.2362	0.7541	0.5040	0.7248
MUT_ci300400a_cdk_PUBCHEM		0.8180	0.1820	0.8113	0.6203	0.6281
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.7895	0.2105	0.7835	0.5662	0.6869
myocardial		0.8765	0.0309	0.3495	0.4737	0.4239
naticusdroid		0.9632	0.0368	0.9632	0.9264	0.2109
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8783	0.0128	0.2683	0.6185	0.1743
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6471	0.3529	0.6443	0.2878	0.8831
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9443	0.0557	0.9316	0.8632	0.3217
NPHA-doctor-visits		0.4722	0.3519	0.2645	-0.0696	0.6591
nursery		0.9313	0.0275	0.7116	0.8991	0.1221
obesity		0.9242	0.0217	0.9233	0.9114	0.1054
obs		0.8704	0.0648	0.9072	0.8027	0.1532
occupancy		0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation		0.9931	0.0035	0.9767	0.9790	0.0301
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.9298	0.0156	0.9076	0.9124	0.0513
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9133	0.0867	0.6366	0.0549	0.2693
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9520	0.0096	0.9535	0.9466	0.0688
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr		0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9726	0.0110	0.8793	0.8429	0.2533
parkinson		0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons		0.8009	0.1991	0.7967	0.5892	0.6629
parkinsons-small		0.8421	0.1579	0.8114	0.6175	0.6233
particle		0.9103	0.0897	0.8886	0.7773	0.4463
particle10%		0.9038	0.0962	0.8831	0.7656	0.4716
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8289	0.1711	0.7760	0.5517	0.6697

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.9563	0.0087	0.9565	0.9514	0.0691
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9250	0.0750	0.9158	0.8215	0.2735
phishing			0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%			0.6639	0.0960	0.6275	0.6063	0.3362
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%			0.6316	0.1053	0.5897	0.5681	0.3353
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7593	0.2407	0.6882	0.3725	0.7782
phy			0.7074	0.2926	0.7074	0.4147	0.8112
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.9909	0.0061	0.9842	0.9711	0.0693
placement			0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth			0.8421	0.1579	0.8427	0.6816	0.5635
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4907	0.1455	0.1295	-0.0114	0.2592
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd			0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd			0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th			0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th			0.9272	0.0728	0.6194	0.1896	0.5601
polya			0.7784	0.2216	0.7522	0.5001	0.7142
popularity			0.6636	0.2243	0.4508	0.2121	0.4958
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8155	0.0738	0.8151	0.7693	0.2881
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7215	0.4412	0.7888
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.5152	0.0746	0.5149	0.4634	0.2606
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.8657	0.1343	0.8497	0.6990	0.5534
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.8341	0.0663	0.7819	0.7759	0.2508
puc-rio10%			0.8431	0.0628	0.7854	0.7883	0.2462
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5012	0.4988	0.5013	0.0025	0.9993
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.9868	0.0132	0.9867	0.9733	0.0921
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6067	0.3933	0.5779	0.1514	0.9250
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimage			0.8523	0.0492	0.8182	0.8171	0.2111
satimageF			0.9844	0.0156	0.9595	0.9188	0.1877
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8718	0.1282	0.5865	0.1649	0.6310
secondary_mushroom			0.8729	0.1271	0.8717	0.7433	0.5081
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9481	0.0148	0.9522	0.9393	0.0727
segmentation			0.8168	0.1832	0.7977	0.5945	0.6489
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8474	0.1526	0.5114	0.0143	0.6901
sens-3-gram			0.8605	0.1395	0.5972	0.1524	0.6584
sens-4-gram			0.8263	0.1737	0.5624	0.1206	0.7656
sens-5-gram			0.8500	0.1500	0.6002	0.1845	0.7209
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.7703	0.0418	0.7691	0.7473	0.2288
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8840	0.1160	0.7394	0.4155	0.4799
shuttle			0.9655	0.0099	0.7673	0.9008	0.1322
sick			0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9188	0.0812	0.8779	0.7557	0.4666
skin10%			0.9154	0.0846	0.8715	0.7431	0.4746
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1967	0.3213	0.1993	-0.0058	0.8660
solar-flare			0.7554	0.0815	0.6528	0.6854	0.2183
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9435	0.0565	0.8130	0.6159	0.4539
spambase			0.9065	0.0935	0.9020	0.8009	0.3957
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.9558	0.0442	0.9434	0.8858	0.3029
splice-IE			0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles			0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7540	0.1640	0.7026	0.6006	0.4697
steel-b			0.8308	0.1692	0.7118	0.3990	0.6566
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9795	0.0205	0.9685	0.9371	0.1800
steel-o			0.7692	0.2308	0.7353	0.4361	0.6635
steel-p			0.9282	0.0718	0.7214	0.4253	0.5579
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.9647	0.0235	0.9592	0.9370	0.1216
stock			0.9028	0.0972	0.8270	0.6505	0.5175

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8000	0.2000	0.7975	0.5949	0.6667
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6400	0.1440	0.3571	0.4053	0.4069
student-depression			0.8351	0.1649	0.8290	0.6571	0.5962
student-habits			0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend			0.3385	0.2646	0.2246	0.0955	0.7099
student-workday			0.7031	0.1187	0.2529	0.2260	0.4683
studentap			0.4615	0.3590	0.4598	0.1727	0.7242
susy1%			0.7944	0.2056	0.7941	0.5801	0.6514
susy10%			0.7883	0.2117	0.7887	0.5668	0.6557
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9982	0.0003	0.9983	0.9980	0.0031
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7164	0.2836	0.6487	0.2938	0.8095
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.8750	0.0625	0.8875	0.8333	0.1586
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9261	0.8520	0.3518
tvnews10%			0.9029	0.0971	0.8946	0.7881	0.4270
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis			0.9510	0.0490	0.7039	0.3436	0.4349
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7381	0.1310	0.7220	0.6513	0.2329
vehicleVAN			0.9643	0.0357	0.9523	0.9000	0.1262
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.6566	0.0624	0.6815	0.6222	0.1767
vowelZ			0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2300	0.3850	0.2309	-0.0266	0.8718
waveform			0.8360	0.1093	0.8362	0.7540	0.3756
weather-related			0.9731	0.0049	0.9738	0.9695	0.0462
web-phishing			0.8148	0.1235	0.6614	0.6596	0.4652
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.8173	0.0731	0.8110	0.7685	0.3034
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9752	0.0248	0.8526	0.6876	0.2866
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5849	0.1384	0.2710	0.3189	0.3978
winequality-white			0.5317	0.1338	0.2564	0.2468	0.4568
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5135	0.0973	0.3627	0.3718	0.3405
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 162: Detailed results for POR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1855	0.0776	0.0780	0.1021	0.4576
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.6979	0.2188	0.4125
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8122	0.1878	0.7167	0.4061	0.6628
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7429	0.1029	0.3449	0.3474	0.2540
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8651	0.1349	0.8498	0.6949	0.5200
anneal		0.9438	0.0225	0.9358	0.8793	0.1354
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9040	0.0480	0.6189	0.8116	0.2005
anuran-genus		0.8554	0.0362	0.4788	0.7471	0.1800
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.0917	0.2019	0.0643	-0.0278	0.6932
apple-quality		0.7175	0.2825	0.7190	0.4350	0.7900
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.8824	0.1176	0.6849	0.1270	0.2517

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.9091	0.0165	0.8749	0.8914	0.0458
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7500	0.0833	0.5657	0.6564	0.1443
avila		0.5022	0.0830	0.2162	0.2251	0.3611
babies		0.4355	0.1613	0.1402	0.0970	0.3740
balance		0.8871	0.0753	0.6140	0.7870	0.1945
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9852	0.9704	0.1045
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8986	0.1014	0.8917	0.7690	0.3513
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8476	0.1524	0.8372	0.6738	0.5763
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.7358	0.7778	0.0821
bridges		0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8506	0.0747	0.5914	0.6716	0.3173
car-insurance		0.8270	0.1730	0.7921	0.5798	0.6329
card		0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography		0.7277	0.0545	0.6418	0.6650	0.2064
cardiotocography-nsp		0.8545	0.0970	0.7139	0.5276	0.3799
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6500	0.2333	0.4843	0.2938	0.6322
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7200	0.2800	0.7193	0.4383	0.7939
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9752	0.0248	0.8305	0.6136	0.1935
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8030	0.1970	0.6149	0.1414	0.6115
churn-bigml		0.8764	0.1236	0.7033	0.2611	0.3763
ci900367j_MACCS		0.6947	0.3053	0.6653	0.3259	0.8363
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.7143	0.1905	0.4837	0.3971	0.3940
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7694	0.1153	0.4969	0.6190	0.2730
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4830	0.3447	0.4482	0.1728	0.7476
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.5517	0.4483	0.4647	-0.0680	0.9793
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.6207	0.3793	0.5884	0.1448	0.8434
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7931	0.2069	0.6969	0.2018	0.3671
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7596	0.2404	0.7605	0.5195	0.7303
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.0353	0.2756	0.0097	0.0000	0.2902
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8461	0.0513	0.5627	0.6404	0.1930
cryotherapy		0.6667	0.3333	0.6582	0.3077	0.8482
cultivars		0.1562	0.0422	0.0918	0.1325	0.1642
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1700	0.2767	0.1145	-0.0057	0.6094
cyclopentane		0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands		0.7963	0.2037	0.7914	0.5714	0.6421
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8143	0.1857	0.6852	0.3001	0.6014
defect		0.8827	0.1173	0.7573	0.3822	0.2571
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.2667	0.0857	0.4227
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7167	0.2833	0.5781	0.1500	0.8543
diabetes		0.8846	0.1154	0.8781	0.7562	0.4872
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.7050	0.8346	0.0915
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7607	0.1595	0.6650	0.5832	0.4195
drug-01		0.4096	0.1687	0.1249	0.0308	0.3481
drug-02		0.5160	0.1383	0.0976	0.0045	0.2927
drug-03		0.6915	0.0881	0.1477	0.0377	0.2421
drug-04		0.5319	0.1337	0.0996	0.0055	0.2904
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4415	0.1596	0.2720	0.2729	0.3590
drug-07		0.4734	0.1505	0.1591	0.0848	0.2918
drug-08		0.5585	0.1261	0.1373	0.0261	0.2662
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1565	0.1014	0.3535
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6223	0.1079	0.1740	0.2326	0.3225
drug-14		0.5851	0.1185	0.2194	0.1783	0.3510
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.5851	0.1185	0.1825	0.2564	0.3123
drug-17		0.3723	0.1793	0.1345	0.1117	0.4321
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9089	0.0260	0.9087	0.8894	0.1268
ecoli		0.8235	0.0441	0.5192	0.7488	0.1029
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2000	0.4000	0.1687	-0.0652	0.7699
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5875	0.4125	0.5726	0.1306	0.9043
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6301	0.1479	0.5898	0.5090	0.3437
euthyroid		0.9335	0.0665	0.7850	0.4621	0.1711
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7059	0.2941	0.7074	0.3846	0.7439
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8125	0.0625	0.6420	0.7538	0.0807
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9038	0.0481	0.8919	0.8667	0.1055
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.6250	0.2500	0.5906	0.3962	0.5975
gender		0.6042	0.2639	0.3823	0.1484	0.5082
gene		0.9117	0.0589	0.8997	0.8592	0.2381
german		0.7500	0.2500	0.7121	0.3812	0.6824
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.5714	0.1429	0.4812	0.3762	0.3061
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP		0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.8810	0.1190	0.8813	0.7590	0.4804
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4667	0.2667	0.3077	0.2500	0.3838
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7584	0.0690	0.3837	0.6065	0.1547
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.3750	0.4167	0.2694	-0.0596	0.6259
hcc-survival		0.7059	0.2941	0.6913	0.3796	0.8165
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8387	0.1613	0.8369	0.6723	0.5819
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.8460	0.1540	0.8148	0.6209	0.5714
heart-quantum		0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6464	0.3536	0.6434	0.2826	0.8768
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1393	0.1195	0.3056
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6667	0.2222	0.6453	0.3846	0.4620
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9693	0.0307	0.9014	0.7854	0.1470
hypothyroid		0.9363	0.0318	0.5636	0.4712	0.1470
hypothyroidT		0.9390	0.0610	0.7437	0.3251	0.1589
ilpd		0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8099	0.1901	0.6018	0.0728	0.5043
jvowels		0.9096	0.0201	0.9066	0.8975	0.1330
kc1		0.8768	0.1232	0.7238	0.3590	0.4552
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.7692	0.0923	0.3178	0.4265	0.1435
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.9467	0.0533	0.9467	0.8933	0.2786
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6176	0.0332	0.5730	0.5985	0.1069

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.7000	0.0600	0.6724	0.6639	0.1397
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.0833	0.1222	0.0103	0.0000	0.4070
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.8970	0.1030	0.8895	0.7757	0.4283
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8679	0.0377	0.6419	0.8154	0.0891
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9043	0.0957	0.9033	0.8050	0.4227
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7728	0.2272	0.7402	0.4616	0.6938
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8430	0.6859	0.5749
marketing		0.8929	0.1071	0.7519	0.4309	0.4261
maternal		0.6634	0.2244	0.6736	0.4777	0.4958
math		0.7500	0.1250	0.5896	0.5918	0.2757
mba		0.8323	0.1118	0.3756	0.0639	0.3258
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.6957	0.3043	0.6968	0.3906	0.8179
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.8125	0.6070	0.1886
meter-D		0.7778	0.1111	0.6350	0.6856	0.1970
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.7850	0.0430	0.7880	0.7611	0.1772
mfeat-kar		0.9400	0.0120	0.9421	0.9333	0.0733
mfeat-mor		0.7050	0.0590	0.6803	0.6722	0.1921
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.7700	0.0460	0.7696	0.7444	0.1988
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8019	0.1321	0.7682	0.6916	0.3900
mines		0.5000	0.2000	0.4148	0.3738	0.4089
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.5739	0.4261	0.3646	0.0000	0.5103
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9559	0.0441	0.9146	0.8140	0.1350
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5139	0.3241	0.3066	-0.0084	0.4955
nursery		0.9151	0.0340	0.5561	0.8743	0.1077
obesity		0.5735	0.1219	0.5601	0.5017	0.3984
obs		0.8148	0.0926	0.8552	0.7197	0.2228
occupancy		0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation		0.9733	0.0133	0.9262	0.9160	0.0599
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.7368	0.0585	0.6254	0.6572	0.1454
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr		0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9415	0.0234	0.5740	0.5618	0.0651
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.8152	0.1848	0.8064	0.6121	0.6468
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8816	0.1184	0.8335	0.6538	0.4856

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.1028	0.1794	0.0186	0.0000	0.4062
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9050	0.0950	0.8937	0.7701	0.3112
phishing			0.9469	0.0531	0.9444	0.8872	0.2581
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7537	0.2463	0.6782	0.3512	0.7860
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7105	0.2895	0.6923	0.3323	0.7052
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.7990	0.2010	0.7924	0.5840	0.6700
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9289	0.0711	0.4816	-0.0033	0.3009
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6353	0.2647	0.8828
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.5152	0.0746	0.4048	0.4511	0.2225
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.8060	0.1940	0.7711	0.5330	0.6591
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.7622	0.0951	0.6709	0.6671	0.2377
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9721	0.0279	0.9119	0.8094	0.1280
raisin			0.9000	0.1000	0.9001	0.8000	0.4311
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6096	0.3904	0.5747	0.1387	0.9089
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimage			0.7978	0.0674	0.7244	0.7462	0.2249
satimageF			0.9798	0.0202	0.9461	0.8896	0.1561
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8918	0.0309	0.9039	0.8733	0.1141
segmentation			0.7871	0.2129	0.7627	0.5227	0.7023
segmentO			0.9610	0.0390	0.9196	0.8257	0.1225
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8792	0.1208	0.7254	0.3769	0.4824
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9496	0.0504	0.7516	0.4051	0.2858
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.8983	0.1017	0.8405	0.6793	0.5165
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7482	0.0839	0.5766	0.6748	0.1927
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9087	0.0913	0.9046	0.8050	0.3801
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8286	0.1714	0.7887	0.4878	0.3453
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.9590	0.0410	0.9459	0.8918	0.2766
splice-IE			0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles			0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7949	0.2051	0.6419	0.2637	0.7472
steel-d			0.9744	0.0256	0.7333	0.2794	0.0817
steel-k			0.9590	0.0410	0.9356	0.8693	0.2472
steel-o			0.7436	0.2564	0.7052	0.3513	0.6581
steel-p			0.9179	0.0821	0.6255	0.1729	0.5109
steel-s			0.9744	0.0256	0.8122	0.6029	0.3542
steel-z			0.9590	0.0410	0.8784	0.7553	0.3856
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8958	0.1042	0.8069	0.5931	0.4811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stockb			0.9559	0.0294	0.9568	0.9339	0.1040
streaming			0.8000	0.2000	0.7972	0.5939	0.6654
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6250	0.1500	0.2762	0.3606	0.3313
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.4000	0.2400	0.1875	0.1055	0.4726
student-workday			0.7344	0.1062	0.2687	0.1929	0.2697
studentap			0.6154	0.2564	0.6420	0.3868	0.4512
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9236	0.0139	0.9286	0.9158	0.0792
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.8947	0.1053	0.8808	0.7530	0.4126
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.7250	0.1375	0.7173	0.6333	0.2456
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7381	0.1310	0.6974	0.6464	0.2975
vehicleVAN			0.9167	0.0833	0.8879	0.7500	0.2236
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.4747	0.0955	0.5164	0.4222	0.2585
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8460	0.1027	0.8464	0.7690	0.3577
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.7852	0.1432	0.5396	0.5922	0.3471
Weekly			0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc			0.9850	0.0075	0.9851	0.9800	0.0385
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5912	0.1363	0.2790	0.3223	0.3729
winequality-white			0.5153	0.1385	0.2484	0.2013	0.4264
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.4797	0.1041	0.2850	0.3269	0.3767
yeastCYT-POX			0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 163: Detailed results for PPC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1422	0.0817	0.0963	0.0521	0.5205
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
adult		0.8511	0.1489	0.7808	0.5536	0.6102
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.7381	0.2619	0.4583	-0.0711	0.6026
AID_1431_KlekotaRothFingerprinter		0.5397	0.4603	0.5536	0.0546	0.4333
AID_1431_MACCSFingerprinter		0.7937	0.2063	0.5454	0.0824	0.6408
AID_1878		0.6857	0.3143	0.5006	0.0012	0.8315
AID_602330		0.8958	0.1042	0.4725	-0.0526	0.5632
AID_652128		0.7879	0.1414	0.3356	-0.0043	0.6123
AID1284Morered		0.4722	0.5278	0.5191	0.0229	0.5722
AID1284red		0.6111	0.3889	0.4517	-0.0815	0.6957
AID1608Morered		0.6117	0.3883	0.5168	0.0172	0.4098
AID1608red		0.8447	0.1553	0.6706	0.2695	0.5251
AID362red		0.9696	0.0304	0.4923	-0.0153	0.5317
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.5714	0.4286	0.6818	0.2222	0.4422
AID456red		0.0030	0.9970	0.0030	0.0000	0.0086
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	-0.5217	0.9495
AID644red		0.6000	0.4000	0.6094	0.2000	0.8294
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9967	0.0033	0.4992	-0.0006	0.3287
AID688red		0.9897	0.0103	0.4974	-0.0020	0.3811
AID721morered		0.2222	0.7778	0.3214	-0.1887	0.7422
AID721red		0.6667	0.3333	0.5950	0.1818	0.8134
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9938	0.0062	0.4984	-0.0003	0.1661
aids		0.8826	0.1174	0.8328	0.6574	0.5084
air_pollution		0.3667	0.1810	0.1584	0.0153	0.7122
alcohol		0.7905	0.0838	0.3791	0.4954	0.2505
alzheimers		0.8651	0.1349	0.8507	0.7004	0.5388
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		0.8649	0.1351	0.7597	0.3934	0.2846
anuran-f-b		0.9903	0.0097	0.6805	0.3588	0.5350
anuran-family		0.9611	0.0195	0.7109	0.9248	0.0924
anuran-genus		0.9499	0.0125	0.7775	0.9160	0.1272
anuran-species		0.9431	0.0114	0.8022	0.9200	0.0802
anxiety		0.1500	0.1889	0.1473	0.0417	0.7731
apple-quality		0.8575	0.1425	0.8579	0.7150	0.5401
aps-failure		0.9858	0.0142	0.7618	0.5023	0.4122
arrhythmia		0.2889	0.1422	0.1631	0.0323	0.6937
auction		0.9265	0.0735	0.8144	0.5965	0.3833
audiology		0.8636	0.0248	0.6701	0.8398	0.0404
audit-risk		0.9359	0.0641	0.9354	0.8624	0.2175
autism-adolescent		0.8182	0.1818	0.8136	0.5600	0.3750
autism-adult		0.9286	0.0714	0.9114	0.8223	0.3967
autism-child		0.6207	0.3793	0.6256	0.2459	0.8929
autos		0.8000	0.0800	0.8062	0.7377	0.1922
avila		0.5769	0.0705	0.3367	0.3773	0.3273

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
babies		0.4677	0.1521	0.1556	0.1620	0.4594
balance		0.9032	0.0645	0.6241	0.8176	0.1641
bank		0.9043	0.0957	0.7199	0.4174	0.5769
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8940	0.1060	0.8851	0.7606	0.4016
bio		0.9969	0.0031	0.9046	0.7892	0.0145
bio10%		0.9979	0.0021	0.9383	0.8685	0.0103
biodeg		0.8190	0.1810	0.8142	0.6254	0.6316
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6410	0.1795	0.6348	0.5214	0.4811
brain-tumor		0.5010	0.4990	0.5009	0.0019	0.9993
breast-cancer		0.6429	0.3571	0.6585	0.2857	0.7711
breast-cancer-co		1.0000	0.0000	1.0000	1.0000	0.0000
breast-tissue		0.6364	0.1212	0.5820	0.5600	0.1505
bridges		0.5000	0.1667	0.4643	0.3590	0.3238
bub10at310k-hg16-17		0.9092	0.0908	0.5960	0.0087	0.2414
bub12at310k-hg16-17		0.9091	0.0909	0.5866	0.0085	0.2479
bub8at310k-hg16-17		0.9094	0.0906	0.6055	0.0196	0.2615
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4530	0.3647	0.3113	-0.0116	0.5842
car		0.9425	0.0287	0.8946	0.8802	0.1959
car-insurance		0.8460	0.1540	0.8226	0.6450	0.6050
card		0.8261	0.1739	0.8216	0.6431	0.6189
cardiotocography		0.8169	0.0366	0.7159	0.7784	0.1663
cardiotocography-nsp		0.8967	0.0689	0.8101	0.6978	0.3333
cardiovascular		0.7001	0.2999	0.7002	0.4003	0.8204
cargo2k		0.9898	0.0068	0.9899	0.9848	0.0387
cars		0.6500	0.2333	0.5254	0.3743	0.6366
cas_N6512_rdkit_descriptors		0.7492	0.2508	0.7472	0.4939	0.7518
cas_N6512_rdkit_LAYERED		0.6446	0.3554	0.6453	0.2896	0.8819
cas_N6512_RDkit_Layered_FP		0.6580	0.3420	0.6562	0.3124	0.8719
cas_N6512_rdkit_MACCS		0.7619	0.2381	0.7599	0.5168	0.7246
cas_N6512_RDkit_MACCS_FP		0.7975	0.2025	0.7963	0.5925	0.6703
cas_N6512_RDkit_morgan_FP		0.6426	0.3574	0.6400	0.2799	0.8889
cas_N6512_rdkit_PATTERN		0.6754	0.3246	0.6764	0.3514	0.8469
cas_N6512_RDkit_pattern_FP		0.6902	0.3098	0.6904	0.3799	0.8309
cas_N6512_rdkit_RDKITFP		0.6390	0.3610	0.6369	0.2738	0.8923
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
cdc_diabetes		0.8507	0.0995	0.4272	0.1931	0.3050
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6995	0.3005	0.6665	0.3326	0.8387
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9614	0.0386	0.7574	0.5133	0.5384
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9261	0.0739	0.6018	0.2036	0.6409
census10%		0.9485	0.0515	0.7232	0.4175	0.4990
cervical-B		0.9419	0.0581	0.7589	0.5147	0.5542
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9535	0.0465	0.7962	0.5764	0.5664
cervical-S		0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia		0.7595	0.1202	0.6792	0.6289	0.2968
chrom19		0.9992	0.0008	0.7133	0.2196	0.0459
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.7049	0.3330	0.3034
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
chronic-kidney		0.8855	0.1145	0.5200	0.0378	0.7095
churn		0.8550	0.1450	0.7504	0.4739	0.5872
churn-bigml		0.8764	0.1236	0.7549	0.5098	0.6468
ci900367j_MACCS		0.6526	0.3474	0.6510	0.2963	0.8554
circles		0.4730	0.0105	0.4969	0.4677	0.1216
cirrhosis		0.6905	0.2063	0.4903	0.4241	0.6389
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8185	0.0907	0.5814	0.7059	0.2593
climate		0.8889	0.1111	0.4706	-0.0519	0.7116
cm1		0.9000	0.1000	0.6431	0.2424	0.5963
cmc		0.5374	0.3084	0.5107	0.2687	0.7158
cnae-9		0.8148	0.0412	0.8204	0.7917	0.1736
codon_usage		0.8580	0.0258	0.5688	0.8255	0.1662
coil20		0.5347	0.0465	0.5131	0.5105	0.2537
college		0.8831	0.1169	0.8507	0.7009	0.5266
collins		0.4000	0.0800	0.2651	0.3310	0.3507
colon-tumor		0.3333	0.6667	0.3750	-0.2000	0.9308
colposcopies-1		0.6207	0.3793	0.6328	0.2494	0.8405
colposcopies-2		0.6897	0.3103	0.7094	0.3944	0.7600
colposcopies-3		0.5517	0.4483	0.5556	0.1087	0.9445
colposcopies-4		0.6207	0.3793	0.5770	0.1493	0.8677
colposcopies-5		0.7241	0.2759	0.6445	0.2658	0.7266
colposcopies-6		0.6897	0.3103	0.6913	0.3741	0.8142
colposcopies-c		0.5862	0.4138	0.5288	0.0543	0.8522
column-2c		0.8710	0.1290	0.8634	0.7195	0.5250
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7380	0.2620	0.7380	0.4760	0.7682
coupon		0.7429	0.2571	0.7356	0.4687	0.7606
covtype10%		0.7360	0.0754	0.5405	0.5625	0.3139
covtypeCD		0.9786	0.0214	0.9536	0.9058	0.1655
covtypeT		0.9719	0.0281	0.8828	0.7556	0.2712
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9994	0.0006	0.9139	0.8258	0.2307
creditcard_trans10%		0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced		0.9069	0.0310	0.6837	0.8022	0.1942
cryotherapy		0.5556	0.4444	0.5791	0.1429	0.8961
cultivars		0.1875	0.0508	0.1034	0.1613	0.1800
customer-churn		0.9792	0.0208	0.5861	0.0352	0.2111
cybersecurity		0.1567	0.2811	0.1460	-0.0151	0.8782
cyclopentane		0.4815	0.5185	0.4916	-0.0161	0.9837
cylinder-bands		0.4074	0.5926	0.4005	-0.1983	1.0000
darwin		0.2778	0.7222	0.2764	-0.4444	1.0000
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dbworld		0.4286	0.5714	0.3000	0.0000	0.5288
default		0.8270	0.1730	0.7149	0.3937	0.6320
defect		0.9074	0.0926	0.8097	0.5931	0.4416
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9049	0.0951	0.7293	0.4304	0.5524
depressed		0.7762	0.2238	0.4731	-0.0443	0.8228
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.4553	0.2381	0.3542
df_final		0.1250	0.5833	0.0741	-0.1915	0.6159
DIA		0.7000	0.3000	0.5411	0.0769	0.8750
diabetes		0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-risk		0.8738	0.1262	0.7904	0.5611	0.5361
diabetic1%		0.4118	0.3922	0.3127	-0.0780	0.8144

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.8368	0.8350	0.1153
diamonds_all		0.6504	0.1399	0.5390	0.4860	0.4029
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-stanford		0.6000	0.4000	0.5833	0.1667	0.9308
dota2		0.5977	0.4023	0.5950	0.1893	0.9304
dota210%		0.5485	0.4515	0.5462	0.0924	0.9698
dropout		0.7494	0.1670	0.6591	0.5760	0.4843
drug-01		0.4255	0.1641	0.2030	0.1103	0.4533
drug-02		0.5213	0.1368	0.2054	0.1581	0.4635
drug-03		0.6809	0.1064	0.2036	0.1210	0.3960
drug-04		0.5372	0.1322	0.2050	0.1599	0.4215
drug-05		0.7287	0.0775	0.1601	0.0299	0.3478
drug-06		0.4149	0.1672	0.2184	0.2514	0.5335
drug-07		0.4149	0.1950	0.1514	0.0236	0.4582
drug-08		0.5532	0.1277	0.2189	0.1645	0.4388
drug-09		0.8723	0.0426	0.2287	0.0699	0.1127
drug-10		0.5479	0.1292	0.1666	0.1506	0.4393
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7872	0.0709	0.1468	-0.0070	0.2425
drug-13		0.6117	0.1109	0.1728	0.2485	0.3493
drug-14		0.5638	0.1246	0.2073	0.2071	0.4773
drug-15		0.7500	0.0714	0.1548	0.0820	0.3632
drug-16		0.5904	0.1365	0.3004	0.3117	0.4735
drug-17		0.3404	0.1885	0.1726	0.0792	0.4934
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7500	0.0714	0.1456	0.0160	0.3497
drybean		0.9229	0.0220	0.9370	0.9067	0.1208
ecoli		0.8529	0.0490	0.7174	0.7942	0.1536
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3000	0.3500	0.3002	0.0659	0.8149
eeg		0.3625	0.0797	0.2641	0.2856	0.5274
eeg-eye		0.7944	0.2056	0.7915	0.5808	0.6706
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5616	0.1753	0.5523	0.4322	0.4854
euthyroid		0.9589	0.0411	0.8733	0.7238	0.2268
exon.vs.intron-freq		0.9601	0.0399	0.9604	0.9202	0.2202
exon.vs.intron-freq10%		0.9573	0.0427	0.9576	0.9146	0.2327
fakenews		0.4575	0.5425	0.4573	-0.0854	1.0000
fbis-wc		0.0163	0.1157	0.0019	0.0000	0.3803
fertility		0.6000	0.4000	0.3750	-0.1765	0.5613
finance		0.8235	0.1765	0.8221	0.6394	0.6034
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2500	0.2143	0.1749	0.1176	0.4765
forest		0.8654	0.0673	0.8502	0.8126	0.1702
gas		0.9734	0.0089	0.9719	0.9677	0.0615
gastrointestinal		0.2500	0.5000	0.2281	-0.1294	0.8168
gender		0.6042	0.2639	0.3837	0.1543	0.5597
gene		0.8959	0.0694	0.8883	0.8337	0.2877
german		0.6400	0.3600	0.5890	0.1762	0.9067
gestures		0.6764	0.1618	0.6977	0.5687	0.4235
gina		0.7176	0.2824	0.7175	0.4349	0.7977
glass		0.6667	0.1111	0.5730	0.5333	0.2184
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassBWNFP			0.7143	0.2857	0.6786	0.3571	0.8215
glassContainers			0.9091	0.0909	0.7250	0.4500	0.6330
glassNW			1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware			0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP			0.9524	0.0476	0.8478	0.6441	0.5283
GlaucomaM			0.8421	0.1579	0.8427	0.6816	0.5635
glioma			0.0000	0.6667	0.0000	-0.6667	0.6023
glioma-grade			0.8095	0.1905	0.8028	0.6049	0.6503
green			0.4000	0.6000	0.4762	-0.0345	0.8322
grub-damage			0.5333	0.2333	0.5993	0.3598	0.3829
haberman			0.7333	0.2667	0.6323	0.2593	0.8242
hapt			0.9552	0.0075	0.6567	0.9468	0.0436
har			0.8313	0.0675	0.8291	0.7861	0.2872
har70			0.7747	0.0644	0.4459	0.6360	0.1613
har701%			0.7765	0.0638	0.4421	0.6421	0.1782
har7010%			0.7721	0.0651	0.4420	0.6307	0.1554
harth			0.6726	0.0546	0.2770	0.5252	0.2289
harth1%			0.6692	0.0551	0.2762	0.5202	0.2356
harth10%			0.6727	0.0546	0.2795	0.5254	0.2295
hayes-roth			0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival			0.6471	0.3529	0.6357	0.2714	0.8868
health-activity			0.7500	0.1250	0.2567	0.0204	0.3491
heart			0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack			0.8065	0.1935	0.8046	0.6092	0.6543
heart-c			0.6333	0.3667	0.6380	0.2396	0.8113
heart-failure			0.9180	0.0820	0.9039	0.8073	0.3992
heart-quantum			0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis			0.6667	0.3333	0.7359	0.3590	0.5170
hepmass1%			0.8540	0.1460	0.8542	0.7081	0.5501
hepmass10%			0.8538	0.1462	0.8540	0.7077	0.5506
hERG-121inputs			0.5714	0.4286	0.5458	0.0870	0.8810
hERG-64inputs			0.7143	0.2857	0.7742	0.4615	0.5283
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%			0.6827	0.3173	0.6807	0.3569	0.8343
higgs1%			0.6777	0.3223	0.6757	0.3455	0.8372
higgs10%			0.6836	0.3164	0.6820	0.3587	0.8314
higher			0.2857	0.1786	0.2143	0.1463	0.3443
hinselmann			0.5000	0.5000	0.5000	0.0000	0.7460
hitters			0.6562	0.3438	0.6536	0.3016	0.8626
hiv1-proteasa			0.8954	0.1046	0.8056	0.6085	0.5586
hiva			0.9125	0.0875	0.5296	0.0551	0.5484
horse			0.5278	0.3148	0.4789	0.2000	0.6913
hotel-reservartions			0.8456	0.1544	0.8199	0.6348	0.5793
hr			0.7649	0.2351	0.4970	-0.0060	0.7900
ht-sensor			0.7198	0.1868	0.7235	0.5801	0.5187
ht-sensor10%			0.6998	0.2001	0.7038	0.5504	0.5423
htru2			0.9782	0.0218	0.9315	0.8586	0.1794
hypothyroid			0.9469	0.0265	0.5697	0.6288	0.2279
hypothyroidT			0.9523	0.0477	0.8052	0.5683	0.3260
ilpd			0.6610	0.3390	0.5403	0.0767	0.9032
immuno-therapy			0.8889	0.1111	0.8784	0.7273	0.4644
instagram			0.9473	0.0263	0.9484	0.9298	0.0991
ionosphere			0.8000	0.2000	0.7559	0.4990	0.6704
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.4531	0.0421	0.4102	0.4313	0.2412
jm1			0.8200	0.1800	0.6420	0.1699	0.5433
jvowels			0.9398	0.0134	0.9384	0.9317	0.0812

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
kc1			0.8720	0.1280	0.7092	0.3454	0.5134
kc1-class-level-defectiveornot			0.3333	0.6667	0.3363	-0.3158	1.0000
kc1-class-level-numericdefect			0.6154	0.1538	0.2878	0.2935	0.3760
kc1-class-level-top5percentDF			0.8000	0.2000	0.4444	-0.0976	0.5661
kc2			0.7500	0.2500	0.6126	0.2248	0.8173
kddcup981%			0.2526	0.7474	0.5669	0.0274	0.1666
kddcup991%			0.0020	0.1535	0.0003	0.0000	0.2182
kepler			0.8724	0.0851	0.8284	0.7893	0.2220
kidney			0.7984	0.0806	0.1778	0.0046	0.1991
kidney-disease			1.0000	0.0000	1.0000	1.0000	0.0000
krkopt			0.3512	0.0721	0.1745	0.2579	0.4526
krvskp			0.9969	0.0031	0.9969	0.9937	0.0271
labor			0.6667	0.3333	0.6250	0.2500	0.8750
leaf			0.5294	0.0409	0.4510	0.5055	0.1224
led24			0.6000	0.0889	0.6609	0.5518	0.1951
lenses			0.3333	0.4444	0.2222	0.0000	0.3451
letter			0.3875	0.0471	0.3201	0.3620	0.3346
libra			0.4167	0.0778	0.3489	0.3742	0.2208
linkage			1.0000	0.0000	0.9978	0.9957	0.0003
linkage1%			0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%			1.0000	0.0000	1.0000	1.0000	0.0000
liver			0.7353	0.2647	0.7051	0.4093	0.7890
loan			0.9742	0.0258	0.9726	0.9451	0.1664
localization			0.3950	0.1100	0.1141	0.1388	0.3986
localization10%			0.4812	0.0943	0.1480	0.2943	0.3899
lrs			0.6604	0.0970	0.3946	0.5431	0.3485
lung			0.2857	0.2857	0.1043	-0.0825	0.5344
lung_discrete			0.5000	0.2000	0.3429	0.3600	0.2269
lung-cancer			0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-ontario			0.3333	0.6667	0.2500	0.0000	0.5000
lupus			0.8889	0.1111	0.8953	0.7692	0.3145
lymphography			0.7143	0.1905	0.7833	0.4717	0.3897
lymphoma2			0.5556	0.1481	0.5385	0.4545	0.2474
machine-failure			0.9149	0.0851	0.9152	0.8273	0.3841
madelon			0.5154	0.4846	0.5155	0.0308	0.9896
magic04			0.8601	0.1399	0.8439	0.6778	0.5119
malware			0.9730	0.0270	0.9554	0.9068	0.0972
mammography			0.8229	0.1771	0.8221	0.6440	0.6197
marketing			0.8750	0.1250	0.7212	0.4312	0.6355
maternal			0.6238	0.2508	0.6216	0.4218	0.5522
math			0.7000	0.1500	0.6118	0.5156	0.3772
mba			0.8145	0.1237	0.3655	0.0746	0.3940
mental-disorders			0.6667	0.1667	0.6789	0.5556	0.3159
mental-health			0.2133	0.3147	0.2126	0.0162	0.8589
messidor			0.7217	0.2783	0.7184	0.4364	0.7933
meter-A			0.7500	0.2500	0.8000	0.5294	0.5000
meter-B			0.8889	0.0741	0.9106	0.8235	0.1370
meter-C			0.7778	0.1111	0.6206	0.6828	0.2402
meter-D			0.5000	0.2500	0.4546	0.2895	0.4015
mfeat-fac			0.9700	0.0060	0.9704	0.9667	0.0332
mfeat-fou			0.8050	0.0390	0.8097	0.7833	0.1594
mfeat-kar			0.9550	0.0090	0.9559	0.9500	0.0542
mfeat-mor			0.7400	0.0520	0.7257	0.7111	0.1596
mfeat-pix			0.9350	0.0130	0.9374	0.9278	0.0810
mfeat-zer			0.8350	0.0330	0.8419	0.8167	0.1337
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.9434	0.0377	0.9337	0.9131	0.1271
mines			0.5000	0.2000	0.4236	0.3731	0.3544

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mobile		0.2692	0.0261	0.2315	0.2558	0.2555
monks-1		0.8727	0.1273	0.8849	0.7442	0.3522
monks-2		0.7377	0.2623	0.7034	0.4056	0.7899
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4844	0.0937	0.4439	0.3703	0.5009
musk		0.9939	0.0061	0.9884	0.9764	0.0290
MUT_ci300400a_cdk_ECFP4		0.7126	0.2874	0.7054	0.4107	0.8085
MUT_ci300400a_cdk_ECFP6		0.6922	0.3078	0.6857	0.3712	0.8332
MUT_ci300400a_cdk_EXTENDED		0.7410	0.2590	0.7388	0.4756	0.7611
MUT_ci300400a_cdk_FCFP2		0.7952	0.2048	0.7882	0.5758	0.6785
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.7110	0.2890	0.7060	0.4113	0.8076
MUT_ci300400a_cdk_MACCS		0.7854	0.2146	0.7776	0.5541	0.6949
MUT_ci300400a_cdk_STANDARD		0.7569	0.2431	0.7491	0.4981	0.7452
MUT_ci300400a_rdkit_descriptors		0.5739	0.4261	0.3646	0.0000	0.5103
myocardial		0.8235	0.0441	0.3215	0.3125	0.4497
naticusdroid		0.9662	0.0338	0.9663	0.9325	0.1969
NCI60		0.1667	0.2778	0.1667	0.0000	0.2823
ncRNA1%		0.8778	0.0129	0.2346	0.6243	0.1623
ncRNA10%		0.8763	0.0130	0.2406	0.6194	0.1676
neo		0.9066	0.0934	0.6396	0.1295	0.3876
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6579	0.3421	0.6553	0.3097	0.8712
NHANES_age_prediction		0.9604	0.0396	0.9234	0.8347	0.1252
nomao		0.9605	0.0395	0.9513	0.9026	0.2436
NPHA-doctor-visits		0.5278	0.3148	0.4796	0.1159	0.5785
nursery		0.9630	0.0185	0.8920	0.9455	0.0878
obesity		0.8057	0.0555	0.8019	0.7732	0.2115
obs		0.9630	0.0185	0.9660	0.9451	0.0883
occupancy		0.9878	0.0122	0.9833	0.9663	0.1347
Occupancy_Estimation		0.9931	0.0035	0.9779	0.9788	0.0161
oh15-wc		0.0761	0.1848	0.0141	0.0000	0.3996
olive		0.9298	0.0156	0.8998	0.9130	0.0393
opn310k		0.9079	0.0921	0.4759	-0.0023	0.2880
opn310k10%		0.8913	0.1087	0.4971	-0.0038	0.6640
opnat310k-hg16-17		0.9081	0.0919	0.5264	0.0034	0.2874
optdigits		0.9377	0.0125	0.9401	0.9308	0.0857
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0750	0.0462	0.0514	0.0513	0.2726
ozone1hr		0.9526	0.0474	0.6144	0.2259	0.6120
ozone8hr		0.8854	0.1146	0.5314	0.0614	0.7032
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7577	0.2423	0.7333	0.4662	0.7569
P-Glycoprotein_c_RDkit_AtomPair_FP		0.6032	0.3968	0.6174	0.2205	0.8788
page-blocks		0.9671	0.0132	0.6811	0.7862	0.0414
parkinson		0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons		0.8720	0.1280	0.8627	0.7235	0.5090
parkinsons-small		0.8421	0.1579	0.8508	0.6587	0.4882
particle		0.9320	0.0680	0.9153	0.8306	0.3693
particle10%		0.9277	0.0723	0.9106	0.8213	0.3893
pasture		0.2500	0.5000	0.1667	-0.2000	0.5000
pc1		0.9189	0.0811	0.6396	0.2671	0.6352
pcmac		0.5155	0.4845	0.5157	0.0309	0.9746
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.3684	0.6316	0.4432	-0.0787	0.7889
pendigits		0.9236	0.0153	0.9230	0.9150	0.0973

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
period			0.2222	0.7778	0.2500	-0.4000	0.9533
period-10f			0.3333	0.6667	0.4044	-0.1250	0.8750
persistency			0.7609	0.2391	0.7397	0.4761	0.7415
pet-adoption			0.9200	0.0800	0.9088	0.8119	0.3381
phishing			0.9714	0.0286	0.9700	0.9399	0.1774
PhiUSIIL10%			0.9966	0.0034	0.9965	0.9931	0.0317
phone-acc0.1%			0.1072	0.2551	0.0735	-0.0421	0.6774
phone-acc1%			0.7051	0.0843	0.6525	0.6538	0.2344
phone-gyr0.1%			0.1371	0.2465	0.0345	0.0000	0.4035
phone-gyr1%			0.5580	0.1263	0.5307	0.4814	0.3629
phoneme			0.8278	0.1722	0.7851	0.5700	0.6562
phy			0.7172	0.2828	0.7172	0.4343	0.7980
pima			0.7368	0.2632	0.7191	0.4081	0.7142
pirvision			0.9811	0.0126	0.9662	0.9389	0.0883
placement			0.8010	0.1990	0.7942	0.5871	0.6644
plant-growth			0.4211	0.5789	0.4222	-0.1547	1.0000
plrx			0.3889	0.6111	0.2800	-0.4348	0.9414
poker			0.5452	0.1011	0.1226	0.1233	0.2660
poker1%			0.5278	0.1349	0.1534	0.1028	0.3154
poker10%			0.5426	0.1143	0.1373	0.1198	0.2825
polish-1st			0.9573	0.0427	0.4891	-0.0077	0.4435
polish-2nd			0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd			0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th			0.9398	0.0602	0.5386	0.0458	0.5393
polish-5th			0.9391	0.0609	0.6994	0.3323	0.4539
polya			0.7254	0.2746	0.6953	0.3894	0.8038
popularity			0.6653	0.2231	0.4169	0.2231	0.4666
post-operative			0.3333	0.6667	0.2500	-0.5000	1.0000
postures			0.8877	0.0449	0.8882	0.8595	0.2010
pred-tox_mutagen_ref-desc			0.6471	0.3529	0.6494	0.2941	0.8709
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4545	0.0839	0.3511	0.3825	0.2905
processed			0.9927	0.0073	0.9917	0.9833	0.0508
profb			0.5821	0.4179	0.5582	0.1143	0.9132
promoters			0.4000	0.6000	0.4477	-0.0714	0.9013
puc-rio			0.8089	0.0764	0.7569	0.7396	0.2734
puc-rio10%			0.8884	0.0447	0.8246	0.8484	0.1809
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5029	0.4971	0.5029	0.0058	0.9983
pufs-6410%			0.5032	0.4968	0.5032	0.0063	0.9982
pulsar			0.9785	0.0215	0.9329	0.8616	0.1743
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
rice			0.9868	0.0132	0.9867	0.9733	0.0892
rocket			0.6560	0.3440	0.6393	0.2779	0.8799
satimage			0.8367	0.0544	0.7898	0.7962	0.1932
satimageF			0.9891	0.0109	0.9718	0.9435	0.1479
satimageT			0.9098	0.0902	0.6853	0.2138	0.3433
scadi			0.0000	0.4000	0.0000	-0.2250	0.5136
schiller			0.6667	0.3333	0.7404	0.3721	0.5239
schizo			0.4706	0.5294	0.4697	-0.0588	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.7821	0.2179	0.5693	0.1028	0.5120
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9177	0.0235	0.9262	0.9038	0.0869
segmentation			0.7970	0.2030	0.7795	0.5590	0.6890
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-10-gram			0.8084	0.1916	0.5540	0.1071	0.7765
sens-2-gram			0.6395	0.3605	0.4833	-0.0280	0.6811
sens-3-gram			0.7447	0.2553	0.5268	0.0520	0.7474
sens-4-gram			0.7079	0.2921	0.5283	0.0517	0.7149
sens-5-gram			0.7132	0.2868	0.5571	0.1027	0.7029
sens-6-gram			0.7368	0.2632	0.5825	0.1510	0.7071
sens-7-gram			0.7632	0.2368	0.5225	0.0447	0.7646
sens-8-gram			0.7158	0.2842	0.4515	-0.0950	0.7550
sens-9-gram			0.8053	0.1947	0.5513	0.1022	0.7744
sensorless			0.8243	0.0319	0.8337	0.8067	0.1415
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8946	0.1054	0.7712	0.5165	0.5195
shuttle			0.9753	0.0070	0.4149	0.9281	0.0339
sick			0.9576	0.0424	0.8023	0.5791	0.3855
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9703	0.0297	0.9577	0.9133	0.2631
skin10%			0.9677	0.0323	0.9539	0.9058	0.2760
smarket			0.9600	0.0400	0.9601	0.9200	0.2250
smart-farming			0.3000	0.3500	0.2929	0.0682	0.7888
smoking			0.7614	0.2386	0.7476	0.4944	0.7425
soil_pollution			0.2000	0.3200	0.2002	-0.0014	0.8638
solar-flare			0.7554	0.0815	0.6981	0.6855	0.1853
sonar			0.5000	0.5000	0.5000	0.0000	1.0000
soybean			0.7647	0.0248	0.4659	0.7390	0.0882
spam-detection			0.9500	0.0500	0.8376	0.6683	0.4245
spambase			0.9130	0.0870	0.9087	0.8161	0.3887
spect			0.6296	0.3704	0.5218	0.0426	0.8561
spectf			0.7714	0.2286	0.7380	0.4717	0.7358
spectrometer			0.1346	0.0641	0.0267	0.0711	0.3442
splice-EI			0.9527	0.0473	0.9407	0.8791	0.3179
splice-IE			0.8833	0.1167	0.8408	0.6813	0.5542
sport-articles			0.7500	0.2500	0.7238	0.4420	0.7566
squash-stored			0.4000	0.4000	0.4706	0.1667	0.3335
squash-unstored			0.4000	0.6000	0.4167	-0.1538	0.9932
startup			0.9785	0.0215	0.9773	0.9537	0.1496
steel_industry			0.7999	0.1334	0.7555	0.6752	0.3876
steel-b			0.8410	0.1590	0.7465	0.4893	0.6674
steel-d			0.9641	0.0359	0.6738	0.3453	0.5805
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.8154	0.1846	0.7924	0.5821	0.6493
steel-p			0.9282	0.0718	0.7091	0.3829	0.5270
steel-s			0.5641	0.4359	0.5513	0.0326	0.2506
steel-z			0.9538	0.0462	0.8788	0.7549	0.4647
stellar			0.9242	0.0505	0.9160	0.8639	0.2183
stock			0.8611	0.1389	0.7653	0.5306	0.6507
stockb			0.9692	0.0206	0.9704	0.9538	0.0665
streaming			0.9360	0.0640	0.9352	0.8704	0.3175
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6300	0.1480	0.3506	0.3982	0.4282
student-habits			0.2800	0.2880	0.2007	-0.1213	0.5540
student-weekend			0.3692	0.2523	0.3113	0.1373	0.6927
student-workday			0.6562	0.1375	0.2724	0.1903	0.4912
studentap			0.2308	0.5128	0.2131	-0.1207	0.7358
susy			0.7979	0.2021	0.7979	0.5871	0.6423
susy1%			0.8046	0.1954	0.8042	0.6015	0.6352
susy10%			0.7994	0.2006	0.7992	0.5906	0.6424

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tae			0.4000	0.4000	0.4727	0.1000	0.6236
telco-churn			0.9432	0.0568	0.9261	0.8513	0.3140
texture			0.8855	0.0208	0.8757	0.8742	0.0378
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7872	0.2128	0.5804	0.1607	0.7805
Thyroid_Diff			0.8947	0.1053	0.8683	0.7295	0.4423
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8070	0.1930	0.7389	0.4778	0.7147
tis10%			0.5075	0.4925	0.4999	-0.0002	0.8322
titanic			0.8136	0.1864	0.7881	0.5021	0.4299
tourist			0.3750	0.2500	0.2727	0.2000	0.3572
toxicity			0.7059	0.2941	0.6913	0.3796	0.8113
toxicity-13f			0.5294	0.4706	0.4848	-0.0303	0.9755
trains			0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion			0.7200	0.2800	0.5416	0.0741	0.8524
trec23-wc			0.0476	0.3175	0.0152	0.0000	0.3614
tuandromd			0.9753	0.0247	0.9613	0.9225	0.1889
turkish			0.6750	0.1625	0.6860	0.5667	0.4764
tvnews1%			0.7462	0.2538	0.7313	0.4620	0.7662
tvnews10%			0.8928	0.1072	0.8841	0.7680	0.4648
ur3_cobotops_grip			0.9646	0.0354	0.4910	-0.0050	0.3829
ur3_cobotops_stop			0.9633	0.0367	0.6066	0.0642	0.2720
urban			0.6567	0.0763	0.5651	0.5959	0.3028
urinalysis			0.8881	0.1119	0.5739	0.1424	0.6234
vehicle			0.7857	0.1071	0.7592	0.7125	0.1588
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.5000	0.5000	0.5625	0.1000	0.8250
vote			0.8837	0.1163	0.8842	0.7676	0.4739
vowel			0.5455	0.0826	0.5223	0.5000	0.2092
vowelZ			0.9192	0.0808	0.7074	0.3889	0.5621
vrnormat310k-hg16-17			0.9269	0.0731	0.7315	0.4148	0.4730
warpar10p			0.0769	0.1846	0.0286	0.0000	0.3139
warppie10p			0.0952	0.1810	0.0400	0.0000	0.4216
watch-acc1%			0.4660	0.1526	0.4599	0.3713	0.5129
watch-acc10%			0.6994	0.0859	0.6812	0.6476	0.2846
watch-gyr1%			0.1968	0.2295	0.2089	0.0668	0.6633
watch-gyr10%			0.7073	0.0836	0.6884	0.6578	0.2687
water_pollution			0.2700	0.3650	0.2762	0.0275	0.8417
waveform			0.8300	0.1133	0.8304	0.7450	0.3821
weather-related			0.9173	0.0150	0.9048	0.9061	0.0703
web-phishing			0.8370	0.1086	0.6716	0.7049	0.4426
Weekly			0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift			0.9585	0.0166	0.9556	0.9474	0.0782
white-clover			0.6667	0.3333	0.6250	0.2500	0.8750
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9772	0.0228	0.8667	0.7202	0.2776
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.6352	0.1216	0.3010	0.4036	0.3831
winequality-white			0.5194	0.1602	0.2952	0.2432	0.4995
winnipeg10%			0.9893	0.0031	0.9794	0.9864	0.0230
wisc_bc			0.8772	0.1228	0.8670	0.7335	0.5056
yale			0.0000	0.1333	0.0000	-0.0667	0.3709
yeast			0.5405	0.1021	0.4129	0.4034	0.3825
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
zip		0.9183	0.0163	0.9105	0.9083	0.1139	

Table 164: Detailed results for PPforest

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.8301	0.1699	0.4536	-0.0139	0.0910
abalone9-18		0.8493	0.1507	0.7503	0.3662	0.4565
accelerometer		0.7371	0.2629	0.6371	0.0753	0.1667
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.8490	0.1510	0.5019	0.0029	0.4633
AID_652128		0.7172	0.1886	0.3112	-0.0244	0.6025
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.7947	0.2053	0.6185	0.0199	0.0475
AID604AID644_AllRed		0.9045	0.0955	0.4749	-0.0020	0.0208
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.9746	0.0254	0.6000	0.0221	0.0514
AID687red		0.8654	0.1346	0.5168	0.0030	0.0505
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.9470	0.0530	0.5634	0.0105	0.0395
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8404	0.1596	0.7896	0.5785	0.6489
air_pollution		0.1000	0.2571	0.1420	-0.0073	0.8163
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8542	0.1457	0.8521	0.7041	0.5548
alcohol		0.7810	0.0876	0.4009	0.5410	0.4627
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8465	0.1535	0.8394	0.6749	0.5795
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.8971	0.1029	0.6861	0.1260	0.1866
anuran-family		0.9110	0.0445	0.8576	0.8344	0.3328
anuran-genus		0.9318	0.0170	0.8586	0.8887	0.2121
anuran-species		0.9472	0.0106	0.8981	0.9260	0.0836
anxiety		0.1000	0.2000	0.0838	-0.0168	0.7567
apple-quality		0.6750	0.3250	0.6756	0.3500	0.8491
aps-failure		0.9886	0.0114	0.8436	0.6868	0.4566
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.7304	0.2696	0.7003	0.3159	0.5741
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.3943	0.1009	0.3859	0.2825	0.7533
babies		0.1855	0.2327	0.2611	0.0614	0.6225
balance		0.7258	0.1828	0.6663	0.5701	0.3928
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.8978	0.1022	0.8991	0.7951	0.4295
bankruptcy		0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.4975	0.5025	0.4993	-0.0003	0.6737
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.3810	0.6190	0.2759	0.0000	0.5189
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0761	0.2640	0.2189	0.0066	0.0631
bitcoin10%		0.0609	0.1707	0.1631	0.0066	0.0688
body-perf		0.5806	0.2097	0.5762	0.4408	0.5006
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5120	0.4880	0.5120	0.0240	0.9931
breast-cancer		0.2857	0.7143	0.2222	0.0000	0.4711
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.2750	0.4833	0.3308	-0.0087	0.7562
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.8060	0.1940	0.7872	0.5699	0.6714
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.7700	0.0460	0.7563	0.7305	0.3084
cardiotocography-nsp		0.8545	0.0970	0.7885	0.6680	0.4732
cardiovascular		0.6531	0.3469	0.6533	0.3062	0.8755
cargo2k		0.3477	0.4349	0.2250	0.0061	0.3443
cars		0.7000	0.2000	0.6111	0.4850	0.5534
cas_N6512_cdk_ECFP2		0.4823	0.5177	0.5252	0.0255	0.7798
cas_N6512_rdkit_ATOMPAIR		0.7231	0.2769	0.7226	0.4447	0.7892
cas_N6512_RDkit_AtomPair_FP		0.7255	0.2745	0.7280	0.4527	0.7771
cas_N6512_rdkit_AVALON		0.7773	0.2227	0.7774	0.5538	0.7035
cas_N6512_RDkit_Avalon_FP		0.7991	0.2009	0.8007	0.5987	0.6587
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.5084	0.4916	0.5451	0.0639	0.8446
cas_N6512_RDkit_Featmorgan_FP		0.4877	0.5123	0.5256	0.0304	0.8168
cas_N6512_RDkit_FP		0.7531	0.2469	0.7528	0.5050	0.7444
cas_N6512_rdkit_LAYERED		0.4846	0.5154	0.4958	-0.0079	0.9754
cas_N6512_RDkit_Layered_FP		0.4647	0.5353	0.4742	-0.0484	0.9905
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.7815	0.2185	0.7814	0.5621	0.6969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.7791	0.2209	0.7798	0.5582	0.6984
cas_N6512_rdkit_PATTERN		0.4600	0.5400	0.3151	-0.0031	0.5548
cas_N6512_RDkit_pattern_FP		0.4601	0.5399	0.3151	-0.0031	0.5548
cas_N6512_rdkit_RDKITFP		0.7573	0.2427	0.7568	0.5132	0.7383
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.7412	0.1726	0.4628	0.2948	0.5923
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8342	0.1658	0.8262	0.6485	0.6062
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.7500	0.4000	0.5283
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9671	0.0329	0.6703	0.0508	0.0754
chrom191%		0.9547	0.0453	0.6725	0.0472	0.0695
chrom1910%		0.9699	0.0301	0.6706	0.0603	0.0899
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.8193	0.1807	0.6793	0.2944	0.5657
churn		0.6960	0.3040	0.6584	0.2874	0.7331
churn-bigml		0.8427	0.1573	0.7611	0.4976	0.6431
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.6340	0.0073	0.6450	0.6303	0.0991
cirrhosis		0.3810	0.4127	0.1839	0.0000	0.3169
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.0500	0.4750	0.0946	-0.2367	0.4823
climate		0.8889	0.1111	0.8024	0.5207	0.5239
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.8200	0.1800	0.5411	0.0816	0.7182
cmc		0.4626	0.3583	0.4651	0.1959	0.7541
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8173	0.0332	0.7098	0.7788	0.2616
coil20		0.8403	0.0160	0.8338	0.8318	0.0848
college		0.9221	0.0779	0.9055	0.8092	0.4196
collins		0.0600	0.1253	0.0075	0.0000	0.3924
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6897	0.3103	0.6650	0.3290	0.8399
colposcopies-2		0.6552	0.3448	0.6338	0.2677	0.8814
colposcopies-3		0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4		0.5517	0.4483	0.4972	-0.0053	0.9054
colposcopies-5		0.8276	0.1724	0.7217	0.4402	0.7050
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.7586	0.2414	0.6545	0.3072	0.7986
column-2c		0.8387	0.1613	0.8362	0.6578	0.5744
column-3c		0.8065	0.1290	0.8023	0.6890	0.3527
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7788	0.2212	0.7801	0.5580	0.6962
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3219	0.1937	0.2242	0.1021	0.6692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.5500	0.2250	0.5911	0.4000	0.2787
creditcard_trans		0.9994	0.0006	0.9045	0.8082	0.2814
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8221	0.0593	0.6977	0.6746	0.4159
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.3438	0.0328	0.2231	0.3226	0.1428
customer-churn		0.7924	0.2076	0.6503	0.1115	0.2238
cybersecurity		0.1667	0.2778	0.1753	-0.0027	0.8260
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.6667	0.3333	0.6866	0.3333	0.7578
datatrieve		0.6923	0.3077	0.6977	0.2353	0.3900
dating		0.0982	0.1804	0.0971	-0.0021	0.8505
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7190	0.2810	0.6605	0.3077	0.7711
defect		0.7716	0.2284	0.7265	0.4031	0.6427
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8708	0.1292	0.7216	0.4384	0.6676
depressed		0.6294	0.3706	0.5994	0.1613	0.6847
dermatology		0.1622	0.2793	0.0571	-0.0186	0.4030
desharnais		0.3750	0.4167	0.3158	0.0244	0.6574
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.3846	0.6154	0.2778	0.0000	0.5200
diabetes-100k		0.9140	0.0860	0.7916	0.5617	0.5918
diabetes-risk		0.7851	0.2149	0.7530	0.4746	0.6658
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.3468	0.4355	0.3376	0.0029	0.7488
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.5260	0.1896	0.4168	0.3381	0.6123
dishonest		0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.5000	0.5000	0.3333	-0.3333	0.9308
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota210%		0.5223	0.4777	0.5218	0.0437	0.9858
drebin		0.9641	0.0359	0.9615	0.9229	0.2177
dropout		0.7585	0.1610	0.6943	0.6089	0.4787
drug-01		0.2340	0.2188	0.2599	0.0865	0.7863
drug-02		0.4202	0.1657	0.3328	0.2333	0.7109
drug-03		0.4202	0.1657	0.1976	0.1356	0.6211
drug-04		0.3989	0.1717	0.3065	0.1939	0.7082
drug-05		0.2553	0.2128	0.2334	0.0330	0.6019
drug-06		0.3564	0.1839	0.3220	0.2354	0.6229
drug-07		0.2021	0.2280	0.1389	0.0256	0.7295
drug-08		0.4096	0.1687	0.1969	0.1365	0.8571
drug-09		0.6596	0.0973	0.1717	0.1208	0.6434
drug-10		0.4202	0.1657	0.2593	0.1630	0.7828
drug-11		0.6277	0.1064	0.1895	0.1439	0.7116

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-12		0.5266	0.1353	0.2406	0.1378	0.6488
drug-13		0.4840	0.1474	0.2024	0.2039	0.7065
drug-14		0.5372	0.1322	0.3601	0.2928	0.6809
drug-15		0.4415	0.1596	0.1407	0.0569	0.7717
drug-16		0.5053	0.1413	0.2823	0.2878	0.6243
drug-17		0.2766	0.2067	0.2578	0.1204	0.7696
drug-18		0.9202	0.0798	0.4792	-0.0100	0.1164
drug-19		0.4521	0.1565	0.1817	0.1341	0.7220
drybean		0.9118	0.0252	0.9260	0.8932	0.1360
ecoli		0.8235	0.0441	0.5434	0.7551	0.1271
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7791	0.5237	0.6384
ecoliMU		0.7576	0.2424	0.6474	0.2281	0.5602
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2700	0.3650	0.2705	0.0277	0.8412
eeg		0.2533	0.0933	0.3116	0.2032	0.6858
eeg-eye		0.5781	0.4219	0.5781	0.1555	0.9419
eeg10%		0.1861	0.1017	0.2692	0.1495	0.5816
email_phishing		0.7130	0.2870	0.5221	0.0078	0.1230
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq		0.8788	0.1212	0.8824	0.7586	0.4636
exon.vs.intron-freq10%		0.8740	0.1260	0.8771	0.7489	0.4812
fakenews		0.5350	0.4650	0.5352	0.0703	0.9782
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.2846	0.0842	0.1451	0.2050	0.4085
fertility		0.4000	0.6000	0.2857	-0.2000	0.4911
finance		0.8824	0.1176	0.8844	0.7587	0.4271
financial-risk		0.6805	0.1065	0.5977	0.5066	0.3857
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
forest		0.9038	0.0481	0.8722	0.8669	0.1441
gas		0.9784	0.0072	0.9793	0.9738	0.0499
gastrointestinal		0.1875	0.5417	0.1053	0.0000	0.4117
gender		0.4674	0.3551	0.4582	0.1541	0.7063
gene		0.8927	0.0715	0.8857	0.8310	0.2720
german		0.3500	0.6500	0.2593	0.0000	0.5077
gestures		0.3236	0.3382	0.3248	0.0986	0.7345
gina		0.8905	0.1095	0.8908	0.7807	0.4545
glass		0.5714	0.1429	0.5044	0.4392	0.3731
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.7619	0.2381	0.8077	0.5494	0.4929
glassBWNFP		0.6190	0.3810	0.6734	0.2941	0.7328
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.7727	0.2273	0.7019	0.2254	0.3467
glassVWFP		0.6190	0.3810	0.6557	0.1250	0.2575
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.6000	0.2000	0.3947	0.4118	0.1078
glioma-grade		0.4167	0.5833	0.2941	0.0000	0.5271
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.6591	0.3182	0.8145
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.6758	0.1297	0.6738	0.5894	0.4697

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har70		0.4990	0.1431	0.4752	0.3979	0.3946
har701%		0.5655	0.1241	0.4393	0.4480	0.4094
har7010%		0.5011	0.1425	0.4747	0.3974	0.3960
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.5790	0.0702	0.2707	0.4270	0.4504
harth10%		0.5722	0.0713	0.2641	0.4154	0.4574
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.5882	0.4118	0.3704	0.0000	0.5049
health-activity		0.2900	0.3550	0.3761	0.0660	0.5386
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.4667	0.5333	0.3182	0.0000	0.5307
heart-failure		0.7920	0.2080	0.7751	0.5440	0.6894
heart-quantum		0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis		0.8000	0.2000	0.8077	0.5455	0.5283
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8270	0.1730	0.8273	0.6537	0.6078
hepmass10%		0.8236	0.1764	0.8241	0.6470	0.6134
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6318	0.3682	0.6305	0.2611	0.8992
higgs1%		0.6213	0.3787	0.6185	0.2366	0.9096
higgs10%		0.6255	0.3745	0.6230	0.2455	0.9054
higher		0.2143	0.1964	0.1529	0.0667	0.3525
hinselmann		0.4000	0.6000	0.2857	-0.3636	0.7910
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8954	0.1046	0.8410	0.6714	0.5595
hiva		0.9622	0.0378	0.4904	-0.0045	0.3546
horse		0.3056	0.4630	0.2848	0.0769	0.5607
hotel-reservartions		0.7814	0.2186	0.7731	0.5362	0.6907
hr		0.6737	0.3263	0.5071	0.0127	0.7128
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5103	0.3264	0.5223	0.2745	0.6710
htru2		0.9737	0.0263	0.9165	0.8255	0.1938
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.5932	0.4068	0.6153	0.2036	0.8012
immuno-therapy		0.7778	0.2222	0.8000	0.5263	0.5283
instagram		0.8980	0.0510	0.9033	0.8640	0.1581
ionosphere		0.8571	0.1429	0.8309	0.6602	0.5698
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.9358	0.0049	0.9369	0.9332	0.0587
jm1		0.7521	0.2479	0.6427	0.2815	0.7792
jvowels		0.8875	0.0250	0.8816	0.8726	0.1469
kc1		0.7725	0.2275	0.6452	0.2801	0.7373
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.7219	0.4233	0.7104
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kidney		0.2201	0.3120	0.1998	0.0044	0.5687
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.1804	0.0911	0.2565	0.1186	0.6903
krvskp		0.4765	0.5235	0.3227	0.0000	0.5304
la1s-wc		0.2317	0.2561	0.0627	0.0000	0.3731
la2s-wc		0.2517	0.2494	0.0670	0.0000	0.3690
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5000	0.0250	0.2675	0.4774	0.0749
led24		0.6500	0.0700	0.6149	0.6045	0.1488
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.6150	0.0296	0.6219	0.5994	0.3080
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.4286	0.5714	0.3000	0.0000	0.5288
libra		0.6944	0.0407	0.7027	0.6727	0.1128
linkage1%		0.9976	0.0024	0.8807	0.7396	0.4958
linkage10%		0.9981	0.0019	0.9022	0.7868	0.4689
liver		0.7059	0.2941	0.7202	0.4118	0.7325
loan		0.9415	0.0585	0.9410	0.8782	0.2985
localization		0.0187	0.1784	0.0746	0.0008	0.3543
localization10%		0.0316	0.1761	0.0056	0.0000	0.3472
lrs		0.8113	0.0377	0.4168	0.7402	0.1676
lung		0.7619	0.0952	0.8914	0.6404	0.1196
lung_discrete		0.0000	0.2857	0.0000	-0.1034	0.2947
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9149	0.0851	0.9152	0.8273	0.3841
madelon		0.5846	0.4154	0.5859	0.1692	0.9340
magic04		0.7491	0.2509	0.7133	0.4182	0.7595
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.5312	0.4688	0.3469	0.0000	0.5228
marketing		0.6473	0.3527	0.6513	0.2264	0.5961
maternal		0.5644	0.2904	0.5664	0.3407	0.6139
math		0.7250	0.1375	0.6764	0.5849	0.4085
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.2100	0.3160	0.2232	0.0135	0.8182
messidor		0.7043	0.2957	0.7302	0.4275	0.7190
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		0.2222	0.5185	0.1212	0.0000	0.4199
meter-C		0.3333	0.3333	0.1250	0.0000	0.3773
meter-D		0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac		0.9300	0.0140	0.9368	0.9222	0.0693
mfeat-fou		0.8150	0.0370	0.8169	0.7944	0.1707
mfeat-kar		0.9750	0.0050	0.9754	0.9722	0.0317
mfeat-mor		0.6850	0.0630	0.6870	0.6500	0.2171
mfeat-pix		0.1000	0.1800	0.0667	0.0000	0.2517
mfeat-zer		0.7900	0.0420	0.7929	0.7667	0.1313
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.6509	0.2327	0.6814	0.4856	0.4498
mines		0.4412	0.2235	0.3801	0.3001	0.4336
mobile		0.6364	0.0130	0.6940	0.6297	0.1392
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-2		0.4098	0.5902	0.3734	-0.2506	0.9957
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.3944	0.1101	0.4635	0.3135	0.5574
musk		0.9182	0.0818	0.8355	0.6683	0.4940
MUT_ci300400a_cdk_ECFP2		0.5048	0.4952	0.5322	0.0575	0.9256
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.6163	0.3837	0.6431	0.2627	0.8332
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_STANDARD		0.7760	0.2240	0.7725	0.5440	0.7097
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6433	0.3567	0.6422	0.2843	0.8873
NHANES_age_prediction		0.8943	0.1057	0.8632	0.6882	0.5000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.3056	0.4630	0.3149	-0.0366	0.7867
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.4630	0.2685	0.1582	0.0000	0.3435
occupancy		0.9713	0.0287	0.9627	0.9226	0.2395
Occupancy_Estimation		0.9753	0.0123	0.9342	0.9223	0.0544
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0951	0.0206	0.6868
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.1429	0.1714	0.1703	0.0461	0.6326
olive		0.9298	0.0156	0.9064	0.9124	0.0439
opn310k10%		0.6349	0.3651	0.6392	0.1643	0.4430
opnat310k-hg16-17		0.6465	0.3535	0.6599	0.1925	0.4399
optdigits		0.1121	0.1776	0.0801	0.0160	0.4604
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.4750	0.0262	0.4090	0.4615	0.1191
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.8775	0.1225	0.7166	0.3002	0.4327
ozone8hr		0.8419	0.1581	0.7294	0.3754	0.5432
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3918	0.6082	0.5142	0.0141	0.7336
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4286	0.5714	0.4342	-0.1050	0.9725
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9305	0.0278	0.6183	0.6205	0.5684
parkinson		0.9583	0.0417	0.9579	0.9146	0.2357
parkinsons		0.7725	0.2275	0.7791	0.5435	0.6778
parkinsons-small		0.7895	0.2105	0.7677	0.5190	0.6808
particle		0.8867	0.1133	0.8656	0.7290	0.5187
particle10%		0.8777	0.1223	0.8578	0.7114	0.5375

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.8829	0.1171	0.5863	0.1721	0.6762
pcmac		0.4794	0.5206	0.4971	-0.0053	0.9637
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8158	0.1842	0.7544	0.5088	0.6968
pediatric-leukemia		0.2353	0.2185	0.0544	0.0000	0.3686
pendigits		0.8990	0.0202	0.9020	0.8877	0.1208
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.8718	0.0160	0.8766	0.8633	0.1689
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.3918	0.6082	0.2815	0.0000	0.5219
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%		0.2098	0.2258	0.1857	0.0751	0.4864
phone-acc1%		0.5820	0.1194	0.5593	0.5110	0.3848
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.2254	0.2213	0.1875	0.0931	0.5084
phone-gyr1%		0.3737	0.1789	0.4240	0.2731	0.5022
phone-gyr10%		0.4094	0.1687	0.4533	0.3130	0.4736
phoneme		0.7519	0.2481	0.7357	0.4557	0.7260
phy		0.6642	0.3358	0.6644	0.3285	0.8638
pima		0.7237	0.2763	0.7029	0.3973	0.7848
pirvision		0.9425	0.0383	0.9256	0.8376	0.2217
placement		0.7750	0.2250	0.7749	0.5464	0.7033
plant-growth		0.8421	0.1579	0.8444	0.6851	0.5655
plrx		0.4444	0.5556	0.4375	-0.1111	0.8920
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.0459	0.2726	0.1449	0.0014	0.6262
poker10%		0.0372	0.2407	0.1275	-0.0005	0.6396
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.8899	0.1101	0.5084	0.0150	0.5252
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.8561	0.1439	0.6053	0.1749	0.5417
polish-5th		0.9239	0.0761	0.7150	0.4296	0.6244
polya		0.7741	0.2259	0.7637	0.5240	0.7159
popularity		0.5281	0.3146	0.4893	0.2311	0.6577
post-operative		0.3333	0.6667	0.2500	0.0000	0.5000
postures		0.7620	0.0952	0.7640	0.7026	0.3368
pred-tox_mutagen_ref-desc		0.6324	0.3676	0.6353	0.2647	0.8828
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.1818	0.1259	0.0237	0.0000	0.3708
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.6716	0.3284	0.4018	0.0000	0.4612
promoters		0.4000	0.6000	0.2857	0.0000	0.5239
prostate		0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE		0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio		0.8183	0.0727	0.7476	0.7527	0.2599
puc-rio10%		0.8262	0.0695	0.7519	0.7635	0.2448
pufs-128		0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%		0.5063	0.4937	0.5063	0.0127	0.9962
pufs-12810%		0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-64		0.4998	0.5002	0.3332	0.0000	0.5283
pufs-641%		0.5004	0.4996	0.5004	0.0008	0.9997
pulsar		0.9745	0.0255	0.9197	0.8295	0.1470
raisin		0.9111	0.0889	0.9127	0.8222	0.3796

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.9841	0.0159	0.9840	0.9677	0.0976
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8554	0.0482	0.8293	0.8216	0.2003
satimageF			0.9798	0.0202	0.9461	0.8896	0.1561
satimageT			0.5925	0.4075	0.6290	0.1503	0.4564
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.5556	0.4444	0.5303	0.0526	0.7987
schizo			0.6471	0.3529	0.6481	0.2941	0.8778
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.5064	0.4936	0.5021	0.0017	0.3480
secondary_mushroom			0.4452	0.5548	0.3081	0.0000	0.5302
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9481	0.0148	0.9533	0.9392	0.0637
segmentation			0.8168	0.1832	0.8110	0.6162	0.6341
segmentO			0.9654	0.0346	0.9407	0.8743	0.3419
seismic			0.0659	0.9341	0.0618	0.0000	0.1669
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.6632	0.3368	0.5329	0.0552	0.6753
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.8422	0.0287	0.8441	0.8264	0.1395
sepsis			0.5484	0.4516	0.5851	0.0886	0.4299
shoppers			0.1541	0.8459	0.1335	0.0000	0.3285
shuttle			0.9716	0.0081	0.7699	0.9208	0.2574
sick			0.7507	0.2493	0.6545	0.2021	0.4546
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9342	0.0658	0.9174	0.8210	0.3932
skin10%			0.9338	0.0662	0.9171	0.8202	0.3933
smarket			0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming			0.2200	0.3900	0.1820	-0.0518	0.7766
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.7034	0.2966	0.7392	0.4334	0.6830
soil_pollution			0.2033	0.3187	0.2093	0.0024	0.8465
solar-flare			0.5683	0.1439	0.4645	0.4724	0.2880
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.7835	0.2165	0.7189	0.3371	0.5256
spambase			0.6043	0.3957	0.3767	0.0000	0.4981
spect			0.2222	0.7778	0.1818	0.0000	0.4150
spectf			0.7143	0.2857	0.7181	0.4068	0.7259
spectrometer			0.5192	0.0356	0.3767	0.4870	0.1440
splice-EI			0.9085	0.0915	0.9015	0.7836	0.4149
splice-IE			0.8580	0.1420	0.8380	0.6561	0.5657
sport-articles			0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.0821	0.9179	0.0758	0.0000	0.2013
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.7639	0.1574	0.7456	0.6101	0.4900
stock			0.8958	0.1042	0.8384	0.6725	0.5602
stockb			0.3348	0.4435	0.1672	0.0000	0.4165
streaming			0.7900	0.2100	0.7927	0.5809	0.6708
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.3900	0.2440	0.4242	0.2041	0.6106
student-depression			0.4125	0.5875	0.4664	-0.0166	0.7046
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7654	0.2346	0.7675	0.5175	0.6779
susy10%			0.7661	0.2339	0.7679	0.5191	0.6789
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.1489	0.8511	0.1296	0.0000	0.3207
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.6421	0.3579	0.6598	0.2963	0.8036
tis			0.7517	0.2483	0.6539	0.3068	0.8045
tis10%			0.6343	0.3657	0.5928	0.1749	0.8246
titanic			0.3227	0.6773	0.2440	0.0000	0.4945
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.5882	0.4118	0.6439	0.2420	0.7707
toxicity-13f			0.6471	0.3529	0.6136	0.2273	0.8920
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.9000	0.0500	0.9073	0.8667	0.1174
tvnews			0.8573	0.1427	0.8454	0.6907	0.5595
tvnews1%			0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%			0.8666	0.1334	0.8579	0.7155	0.5385
ur3_cobotops_grip			0.8082	0.1918	0.5460	0.0493	0.3393
ur3_cobotops_stop			0.7388	0.2612	0.6089	0.0996	0.3061
urban			0.8209	0.0398	0.8494	0.7903	0.1355
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.6905	0.1548	0.6270	0.5798	0.3128

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vehicleVAN			0.9643	0.0357	0.9565	0.9091	0.2605
voice			0.5833	0.4167	0.6196	0.2105	0.8154
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5859	0.0753	0.5356	0.5444	0.1680
vowelZ			0.9293	0.0707	0.8619	0.6831	0.5142
vrnormat310k-hg16-17			0.7795	0.2205	0.6975	0.3065	0.5415
warpar10p			0.4615	0.1077	0.4340	0.3933	0.1821
warppie10p			0.8095	0.0381	0.8563	0.7884	0.0935
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.5544	0.1273	0.5382	0.4767	0.4742
watch-acc10%			0.5592	0.1259	0.5429	0.4827	0.4809
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.4142	0.1674	0.4338	0.3143	0.4825
watch-gyr10%			0.4051	0.1700	0.4412	0.3028	0.5022
water_pollution			0.2133	0.3933	0.2108	-0.0459	0.8630
waveform			0.7780	0.1480	0.7945	0.6676	0.3708
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8000	0.1333	0.6302	0.6411	0.5060
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.6667	0.2500	0.0000	0.5000
wifi-loc			0.9850	0.0075	0.9850	0.9800	0.0346
wilt			0.7308	0.2692	0.6139	0.1233	0.3743
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4088	0.1971	0.3373	0.1922	0.7064
winequality-white			0.3190	0.1946	0.2421	0.1208	0.7570
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.2500	0.1000	0.1676	0.1967	0.2060
yeast			0.5743	0.0851	0.4862	0.4760	0.4960
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.8986	0.1014	0.7388	0.3173	0.4022
yeastME1			0.9257	0.0743	0.7638	0.3952	0.4565
yeastME2			0.8986	0.1014	0.7099	0.3561	0.5428
zip			0.9280	0.0144	0.9223	0.9193	0.1103

Table 165: Detailed results for PRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1590	0.0801	0.1490	0.0783	0.6138
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9853	0.0147	0.7304	0.3333	0.1958
accident		0.6500	0.3500	0.6508	0.3000	0.8761
ads		0.9848	0.0152	0.9679	0.9350	0.1232
adult		0.8499	0.1501	0.7823	0.5610	0.6247
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8000	0.2000	0.4444	-0.0357	0.6563
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8889	0.1111	0.7333	0.3010	0.2451
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9992	0.0008	0.7367	0.2855	0.0047
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9998	0.0002	0.9850	0.9696	0.0014
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6000	0.4000	0.4724	-0.0526	0.9519
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9946	0.0054	0.7136	0.1990	0.0229
aids		0.8967	0.1033	0.8533	0.6921	0.4258
air_pollution		0.4033	0.1705	0.0825	-0.0004	0.3808
airline		0.9610	0.0390	0.9603	0.9203	0.2143
alcohol		0.8476	0.0610	0.5375	0.6270	0.1477
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9395	0.0605	0.9340	0.8641	0.2665
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9833	0.0083	0.9492	0.9681	0.0429
anuran-genus		0.9833	0.0042	0.9504	0.9725	0.0574
anuran-species		0.9819	0.0036	0.9620	0.9748	0.0398
anxiety		0.0750	0.2056	0.0716	-0.0427	0.8544
apple-quality		0.8750	0.1250	0.8759	0.7500	0.4917
aps-failure		0.9928	0.0072	0.8880	0.7663	0.2168
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia		0.8222	0.0356	0.6210	0.7101	0.1650
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.7273	0.0496	0.5143	0.6733	0.1198

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9500	0.0200	0.9520	0.9340	0.0427
avila		0.9909	0.0015	0.9847	0.9882	0.0207
babies		0.4113	0.1682	0.1855	0.1082	0.6024
balance		0.8548	0.0968	0.6080	0.7395	0.2653
bank		0.9087	0.0913	0.7424	0.4730	0.5775
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8940	0.1060	0.8854	0.7599	0.3925
basehock		0.9799	0.0201	0.9800	0.9598	0.1294
bio		0.9974	0.0026	0.9207	0.8335	0.1131
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8952	0.1048	0.8885	0.7768	0.4558
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9884	0.0011	0.1829	0.4253	0.5983
bitcoin1%		0.9856	0.0041	0.1723	0.0443	0.1376
bitcoin10%		0.9877	0.0022	0.2873	0.3013	0.2539
body-perf		0.7336	0.1332	0.7351	0.6448	0.4128
brain-tumor		0.5025	0.4975	0.5024	0.0047	0.9976
breast-cancer		0.7143	0.2857	0.6500	0.3000	0.8322
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.6364	0.3636	0.6333	0.2667	0.8952
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.9000	0.0333	0.8192	0.8485	0.0568
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4610	0.3593	0.3156	-0.0014	0.6636
car		0.9598	0.0201	0.9436	0.9160	0.1671
car-insurance		0.8360	0.1640	0.8074	0.6146	0.6256
card		0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography		0.8639	0.0272	0.8517	0.8360	0.1557
cardiotocography-nsp		0.9437	0.0376	0.8926	0.8412	0.2281
cardiovascular		0.7192	0.2808	0.7193	0.4384	0.7947
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.9000	0.0667	0.8851	0.8178	0.2404
cas_N6512_cdk_ECFP2		0.7834	0.2166	0.7830	0.5655	0.6944
cas_N6512_rdkit_ATOMPAIR		0.8000	0.2000	0.7986	0.5972	0.6656
cas_N6512_RDkit_AtomPair_FP		0.7699	0.2301	0.7685	0.5369	0.7191
cas_N6512_rdkit_AVALON		0.8280	0.1720	0.8280	0.6551	0.6079
cas_N6512_RDkit_Avalon_FP		0.8190	0.1810	0.8194	0.6376	0.6248
cas_N6512_rdkit_descriptors		0.7954	0.2046	0.7960	0.5906	0.6695
cas_N6512_rdkit_FEATMORGAN		0.7803	0.2197	0.7789	0.5579	0.7014
cas_N6512_RDkit_Featmorgan_FP		0.7975	0.2025	0.7967	0.5933	0.6700
cas_N6512_RDkit_FP		0.7975	0.2025	0.7961	0.5921	0.6701
cas_N6512_rdkit_LAYERED		0.8046	0.1954	0.8058	0.6094	0.6502
cas_N6512_RDkit_Layered_FP		0.7837	0.2163	0.7822	0.5642	0.6951
cas_N6512_rdkit_MACCS		0.7926	0.2074	0.7909	0.5806	0.6758
cas_N6512_RDkit_MACCS_FP		0.8129	0.1871	0.8135	0.6255	0.6364
cas_N6512_rdkit_MORGAN		0.8092	0.1908	0.8078	0.6153	0.6471
cas_N6512_RDkit_morgan_FP		0.7975	0.2025	0.7962	0.5923	0.6702
cas_N6512_rdkit_PATTERN		0.7862	0.2138	0.7883	0.5733	0.6804
cas_N6512_RDkit_pattern_FP		0.7837	0.2163	0.7839	0.5669	0.6921
cas_N6512_rdkit_RDKITFP		0.8095	0.1905	0.8085	0.6171	0.6475
cas_N6512_rdkit_TORSION		0.7446	0.2554	0.7435	0.4869	0.7591

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8406	0.1063	0.4209	0.2045	0.4686
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8238	0.1762	0.8152	0.6265	0.6275
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6401	0.1470	0.3479
census10%		0.9509	0.0491	0.7263	0.3846	0.3985
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9419	0.0581	0.6302	0.2561	0.6215
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.9269	0.0365	0.8392	0.8904	0.1297
chrom19		0.9998	0.0002	0.9431	0.8844	0.1395
chrom191%		0.9994	0.0006	0.9090	0.7997	0.4644
chrom1910%		0.9996	0.0004	0.8957	0.7877	0.2470
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8500	0.1500	0.7420	0.4616	0.6131
churn-bigml		0.9401	0.0599	0.8726	0.7106	0.1655
ci900367j_MACCS		0.7053	0.2947	0.6837	0.3670	0.8261
circles		0.9990	0.0000	0.9990	0.9990	0.0005
cirrhosis		0.7143	0.1905	0.4756	0.4140	0.4198
cjs		0.9964	0.0012	0.9959	0.9956	0.0106
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8056	0.0972	0.6319	0.6938	0.4106
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6667	0.3333	0.4065
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5510	0.2993	0.5354	0.3075	0.6978
cnae-9		0.9444	0.0123	0.9464	0.9375	0.0624
codon_usage		0.9186	0.0148	0.7737	0.9007	0.1059
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.8800	0.0160	0.7741	0.8677	0.0502
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.8276	0.1724	0.8044	0.5892	0.5680
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7586	0.2414	0.7584	0.5155	0.7334
colposcopies-c		0.8966	0.1034	0.8560	0.6692	0.2534
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
connect-4		0.9791	0.0139	0.5747	0.4099	0.4101
cottonmeloidogyne		0.7596	0.2404	0.7619	0.5198	0.7229
coupon		0.7752	0.2248	0.7691	0.5337	0.7015
covtype10%		0.8800	0.0343	0.7978	0.8042	0.2381
covtypeCD		0.9906	0.0094	0.9798	0.9594	0.0944
covtypeT		0.9860	0.0140	0.9446	0.8886	0.2063
crabs		0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans		0.9996	0.0004	0.9462	0.8862	0.0022
creditcard_trans10%		0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced		0.9429	0.0190	0.8412	0.8793	0.1050
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.7188	0.0176	0.6861	0.7097	0.0519
customer-churn		0.9786	0.0214	0.7181	0.4347	0.5413
cybersecurity		0.1667	0.2778	0.1684	-0.0017	0.8781
cyclopentane		0.6296	0.3704	0.6181	0.2241	0.8800

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cylinder-bands		0.8333	0.1667	0.8289	0.6534	0.5853
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0996	0.1801	0.0996	-0.0005	0.9272
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8210	0.1790	0.7071	0.3902	0.6711
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9053	0.0947	0.7351	0.4498	0.5656
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.7132	0.5789	0.3187
dexter		0.9333	0.0667	0.9372	0.8667	0.2500
df_final		0.7500	0.1667	0.7711	0.6049	0.2540
DIA		0.8333	0.1667	0.7692	0.4286	0.3322
diabetes		1.0000	0.0000	1.0000	1.0000	0.0000
diabetes-100k		0.9689	0.0311	0.8924	0.7618	0.1265
diabetes-risk		0.9128	0.0872	0.8645	0.7284	0.4740
diabetic1%		0.5588	0.2941	0.3673	0.0895	0.4976
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7723	0.0911	0.7690	0.6768	0.3239
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5000	0.5000	0.4507	-0.0909	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9304	0.0696	0.7695	0.5198	0.4978
dota2		0.5722	0.4278	0.5694	0.1384	0.9521
dota210%		0.5612	0.4388	0.5584	0.1165	0.9606
drebin		0.9920	0.0080	0.9915	0.9828	0.0521
dropout		0.7743	0.1505	0.6929	0.6175	0.4478
drug-01		0.3511	0.1854	0.1545	0.0036	0.5483
drug-02		0.5053	0.1413	0.2291	0.1222	0.5868
drug-03		0.6809	0.1064	0.1818	0.0591	0.3605
drug-04		0.5106	0.1398	0.1973	0.0702	0.5821
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3883	0.1748	0.2302	0.2290	0.6254
drug-07		0.4202	0.1933	0.1703	0.0480	0.4769
drug-08		0.5904	0.1170	0.2316	0.2125	0.3622
drug-09		0.8723	0.0426	0.2287	0.0699	0.1127
drug-10		0.5426	0.1307	0.1583	0.1192	0.4347
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6223	0.1079	0.1738	0.2443	0.3861
drug-14		0.6223	0.1079	0.3079	0.3107	0.4836
drug-15		0.7606	0.0684	0.1489	0.0711	0.2426
drug-16		0.5585	0.1472	0.2616	0.2461	0.5021
drug-17		0.3511	0.1854	0.1794	0.1251	0.6957
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7606	0.0684	0.1238	0.0015	0.2802
drybean		0.9214	0.0225	0.9332	0.9050	0.1277
ecoli		0.8235	0.0588	0.6755	0.7539	0.1803
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.1900	0.4050	0.1881	-0.0810	0.9007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
eeg		0.5588	0.0551	0.5688	0.5096	0.5044
eeg-eye		0.9105	0.0895	0.9102	0.8178	0.3834
eeg10%		0.4501	0.0687	0.4584	0.3873	0.5181
email_phishing		0.9901	0.0099	0.7642	0.4458	0.2158
eucalyptus		0.6438	0.1425	0.6123	0.5390	0.3829
euthyroid		0.9652	0.0348	0.8979	0.7944	0.3409
exon.vs.intron-freq10%		0.9593	0.0407	0.9600	0.9181	0.2029
fakenews		0.5125	0.4875	0.5122	0.0245	0.9926
fbis-wc		0.8171	0.0215	0.7461	0.7896	0.1109
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7255	0.2745	0.7214	0.4369	0.7761
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.7500	0.0714	0.4640	0.6764	0.1568
forest		0.9038	0.0481	0.8906	0.8669	0.1249
gas		0.9964	0.0012	0.9967	0.9956	0.0092
gastrointestinal		0.8125	0.1250	0.8305	0.6981	0.2631
gender		0.5684	0.2877	0.4326	0.0883	0.5642
gene		0.9243	0.0505	0.9154	0.8773	0.2130
german		0.7400	0.2600	0.7136	0.3211	0.5459
gestures		0.9178	0.0411	0.9182	0.8904	0.1811
gina		0.9625	0.0375	0.9625	0.9250	0.2147
gisette		0.9714	0.0286	0.9714	0.9429	0.1749
glass		0.9048	0.0317	0.9209	0.8731	0.1290
glass-g2		0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP		0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP		0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8214	0.1786	0.8172	0.6341	0.6286
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.5333	0.2333	0.5312	0.3636	0.5415
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.6667	0.3333	0.5379	0.0741	0.8997
hapt		0.9625	0.0063	0.8825	0.9557	0.0420
har		0.9964	0.0014	0.9961	0.9955	0.0103
har70		0.9370	0.0180	0.7034	0.9060	0.1257
har701%		0.9274	0.0207	0.5917	0.8920	0.1081
har7010%		0.9325	0.0193	0.6488	0.8991	0.1029
harth		0.9016	0.0164	0.7008	0.8659	0.1723
harth1%		0.8760	0.0207	0.5918	0.8304	0.1825
harth10%		0.8901	0.0183	0.6637	0.8499	0.1778
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure		0.9880	0.0120	0.9861	0.9720	0.0782
heart-quantum		0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.8490	0.1510	0.8492	0.6980	0.5615
hERG-121inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.7027	0.2973	0.7016	0.4032	0.8182
higgs1%		0.7110	0.2890	0.7097	0.4194	0.8073
higher		0.2143	0.1964	0.1492	0.0435	0.3713
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8750	0.1250	0.8765	0.7470	0.4704
hiv1-proteasa		0.8954	0.1046	0.7936	0.5483	0.4428
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.6667	0.2222	0.4702	0.3533	0.3426
hotel-reservartions		0.9135	0.0865	0.9005	0.7994	0.3992
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.9999	0.0000	0.9999	0.9999	0.0004
ht-sensor10%		0.9990	0.0006	0.9991	0.9985	0.0053
htru2		0.9782	0.0218	0.9322	0.8627	0.2293
hypothyroid		0.9947	0.0027	0.7438	0.9684	0.0506
hypothyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
ilpd		0.7458	0.2542	0.6570	0.2937	0.7766
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9733	0.0133	0.9737	0.9644	0.0578
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8909	0.0084	0.8948	0.8865	0.0934
jm1		0.8200	0.1800	0.6578	0.2817	0.6899
jvowels		0.9789	0.0047	0.9768	0.9761	0.0342
kc1		0.8720	0.1280	0.7137	0.3863	0.5769
kc1-class-level-defectiveornot		0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect		0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8269	0.1731	0.7165	0.4236	0.6904
kdc-4007		0.7855	0.0613	0.7920	0.7495	0.3133
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.9990	0.0002	0.8926	0.9983	0.0012
kepler		0.8912	0.0725	0.8515	0.8207	0.2011
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.8278	0.0191	0.8446	0.8076	0.2136
krvskp		0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc		0.8444	0.0519	0.8116	0.8012	0.2125
la2s-wc		0.8907	0.0364	0.8624	0.8601	0.1314
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.7059	0.0256	0.6405	0.6906	0.0746
led24		0.6500	0.0778	0.6865	0.6000	0.1979
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9640	0.0028	0.9638	0.9625	0.0437
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.9722	0.0037	0.9805	0.9701	0.0139
linkage		1.0000	0.0000	0.9992	0.9983	0.0030
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7647	0.2353	0.7202	0.4357	0.7504
loan		0.9859	0.0141	0.9851	0.9699	0.0891
localization		0.7682	0.0422	0.5600	0.7061	0.4075
localization10%		0.7051	0.0536	0.4498	0.6228	0.4466
lrs		0.8679	0.0377	0.6419	0.8165	0.0903
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6582	0.3077	0.8482
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.7077	0.2923	0.7081	0.4154	0.8089
magic04		0.8774	0.1226	0.8636	0.7250	0.4996
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7604	0.2396	0.7625	0.5221	0.7254
marketing		0.8884	0.1116	0.7389	0.3971	0.4354
maternal		0.8614	0.0924	0.8631	0.7893	0.3270
math		0.8250	0.0875	0.7609	0.7236	0.2361
mba		0.8081	0.1280	0.3891	0.1638	0.4055
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2267	0.3093	0.2281	0.0316	0.8561
messidor		0.6435	0.3565	0.6400	0.2796	0.8857
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac		0.9750	0.0050	0.9751	0.9722	0.0316
mfeat-fou		0.8050	0.0390	0.8036	0.7833	0.1522
mfeat-kar		0.9700	0.0060	0.9707	0.9667	0.0379
mfeat-mor		0.7100	0.0580	0.7125	0.6778	0.1933
mfeat-pix		0.9800	0.0040	0.9809	0.9778	0.0225
mfeat-zer		0.7850	0.0430	0.7882	0.7611	0.1334
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5294	0.1882	0.5050	0.4106	0.4043
mobile		0.9406	0.0021	0.9456	0.9395	0.0268
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9672	0.0328	0.9641	0.9257	0.1307
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
musk		0.9652	0.0348	0.9314	0.8531	0.1137
MUT_ci300400a_cdk_ECFP2		0.8261	0.1739	0.8213	0.6426	0.6192
MUT_ci300400a_cdk_ECFP4		0.8455	0.1545	0.8412	0.6823	0.5774
MUT_ci300400a_cdk_ECFP6		0.8144	0.1856	0.8078	0.6143	0.6382
MUT_ci300400a_cdk_ESTATE		0.7854	0.2146	0.7771	0.5515	0.6906
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.8383	0.1617	0.8346	0.6689	0.5930
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.8393	0.1607	0.8340	0.6674	0.5884
MUT_ci300400a_cdk_MACCS		0.8633	0.1367	0.8594	0.7187	0.5354
MUT_ci300400a_cdk_PUBCHEM		0.8731	0.1269	0.8688	0.7369	0.5061
MUT_ci300400a_cdk_STANDARD		0.8515	0.1485	0.8465	0.6923	0.5597
MUT_ci300400a_rdkit_descriptors		0.8584	0.1416	0.8555	0.7110	0.5463
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9717	0.0283	0.9717	0.9434	0.1735
NCI60		0.6667	0.1111	0.5714	0.6000	0.1060
nci9		0.6667	0.1111	0.6222	0.6000	0.1039
ncRNA		0.9619	0.0040	0.8275	0.8975	0.2570
ncRNA1%		0.9221	0.0082	0.5689	0.7823	0.3437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ncRNA10%			0.9424	0.0061	0.7154	0.8419	0.3185
neo			0.9195	0.0805	0.7386	0.4638	0.5636
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
newspop			0.6604	0.3396	0.6579	0.3152	0.8687
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9689	0.0311	0.9618	0.9235	0.2057
NPHA-doctor-visits			0.4306	0.3796	0.3386	-0.0200	0.8043
nursery			0.9907	0.0046	0.9749	0.9864	0.0343
obesity			0.9431	0.0162	0.9437	0.9336	0.0758
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9947	0.0053	0.9925	0.9850	0.0643
Occupancy_Estimation			0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc			0.9307	0.0139	0.9394	0.9207	0.0667
oh10-wc			0.8286	0.0343	0.8180	0.8043	0.1466
oh15-wc			0.8478	0.0304	0.8573	0.8259	0.1326
oh5-wc			0.8242	0.0352	0.8346	0.8006	0.1678
olive			0.9298	0.0156	0.9174	0.9123	0.0441
opn310k10%			0.9237	0.0763	0.7068	0.3604	0.4955
optdigits			0.9662	0.0068	0.9683	0.9624	0.0487
optdigitsZ			0.9982	0.0018	0.9945	0.9889	0.0098
orl			1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P			0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr			0.9328	0.0672	0.7031	0.1787	0.1695
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8454	0.1546	0.8266	0.6530	0.5950
P-Glycoprotein_c_RDkit_AtomPair_FP			0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9854	0.0059	0.9401	0.9162	0.1081
parkinson			0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons			0.9147	0.0853	0.9088	0.8170	0.3910
parkinsons-small			0.9474	0.0526	0.9399	0.8725	0.3145
particle			0.9356	0.0644	0.9202	0.8405	0.3584
particle10%			0.9200	0.0800	0.9006	0.8013	0.4133
pasture			1.0000	0.0000	1.0000	1.0000	0.0000
pc1			0.9189	0.0811	0.6396	0.2671	0.6352
pcmac			0.5309	0.4691	0.5322	0.0634	0.9638
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9211	0.0789	0.8939	0.7647	0.2161
pediatric-leukemia			0.7353	0.0756	0.6827	0.6710	0.1919
pendigits			0.9954	0.0009	0.9953	0.9949	0.0090
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.8251	0.1749	0.8113	0.6214	0.6250
personalities			0.9663	0.0042	0.9664	0.9641	0.0595
pet-adoption			0.9450	0.0550	0.9376	0.8722	0.2569
phishing			0.9755	0.0245	0.9743	0.9486	0.1605
phone-acc0.1%			0.8851	0.0328	0.8778	0.8657	0.1137
phone-acc1%			0.9618	0.0109	0.9585	0.9554	0.0492
phone-gyr0.1%			0.9131	0.0248	0.9069	0.8984	0.1090
phone-gyr1%			0.9746	0.0073	0.9719	0.9703	0.0375
phoneme			0.9204	0.0796	0.9018	0.8035	0.4117
phy			0.7022	0.2978	0.7023	0.4043	0.8177
pima			0.7105	0.2895	0.6871	0.3569	0.7863
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.7970	0.2030	0.7903	0.5799	0.6738
plant-growth			0.7895	0.2105	0.7933	0.5730	0.6420

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
plrx			0.5556	0.4444	0.3571	-0.2632	0.9745
poker1%			0.5512	0.1282	0.1607	0.1490	0.3085
poker10%			0.5824	0.1044	0.2487	0.2106	0.3000
polish-1st			0.9687	0.0313	0.7318	0.3425	0.2419
polish-2nd			0.9567	0.0433	0.5609	0.0712	0.4842
polish-3rd			0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th			0.9561	0.0439	0.7315	0.4216	0.4463
polish-5th			0.9475	0.0525	0.7581	0.4829	0.4456
polya			0.7795	0.2205	0.7523	0.4973	0.7052
popularity			0.6714	0.2191	0.5398	0.2343	0.4598
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.9867	0.0053	0.9865	0.9833	0.0354
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7207	0.4412	0.7929
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3939	0.0932	0.3328	0.3203	0.3245
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6866	0.3134	0.6108	0.2064	0.8487
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9961	0.0015	0.9932	0.9948	0.0129
puc-rio10%			0.9909	0.0036	0.9801	0.9878	0.0220
pufs-1281%			0.4947	0.5053	0.4946	-0.0106	1.0000
pufs-641%			0.5062	0.4938	0.5062	0.0124	0.9945
pufs-6410%			0.5005	0.4995	0.5004	0.0009	0.9978
pulsar			0.9856	0.0144	0.9560	0.9103	0.1321
raisin			0.8889	0.1111	0.8893	0.7778	0.4596
rcv11%			0.7556	0.0119	0.4242	0.7213	0.1478
re0-wc			0.8333	0.0256	0.7945	0.7792	0.1762
re1-wc			0.7952	0.0164	0.5586	0.7616	0.1176
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9874	0.0126	0.9873	0.9744	0.0865
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6996	0.3004	0.6892	0.3783	0.8272
RT_IOT2022			0.9990	0.0002	0.9813	0.9976	0.0019
satimage			0.9160	0.0280	0.9024	0.8962	0.1371
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9425	0.0575	0.8208	0.6052	0.3284
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.3824	0.6176	0.3700	-0.2353	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9610	0.0111	0.9656	0.9544	0.0505
segmentation			0.8564	0.1436	0.8411	0.6801	0.5544
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-10-gram			0.8661	0.1339	0.5832	0.0279	0.3779
sens-2-gram			0.8789	0.1211	0.6856	0.1312	0.2567
sens-3-gram			0.8816	0.1184	0.6940	0.1618	0.2534
sens-4-gram			0.8763	0.1237	0.6559	0.1245	0.3621
sens-5-gram			0.8737	0.1263	0.6687	0.0675	0.2632
sens-6-gram			0.8684	0.1316	0.5838	0.0286	0.3763

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8658	0.1342	0.5694	0.0500	0.4928
sens-8-gram			0.8658	0.1342	0.5503	0.0232	0.4453
sens-9-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sensorless			0.9985	0.0003	0.9985	0.9983	0.0033
sepsis			0.9095	0.0905	0.6570	0.0031	0.2085
shoppers			0.9067	0.0933	0.8056	0.6020	0.5153
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9761	0.0239	0.8957	0.7784	0.1990
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9998	0.0002	0.9996	0.9993	0.0063
skin10%			0.9996	0.0004	0.9994	0.9988	0.0098
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2800	0.3600	0.2643	0.0323	0.7019
smk_can_187			0.6842	0.3158	0.6841	0.3596	0.8222
smoking			0.8404	0.1596	0.8286	0.6571	0.5996
soil_pollution			0.2367	0.3053	0.2362	0.0453	0.8528
solar-flare			0.7482	0.0839	0.6139	0.6793	0.2165
sonar			0.4500	0.5500	0.4415	-0.1000	0.9904
soybean			0.9853	0.0015	0.9944	0.9839	0.0114
spam-detection			0.9545	0.0455	0.8597	0.7187	0.4375
spambase			0.9522	0.0478	0.9499	0.8994	0.2552
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer			0.6538	0.0256	0.5855	0.6327	0.1174
splice-EI			0.9716	0.0284	0.9620	0.9232	0.1701
splice-IE			0.9274	0.0726	0.8962	0.7843	0.3300
sport-articles			0.8200	0.1800	0.8051	0.6095	0.6396
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9164	0.0557	0.8947	0.8640	0.2068
steel-b			0.8923	0.1077	0.8277	0.6473	0.5046
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.8154	0.1846	0.7917	0.5792	0.6448
steel-p			0.9231	0.0769	0.6928	0.3623	0.5753
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9846	0.0154	0.9554	0.9104	0.1831
stellar			0.9770	0.0153	0.9734	0.9591	0.0887
stock			0.9306	0.0694	0.8772	0.7503	0.3987
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5650	0.1740	0.3834	0.2941	0.4984
student-depression			0.8290	0.1710	0.8225	0.6429	0.6054
student-habits			0.3200	0.2720	0.2325	-0.0782	0.4813
student-weekend			0.3692	0.2523	0.2265	0.0873	0.6319
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.4579	0.1727	0.6264
susy			0.4580	0.5420	0.3141	0.0000	0.5307
susy1%			0.7996	0.2004	0.7984	0.5922	0.6525
susy10%			0.7980	0.2020	0.7969	0.5887	0.6537
tae			0.6000	0.2667	0.6188	0.4000	0.5288
telco-churn			0.8906	0.1094	0.8553	0.7072	0.4899
texture			0.9800	0.0036	0.9813	0.9779	0.0297
theorem			0.9967	0.0033	0.9966	0.9933	0.0238
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.8358	0.1642	0.7698	0.4298	0.3288
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.1000	0.5250	0.6364	0.1042
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.6471	0.3529	0.5597	0.0893	0.8324
toxicity-13f			0.7059	0.2941	0.6670	0.3307	0.8305
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6267	0.3733	0.4680	-0.0638	0.9119
trec11-wc			0.9024	0.0217	0.7523	0.8794	0.0371
trec12-wc			0.9677	0.0081	0.9780	0.9611	0.0246
trec21-wc			0.8788	0.0485	0.5329	0.7027	0.1107
trec23-wc			0.8571	0.0476	0.6178	0.7907	0.1027
trec31-wc			0.9570	0.0143	0.9602	0.9426	0.0722
trec41-wc			0.9318	0.0136	0.7558	0.9157	0.0513
trec45-wc			0.8986	0.0203	0.8201	0.8804	0.0719
tuandromd			0.9910	0.0090	0.9861	0.9722	0.0959
turkish			0.7750	0.1125	0.7696	0.7000	0.2689
tvnews1%			0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%			0.8921	0.1079	0.8829	0.7646	0.4600
ur3_cobotops_grip			0.9741	0.0259	0.7430	0.4138	0.3208
ur3_cobotops_stop			0.9701	0.0299	0.7391	0.4365	0.4116
urban			0.8358	0.0365	0.8354	0.8068	0.1483
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.8095	0.0952	0.7683	0.7418	0.1952
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6667	0.0606	0.6903	0.6333	0.1887
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc			0.7949	0.0205	0.5790	0.7687	0.1161
warpar10p			0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.9788	0.0061	0.9784	0.9752	0.0400
watch-acc10%			0.9984	0.0005	0.9984	0.9981	0.0047
watch-gyr			0.9999	0.0000	0.9999	0.9999	0.0004
watch-gyr1%			0.9707	0.0084	0.9699	0.9658	0.0499
watch-gyr10%			0.9970	0.0009	0.9969	0.9965	0.0074
water_pollution			0.2333	0.3833	0.2329	-0.0227	0.8721
waveform			0.8560	0.0960	0.8562	0.7840	0.3419
weather-related			0.9808	0.0035	0.9821	0.9782	0.0303
web-phishing			0.8667	0.0889	0.8122	0.7625	0.3897
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9997	0.0001	0.9997	0.9997	0.0009
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9834	0.0166	0.9068	0.8096	0.2500
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6855	0.1048	0.3344	0.4954	0.3594
winequality-white			0.6830	0.1057	0.4712	0.5099	0.4251
winnipeg10%			0.9932	0.0019	0.9945	0.9915	0.0160
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.6250	0.0500	0.6126	0.5983	0.0770
yeast			0.6014	0.0886	0.4503	0.4843	0.3658
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastEXC			0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.9495	0.0101	0.9455	0.9434	0.0814

Table 166: Detailed results for PRIM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0675	0.0888	0.0075	0.0125	0.3694
abalone19		0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18		0.0548	0.9452	0.0519	0.0000	0.1418
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.1905	0.8095	0.3869	-0.0591	0.5486
AID_602330		0.0417	0.9583	0.0400	0.0000	0.1107
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.2441	0.7559	0.1962	0.0000	0.4368
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.0286	0.3886	0.0111	0.0000	0.2706
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.4372	0.5628	0.5741	0.0749	0.6724
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.0083	0.9917	0.0083	0.0000	0.0237
anuran-family		0.0125	0.4937	0.0873	0.0019	0.3725
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.1167	0.1963	0.1112	0.0084	0.5381
apple-quality		0.1725	0.8275	0.1724	-0.6550	1.0000
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.0735	0.9265	0.0685	-0.1130	0.4819
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.0769	0.9231	0.0714	-0.7195	0.9986
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.1000	0.3600	0.0364	0.0000	0.4019
avila		0.0010	0.1665	0.0068	0.0003	0.4092
babies		0.0081	0.2834	0.0033	-0.0026	0.4303
balance		0.0645	0.6237	0.0404	0.0000	0.3991
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.0292	0.9708	0.0292	-0.9247	1.0000
bankruptcy		0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.1714	0.8286	0.1837	-0.5289	1.0000
biomed		0.5238	0.4762	0.3438	-0.1798	0.9644
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0003	0.2856	0.0001	-0.0001	0.1696
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.4705	0.5295	0.4696	-0.0596	1.0000
breast-cancer		0.2857	0.7143	0.2222	0.0000	0.4711
breast-cancer-co		0.1818	0.8182	0.1833	-0.6230	1.0000
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.4375	0.5510	0.1604
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.3333	0.6667	0.5822	0.0291	0.4874
caesarian		0.3750	0.6250	0.2727	0.0000	0.5170
cancer		0.3478	0.6522	0.2581	0.0000	0.5068
cancer-uae		0.0990	0.6007	0.0601	0.0000	0.4064
car		0.0402	0.4799	0.0193	0.0000	0.2850
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.0986	0.1803	0.1305	0.0592	0.4644
cardiotocography-nsp		0.0235	0.6510	0.1061	-0.0768	0.4753
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.2000	0.5333	0.3862	-0.0119	0.3853
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.0009	0.9991	0.0009	0.0000	0.0027
chrom191%		0.0012	0.9988	0.0012	0.0000	0.0034
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.0723	0.9277	0.0674	-0.0121	0.2349
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.0000	0.6667	0.0000	-0.0678	0.4965
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.2449	0.5034	0.2518	0.0017	0.5946
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.2727	0.7273	0.2143	0.0000	0.4613
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.3448	0.6552	0.2564	0.0000	0.5054
colposcopies-2		0.3793	0.6207	0.2750	0.0000	0.5184
colposcopies-3		0.5862	0.4138	0.6120	0.2055	0.8663
colposcopies-4		0.4138	0.5862	0.4804	-0.0292	0.8174
colposcopies-5		0.3448	0.6552	0.4547	-0.0495	0.6235
colposcopies-6		0.6207	0.3793	0.6634	0.2564	0.7193
colposcopies-c		0.2069	0.7931	0.2825	-0.2514	0.7939
column-2c		0.0968	0.9032	0.0882	-0.7087	0.9291
column-3c		0.3871	0.4086	0.4055	0.0882	0.6548
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons10%		0.4827	0.5173	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.2885	0.7115	0.2878	-0.4216	1.0000
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.0699	0.9301	0.0653	0.0000	0.1756
crabs		0.4000	0.3000	0.4272	0.2000	0.5288
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.4444	0.5556	0.4500	-0.0976	1.0000
cultivars		0.1562	0.0527	0.0945	0.1290	0.2214
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1467	0.2844	0.1427	-0.0213	0.8284
cyclopentane		0.2963	0.7037	0.2826	-0.3256	1.0000
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.1605	0.8395	0.1383	0.0000	0.3379
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.1678	0.8322	0.1437	0.0000	0.3484
dermatology		0.0541	0.3153	0.0171	0.0000	0.4072
desharnais		0.1250	0.5833	0.1333	-0.1429	0.6270
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.5000	0.5000	0.5384	0.0663	0.8978
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.9167	0.0833	0.9226	0.8333	0.3145
diamonds		0.3833	0.3083	0.3669	0.2688	0.2377
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.6250	0.3750	0.7273	0.3425	0.5306
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dna10%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.3228	0.4515	0.1627	0.0000	0.3888
drug-01		0.0213	0.2796	0.0068	-0.0020	0.4848
drug-02		0.0372	0.2751	0.0530	-0.0002	0.4903
drug-03		0.0106	0.3298	0.0868	0.0019	0.4014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-04		0.0532	0.2705	0.0882	-0.0003	0.6109
drug-05		0.0106	0.2827	0.0442	0.0036	0.3893
drug-06		0.1170	0.2523	0.1597	0.0246	0.6086
drug-07		0.0053	0.3316	0.0019	-0.0035	0.4806
drug-08		0.0053	0.2842	0.0114	-0.0045	0.4790
drug-09		0.0053	0.3316	0.0024	-0.0012	0.3126
drug-10		0.0160	0.2812	0.1468	0.0007	0.4511
drug-11		0.0000	0.2857	0.0000	-0.0060	0.4395
drug-12		0.0106	0.3298	0.0040	-0.0064	0.3705
drug-13		0.0213	0.2796	0.0594	-0.0027	0.5141
drug-14		0.0000	0.2857	0.0000	-0.0077	0.4620
drug-15		0.0532	0.2705	0.0242	0.0059	0.3864
drug-16		0.0319	0.3227	0.1851	0.0048	0.4368
drug-17		0.0851	0.2614	0.0692	0.0068	0.6630
drug-18		0.0053	0.9947	0.0053	0.0000	0.0152
drug-19		0.0053	0.2842	0.0015	0.0000	0.2040
drybean		0.4827	0.1478	0.5568	0.4238	0.2942
ecoli		0.0294	0.3235	0.0095	0.0000	0.3737
ecoliCP-IM		0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM		0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU		0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM		0.0606	0.9394	0.2661	-0.0601	0.2779
ecommerce		0.3000	0.3500	0.3320	0.0703	0.6964
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.4546	0.5454	0.5299	0.0068	0.5940
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.8544	0.1456	0.5031	0.0059	0.7448
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.1000	0.9000	0.0909	0.0000	0.2369
finance		0.3725	0.6275	0.3775	-0.2382	1.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.3125	0.2292	0.3598	0.2281	0.3311
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.1346	0.4327	0.1374	-0.1561	0.4925
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.0737	0.6175	0.0458	0.0000	0.3825
gene		0.2524	0.4984	0.1343	0.0000	0.4017
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.0952	0.3016	0.0303	0.0025	0.3750
glass-g2		0.3750	0.6250	0.4000	-0.1765	0.9746
glassBWFP		0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP		0.1905	0.8095	0.1600	-0.3077	0.9101
glassContainers		0.0455	0.9545	0.0435	-0.0948	0.3845
glassNW		0.0952	0.9048	0.0870	-0.3168	0.7847
glassTableware		0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP		0.0476	0.9524	0.0455	0.0000	0.1250
GlaucomaM		0.3684	0.6316	0.3561	-0.2809	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.3810	0.6190	0.4068	-0.1513	0.9738
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.1333	0.4333	0.0588	0.0000	0.4133
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.2667	0.7333	0.2105	0.0000	0.4565
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0093	0.2831	0.1038	0.0041	0.4310
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.4375	0.3750	0.2029	0.0000	0.3849
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.0200	0.4900	0.1058	0.0060	0.3326
heart		0.5185	0.4815	0.4785	-0.0415	0.9935
heart-attack		0.4516	0.5484	0.4797	-0.0233	0.8538
heart-c		0.4667	0.5333	0.4829	-0.0256	0.9214
heart-failure		0.1180	0.8820	0.1385	-0.5120	0.9231
heart-quantum		0.4000	0.6000	0.3750	-0.2500	1.0000
hepatitis		0.6667	0.3333	0.4000	-0.1905	0.8958
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs		0.2308	0.7692	0.1875	0.0000	0.4238
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.4155	0.5845	0.4158	-0.1679	1.0000
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0714	0.2321	0.0192	-0.0055	0.3924
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.1111	0.5926	0.0741	-0.1056	0.6902
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.0464	0.9536	0.0946	-0.1024	0.3930
hypothyroid		0.0027	0.4987	0.0013	-0.0001	0.1282
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.3898	0.6102	0.4510	-0.0738	0.8469
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.1429	0.8571	0.1685	-0.4789	0.9254
iris		0.6667	0.2222	0.5543	0.4604	0.2761
irish		0.5000	0.5000	0.6312	0.0955	0.5307
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.1938	0.8062	0.1623	0.0000	0.3824
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.1564	0.8436	0.1352	0.0000	0.3319
kc1-class-level-defectiveornot		0.4000	0.6000	0.2857	0.0000	0.5239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.0000	0.4000	0.0000	-0.0833	0.3720
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.2115	0.7885	0.1746	0.0000	0.4033
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.0526	0.9474	0.0500	0.0000	0.1368
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.3750	0.6250	0.2727	0.0000	0.5170
krkopt		0.0036	0.1107	0.0075	0.0014	0.4906
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.5000	0.5000	0.6604	0.1818	0.5239
leaf		0.0294	0.0844	0.0032	-0.0294	0.3835
led24		0.1500	0.1889	0.1436	0.0957	0.3735
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.1389	0.1148	0.1308	0.0630	0.3812
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.3529	0.6471	0.4032	-0.1508	0.9067
loan		0.1148	0.8852	0.1104	-0.7355	0.9897
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.0377	0.2749	0.1930	0.0033	0.3924
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.2500	0.3000	0.0800	0.0000	0.3844
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.5556	0.4444	0.6667	0.1818	0.5283
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.3191	0.6809	0.3310	-0.3141	1.0000
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.1836	0.8164	0.1901	-0.3941	0.9555
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.3750	0.6250	0.3764	-0.2198	1.0000
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.2871	0.4752	0.2929	-0.0071	0.7236
math		0.1750	0.4125	0.2270	0.0000	0.5154
mba		0.0290	0.6473	0.1679	0.0072	0.3353
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1933	0.3227	0.1839	-0.0027	0.7874
messidor		0.4609	0.5391	0.4850	-0.0259	0.9534
meter-A		0.1250	0.8750	0.1111	-0.7500	0.9897
meter-B		0.4444	0.3704	0.4375	0.1818	0.4885
meter-C		0.2778	0.3611	0.2630	0.1333	0.4479

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-D		0.3333	0.3333	0.2845	0.2000	0.3054
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.1250	0.1750	0.1324	0.0278	0.5051
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.0250	0.1950	0.0436	-0.0833	0.5207
mice-prot		0.0926	0.2269	0.1648	-0.0059	0.5231
milk		0.4245	0.3836	0.4263	0.1350	0.6932
mines		0.1471	0.3412	0.1449	-0.0591	0.7061
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.4909	0.5091	0.3293	0.0000	0.5293
monks-2		0.3443	0.6557	0.2561	0.0000	0.5052
monks-3		0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral		0.6750	0.3250	0.7335	0.3500	0.4973
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.3333	0.2222	0.2667	0.2000	0.2258
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.0973	0.9027	0.0887	0.0000	0.2317
new-thyroid		0.1429	0.5714	0.0833	0.0000	0.3173
new-thyroidT		0.0476	0.9524	0.0455	-0.2069	0.5691
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.2917	0.4722	0.1522	0.0022	0.4345
nursery		0.0255	0.4873	0.0124	0.0000	0.4115
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.2870	0.3565	0.5981	0.1857	0.2829
occupancy		0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation		0.0582	0.4709	0.2876	0.0128	0.2445
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.1404	0.1910	0.1497	0.0858	0.3755
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ			0.0890	0.9110	0.0817	0.0000	0.2153
orl			0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P			0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer			0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr			0.0356	0.9644	0.0344	0.0000	0.0956
ozone8hr			0.0751	0.9249	0.0699	0.0000	0.1868
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP			0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.0256	0.3898	0.0100	0.0000	0.1127
parkinson			0.0083	0.9917	0.0083	-0.9245	0.9784
parkinsons			0.3934	0.6066	0.3858	-0.2231	1.0000
parkinsons-small			0.1579	0.8421	0.1868	-0.4340	0.8544
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.2808	0.7192	0.2192	0.0000	0.4675
pasture			0.5000	0.3333	0.2222	0.0000	0.3770
pc1			0.0721	0.9279	0.0672	0.0000	0.1803
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.0237	0.1953	0.0369	-0.0957	0.5799
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.3250	0.6750	0.2453	-0.0100	0.5499
phishing			0.4531	0.5469	0.4533	-0.0910	0.9918
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.1907	0.8093	0.2424	-0.2589	0.8440
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.3947	0.6053	0.2830	0.0000	0.5226
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.2460	0.7540	0.2505	-0.4105	1.0000
plant-growth			0.5263	0.4737	0.5345	0.0656	0.9580
plrx			0.5556	0.4444	0.4462	-0.1077	0.9442
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.0020	0.2852	0.0080	-0.0001	0.4165
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.4559	0.5441	0.3883	-0.0882	0.8662
prestige			0.5556	0.2963	0.5045	0.3684	0.3184
primary-tumor			0.1818	0.1259	0.0237	0.0000	0.3708
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.0926	0.9074	0.0847	0.0000	0.2225
raisin			0.4444	0.5556	0.4439	-0.1111	1.0000
rcv11%			0.0019	0.0487	0.0001	0.0000	0.3465
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.1011	0.2996	0.1754	-0.0048	0.5204
satimageF			0.1244	0.8756	0.5310	0.0039	0.2566
satimageT			0.1011	0.8989	0.0918	0.0000	0.2389
scadi			0.1429	0.3429	0.0500	0.0000	0.3800
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.5294	0.4706	0.5587	0.0588	0.7405
sclerosis			0.5185	0.4815	0.3415	-0.0734	0.8035
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.1429	0.5714	0.2115	-0.2857	0.5825
segment			0.1688	0.2375	0.2153	0.0136	0.4783
segmentation			0.3465	0.6535	0.3889	-0.1765	0.9422
segmentO			0.1126	0.8874	0.2121	-0.2046	0.5837
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.0907	0.9093	0.0831	0.0000	0.2187
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.0504	0.9496	0.0480	-0.0323	0.2499
sirtuin6			0.4000	0.6000	0.3902	-0.2000	1.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.0388	0.9612	0.0584	-0.4197	0.7411
smarket			0.0240	0.9760	0.0234	-0.9486	1.0000
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.2794	0.7206	0.3125	-0.2565	0.9496
soil_pollution			0.1800	0.3280	0.2007	-0.0190	0.7666
solar-flare			0.0288	0.3237	0.0094	-0.0082	0.4608
sonar			0.4500	0.5500	0.4246	-0.1000	0.9438
spam-detection			0.0920	0.9080	0.0842	0.0000	0.2214
spambase			0.0978	0.9022	0.0998	-0.6894	1.0000
spect			0.2222	0.7778	0.1818	0.0000	0.4150
spectf			0.2286	0.7714	0.2896	-0.1595	0.7908
spectrometer			0.0385	0.0712	0.0307	0.0166	0.3541
splice-EI			0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE			0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles			0.3700	0.6300	0.2701	0.0000	0.5154
squash-stored			0.4000	0.4000	0.3571	0.1667	0.5000
squash-unstored			0.6000	0.4000	0.5833	0.1667	0.9308
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.1897	0.8103	0.3225	-0.1186	0.6581
steel-d			0.0308	0.9692	0.0299	0.0000	0.0835
steel-k			0.0308	0.9692	0.0462	-0.4254	0.7351
steel-o			0.2769	0.7231	0.3198	-0.2144	0.9098
steel-p			0.0872	0.9128	0.5213	0.0009	0.2022
steel-s			0.0308	0.9692	0.0299	-0.0207	0.1663
steel-z			0.0821	0.9179	0.0758	-0.0312	0.3171
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.1806	0.8194	0.1529	0.0000	0.3656
stockb			0.4009	0.3994	0.3977	0.1002	0.6026
streaming			0.2080	0.7920	0.1796	-0.5063	1.0000
stress			0.2698	0.2921	0.3263	0.0806	0.3508
student-lifestyle			0.0250	0.3900	0.2576	0.0145	0.3956
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0600	0.3760	0.2088	0.0017	0.5356
student-weekend			0.1846	0.3262	0.0649	0.0069	0.4276
student-workday			0.0156	0.3937	0.0089	-0.0128	0.4821
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.0667	0.6222	0.0741	-0.4000	0.8098
telco-churn			0.2770	0.7230	0.5263	0.0046	0.4883
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.2368	0.7632	0.3107	-0.1849	0.8239
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
titanic			0.6773	0.3227	0.4038	0.0000	0.4575
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.2400	0.7600	0.1935	0.0000	0.4329
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.0476	0.3175	0.0152	0.0000	0.3614
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.5000	0.2500	0.3854	0.3333	0.2663
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.0327	0.9673	0.0316	0.0000	0.0883
ur3_cobotops_stop			0.0367	0.9633	0.0354	0.0000	0.0985
urban			0.0149	0.2189	0.0035	-0.0385	0.4855
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.0952	0.4524	0.1535	-0.2246	0.5751
vehicleVAN			0.0238	0.9762	0.0317	-0.5619	0.8163
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.4884	0.5116	0.3281	0.0000	0.5296
vowel			0.0505	0.1726	0.0685	-0.0444	0.5159
vowelZ			0.0808	0.9192	0.0748	-0.0204	0.2815
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.1080	0.5947	0.1122	-0.3424	0.8449
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.0741	0.6173	0.0460	0.0000	0.3984
Weekly			0.4444	0.5556	0.3077	0.0000	0.5302
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.6667	0.2500	0.0000	0.5000
wifi-loc			0.0100	0.4950	0.0186	-0.3200	0.5673
wilt			0.0455	0.9545	0.0436	-0.0083	0.1593
wine			0.0000	0.6667	0.0000	-0.2298	0.5371
winequality-red			0.0063	0.3312	0.0021	-0.0008	0.4119
winequality-white			0.0041	0.3320	0.0015	-0.0022	0.4714
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.0526	0.9474	0.0564	-0.7568	0.9688
yale			0.0625	0.1250	0.0078	0.0000	0.4106

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeast			0.0068	0.2207	0.0016	-0.0029	0.4495
yeastCYT-POX			0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2			0.0473	0.9527	0.0452	0.0000	0.1242
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 167: Detailed results for PRIM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1301	0.0828	0.0851	0.0603	0.5738
abalone19		0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18		0.7945	0.2055	0.5979	0.1358	0.4689
accelerometer		0.8847	0.1153	0.6487	0.1518	0.2994
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.8016	0.1984	0.4830	-0.0328	0.6707
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.0873	0.9127	0.0803	0.0000	0.2120
AID_1878		0.1810	0.8190	0.1532	0.0000	0.3661
AID_602330		0.1458	0.8542	0.5384	0.0101	0.1224
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8639	0.1361	0.8065	0.6081	0.5785
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.5905	0.1638	0.2224	0.1027	0.6255
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.8186	0.1814	0.7969	0.5897	0.6363
anneal		0.7079	0.1169	0.1658	0.0000	0.2204
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		0.9930	0.0070	0.8705	0.7027	0.5193
anuran-family		0.9513	0.0243	0.9298	0.9074	0.1926
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.4833	0.1033	0.0652	0.0000	0.2803
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.8125	0.1875	0.8193	0.6250	0.5933
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.5556	0.0889	0.0714	0.0000	0.2612
auction		0.7206	0.2794	0.7267	0.3399	0.5162
audiology		0.0455	0.1736	0.0079	0.0000	0.3844
audit-risk		0.0000	1.0000	0.0000	-0.9192	0.9694
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.1000	0.3600	0.0364	0.0000	0.4019
avila		0.2233	0.1295	0.0507	0.0998	0.4937
babies		0.4839	0.1475	0.1596	0.1844	0.4040
balance		0.7097	0.1935	0.4958	0.4492	0.4039
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.7143	0.2857	0.6918	0.3824	0.8136
biomed		0.8095	0.1905	0.7981	0.5962	0.6596
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9040	0.0274	0.1358	0.0083	0.4031
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5065	0.4935	0.5063	0.0123	0.9877
breast-cancer		0.4643	0.5357	0.5913	0.1176	0.6833
breast-cancer-co		0.4545	0.5455	0.4777	-0.0312	0.9055
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.1818	0.2727	0.1667	0.0198	0.4335
bridges		0.5000	0.1667	0.1111	0.0000	0.3136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9667	0.0333	0.9606	0.9180	0.1262
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9275	0.0725	0.9221	0.8321	0.2236
cancer-uae		0.3060	0.4627	0.3401	0.0162	0.6929
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography		0.3052	0.1390	0.1107	0.1389	0.3814
cardiotocography-nsp		0.7418	0.1721	0.4324	0.3822	0.5422
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3477	0.4349	0.1720	0.0000	0.4145
cars		0.6500	0.2333	0.4967	0.3785	0.5828
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9908	0.0092	0.6967	0.1608	0.2200
chrom191%		0.9853	0.0147	0.6970	0.1360	0.1846
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.8193	0.1807	0.5400	0.0740	0.6362
churn		0.7420	0.2580	0.6615	0.3132	0.7658
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.6905	0.2063	0.4569	0.3469	0.4118
cjs		0.2429	0.2524	0.0651	0.0000	0.3839
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.3991	0.3005	0.1426	0.0000	0.3286
climate		0.8889	0.1111	0.5950	0.1900	0.6824
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5374	0.3084	0.5227	0.2712	0.6895
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2241	0.1411	0.0333	0.0000	0.3196
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.8831	0.1169	0.8673	0.7258	0.5165
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.5517	0.4483	0.6105	0.1822	0.7966
colposcopies-2		0.6207	0.3793	0.6380	0.2599	0.8460
colposcopies-3		0.6207	0.3793	0.6256	0.2459	0.8861
colposcopies-4		0.5517	0.4483	0.4160	-0.1672	0.9551
colposcopies-5		0.6897	0.3103	0.4082	-0.1810	0.8560
colposcopies-6		0.5172	0.4828	0.5107	0.0193	0.9605
colposcopies-c		0.5517	0.4483	0.5505	0.0872	0.8036
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.7742	0.1505	0.7197	0.6401	0.2818
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons10%		0.5173	0.4827	0.3409	0.0000	0.5256
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7163	0.2837	0.7175	0.4320	0.7918
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.7500	0.1250	0.7957	0.6667	0.1607
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		0.4444	0.5556	0.4500	-0.0976	1.0000
cultivars		0.0625	0.0586	0.0417	0.0323	0.2667
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.1579	0.0082	0.8363
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.9599	0.0401	0.9228	0.8372	0.1899
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.6294	0.3706	0.5489	0.0843	0.7314
dermatology		0.0541	0.3153	0.0171	0.0000	0.4072
desharnais		0.7500	0.1667	0.5333	0.4074	0.2614
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.2500	0.5000	0.1333	0.0000	0.4234
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.5192	0.4808	0.5537	0.0947	0.8938
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.3833	0.3083	0.3902	0.2147	0.1930
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.4966	0.3356	0.2212	0.0000	0.3715
drug-01		0.2181	0.2234	0.1592	0.0502	0.5794
drug-02		0.2872	0.2036	0.1486	0.0502	0.6555
drug-03		0.4043	0.1986	0.1596	0.0351	0.7789

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-04		0.4468	0.1581	0.2142	0.0596	0.7358
drug-05		0.4309	0.1626	0.1338	-0.0016	0.4657
drug-06		0.0957	0.2584	0.0250	0.0000	0.3970
drug-07		0.2394	0.2535	0.1262	-0.0407	0.6403
drug-08		0.2447	0.2158	0.1609	0.0303	0.6343
drug-09		0.6702	0.1099	0.1916	0.0591	0.4405
drug-10		0.4521	0.1565	0.2474	0.1614	0.5976
drug-11		0.5319	0.1337	0.2157	-0.0042	0.4192
drug-12		0.4415	0.1862	0.1962	0.1018	0.6188
drug-13		0.4202	0.1657	0.2118	0.1684	0.5892
drug-14		0.3511	0.1854	0.1481	0.0553	0.7235
drug-15		0.5213	0.1368	0.1450	0.0844	0.7566
drug-16		0.4468	0.1844	0.2766	0.2216	0.5509
drug-17		0.2819	0.2052	0.3023	0.1296	0.7292
drug-18		0.9734	0.0266	0.4933	-0.0086	0.2805
drug-19		0.6489	0.1003	0.1234	0.0188	0.6104
drybean		0.0419	0.2737	0.1422	-0.1003	0.5890
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM		0.7576	0.2424	0.4310	0.0000	0.3942
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2200	0.3900	0.2161	-0.0375	0.8387
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.2323	0.7677	0.2252	-0.5497	1.0000
eeg10%		0.1387	0.1077	0.0152	0.0000	0.3662
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.2073	0.0933	0.0202	0.0000	0.3505
fertility		0.6000	0.4000	0.3750	-0.1765	0.5613
finance		0.4118	0.5882	0.3883	-0.2162	1.0000
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.6875	0.1042	0.5344	0.5897	0.1297
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.8654	0.0673	0.8567	0.8141	0.1540
gas		0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5116	0.3256	0.2819	-0.0281	0.6412
gene		0.5110	0.3260	0.2255	0.0000	0.3731
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.5101	0.4899	0.3378	0.0000	0.5269
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.0476	0.3175	0.0278	-0.1024	0.4781
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.6190	0.3810	0.5962	0.1923	0.9155
glassBWNFP		0.7143	0.2857	0.7361	0.4375	0.7044
glassContainers		0.8636	0.1364	0.4634	-0.0645	0.7409
glassNW		0.7143	0.2857	0.4167	-0.0862	0.8264
glassTableware		0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP		0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.8452	0.1548	0.8416	0.6829	0.5779
green		0.8000	0.2000	0.8276	0.6000	0.5000
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018
haberman		0.5000	0.5000	0.6664	0.1993	0.5068
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.2951	0.2014	0.0794	-0.0292	0.3864
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth		0.4492	0.0918	0.0517	0.0000	0.2692
harth1%		0.4493	0.0918	0.0517	0.0000	0.2692
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.4375	0.3750	0.2222	0.0137	0.3984
hcc-survival		0.5882	0.4118	0.3704	0.0000	0.5049
health-activity		0.6700	0.1650	0.3187	0.1508	0.7071
heart		0.5926	0.4074	0.5613	0.1187	0.9376
heart-attack		0.7419	0.2581	0.7417	0.4655	0.7192
heart-c		0.6000	0.4000	0.6166	0.1589	0.7379
heart-failure		0.8260	0.1740	0.8337	0.6391	0.5565
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6527	0.3473	0.6577	0.3104	0.8614
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.1429	0.2143	0.0500	-0.0500	0.3974
hinselmann		0.3000	0.7000	0.5858	0.0541	0.4150
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5000	0.3333	0.3269	0.0414	0.5816
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.8793	0.1207	0.7880	0.5181	0.5693
hypothyroid		0.0133	0.4934	0.0288	-0.1091	0.1712
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.5424	0.4576	0.5351	0.0646	0.8748
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.9146	0.8148	0.3671
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0372	0.0741	0.0028	0.0000	0.4203
jm1		0.1947	0.8053	0.5445	0.0004	0.3826
jvowels		0.1627	0.1861	0.0311	0.0000	0.3941
kc1		0.1659	0.8341	0.4719	-0.0043	0.3735
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.2115	0.7885	0.1746	0.0000	0.4033
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.5732	0.0427	0.0364	0.0000	0.1398
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2103	0.0877	0.1552	0.1156	0.5461
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc		0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		0.6667	0.3333	0.7500	0.4000	0.5283
leaf		0.0000	0.0870	0.0000	-0.0386	0.3260
led24		0.2000	0.1778	0.1465	0.0616	0.3638
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0380	0.0740	0.0028	0.0000	0.4195
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.6944	0.0407	0.7028	0.6719	0.1217
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7059	0.2941	0.6994	0.3863	0.7816
loan		0.9742	0.0258	0.9726	0.9451	0.1664
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.2642	0.2102	0.3655	0.0764	0.4546
lung		0.0476	0.3810	0.0182	0.0000	0.2983
lung_discrete		0.5000	0.2000	0.3750	0.3600	0.2776
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.4444	0.5556	0.4500	-0.0976	1.0000
lymphography		0.5714	0.2857	0.2424	0.0000	0.3175
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.8936	0.1064	0.8961	0.7857	0.4327
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7854	0.2146	0.7563	0.5036	0.6925
malware		0.8108	0.1892	0.4478	0.0000	0.3405
mammography		0.7396	0.2604	0.7521	0.4859	0.7121
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.5842	0.2772	0.6020	0.3713	0.5783
math		0.7750	0.1125	0.7655	0.6538	0.2871
mba		0.6484	0.2344	0.4057	0.2056	0.5464
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.1959	-0.0057	0.7936
messidor		0.6522	0.3478	0.6565	0.3083	0.8608
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		0.0000	0.6667	0.0000	-0.3729	0.7201
meter-C		0.5000	0.2500	0.5458	0.3278	0.3038
meter-D		0.5000	0.2500	0.3937	0.3333	0.3604

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.5350	0.0930	0.4697	0.4833	0.1958
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.8250	0.0350	0.8298	0.8056	0.1636
mice-prot		0.1389	0.2153	0.0347	0.0000	0.4174
milk		0.2075	0.5283	0.3081	-0.0627	0.6022
mines		0.4118	0.2353	0.4050	0.2696	0.4753
mobile		0.0175	0.0351	0.0006	0.0000	0.4297
monks-1		0.4909	0.5091	0.3293	0.0000	0.5293
monks-2		0.4098	0.5902	0.4807	-0.0281	0.8623
monks-3		0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.5178	0.4822	0.3412	0.0000	0.5256
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.5739	0.4261	0.3646	0.0000	0.5103
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.1667	0.2778	0.1667	0.0000	0.3261
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.8021	0.1979	0.7385	0.3829	0.5392
new-thyroid		0.4762	0.3492	0.4651	0.0128	0.3809
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		0.9427	0.0573	0.9030	0.8011	0.4332
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4167	0.3889	0.3320	0.0217	0.7524
nursery		0.3966	0.3017	0.2429	0.0971	0.4708
obesity		0.1517	0.2424	0.0376	0.0000	0.4015
obs		0.0093	0.4954	0.0050	-0.2534	0.5209
occupancy		0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation		0.1461	0.4269	0.5003	0.1026	0.1901
oh0-wc		0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc		0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc		0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc		0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.4386	0.1248	0.2041	0.2745	0.2927
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.0887	0.9113	0.0814	0.0000	0.2147
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0907	0.1819	0.0166	0.0000	0.4085

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9249	0.0751	0.6437	0.2613	0.5600
ozone8hr		0.8814	0.1186	0.6117	0.2217	0.6727
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.0000	0.4000	0.0000	-0.0189	0.3556
parkinson		0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons		0.7441	0.2559	0.7325	0.4642	0.7662
parkinsons-small		0.8421	0.1579	0.8508	0.6587	0.4882
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.7192	0.2808	0.4183	0.0000	0.4269
pasture		0.7500	0.1667	0.5714	0.6000	0.1321
pc1		0.8739	0.1261	0.7275	0.4018	0.5823
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia		0.2353	0.2185	0.0544	0.0000	0.3686
pendigits		0.5350	0.0930	0.5838	0.4829	0.2828
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.6582	0.3077	0.8309
persistency		0.6239	0.3761	0.3842	0.0000	0.4887
personalities		0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption		0.6600	0.3400	0.6185	0.2370	0.8794
phishing		0.8408	0.1592	0.8327	0.6654	0.5922
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc		0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%		0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%		0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%		0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr		0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%		0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%		0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%		0.1687	0.2375	0.0412	0.0000	0.3985
phoneme		0.8056	0.1944	0.8071	0.5844	0.6059
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.6974	0.3026	0.6816	0.3630	0.8330
pirvision		0.8165	0.1224	0.2997	0.0000	0.2067
placement		0.7570	0.2430	0.7477	0.4917	0.7373
plant-growth		0.6316	0.3684	0.6333	0.2652	0.8937
plrx		0.6667	0.3333	0.5282	0.0526	0.9011
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4156	0.1670	0.2054	0.0722	0.8619
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9306	0.0694	0.4820	0.0000	0.1724
polya		0.6422	0.3578	0.3910	0.0000	0.4790
popularity		0.6313	0.2458	0.2580	0.0000	0.2921
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
postures		0.2093	0.3163	0.0692	0.0000	0.4005

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
pred-tox_mutagen_ref-desc		0.5882	0.4118	0.6005	0.1765	0.8657
prestige		0.7778	0.1481	0.7222	0.6538	0.2586
primary-tumor		0.1818	0.1259	0.0237	0.0000	0.3708
processed		0.6779	0.3221	0.4040	0.0000	0.4571
profb		0.6866	0.3134	0.5921	0.1145	0.7209
promoters		0.4000	0.6000	0.2857	0.0000	0.5239
prostate		0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE		0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio		0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%		0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128		0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%		0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%		0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64		0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%		0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%		0.5002	0.4998	0.3334	0.0000	0.5283
pulsar		0.9737	0.0263	0.9171	0.8234	0.1493
raisin		0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc		0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc		0.2229	0.0622	0.0146	0.0000	0.3325
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578		0.4470	0.0230	0.0129	0.0000	0.2191
rice		0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq		0.3750	0.2500	0.1091	0.0000	0.3593
rocket		0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022		0.7689	0.0385	0.0724	0.0000	0.1480
satimage		0.6719	0.1094	0.5524	0.5934	0.3077
satimageF		0.9642	0.0358	0.9184	0.8315	0.4000
satimageT		0.8445	0.1555	0.7419	0.4315	0.6010
scadi		0.1429	0.3429	0.0500	0.0000	0.3800
schiller		0.4444	0.5556	0.6429	0.1509	0.4711
schizo		0.5294	0.4706	0.5315	0.0588	0.9560
sclerosis		0.9630	0.0370	0.9641	0.9256	0.1858
secom		0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom		0.5548	0.4452	0.3568	0.0000	0.5166
seeds		1.0000	0.0000	1.0000	1.0000	0.0000
segment		0.1645	0.2387	0.1181	0.0256	0.4820
segmentation		0.8069	0.1931	0.8071	0.6026	0.6336
segmentO		0.9740	0.0260	0.9539	0.9036	0.2939
seismic		0.9341	0.0659	0.4830	0.0000	0.1661
semeion		0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram		0.6237	0.3763	0.5584	0.0883	0.6284
sens-10-gram		0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sensorless		0.0908	0.1653	0.0151	0.0000	0.4085
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8459	0.1541	0.4583	0.0000	0.2991
shuttle		0.7859	0.0612	0.1257	0.0000	0.1287
sick		0.7162	0.2838	0.5998	0.1240	0.4491
sirtuin6		0.9000	0.1000	0.9083	0.8000	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9824	0.0176	0.9733	0.9466	0.1555
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.7240	0.2760	0.7411	0.4567	0.7167
soil_pollution			0.1900	0.3240	0.1789	-0.0144	0.8456
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.6500	0.3500	0.6741	0.3000	0.7546
spam-detection			0.1390	0.8610	0.5116	0.0034	0.2572
spambase			0.8761	0.1239	0.8696	0.7387	0.5021
spect			0.7407	0.2593	0.6897	0.3636	0.7481
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer			0.0192	0.0727	0.0123	-0.0023	0.3502
splice-EI			0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE			0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles			0.6300	0.3700	0.3865	0.0000	0.4856
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.4000	0.7059	0.2857	0.5283
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.6462	0.3538	0.6977	0.3107	0.6134
steel-d			0.8769	0.1231	0.5710	0.0993	0.4186
steel-k			0.2051	0.7949	0.1702	0.0000	0.3960
steel-o			0.2923	0.7077	0.2947	-0.3790	0.9861
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9897	0.0103	0.9348	0.8697	0.2729
steel-z			0.9231	0.0769	0.8490	0.6649	0.5368
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8403	0.1597	0.7506	0.4979	0.6799
stockb			0.4537	0.3642	0.3984	0.1789	0.5218
streaming			0.9280	0.0720	0.9308	0.8561	0.3155
stress			0.0000	0.4000	0.0000	-0.2572	0.4942
student-lifestyle			0.5500	0.1800	0.3366	0.2902	0.5677
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4100	0.2360	0.1972	0.0929	0.6410
student-weekend			0.3692	0.2523	0.2739	0.0966	0.6209
student-workday			0.2969	0.2812	0.1973	0.0028	0.5213
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4000	0.4000	0.3964	0.1000	0.7207
telco-churn			0.8239	0.1761	0.7713	0.5423	0.6733
texture			0.0582	0.1712	0.0100	0.0000	0.4133
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.5789	0.4211	0.5873	0.1579	0.8352
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.7364	0.2636	0.7103	0.4184	0.7820
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6670	0.3307	0.8305
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6000	0.4000	0.6221	0.2055	0.7446
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.2250	0.3875	0.1728	-0.0333	0.6681
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.7755	0.2245	0.6081	0.1024	0.3080
ur3_cobotops_stop			0.8558	0.1442	0.6886	0.2480	0.4147
urban			0.0448	0.2123	0.0285	-0.0166	0.4844
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.6786	0.1607	0.6226	0.5658	0.3589
vehicleVAN			0.9286	0.0714	0.9135	0.8209	0.4048
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.4884	0.5116	0.3281	0.0000	0.5296
vowel			0.4343	0.1028	0.4748	0.3778	0.2965
vowelZ			0.8586	0.1414	0.4620	-0.0694	0.7435
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.7760	0.1493	0.7776	0.6641	0.4588
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.6148	0.2568	0.5939	0.3938	0.5198
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9400	0.0600	0.7849	0.5377	0.5722
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5975	0.1342	0.3394	0.3579	0.4480
winequality-white			0.3231	0.2256	0.0981	0.0287	0.7091
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.3176	0.1517	0.1193	0.1111	0.3404
yeastCYT-POX			0.8776	0.1224	0.4674	-0.0576	0.5101
yeastEXC			0.9189	0.0811	0.6381	0.2183	0.4747

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastME1			0.9797	0.0203	0.8759	0.7176	0.5112
yeastME2			0.9257	0.0743	0.6143	0.2277	0.6322
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 168: Detailed results for PRISM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0048	0.0948	0.0005	0.0000	0.3920
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.6000	0.4000	0.6774	0.2000	0.5164
adult		0.7856	0.2144	0.6470	0.2012	0.6095
advanced-iot		0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6000	0.4000	0.5238	0.0476	0.9294
AID644red		0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8685	0.1315	0.8140	0.5712	0.3667
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8510	0.1490	0.6046	0.0083	0.3150
airline		0.8842	0.1158	0.8898	0.7570	0.3312
alcohol		0.7048	0.1181	0.2602	0.0466	0.2157
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.7628	0.2372	0.7373	0.4047	0.5808
anneal		0.9775	0.0090	0.7843	0.9509	0.0279
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.8818	0.0591	0.8607	0.7581	0.1701
anuran-genus		0.8790	0.0302	0.7745	0.7824	0.1180
anuran-species		0.8792	0.0242	0.8056	0.8215	0.1163
anxiety		0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality		0.6450	0.3550	0.7019	0.2900	0.5784
aps-failure		0.9822	0.0178	0.6711	0.0283	0.0610
arabidopsis0.1%		0.9706	0.0294	0.4925	-0.0125	0.3951
arcene		0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia		0.6000	0.0800	0.2022	0.1777	0.3320
auction		0.9069	0.0931	0.7615	0.3913	0.2180
audiology		0.0455	0.1736	0.0079	0.0000	0.3844
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adolescent		0.8182	0.1818	0.8136	0.5600	0.3750
autism-adult		0.8429	0.1571	0.8211	0.6330	0.6065
autism-child		0.6552	0.3448	0.6546	0.3062	0.8683
autos		0.5000	0.1667	0.3449	0.2933	0.2835
babies		0.3710	0.1797	0.0782	-0.0246	0.3336
balance		0.6774	0.2151	0.4761	0.3998	0.3940
bank		0.8980	0.1020	0.6737	0.2062	0.3962
banknote		0.8467	0.1533	0.8586	0.6788	0.3693
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8479	0.1521	0.8397	0.6410	0.4127
bio		0.9946	0.0054	0.8185	0.5883	0.1774
bio10%		0.9945	0.0055	0.8235	0.6337	0.3330
biodeg		0.8000	0.2000	0.7843	0.5523	0.6307
biomed		0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
body-perf		0.3679	0.3160	0.4716	0.1572	0.4392
bookings		0.9697	0.0202	0.6481	0.9346	0.0758
brain-tumor		0.5100	0.4900	0.5201	0.0175	0.7612
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.6364	0.3636	0.6857	0.2143	0.5000
breast-tissue		0.3636	0.2121	0.2350	0.2062	0.3312
bridges		0.6000	0.1143	0.2500	0.2593	0.2276
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9275	0.0725	0.9221	0.8321	0.2236
cancer-uae		0.4930	0.3380	0.3070	0.0023	0.3876
car		0.7701	0.1149	0.3722	0.3288	0.2056
car-insurance		0.7790	0.2210	0.7344	0.3786	0.5238
card		0.8406	0.1594	0.8389	0.6616	0.5218
cardiotocography		0.4085	0.1183	0.3100	0.2177	0.3189
cardiotocography-nsp		0.8639	0.0908	0.7183	0.5440	0.3451
cardiovascular		0.6905	0.3095	0.6977	0.3808	0.7953
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0098
cars		0.7000	0.2000	0.4480	0.2993	0.3133
cas_N6512_RDkit_Avalon_FP		0.7439	0.2561	0.7469	0.4736	0.7078
cas_N6512_rdkit_descriptors		0.6046	0.3954	0.6264	0.1591	0.6923
cas_N6512_rdkit_LAYERED		0.6862	0.3138	0.6887	0.3510	0.7781
cas_N6512_rdkit_MACCS		0.5591	0.4409	0.6040	0.0476	0.5638
cas_N6512_RDkit_MACCS_FP		0.5859	0.4141	0.6006	0.1176	0.7156
cdc_diabetes		0.8433	0.1044	0.3997	0.0206	0.1969
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8211	0.5667	0.0839
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9970	0.0030	0.4992	-0.0010	0.4761
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia		0.7055	0.1473	0.5391	0.5386	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8080	0.1920	0.6525	0.1006	0.4062
churn-bigml		0.8727	0.1273	0.7037	0.2007	0.2671

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ci900367j_MACCS		0.6526	0.3474	0.6101	0.1245	0.6794
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.6429	0.2381	0.4354	0.2085	0.3880
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.6824	0.1588	0.4751	0.4767	0.3422
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.4167	0.3889	0.3467	0.0667	0.5311
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4354	0.3764	0.3994	0.0143	0.3909
cnae-9		0.8426	0.0350	0.8511	0.8229	0.1492
codon_usage		0.0138	0.1793	0.0025	0.0000	0.3570
coil20		0.0556	0.0944	0.0053	0.0000	0.4152
college		0.8442	0.1558	0.7983	0.5951	0.6222
collins		0.0200	0.1307	0.0026	0.0000	0.4026
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6897	0.3103	0.6221	0.1767	0.7276
colposcopies-2		0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3		0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4		0.7241	0.2759	0.5767	0.1008	0.7373
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.5862	0.4138	0.6117	0.1512	0.7438
colposcopies-c		0.7931	0.2069	0.6969	0.2018	0.3671
column-2c		0.8710	0.1290	0.8558	0.6702	0.3064
column-3c		0.5806	0.2796	0.4378	0.2324	0.4372
connect-4		0.9821	0.0119	0.6164	0.3521	0.0675
cottonmeloidogyne		0.5048	0.4952	0.3355	0.0000	0.5277
coupon		0.6041	0.3959	0.6188	0.0970	0.6001
covid19		0.4884	0.1462	0.2031	0.0311	0.2498
covtype		0.5826	0.1193	0.4119	0.2155	0.2299
covtype10%		0.5940	0.1160	0.3663	0.2394	0.2438
covtypeCD		0.9210	0.0790	0.8162	0.5575	0.1976
covtypeT		0.9319	0.0681	0.6701	0.0473	0.1703
crabs		0.6500	0.1750	0.6085	0.5333	0.2223
creditcard_trans		0.9991	0.0009	0.8478	0.6746	0.2205
creditcard_trans10%		0.9986	0.0014	0.7605	0.4993	0.3807
crowdsourced		0.8553	0.0482	0.6600	0.6504	0.2364
cryotherapy		0.5556	0.4444	0.3571	0.0000	0.5164
cultivars		0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1733	0.2756	0.0492	-0.0040	0.4226
cyclopentane		0.5556	0.4444	0.3571	0.0000	0.5164
cylinder-bands		0.4815	0.5185	0.5163	0.0270	0.9137
darwin		0.6111	0.3889	0.6858	0.2222	0.5142
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7820	0.2180	0.6255	0.0243	0.3959
defect		0.8704	0.1296	0.7141	0.3319	0.4605
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8874	0.1126	0.6506	0.0779	0.3029
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.8108	0.0631	0.8166	0.7554	0.1495
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
df_final		0.5000	0.3333	0.3926	0.2000	0.5494
DIA		0.7667	0.2333	0.6645	0.0968	0.3895
diabetes		0.8462	0.1538	0.8396	0.6556	0.4818
diabetes-100k		0.9154	0.0846	0.6046	0.0650	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
diabetes-risk		0.8177	0.1823	0.6781	0.1985	0.4446
diabetic1%		0.5098	0.3268	0.3169	0.0262	0.6046
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.6500	0.1750	0.5280	0.4978	0.3354
diamonds_all		0.4045	0.2382	0.2357	0.0113	0.3554
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.9920	0.0080	0.4980	-0.0037	0.4173
dota210%		0.5301	0.4699	0.5281	0.0562	0.9821
drebin		0.9768	0.0232	0.9753	0.9505	0.1498
dropout		0.6275	0.2483	0.5316	0.3036	0.4259
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2606	0.2112	0.1465	0.0151	0.3952
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5798	0.1201	0.1831	0.0351	0.2566
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1368	0.0979	0.0000	0.2706
drug-17		0.3245	0.1930	0.0700	0.0000	0.3521
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.7142	0.0817	0.7095	0.6413	0.2618
ecoli		0.6765	0.0809	0.3834	0.4953	0.2424
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2700	0.3650	0.1905	0.0139	0.4217
eeg		0.0115	0.1236	0.0014	0.0000	0.3917
eeg-eye		0.6202	0.3798	0.6545	0.1703	0.5873
eeg10%		0.0102	0.1237	0.0013	0.0000	0.3919
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4247	0.2301	0.3602	0.2118	0.4169
euthyroid		0.9209	0.0791	0.7359	0.3021	0.1921
exon.vs.intron-freq		0.4731	0.5269	0.3212	0.0000	0.5305
exon.vs.intron-freq10%		0.8724	0.1276	0.8788	0.7413	0.4234
fakenews		0.5075	0.4925	0.5058	0.0088	0.9129
fbis-wc		0.0163	0.1157	0.0019	0.0000	0.3803
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.6600	0.1133	0.4508	0.3753	0.2763
fishcatch		0.5625	0.1458	0.5079	0.3978	0.2423
flags		0.6000	0.1000	0.3529	0.4684	0.2062
forest		0.7500	0.1250	0.7427	0.6483	0.2619
gas		0.8289	0.0570	0.8576	0.7900	0.1792
gastrointestinal		0.6250	0.2500	0.4647	0.3425	0.4490
gender		0.5937	0.2709	0.3657	0.0166	0.3372

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
gene			0.8675	0.0883	0.8591	0.7862	0.3240
german			0.6500	0.3500	0.5526	0.0642	0.7808
gestures			0.5899	0.2051	0.6347	0.4529	0.4792
gina			0.6311	0.3689	0.6817	0.2515	0.6112
gisette			0.6243	0.3757	0.6482	0.2486	0.7801
glass			0.4762	0.1746	0.3367	0.2222	0.2869
glass-g2			0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP			0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP			0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers			0.9091	0.0909	0.4762	0.0000	0.2092
glassNW			0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware			0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.8421	0.1579	0.8623	0.6885	0.4011
glioma			0.4000	0.3000	0.3409	0.2105	0.2869
glioma-grade			0.7976	0.2024	0.7898	0.5750	0.6619
green			0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage			0.2667	0.3667	0.1730	-0.0784	0.5185
gsalc			0.6667	0.1111	0.6900	0.6087	0.1529
haberman			0.7333	0.2667	0.4231	0.0000	0.4155
har			0.6473	0.1411	0.7056	0.5340	0.3095
har70			0.6329	0.1049	0.3446	0.3604	0.2608
har701%			0.6960	0.0869	0.3787	0.4888	0.2526
har7010%			0.6314	0.1053	0.3436	0.3564	0.2570
harth			0.0012	0.1665	0.0002	0.0000	0.3230
harth1%			0.0012	0.1665	0.0002	0.0000	0.3229
harth10%			0.0012	0.1665	0.0002	0.0000	0.3230
hayes-roth			0.5000	0.3333	0.3590	0.1233	0.4090
hcc-survival			0.4118	0.5882	0.3604	-0.2687	1.0000
health-activity			0.7700	0.1150	0.2175	0.0000	0.1937
heart			0.8519	0.1481	0.8571	0.6747	0.3522
heart-attack			0.8065	0.1935	0.8110	0.5991	0.5760
heart-c			0.7000	0.3000	0.7171	0.3779	0.6780
heart-failure			0.8160	0.1840	0.7759	0.5325	0.6160
heart-quantum			0.8800	0.1200	0.8764	0.7414	0.4310
hepatitis			0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%			0.7532	0.2468	0.7796	0.5047	0.5728
hERG-121inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%			0.5718	0.4282	0.5953	0.0968	0.6887
higgs1%			0.5639	0.4361	0.6003	0.0759	0.6238
higher			0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann			0.8000	0.2000	0.4444	0.0000	0.3522
hitters			0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa			0.8820	0.1180	0.7648	0.5043	0.5445
hiva			0.9433	0.0567	0.5571	0.1137	0.6245
horse			0.6389	0.2407	0.5963	0.2877	0.3461
hotel-reservartions			0.7412	0.2588	0.7006	0.2730	0.5174
hr			0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor			0.7409	0.1728	0.7861	0.6019	0.3057
ht-sensor10%			0.7286	0.1809	0.7780	0.5828	0.3045
htru2			0.9542	0.0458	0.8548	0.7071	0.4234
hypothyroid			0.9125	0.0438	0.3473	0.0539	0.0956
hypothyroidT			0.9284	0.0716	0.6650	0.1663	0.3257
ilpd			0.6780	0.3220	0.4865	-0.0163	0.8299
immuno-therapy			0.7778	0.2222	0.4375	0.0000	0.3750
instagram			0.8660	0.0670	0.8705	0.8213	0.2141

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ionosphere			0.8571	0.1429	0.8291	0.6421	0.5116
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			0.9800	0.0200	0.9800	0.9592	0.1023
jm1			0.8062	0.1938	0.4464	0.0000	0.3455
jvowels			0.6436	0.0792	0.7188	0.5872	0.2379
kc1			0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot			0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect			0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF			0.9333	0.0667	0.4828	0.0000	0.1675
kc2			0.7885	0.2115	0.4409	0.0000	0.3643
kddcup991%			0.0020	0.1535	0.0003	0.0000	0.2182
kddcup9910%			0.0000	0.1053	0.0000	0.0000	0.1949
kepler			0.7082	0.1946	0.6709	0.4592	0.3804
kidney			0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease			0.9500	0.0500	0.9479	0.8904	0.1808
krkopt			0.0139	0.1096	0.0015	0.0000	0.3693
krvskp			0.9969	0.0031	0.9969	0.9937	0.0250
labor			0.6667	0.3333	0.4000	0.0000	0.4644
leaf			0.0294	0.0844	0.0025	0.0000	0.4116
led24			0.3500	0.1300	0.2781	0.2464	0.2936
lenses			0.3333	0.4444	0.1667	0.0000	0.4167
letter			0.0355	0.0742	0.0026	0.0000	0.4201
leukemia			0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2			0.8571	0.1429	0.8750	0.7200	0.4011
libra			0.0556	0.1259	0.0070	0.0000	0.4122
linkage			0.9964	0.0036	0.6134	0.0150	0.0587
linkage1%			0.9962	0.0038	0.4990	-0.0003	0.2193
linkage10%			0.9963	0.0037	0.6045	0.0276	0.1021
liver			0.6765	0.3235	0.4035	0.0000	0.4580
loan			0.8829	0.1171	0.8812	0.7345	0.3042
localization			0.0316	0.1761	0.0056	0.0000	0.3471
localization10%			0.0316	0.1761	0.0056	0.0000	0.3472
lrs			0.6981	0.0604	0.3012	0.5494	0.1889
lung			0.9048	0.0381	0.7356	0.7971	0.0831
lung_discrete			0.5000	0.1429	0.2286	0.3333	0.2048
lung-cancer			0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-michigan			0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario			0.6667	0.3333	0.7500	0.4000	0.5283
lupus			0.5556	0.4444	0.3571	0.0000	0.5164
lymphography			0.8571	0.0714	0.4500	0.7083	0.1472
lymphoma2			0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure			0.9043	0.0957	0.9021	0.7991	0.3880
madelon			0.5769	0.4231	0.6381	0.1538	0.6288
magic04			0.7564	0.2436	0.7393	0.3689	0.4795
malware			1.0000	0.0000	1.0000	1.0000	0.0000
mammography			0.8125	0.1875	0.8231	0.6165	0.5323
marketing			0.8795	0.1205	0.7113	0.3259	0.4539
maternal			0.4455	0.3696	0.3585	0.1297	0.5791
math			0.4750	0.2625	0.2840	0.1054	0.3873
mba			0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders			0.6667	0.1667	0.7500	0.5556	0.2654
mental-health			0.2067	0.3173	0.0685	0.0000	0.4010
messidor			0.6870	0.3130	0.6835	0.3257	0.7489
meter-A			0.6250	0.3750	0.5749	0.1429	0.9116
meter-B			0.6667	0.2222	0.7135	0.4375	0.3086
meter-C			0.6111	0.1944	0.6621	0.4684	0.3272
meter-D			0.7778	0.1111	0.8031	0.6828	0.1630
mfeat-fac			0.8700	0.0260	0.8914	0.8556	0.1248

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-fou		0.4950	0.1010	0.5702	0.4389	0.3095
mfeat-kar		0.7250	0.0550	0.8004	0.6944	0.1867
mfeat-mor		0.3150	0.1370	0.3519	0.2389	0.3084
mfeat-pix		0.6900	0.0620	0.7546	0.6556	0.2264
mfeat-zer		0.4650	0.1070	0.5451	0.4056	0.3110
mice-prot		0.9352	0.0162	0.9380	0.9257	0.0514
milk		0.6415	0.2390	0.7093	0.4223	0.3185
mines		0.3529	0.2588	0.2236	0.1605	0.4053
mobile		0.0175	0.0351	0.0006	0.0000	0.4297
monks-1		0.5273	0.4727	0.6266	0.0702	0.5270
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		0.9988	0.0012	0.9988	0.9975	0.0115
music		0.0350	0.1755	0.0061	0.0000	0.3819
musk		0.9167	0.0833	0.8252	0.6032	0.3104
MUT_ci300400a_cdk_ESTATE		0.6367	0.3633	0.6482	0.1523	0.5811
MUT_ci300400a_cdk_FCFP2		0.6970	0.3030	0.6998	0.3152	0.6339
MUT_ci300400a_cdk_MACCS		0.6811	0.3189	0.6870	0.2730	0.6181
MUT_ci300400a_rdkit_descriptors		0.6692	0.3308	0.6781	0.2571	0.6356
myocardial		0.8647	0.0338	0.2609	0.2759	0.1762
naticusdroid		0.9257	0.0743	0.9286	0.8513	0.3081
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.1852	0.0317	0.0000	0.3342
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.8571	0.0952	0.7816	0.6111	0.1771
new-thyroidT		0.9048	0.0952	0.8056	0.6111	0.5744
newspop		0.5721	0.4279	0.5819	0.0987	0.7541
NHANES_age_prediction		0.8414	0.1586	0.5808	0.0365	0.4386
nomao		0.9071	0.0929	0.8856	0.7502	0.2977
NPHA-doctor-visits		0.5139	0.3241	0.2263	-0.0223	0.4554
nursery		0.8673	0.0531	0.6571	0.8037	0.1448
obesity		0.3934	0.1733	0.4475	0.2806	0.3414
obs		0.6111	0.1944	0.6068	0.3258	0.2816
occupancy		0.8901	0.1099	0.8403	0.6788	0.5231
Occupancy_Estimation		0.7167	0.1417	0.4301	0.0390	0.3056
oh10-wc		0.4000	0.1200	0.4044	0.3067	0.4790
oh15-wc		0.3804	0.1239	0.3521	0.3040	0.5404
oh5-wc		0.2967	0.1407	0.2953	0.2040	0.5852
olive		0.7018	0.0663	0.6481	0.5973	0.1998
opn310k10%		0.9142	0.0858	0.6347	0.1456	0.4244
optdigits		0.3701	0.1260	0.4766	0.3055	0.3334
optdigitsZ		0.9715	0.0285	0.9063	0.7990	0.1631
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8579	0.7143	0.5399
page-blocks		0.9415	0.0234	0.5873	0.5895	0.2256
parkinson		0.8417	0.1583	0.8441	0.6537	0.4341
parkinsons		0.7109	0.2891	0.6792	0.3358	0.7803
parkinsons-small		0.8421	0.1579	0.7857	0.5649	0.6183
particle		0.8714	0.1286	0.8349	0.6441	0.4442
particle10%		0.8785	0.1215	0.8435	0.6752	0.4796
pasture		0.5000	0.3333	0.5333	0.3333	0.1875
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcos		0.9800	0.0200	0.9685	0.9367	0.1571

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pd			0.7763	0.2237	0.6679	0.3200	0.7552
pendigits			0.4786	0.1043	0.6269	0.4252	0.2836
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.7551	0.2449	0.7309	0.4511	0.7356
pet-adoption			0.8450	0.1550	0.8270	0.6055	0.3990
phishing			0.9347	0.0653	0.9315	0.8609	0.3033
PhiUSIIL10%			0.9729	0.0271	0.9728	0.9441	0.1259
phone-acc0.1%			0.3836	0.1761	0.3915	0.2636	0.3278
phone-acc1%			0.4166	0.1667	0.4847	0.3035	0.3152
phone-acc10%			0.3883	0.1748	0.4695	0.2692	0.3266
phone-gyr			0.2162	0.2239	0.2948	0.0581	0.3868
phone-gyr0.1%			0.1795	0.2344	0.2153	0.0133	0.4075
phone-gyr1%			0.1827	0.2335	0.2398	0.0174	0.3998
phone-gyr10%			0.1992	0.2288	0.2717	0.0374	0.3920
phoneme			0.7574	0.2426	0.6862	0.1983	0.4447
phy			0.5698	0.4302	0.6220	0.1357	0.6620
pima			0.6711	0.3289	0.6617	0.2057	0.6126
pirvision			0.9798	0.0135	0.9638	0.9335	0.0635
placement			0.6170	0.3830	0.6069	0.1134	0.6758
plant-growth			0.6316	0.3684	0.6907	0.2312	0.5049
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.5013	0.1108	0.2142	0.0047	0.1782
poker1%			0.5015	0.0997	0.1030	0.0052	0.1842
poker10%			0.5000	0.1250	0.1251	0.0009	0.1926
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9408	0.0592	0.7206	0.2419	0.1548
polya			0.6822	0.3178	0.6245	0.1891	0.7474
popularity			0.6323	0.2451	0.3693	0.0071	0.3139
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2901	0.2839	0.3731	0.1164	0.5219
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7556	0.4412	0.5855
prestige			0.6667	0.2222	0.5392	0.4255	0.3013
primary-tumor			0.0909	0.1399	0.0128	0.0000	0.3829
processed			0.3221	0.6779	0.2436	0.0000	0.4941
profb			0.6866	0.3134	0.5973	0.0881	0.6346
promoters			0.6000	0.4000	0.6250	0.2308	0.8533
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.8672	0.0531	0.8497	0.8181	0.1594
puc-rio10%			0.8141	0.0744	0.7906	0.7438	0.2055
pufs-1281%			0.5105	0.4895	0.5106	0.0210	0.9906
pufs-641%			0.5008	0.4992	0.5008	0.0011	0.9124
pulsar			0.9553	0.0447	0.8660	0.7319	0.4430
raisin			0.8333	0.1667	0.8482	0.6667	0.4727
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9687	0.0313	0.9691	0.9363	0.1435
rocket			0.5936	0.4064	0.5458	0.0068	0.5526
satimage			0.7216	0.0928	0.7345	0.6501	0.2743
satimageF			0.9891	0.0109	0.9714	0.9421	0.0920
satimageT			0.9207	0.0793	0.7346	0.3822	0.3875
scadi			0.5714	0.1714	0.2839	0.3438	0.2110
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5000	0.5000	0.5000	0.0000	0.7508
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.9995	0.0005	0.9995	0.9990	0.0049
seeds			0.8571	0.0952	0.8660	0.7857	0.2176
segment			0.7879	0.0606	0.8351	0.7539	0.1786
segmentation			0.7426	0.2574	0.7082	0.3640	0.6707
segmentO			0.9870	0.0130	0.9739	0.9476	0.1291
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9748	0.0252	0.9305	0.8610	0.3001
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8737	0.1263	0.6404	0.0934	0.3668
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8632	0.1368	0.5313	0.0179	0.4988
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.9079	0.0263	0.4581	0.7087	0.1306
sick			0.9390	0.0610	0.6936	0.1397	0.1576
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9069	0.0931	0.8495	0.6833	0.4123
skin10%			0.9060	0.0940	0.8483	0.6768	0.3966
smarket			0.7920	0.2080	0.8198	0.5796	0.4333
smart-farming			0.2200	0.3900	0.1681	-0.0495	0.8155
smoking			0.6439	0.3561	0.5969	0.0447	0.5580
soil_pollution			0.1967	0.3213	0.2187	-0.0122	0.4909
solar-flare			0.4748	0.1751	0.4286	0.2866	0.2686
sonar			0.6500	0.3500	0.6741	0.3000	0.7546
soybean			0.1324	0.0913	0.0123	0.0000	0.3690
spam-detection			0.9320	0.0680	0.7558	0.4398	0.3698
spambase			0.7196	0.2804	0.7211	0.3375	0.5475
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.0192	0.0727	0.0014	0.0000	0.4054
splice-EI			0.9495	0.0505	0.9353	0.8695	0.3294
splice-IE			0.9022	0.0978	0.8640	0.7280	0.4958
sport-articles			0.7900	0.2100	0.7702	0.5143	0.6285
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.4000	0.4000	0.1905	0.0000	0.2619
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5237	0.3175	0.3817	0.0208	0.3736
steel-b			0.7949	0.2051	0.6520	0.0380	0.3587
steel-d			0.9744	0.0256	0.7333	0.2794	0.0817
steel-k			0.9641	0.0359	0.9443	0.8823	0.1215
steel-o			0.6667	0.3333	0.6116	0.0649	0.5508
steel-p			0.9179	0.0821	0.6063	0.0946	0.4184
steel-s			0.9692	0.0308	0.7632	0.4859	0.3813
steel-z			0.9538	0.0462	0.8568	0.7027	0.3563
stellar			0.8322	0.1119	0.8114	0.6696	0.2839
stock			0.8472	0.1528	0.6908	0.2929	0.5292
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.7920	0.2080	0.7992	0.5652	0.5729
stress			0.6984	0.1206	0.6664	0.6249	0.1632
student-lifestyle			0.4550	0.2180	0.1964	0.0076	0.3475

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
student-depression			0.7677	0.2323	0.7667	0.4894	0.6047
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.4000	0.2400	0.2448	0.0694	0.4311
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.7000	0.3000	0.7248	0.3671	0.6058
susy10%			0.4580	0.5420	0.3141	0.0000	0.5307
tae			0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn			0.8366	0.1634	0.7781	0.4982	0.4807
texture			0.0836	0.1666	0.0140	0.0000	0.4080
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis10%			0.7537	0.2463	0.6922	0.3808	0.7722
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1250	0.2933	0.3143	0.2130
tox_171			0.6471	0.1765	0.6962	0.5342	0.2655
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.4634	0.1192	0.2420	0.3156	0.3575
trec12-wc			0.5806	0.1048	0.5025	0.4605	0.2515
trec21-wc			0.7879	0.0848	0.3970	0.4310	0.1671
trec23-wc			0.5714	0.1429	0.3292	0.3700	0.3403
trec31-wc			0.1183	0.2939	0.0353	0.0000	0.3614
trec45-wc			0.3913	0.1217	0.2420	0.2737	0.4447
tuandromd			0.9776	0.0224	0.9647	0.9286	0.1463
turkish			0.5500	0.2250	0.6198	0.4000	0.4252
tvnews1%			0.8154	0.1846	0.8046	0.5662	0.5045
tvnews10%			0.7949	0.2051	0.7791	0.5152	0.5655
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.6418	0.0796	0.5963	0.5691	0.2565
urinalysis			0.9650	0.0350	0.8088	0.5311	0.1051
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.5357	0.2321	0.6051	0.4076	0.3698
vehicleVAN			0.8452	0.1548	0.7804	0.5517	0.6124
voice			0.7500	0.2500	0.7044	0.4000	0.7643
vote			0.8140	0.1860	0.8280	0.6301	0.5432
vowel			0.0909	0.1653	0.0152	0.0000	0.4085
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
warpar10p			0.3077	0.1385	0.3288	0.2452	0.2871
warppie10p			0.6190	0.0762	0.6739	0.5779	0.1594
watch-acc			0.4002	0.1714	0.5264	0.2797	0.3187
watch-acc1%			0.4033	0.1705	0.5052	0.2836	0.3143
watch-acc10%			0.3962	0.1725	0.5179	0.2749	0.3179
watch-gyr			0.3722	0.1794	0.4327	0.2558	0.3198
watch-gyr1%			0.3796	0.1773	0.4438	0.2644	0.3201
watch-gyr10%			0.3793	0.1773	0.4361	0.2643	0.3185
water_pollution			0.2600	0.3700	0.1037	0.0001	0.4144
waveform			0.6620	0.2253	0.7032	0.4929	0.4723
weather-related			0.0635	0.1703	0.0109	0.0000	0.3962
web-phishing			0.7481	0.1679	0.6637	0.5120	0.3605
Weekly			0.9259	0.0741	0.9288	0.8475	0.2500
weight-lift			0.7271	0.1091	0.7542	0.6510	0.3290
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wifi-loc			0.7800	0.1100	0.8078	0.7067	0.2458
wilt			0.9565	0.0435	0.7142	0.2135	0.1226
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4591	0.1803	0.2153	0.0650	0.3291
winequality-white			0.4765	0.1496	0.1920	0.0759	0.3289
winnipeg10%			0.9558	0.0126	0.9495	0.9439	0.0789
wisc_bc			0.8947	0.1053	0.8869	0.7738	0.4630
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.2770	0.1446	0.1077	0.0468	0.3269
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.8151	0.0370	0.8373	0.7901	0.1735

Table 169: Detailed results for QDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1773	0.0476	0.1342	0.1200	0.4990
abalone19		0.6986	0.3014	0.4113	-0.0142	0.0673
abalone9-18		0.9589	0.0411	0.8715	0.7068	0.5112
accelerometer		0.9819	0.0181	0.5917	0.0618	0.2709
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9329	0.0671	0.8609	0.7219	0.4771
adult		0.2604	0.7396	0.5596	0.0143	0.4410
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.6667	0.3333	0.5922	0.1661	0.7494
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.5556	0.4444	0.4928	-0.0105	0.6414
AID1284red		0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608Morered		0.8544	0.1456	0.4607	-0.0782	0.6585
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.8949	0.1051	0.5204	0.0185	0.2434
AID373AID439red		0.7434	0.2566	0.4264	-0.0003	0.0022
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.7655	0.2345	0.4336	-0.0060	0.0340
AID604		0.2674	0.7326	0.5600	0.0026	0.0138
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.6784	0.3478	0.8010
AID644red		0.6500	0.3500	0.3939	-0.0938	0.8482
AID687AID721red		0.9797	0.0203	0.4949	-0.0012	0.0460
AID687red		0.9549	0.0451	0.5151	0.0076	0.1144
AID688red		0.2174	0.7826	0.5327	0.0030	0.0380
AID721morered		0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red		0.3333	0.6667	0.4044	-0.1250	0.7560
AID746AID1284red		0.8801	0.1199	0.5117	0.0008	0.0189
AID746red		0.2387	0.7613	0.5428	0.0028	0.0249
aids		0.8310	0.1690	0.7555	0.5032	0.6563
air_pollution		0.1533	0.2419	0.1556	0.0151	0.8430
air-booking		0.1640	0.8360	0.5277	0.0039	0.3338
airline		0.8315	0.1685	0.8318	0.6610	0.5976
alcohol		0.5905	0.1638	0.3261	0.2258	0.4548
all-aml		0.1667	0.8333	0.1429	-0.3636	0.9257
alzheimers		0.8233	0.1767	0.8056	0.6110	0.6390
anneal		0.9775	0.0090	0.9321	0.9539	0.1891
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9958	0.0042	0.9082	0.7980	0.4644
anuran-family		0.8665	0.0668	0.8201	0.7622	0.2581
anuran-genus		0.9638	0.0090	0.9081	0.9412	0.1773
anuran-species		0.8972	0.0206	0.8677	0.8581	0.0979
anxiety		0.0750	0.2056	0.0574	-0.0393	0.6895
apple-quality		0.8450	0.1550	0.8450	0.6900	0.5719
aps-failure		0.9599	0.0401	0.7681	0.4371	0.4944
arabidopsis		0.0082	0.9918	0.5020	0.0000	0.0229
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9926	0.0074	0.6998	0.3558	0.4048
arabidopsis10%		0.0080	0.9920	0.0080	0.0000	0.0228

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.4500	0.5500	0.5000	0.0000	0.8929
arrhythmia		0.1556	0.1299	0.1181	0.0542	0.4306
auction		0.7990	0.2010	0.6981	0.3594	0.6537
audiology		0.1399	0.0791	0.0678	0.0595	0.2444
audit-risk		0.9359	0.0641	0.9329	0.8654	0.3191
autism-adolescent		0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult		0.7714	0.2286	0.7915	0.5306	0.5908
autism-child		0.6897	0.3103	0.6957	0.3830	0.8108
autos		0.8000	0.0667	0.6620	0.7324	0.1605
avila		0.3488	0.1085	0.5195	0.2675	0.6185
balance		0.9194	0.0538	0.8845	0.8604	0.3020
bank		0.8604	0.1396	0.7225	0.4299	0.6582
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8894	0.1106	0.8798	0.7501	0.4186
basehock		0.5980	0.4020	0.6000	0.1967	0.9205
bio		0.9861	0.0139	0.7803	0.5071	0.5314
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.7905	0.2095	0.8199	0.5947	0.5345
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9810	0.0013	0.0459	-0.0010	0.0504
bitcoin1%		0.9828	0.0000	0.0484	-0.0056	0.0148
bitcoin10%		0.9973	0.0018	0.0335	-0.0041	0.0240
body-perf		0.6612	0.1694	0.6658	0.5483	0.4737
bookings		0.6688	0.2208	0.6764	0.4382	0.0224
brain-tumor		0.5040	0.4960	0.5049	0.0091	0.9740
breast-cancer		0.6786	0.3214	0.5596	0.1127	0.8846
breast-cancer-co		0.4545	0.5455	0.4777	-0.0312	0.9055
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.6364	0.1212	0.5820	0.5644	0.1810
bridges		0.5000	0.1429	0.2338	0.1525	0.2223
bub10at310k-hg16-17		0.6832	0.3168	0.6482	0.1945	0.4853
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae		0.4250	0.3833	0.3327	0.0039	0.8135
car		0.8391	0.0805	0.7605	0.6962	0.4693
car-insurance		0.7480	0.2520	0.7602	0.4887	0.6762
card		0.7971	0.2029	0.7903	0.5796	0.6728
cardiotocography		0.4085	0.1183	0.5303	0.3522	0.3424
cardiotocography-nsp		0.7981	0.1346	0.7135	0.5496	0.4960
cardiovascular		0.6059	0.3941	0.6255	0.2115	0.8153
cargo2k		0.9898	0.0068	0.9898	0.9848	0.0342
cars		0.7500	0.1667	0.6589	0.5676	0.3890
cas_N6512_cdk_ECFP2		0.6221	0.3779	0.6271	0.2057	0.7914
ccds1%		0.0549	0.9451	0.5140	0.0013	0.1044
ccds10%		0.9630	0.0370	0.6780	0.0665	0.1082
cdc_diabetes		0.7541	0.1639	0.4362	0.2661	0.5989
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.2893	0.7107	0.5232	0.0091	0.1884
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.3161	0.6839	0.4980	-0.0009	0.2254
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.5465	0.4535	0.6183	0.0984	0.3093
census10%		0.5294	0.4706	0.6088	0.0842	0.2913
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9419	0.0581	0.8597	0.6767	0.5193
cervical-C		0.3605	0.6395	0.5405	0.0223	0.2527
cervical-H		0.9302	0.0698	0.7540	0.4669	0.5720
cervical-S		0.9302	0.0698	0.8409	0.6623	0.5477

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
children-anemia		0.0464	0.4768	0.2696	0.0013	0.5094
chrom19		0.9988	0.0012	0.8168	0.5805	0.5303
chrom191%		0.9976	0.0024	0.7996	0.4991	0.5000
chrom1910%		0.9982	0.0018	0.7642	0.4738	0.5176
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9996	0.0004	0.4999	-0.0002	0.5303
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7750	0.2250	0.6975	0.3866	0.7414
churn-bigml		0.6517	0.3483	0.5720	0.1188	0.6791
ci900367j_MACCS		0.6211	0.3789	0.6883	0.3074	0.6929
cirrhosis		0.6190	0.2540	0.4076	0.2113	0.4856
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8435	0.0782	0.7586	0.7606	0.3801
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6254	0.3478	0.5297
cm1		0.8400	0.1600	0.4565	-0.0811	0.7590
cmc		0.4694	0.3537	0.4727	0.2014	0.7538
cnae-9		0.5000	0.1111	0.5347	0.4375	0.4467
codon_usage		0.8319	0.0306	0.7281	0.7968	0.2949
coil20		0.8542	0.0146	0.8786	0.8464	0.0925
college		0.8961	0.1039	0.8659	0.7301	0.4781
collins		0.2200	0.1040	0.1986	0.1606	0.4006
colon-tumor		0.5000	0.5000	0.3333	-0.2857	1.0000
colposcopies-1		0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.7241	0.2759	0.7192	0.3862	0.6717
colposcopies-4		0.6207	0.3793	0.4606	-0.0741	0.9408
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8276	0.1724	0.7539	0.5051	0.6759
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7007	0.6353	0.2946
comedy_comparisons1%		0.4969	0.5031	0.4839	-0.0263	0.9520
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7380	0.2620	0.7381	0.4757	0.7672
coupon		0.4897	0.5103	0.4971	-0.0057	0.9826
covid19		0.0131	0.2820	0.1861	0.0079	0.4502
covtype		0.0831	0.2620	0.2565	0.0379	0.5215
covtype10%		0.4322	0.1622	0.5203	0.2681	0.4879
covtypeCD		0.6764	0.3236	0.7152	0.3068	0.4975
covtypeT		0.8231	0.1769	0.7162	0.3318	0.5108
creditcard_trans		0.9831	0.0169	0.6844	0.1487	0.2150
creditcard_trans10%		0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced		0.9171	0.0277	0.8197	0.8338	0.3290
cryotherapy		0.7778	0.2222	0.8000	0.5263	0.4308
cultivars		0.0938	0.0453	0.0682	0.0701	0.1384
customer-churn		0.9658	0.0342	0.6155	0.2294	0.5790
cybersecurity		0.1767	0.2744	0.1767	0.0117	0.8668
cyclopentane		0.5185	0.4815	0.4780	-0.0354	0.9518
cylinder-bands		0.6667	0.3333	0.6517	0.2946	0.8522
darwin		0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dating		0.1012	0.1798	0.1002	0.0014	0.9226
day1%		0.3614	0.6386	0.5779	0.0037	0.5115
dbworld		0.5714	0.4286	0.5458	0.0870	0.9466
default		0.6543	0.3457	0.6497	0.2614	0.7297
defect		0.8951	0.1049	0.7797	0.5212	0.4691

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8686	0.1314	0.7015	0.4015	0.6812
depressed		0.8042	0.1958	0.6127	0.2213	0.7740
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.3750	0.4167	0.1818	-0.3333	0.5619
dexter		0.3667	0.6333	0.3639	-0.2667	1.0000
df_final		0.3125	0.4583	0.2381	-0.1000	0.6447
diabetes		0.9808	0.0192	0.9799	0.9590	0.0927
diabetes-100k		0.7329	0.2671	0.5227	0.0357	0.5733
diabetes-risk		0.8540	0.1460	0.7523	0.4780	0.5868
diabetic		0.1522	0.5652	0.3656	0.0114	0.4883
diabetic1%		0.3824	0.4118	0.3959	0.0791	0.7309
diabetic10%		0.3301	0.4466	0.3358	0.0008	0.7581
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.4381	0.2248	0.4291	0.2646	0.6382
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.2500	0.7500	0.2000	0.0000	0.4422
dlbcl-nih		0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dna10%		0.9956	0.0044	0.5013	0.0024	0.5439
dorothea		0.3565	0.6435	0.5726	0.0528	0.3354
dota2		0.5669	0.4331	0.5643	0.1284	0.9563
dota210%		0.5184	0.4816	0.5141	0.0281	0.9890
drebin		0.6939	0.3061	0.7620	0.4375	0.5466
dropout		0.7427	0.1716	0.6678	0.5734	0.5033
drug-01		0.3617	0.1824	0.1707	0.0646	0.6416
drug-02		0.5000	0.1429	0.3002	0.2634	0.6745
drug-03		0.5585	0.1261	0.1816	0.1044	0.4881
drug-04		0.4574	0.1550	0.2343	0.1445	0.7963
drug-05		0.6862	0.0897	0.1265	-0.0096	0.4021
drug-06		0.3457	0.1869	0.2407	0.2022	0.6485
drug-07		0.4096	0.1687	0.1477	0.0534	0.4990
drug-08		0.5319	0.1337	0.2273	0.2132	0.6750
drug-09		0.8564	0.0410	0.1712	0.0453	0.3955
drug-10		0.4894	0.1459	0.2058	0.1939	0.6894
drug-11		0.7872	0.0608	0.1487	0.0277	0.7396
drug-12		0.6915	0.0881	0.1404	0.0310	0.7159
drug-13		0.5691	0.1231	0.1719	0.2281	0.6890
drug-14		0.5638	0.1246	0.2672	0.2849	0.7289
drug-15		0.6755	0.0927	0.1881	0.0795	0.6624
drug-16		0.5851	0.1185	0.2851	0.3636	0.5456
drug-17		0.3085	0.1976	0.2383	0.0974	0.7687
drug-18		0.9887	0.0096	0.2090	0.0003	0.0000
drug-19		0.6968	0.0866	0.1648	0.1046	0.4925
drybean		0.9089	0.0260	0.9271	0.8900	0.1357
ecoli		0.0294	0.2426	0.0071	0.0000	0.3261
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7791	0.5237	0.6384
ecoliMU		0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.3000	0.3500	0.2979	0.0659	0.7926
eeg		0.1844	0.1020	0.3251	0.1419	0.5829
eeg-eye		0.4753	0.5247	0.6057	0.0424	0.5420
eeg10%		0.2504	0.0937	0.2992	0.1916	0.5610
email_phishing		0.1962	0.8038	0.5347	0.0043	0.0505

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
eucalyptus		0.4795	0.2082	0.4693	0.3422	0.5381
euthyroid		0.3354	0.6646	0.5961	0.0655	0.2881
exon.vs.intron-freq		0.9218	0.0782	0.9228	0.8424	0.3405
exon.vs.intron-freq10%		0.9149	0.0851	0.9149	0.8289	0.3810
fakenews		0.4950	0.5050	0.4951	-0.0097	1.0000
farm-ads		0.7174	0.2826	0.7230	0.4390	0.7772
fbis-wc		0.0488	0.1119	0.0493	0.0090	0.7219
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.8824	0.1176	0.8844	0.7587	0.4271
financial-risk		0.3085	0.2305	0.3861	0.1735	0.3753
flags		0.3000	0.1750	0.2287	0.1740	0.4095
fonts		0.4700	0.0069	0.4314	0.4514	0.6319
fonts10%		0.3714	0.0082	0.1046	0.3235	0.4268
forest		0.8846	0.0577	0.8587	0.8418	0.1766
gas		0.9792	0.0069	0.9787	0.9747	0.0438
gastrointestinal		0.5000	0.3333	0.6037	0.3118	0.4891
gender		0.3937	0.4042	0.4373	0.0531	0.4303
gene		0.9369	0.0421	0.9307	0.8970	0.1776
german		0.6700	0.3300	0.6304	0.2601	0.8739
gestures		0.9435	0.0283	0.9436	0.9247	0.1284
gina		0.8790	0.1210	0.8800	0.7574	0.4778
gisette		0.5943	0.4057	0.5961	0.1886	0.9227
glass		0.5714	0.1429	0.6155	0.4019	0.2716
glass-g2		0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP		0.6667	0.3333	0.7483	0.3951	0.5223
glassBWNFP		0.5714	0.4286	0.6981	0.2703	0.5297
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.7619	0.2381	0.7000	0.2222	0.3467
gli_85		0.1250	0.8750	0.1111	-0.2727	0.7910
glioma		0.0000	0.5000	0.0000	-0.1905	0.5723
glioma-grade		0.5714	0.4286	0.6849	0.2313	0.5291
green		0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage		0.4000	0.3000	0.3243	0.1615	0.5084
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.7832	0.0361	0.4124	0.7426	0.1417
har		0.8955	0.0418	0.8939	0.8680	0.1888
har70		0.8217	0.0509	0.5172	0.7500	0.2359
har701%		0.8190	0.0517	0.5222	0.7475	0.2483
har7010%		0.8251	0.0500	0.5203	0.7546	0.2508
harth		0.7825	0.0362	0.4411	0.7056	0.2679
harth1%		0.7870	0.0355	0.4328	0.7117	0.2553
harth10%		0.7818	0.0364	0.4243	0.7047	0.2653
hayes-roth		0.3750	0.4167	0.4078	0.0361	0.7304
hcc-survival		0.6471	0.3529	0.6710	0.1639	0.4882
health-activity		0.7600	0.1200	0.2688	0.0358	0.3239
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8745	0.7427	0.4884
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.8200	0.1800	0.7814	0.5495	0.6230
heart-quantum		0.9600	0.0400	0.9583	0.9167	0.2315
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.8110	0.1890	0.8140	0.6221	0.6234
hepmass1%		0.8127	0.1873	0.8149	0.6249	0.6236
hepmass10%		0.8103	0.1897	0.8131	0.6203	0.6248
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6645	0.3355	0.6638	0.3153	0.8375
higgs1%		0.6463	0.3537	0.6466	0.2742	0.8412
higgs10%		0.6435	0.3565	0.6440	0.2700	0.8464
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.7000	0.3000	0.6098	0.2105	0.7892
hitters		0.5625	0.4375	0.5710	0.0782	0.7469
hiv1-proteasa		0.8769	0.1231	0.8281	0.6348	0.5766
hiva		0.9125	0.0875	0.5760	0.1370	0.5422
horse		0.6389	0.2407	0.6422	0.3598	0.4925
hotel-reservartions		0.3834	0.6166	0.5840	0.0515	0.5507
hr		0.3754	0.6246	0.6034	0.0879	0.3894
ht-sensor		0.6518	0.2321	0.6765	0.4861	0.4979
ht-sensor10%		0.6471	0.2352	0.6722	0.4792	0.5045
htru2		0.9698	0.0302	0.9109	0.8217	0.3646
hypothyroid		0.9232	0.0265	0.4224	0.3298	0.3467
hypothyroidT		0.2042	0.7958	0.5562	0.0240	0.2137
ilpd		0.5085	0.4915	0.6428	0.1864	0.6180
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.3740	0.3130	0.4094	0.1653	0.3926
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9345	0.0050	0.9359	0.9319	0.0583
jm1		0.8017	0.1983	0.6122	0.1939	0.7353
jvowels		0.9699	0.0067	0.9690	0.9659	0.0505
kc1		0.8199	0.1801	0.6326	0.2629	0.7541
kc1-class-level-defectiveornot		0.8667	0.1333	0.8696	0.7059	0.3322
kc1-class-level-numericdefect		0.4993	0.0436	0.0484	0.3042	0.1016
kc1-class-level-top5percentDF		0.7333	0.2667	0.4231	-0.1111	0.4921
kc2		0.7308	0.2692	0.5684	0.1354	0.8442
kdc-4007		0.2120	0.1970	0.2598	0.0845	0.6287
kddcup981%		0.0526	0.9474	0.0500	0.0000	0.1368
kddcup9810%		0.4293	0.5707	0.4742	-0.0146	0.2748
kddcup99		0.9472	0.0046	0.4703	0.9111	0.0837
kddcup9910%		0.9240	0.0066	0.5017	0.8748	0.0829
kepler		0.6914	0.2057	0.5997	0.5081	0.3221
kidney		0.7546	0.0982	0.1910	0.0069	0.6237
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.3929	0.0675	0.3765	0.3173	0.5277
krvskp		0.5455	0.4545	0.6221	0.0481	0.5219
la1s-wc		0.1619	0.2794	0.1474	-0.0211	0.8991
la2s-wc		0.1358	0.2881	0.1298	-0.0174	0.7464
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.2353	0.0382	0.1219	0.2036	0.1899
led24		0.2000	0.1600	0.0968	0.0725	0.3444
lenses		0.3333	0.4444	0.2222	0.0000	0.3451
letter		0.8845	0.0089	0.8841	0.8798	0.1251
leukemia		0.0000	0.6667	0.0000	-0.4848	0.9747
leukemia2		0.7143	0.2857	0.7083	0.4167	0.8058
libra		0.9167	0.0111	0.9275	0.9104	0.0362
linkage		0.9998	0.0002	0.9873	0.9744	0.1251
linkage1%		0.9998	0.0002	0.9885	0.9767	0.1262
linkage10%		0.9999	0.0001	0.9941	0.9882	0.0754
liver		0.5882	0.4118	0.6427	0.2396	0.7623
loan		0.9297	0.0703	0.9248	0.8490	0.3393
localization		0.3511	0.1180	0.2798	0.2421	0.7926
localization10%		0.2785	0.1312	0.2569	0.1854	0.8249

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lrs		0.8392	0.0336	0.3765	0.7858	0.0780
lung		0.1429	0.3429	0.2168	0.0825	0.4384
lung_discrete		0.2500	0.2143	0.1714	0.0769	0.2702
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2		0.3333	0.6667	0.6000	0.0769	0.3900
lung-cancer-michigan		0.4444	0.5556	0.6311	0.1176	0.3467
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.9155	0.0286	0.7072	0.8842	0.1027
lymphoma2		0.2222	0.1728	0.1515	0.0735	0.1918
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.5077	0.4923	0.5077	0.0154	0.9956
magic04		0.7754	0.2246	0.7437	0.4616	0.6710
malware		0.9459	0.0541	0.9261	0.8412	0.3750
mammography		0.8021	0.1979	0.8042	0.6052	0.6507
marketing		0.8482	0.1518	0.5709	0.0692	0.5708
maternal		0.6139	0.2574	0.6254	0.4014	0.5596
math		0.4500	0.2750	0.2482	0.0756	0.4964
mba		0.1742	0.5505	0.3477	0.0140	0.4260
mental-disorders		0.7500	0.1250	0.7800	0.6667	0.2457
mental-health		0.2200	0.3120	0.2200	0.0250	0.8470
messidor		0.6957	0.3043	0.7189	0.4094	0.7430
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.6383	0.6203	0.1553
meter-D		0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac		0.9700	0.0060	0.9710	0.9667	0.0351
mfeat-fou		0.8400	0.0320	0.8398	0.8222	0.1308
mfeat-kar		0.9850	0.0030	0.9860	0.9833	0.0186
mfeat-mor		0.7400	0.0520	0.7233	0.7111	0.1619
mfeat-pix		0.9800	0.0040	0.9804	0.9778	0.0251
mfeat-zer		0.8400	0.0320	0.8414	0.8222	0.0705
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9245	0.0503	0.9237	0.8856	0.1433
mines		0.5000	0.2000	0.5076	0.3765	0.4296
mobile		0.6608	0.0121	0.6747	0.6547	0.1550
monks-1		0.7636	0.2364	0.7636	0.5268	0.7274
monks-2		0.7705	0.2295	0.7342	0.4547	0.7132
monks-3		0.9107	0.0893	0.9178	0.8223	0.3018
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4750	0.0955	0.5223	0.3780	0.5552
musk		0.9439	0.0561	0.8950	0.7897	0.4212
MUT_ci300400a_cdk_ECFP2		0.7158	0.2842	0.7106	0.4206	0.8016
MUT_ci300400a_rdkit_descriptors		0.6566	0.3434	0.6564	0.2309	0.6934
myocardial		0.6588	0.0853	0.2133	0.1419	0.6129
naticusdroid		0.7740	0.2260	0.8013	0.5475	0.5193
nci9		0.0000	0.2222	0.0000	-0.0588	0.3172
ncRNA		0.4295	0.0600	0.2261	0.1978	0.8492
ncRNA1%		0.5061	0.0520	0.3273	0.2903	0.6720
ncRNA10%		0.5117	0.0514	0.3529	0.2913	0.7050
neo		0.5714	0.4286	0.6478	0.1594	0.4053
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0231	0.0444	0.0345	0.0016	0.7131
newspop		0.5805	0.4195	0.6197	0.1900	0.7941
NHANES_age_prediction		0.9648	0.0352	0.9319	0.8617	0.2430

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
nomao		0.9109	0.0891	0.8946	0.7876	0.4484
NPHA-doctor-visits		0.4306	0.3796	0.3709	0.0251	0.7784
nursery		0.8395	0.0642	0.6406	0.7726	0.1594
obesity		0.5592	0.1259	0.5548	0.4881	0.2463
obs		0.7222	0.1389	0.7633	0.6195	0.3850
occupancy		0.9830	0.0170	0.9772	0.9533	0.1711
Occupancy_Estimation		0.9862	0.0069	0.9638	0.9585	0.0850
oh0-wc		0.0792	0.1842	0.0760	-0.0509	0.8037
oh10-wc		0.0667	0.1867	0.0696	-0.0474	0.7751
oh15-wc		0.0543	0.1891	0.0358	-0.0013	0.5181
oh5-wc		0.0330	0.1934	0.0280	-0.0790	0.7979
ohscal-wc		0.0753	0.1849	0.0707	-0.0309	0.9404
opn310k		0.6916	0.3084	0.6557	0.2067	0.4865
opn310k10%		0.7455	0.2545	0.6579	0.2328	0.5316
opnat310k-hg16-17		0.6987	0.3013	0.6584	0.2131	0.4912
optdigits		0.9786	0.0043	0.9801	0.9763	0.0293
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0500	0.0475	0.0429	0.0256	0.1936
orlraws10P		0.2000	0.1600	0.1714	0.1111	0.2083
ovarian-cancer		0.6400	0.3600	0.7340	0.3590	0.5283
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.8182	0.1818	0.6598	0.2621	0.5659
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6856	0.3144	0.6352	0.1061	0.5405
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7698	0.2302	0.8086	0.5510	0.4620
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.3917	0.6083	0.2815	-0.0064	0.0276
page-blocks		0.9342	0.0263	0.7712	0.6764	0.4127
parkinson		0.9083	0.0917	0.9052	0.8072	0.3884
parkinsons		0.7773	0.2227	0.7696	0.5370	0.7102
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.8246	0.1754	0.8160	0.6123	0.6055
particle10%		0.8323	0.1677	0.8298	0.6343	0.5724
pasture		0.5000	0.3333	0.5333	0.3333	0.1875
pc1		0.9009	0.0991	0.6073	0.2138	0.6764
pcmac		0.5103	0.4897	0.5113	0.0223	0.9764
pcos		0.8967	0.1033	0.8794	0.7295	0.4689
pd		0.5132	0.4868	0.6508	0.1957	0.5828
pediatric-leukemia		0.0588	0.2689	0.0571	-0.0677	0.7110
pendigits		0.9882	0.0024	0.9882	0.9868	0.0194
period		0.5556	0.4444	0.5000	0.0000	0.9591
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.4023	0.5977	0.5079	0.0064	0.7222
personalities		0.9900	0.0013	0.9900	0.9893	0.0192
pet-adoption		0.5900	0.4100	0.5781	0.1511	0.8943
phishing		0.9592	0.0408	0.9572	0.9144	0.2360
phone-acc		0.7196	0.0801	0.7093	0.6724	0.2881
phone-acc0.1%		0.6998	0.0858	0.6858	0.6491	0.2934
phone-acc1%		0.7429	0.0735	0.7205	0.6991	0.2603
phone-acc10%		0.6405	0.1027	0.6524	0.5809	0.3408
phone-gyr		0.7587	0.0689	0.7366	0.7172	0.2508
phone-gyr0.1%		0.7667	0.0667	0.7625	0.7270	0.2652
phone-gyr1%		0.7700	0.0657	0.7608	0.7308	0.2537
phone-gyr10%		0.6904	0.0885	0.6762	0.6379	0.3275
phoneme		0.7963	0.2037	0.7767	0.5419	0.6772
phy		0.6918	0.3082	0.6924	0.3838	0.8290
pima		0.6711	0.3289	0.6421	0.2737	0.8519
placement		0.7810	0.2190	0.7740	0.5477	0.7039
plant-growth		0.4737	0.5263	0.4555	-0.0795	0.9947

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.3461	0.1308	0.1466	0.0237	0.8208
poker1%			0.5366	0.0927	0.2096	0.1268	0.3412
poker10%			0.3766	0.1559	0.1564	0.0306	0.7838
polish-1st			0.1892	0.8108	0.4933	-0.0019	0.1565
polish-2nd			0.1455	0.8545	0.4886	-0.0030	0.1504
polish-3rd			0.1790	0.8210	0.5277	0.0089	0.1612
polish-4th			0.1010	0.8990	0.4893	-0.0025	0.1721
polish-5th			0.1878	0.8122	0.5144	0.0058	0.2346
polya			0.7124	0.2876	0.7463	0.4481	0.6740
popularity			0.4091	0.3939	0.4552	0.1272	0.5907
post-operative			0.4444	0.3704	0.3333	0.0000	0.4361
postures			0.3748	0.2501	0.3950	0.2133	0.3474
pred-tox_mutagen_ref-desc			0.5000	0.5000	0.3333	0.0000	0.5283
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.0000	0.0909	0.0000	0.0000	0.3481
processed			0.8219	0.1781	0.8392	0.6400	0.5195
profb			0.5075	0.4925	0.5623	0.1023	0.8329
promoters			0.5000	0.5000	0.5000	0.0000	0.9755
prostate			0.6429	0.3571	0.7276	0.3396	0.5193
prostate_GE			0.6364	0.3636	0.6309	0.2414	0.8512
puc-rio			0.9272	0.0291	0.8843	0.9025	0.1732
puc-rio10%			0.9294	0.0282	0.8848	0.9053	0.1645
pufs-128			0.5005	0.4995	0.5005	0.0010	0.9997
pufs-1281%			0.4967	0.5033	0.4967	-0.0067	1.0000
pufs-12810%			0.4980	0.5020	0.4980	-0.0040	1.0000
pufs-64			0.5043	0.4957	0.5043	0.0087	0.9976
pufs-641%			0.5133	0.4867	0.5133	0.0267	0.9922
pufs-6410%			0.4987	0.5013	0.4987	-0.0027	1.0000
pulsar			0.9713	0.0287	0.9159	0.8316	0.3521
raisin			0.8444	0.1556	0.8574	0.6889	0.4594
rcv11%			0.0500	0.0463	0.0351	0.0128	0.5013
re0-wc			0.1667	0.1282	0.2549	0.1133	0.6761
re1-wc			0.0181	0.0786	0.0174	0.0018	0.6216
rejafada			0.7236	0.2764	0.4198	-0.0654	0.2860
relathe			0.9437	0.0563	0.9466	0.8876	0.2382
reuters21578			0.0072	0.0309	0.0002	0.0000	0.2387
rice			0.9868	0.0132	0.9867	0.9733	0.0932
rnaseq			0.2500	0.3000	0.2683	0.0857	0.7248
rocket			0.5341	0.4659	0.6563	0.1787	0.5749
RT_IOT2022			0.9645	0.0059	0.8458	0.9111	0.0240
satimage			0.8476	0.0508	0.8197	0.8098	0.1851
satimageF			0.9642	0.0358	0.9235	0.8371	0.4014
satimageT			0.7745	0.2255	0.7097	0.3305	0.5506
scadi			0.5762	0.1214	0.3432	0.4619	0.1805
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.7467	0.2533	0.7786	0.5098	0.6061
segment			0.9048	0.0272	0.9240	0.8886	0.0828
segmentation			0.7376	0.2624	0.7452	0.4722	0.7226
segmentO			0.9870	0.0130	0.9745	0.9489	0.1700
seismic			0.8062	0.1938	0.6347	0.2065	0.5259
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8395	0.1605	0.5605	0.1085	0.7448
sens-10-gram			0.4226	0.5774	0.5315	0.0329	0.5169
sens-2-gram			0.7184	0.2816	0.5971	0.1695	0.6798

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-3-gram			0.7684	0.2316	0.6197	0.2238	0.7077
sens-4-gram			0.7342	0.2658	0.5553	0.1033	0.7224
sens-5-gram			0.7105	0.2895	0.5160	0.0297	0.7235
sens-6-gram			0.5711	0.4289	0.5237	0.0334	0.6129
sens-7-gram			0.4447	0.5553	0.5202	0.0222	0.5349
sens-8-gram			0.4184	0.5816	0.5535	0.0534	0.4866
sens-9-gram			0.3947	0.6053	0.5246	0.0241	0.4996
sensorless			0.8504	0.0272	0.8568	0.8355	0.1181
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.7762	0.2238	0.7233	0.3979	0.6430
shuttle			0.9566	0.0124	0.7574	0.8864	0.3988
sick			0.6021	0.3979	0.5925	0.0890	0.3698
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin			0.9844	0.0156	0.9761	0.9517	0.1030
skin10%			0.9788	0.0212	0.9674	0.9335	0.1155
smarket			0.9440	0.0560	0.9453	0.8877	0.2604
smart-farming			0.2200	0.3900	0.2165	-0.0394	0.7985
smk_can_187			0.5263	0.4737	0.5444	0.0757	0.9099
smoking			0.7233	0.2767	0.7230	0.4367	0.7670
soil_pollution			0.1933	0.3227	0.1901	-0.0076	0.8745
solar-flare			0.3309	0.2230	0.2683	0.2414	0.3295
sonar			0.7500	0.2500	0.7513	0.5000	0.7429
soybean			0.9706	0.0031	0.9894	0.9677	0.0170
spam-detection			0.9370	0.0630	0.8078	0.6154	0.5337
spambase			0.8348	0.1652	0.8433	0.6702	0.5491
spect			0.7407	0.2593	0.6469	0.2921	0.7993
spectf			0.8000	0.2000	0.8257	0.5950	0.5049
spectrometer			0.5283	0.0197	0.2117	0.5013	0.1134
splice-EI			0.9621	0.0379	0.9493	0.8980	0.2343
splice-IE			0.9401	0.0599	0.9160	0.8318	0.3521
sport-articles			0.7800	0.2200	0.7613	0.4819	0.6093
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.6061	0.6667	0.0000
startup			0.9570	0.0430	0.9542	0.9073	0.2570
steel_industry			0.5634	0.2911	0.5711	0.3426	0.6220
steel-b			0.6462	0.3538	0.7052	0.3186	0.5946
steel-d			0.9641	0.0359	0.8031	0.5712	0.5532
steel-k			0.9744	0.0256	0.9601	0.9191	0.1618
steel-o			0.8308	0.1692	0.8144	0.6287	0.6255
steel-p			0.8513	0.1487	0.7802	0.4591	0.5100
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9282	0.0718	0.8555	0.6815	0.5300
stellar			0.9178	0.0548	0.9086	0.8534	0.2356
stock			0.7986	0.2014	0.6748	0.3487	0.7505
stockb			0.8546	0.0969	0.8706	0.7820	0.1934
streaming			0.7660	0.2340	0.7625	0.5206	0.7160
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5500	0.1800	0.4218	0.3094	0.5588
student-depression			0.4828	0.5172	0.5042	0.0078	0.9530
student-habits			0.3100	0.2760	0.1772	-0.0425	0.7039
student-weekend			0.2769	0.2892	0.1719	0.0132	0.6996
student-workday			0.6719	0.1313	0.2254	0.1547	0.5101
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.7527	0.2473	0.7608	0.4871	0.6507
susy1%			0.7644	0.2356	0.7722	0.5120	0.6345
susy10%			0.7566	0.2434	0.7647	0.4953	0.6447
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4762	0.2000	0.5980
telco-churn			0.7983	0.2017	0.7626	0.5191	0.6970
texture			0.9927	0.0013	0.9930	0.9920	0.0096
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.2553	0.7447	0.5727	0.0408	0.3467
thrombin			0.2775	0.7225	0.5666	0.0147	0.0768
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8631	0.1369	0.8559	0.6836	0.5185
tis10%			0.3209	0.6791	0.5883	0.0513	0.4561
titanic			0.7364	0.2636	0.7103	0.4184	0.7820
tourist			0.2500	0.2500	0.1449	-0.0213	0.3785
tox_171			0.2353	0.3824	0.2594	-0.0184	0.7236
toxicity			0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f			0.5882	0.4118	0.5662	0.1314	0.9243
trains			0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion			0.7333	0.2667	0.5034	0.0040	0.7788
trec11-wc			0.0244	0.2168	0.0056	0.0000	0.3945
trec12-wc			0.1613	0.2097	0.1423	0.0439	0.5873
trec21-wc			0.3636	0.2121	0.1053	0.0428	0.5060
trec23-wc			0.3810	0.2063	0.1926	0.0037	0.4826
trec31-wc			0.0968	0.2581	0.0997	-0.0499	0.7176
trec41-wc			0.1364	0.1727	0.1112	0.0121	0.7256
trec45-wc			0.0435	0.1913	0.0509	-0.0390	0.6168
tuandromd			0.9126	0.0874	0.8589	0.6761	0.2216
turkish			0.6500	0.1750	0.6717	0.5333	0.4201
tvnews			0.7401	0.2599	0.7639	0.4932	0.6672
tvnews1%			0.9077	0.0923	0.9035	0.8052	0.4246
tvnews10%			0.7872	0.2128	0.7984	0.5748	0.6325
urban			0.6716	0.0730	0.5786	0.6058	0.2003
urinalysis			0.9441	0.0559	0.7030	0.3998	0.5822
ustilago			0.0216	0.9784	0.4972	-0.0001	0.0299
ustilago1%			0.9772	0.0228	0.4942	-0.0113	0.4992
ustilago10%			0.9830	0.0170	0.5067	0.0127	0.5707
vehicle			0.8333	0.0833	0.8135	0.7761	0.1661
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.6667	0.3333	0.7500	0.4000	0.5283
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6061	0.0716	0.6448	0.5667	0.2189
vowelZ			0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17			0.8016	0.1984	0.6745	0.2915	0.5892
wap-wc			0.0705	0.0929	0.0392	-0.0155	0.6815
warpar10p			0.3846	0.1231	0.3826	0.3158	0.1958
warppie10p			0.5714	0.0857	0.5312	0.5191	0.1917
watch-acc			0.7032	0.0848	0.6990	0.6529	0.2836
watch-acc1%			0.7038	0.0846	0.6966	0.6533	0.2991
watch-acc10%			0.7125	0.0821	0.7059	0.6634	0.3027
watch-gyr			0.7100	0.0829	0.7020	0.6612	0.3042
watch-gyr1%			0.6993	0.0859	0.6904	0.6485	0.3231
watch-gyr10%			0.7025	0.0850	0.6950	0.6523	0.3190
water_pollution			0.2233	0.3883	0.2286	-0.0341	0.8700
waveform			0.8240	0.1173	0.8245	0.7361	0.3934
weather-related			0.8865	0.0206	0.9095	0.8726	0.1004
web-phishing			0.7704	0.1531	0.6089	0.5909	0.5604
weight-lift			0.7924	0.0831	0.8250	0.7410	0.2597
white-clover			0.0000	0.5000	0.0000	0.0000	0.2620
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9814	0.0186	0.9034	0.8065	0.3702
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5283	0.1572	0.2467	0.2500	0.4875
winequality-white			0.4376	0.1607	0.2541	0.1927	0.5636
winnipeg			0.9660	0.0097	0.9404	0.9571	0.1157
winnipeg10%			0.9850	0.0043	0.9812	0.9810	0.0501
wisc_bc			0.9474	0.0526	0.9443	0.8880	0.2925
yale			0.1250	0.1167	0.0462	0.0468	0.2719
yeast			0.4797	0.1041	0.2986	0.3348	0.4599
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9324	0.0676	0.7157	0.3486	0.4960
yeastME1			0.9527	0.0473	0.8027	0.5141	0.5131
yeastME2			0.8378	0.1622	0.6315	0.1902	0.4722
zip			0.9441	0.0112	0.9397	0.9373	0.0820

Table 170: Detailed results for RAMLapSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.7865	0.0854	0.3546	0.3718	0.1714
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.6444	0.0711	0.3946	0.2720	0.2107
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.3478	0.0543	0.0383	0.1606	0.2402
audit-risk		0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.6500	0.1167	0.4265	0.5139	0.2098
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8871	0.0753	0.6114	0.7877	0.2090
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9197	0.0803	0.9189	0.8377	0.3754
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.9799	0.0201	0.9803	0.9598	0.1120
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8667	0.1333	0.8625	0.7226	0.5300
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.6364	0.1212	0.5303	0.5600	0.1396
bridges		0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp		0.8169	0.1221	0.4837	0.2788	0.2750
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.6750	0.2167	0.4366	0.2409	0.4409
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7927	0.2073	0.7842	0.5634	0.6812
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7263	0.2737	0.7037	0.4057	0.7969
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.6905	0.2063	0.4632	0.3531	0.4284
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5238	0.3175	0.4745	0.2075	0.5849
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.7273	0.2727	0.4211	0.0000	0.4205
collins		0.4600	0.0720	0.2388	0.3830	0.2314
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.7241	0.2759	0.7108	0.4171	0.7845
colposcopies-2		0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3		0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.8966	0.1034	0.8560	0.6692	0.2534
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.7419	0.1720	0.5362	0.5618	0.2339

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.4952	0.5048	0.3312	0.0000	0.5289
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.7000	0.1500	0.7140	0.6000	0.2630
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.0625	0.0469	0.0429	0.0579	0.1888
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.8148	0.1852	0.8118	0.6218	0.6325
cylinder-bands		0.6852	0.3148	0.6764	0.3526	0.8440
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9729	0.9662	0.0254
desharnais		0.6250	0.2500	0.4099	0.2000	0.4997
dexter		0.9500	0.0500	0.9523	0.9000	0.2092
df_final		0.7500	0.1667	0.7551	0.6049	0.2615
DIA		0.8333	0.1667	0.7575	0.4872	0.5975
diabetes		0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5686	0.2876	0.3745	0.0820	0.3499
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.7066	0.8345	0.0891
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.8438	0.1562	0.8238	0.6460	0.6069
dlbcl-harvard-outcome		0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.6250	0.3750	0.5966	0.1692	0.8621
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dna10%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.3228	0.4515	0.1627	0.0000	0.3888
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2181	0.2234	0.0512	0.0000	0.3777
drug-07		0.3617	0.1824	0.0759	0.0000	0.2501
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1596	0.1142	0.0000	0.2921
drug-17		0.1064	0.2553	0.0275	0.0000	0.3792
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.4412	0.1397	0.0765	0.0000	0.2765
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5890	0.1644	0.4694	0.4463	0.3239
euthyroid		0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5294	0.4706	0.5102	0.0192	0.9732
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8125	0.0625	0.6236	0.7513	0.0899
flags		0.5000	0.1429	0.2957	0.3548	0.3007
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8846	0.0577	0.8552	0.8408	0.1704
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.9375	0.0417	0.9513	0.9006	0.1278
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.2524	0.4984	0.1343	0.0000	0.4017
german		0.7200	0.2800	0.6750	0.2802	0.6783
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7143	0.0952	0.4310	0.5758	0.1967
glass-g2		0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP		0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP		0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.3922	0.2500	0.5489
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.6875	0.2083	0.7080	0.4937	0.3509
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1705	0.1026	0.3249
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6944	0.2037	0.6421	0.4446	0.3883
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.8436	0.1564	0.4576	0.0000	0.3019

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.9154	0.0846	0.9161	0.8308	0.3802
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.0294	0.0485	0.0014	0.0000	0.3575
led24		0.0500	0.1900	0.0095	0.0000	0.3959
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.6389	0.0481	0.6265	0.6126	0.1315
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7647	0.2353	0.7202	0.4357	0.7504
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8679	0.0377	0.6382	0.8176	0.0961
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.4149	0.5851	0.2932	0.0000	0.5268
madelon		0.6269	0.3731	0.6272	0.2538	0.9021
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8750	0.1250	0.8752	0.7497	0.4989
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6535	0.2310	0.6660	0.4620	0.4771
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.6522	0.3478	0.6591	0.3114	0.8540
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-C		0.6667	0.1667	0.7833	0.5424	0.2230
meter-D		0.6667	0.1667	0.5300	0.5157	0.2146
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot		0.9074	0.0231	0.9056	0.8938	0.0759
milk		0.2358	0.5094	0.1272	0.0000	0.4229
mines		0.5588	0.1765	0.4848	0.4408	0.3383
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9604	0.0396	0.9234	0.8347	0.1252
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.7685	0.1157	0.7932	0.6472	0.2597
occupancy		0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation		0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc		0.6832	0.0634	0.5449	0.6270	0.2261
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.5978	0.0804	0.5612	0.5268	0.2502
oh5-wc		0.6593	0.0681	0.6507	0.6063	0.2194
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.6842	0.0702	0.4759	0.5720	0.1705
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
opn310k10%			0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ			0.0890	0.9110	0.0817	0.0000	0.2153
orl			0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8608	0.1392	0.8456	0.6911	0.5608
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9031	0.0388	0.1898	0.0000	0.0975
parkinson			0.9750	0.0250	0.9750	0.9487	0.1507
parkinsons			0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small			0.8947	0.1053	0.8643	0.7286	0.5039
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.2808	0.7192	0.2192	0.0000	0.4675
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5103	0.4897	0.4439	-0.0927	0.9802
pcos			0.8000	0.2000	0.4444	0.0000	0.3522
pd			0.9211	0.0789	0.9052	0.8033	0.4272
pediatric-leukemia			0.8235	0.0504	0.7497	0.7802	0.1277
pendigits			0.1028	0.1794	0.0186	0.0000	0.4062
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.6582	0.3077	0.8309
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.9551	0.0449	0.9529	0.9049	0.2341
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7167	0.2833	0.4175	0.0000	0.4290
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.3947	0.6053	0.2830	0.0000	0.5226
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.5263	0.4737	0.3448	0.0000	0.5239
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.3578	0.6422	0.2635	0.0000	0.5109

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.7059	0.2941	0.7062	0.4118	0.8115
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.1818	0.0744	0.0140	0.0000	0.3153
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8889	0.1111	0.8904	0.7778	0.4479
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.2271	0.2576	0.0617	0.0000	0.3819
satimageF			0.8911	0.1089	0.4712	0.0000	0.2371
satimageT			0.1011	0.8989	0.0918	0.0000	0.2389
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9048	0.0635	0.9152	0.8571	0.1726
segment			0.1472	0.2437	0.0367	0.0000	0.4017
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.7895	0.2105	0.7933	0.5730	0.6420
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7410	0.0863	0.5377	0.6640	0.1916
sonar			0.8000	0.2000	0.8000	0.6000	0.6644
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.3957	0.6043	0.2835	0.0000	0.5229
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8286	0.1714	0.7900	0.5800	0.6541
spectrometer			0.3077	0.0513	0.1249	0.2491	0.2238
splice-EI			0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE			0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles			0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7949	0.2051	0.6160	0.1758	0.6866
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9692	0.0308	0.9520	0.9020	0.1773
steel-o			0.7641	0.2359	0.7281	0.4300	0.6950
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9436	0.0564	0.8193	0.6162	0.3884
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.3348	0.4435	0.1672	0.0000	0.4165
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6923	0.2051	0.5260	0.5000	0.2833
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.7895	0.2105	0.7537	0.4895	0.6687
tis			0.2476	0.7524	0.1984	0.0000	0.4400

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tis10%			0.8806	0.1194	0.8466	0.6910	0.5539
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.6250	0.1250	0.2411	0.4146	0.1603
tox_171			0.8235	0.0882	0.8375	0.7650	0.1709
toxicity			0.6471	0.3529	0.5858	0.1639	0.8952
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.6829	0.0705	0.4087	0.5839	0.1904
trec12-wc			0.7742	0.0565	0.7330	0.7152	0.1449
trec21-wc			0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc			0.8095	0.0635	0.5975	0.7282	0.1966
trec31-wc			0.8817	0.0394	0.8421	0.8405	0.1635
trec41-wc			0.7500	0.0500	0.4772	0.6828	0.1832
trec45-wc			0.6957	0.0609	0.5985	0.6376	0.2145
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.7750	0.1125	0.7808	0.7000	0.2843
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9462	0.0538	0.9425	0.8818	0.2425
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7612	0.0531	0.6955	0.7174	0.1873
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.6667	0.1667	0.6320	0.5522	0.3672
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9070	0.0930	0.9069	0.8139	0.4119
vowel			0.0909	0.1653	0.0152	0.0000	0.4085
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.6346	0.0365	0.4010	0.5782	0.1994
warpar10p			0.9231	0.0154	0.9583	0.9133	0.0343
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8000	0.1333	0.5517	0.6233	0.3411
Weekly			0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0254
wilt			0.0497	0.9503	0.0473	0.0000	0.1299
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white			0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.3684	0.6316	0.2692	0.0000	0.5148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.3514	0.1297	0.1006	0.1263	0.3564
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 171: Detailed results for RAMSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1711	0.0789	0.0516	0.0669	0.4333
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9451	0.0549	0.8794	0.7279	0.1551
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.7079	0.1169	0.1658	0.0000	0.2204
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8581	0.0709	0.4939	0.7222	0.2571
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.6444	0.0711	0.3764	0.3030	0.2173
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.7391	0.0217	0.3368	0.6947	0.0751
audit-risk		0.9615	0.0385	0.9598	0.9193	0.2145
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.9000	0.1000	0.8695	0.7340	0.4451
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.5500	0.1500	0.3580	0.3836	0.3141
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8871	0.0753	0.6118	0.7881	0.2080
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8963	0.1037	0.8883	0.7648	0.3784
basehock		0.9548	0.0452	0.9550	0.9096	0.2432
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8476	0.1524	0.8372	0.6738	0.5763
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.6364	0.1212	0.4643	0.5417	0.1728
bridges		0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.6056	0.0789	0.3826	0.5067	0.2668
cardiotocography-nsp		0.8216	0.1189	0.6169	0.3929	0.3533
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.5096	0.4954	0.3604
cas_N6512_cdk_ECFP2		0.6836	0.3164	0.6802	0.3592	0.8413
cas_N6512_rdkit_ATOMPAIR		0.6923	0.3077	0.6921	0.3836	0.8292
cas_N6512_RDkit_AtomPair_FP		0.7316	0.2684	0.7308	0.4614	0.7777
cas_N6512_rdkit_AVALON		0.7665	0.2335	0.7661	0.5317	0.7230
cas_N6512_RDkit_Avalon_FP		0.7592	0.2408	0.7613	0.5195	0.7270
cas_N6512_rdkit_descriptors		0.7169	0.2831	0.7193	0.4356	0.7897
cas_N6512_rdkit_FEATMORGAN		0.6805	0.3195	0.6792	0.3583	0.8456
cas_N6512_RDkit_Featmorgan_FP		0.7132	0.2868	0.7146	0.4272	0.7979
cas_N6512_RDkit_FP		0.7439	0.2561	0.7448	0.4880	0.7550
cas_N6512_rdkit_LAYERED		0.7400	0.2600	0.7412	0.4805	0.7600
cas_N6512_RDkit_Layered_FP		0.7362	0.2638	0.7359	0.4713	0.7699

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7204	0.2796	0.7177	0.4341	0.7928
cas_N6512_RDkit_MACCS_FP		0.7485	0.2515	0.7475	0.4949	0.7529
cas_N6512_rdkit_MORGAN		0.7477	0.2523	0.7454	0.4895	0.7519
cas_N6512_RDkit_morgan_FP		0.7071	0.2929	0.7044	0.4083	0.8124
cas_N6512_rdkit_PATTERN		0.7231	0.2769	0.7274	0.4494	0.7743
cas_N6512_RDkit_pattern_FP		0.7439	0.2561	0.7504	0.4920	0.7341
cas_N6512_rdkit_RDKITFP		0.7573	0.2427	0.7577	0.5143	0.7357
cas_N6512_rdkit_TORSION		0.7077	0.2923	0.7067	0.4133	0.8110
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.9643	0.0357	0.6933	0.1289	0.1053
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7530	0.4961	0.6959
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.0441	0.9559	0.0422	0.0000	0.1165
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.0487	0.9513	0.0465	0.0000	0.1277
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7263	0.2737	0.7091	0.3399	0.6219
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.7619	0.1587	0.5228	0.4976	0.3306
cjs		0.3250	0.2250	0.3182	0.1624	0.3469
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5102	0.3265	0.4924	0.2198	0.7213
cnae-9		0.8333	0.0370	0.8486	0.8125	0.1647
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.3200	0.0907	0.1627	0.2086	0.2969
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5517	0.4483	0.4280	-0.1254	0.9808
colposcopies-2		0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3		0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7419	0.1720	0.5362	0.5618	0.2339

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7788	0.2212	0.7789	0.5577	0.7025
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1562	0.0422	0.0954	0.1360	0.1473
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands		0.6296	0.3704	0.6638	0.1469	0.4965
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.3639	0.1351	0.4618
dexter		0.6167	0.3833	0.6200	0.2333	0.8952
df_final		0.6875	0.2083	0.5590	0.5000	0.2664
DIA		0.8167	0.1833	0.7441	0.3529	0.3484
diabetes		0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5490	0.3007	0.4114	0.0251	0.3393
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8000	0.1000	0.6412	0.7161	0.1830
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9304	0.0696	0.7608	0.4682	0.4114
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7472	0.1685	0.5495	0.5475	0.3208
drug-01		0.4202	0.1657	0.1345	0.0751	0.3929
drug-02		0.5213	0.1368	0.1466	0.1286	0.3774
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5000	0.1429	0.1071	0.0419	0.3910

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4255	0.1641	0.1663	0.2508	0.3564
drug-07		0.4628	0.1791	0.1646	0.0902	0.3749
drug-08		0.5372	0.1322	0.1353	0.0901	0.3717
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5479	0.1292	0.1568	0.1710	0.3651
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6011	0.1140	0.1707	0.2461	0.3419
drug-14		0.5745	0.1216	0.2404	0.2102	0.3380
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5957	0.1348	0.2195	0.2979	0.3348
drug-17		0.3564	0.1839	0.1307	0.1040	0.4367
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.7353	0.0662	0.3034	0.6131	0.1308
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2603	0.2959	0.2330	0.0199	0.3814
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.9010	0.0990	0.9048	0.7988	0.3601
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.5145	0.0085	0.7021
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8125	0.0625	0.6236	0.7513	0.0899
flags		0.5000	0.1429	0.2907	0.3421	0.2612
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9038	0.0481	0.8908	0.8667	0.1395
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.3750	0.4167	0.3243	0.0588	0.4255
gender		0.5853	0.2765	0.3414	0.0251	0.4489
gene		0.8927	0.0715	0.8803	0.8294	0.2870
german		0.6700	0.3300	0.6097	0.0884	0.5988
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8905	0.1095	0.8906	0.7807	0.4564
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.5238	0.1587	0.4419	0.2857	0.2968
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8690	0.1310	0.8707	0.7360	0.5042
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.3039	0.2258	0.4213
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.4118	0.5882	0.3604	-0.2687	1.0000
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1765	0.1195	0.2996
hinselmann		0.5000	0.5000	0.3333	-0.3158	0.8298
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.4162	0.2455	0.4626
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9204	0.0398	0.3986	0.2005	0.0878
hypothyroidT		0.9363	0.0637	0.7301	0.2778	0.1636
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.7333	0.1778	0.6869	0.5890	0.2792
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.8531	0.1469	0.6744	0.0982	0.2917
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.6429	0.0298	0.0620	0.2632	0.1666
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.9248	0.0752	0.9246	0.8492	0.3565
la1s-wc		0.6794	0.1069	0.6727	0.5739	0.2863
la2s-wc		0.8444	0.0519	0.8251	0.8007	0.2237
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.2941	0.0353	0.1169	0.2602	0.1453
led24		0.2500	0.1500	0.0973	0.1176	0.3384
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.5000	0.0667	0.4229	0.4636	0.1767
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.8235	0.1765	0.7984	0.5968	0.6488
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8302	0.0485	0.4924	0.7659	0.1198
lung		0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.4149	0.5851	0.2932	0.0000	0.5268
madelon		0.5500	0.4500	0.5508	0.1000	0.9614
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8438	0.1562	0.8511	0.6899	0.5288
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.5743	0.2838	0.5681	0.3345	0.5480
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.6609	0.3391	0.6693	0.3301	0.8399
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.7137	0.4592	0.3653

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-D		0.6111	0.1944	0.4286	0.4324	0.2192
mfeat-fac		0.9600	0.0080	0.9616	0.9556	0.0477
mfeat-fou		0.6700	0.0660	0.6775	0.6333	0.2613
mfeat-kar		0.9000	0.0200	0.9039	0.8889	0.1121
mfeat-mor		0.3300	0.1340	0.2866	0.2556	0.2825
mfeat-pix		0.9450	0.0110	0.9455	0.9389	0.0670
mfeat-zer		0.6650	0.0670	0.6777	0.6278	0.2620
mice-prot		0.9630	0.0093	0.9655	0.9576	0.0394
milk		0.2358	0.5094	0.1272	0.0000	0.4229
mines		0.4412	0.2235	0.2667	0.2798	0.3350
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9152	0.0848	0.8207	0.6058	0.3732
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9515	0.0485	0.9048	0.7979	0.2301
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4861	0.3426	0.2694	-0.0517	0.5491
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.5000	0.2500	0.3094	0.2163	0.4149
occupancy		0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation		0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc		0.8119	0.0376	0.8060	0.7812	0.1412
oh10-wc		0.7238	0.0552	0.6596	0.6823	0.2291
oh15-wc		0.7500	0.0500	0.7548	0.7121	0.1991
oh5-wc		0.8242	0.0352	0.8217	0.7999	0.1363
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.6491	0.0780	0.3461	0.5392	0.1681
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8608	0.1392	0.8444	0.6888	0.5595
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8889	0.1111	0.8909	0.7782	0.4492
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9122	0.0351	0.3411	0.2310	0.1626
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		0.8000	0.2000	0.4444	0.0000	0.3522
pd		0.8816	0.1184	0.8450	0.6897	0.5506
pediatric-leukemia		0.8824	0.0336	0.8069	0.8547	0.0910
pendigits		0.1028	0.1794	0.0186	0.0000	0.4062
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9510	0.0490	0.9485	0.8968	0.2646
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%		0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.7778	0.2222	0.7222	0.4440	0.7488
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.6974	0.3026	0.6719	0.3150	0.7801
pirvision		0.8165	0.1224	0.2997	0.0000	0.2067
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.5263	0.4737	0.3448	0.0000	0.5239
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9306	0.0694	0.4820	0.0000	0.1724
polya		0.3578	0.6422	0.2635	0.0000	0.5109
popularity		0.3135	0.4577	0.1591	0.0000	0.3128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6816	0.3529	0.8237
prestige			0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor			0.2121	0.0716	0.0571	0.0403	0.3058
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.7200	0.0431	0.3661	0.5915	0.1905
re1-wc			0.5602	0.0352	0.2627	0.4606	0.2396
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.2271	0.2576	0.0617	0.0000	0.3819
satimageF			0.9844	0.0156	0.9589	0.9167	0.1403
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.1633	0.0857	0.0000	0.2912
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.5908	0.1765	0.9230
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9048	0.0635	0.9048	0.8571	0.1813
segment			0.7186	0.0804	0.7515	0.6715	0.1992
segmentation			0.7871	0.2129	0.7703	0.5403	0.7054
segmentO			0.9091	0.0909	0.8008	0.5136	0.2178
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8526	0.1474	0.5378	0.0483	0.6663
sens-5-gram			0.8474	0.1526	0.5720	0.1240	0.7215
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.0003	0.2856	0.0001	0.0000	0.1743
sick			0.9337	0.0663	0.4829	0.0000	0.1669

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.7895	0.2105	0.7889	0.5778	0.6844
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.6906	0.1031	0.5141	0.5951	0.2123
sonar			0.4500	0.5500	0.4475	-0.1000	1.0000
soybean			0.4412	0.0588	0.1849	0.3567	0.2308
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9087	0.0913	0.9042	0.8061	0.3953
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.3077	0.0513	0.1172	0.2446	0.2182
splice-EI			0.9495	0.0505	0.9395	0.8736	0.3241
splice-IE			0.9085	0.0915	0.8728	0.7456	0.4757
sport-articles			0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.2075	0.5283	0.1146	0.0000	0.4065
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9538	0.0462	0.9277	0.8544	0.2918
steel-o			0.7385	0.2615	0.6971	0.3409	0.6823
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.8855	0.0764	0.8919	0.8283	0.1780
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.6000	0.1600	0.2656	0.3216	0.3430
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6923	0.2051	0.5260	0.5000	0.2833
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.8526	0.1474	0.8312	0.6485	0.5223
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7463	0.2537	0.6583	0.3165	0.8046
titanic			0.8182	0.1818	0.7833	0.5545	0.6262

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tourist			0.1250	0.2917	0.0370	0.0000	0.3260
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.6471	0.3529	0.5858	0.1639	0.8952
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.7317	0.0596	0.5404	0.6528	0.1866
trec12-wc			0.7742	0.0565	0.7996	0.7204	0.1427
trec21-wc			0.9091	0.0364	0.5419	0.7946	0.0787
trec23-wc			0.7143	0.0952	0.6852	0.6075	0.3182
trec31-wc			0.9032	0.0323	0.8991	0.8693	0.1375
trec41-wc			0.1023	0.1795	0.0186	0.0000	0.3474
trec45-wc			0.7101	0.0580	0.6075	0.6570	0.2045
tuandromd			0.9619	0.0381	0.9411	0.8822	0.2881
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.8615	0.1385	0.8512	0.6865	0.4745
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.6269	0.0829	0.5346	0.5582	0.2351
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.6310	0.1845	0.6090	0.5047	0.4105
vehicleVAN			0.9524	0.0476	0.9365	0.8730	0.3040
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.3434	0.1194	0.2073	0.2778	0.2762
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8580	0.0947	0.8585	0.7870	0.3321
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.7778	0.1481	0.5349	0.5801	0.3622
Weekly			0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.7950	0.1025	0.8204	0.7267	0.1710
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5535	0.1488	0.2015	0.2395	0.3347
winequality-white			0.4785	0.1738	0.1804	0.1392	0.3952
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.4595	0.1081	0.2135	0.2945	0.4551
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 172: Detailed results for RandCART

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2062	0.0547	0.0882	0.1307	0.4835
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9055	0.0945	0.7811	0.5462	0.5243
adult		0.8258	0.1742	0.7359	0.4549	0.6565
advanced-iot		0.9990	0.0003	0.9990	0.9988	0.0025
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.8889	0.1111	0.5429	0.0745	0.6933
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.5917	0.1477	0.7218
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.4088	0.1161	0.2974
AID1284Morered		0.8333	0.1667	0.6516	0.3032	0.7325
AID1284red		0.7222	0.2778	0.5028	0.0055	0.7605
AID1608Morered		0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red		0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.5000	0.5000	0.4553	-0.0870	0.9393
AID644red		0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8216	0.1784	0.7324	0.4358	0.6345
air_pollution		0.2167	0.2238	0.1014	0.0098	0.4750
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8365	0.1635	0.8330	0.6650	0.5902
alcohol		0.5048	0.1981	0.2174	0.0888	0.5079
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers		0.6698	0.3302	0.6255	0.2484	0.8748
anneal		0.7640	0.0944	0.4026	0.4759	0.3571
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9068	0.0466	0.6339	0.8255	0.2502
anuran-genus		0.8025	0.0494	0.4138	0.6825	0.3275
anuran-species		0.7903	0.0419	0.4670	0.6998	0.2201
anxiety		0.0917	0.2019	0.0585	-0.0192	0.6103
apple-quality		0.7250	0.2750	0.7257	0.4500	0.7833
aps-failure		0.9845	0.0155	0.7278	0.4202	0.4147
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia		0.3778	0.1244	0.1178	0.0639	0.5425
auction		0.8529	0.1471	0.5631	0.1032	0.7077
audiology		0.3478	0.0543	0.1115	0.2767	0.1624
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.8182	0.1818	0.8136	0.5600	0.3750
autism-adult		0.8571	0.1429	0.8260	0.6503	0.5963
autism-child		0.5862	0.4138	0.5932	0.1792	0.9155
autos		0.5500	0.1500	0.5174	0.4357	0.4235
avila		0.2108	0.1315	0.1398	0.0892	0.5267
babies		0.3145	0.1959	0.0887	0.0038	0.3879
balance		0.7742	0.1505	0.7360	0.6407	0.3781
bank		0.8961	0.1039	0.6617	0.2050	0.4475
banknote		0.9635	0.0365	0.9632	0.9262	0.2133
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8433	0.1567	0.8274	0.6521	0.5818
basehock		0.5678	0.4322	0.5694	0.1364	0.9467
bio		0.9951	0.0049	0.8442	0.6790	0.3170
bio10%		0.9945	0.0055	0.8568	0.7115	0.4541
biodeg		0.8857	0.1143	0.8782	0.7505	0.4467
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin		0.7854	0.0195	0.0402	0.0229	0.0214
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.3657	0.3172	0.3547	0.1542	0.4647
bookings		0.8270	0.1153	0.5468	0.6358	0.3210
brain-tumor		0.5040	0.4960	0.5041	0.0082	0.9970
breast-cancer		0.5714	0.4286	0.5118	0.0233	0.9149
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.6364	0.3636	0.6553	0.2903	0.8322
breast-tissue		0.6364	0.1212	0.5346	0.5510	0.2080
bridges		0.4000	0.1714	0.4665	0.2308	0.2347
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9206	0.8413	0.3601
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4150	0.3900	0.3151	-0.0002	0.4756
car		0.7816	0.1092	0.5060	0.5323	0.3279
car-insurance		0.8170	0.1830	0.7811	0.5595	0.6596
card		0.8116	0.1884	0.8059	0.6115	0.6472
cardiotocography		0.2394	0.1521	0.1975	0.1210	0.5340
cardiotocography-nsp		0.8263	0.1158	0.6339	0.3975	0.4330
cardiovascular		0.6352	0.3648	0.6352	0.2704	0.8955
cargo2k		0.9061	0.0626	0.9075	0.8592	0.2289
cars		0.7500	0.1667	0.6719	0.5480	0.4505
cas_N6512_cdk_ECFP2		0.6068	0.3932	0.6041	0.2083	0.9233
cas_N6512_rdkit_ATOMPAIR		0.6000	0.4000	0.5995	0.1987	0.9268
cas_N6512_RDkit_AtomPair_FP		0.6242	0.3758	0.6229	0.2456	0.9060
cas_N6512_rdkit_AVALON		0.6682	0.3318	0.6652	0.3300	0.8609
cas_N6512_RDkit_Avalon_FP		0.6748	0.3252	0.6820	0.3562	0.8284
cas_N6512_rdkit_descriptors		0.6969	0.3031	0.6952	0.3904	0.8260
cas_N6512_rdkit_FEATMORGAN		0.6052	0.3948	0.6046	0.2088	0.9223
cas_N6512_RDkit_Featmorgan_FP		0.5966	0.4034	0.5920	0.1833	0.9323
cas_N6512_RDkit_FP		0.6334	0.3666	0.6307	0.2613	0.8983
cas_N6512_rdkit_LAYERED		0.6662	0.3338	0.6713	0.3373	0.8457
cas_N6512_RDkit_Layered_FP		0.6672	0.3328	0.6670	0.3334	0.8591

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7097	0.2903	0.7067	0.4119	0.8071
cas_N6512_RDkit_MACCS_FP		0.6856	0.3144	0.6880	0.3732	0.8308
cas_N6512_rdkit_MORGAN		0.5800	0.4200	0.5733	0.1446	0.9436
cas_N6512_RDkit_morgan_FP		0.5752	0.4248	0.5712	0.1422	0.9504
cas_N6512_rdkit_PATTERN		0.6538	0.3462	0.6528	0.3054	0.8754
cas_N6512_RDkit_pattern_FP		0.6610	0.3390	0.6686	0.3293	0.8435
cas_N6512_rdkit_RDKITFP		0.6267	0.3733	0.6300	0.2573	0.8937
cas_N6512_rdkit_TORSION		0.5969	0.4031	0.5949	0.1898	0.9314
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8411	0.1059	0.3937	0.0988	0.3105
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6632	0.3368	0.6250	0.2495	0.8802
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7854	0.5278	0.3340
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.4574	0.2713	0.3189	0.1986	0.3714
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9096	0.0904	0.4763	-0.0213	0.5766
churn		0.7960	0.2040	0.5993	0.1398	0.6806
churn-bigml		0.8727	0.1273	0.6852	0.2946	0.5340
ci900367j_MACCS		0.6105	0.3895	0.5753	0.1495	0.9288
cirrhosis		0.7143	0.1905	0.4811	0.4194	0.4227
cjs		0.7071	0.0976	0.7284	0.6395	0.3249
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.5944	0.2028	0.3511	0.3254	0.3646
climate		0.8889	0.1111	0.4706	-0.0519	0.7116
cll_sub_111		0.3333	0.4444	0.3639	-0.0667	0.6848
cm1		0.9000	0.1000	0.6431	0.2424	0.5963
cmc		0.3537	0.4308	0.4648	0.1133	0.5807
cnae-9		0.2685	0.1626	0.2370	0.1771	0.6000
codon_usage		0.3845	0.1119	0.2630	0.2943	0.4935
coil20		0.5069	0.0493	0.4942	0.4811	0.2555
college		0.8831	0.1169	0.8606	0.7179	0.5302
collins		0.1000	0.1200	0.1293	0.0162	0.4785
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.7241	0.2759	0.6947	0.3895	0.8063
colposcopies-2		0.4828	0.5172	0.4602	-0.0794	0.9943
colposcopies-3		0.6207	0.3793	0.6045	0.2084	0.9148
colposcopies-4		0.6897	0.3103	0.5641	0.1212	0.8758
colposcopies-5		0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6		0.6207	0.3793	0.6202	0.2350	0.8975
colposcopies-c		0.7241	0.2759	0.5383	0.0645	0.8394
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.6129	0.2581	0.5691	0.3212	0.5192
comedy_comparisons1%		0.5092	0.4908	0.5056	0.0109	0.9909

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
connect-4		0.9668	0.0221	0.4071	0.3145	0.2913
cottonmeloidogyne		0.6659	0.3341	0.6658	0.3316	0.8626
coupon		0.6080	0.3920	0.5966	0.1927	0.9247
covid19		0.1933	0.2305	0.1790	0.0316	0.3503
covtype		0.4942	0.1445	0.2389	0.1817	0.5580
covtype10%		0.5033	0.1419	0.2287	0.1839	0.4888
covtypeCD		0.9235	0.0765	0.8246	0.6417	0.4749
covtypeT		0.9353	0.0647	0.6813	0.3087	0.5032
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.6369	0.1210	0.2902	0.3421	0.3391
cryotherapy		0.6667	0.3333	0.6750	0.3415	0.8344
cultivars		0.0312	0.0484	0.0071	0.0050	0.1885
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1433	0.2856	0.0718	-0.0244	0.5330
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.7037	0.2963	0.6942	0.3872	0.8199
darwin		0.6111	0.3889	0.6349	0.2222	0.7904
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dating		0.0972	0.1806	0.0323	-0.0049	0.4892
dbworld		0.7143	0.2857	0.7083	0.4167	0.8058
default		0.8090	0.1910	0.6780	0.3173	0.6755
defect		0.8364	0.1636	0.6018	0.1477	0.6519
dementia		0.9200	0.0800	0.9203	0.8400	0.3687
deposit		0.8896	0.1104	0.6480	0.1883	0.4825
depressed		0.8182	0.1818	0.5539	0.0710	0.6919
dermatology		0.7568	0.0811	0.7493	0.6964	0.1963
desharnais		0.5000	0.3333	0.3366	0.0303	0.5178
dexter		0.4500	0.5500	0.4475	-0.1000	1.0000
df_final		0.2500	0.5000	0.2696	-0.1429	0.7577
DIA		0.6667	0.3333	0.4863	-0.0256	0.9091
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9217	0.0783	0.6693	0.2435	0.4517
diabetes-risk		0.8397	0.1603	0.7203	0.3900	0.5818
diabetic		0.4156	0.3896	0.3414	0.0466	0.5064
diabetic1%		0.5196	0.3203	0.3655	0.1299	0.5521
diabetic10%		0.4312	0.3792	0.3249	0.0253	0.5575
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8667	0.0667	0.8150	0.8142	0.2151
diamonds_all		0.2697	0.2921	0.2645	0.0553	0.5322
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford		0.6000	0.4000	0.5833	0.1667	0.9308
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dota2		0.5536	0.4464	0.5466	0.0849	0.9350
dota210%		0.5485	0.4515	0.5453	0.0903	0.9695
drebin		0.8889	0.1111	0.8802	0.7603	0.4761
dropout		0.6479	0.2348	0.4899	0.3439	0.3956
drug-01		0.2660	0.2097	0.1158	0.0635	0.4808
drug-02		0.3830	0.1763	0.1554	0.1166	0.4946
drug-03		0.4521	0.1565	0.1499	0.0908	0.3108
drug-04		0.4043	0.1702	0.1746	0.1577	0.5624
drug-05		0.4255	0.1641	0.1334	-0.0180	0.2739
drug-06		0.0798	0.2629	0.0819	-0.0459	0.6145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-07		0.4255	0.1641	0.0853	-0.0068	0.2813
drug-08		0.2500	0.2143	0.1554	0.0514	0.4888
drug-09		0.6915	0.0881	0.1340	0.0606	0.2018
drug-10		0.2606	0.2112	0.1802	0.0996	0.5088
drug-11		0.6011	0.1140	0.1505	0.0425	0.3267
drug-12		0.5745	0.1216	0.1883	0.1253	0.3114
drug-13		0.3245	0.1930	0.1642	0.1408	0.5059
drug-14		0.3138	0.1960	0.1573	0.0772	0.4632
drug-15		0.4202	0.1657	0.1173	0.0679	0.3936
drug-16		0.4043	0.1702	0.2380	0.2094	0.4529
drug-17		0.3298	0.1915	0.1337	0.0707	0.5278
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.5000	0.1429	0.1215	0.0214	0.3946
drybean		0.7436	0.0733	0.7380	0.6932	0.3218
ecoli		0.7353	0.0662	0.3597	0.6357	0.2203
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7238	0.4460	0.7379
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.1614	-0.0136	0.6289
eeg		0.1329	0.1084	0.1021	0.0600	0.6748
eeg-eye		0.6515	0.3485	0.6436	0.2794	0.8663
eeg10%		0.0897	0.1138	0.0702	0.0199	0.6397
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.3973	0.2411	0.4479	0.2589	0.5629
euthyroid		0.9304	0.0696	0.7679	0.4890	0.4173
exon.vs.intron-freq		0.8295	0.1705	0.8300	0.6590	0.6031
exon.vs.intron-freq10%		0.8175	0.1825	0.8213	0.6367	0.6108
fakenews		0.5325	0.4675	0.5330	0.0657	0.9786
fbis-wc		0.1179	0.1038	0.0590	0.0325	0.5953
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.6275	0.3725	0.6203	0.2388	0.9032
financial-risk		0.4865	0.1712	0.1860	0.0329	0.4344
fishcatch		0.6875	0.1042	0.6118	0.6098	0.2059
flags		0.2000	0.2286	0.1166	0.0419	0.5079
fonts		0.0021	0.0130	0.0004	-0.0011	0.4828
forest		0.7308	0.1346	0.7899	0.6282	0.2619
gas		0.7743	0.0752	0.7868	0.7243	0.2741
gastrointestinal		0.1875	0.5417	0.1250	-0.2683	0.8773
gender		0.5095	0.3270	0.3331	0.0412	0.5488
gene		0.5016	0.3323	0.5082	0.2345	0.6325
german		0.6900	0.3100	0.6284	0.2211	0.7953
gestures		0.2560	0.3720	0.1704	0.0078	0.5719
gina		0.7406	0.2594	0.7407	0.4813	0.7640
gisette		0.7371	0.2629	0.7374	0.4743	0.7682
glass		0.6190	0.1270	0.6581	0.4831	0.3358
glass-g2		0.5625	0.4375	0.5813	0.1515	0.8916
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		0.8636	0.1364	0.4634	-0.0645	0.7409
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9091	0.0909	0.7843	0.4634	0.5000
glassVWFP		0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.7895	0.5000	0.5283
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8095	0.1905	0.8024	0.6017	0.6430
green		0.8000	0.2000	0.7619	0.4118	0.3750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
grub-damage		0.4667	0.2667	0.3661	0.2500	0.5444
gsalc		0.6667	0.1111	0.5714	0.5970	0.0968
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
hapt		0.6386	0.0602	0.3387	0.5719	0.3026
har		0.3323	0.2671	0.4063	0.1750	0.5844
har70		0.4246	0.1644	0.3232	0.2797	0.4613
har701%		0.5062	0.1411	0.3563	0.3641	0.4455
har7010%		0.5035	0.1418	0.3502	0.3713	0.4354
harth		0.4365	0.0939	0.1808	0.2851	0.5021
harth1%		0.4656	0.0891	0.1926	0.3142	0.4228
harth10%		0.4022	0.0996	0.1931	0.2456	0.4781
hayes-roth		0.6250	0.2500	0.6016	0.4074	0.4678
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.5700	0.2150	0.2105	-0.0747	0.3733
heart		0.6667	0.3333	0.6732	0.3379	0.8327
heart-attack		0.7419	0.2581	0.7383	0.4723	0.7550
heart-c		0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure		0.8440	0.1560	0.8189	0.6379	0.6089
heart-quantum		0.8200	0.1800	0.8143	0.6281	0.6334
hepatitis		0.9333	0.0667	0.8929	0.7619	0.1858
hepmass		0.7706	0.2294	0.7712	0.5413	0.7131
hepmass1%		0.7728	0.2272	0.7731	0.5457	0.7112
hepmass10%		0.7743	0.2257	0.7748	0.5485	0.7074
hERG-121inputs		0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.5860	0.4140	0.5806	0.1539	0.9234
higgs0.1%		0.5864	0.4136	0.5809	0.1544	0.9226
higgs1%		0.5835	0.4165	0.5780	0.1520	0.9348
higgs10%		0.5873	0.4127	0.5824	0.1587	0.9254
higher		0.1429	0.2143	0.1250	0.0059	0.4335
hinselmann		0.7000	0.3000	0.6098	0.2105	0.7892
hitters		0.8438	0.1562	0.8444	0.6875	0.5712
hiv1-proteasa		0.8229	0.1771	0.6085	0.1841	0.7125
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.5684	0.2360	0.4899
hotel-reservartions		0.7671	0.2329	0.7191	0.4123	0.7016
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.6078	0.2615	0.6245	0.4026	0.5848
ht-sensor10%		0.6270	0.2487	0.6405	0.4337	0.5789
htru2		0.9726	0.0274	0.9130	0.8203	0.2303
hypothyroid		0.9231	0.0385	0.4140	0.3493	0.2221
hypothyroidT		0.9363	0.0637	0.7301	0.2778	0.1636
ilpd		0.6441	0.3559	0.4826	-0.0299	0.9187
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.8827	0.0587	0.8827	0.8436	0.2109
ionosphere		0.8571	0.1429	0.8309	0.6602	0.5698
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9600	0.0400	0.9606	0.9180	0.1675
isolet		0.0899	0.0700	0.0603	0.0534	0.5283
jm1		0.8163	0.1837	0.6318	0.1867	0.6220
jvowels		0.3574	0.1428	0.2962	0.2684	0.5119
kc1		0.8389	0.1611	0.6225	0.2149	0.6982
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.4286	0.0476	0.0312	0.1385	0.1642
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007		0.1322	0.2170	0.0820	-0.0145	0.6381

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup981%		0.9263	0.0737	0.4809	-0.0310	0.6583
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9687	0.0031	0.1692	0.9468	0.1747
kddcup991%		0.9601	0.0061	0.2688	0.9325	0.1789
kddcup9910%		0.9478	0.0055	0.1986	0.9124	0.1624
kepler		0.5816	0.2789	0.4990	0.1659	0.4501
kidney		0.6743	0.1303	0.1864	-0.0037	0.3273
kidney-disease		0.9750	0.0250	0.9743	0.9474	0.1598
krkopt		0.1312	0.0965	0.0824	0.0467	0.6220
krvskp		0.7931	0.2069	0.7935	0.5863	0.6753
la1s-wc		0.1841	0.2720	0.1286	-0.0050	0.6480
la2s-wc		0.1921	0.2693	0.1525	-0.0109	0.7222
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.1176	0.0441	0.0407	0.0901	0.1883
led24		0.2500	0.1500	0.1486	0.1379	0.3641
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.0770	0.0710	0.0679	0.0395	0.5808
leukemia		0.4286	0.3810	0.4242	0.0667	0.5513
leukemia2		0.5714	0.4286	0.5833	0.1600	0.9174
libra		0.3889	0.0815	0.4089	0.3433	0.2764
linkage		0.9985	0.0015	0.9137	0.8215	0.4062
linkage1%		0.9979	0.0021	0.8851	0.7590	0.4666
linkage10%		0.9993	0.0007	0.9569	0.9129	0.2548
liver		0.7353	0.2647	0.7632	0.4814	0.6481
loan		0.8595	0.1405	0.8495	0.6987	0.5502
localization		0.1951	0.1464	0.0879	0.0745	0.4925
localization10%		0.1820	0.1487	0.0835	0.0581	0.5382
lrs		0.6981	0.0863	0.3996	0.5847	0.2548
lung		0.8571	0.0571	0.8612	0.7418	0.1790
lung_discrete		0.3750	0.1786	0.2597	0.2453	0.2440
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8000	0.0800	0.6173	0.5876	0.2283
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.8571	0.0714	0.4469	0.7255	0.1760
lymphoma2		0.5556	0.1481	0.4125	0.4000	0.2369
machine-failure		0.8936	0.1064	0.8900	0.7792	0.4498
madelon		0.5038	0.4962	0.5038	0.0077	0.9978
magic04		0.7806	0.2194	0.7549	0.5085	0.7184
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8430	0.6859	0.5749
marketing		0.8795	0.1205	0.7127	0.3703	0.5391
maternal		0.5842	0.2772	0.6074	0.3521	0.5549
math		0.4250	0.2875	0.4211	0.1629	0.6066
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.5833	0.2083	0.5261	0.4444	0.3844
mental-health		0.2000	0.3200	0.1387	0.0058	0.5489
messidor		0.6522	0.3478	0.6620	0.3145	0.8460
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.8622	0.7682	0.1815
meter-D		0.7222	0.1389	0.6407	0.6234	0.2420
mfeat-fac		0.4600	0.1080	0.5062	0.4000	0.4393
mfeat-fou		0.2450	0.1510	0.2564	0.1611	0.6034
mfeat-kar		0.1500	0.1700	0.1432	0.0556	0.6601
mfeat-mor		0.4000	0.1200	0.3798	0.3333	0.3415

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
mfeat-pix			0.3650	0.1270	0.4242	0.2944	0.5179
mfeat-zer			0.3300	0.1340	0.3715	0.2556	0.4982
mice-prot			0.3704	0.1574	0.4104	0.2821	0.4750
milk			0.7830	0.1447	0.8103	0.6547	0.2595
mines			0.3235	0.2706	0.2510	0.1555	0.5345
mobile			0.0140	0.0352	0.0060	-0.0038	0.4255
monks-1			0.6182	0.3818	0.6180	0.2346	0.9089
monks-2			0.7541	0.2459	0.7156	0.4227	0.7534
monks-3			0.8571	0.1429	0.8582	0.7147	0.5374
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.9373	0.0627	0.9373	0.8743	0.3102
music			0.0733	0.1685	0.1000	0.0089	0.5442
musk			0.8924	0.1076	0.7640	0.4878	0.4913
MUT_ci300400a_cdk_ECFP2			0.6247	0.3753	0.6087	0.2164	0.9107
MUT_ci300400a_cdk_ECFP4			0.6168	0.3832	0.5984	0.1952	0.9180
MUT_ci300400a_cdk_ECFP6			0.5940	0.4060	0.5691	0.1344	0.9348
MUT_ci300400a_cdk_ESTATE			0.6703	0.3297	0.6606	0.3211	0.8617
MUT_ci300400a_cdk_EXTENDED			0.6595	0.3405	0.6462	0.2917	0.8749
MUT_ci300400a_cdk_FCFP2			0.6455	0.3545	0.6300	0.2586	0.8897
MUT_ci300400a_cdk_FCFP4			0.6127	0.3873	0.5947	0.1880	0.9218
MUT_ci300400a_cdk_FCFP6			0.6151	0.3849	0.5912	0.1766	0.9132
MUT_ci300400a_cdk_MACCS			0.6942	0.3058	0.6886	0.3766	0.8295
MUT_ci300400a_cdk_PUBCHEM			0.7401	0.2599	0.7356	0.4704	0.7670
MUT_ci300400a_cdk_STANDARD			0.6814	0.3186	0.6765	0.3522	0.8433
MUT_ci300400a_rdkit_descriptors			0.7018	0.2982	0.6938	0.3874	0.8232
myocardial			0.5176	0.1206	0.0913	0.0547	0.3404
naticusdroid			0.8984	0.1016	0.8985	0.7968	0.4355
NCI60			0.5000	0.1667	0.4286	0.4000	0.2097
nci9			0.3333	0.2222	0.1961	0.2000	0.2286
ncRNA			0.6386	0.0380	0.1427	0.3284	0.6151
ncRNA1%			0.5901	0.0431	0.1388	0.2743	0.5097
ncRNA10%			0.6600	0.0358	0.0932	0.3385	0.5979
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			0.8571	0.0952	0.7732	0.6613	0.3084
new-thyroidT			0.9524	0.0476	0.9211	0.8293	0.4011
newspop			0.6049	0.3951	0.6001	0.1944	0.9126
NHANES_age_prediction			0.9207	0.0793	0.8380	0.6472	0.3546
nomao			0.8842	0.1158	0.8670	0.7295	0.5179
NPHA-doctor-visits			0.5417	0.3056	0.4994	0.1010	0.5282
nursery			0.6991	0.1505	0.5656	0.5736	0.4507
obesity			0.4076	0.1693	0.4036	0.3065	0.4962
obs			0.5463	0.2269	0.6137	0.4083	0.4031
occupancy			0.9757	0.0243	0.9661	0.9321	0.2026
Occupancy_Estimation			0.9319	0.0341	0.7663	0.7979	0.1954
oh0-wc			0.2574	0.1485	0.1735	0.1409	0.5887
oh10-wc			0.1143	0.1771	0.1011	0.0223	0.6319
oh15-wc			0.1848	0.1630	0.1493	0.0747	0.6453
oh5-wc			0.0659	0.1868	0.0502	-0.0548	0.6627
ohscal-wc			0.1147	0.1771	0.0669	0.0024	0.6234
olive			0.7193	0.0624	0.6130	0.6451	0.2197
opn310k			0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%			0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.3772	0.1246	0.3548	0.3087	0.4937
optdigitsZ			0.9804	0.0196	0.9382	0.8759	0.2387
orl			0.0250	0.0488	0.0100	0.0000	0.2420
orlraws10P			0.4000	0.1200	0.2514	0.3333	0.1603
ovarian-cancer			0.9200	0.0800	0.9132	0.8264	0.3879

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9091	0.0909	0.5308	0.0456	0.6418
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7629	0.2371	0.7262	0.4475	0.7466
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7381	0.2619	0.7419	0.4788	0.7539
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.8757	0.0497	0.2897	0.3842	0.3860
parkinson		0.8833	0.1167	0.8787	0.7570	0.4817
parkinsons		0.6825	0.3175	0.6486	0.2892	0.8469
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8500	0.1500	0.8042	0.5902	0.5477
particle10%		0.8531	0.1469	0.8090	0.6063	0.5607
pasture		0.2500	0.5000	0.2222	-0.0909	0.5195
pc1		0.9369	0.0631	0.7008	0.3376	0.4605
pcmac		0.5155	0.4845	0.4874	-0.0248	0.9945
pcos		0.9967	0.0033	0.9949	0.9896	0.0572
pd		0.8289	0.1711	0.7553	0.5000	0.6507
pediatric-leukemia		0.2941	0.2017	0.2591	0.1579	0.6278
pendigits		0.5478	0.0904	0.5466	0.4968	0.3725
period		0.5556	0.4444	0.5791	0.1429	0.8628
period-10f		0.4444	0.5556	0.3077	-0.3636	1.0000
persistency		0.7405	0.2595	0.7169	0.4304	0.7742
personalities		0.1023	0.1122	0.0714	0.0425	0.6590
pet-adoption		0.8100	0.1900	0.7770	0.5459	0.6524
phishing		0.8816	0.1184	0.8761	0.7521	0.4942
PhiUSIIL		0.9416	0.0584	0.9405	0.8800	0.2869
PhiUSIIL10%		0.9309	0.0691	0.9298	0.8574	0.3147
phone-acc		0.2685	0.2090	0.2622	0.1416	0.6158
phone-acc0.1%		0.2427	0.2164	0.1802	0.1127	0.6000
phone-acc1%		0.2131	0.2248	0.1663	0.0789	0.6222
phone-acc10%		0.2373	0.2179	0.1713	0.1037	0.5977
phone-gyr		0.2529	0.2135	0.2527	0.1238	0.5969
phone-gyr0.1%		0.2426	0.2164	0.2493	0.1157	0.6173
phone-gyr1%		0.2037	0.2275	0.1638	0.0677	0.6068
phone-gyr10%		0.2195	0.2230	0.1768	0.0887	0.6056
phoneme		0.8000	0.2000	0.7432	0.4830	0.7066
phy		0.6482	0.3518	0.6485	0.2966	0.8809
pima		0.6316	0.3684	0.5861	0.1392	0.8376
pirvision		0.9641	0.0239	0.9170	0.8872	0.1820
placement		0.7800	0.2200	0.7729	0.5452	0.7053
plant-growth		0.7368	0.2632	0.7360	0.4693	0.7643
plrx		0.6111	0.3889	0.4834	-0.0328	0.9365
poker		0.4230	0.1154	0.0595	0.0000	0.1754
poker1%		0.4576	0.1550	0.1465	0.0378	0.2917
poker10%		0.4230	0.1442	0.0743	0.0000	0.1921
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9340	0.0660	0.6800	0.0871	0.1667
polya		0.7114	0.2886	0.6732	0.3406	0.8188
popularity		0.6419	0.2388	0.3837	0.0651	0.3883
post-operative		0.6667	0.2222	0.3967	0.1818	0.4399
postures		0.3694	0.2522	0.4148	0.2105	0.5799
pred-tox_mutagen_ref-desc		0.6324	0.3676	0.6338	0.2647	0.8906
prestige		0.8889	0.0741	0.8805	0.8200	0.1174
primary-tumor		0.1212	0.0799	0.0856	0.0842	0.2774
processed		0.8290	0.1710	0.8056	0.6111	0.6379

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
profb			0.6418	0.3582	0.5939	0.1879	0.8988
promoters			0.6000	0.4000	0.5833	0.1667	0.9308
prostate			0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE			0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio			0.7092	0.1163	0.5496	0.6093	0.3851
puc-rio10%			0.7224	0.1110	0.6370	0.6342	0.3717
pufs-128			0.5012	0.4988	0.5012	0.0025	0.9993
pufs-1281%			0.5072	0.4928	0.5072	0.0143	0.9959
pufs-12810%			0.5008	0.4992	0.5008	0.0016	0.9995
pufs-64			0.4995	0.5005	0.4995	-0.0011	0.9997
pufs-641%			0.4992	0.5008	0.4991	-0.0017	1.0000
pufs-6410%			0.4964	0.5036	0.4964	-0.0073	1.0000
pulsar			0.9777	0.0223	0.9304	0.8570	0.1932
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%			0.0241	0.0476	0.0096	-0.0073	0.6218
re0-wc			0.1067	0.1374	0.0568	0.0023	0.6658
re1-wc			0.0482	0.0761	0.0239	-0.0065	0.6202
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.9819	0.0181	0.9817	0.9633	0.1177
rnaseq			0.8000	0.0800	0.7705	0.7342	0.2850
rocket			0.6139	0.3861	0.5940	0.1872	0.9219
RT_IOT2022			0.9656	0.0057	0.5469	0.9125	0.0449
satimage			0.7465	0.0845	0.7136	0.6907	0.3450
satimageF			0.9829	0.0171	0.9546	0.9066	0.1130
satimageT			0.9254	0.0746	0.7564	0.4129	0.3066
scadi			0.5714	0.1224	0.3265	0.3824	0.2331
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5294	0.4706	0.5294	0.0588	0.9823
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9423	0.0577	0.7022	0.1722	0.1514
secondary_mushroom			0.7825	0.2175	0.7834	0.5643	0.6907
seeds			0.8571	0.0952	0.8631	0.7857	0.2706
segment			0.5974	0.1150	0.6307	0.5308	0.3384
segmentation			0.7673	0.2327	0.7377	0.4681	0.7285
segmentO			0.9394	0.0606	0.8793	0.7586	0.4410
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9560	0.0440	0.8752	0.7498	0.4120
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8635	0.1365	0.5497	0.0225	0.4461
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8658	0.1342	0.5971	0.1223	0.5839
sens-4-gram			0.8395	0.1605	0.5291	0.0469	0.7388
sens-5-gram			0.8579	0.1421	0.5509	0.0587	0.6232
sens-6-gram			0.8579	0.1421	0.5509	0.0587	0.6232
sens-7-gram			0.8658	0.1342	0.5694	0.0500	0.4928
sens-8-gram			0.8579	0.1421	0.5635	0.0823	0.6398
sens-9-gram			0.8684	0.1316	0.6013	0.1055	0.5237
sensorless			0.1827	0.1486	0.1585	0.1010	0.5159
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8629	0.1371	0.6844	0.1901	0.3629
shuttle			0.9821	0.0051	0.4106	0.9492	0.0347
sick			0.9337	0.0663	0.6853	0.3570	0.5885
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9648	0.0352	0.9457	0.8909	0.2399
skin10%			0.9685	0.0315	0.9551	0.9082	0.2717
smarket			0.7920	0.2080	0.7937	0.5825	0.6642
smart-farming			0.3000	0.3500	0.2763	0.0581	0.7356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smk_can_187			0.5263	0.4737	0.5345	0.0656	0.9580
smoking			0.7105	0.2895	0.6926	0.3847	0.8155
soil_pollution			0.1767	0.3293	0.1230	-0.0320	0.6511
solar-flare			0.6475	0.1175	0.4745	0.5482	0.2267
sonar			0.3500	0.6500	0.3492	-0.3000	1.0000
soybean			0.5147	0.0511	0.4616	0.4675	0.2145
spam-detection			0.9415	0.0585	0.7997	0.5739	0.4148
spambase			0.8326	0.1674	0.8236	0.6463	0.6058
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer			0.0962	0.0670	0.0473	0.0527	0.3197
splice-EI			0.8044	0.1956	0.7306	0.4593	0.7171
splice-IE			0.7571	0.2429	0.6280	0.2480	0.8045
sport-articles			0.7700	0.2300	0.7460	0.4681	0.6777
squash-stored			0.8000	0.1333	0.8333	0.7059	0.1585
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			0.7634	0.2366	0.7592	0.5101	0.7167
steel_industry			0.7178	0.1882	0.6704	0.5469	0.4587
steel-b			0.8000	0.2000	0.6542	0.2897	0.7384
steel-d			0.9744	0.0256	0.7677	0.5324	0.5024
steel-k			0.9590	0.0410	0.9385	0.8765	0.3112
steel-o			0.6923	0.3077	0.6350	0.2510	0.8263
steel-p			0.9179	0.0821	0.6440	0.2387	0.5624
steel-s			0.9641	0.0359	0.7068	0.3491	0.4092
steel-z			0.9487	0.0513	0.8542	0.7084	0.4722
stellar			0.5447	0.3035	0.5257	0.2376	0.5488
stock			0.8125	0.1875	0.6591	0.3150	0.7501
stockb			0.9648	0.0235	0.9663	0.9471	0.0719
streaming			0.7520	0.2480	0.7495	0.4990	0.7490
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.3200	0.2720	0.2775	0.1302	0.4029
student-depression			0.7090	0.2910	0.6978	0.3951	0.8153
student-habits			0.3500	0.2600	0.2046	0.0081	0.5864
student-weekend			0.2923	0.2831	0.2567	0.0865	0.6508
student-workday			0.6094	0.1562	0.2156	0.1370	0.5137
studentap			0.4615	0.3590	0.4444	0.1574	0.6570
susy			0.7352	0.2648	0.7323	0.4612	0.7665
susy1%			0.7426	0.2574	0.7436	0.4703	0.7197
susy10%			0.7398	0.2602	0.7379	0.4679	0.7482
swarm_aligned			0.9658	0.0342	0.9612	0.9216	0.2314
swarm_flocking			0.9126	0.0874	0.9127	0.8251	0.3935
swarm_grouped			0.9384	0.0616	0.9345	0.8689	0.3227
tae			0.6000	0.2667	0.6497	0.4000	0.4012
telco-churn			0.8352	0.1648	0.7828	0.5643	0.6468
texture			0.5855	0.0754	0.6160	0.5442	0.3506
theorem			0.8854	0.1146	0.8847	0.7673	0.4739
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.8684	0.1316	0.8364	0.6713	0.5520
tic-tac-toe			0.8000	0.2000	0.7677	0.5269	0.6698
tis			0.7547	0.2453	0.6280	0.2416	0.7963
tis10%			0.7463	0.2537	0.6303	0.2558	0.8158
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.8750	0.0417	0.7703	0.8298	0.0994
tox_171			0.4706	0.2647	0.5133	0.2949	0.3974
toxicity			0.3529	0.6471	0.2609	-0.4724	1.0000
toxicity-13f			0.6471	0.3529	0.6136	0.2273	0.8920
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5282	0.0517	0.8718

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec11-wc			0.1951	0.1789	0.1619	0.0095	0.5800
trec12-wc			0.2903	0.1774	0.2500	0.1773	0.5394
trec21-wc			0.4242	0.1919	0.2528	0.1304	0.5888
trec23-wc			0.4762	0.1746	0.3249	0.2572	0.3951
trec31-wc			0.2796	0.2401	0.1968	0.1010	0.7211
trec41-wc			0.1705	0.1659	0.1226	0.0638	0.6661
trec45-wc			0.1304	0.1739	0.1457	0.0441	0.5722
tuandromd			0.9552	0.0448	0.9304	0.8608	0.3181
turkish			0.5250	0.2375	0.5861	0.3667	0.4503
tvnews			0.7852	0.2148	0.7638	0.5250	0.7033
tvnews1%			0.8000	0.2000	0.7853	0.5706	0.6805
tvnews10%			0.7826	0.2174	0.7609	0.5181	0.7051
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.4478	0.1227	0.3836	0.3424	0.4478
urinalysis			0.9301	0.0699	0.4819	-0.0229	0.6125
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.5714	0.2143	0.5646	0.4182	0.5213
vehicleVAN			0.9048	0.0952	0.8977	0.7746	0.4230
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.1919	0.1469	0.2505	0.1111	0.4210
vowelZ			0.9495	0.0505	0.8723	0.7343	0.4979
vrnormat310k-hg16-17			0.9107	0.0893	0.6500	0.2492	0.5655
wap-wc			0.0256	0.0974	0.0139	-0.0360	0.6480
warpar10p			0.3846	0.1231	0.3214	0.3158	0.2292
warppie10p			0.7143	0.0571	0.7432	0.6834	0.1303
watch-acc			0.3221	0.1937	0.3776	0.2092	0.5468
watch-acc1%			0.3688	0.1803	0.4264	0.2671	0.5129
watch-acc10%			0.3290	0.1917	0.3901	0.2185	0.5416
watch-gyr			0.3166	0.1953	0.3624	0.2035	0.5816
watch-gyr1%			0.2258	0.2212	0.2626	0.0980	0.5789
watch-gyr10%			0.3000	0.2000	0.3498	0.1836	0.5594
water_pollution			0.2800	0.3600	0.1866	0.0362	0.5690
waveform			0.5900	0.2733	0.6159	0.3833	0.5936
weather-related			0.4135	0.1066	0.3624	0.3496	0.4764
web-phishing			0.8000	0.1333	0.5575	0.6296	0.3267
Weekly			0.9074	0.0926	0.9066	0.8109	0.3951
weight-lift			0.3231	0.2708	0.3420	0.1518	0.5703
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.8950	0.0525	0.8994	0.8600	0.1865
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5157	0.1614	0.2360	0.2063	0.4188
winequality-white			0.3190	0.1946	0.1670	0.0345	0.3592
winnipeg			0.8684	0.0376	0.7049	0.8343	0.2192
winnipeg10%			0.8429	0.0449	0.6103	0.8016	0.2100
wisc_bc			0.9474	0.0526	0.9443	0.8880	0.2925
yale			0.1250	0.1167	0.0889	0.0667	0.2462
yeast			0.5135	0.0973	0.3351	0.3556	0.3840
yeastCYT-POX			1.0000	0.0000	1.0000	1.0000	0.0000
yeastEXC			0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1			0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2			0.9527	0.0473	0.6808	0.3410	0.5495
zip			0.3882	0.1224	0.3293	0.3153	0.5209

Table 173: Detailed results for RBFNN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1079	0.0615	0.1046	0.0358	0.6385
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9828	0.0172	0.6548	0.0962	0.1558
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
ads		0.9817	0.0183	0.9614	0.9198	0.0692
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8889	0.1111	0.7333	0.3010	0.2451
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.6979	0.2188	0.4125
AID644red		0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8075	0.1925	0.7050	0.3466	0.6008
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8571	0.0571	0.5619	0.6483	0.1567
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7442	0.2558	0.7104	0.3580	0.6442
anneal		0.9551	0.0180	0.9446	0.9020	0.0988
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9847	0.0076	0.9502	0.9707	0.0355
anuran-genus		0.9847	0.0038	0.9545	0.9748	0.0340
anuran-species		0.9833	0.0033	0.9732	0.9768	0.0302
anxiety		0.1083	0.1981	0.1164	-0.0070	0.7919
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6000	0.4000	0.5833	0.1667	0.9308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.6444	0.0547	0.3514	0.3640	0.2406
auction		0.8775	0.1225	0.6686	0.0652	0.2579
audiology		0.5217	0.0399	0.2060	0.4488	0.1132
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7230	0.8676	0.0699
avila		0.7782	0.0370	0.7776	0.7033	0.3267
babies		0.3306	0.1912	0.1633	0.0098	0.6329
balance		0.9032	0.0645	0.6228	0.8178	0.1771
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8848	0.1152	0.8741	0.7412	0.4487
basehock		0.7638	0.2362	0.7959	0.5265	0.5005
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8571	0.1429	0.8479	0.6957	0.5561
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%		0.0032	0.0687	0.0002	0.0000	0.0124
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.6786	0.3214	0.5913	0.1818	0.8787
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9483	0.0259	0.9167	0.8893	0.1913
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8355	0.6681	0.5759
cardiotocography		0.7746	0.0451	0.7442	0.7277	0.2489
cardiotocography-nsp		0.8920	0.0720	0.7883	0.6603	0.2377
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9949	0.0034	0.9949	0.9924	0.0197
cars		0.7500	0.1667	0.6705	0.5249	0.4567
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7831	0.2169	0.7842	0.5664	0.6902
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7914	0.2086	0.7929	0.5833	0.6736
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7720	0.2280	0.7415	0.4759	0.7218
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9557	0.0443	0.6838	0.2003	0.2594
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.6230	0.1691	0.5280
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9993	0.0007	0.8332	0.6663	0.4330
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8360	0.1640	0.7064	0.3475	0.5696
churn-bigml		0.8914	0.1086	0.7456	0.4071	0.4116
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.4807	0.4350	0.4320
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7667	0.1167	0.4751	0.6128	0.2656
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4667	0.2020	0.7485
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8956	0.0190	0.8061	0.8724	0.1483
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.5400	0.0613	0.4213	0.4838	0.2136
colon-tumor		0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1		0.6552	0.3448	0.5841	0.1570	0.8836
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6207	0.3793	0.5943	0.1212	0.7498
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.8387	0.1613	0.8092	0.5995	0.5508
column-3c		0.7742	0.1505	0.7318	0.6303	0.3780
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7572	0.2428	0.7652	0.5155	0.6950
coupon		0.6877	0.3123	0.6765	0.3425	0.8214
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.8695	0.0373	0.7718	0.7886	0.2877
covtypeCD		0.9826	0.0174	0.9624	0.9241	0.1454
covtypeT		0.9766	0.0234	0.9034	0.7971	0.2052
crabs		0.9000	0.0500	0.9000	0.8667	0.1285
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9989	0.0011	0.8234	0.5710	0.0057
crowdsourced		0.9475	0.0175	0.8958	0.8885	0.0889
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.4375	0.0281	0.3206	0.4240	0.0751
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1533	0.2822	0.1582	-0.0211	0.8653
cyclopentane		0.5926	0.4074	0.5843	0.1681	0.9372
cylinder-bands		0.7593	0.2407	0.7722	0.5263	0.6829
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8003	0.1997	0.6517	0.2014	0.5779
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8943	0.1057	0.6998	0.3795	0.6114
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9189	0.0270	0.9243	0.8987	0.0846
desharnais		0.5000	0.3333	0.3901	0.1579	0.6489
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.8125	0.1250	0.8452	0.7108	0.2409
DIA		0.8333	0.1667	0.7585	0.4595	0.5191
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5490	0.3007	0.4114	0.0251	0.3393
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9333	0.0333	0.9107	0.9068	0.0880
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		0.6250	0.3750	0.3846	-0.2000	0.9438
dlbcl-nih		0.5000	0.5000	0.3333	-0.1613	0.9442
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5524	0.4476	0.5526	0.0663	0.8078
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.6953	0.2032	0.5854	0.4806	0.5609
drug-01		0.3830	0.1763	0.2410	0.0592	0.5888
drug-02		0.5106	0.1398	0.1523	0.0297	0.4068
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5106	0.1398	0.1923	0.0655	0.6004
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.3830	0.1763	0.1996	0.2150	0.5720
drug-07		0.4149	0.1672	0.1442	0.0156	0.4232
drug-08		0.5585	0.1261	0.1852	0.1048	0.4523
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5479	0.1292	0.1835	0.0521	0.3514
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-13		0.5957	0.1155	0.1515	0.0911	0.3001
drug-14		0.5479	0.1292	0.1678	0.0806	0.5095
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5479	0.1292	0.2203	0.1015	0.3067
drug-17		0.3670	0.1809	0.1842	0.1150	0.5339
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0053	0.2842
drybean		0.9309	0.0197	0.9426	0.9165	0.1175
ecoli		0.8824	0.0294	0.5439	0.8357	0.0656
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU		0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3000	0.3500	0.2977	0.0648	0.8117
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.9206	0.0794	0.9199	0.8386	0.3596
eeg10%		0.3587	0.0802	0.3467	0.2840	0.5395
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5342	0.1863	0.4685	0.3965	0.5116
euthyroid		0.9430	0.0570	0.8174	0.5819	0.2682
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.2683	0.0861	0.1540	0.0849	0.3384
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4706	0.5294	0.4675	-0.0650	1.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8654	0.0673	0.8534	0.8163	0.1919
gas		0.9928	0.0024	0.9930	0.9913	0.0181
gastrointestinal		0.8125	0.1250	0.8305	0.6981	0.2631
gender		0.5621	0.2919	0.4242	0.1447	0.7472
gene		0.7035	0.1977	0.7092	0.4510	0.2940
german		0.6300	0.3700	0.5090	0.0107	0.8287
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8818	0.1182	0.8820	0.7634	0.4791
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8571	0.0476	0.9036	0.7987	0.1470
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.6000	0.2000	0.5556	0.4737	0.1226
glioma-grade		0.8333	0.1667	0.8274	0.6515	0.5910
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.5333	0.2333	0.5312	0.3636	0.4867
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.9924	0.0031	0.9919	0.9903	0.0222

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.9155	0.0241	0.5586	0.8742	0.2366
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.8688	0.0219	0.5815	0.8207	0.2423
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.7500	0.1667	0.8075	0.6213	0.2879
hcc-survival		0.5882	0.4118	0.5662	0.1314	0.9439
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8710	0.1290	0.8745	0.7427	0.4884
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6473	0.3527	0.6461	0.2790	0.8544
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1389	0.0610	0.3274
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.7188	0.2812	0.7240	0.4240	0.7363
hiv1-proteasa		0.8567	0.1433	0.7075	0.2469	0.3466
hiva		0.9645	0.0355	0.6167	0.1102	0.3399
horse		0.5278	0.3148	0.3039	0.0497	0.5012
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9997	0.0002	0.9997	0.9995	0.0019
htru2		0.9771	0.0229	0.9284	0.8548	0.2334
hypothyroid		0.9310	0.0345	0.5001	0.4866	0.2773
hypothyroidT		0.9469	0.0530	0.7830	0.4538	0.1442
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8274	0.1726	0.6793	0.3320	0.6827
jvowels		0.9869	0.0029	0.9860	0.9852	0.0226
kc1		0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.5714	0.0357	0.0317	0.0455	0.2031
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9976	0.0004	0.8776	0.9959	0.0124
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krkopt		0.7070	0.0326	0.6973	0.6720	0.3067
krvskp		0.8809	0.1191	0.8809	0.7615	0.4846
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.3529	0.0324	0.1603	0.3291	0.0947
led24		0.5500	0.0900	0.4791	0.4944	0.2002
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.9470	0.0041	0.9467	0.9449	0.0614
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8889	0.0148	0.9028	0.8808	0.0496
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9995	0.0005	0.9628	0.9228	0.0031
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.6778	0.0586	0.4241	0.5866	0.4727
lrs		0.8113	0.0377	0.4765	0.7407	0.1719
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.8889	0.1111	0.7805	0.4545	0.2500
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		0.7778	0.0494	0.4018	0.6842	0.0783
machine-failure		0.8830	0.1170	0.8790	0.7562	0.4741
madelon		0.5923	0.4077	0.6192	0.1846	0.7854
magic04		0.8574	0.1426	0.8415	0.6819	0.5578
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8125	0.6245	0.6395
marketing		0.8884	0.1116	0.7386	0.4169	0.4831
maternal		0.8317	0.1122	0.8340	0.7451	0.3788
math		0.7500	0.1250	0.4164	0.5807	0.2112
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2438
mental-health		0.2233	0.3107	0.2282	0.0262	0.8289
messidor		0.5826	0.4174	0.5698	0.1388	0.9461
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.8089	0.6975	0.2513
meter-D		0.8333	0.0833	0.8904	0.7722	0.1154
mfeat-fac		0.9600	0.0080	0.9618	0.9556	0.0413
mfeat-fou		0.7650	0.0470	0.7581	0.7389	0.2050
mfeat-kar		0.9600	0.0080	0.9607	0.9556	0.0507
mfeat-mor		0.6550	0.0690	0.6473	0.6167	0.2464
mfeat-pix		0.9750	0.0050	0.9762	0.9722	0.0310
mfeat-zer		0.7850	0.0430	0.7765	0.7611	0.1397
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.4706	0.2118	0.4075	0.3326	0.5140
mobile		0.6189	0.0136	0.6511	0.6119	0.1555
monks-1		0.8182	0.1818	0.8187	0.6358	0.6232
monks-2		0.8525	0.1475	0.8350	0.6695	0.5756

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-3		0.7679	0.2321	0.7674	0.5345	0.7207
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9455	0.0545	0.8896	0.7628	0.2484
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7770	0.2230	0.7685	0.5350	0.7076
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.8417	0.1583	0.8373	0.6745	0.5858
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.8622	0.1378	0.8602	0.7198	0.5361
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9724	0.0276	0.9724	0.9448	0.1692
NCI60		0.5000	0.1667	0.4375	0.4000	0.1756
nci9		0.3333	0.1481	0.2222	0.2727	0.1743
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.9038	0.0101	0.5001	0.7024	0.1751
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9031	0.0969	0.7966	0.5570	0.4357
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4444	0.3704	0.3331	-0.0035	0.7978
nursery		0.9429	0.0228	0.5731	0.9154	0.0734
obesity		0.8483	0.0433	0.8449	0.8229	0.1772
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9937	0.0063	0.9911	0.9822	0.0726
Occupancy_Estimation		0.9901	0.0049	0.9695	0.9701	0.0611
oh0-wc		0.3465	0.1307	0.3065	0.2147	0.3777
oh10-wc		0.3429	0.1314	0.2461	0.2216	0.4207
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9751	0.0050	0.9760	0.9723	0.0361
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.8400	0.1600	0.8231	0.6350	0.5590
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7835	0.2165	0.7557	0.4444	0.5442
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8413	0.1587	0.8435	0.6780	0.5451
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9726	0.0110	0.8475	0.8371	0.1989
parkinson		0.9333	0.0667	0.9345	0.8646	0.3141
parkinsons		0.6872	0.3128	0.6500	0.2559	0.7673

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons-small			1.0000	0.0000	1.0000	1.0000	0.0000
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.8731	0.1269	0.8381	0.6735	0.5374
pasture			0.5000	0.3333	0.5000	0.2000	0.3750
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5722	0.4278	0.4944	-0.0042	0.7636
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia			0.4118	0.1681	0.3049	0.2758	0.4679
pendigits			0.9891	0.0022	0.9891	0.9879	0.0202
period			0.7778	0.2222	0.7568	0.4000	0.4011
period-10f			0.4444	0.5556	0.4208	-0.1538	0.9711
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.7650	0.2350	0.7177	0.4070	0.6987
phishing			0.9755	0.0245	0.9744	0.9482	0.1381
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.7205	0.0799	0.7061	0.6733	0.3190
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.7265	0.0781	0.7090	0.6799	0.3279
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9148	0.0852	0.8937	0.7869	0.4209
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6579	0.3421	0.6226	0.2109	0.8159
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.6842	0.3158	0.6841	0.3596	0.8222
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5405	0.0919	0.1111	0.0999	0.2317
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9289	0.0711	0.4816	-0.0033	0.3009
polya			0.7157	0.2843	0.6877	0.2625	0.5789
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9284	0.0286	0.9333	0.9105	0.1109
pred-tox_mutagen_ref-desc			0.7500	0.2500	0.7510	0.5000	0.7445
prestige			0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor			0.2727	0.0661	0.1174	0.1894	0.2704
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6866	0.3134	0.5973	0.0881	0.6346
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE			0.7273	0.2727	0.7609	0.4211	0.4644
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9831	0.0068	0.9722	0.9773	0.0512
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.5025	0.4975	0.5025	0.0049	0.9959
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9000	0.1000	0.9001	0.8000	0.4311

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.5800	0.0646	0.3654	0.3546	0.2664
re1-wc			0.3855	0.0492	0.2048	0.2529	0.3322
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.7817	0.2183	0.8181	0.5760	0.4576
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6110	0.3890	0.5754	0.1384	0.9034
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9129	0.0290	0.9026	0.8923	0.1432
satimageF			0.9938	0.0062	0.9840	0.9679	0.1036
satimageT			0.9425	0.0575	0.8208	0.5984	0.2997
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5294	0.4706	0.5296	0.0588	0.9796
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9481	0.0148	0.9526	0.9393	0.0707
segmentation			0.8416	0.1584	0.8248	0.6482	0.5930
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9748	0.0252	0.9274	0.8437	0.0852
sens-1-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-2-gram			0.8737	0.1263	0.6333	0.1180	0.4289
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.5852	0.0014	0.2173
shoppers			0.8670	0.1330	0.6874	0.2916	0.5234
shuttle			0.9991	0.0002	0.9122	0.9976	0.1242
sick			0.9496	0.0504	0.7541	0.4634	0.4163
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9987	0.0013	0.9981	0.9961	0.0110
skin10%			0.9992	0.0008	0.9988	0.9975	0.0056
smarket			0.9520	0.0480	0.9540	0.9037	0.2006
smart-farming			0.2200	0.3900	0.1504	-0.0541	0.5835
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1567	0.3373	0.1573	-0.0555	0.9017
solar-flare			0.7554	0.0815	0.6750	0.6868	0.2446
sonar			0.6500	0.3500	0.7149	0.3000	0.5049
soybean			0.9706	0.0031	0.9620	0.9678	0.0203
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9109	0.0891	0.9064	0.8109	0.3901
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer			0.4615	0.0399	0.3929	0.4295	0.1809
splice-EI			0.8486	0.1514	0.7935	0.4992	0.3166
splice-IE			0.8423	0.1577	0.7711	0.4329	0.3199
sport-articles			0.8700	0.1300	0.8636	0.7257	0.5272
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
startup			0.8172	0.1828	0.7991	0.5619	0.5335
steel_industry			0.8533	0.0978	0.8182	0.7589	0.3154
steel-b			0.8564	0.1436	0.7621	0.5057	0.5945
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8410	0.1590	0.8218	0.6414	0.5939
steel-p			0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s			0.9846	0.0154	0.8934	0.7617	0.0555
steel-z			0.9590	0.0410	0.8784	0.7553	0.3856
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8264	0.1736	0.6270	0.1796	0.6195
stockb			0.9912	0.0059	0.9912	0.9868	0.0319
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1711	0.0093	0.4616
student-weekend			0.3846	0.2462	0.1124	0.0038	0.3630
student-workday			0.6719	0.1313	0.1638	0.0161	0.3636
studentap			0.5385	0.3077	0.4983	0.2778	0.4382
susy1%			0.7676	0.2324	0.7662	0.5324	0.7229
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9782	0.0040	0.9792	0.9759	0.0305
theorem			0.9755	0.0245	0.9749	0.9497	0.1609
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.6471	0.1765	0.6786	0.5342	0.2549
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.5597	0.0893	0.8324
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.5161	0.0304	0.8859
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.3810	0.2063	0.1414	-0.0225	0.4210
trec31-wc			0.5591	0.1470	0.4915	0.3915	0.3500
trec41-wc			0.5341	0.0932	0.3137	0.4107	0.3216
trec45-wc			0.3478	0.1304	0.2216	0.1646	0.3211
tuandromd			0.9731	0.0269	0.9576	0.9136	0.1604
turkish			0.8000	0.1000	0.8058	0.7333	0.2435
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8385	0.1615	0.8250	0.6326	0.5355
tvnews10%			0.8612	0.1388	0.8501	0.6859	0.4832
ur3_cobotops_grip			0.9728	0.0272	0.7282	0.4002	0.3848
ur3_cobotops_stop			0.9673	0.0327	0.6947	0.2833	0.3328
urban			0.7463	0.0564	0.7731	0.7018	0.2075
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7262	0.1369	0.6729	0.6267	0.2817
vehicleVAN			0.9643	0.0357	0.9523	0.9000	0.1262
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.9767	0.0233	0.9773	0.9535	0.1262
vowel			0.6869	0.0569	0.7217	0.6556	0.1535
vowelZ			0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2885	0.0712	0.1917	0.1697	0.3521
warpar10p			0.5385	0.0923	0.4340	0.4765	0.1634
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.8164	0.0524	0.8126	0.7851	0.2328
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.7470	0.0723	0.7448	0.7045	0.3205
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2367	0.3817	0.2371	-0.0175	0.8718
waveform			0.8480	0.1013	0.8515	0.7721	0.3343
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8741	0.0840	0.8167	0.7727	0.3388
Weekly			0.9630	0.0370	0.9625	0.9250	0.2148
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9607	0.0393	0.7495	0.4679	0.4431
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.7044	0.0985	0.3471	0.5236	0.4532
winequality-white			0.6503	0.0999	0.3810	0.4542	0.4857
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.6875	0.0417	0.6650	0.6653	0.0824
yeast			0.5946	0.0811	0.3704	0.4765	0.3530
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053
zip			0.9430	0.0114	0.9387	0.9361	0.0794

Table 174: Detailed results for RDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1807	0.0780	0.1133	0.0953	0.4725
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.6393	0.1000	0.5239
ads		0.1402	0.8598	0.1230	0.0000	0.3071
adult		0.8339	0.1661	0.7630	0.5247	0.6676
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_MACCSFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878		0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8586	0.0943	0.3080	-0.0221	0.4024
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9920	0.0080	0.4980	-0.0003	0.0309
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9930	0.0070	0.4982	-0.0034	0.4755
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8263	0.1737	0.7474	0.4858	0.6648
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8601	0.1399	0.8574	0.7147	0.5401
alcohol		0.8286	0.0686	0.5401	0.6056	0.1887
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.8326	0.1674	0.8158	0.6315	0.6194
anneal		0.9101	0.0360	0.8399	0.8284	0.3431
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9458	0.0271	0.8876	0.8984	0.2701
anuran-genus		0.9597	0.0101	0.8944	0.9349	0.2253
anuran-species		0.9694	0.0061	0.9332	0.9577	0.0960
anxiety		0.1167	0.1963	0.1180	0.0062	0.8190
apple-quality		0.8450	0.1550	0.8450	0.6900	0.5719
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.7333	0.0533	0.4993	0.5677	0.2172
auction		0.8725	0.1275	0.6124	0.1467	0.5667

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.0455	0.1736	0.0079	0.0000	0.3844
audit-risk		0.9103	0.0897	0.9105	0.8051	0.2669
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9310	0.0690	0.9310	0.8619	0.3353
autos		0.6000	0.1333	0.5059	0.4719	0.3718
avila		0.5098	0.0817	0.3674	0.2660	0.6011
babies		0.0081	0.2834	0.0023	0.0000	0.3393
balance		0.9194	0.0538	0.8845	0.8604	0.3020
bank		0.9036	0.0964	0.7619	0.5237	0.6171
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8940	0.1060	0.8874	0.7571	0.3455
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.9069	0.8131	0.3595
biodeg		0.8476	0.1524	0.8403	0.6800	0.5791
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6612	0.1694	0.6658	0.5483	0.4737
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.6857	0.7143	0.1393
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8506	0.0747	0.8348	0.7160	0.3266
car-insurance		0.8100	0.1900	0.7749	0.5488	0.6779
card		0.8841	0.1159	0.8816	0.7575	0.4481
cardiotocography		0.7887	0.0423	0.7699	0.7487	0.2658
cardiotocography-nsp		0.8779	0.0814	0.7556	0.6558	0.4017
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6589	0.5676	0.3890
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.7062	0.2938	0.7078	0.4134	0.8066
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.7343	0.2657	0.7319	0.4633	0.7744
cas_N6512_RDkit_MACCS_FP		0.7515	0.2485	0.7529	0.5037	0.7418
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5415	0.4585	0.5353	0.0092	0.6012
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9656	0.0344	0.7747	0.5438	0.4944
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9335	0.0665	0.5627	0.1185	0.6440
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9302	0.0698	0.6067	0.2134	0.6362
cervical-S		0.9186	0.0814	0.6966	0.3296	0.4914
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%		0.9989	0.0011	0.8248	0.6245	0.5256
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8210	0.1790	0.6788	0.3245	0.6755
churn-bigml		0.8764	0.1236	0.6987	0.2838	0.4420
ci900367j_MACCS		0.7368	0.2632	0.7220	0.4439	0.7803
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.5010	0.4526	0.3795
cjs		0.9821	0.0060	0.9777	0.9782	0.0321
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8435	0.0782	0.7586	0.7606	0.3801
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4966	0.3356	0.4879	0.2301	0.7458
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8573	0.0260	0.7727	0.8275	0.2440
coil20		0.0556	0.0944	0.0053	0.0000	0.4152
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.8200	0.0240	0.8298	0.8012	0.0723
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.5862	0.4138	0.3696	-0.1299	0.9094
colposcopies-2		0.6207	0.3793	0.5643	0.1163	0.9016
colposcopies-3		0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7764	0.2236	0.7764	0.5529	0.7067
coupon		0.7035	0.2965	0.6979	0.3958	0.8197
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.6546	0.0987	0.5190	0.4533	0.5819
covtypeCD		0.9145	0.0855	0.8156	0.6310	0.5472
covtypeT		0.9270	0.0730	0.7283	0.4562	0.6155

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9244	0.0252	0.8418	0.8469	0.3091
cryotherapy		0.7778	0.2222	0.8000	0.5263	0.4308
cultivars		0.6875	0.0195	0.6372	0.6774	0.0576
customer-churn		0.9794	0.0206	0.6001	0.0183	0.1320
cybersecurity		0.1700	0.2767	0.1695	0.0017	0.8788
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve		0.6154	0.3846	0.3810	-0.1404	0.4667
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.4286	0.5714	0.3000	0.0000	0.5288
default		0.8163	0.1837	0.6941	0.3530	0.6630
defect		0.8951	0.1049	0.7797	0.5212	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8934	0.1066	0.7264	0.4507	0.6382
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.3750	0.4167	0.3158	0.0244	0.6574
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.5625	0.2917	0.4554	0.3000	0.4577
DIA		0.8000	0.2000	0.7119	0.4146	0.7180
diabetes		1.0000	0.0000	1.0000	1.0000	0.0000
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.1078	0.5948	0.0649	0.0000	0.4002
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.5634	0.1746	0.4678	0.3516	0.5306
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5718	0.4282	0.5682	0.1354	0.9508
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7585	0.1610	0.6844	0.5936	0.4590
drug-01		0.3936	0.1733	0.1512	0.0663	0.6458
drug-02		0.4894	0.1459	0.1747	0.1094	0.6257
drug-03		0.6649	0.0957	0.1308	0.0301	0.3812
drug-04		0.4947	0.1444	0.2071	0.1123	0.6428
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.2490	0.2582	0.5359
drug-07		0.4734	0.1505	0.1445	0.0992	0.3429
drug-08		0.5638	0.1246	0.2515	0.2147	0.4627
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5319	0.1337	0.2050	0.1571	0.4870
drug-11		0.8457	0.0441	0.1317	0.0459	0.1947
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.2560	0.2592	0.3933
drug-14		0.5745	0.1216	0.2660	0.2755	0.5851
drug-15		0.7394	0.0745	0.1230	0.0306	0.3804

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.5904	0.1170	0.2650	0.3462	0.5112
drug-17		0.3670	0.1809	0.1674	0.1203	0.5023
drug-18		0.0000	0.4000	0.0000	0.0000	0.0093
drug-19		0.7500	0.0714	0.1224	-0.0246	0.3990
drybean		0.9170	0.0237	0.9360	0.8997	0.1204
ecoli		0.0000	0.2500	0.0000	0.0000	0.3412
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.2401	-0.0118	0.8558
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6061	0.3939	0.6771	0.2585	0.6509
eeg10%		0.3113	0.0861	0.3163	0.2399	0.6939
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6027	0.1589	0.6136	0.5000	0.4616
euthyroid		0.9241	0.0759	0.7416	0.3723	0.3151
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9198	0.0802	0.9211	0.8384	0.3434
fakenews		0.5225	0.4775	0.5225	0.0450	0.9867
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.9020	0.0980	0.9028	0.7997	0.3894
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.8654	0.0673	0.8538	0.8150	0.2201
gas		0.9475	0.0175	0.9486	0.9364	0.0958
gastrointestinal		0.1875	0.5417	0.1053	0.0000	0.4117
gender		0.6021	0.2653	0.3816	0.1459	0.5600
gene		0.9558	0.0294	0.9518	0.9288	0.1522
german		0.7400	0.2600	0.7001	0.3882	0.7681
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.5101	0.4899	0.3378	0.0000	0.5269
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7143	0.0952	0.4989	0.5869	0.2793
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.7143	0.2857	0.7361	0.4375	0.7044
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP		0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.8690	0.1310	0.8679	0.7339	0.5168
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.4667	0.2667	0.5605	0.2771	0.4605
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.9241	0.0127	0.8182	0.9103	0.0878
har		0.8955	0.0418	0.8939	0.8680	0.1888
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8190	0.0517	0.5222	0.7475	0.2483
har7010%		0.8251	0.0500	0.5203	0.7546	0.2508
harth		0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth1%		0.7872	0.0355	0.4327	0.7119	0.2553
harth10%		0.7818	0.0364	0.4242	0.7047	0.2653
hayes-roth		0.5000	0.3333	0.5303	0.2000	0.6258
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure		0.8400	0.1600	0.8073	0.6054	0.5859
heart-quantum		0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6564	0.3436	0.6536	0.3035	0.8668
higgs1%		0.6484	0.3516	0.6487	0.2787	0.8401
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.1429	0.2143	0.0556	0.0059	0.3477
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.1703	0.8297	0.1455	0.0000	0.3518
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5833	0.2778	0.5262	0.2742	0.6567
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.6473	0.2352	0.6723	0.4794	0.5044
htru2		0.9765	0.0235	0.9259	0.8436	0.1437
hypothyroid		0.0027	0.4987	0.0013	0.0000	0.1257
hypothyroidT		0.9390	0.0610	0.7437	0.3251	0.1589
ilpd		0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9047	0.0477	0.9083	0.8729	0.1794
ionosphere		0.9714	0.0286	0.9671	0.9320	0.1146
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9802	0.9596	0.1220
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8145	0.1855	0.6270	0.1826	0.6361
jvowels		0.9709	0.0065	0.9699	0.9670	0.0488
kc1		0.8436	0.1564	0.6549	0.2940	0.7035
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.0020	0.1535	0.0003	0.0000	0.2182
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3576	0.0714	0.3123	0.2721	0.5317
krvskp		0.9467	0.0533	0.9467	0.8930	0.2736
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.8824	0.0102	0.9094	0.8765	0.0370

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.6000	0.0800	0.5916	0.5493	0.1698
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8845	0.0089	0.8841	0.8798	0.1251
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.4286	0.5714	0.3000	0.0000	0.5288
libra		0.7778	0.0296	0.7631	0.7614	0.0671
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9297	0.0703	0.9248	0.8490	0.3393
localization		0.3982	0.1094	0.1624	0.1612	0.5067
localization10%		0.4302	0.1036	0.2442	0.2972	0.6280
lrs		0.8491	0.0431	0.5353	0.7920	0.0994
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.0000	0.5000	0.0000	0.0000	0.3359
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.5808	0.4192	0.5812	0.1615	0.9424
magic04		0.7854	0.2146	0.7576	0.4795	0.6223
malware		0.8108	0.1892	0.4478	0.0000	0.3405
mammography		0.8542	0.1458	0.8543	0.7080	0.5499
marketing		0.8750	0.1250	0.7212	0.4312	0.6355
maternal		0.6040	0.2640	0.6061	0.3878	0.5754
math		0.7500	0.1250	0.7184	0.6172	0.4051
mba		0.8065	0.1290	0.4222	0.2580	0.3988
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2433	0.3027	0.2435	0.0530	0.8443
messidor		0.6957	0.3043	0.7046	0.3988	0.7954
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.5907	0.4728	0.2675
meter-D		0.7778	0.1111	0.6350	0.6856	0.1970
mfeat-fac		0.9800	0.0040	0.9807	0.9778	0.0250
mfeat-fou		0.8250	0.0350	0.8276	0.8056	0.1419
mfeat-kar		0.9850	0.0030	0.9851	0.9833	0.0190
mfeat-mor		0.7300	0.0540	0.7145	0.7000	0.1689
mfeat-pix		0.9850	0.0030	0.9856	0.9833	0.0186
mfeat-zer		0.7850	0.0430	0.7972	0.7611	0.1365
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9245	0.0503	0.9237	0.8856	0.1433
mines		0.5294	0.1882	0.5401	0.4138	0.3954
mobile		0.7832	0.0077	0.7969	0.7793	0.0987
monks-1		0.7636	0.2364	0.7636	0.5268	0.7274
monks-2		0.7705	0.2295	0.7342	0.4547	0.7132
monks-3		0.9107	0.0893	0.9178	0.8223	0.3018
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.5178	0.4822	0.3412	0.0000	0.5256
music		0.4867	0.0933	0.4928	0.3843	0.5500
musk		0.9545	0.0455	0.9089	0.8092	0.2456
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7134	0.2866	0.7084	0.4162	0.8044
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.7770	0.2230	0.7694	0.5384	0.7113
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.7231	0.2769	0.7186	0.4369	0.7920
myocardial		0.8235	0.0441	0.1939	0.1252	0.4346
naticusdroid		0.9574	0.0426	0.9574	0.9148	0.2362
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8559	0.0152	0.2890	0.6059	0.4488
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6408	0.3592	0.6378	0.2746	0.8894
NHANES_age_prediction		0.9692	0.0308	0.9446	0.8882	0.3004
nomao		0.9266	0.0734	0.9126	0.8241	0.3980
NPHA-doctor-visits		0.4444	0.3704	0.2571	-0.1001	0.5866
nursery		0.9483	0.0207	0.7379	0.9243	0.1116
obesity		0.7441	0.0731	0.7388	0.7014	0.2397
obs		0.6759	0.1620	0.7001	0.5315	0.4131
occupancy		0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation		0.9891	0.0054	0.9669	0.9671	0.0549
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.9649	0.0078	0.9509	0.9565	0.0248
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9094	0.0906	0.4763	-0.0037	0.3229
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9733	0.0053	0.9752	0.9703	0.0366
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr		0.9209	0.0791	0.6394	0.2495	0.6005
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9415	0.0234	0.6644	0.6287	0.4138
parkinson		0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons		0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.9031	0.0969	0.8782	0.7559	0.4603
particle10%		0.8977	0.1023	0.8728	0.7456	0.4844
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8289	0.1711	0.7553	0.5000	0.6507

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.9718	0.0056	0.9722	0.9686	0.0450
period			0.3333	0.6667	0.2500	0.0000	0.5000
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.8650	0.1350	0.8493	0.6982	0.5544
phishing			0.9551	0.0449	0.9528	0.9053	0.2439
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.6348	0.1044	0.6089	0.5721	0.3666
phone-acc1%			0.5856	0.1184	0.5638	0.5152	0.4238
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.6188	0.1089	0.5760	0.5522	0.3625
phone-gyr1%			0.5915	0.1167	0.5595	0.5204	0.3928
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7963	0.2037	0.7767	0.5419	0.6772
phy			0.4972	0.5028	0.3321	0.0000	0.5287
pima			0.7105	0.2895	0.6923	0.3323	0.7052
pirvision			0.9837	0.0109	0.9706	0.9475	0.0801
placement			0.7890	0.2110	0.7835	0.5671	0.6905
plant-growth			0.7368	0.2632	0.7449	0.4633	0.6993
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5268	0.1352	0.1516	0.0824	0.2978
poker10%			0.5444	0.1139	0.2088	0.1239	0.2841
polish-1st			0.9531	0.0469	0.4880	-0.0142	0.5586
polish-2nd			0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd			0.9457	0.0543	0.5187	0.0197	0.5200
polish-4th			0.9357	0.0643	0.5076	0.0098	0.5903
polish-5th			0.9255	0.0745	0.5357	0.0288	0.4764
polya			0.7838	0.2162	0.7581	0.5112	0.7027
popularity			0.6474	0.2351	0.4399	0.2134	0.6345
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8679	0.0529	0.8703	0.8347	0.2122
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6353	0.2647	0.8828
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.5758	0.0653	0.4729	0.5271	0.2011
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7612	0.2388	0.7146	0.4180	0.7431
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.7593	0.0963	0.7079	0.6695	0.2941
puc-rio10%			0.7695	0.0922	0.7171	0.6837	0.2745
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9737	0.0263	0.9172	0.8279	0.2063
raisin			0.8444	0.1556	0.8574	0.6889	0.4594
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9868	0.0132	0.9867	0.9733	0.0892
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6096	0.3904	0.5797	0.1537	0.9203
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8600	0.0467	0.8390	0.8251	0.1501

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimageF			0.9891	0.0109	0.9726	0.9449	0.1852
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.1429	0.3429	0.0500	0.0000	0.3800
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6471	0.3529	0.6481	0.2941	0.8778
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9103	0.0897	0.6260	0.2521	0.6591
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9177	0.0235	0.9271	0.9038	0.0834
segmentation			0.8317	0.1683	0.8132	0.6238	0.6116
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9225	0.0775	0.6851	0.3703	0.6353
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8605	0.1395	0.6182	0.2083	0.6822
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.8410	0.0289	0.8408	0.8251	0.1491
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8808	0.1192	0.7305	0.4025	0.5079
shuttle			0.9588	0.0118	0.6773	0.8808	0.3280
sick			0.9310	0.0690	0.6662	0.3160	0.5982
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9831	0.0169	0.9742	0.9473	0.0861
skin10%			0.9792	0.0208	0.9681	0.9345	0.0973
smarket			0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming			0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2000	0.3200	0.1995	-0.0006	0.8730
solar-flare			0.7410	0.0863	0.6431	0.6679	0.2327
sonar			0.5000	0.5000	0.5000	0.0000	1.0000
soybean			0.9412	0.0062	0.9473	0.9358	0.0363
spam-detection			0.9455	0.0545	0.8210	0.6335	0.4472
spambase			0.8913	0.1087	0.8860	0.7679	0.4382
spect			0.7037	0.2963	0.6196	0.2340	0.8108
spectf			0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer			0.0192	0.0727	0.0014	0.0000	0.4054
splice-EI			0.9685	0.0315	0.9605	0.9191	0.2452
splice-IE			0.9401	0.0599	0.9193	0.8378	0.3749
sport-articles			0.8600	0.1400	0.8486	0.6857	0.4988
squash-stored			0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7086	0.1943	0.6810	0.5457	0.5109
steel-b			0.7897	0.2103	0.6749	0.3494	0.7648
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9641	0.0359	0.9439	0.8868	0.2321
steel-o			0.7231	0.2769	0.6775	0.3408	0.7914
steel-p			0.9128	0.0872	0.6852	0.3672	0.6383
steel-s			0.9795	0.0205	0.8697	0.7393	0.4154
steel-z			0.9333	0.0667	0.8336	0.6608	0.5465
stellar			0.9177	0.0549	0.9085	0.8532	0.2364
stock			0.9028	0.0972	0.8238	0.6390	0.4964
stockb			0.8150	0.1233	0.8193	0.7225	0.3086

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
streaming			0.8320	0.1680	0.8311	0.6617	0.6014
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5700	0.1720	0.3246	0.3331	0.4465
student-depression			0.8326	0.1674	0.8266	0.6528	0.6037
student-habits			0.4200	0.2320	0.1931	0.0802	0.4599
student-weekend			0.3846	0.2462	0.2697	0.1591	0.6327
student-workday			0.6719	0.1313	0.2247	0.1770	0.5729
studentap			0.6923	0.2051	0.7100	0.5094	0.3995
susy1%			0.7578	0.2422	0.7663	0.4977	0.6399
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9727	0.0050	0.9740	0.9699	0.0346
theorem			0.9935	0.0065	0.9933	0.9865	0.0509
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.3529	0.6471	0.2609	0.0000	0.5089
toxicity-13f			0.5882	0.4118	0.5662	0.1314	0.9243
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7067	0.2933	0.4141	-0.0956	0.8451
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.2018	0.7982	0.1679	0.0000	0.3921
turkish			0.7500	0.1250	0.7540	0.6667	0.2694
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9077	0.0923	0.9001	0.7983	0.4058
tvnews10%			0.8705	0.1295	0.8593	0.7177	0.5212
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9619	0.0381	0.4903	-0.0026	0.2791
urban			0.7612	0.0531	0.8053	0.7201	0.1742
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.8333	0.0833	0.8135	0.7761	0.1661
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6061	0.0716	0.6448	0.5667	0.2189
vowelZ			0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.5891	0.1174	0.5830	0.5186	0.4418
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-gyr1%			0.5084	0.1405	0.4959	0.4234	0.4727
watch-gyr10%			0.5029	0.1420	0.4907	0.4169	0.4893
water_pollution			0.2400	0.3800	0.2388	-0.0139	0.8702
waveform			0.8440	0.1040	0.8442	0.7660	0.3600
weather-related			0.9558	0.0080	0.9623	0.9500	0.0675
web-phishing			0.7926	0.1383	0.6011	0.6193	0.5008
Weekly			0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift			0.5513	0.1795	0.5488	0.4330	0.5962
white-clover			0.0000	0.5000	0.0000	0.0000	0.2620
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9793	0.0207	0.8949	0.7891	0.4013
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5912	0.1363	0.2781	0.3378	0.4660
winequality-white			0.5112	0.1396	0.2657	0.2318	0.5121
winnipeg			0.9674	0.0093	0.9464	0.9588	0.0951
winnipeg10%			0.9672	0.0094	0.9616	0.9585	0.0822
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5068	0.0986	0.3713	0.3742	0.4394
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.8520	0.6542	0.5283
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.8925	0.0215	0.8831	0.8795	0.1543

Table 175: Detailed results for REPTREE

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1631	0.0577	0.0725	0.0737	0.4717
abalone19		0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18		0.9041	0.0959	0.4748	-0.0493	0.6712
accelerometer		0.9797	0.0203	0.6917	0.3822	0.5531
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9756	0.0244	0.9480	0.8930	0.1527
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red		0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.8932	0.1068	0.4718	-0.0559	0.6716
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.8250	0.5882	0.5283
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.4444	0.5556	0.4696	-0.0465	0.7758
AID746red		0.9943	0.0057	0.6902	0.1047	0.0241
aids		0.8685	0.1315	0.8105	0.6081	0.5366
air_pollution		0.4067	0.1695	0.1971	0.0136	0.4365
alcohol		0.7905	0.0838	0.4965	0.5045	0.2371
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9488	0.0512	0.9438	0.8864	0.2600
anneal		0.9663	0.0135	0.9674	0.9317	0.1118
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9666	0.0167	0.9281	0.9358	0.0727
anuran-genus		0.9458	0.0136	0.8540	0.9104	0.1728
anuran-species		0.9569	0.0086	0.9112	0.9402	0.1329
anxiety		0.1250	0.1944	0.1333	0.0141	0.7861
apple-quality		0.7825	0.2175	0.7831	0.5650	0.6926
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arcene		0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia		0.6889	0.0479	0.3902	0.5135	0.3170
auction		0.9853	0.0147	0.9664	0.9305	0.0577
audiology		0.8261	0.0145	0.3405	0.8004	0.0401
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8500	0.0500	0.7399	0.8039	0.0901
avila		0.9909	0.0015	0.9767	0.9882	0.0493
babies		0.4677	0.1521	0.1547	0.1536	0.4038
balance		0.8548	0.0968	0.5935	0.7302	0.3597

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
bank		0.9145	0.0855	0.7725	0.5424	0.5748
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8502	0.1498	0.8349	0.6650	0.5568
basehock		0.9447	0.0553	0.9458	0.8895	0.2663
bio		0.9964	0.0036	0.8864	0.7606	0.1867
bio10%		0.9938	0.0062	0.8188	0.6369	0.4389
biodeg		0.8095	0.1905	0.7964	0.5922	0.6582
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9892	0.0010	0.1888	0.4811	0.4695
bitcoin1%		0.9856	0.0010	0.1117	0.3187	0.3599
bitcoin10%		0.9881	0.0022	0.3259	0.4036	0.3410
body-perf		0.6769	0.1616	0.6802	0.5692	0.4627
brain-tumor		0.4985	0.5015	0.4985	-0.0030	1.0000
breast-cancer		0.8929	0.1071	0.8694	0.7042	0.2680
breast-cancer-co		0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma		0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue		0.8182	0.0606	0.7500	0.7778	0.0704
bridges		0.6000	0.1143	0.3902	0.3939	0.2282
bub10at310k-hg16-17		0.9133	0.0867	0.6610	0.2646	0.5420
bub12at310k-hg16-17		0.9151	0.0849	0.6699	0.2795	0.5275
bub8at310k-hg16-17		0.9094	0.0906	0.6637	0.3010	0.6070
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9565	0.0435	0.9528	0.9051	0.2611
cancer-uae		0.4570	0.3620	0.3085	-0.0146	0.6564
car		0.9598	0.0201	0.9160	0.9157	0.1750
car-insurance		0.8560	0.1440	0.8351	0.6698	0.5821
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.8404	0.0319	0.7890	0.8090	0.1908
cardiotocography-nsp		0.9390	0.0407	0.8960	0.8248	0.1873
cardiovascular		0.7270	0.2730	0.7274	0.4539	0.7819
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8500	0.1000	0.8183	0.7309	0.2270
cas_N6512_rdkit_ATOMPAIR		0.6954	0.3046	0.6924	0.3836	0.8267
cas_N6512_RDkit_AtomPair_FP		0.7270	0.2730	0.7244	0.4476	0.7833
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.7837	0.2163	0.7825	0.5650	0.6953
cas_N6512_rdkit_descriptors		0.7538	0.2462	0.7517	0.5029	0.7440
cas_N6512_rdkit_FEATMORGAN		0.7435	0.2565	0.7416	0.4831	0.7613
cas_N6512_RDkit_Featmorgan_FP		0.7423	0.2577	0.7403	0.4804	0.7628
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.7117	0.2883	0.7089	0.4169	0.8054
cas_N6512_rdkit_MACCS		0.7588	0.2412	0.7571	0.5141	0.7373
cas_N6512_RDkit_MACCS_FP		0.7776	0.2224	0.7774	0.5542	0.7040
cas_N6512_rdkit_MORGAN		0.7662	0.2338	0.7646	0.5291	0.7254
cas_N6512_RDkit_morgan_FP		0.7423	0.2577	0.7405	0.4809	0.7630
cas_N6512_rdkit_PATTERN		0.7662	0.2338	0.7650	0.5300	0.7251
cas_N6512_rdkit_RDKITFP		0.7220	0.2780	0.7194	0.4367	0.7886
cas_N6512_rdkit_TORSION		0.7062	0.2938	0.7042	0.4084	0.8142
ccds1%		0.9588	0.0412	0.4895	-0.0052	0.3718
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7098	0.2902	0.6987	0.3927	0.8005
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9424	0.0576	0.4852	-0.0152	0.5489
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9535	0.0465	0.7433	0.3202	0.1295

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-H		0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9406	0.0297	0.9342	0.9116	0.1387
chrom19		0.9997	0.0003	0.9284	0.8490	0.0707
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9994	0.0006	0.8468	0.6872	0.3227
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.6350	0.2060	0.5322
churn		0.8510	0.1490	0.7483	0.4838	0.6304
churn-bigml		0.9513	0.0487	0.8970	0.7790	0.2263
ci900367j_MACCS		0.6526	0.3474	0.6416	0.2815	0.8714
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.6618	0.5344	0.5357
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7389	0.1306	0.6025	0.6090	0.5201
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.5000	0.3333	0.5588	0.1628	0.5130
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5646	0.2902	0.5306	0.3191	0.6878
cnae-9		0.8241	0.0391	0.8467	0.8021	0.1474
codon_usage		0.7982	0.0367	0.6060	0.7535	0.2974
coil20		0.8958	0.0104	0.9052	0.8903	0.0700
college		0.9091	0.0909	0.8921	0.7806	0.4581
collins		0.9800	0.0027	0.9805	0.9780	0.0100
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7241	0.2759	0.6947	0.3895	0.8063
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6207	0.3793	0.5884	0.1448	0.8434
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.6897	0.3103	0.4082	-0.1810	0.8560
colposcopies-6		0.5862	0.4138	0.5857	0.1714	0.9406
colposcopies-c		0.6552	0.3448	0.5722	0.1420	0.8537
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.7419	0.1720	0.6859	0.5914	0.2864
cottonmeloidogyne		0.7356	0.2644	0.7363	0.4714	0.7689
coupon		0.7216	0.2784	0.7139	0.4263	0.7943
covtype10%		0.8117	0.0538	0.7223	0.6930	0.3586
covtypeCD		0.9821	0.0179	0.9620	0.9240	0.1965
covtypeT		0.9784	0.0216	0.9169	0.8338	0.3268
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9993	0.0007	0.8826	0.7583	0.2402
creditcard_trans10%		0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced		0.8866	0.0378	0.7366	0.7644	0.3088
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.3438	0.0328	0.2288	0.3253	0.0905
customer-churn		0.9842	0.0158	0.7695	0.5194	0.4110
cybersecurity		0.1833	0.2722	0.1737	0.0177	0.8678
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7778	0.2222	0.7809	0.5556	0.6891
darwin		0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.7143	0.2857	0.7083	0.4167	0.8058
default		0.8227	0.1773	0.7087	0.3893	0.6594
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8963	0.1037	0.7258	0.4467	0.6261
depressed		0.8182	0.1818	0.5247	0.0247	0.6562

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.5588	0.2381	0.5156
dexter		0.9333	0.0667	0.9343	0.8667	0.3124
df_final		0.6250	0.2500	0.5263	0.4000	0.3199
DIA		0.7333	0.2667	0.5774	0.1351	0.8182
diabetes		0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-risk		0.9194	0.0806	0.8741	0.7470	0.4446
diabetic1%		0.5490	0.3007	0.4128	0.1061	0.6484
diabetic10%		0.5707	0.2862	0.4366	0.1753	0.6657
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.0298	0.3881	0.0116	0.0000	0.3909
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.6667	0.3333	0.6543	0.2500	0.7414
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9217	0.0783	0.7206	0.3677	0.4371
dota210%		0.5350	0.4650	0.5320	0.0639	0.9791
dropout		0.7517	0.1655	0.6845	0.5882	0.5023
drug-01		0.3511	0.1854	0.2157	0.0733	0.7106
drug-02		0.4574	0.1550	0.1862	0.1262	0.6586
drug-03		0.6117	0.1109	0.1585	0.0446	0.4250
drug-04		0.5160	0.1383	0.2225	0.1309	0.6020
drug-05		0.6436	0.1018	0.1209	-0.0401	0.6566
drug-06		0.3989	0.1717	0.2173	0.2345	0.5145
drug-07		0.4309	0.1626	0.1594	0.0631	0.4322
drug-08		0.5479	0.1292	0.2051	0.1980	0.5051
drug-09		0.7979	0.0578	0.1638	0.1348	0.7150
drug-10		0.5053	0.1413	0.1996	0.1502	0.6469
drug-11		0.7766	0.0638	0.1646	0.0333	0.7744
drug-12		0.7340	0.0760	0.2121	0.1083	0.7233
drug-13		0.6117	0.1109	0.1946	0.2328	0.4118
drug-14		0.6011	0.1140	0.3056	0.3203	0.6383
drug-15		0.6809	0.0912	0.2219	0.1686	0.7267
drug-16		0.6117	0.1109	0.2841	0.3472	0.3157
drug-17		0.2979	0.2006	0.1646	0.0599	0.7162
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.6596	0.0973	0.1429	0.0660	0.5521
drybean		0.9118	0.0252	0.9260	0.8934	0.1454
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3200	0.3400	0.3175	0.0913	0.7813
eeg		0.4391	0.0701	0.4400	0.3779	0.6553
eeg-eye		0.8445	0.1555	0.8426	0.6851	0.5749
eeg10%		0.3130	0.0859	0.2620	0.2387	0.7031
eucalyptus		0.6027	0.1589	0.6213	0.4888	0.3465
euthyroid		0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%		0.9305	0.0695	0.9303	0.8605	0.3364
fakenews		0.5425	0.4575	0.5422	0.0843	0.9730
farm-ads		0.8575	0.1425	0.8568	0.7128	0.5407
fbis-wc		0.7276	0.0320	0.6524	0.6905	0.2503
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.5882	0.4118	0.5754	0.1243	0.8670
financial-risk		0.9110	0.0297	0.7131	0.8589	0.1507

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
fishcatch			0.8750	0.0417	0.8088	0.8367	0.0567
flags			0.5000	0.1250	0.3257	0.3769	0.3036
fonts10%			0.6065	0.0051	0.2990	0.5872	0.4107
forest			0.8462	0.0769	0.8454	0.7864	0.1749
gas			0.9705	0.0098	0.9701	0.9642	0.0653
gastrointestinal			0.5625	0.2917	0.4290	0.2774	0.3646
gender			0.5663	0.2891	0.4271	0.0410	0.6306
gene			0.9274	0.0484	0.9162	0.8841	0.2178
german			0.7000	0.3000	0.6464	0.2736	0.8152
gestures			0.8108	0.0946	0.8123	0.7477	0.3398
gina			0.8876	0.1124	0.8885	0.7754	0.4598
glass			0.7619	0.0794	0.7176	0.6656	0.2136
glass-g2			0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP			0.8571	0.1429	0.8740	0.7175	0.4205
glassBWNFP			0.6667	0.3333	0.6687	0.3226	0.8108
glassContainers			0.9545	0.0455	0.8483	0.6452	0.1307
glassNW			1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware			0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP			0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM			0.6842	0.3158	0.6833	0.3667	0.8414
gli_85			1.0000	0.0000	1.0000	1.0000	0.0000
glioma			0.6000	0.2667	0.6667	0.4118	0.3599
glioma-grade			0.8810	0.1190	0.8845	0.7610	0.4620
green			0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage			0.4667	0.2667	0.3762	0.2547	0.4951
gsalc			0.6667	0.1111	0.5528	0.6029	0.0855
haberman			0.7000	0.3000	0.6011	0.2012	0.8607
hapt			0.9012	0.0165	0.6954	0.8833	0.1394
har			0.9521	0.0192	0.9499	0.9394	0.1118
har70			0.9260	0.0211	0.6493	0.8898	0.2038
har701%			0.8969	0.0295	0.5297	0.8468	0.2274
har7010%			0.9199	0.0229	0.6591	0.8804	0.1561
harth			0.8871	0.0188	0.6565	0.8463	0.2146
harth1%			0.8537	0.0244	0.5655	0.8002	0.2499
harth10%			0.8723	0.0213	0.6089	0.8258	0.2256
hayes-roth			0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival			0.5294	0.4706	0.5352	0.0685	0.9552
health-activity			0.7700	0.1150	0.2175	0.0000	0.1937
heart			0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack			0.7742	0.2258	0.7815	0.5526	0.6797
heart-c			0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure			0.9640	0.0360	0.9580	0.9159	0.2187
heart-quantum			0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis			0.6667	0.3333	0.6377	0.2424	0.7291
hepmass1%			0.8447	0.1553	0.8449	0.6894	0.5711
hepmass10%			0.8547	0.1453	0.8550	0.7095	0.5475
hERG-121inputs			0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs			0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%			0.6855	0.3145	0.6850	0.3698	0.8390
higgs1%			0.6875	0.3125	0.6858	0.3715	0.8376
higgs10%			0.7062	0.2938	0.7049	0.4097	0.8137
higher			0.1429	0.2143	0.1154	0.0345	0.3185
hinselmann			0.8000	0.2000	0.6875	0.3750	0.7500
hitters			0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa			0.8685	0.1315	0.7379	0.4578	0.6099
hiva			0.9622	0.0378	0.4904	-0.0045	0.3546
horse			0.6667	0.2222	0.6415	0.4469	0.5783

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hotel-reservartions		0.8873	0.1127	0.8700	0.7384	0.4820
hr		0.8491	0.1509	0.5527	0.0705	0.6674
ht-sensor		0.9994	0.0004	0.9994	0.9990	0.0038
ht-sensor10%		0.9948	0.0034	0.9950	0.9922	0.0239
htru2		0.9765	0.0235	0.9275	0.8542	0.2659
hypothyroid		0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.6441	0.3559	0.5426	0.0843	0.9122
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.7779	0.0171	0.7896	0.7690	0.1821
jm1		0.7778	0.2222	0.6234	0.2452	0.7936
jvowels		0.8735	0.0281	0.8689	0.8567	0.1933
kc1		0.8436	0.1564	0.6549	0.2940	0.7035
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.4286	0.0476	0.0312	0.1318	0.1439
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.5859	0.0949	0.6347
kdc-4007		0.5312	0.1340	0.5445	0.4522	0.5464
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kepler		0.8787	0.0809	0.8358	0.7997	0.2186
kidney		0.7960	0.0816	0.2055	0.0002	0.3184
kidney-disease		0.9750	0.0250	0.9743	0.9474	0.1598
krkopt		0.7957	0.0227	0.8204	0.7719	0.2545
krvskp		0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc		0.7619	0.0794	0.7222	0.6975	0.3599
la2s-wc		0.7848	0.0717	0.7649	0.7286	0.3352
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6471	0.0176	0.3278	0.6284	0.0669
led24		0.6500	0.0700	0.6240	0.6045	0.1860
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8820	0.0091	0.8828	0.8772	0.1353
leukemia		0.7143	0.1905	0.7490	0.5625	0.3209
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.6944	0.0407	0.6829	0.6716	0.1146
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
liver		0.5588	0.4412	0.5520	0.0989	0.9009
loan		0.9836	0.0164	0.9825	0.9650	0.1089
localization		0.0316	0.1761	0.0056	0.0000	0.3471
localization10%		0.6208	0.0690	0.3600	0.5106	0.4794
lrs		0.8113	0.0539	0.6189	0.7358	0.1594
lung		0.8571	0.0571	0.8342	0.7549	0.1593
lung_discrete		0.6250	0.1071	0.4878	0.5556	0.0523
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.8500	0.0600	0.8780	0.7087	0.1893
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		0.5556	0.1481	0.2411	0.3684	0.1735
machine-failure		0.9043	0.0957	0.9012	0.8006	0.4106
madelon		0.7308	0.2692	0.7308	0.4615	0.7789
magic04		0.8553	0.1447	0.8389	0.6761	0.5605

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8128	0.6206	0.6242
marketing		0.8571	0.1429	0.6724	0.3307	0.6830
maternal		0.7327	0.1782	0.7400	0.5962	0.5005
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8226	0.1183	0.3747	0.0895	0.3770
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2233	0.3107	0.2233	0.0280	0.8444
messidor		0.6174	0.3826	0.6167	0.2322	0.9062
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.7833	0.7692	0.2051
meter-D		0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac		0.8650	0.0270	0.8668	0.8500	0.1535
mfeat-fou		0.7700	0.0460	0.7680	0.7444	0.2038
mfeat-kar		0.7950	0.0410	0.8023	0.7722	0.2276
mfeat-mor		0.6800	0.0640	0.6773	0.6444	0.2187
mfeat-pix		0.8250	0.0350	0.8290	0.8056	0.1929
mfeat-zer		0.7200	0.0560	0.7208	0.6889	0.2666
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5588	0.4492	0.4192
mobile		0.6783	0.0115	0.6961	0.6725	0.1459
monks-1		0.8545	0.1455	0.8587	0.7098	0.5194
monks-2		0.9836	0.0164	0.9824	0.9641	0.1262
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4739	0.0957	0.5058	0.3655	0.5597
musk		0.9485	0.0515	0.8960	0.7838	0.2938
MUT_ci300400a_cdk_ESTATE		0.7386	0.2614	0.7310	0.4621	0.7730
MUT_ci300400a_cdk_FCFP2		0.7988	0.2012	0.7922	0.5841	0.6724
MUT_ci300400a_cdk_MACCS		0.7866	0.2134	0.7829	0.5650	0.6922
MUT_ci300400a_rdkit_descriptors		0.8020	0.1980	0.7967	0.5930	0.6646
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9669	0.0331	0.9669	0.9339	0.1957
NCI60		0.5000	0.1667	0.4286	0.4000	0.2097
nci9		0.3333	0.2222	0.1818	0.2000	0.2627
ncRNA		0.9453	0.0058	0.7326	0.8530	0.4883
ncRNA1%		0.8926	0.0113	0.4526	0.7079	0.7198
ncRNA10%		0.9248	0.0079	0.6081	0.7932	0.5202
neo		0.9113	0.0887	0.6857	0.3273	0.5518
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6463	0.3537	0.6439	0.2874	0.8846
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.4444	0.3704	0.3962	-0.0275	0.6369
nursery		0.9954	0.0019	0.7971	0.9932	0.0123
obesity		0.9289	0.0203	0.9289	0.9170	0.0987
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9903	0.0097	0.9864	0.9728	0.1063
Occupancy_Estimation		0.9921	0.0039	0.9714	0.9759	0.0166
oh0-wc		0.8515	0.0297	0.8648	0.8287	0.1308
oh10-wc		0.7048	0.0590	0.6957	0.6641	0.2696
oh15-wc		0.6739	0.0652	0.6659	0.6260	0.2742
oh5-wc		0.7692	0.0462	0.7886	0.7395	0.2185
olive		0.9123	0.0195	0.9098	0.8911	0.0779
opn310k		0.9120	0.0880	0.6512	0.2395	0.5391

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
opn310k10%			0.9085	0.0915	0.6171	0.1785	0.5717
opnat310k-hg16-17			0.9139	0.0861	0.6647	0.2708	0.5362
optdigits			0.8683	0.0263	0.8721	0.8536	0.1719
optdigitsZ			0.9893	0.0107	0.9671	0.9341	0.1764
orl			0.4500	0.0275	0.3951	0.4359	0.1052
orlraws10P			0.6000	0.0800	0.5739	0.5556	0.1123
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr			0.8972	0.1028	0.5444	0.0828	0.6928
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7938	0.2062	0.7609	0.5082	0.6684
P-Glycoprotein_c_RDkit_AtomPair_FP			0.9048	0.0952	0.9048	0.8091	0.4180
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9835	0.0066	0.9358	0.9049	0.1119
parkinson			0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons			0.9100	0.0900	0.9037	0.8064	0.4030
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.9127	0.0873	0.8916	0.7832	0.4387
particle10%			0.8746	0.1254	0.8423	0.6840	0.5446
pasture			0.5000	0.3333	0.5333	0.3333	0.1875
pc1			0.8829	0.1171	0.5863	0.1721	0.6762
pcmac			0.5619	0.4381	0.4893	-0.0123	0.8555
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8553	0.1447	0.7928	0.5600	0.5340
pediatric-leukemia			0.7059	0.0840	0.6428	0.6344	0.2363
pendigits			0.9672	0.0066	0.9666	0.9636	0.0536
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.7464	0.2536	0.7207	0.4306	0.7499
pet-adoption			0.9400	0.0600	0.9319	0.8600	0.2695
phishing			0.9469	0.0531	0.9442	0.8876	0.2693
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%			0.8660	0.0383	0.8568	0.8434	0.1547
phone-acc1%			0.9772	0.0065	0.9758	0.9733	0.0426
phone-gyr0.1%			0.8995	0.0287	0.8915	0.8825	0.1204
phone-gyr1%			0.9811	0.0054	0.9794	0.9779	0.0330
phoneme			0.8852	0.1148	0.8562	0.7116	0.5123
pima			0.6842	0.3158	0.6580	0.3070	0.8385
pirvision			0.9909	0.0061	0.9843	0.9712	0.0730
placement			0.7770	0.2230	0.7705	0.5409	0.7115
plant-growth			0.7368	0.2632	0.7531	0.4809	0.6961
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5063	0.0987	0.1397	0.0546	0.2725
poker10%			0.6150	0.0962	0.2410	0.2816	0.3421
polish-1st			0.9844	0.0156	0.8831	0.7478	0.1741
polish-2nd			0.9705	0.0295	0.7592	0.4329	0.2630
polish-3rd			0.9552	0.0448	0.6784	0.3005	0.4699
polish-4th			0.9643	0.0357	0.8054	0.6052	0.4593
polish-5th			0.9628	0.0372	0.8442	0.6831	0.4058
polya			0.7319	0.2681	0.6950	0.3793	0.7804
popularity			0.6464	0.2357	0.4040	0.1976	0.5592
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9624	0.0151	0.9618	0.9529	0.0839
pred-tox_mutagen_ref-desc			0.5882	0.4118	0.5908	0.1765	0.9230
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.4242	0.0523	0.2046	0.3582	0.2291
profb			0.5522	0.4478	0.5260	0.0510	0.9317
promoters			0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prostate			0.7857	0.2143	0.8028	0.5333	0.4205
prostate_GE			0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio			0.9825	0.0070	0.9693	0.9765	0.0533
puc-rio10%			0.9644	0.0142	0.9403	0.9522	0.0883
pufs-1281%			0.4930	0.5070	0.4930	-0.0140	1.0000
pufs-641%			0.5004	0.4996	0.5004	0.0008	0.9997
pufs-6410%			0.4975	0.5025	0.4975	-0.0050	1.0000
pulsar			0.9808	0.0192	0.9413	0.8814	0.2099
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%			0.6093	0.0191	0.2721	0.5607	0.3711
re0-wc			0.7800	0.0338	0.5350	0.7068	0.2477
re1-wc			0.8373	0.0130	0.6281	0.8149	0.1177
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9846	0.0154	0.9845	0.9689	0.1025
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6531	0.3469	0.6377	0.2750	0.8828
RT_IOT2022			0.0163	0.1639	0.0027	0.0000	0.1787
satimage			0.8491	0.0503	0.8236	0.8134	0.2181
satimageF			0.9860	0.0140	0.9642	0.9283	0.1993
satimageT			0.9316	0.0684	0.7824	0.5345	0.4413
scadi			0.5714	0.1224	0.4762	0.4878	0.1295
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9567	0.0124	0.9611	0.9494	0.0619
segmentation			0.8317	0.1683	0.8206	0.6398	0.6181
segmentO			0.9913	0.0087	0.9834	0.9663	0.1466
seismic			0.9186	0.0814	0.5348	0.0544	0.6391
semeion			0.9811	0.0189	0.9496	0.8986	0.2737
sens-1-gram			0.8500	0.1500	0.4937	-0.0065	0.6592
sens-10-gram			0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-3-gram			0.8658	0.1342	0.5895	0.0994	0.5596
sens-4-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8579	0.1421	0.5635	0.0823	0.6398
sens-7-gram			0.8605	0.1395	0.5435	0.0391	0.5724
sens-8-gram			0.8658	0.1342	0.5503	0.0232	0.4453
sens-9-gram			0.8632	0.1368	0.5688	0.0697	0.5660
sensorless			0.9812	0.0034	0.9812	0.9793	0.0305
sepsis			0.9094	0.0906	0.6567	0.0015	0.2086
shoppers			0.8856	0.1144	0.7608	0.5143	0.5988
shuttle			0.9998	0.0000	0.8571	0.9995	0.0003
sick			0.9814	0.0186	0.9237	0.8472	0.2891
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9993	0.0007	0.9989	0.9978	0.0123
skin10%			0.9975	0.0025	0.9963	0.9925	0.0279
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.3400	0.3300	0.3294	0.1186	0.6892
smk_can_187			0.6316	0.3684	0.6644	0.2811	0.7662
smoking			0.7531	0.2469	0.7357	0.4714	0.7589
soil_pollution			0.1800	0.3280	0.1762	-0.0272	0.8762
solar-flare			0.7338	0.0887	0.5325	0.6553	0.1872
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.9412	0.0062	0.9403	0.9355	0.0392

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spam-detection			0.9515	0.0485	0.8566	0.7132	0.4724
spambase			0.9283	0.0717	0.9248	0.8496	0.3503
spect			0.7037	0.2963	0.6196	0.2340	0.8108
spectf			0.8000	0.2000	0.7481	0.4948	0.7085
spectrometer			0.4423	0.0413	0.3131	0.4086	0.1718
splice-EI			0.9464	0.0536	0.9308	0.8608	0.3409
splice-IE			0.9180	0.0820	0.8855	0.7708	0.4413
sport-articles			0.8000	0.2000	0.7834	0.5662	0.6793
squash-stored			0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8998	0.0668	0.8726	0.8372	0.2293
steel-b			0.8256	0.1744	0.7238	0.4452	0.7026
steel-d			0.9795	0.0205	0.8028	0.5899	0.3873
steel-k			0.9846	0.0154	0.9767	0.9533	0.1586
steel-o			0.8000	0.2000	0.7727	0.5221	0.6241
steel-p			0.9231	0.0769	0.7226	0.4417	0.6031
steel-s			0.9949	0.0051	0.9665	0.9307	0.0228
steel-z			0.9846	0.0154	0.9575	0.9145	0.2439
stellar			0.9758	0.0161	0.9718	0.9569	0.0883
stock			0.9444	0.0556	0.9022	0.8003	0.3241
stockb			0.9824	0.0117	0.9825	0.9736	0.0528
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6100	0.1560	0.3341	0.3473	0.4252
student-habits			0.3500	0.2600	0.1635	-0.0209	0.5776
student-weekend			0.4308	0.2277	0.2044	0.1579	0.4100
student-workday			0.6250	0.1500	0.1886	0.0617	0.6185
studentap			0.4615	0.3590	0.3579	0.1415	0.6744
susy			0.7898	0.2102	0.7881	0.5726	0.6739
susy1%			0.7870	0.2130	0.7853	0.5670	0.6796
susy10%			0.7861	0.2139	0.7843	0.5649	0.6807
swarm_aligned			0.9996	0.0004	0.9995	0.9990	0.0070
tae			0.6667	0.2222	0.6667	0.5000	0.3311
telco-churn			0.8622	0.1378	0.8193	0.6376	0.5832
texture			0.9091	0.0165	0.9116	0.8998	0.1137
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9686	0.0314	0.4920	-0.0142	0.5981
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9368	0.0632	0.9291	0.8541	0.2792
tis			0.9065	0.0935	0.8695	0.7319	0.4233
tis10%			0.8657	0.1343	0.8067	0.5877	0.5004
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1250	0.3030	0.3684	0.1720
tox_171			0.5294	0.2353	0.6045	0.3704	0.4006
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.8235	0.1765	0.8482	0.6531	0.4644
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.5938	0.1860	0.8482
trec11-wc			0.7805	0.0488	0.5153	0.7240	0.1588
trec12-wc			0.8387	0.0403	0.8847	0.8075	0.1610
trec21-wc			0.8485	0.0606	0.7691	0.7213	0.3100
trec23-wc			0.9524	0.0159	0.9667	0.9338	0.0454
trec31-wc			0.9140	0.0287	0.7724	0.8861	0.1496
trec41-wc			0.9091	0.0182	0.7782	0.8898	0.1330
trec45-wc			0.8261	0.0348	0.7647	0.7974	0.1506
tuandromd			0.9798	0.0202	0.9692	0.9381	0.1950

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
turkish			0.7500	0.1250	0.7565	0.6667	0.3493
tvnews1%			0.8385	0.1615	0.8240	0.6455	0.5930
tvnews10%			0.8612	0.1388	0.8500	0.6997	0.5491
ur3_cobotops_grip			0.9714	0.0286	0.7155	0.3874	0.4334
ur3_cobotops_stop			0.9701	0.0299	0.7588	0.5068	0.4825
urban			0.7910	0.0464	0.8111	0.7545	0.1583
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7500	0.1250	0.6929	0.6593	0.2553
vehicleVAN			0.9524	0.0476	0.9393	0.8769	0.3203
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowel			0.4242	0.1047	0.4838	0.3667	0.3769
vowelZ			0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17			0.9100	0.0900	0.6403	0.2206	0.5533
wap-wc			0.5705	0.0429	0.3903	0.5160	0.2800
warpar10p			0.5385	0.0923	0.4118	0.4834	0.1374
warppie10p			0.6667	0.0667	0.6407	0.6260	0.1534
watch-acc1%			0.9746	0.0073	0.9741	0.9703	0.0520
watch-gyr1%			0.9791	0.0060	0.9787	0.9756	0.0436
water_pollution			0.2367	0.3817	0.2374	-0.0165	0.8685
waveform			0.7420	0.1720	0.7421	0.6130	0.5095
weather-related			0.9558	0.0080	0.9556	0.9500	0.0670
web-phishing			0.8370	0.1086	0.7591	0.7114	0.4497
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9800	0.0100	0.9800	0.9733	0.0437
wilt			0.9793	0.0207	0.8904	0.7808	0.3809
wine			0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red			0.5849	0.1384	0.2679	0.3201	0.4267
winequality-white			0.5337	0.1332	0.2729	0.3078	0.6112
wisc_bc			0.9123	0.0877	0.9051	0.8096	0.4018
yale			0.4375	0.0750	0.4000	0.4000	0.1299
yeast			0.5541	0.0892	0.4439	0.4275	0.3515
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9527	0.0473	0.6808	0.3410	0.5673
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9459	0.0541	0.6564	0.3060	0.6026
zip			0.8720	0.0256	0.8629	0.8565	0.1859

Table 176: Detailed results for RerF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1735	0.0787	0.1326	0.0923	0.6126
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9847	0.0153	0.7242	0.2428	0.0543
accident		0.4500	0.5500	0.4497	-0.1000	1.0000
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.8585	0.1415	0.7887	0.5571	0.5531
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9997	0.0003	0.9774	0.9537	0.0020
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9945	0.0055	0.7020	0.1531	0.0235
aids		0.8873	0.1127	0.8391	0.6592	0.4441
air_pollution		0.4100	0.1686	0.1700	0.0090	0.3409
air-booking		0.8508	0.1492	0.6498	0.0023	0.2929
airline		0.9592	0.0408	0.9585	0.9166	0.2209
alcohol		0.8095	0.0762	0.4174	0.5035	0.1857
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.8884	0.1116	0.8806	0.7386	0.3381
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9805	0.0097	0.9453	0.9627	0.0473
anuran-genus		0.9889	0.0028	0.9658	0.9817	0.0497
anuran-species		0.9847	0.0031	0.9712	0.9787	0.0217
anxiety		0.1333	0.1926	0.1238	0.0230	0.7986
apple-quality		0.8925	0.1075	0.8931	0.7850	0.4474
aps-failure		0.9921	0.0079	0.8767	0.7419	0.2332
arabidopsis		0.9921	0.0079	0.6714	0.0251	0.0318
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.6674	0.0072	0.0320

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.8000	0.0308	0.4773	0.6571	0.1611
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.7273	0.0496	0.5143	0.6733	0.1198
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9500	0.0167	0.7933	0.9340	0.0386
avila		0.9612	0.0065	0.9579	0.9490	0.0459
babies		0.4113	0.1682	0.1620	0.0868	0.5385
balance		0.9194	0.0538	0.6393	0.8500	0.1971
bank		0.9102	0.0898	0.7407	0.4615	0.5553
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8940	0.1060	0.8874	0.7571	0.3455
basehock		0.9799	0.0201	0.9800	0.9598	0.1294
bio		0.9973	0.0027	0.9162	0.8232	0.1143
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8857	0.1143	0.8780	0.7553	0.4788
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9872	0.0012	0.1252	0.1978	0.0764
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9863	0.0025	0.1973	0.0694	0.0278
body-perf		0.7216	0.1392	0.7218	0.6289	0.4239
bookings		0.9915	0.0056	0.8321	0.9820	0.0230
brain-tumor		0.5060	0.4940	0.5059	0.0116	0.9942
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.5333	0.7143	0.0578
bub10at310k-hg16-17		0.9230	0.0770	0.7091	0.3497	0.4612
bub12at310k-hg16-17		0.9205	0.0795	0.6982	0.3358	0.4934
bub8at310k-hg16-17		0.9206	0.0794	0.7130	0.3995	0.5535
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4680	0.3547	0.3163	-0.0019	0.5723
car		0.9598	0.0201	0.9413	0.9160	0.1701
car-insurance		0.8440	0.1560	0.8155	0.6302	0.6051
card		0.9420	0.0580	0.9407	0.8799	0.2783
cardiotocography		0.8639	0.0272	0.8487	0.8363	0.1563
cardiotocography-nsp		0.9296	0.0469	0.8589	0.7907	0.1771
cardiovascular		0.7352	0.2648	0.7363	0.4704	0.7666
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8500	0.1000	0.8168	0.7209	0.2947
cas_N6512_cdk_ECFP2		0.7803	0.2197	0.7801	0.5596	0.6993
cas_N6512_rdkit_ATOMPAIR		0.7938	0.2062	0.7931	0.5860	0.6766
cas_N6512_RDkit_AtomPair_FP		0.7899	0.2101	0.7884	0.5768	0.6842
cas_N6512_rdkit_AVALON		0.8218	0.1782	0.8218	0.6428	0.6206
cas_N6512_RDkit_Avalon_FP		0.8267	0.1733	0.8284	0.6539	0.6031
cas_N6512_rdkit_descriptors		0.7954	0.2046	0.7954	0.5900	0.6717
cas_N6512_rdkit_FEATMORGAN		0.7942	0.2058	0.7928	0.5856	0.6766
cas_N6512_RDkit_Featmorgan_FP		0.7883	0.2117	0.7877	0.5752	0.6862
cas_N6512_RDkit_FP		0.7991	0.2009	0.7983	0.5965	0.6670
cas_N6512_rdkit_LAYERED		0.8046	0.1954	0.8063	0.6098	0.6480
cas_N6512_RDkit_Layered_FP		0.7730	0.2270	0.7720	0.5440	0.7135

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.8065	0.1935	0.8049	0.6092	0.6517
cas_N6512_RDkit_MACCS_FP		0.8129	0.1871	0.8142	0.6260	0.6334
cas_N6512_rdkit_MORGAN		0.8323	0.1677	0.8312	0.6624	0.6009
cas_N6512_RDkit_morgan_FP		0.8160	0.1840	0.8149	0.6297	0.6349
cas_N6512_rdkit_PATTERN		0.8000	0.2000	0.8010	0.6001	0.6595
cas_N6512_RDkit_pattern_FP		0.7715	0.2285	0.7720	0.5427	0.7120
cas_N6512_rdkit_RDKITFP		0.8003	0.1997	0.7993	0.5985	0.6651
cas_N6512_rdkit_TORSION		0.7769	0.2231	0.7771	0.5532	0.7040
ccds		0.9652	0.0348	0.7099	0.2272	0.1608
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9630	0.0370	0.6780	0.0665	0.1082
cdc_diabetes		0.8495	0.1003	0.4231	0.1779	0.3028
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6744	0.0561	0.1301
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9537	0.0463	0.7676	0.4863	0.3763
census10%		0.9545	0.0455	0.7521	0.4156	0.2992
central-nervous-system		0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B		0.9302	0.0698	0.6408	0.2229	0.5285
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S		0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia		0.9292	0.0354	0.8351	0.8938	0.1216
chrom19		0.9998	0.0002	0.9478	0.8925	0.0846
chrom191%		0.9994	0.0006	0.9090	0.7997	0.4644
chrom1910%		0.9994	0.0006	0.8468	0.6872	0.3227
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8530	0.1470	0.7455	0.4597	0.5835
churn-bigml		0.9363	0.0637	0.8627	0.6964	0.2606
ci900367j_MACCS		0.7158	0.2842	0.6910	0.3794	0.8107
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.5180	0.5070	0.3634
cjs		0.9964	0.0012	0.9972	0.9956	0.0083
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8167	0.0917	0.6585	0.7078	0.3158
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5442	0.3039	0.5295	0.2900	0.7050
cnae-9		0.9444	0.0123	0.9471	0.9375	0.0622
codon_usage		0.9194	0.0147	0.7730	0.9015	0.0917
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.8400	0.0213	0.7724	0.8223	0.0662
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.8276	0.1724	0.8044	0.5892	0.5680
colposcopies-2		0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.5127	0.4873	0.5123	0.0246	0.9925
connect-4		0.9833	0.0112	0.6453	0.4247	0.0649
cottonmeloidogyne		0.7812	0.2188	0.7816	0.5626	0.6968
coupon		0.7697	0.2303	0.7635	0.5207	0.7063
covid19		0.5519	0.1280	0.2409	0.2013	0.3623
covtype		0.9021	0.0280	0.8511	0.8408	0.1713
covtype10%		0.8449	0.0443	0.7522	0.7451	0.2507
covtypeCD		0.9881	0.0119	0.9744	0.9485	0.1116
covtypeT		0.9797	0.0203	0.9178	0.8320	0.2312
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9996	0.0004	0.9405	0.8762	0.0750
creditcard_trans10%		0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced		0.9493	0.0169	0.8646	0.8933	0.0938
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.5938	0.0203	0.4439	0.5819	0.0659
customer-churn		0.9834	0.0166	0.7456	0.4501	0.3780
cybersecurity		0.1267	0.2911	0.1250	-0.0510	0.9050
cyclopentane		0.6296	0.3704	0.6326	0.2623	0.8892
cylinder-bands		0.7778	0.2222	0.7710	0.5404	0.7057
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0952	0.1810	0.0945	-0.0054	0.9310
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8260	0.1740	0.7133	0.3922	0.6382
defect		0.9383	0.0617	0.8787	0.7336	0.2399
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9042	0.0958	0.7338	0.4504	0.5763
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.9730	0.0090	0.9729	0.9662	0.0254
desharnais		0.6250	0.2500	0.4099	0.2000	0.4997
dexter		0.9333	0.0667	0.9343	0.8667	0.3124
df_final		0.6875	0.2083	0.7090	0.5062	0.3810
DIA		0.8833	0.1167	0.8416	0.6316	0.2737
diabetes		0.9808	0.0192	0.9799	0.9590	0.0927
diabetes-100k		0.9691	0.0309	0.8933	0.7627	0.1113
diabetes-risk		0.9201	0.0799	0.8734	0.7429	0.4210
diabetic		0.5847	0.2768	0.4702	0.1701	0.5076
diabetic1%		0.5882	0.2745	0.3843	0.1628	0.4738
diabetic10%		0.5678	0.2881	0.3680	0.1291	0.5118
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7714	0.0914	0.7658	0.6749	0.3162
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.4167	0.5833	0.3514	-0.2727	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9478	0.0522	0.8310	0.6399	0.3592
dota2		0.5853	0.4147	0.5818	0.1509	0.9071
dota210%		0.5738	0.4262	0.5701	0.1238	0.9006
drebin		0.9894	0.0106	0.9886	0.9771	0.0755
dropout		0.7652	0.1565	0.6761	0.6008	0.4470
drug-01		0.4149	0.1672	0.1487	0.0395	0.3746
drug-02		0.5372	0.1322	0.2729	0.1592	0.5040
drug-03		0.6915	0.0881	0.1722	0.0656	0.2920
drug-04		0.5372	0.1322	0.1614	0.0694	0.3663

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4309	0.1626	0.3142	0.2695	0.4476
drug-07		0.4734	0.1505	0.1473	0.1064	0.3828
drug-08		0.5691	0.1231	0.2242	0.1339	0.3808
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5691	0.1231	0.1639	0.1752	0.3521
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6064	0.1125	0.1641	0.1669	0.3259
drug-14		0.6170	0.1094	0.2719	0.2929	0.4366
drug-15		0.7660	0.0669	0.1656	0.0509	0.1807
drug-16		0.6117	0.1109	0.2794	0.3267	0.3174
drug-17		0.3777	0.1778	0.1378	0.1245	0.4563
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9229	0.0220	0.9360	0.9067	0.1237
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		0.5909	0.4091	0.7058	0.2878	0.5306
ecoliM		0.7576	0.2424	0.4310	0.0000	0.3942
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2100	0.3950	0.2094	-0.0538	0.8820
eeg		0.5629	0.0546	0.5785	0.5139	0.4924
eeg-eye		0.9352	0.0648	0.9346	0.8687	0.3157
eeg10%		0.4670	0.0666	0.4419	0.4053	0.5093
email_phishing		0.9876	0.0124	0.6933	0.1202	0.0457
eucalyptus		0.6575	0.1370	0.6382	0.5520	0.3394
euthyroid		0.9684	0.0316	0.9082	0.8159	0.3294
exon.vs.intron-freq		0.9823	0.0177	0.9824	0.9645	0.1109
exon.vs.intron-freq10%		0.9562	0.0438	0.9570	0.9117	0.2119
fakenews		0.5075	0.4925	0.5070	0.0139	0.9942
farm-ads		0.9058	0.0942	0.9072	0.8093	0.3818
fbis-wc		0.8252	0.0206	0.7549	0.7990	0.1023
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.9020	0.0980	0.9028	0.7997	0.3894
financial-risk		0.8330	0.0557	0.6032	0.7228	0.1854
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.7500	0.0625	0.4060	0.6764	0.1476
fonts		0.7742	0.0030	0.6206	0.7619	0.2014
fonts10%		0.5569	0.0058	0.2727	0.5258	0.3680
forest		0.9231	0.0385	0.9069	0.8937	0.0884
gas		0.9971	0.0010	0.9973	0.9965	0.0071
gastrointestinal		0.8125	0.1250	0.8305	0.6981	0.2631
gender		0.6105	0.2596	0.4980	0.1660	0.5201
gene		0.9369	0.0421	0.9285	0.8985	0.1931
german		0.7200	0.2800	0.6799	0.2689	0.6300
gestures		0.9195	0.0402	0.9198	0.8927	0.1758
gina		0.9481	0.0519	0.9482	0.8963	0.2717
gisette		0.9643	0.0357	0.9644	0.9286	0.2051
glass		0.9048	0.0317	0.8929	0.8683	0.0975
glass-g2		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP		0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.5333	0.2333	0.4407	0.3438	0.4724
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.9625	0.0063	0.8434	0.9556	0.0406
har		0.9959	0.0016	0.9955	0.9948	0.0115
har70		0.9386	0.0175	0.7132	0.9083	0.1081
har701%		0.9274	0.0207	0.5691	0.8921	0.1127
har7010%		0.9336	0.0190	0.5954	0.9007	0.0944
harth		0.9044	0.0159	0.7084	0.8697	0.1685
harth1%		0.8794	0.0201	0.6012	0.8350	0.1583
harth10%		0.8937	0.0177	0.6814	0.8549	0.1711
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.9355	0.0645	0.9349	0.8697	0.3213
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.9840	0.0160	0.9815	0.9623	0.0742
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass		0.8670	0.1330	0.8674	0.7340	0.5171
hepmass1%		0.8500	0.1500	0.8502	0.7000	0.5595
hepmass10%		0.8615	0.1385	0.8620	0.7231	0.5299
hERG-121inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.7538	0.2462	0.7527	0.5053	0.7448
higgs0.1%		0.6936	0.3064	0.6916	0.3822	0.8285
higgs1%		0.7073	0.2927	0.7055	0.4105	0.8117
higgs10%		0.7325	0.2675	0.7312	0.4623	0.7770
higher		0.2143	0.1964	0.1293	0.0375	0.3656
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8870	0.1130	0.7739	0.4999	0.4601
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.6667	0.2222	0.5830	0.3703	0.4690
hotel-reservartions		0.9107	0.0893	0.8972	0.7920	0.4014
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		1.0000	0.0000	1.0000	1.0000	0.0002
ht-sensor10%		0.9996	0.0003	0.9996	0.9994	0.0026
htru2		0.9782	0.0218	0.9318	0.8611	0.2113
hypothyroid		0.9947	0.0027	0.7438	0.9684	0.0506
hypothyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
ilpd		0.7119	0.2881	0.6069	0.1995	0.8360
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9760	0.0120	0.9764	0.9680	0.0522
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9101	0.0069	0.9146	0.9065	0.0767
jm1		0.8209	0.1791	0.6489	0.2356	0.6390
jvowels		0.9839	0.0036	0.9831	0.9818	0.0275
kc1		0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6751	0.3350	0.7254
kdc-4007		0.7456	0.0727	0.7609	0.7029	0.3336
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9476	0.0524	0.4866	-0.0021	0.2511
kddcup99		0.9998	0.0000	0.7110	0.9997	0.0045
kddcup991%		0.9986	0.0002	0.8291	0.9976	0.0015
kddcup9910%		0.9996	0.0000	0.6320	0.9993	0.0027
kepler		0.8954	0.0697	0.8580	0.8274	0.1991
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7783	0.0246	0.7933	0.7515	0.2264
krvskp		0.9875	0.0125	0.9875	0.9749	0.0906
la1s-wc		0.8508	0.0497	0.8330	0.8087	0.1804
la2s-wc		0.8940	0.0353	0.8822	0.8646	0.1376
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7647	0.0205	0.7491	0.7530	0.0578
led24		0.6500	0.0700	0.6222	0.6067	0.1445
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9685	0.0024	0.9682	0.9672	0.0376
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8889	0.0148	0.9110	0.8807	0.0496
linkage		1.0000	0.0000	0.9988	0.9976	0.0030
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9859	0.0141	0.9850	0.9700	0.0987
localization		0.7169	0.0515	0.4975	0.6304	0.2786
localization10%		0.6717	0.0597	0.4033	0.5678	0.3129
lrs		0.8491	0.0302	0.4439	0.7907	0.1068
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0494	0.4018	0.6842	0.0783
machine-failure		0.9255	0.0745	0.9237	0.8472	0.3606
madelon		0.6346	0.3654	0.6348	0.2692	0.8951
magic04		0.8811	0.1189	0.8676	0.7322	0.4843
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8543	0.7080	0.5499
marketing		0.9018	0.0982	0.7785	0.4783	0.3425
maternal		0.8416	0.1056	0.8450	0.7587	0.3503
math		0.8250	0.0875	0.7899	0.7211	0.2203
mba		0.8177	0.1215	0.3871	0.1433	0.3946
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2233	0.3107	0.2339	0.0270	0.8212
messidor		0.6696	0.3304	0.6638	0.3277	0.8607
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
meter-D			0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac			0.9700	0.0060	0.9710	0.9667	0.0374
mfeat-fou			0.8050	0.0390	0.8062	0.7833	0.1591
mfeat-kar			0.9700	0.0060	0.9707	0.9667	0.0379
mfeat-mor			0.6900	0.0620	0.6910	0.6556	0.1995
mfeat-pix			0.9850	0.0030	0.9852	0.9833	0.0188
mfeat-zer			0.7950	0.0410	0.7953	0.7722	0.1206
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5294	0.1882	0.5075	0.4106	0.3987
mobile			0.9510	0.0017	0.9549	0.9502	0.0219
monks-1			0.9636	0.0364	0.9648	0.9272	0.1675
monks-2			0.9180	0.0820	0.9116	0.8076	0.2404
monks-3			0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4911	0.0925	0.5419	0.3891	0.5376
musk			0.9606	0.0394	0.9222	0.8317	0.1242
MUT_ci300400a_cdk_ECFP2			0.8333	0.1667	0.8286	0.6571	0.6040
MUT_ci300400a_cdk_ECFP4			0.8443	0.1557	0.8403	0.6805	0.5802
MUT_ci300400a_cdk_ECFP6			0.8192	0.1808	0.8127	0.6221	0.6217
MUT_ci300400a_cdk_ESTATE			0.7746	0.2254	0.7660	0.5303	0.7125
MUT_ci300400a_cdk_EXTENDED			0.8609	0.1391	0.8571	0.7142	0.5416
MUT_ci300400a_cdk_FCFP2			0.8299	0.1701	0.8248	0.6496	0.6111
MUT_ci300400a_cdk_FCFP4			0.8189	0.1811	0.8135	0.6269	0.6337
MUT_ci300400a_cdk_FCFP6			0.8309	0.1691	0.8257	0.6514	0.6086
MUT_ci300400a_cdk_MACCS			0.8465	0.1535	0.8422	0.6844	0.5750
MUT_ci300400a_cdk_PUBCHEM			0.8695	0.1305	0.8658	0.7316	0.5206
MUT_ci300400a_cdk_STANDARD			0.8467	0.1533	0.8416	0.6826	0.5716
MUT_ci300400a_rdkit_descriptors			0.8622	0.1378	0.8593	0.7186	0.5373
myocardial			0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid			0.9744	0.0256	0.9744	0.9489	0.1608
NCI60			0.8333	0.0556	0.7895	0.8000	0.0530
nci9			0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA			0.9621	0.0040	0.8278	0.8979	0.2504
ncRNA1%			0.9190	0.0085	0.5674	0.7738	0.3735
ncRNA10%			0.9423	0.0061	0.7185	0.8417	0.2960
neo			0.9190	0.0810	0.7262	0.4244	0.5388
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.8687	0.0060	0.8697	0.8642	0.0855
newspop			0.6673	0.3327	0.6647	0.3285	0.8606
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9687	0.0313	0.9614	0.9226	0.2015
NPHA-doctor-visits			0.5417	0.3056	0.4151	0.0361	0.3592
nursery			0.9869	0.0052	0.7716	0.9808	0.0351
obesity			0.9336	0.0190	0.9353	0.9225	0.0823
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9937	0.0063	0.9911	0.9823	0.0756
Occupancy_Estimation			0.9941	0.0030	0.9783	0.9819	0.0134
oh0-wc			0.9307	0.0139	0.9362	0.9205	0.0678
oh10-wc			0.8000	0.0400	0.7979	0.7718	0.1724
oh15-wc			0.8913	0.0217	0.8972	0.8762	0.1096
oh5-wc			0.8462	0.0308	0.8634	0.8251	0.1322
ohscal-wc			0.8011	0.0398	0.7870	0.7771	0.2594
olive			0.9298	0.0156	0.9215	0.9118	0.0396
opn310k			0.9226	0.0774	0.7079	0.3516	0.4722
opn310k10%			0.9247	0.0753	0.7061	0.3094	0.3929

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
opnat310k-hg16-17		0.9239	0.0761	0.7140	0.3608	0.4569
optdigits		0.9698	0.0060	0.9718	0.9664	0.0429
optdigitsZ		0.9947	0.0053	0.9834	0.9662	0.0246
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr		0.9328	0.0672	0.7031	0.1787	0.1695
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8454	0.1546	0.8236	0.6424	0.5765
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants		0.9955	0.0045	0.6848	0.2983	0.3495
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9854	0.0059	0.9401	0.9162	0.1081
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.8673	0.1327	0.8585	0.7067	0.4806
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.9349	0.0651	0.9193	0.8386	0.3617
particle10%		0.9208	0.0792	0.9011	0.8020	0.4066
pasture		0.5000	0.3333	0.5000	0.2000	0.3750
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5773	0.4227	0.3660	-0.0103	0.5851
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9211	0.0789	0.8939	0.7647	0.2161
pediatric-leukemia		0.7647	0.0672	0.6143	0.7056	0.1787
pendigits		0.9936	0.0013	0.9936	0.9929	0.0122
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.7959	0.2041	0.7783	0.5527	0.6770
personalities		0.9777	0.0028	0.9777	0.9762	0.0406
pet-adoption		0.9400	0.0600	0.9319	0.8600	0.2695
phishing		0.9673	0.0327	0.9658	0.9310	0.1820
PhiUSIIL		1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc		0.9336	0.0190	0.9297	0.9224	0.0648
phone-acc0.1%		0.8515	0.0424	0.8431	0.8262	0.1444
phone-acc1%		0.9103	0.0256	0.9054	0.8951	0.0938
phone-acc10%		0.9282	0.0205	0.9241	0.9160	0.0709
phone-gyr		0.9582	0.0119	0.9540	0.9511	0.0526
phone-gyr0.1%		0.8787	0.0347	0.8727	0.8579	0.1461
phone-gyr1%		0.9332	0.0191	0.9284	0.9218	0.0852
phone-gyr10%		0.9531	0.0134	0.9486	0.9452	0.0589
phoneme		0.9333	0.0667	0.9167	0.8325	0.3474
phy		0.7128	0.2872	0.7131	0.4254	0.8023
pima		0.7368	0.2632	0.7271	0.3930	0.6335
pirvision		0.9987	0.0009	0.9977	0.9959	0.0038
placement		0.7950	0.2050	0.7877	0.5729	0.6725
plant-growth		0.6842	0.3158	0.6841	0.3596	0.8222
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.6437	0.0713	0.3172	0.3210	0.2179
poker1%		0.5580	0.0884	0.1134	0.1554	0.2577
poker10%		0.5899	0.0820	0.1624	0.2200	0.2494
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9551	0.0449	0.7198	0.3860	0.4331
polish-5th		0.9475	0.0525	0.7554	0.4676	0.4217
polya		0.7795	0.2205	0.7514	0.4872	0.6853
popularity		0.6772	0.2152	0.5414	0.2384	0.4488

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9851	0.0059	0.9849	0.9814	0.0379
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6913	0.3824	0.8319
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4848	0.0793	0.4042	0.4216	0.2480
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.7612	0.2388	0.7114	0.3874	0.6917
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.9961	0.0015	0.9932	0.9948	0.0136
puc-rio10%			0.9934	0.0027	0.9873	0.9911	0.0185
pufs-128			0.5004	0.4996	0.5004	0.0008	0.9988
pufs-1281%			0.4910	0.5090	0.4910	-0.0180	1.0000
pufs-12810%			0.5007	0.4994	0.5007	0.0013	0.9986
pufs-64			0.5029	0.4971	0.5028	0.0057	0.9973
pufs-641%			0.4754	0.5246	0.4749	-0.0493	1.0000
pufs-6410%			0.5016	0.4984	0.5016	0.0031	0.9947
pulsar			0.9848	0.0152	0.9536	0.9057	0.1524
raisin			0.8889	0.1111	0.8904	0.7778	0.4479
rcv11%			0.7556	0.0092	0.3283	0.7202	0.1331
rcv110%			0.8491	0.0057	0.4748	0.8299	0.1132
re0-wc			0.8533	0.0226	0.7266	0.8029	0.1184
re1-wc			0.8012	0.0159	0.5341	0.7690	0.1203
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8759	0.0038	0.3542	0.8253	0.0750
rice			0.9852	0.0148	0.9850	0.9700	0.1024
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.7039	0.2961	0.6964	0.3924	0.8185
RT_IOT2022			0.9989	0.0002	0.9813	0.9973	0.0018
satimage			0.9082	0.0306	0.8948	0.8865	0.1430
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9393	0.0607	0.8097	0.5839	0.3617
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9610	0.0111	0.9653	0.9544	0.0526
segmentation			0.8614	0.1386	0.8474	0.6941	0.5489
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8789	0.1211	0.6856	0.1312	0.2567
sens-3-gram			0.8763	0.1237	0.6772	0.0998	0.2600
sens-4-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-5-gram			0.8763	0.1237	0.6772	0.0998	0.2600
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8737	0.1263	0.6404	0.0934	0.3668
sensorless			0.9990	0.0002	0.9990	0.9989	0.0023
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9027	0.0973	0.7935	0.5713	0.5121
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9708	0.0292	0.8705	0.7038	0.0927

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9997	0.0003	0.9996	0.9991	0.0072
skin10%			0.9996	0.0004	0.9994	0.9988	0.0098
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2000	0.4000	0.2023	-0.0764	0.8068
smk_can_187			0.6316	0.3684	0.6315	0.2486	0.8662
smoking			0.8379	0.1621	0.8268	0.6534	0.6049
soil_pollution			0.2000	0.3200	0.1999	-0.0012	0.8745
solar-flare			0.7698	0.0767	0.6203	0.7034	0.1819
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.9853	0.0015	0.9841	0.9838	0.0070
spam-detection			0.9555	0.0445	0.8646	0.7290	0.4388
spambase			0.9500	0.0500	0.9476	0.8949	0.2662
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer			0.6538	0.0256	0.5526	0.6334	0.1187
splice-EI			0.9716	0.0284	0.9621	0.9238	0.1885
splice-IE			0.9306	0.0694	0.9010	0.7986	0.3550
sport-articles			0.8600	0.1400	0.8485	0.6963	0.5487
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9127	0.0582	0.8900	0.8578	0.2112
steel-b			0.8769	0.1231	0.7984	0.5763	0.5178
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8103	0.1897	0.7861	0.5690	0.6581
steel-p			0.9333	0.0667	0.7250	0.3558	0.3699
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9744	0.0256	0.9236	0.8432	0.2195
stellar			0.9758	0.0161	0.9723	0.9570	0.0951
stock			0.9167	0.0833	0.8487	0.6800	0.3916
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9920	0.0080	0.9919	0.9838	0.0642
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6100	0.1560	0.3475	0.3624	0.4410
student-depression			0.8315	0.1685	0.8251	0.6481	0.5997
student-habits			0.3400	0.2640	0.2451	-0.0441	0.4695
student-weekend			0.4308	0.2277	0.2871	0.1420	0.4670
student-workday			0.7031	0.1187	0.2261	0.0515	0.2877
studentap			0.4615	0.3590	0.4301	0.1727	0.5990
susy			0.8001	0.1999	0.7989	0.5930	0.6509
susy1%			0.8024	0.1976	0.8010	0.5982	0.6492
susy10%			0.8014	0.1986	0.8003	0.5958	0.6480
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4828	0.2000	0.6879
telco-churn			0.9020	0.0980	0.8704	0.7366	0.4469
texture			0.9836	0.0030	0.9846	0.9820	0.0259
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.9110	0.0890	0.8765	0.7368	0.3471
tis10%			0.8284	0.1716	0.7584	0.3959	0.3363
titanic			0.8182	0.1818	0.7934	0.5163	0.4251

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tourist			0.7500	0.0833	0.4340	0.6098	0.1060
tox_171			0.8235	0.0882	0.8375	0.7650	0.1709
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5569	0.0975	0.8260
trec11-wc			0.9024	0.0217	0.7523	0.8794	0.0371
trec12-wc			0.9677	0.0081	0.9812	0.9612	0.0265
trec21-wc			0.9394	0.0202	0.4932	0.8631	0.0520
trec23-wc			0.8571	0.0476	0.6291	0.7872	0.1109
trec31-wc			0.9570	0.0123	0.8167	0.9426	0.0546
trec41-wc			0.9205	0.0159	0.7582	0.9022	0.0808
trec45-wc			0.9130	0.0174	0.8275	0.8977	0.0646
tuandromd			0.9865	0.0135	0.9796	0.9589	0.1547
turkish			0.8250	0.0875	0.8265	0.7667	0.2129
tvnews			0.9574	0.0426	0.9540	0.9077	0.2379
tvnews1%			0.9385	0.0615	0.9345	0.8644	0.2616
tvnews10%			0.9083	0.0917	0.9007	0.8010	0.4167
ur3_cobotops_grip			0.9741	0.0259	0.7426	0.3779	0.2389
ur3_cobotops_stop			0.9714	0.0286	0.7507	0.4491	0.3641
urban			0.8657	0.0299	0.8753	0.8426	0.1263
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7619	0.1190	0.7147	0.6775	0.2247
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.9302	0.0698	0.9346	0.8608	0.2605
vowel			0.6970	0.0551	0.7283	0.6667	0.1740
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9206	0.0794	0.6936	0.2817	0.4093
wap-wc			0.7885	0.0212	0.5791	0.7603	0.1235
warpar10p			0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.9621	0.0108	0.9611	0.9556	0.0404
watch-acc1%			0.9325	0.0193	0.9318	0.9210	0.0840
watch-acc10%			0.9590	0.0117	0.9582	0.9520	0.0448
watch-gyr			0.9550	0.0128	0.9531	0.9475	0.0478
watch-gyr1%			0.9239	0.0217	0.9213	0.9111	0.0883
watch-gyr10%			0.9506	0.0141	0.9486	0.9423	0.0564
water_pollution			0.2100	0.3950	0.2087	-0.0537	0.8873
waveform			0.8460	0.1027	0.8463	0.7691	0.3518
weather-related			0.9808	0.0035	0.9829	0.9782	0.0240
web-phishing			0.8667	0.0889	0.8122	0.7632	0.3901
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9995	0.0002	0.9995	0.9994	0.0017
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9814	0.0186	0.8938	0.7811	0.2593
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.7296	0.0901	0.3583	0.5595	0.3020
winequality-white			0.7014	0.0853	0.4077	0.5346	0.3359
winnipeg			0.9975	0.0007	0.9937	0.9968	0.0128
winnipeg10%			0.9945	0.0016	0.9955	0.9930	0.0136
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7986	0.7992	0.0481
yeast			0.5743	0.0851	0.3958	0.4522	0.3550
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastEXC			0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.9495	0.0101	0.9448	0.9434	0.0833

Table 177: Detailed results for RF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1607	0.0579	0.0849	0.0760	0.5088
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9825	0.0175	0.6456	0.1947	0.3590
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.9726	0.0274	0.9419	0.8830	0.2343
adult		0.8683	0.1317	0.8080	0.6099	0.5670
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7810	0.2190	0.4948	-0.0075	0.7914
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red		0.7778	0.2222	0.4375	-0.1163	0.8180
AID1608Morered		0.9029	0.0971	0.4745	-0.0425	0.6928
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9836	0.0164	0.4959	-0.0040	0.4515
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9981	0.0019	0.8471	0.6392	0.0095
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5631	0.1250	0.9054
AID644red		0.5500	0.4500	0.4886	-0.0227	0.9383
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.3333	0.6667	0.2500	-0.4211	0.8208
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9943	0.0057	0.6902	0.1047	0.0241
aids		0.8967	0.1033	0.8575	0.6734	0.2537
air_pollution		0.4067	0.1695	0.0828	0.0017	0.3421
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.9346	0.0654	0.9334	0.8668	0.3240
alcohol		0.7048	0.1181	0.2394	0.1671	0.2244
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.9488	0.0512	0.9438	0.8864	0.2600
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9722	0.0139	0.9364	0.9467	0.0770
anuran-genus		0.9680	0.0080	0.9083	0.9469	0.0800
anuran-species		0.9819	0.0036	0.9668	0.9749	0.0546
anxiety		0.1000	0.2000	0.0698	-0.0178	0.5954
apple-quality		0.6075	0.3925	0.6617	0.2150	0.6403
aps-failure		0.9921	0.0079	0.8819	0.7616	0.3183
arabidopsis		0.9920	0.0080	0.6672	0.0222	0.0360
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.6690	0.0144	0.0319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.8500	0.1500	0.8488	0.6939	0.5599
arrhythmia		0.7333	0.0410	0.5062	0.5881	0.2821
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.8696	0.0109	0.4045	0.8506	0.0219
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7230	0.8676	0.0699
avila		0.9880	0.0020	0.9849	0.9844	0.0328
babies		0.4113	0.1682	0.1481	0.0462	0.2867
balance		0.8387	0.1075	0.5854	0.6990	0.3614
bank		0.9107	0.0893	0.7653	0.5292	0.5918
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8525	0.1475	0.8376	0.6716	0.5559
basehock		0.9749	0.0251	0.9749	0.9497	0.1579
bio		0.9970	0.0030	0.9062	0.8003	0.1175
bio10%		0.9938	0.0062	0.8321	0.6636	0.4637
biodeg		0.8857	0.1143	0.8780	0.7553	0.4788
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin		0.9892	0.0007	0.1322	0.4512	0.2209
bitcoin1%		0.9866	0.0009	0.0834	0.1685	0.1079
bitcoin10%		0.9889	0.0008	0.1288	0.4202	0.1834
body-perf		0.4545	0.2728	0.4749	0.2726	0.3740
bookings		0.9898	0.0068	0.6620	0.9783	0.0264
brain-tumor		0.5120	0.4880	0.5174	0.0218	0.8477
breast-cancer		0.8571	0.1429	0.8169	0.6216	0.5439
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.9000	0.0286	0.6767	0.8571	0.0295
bub10at310k-hg16-17		0.9105	0.0895	0.6462	0.0332	0.2324
bub12at310k-hg16-17		0.9234	0.0766	0.7221	0.4133	0.5300
bub8at310k-hg16-17		0.9205	0.0795	0.7322	0.4570	0.5866
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4950	0.3367	0.4005	0.0043	0.3461
car		0.9540	0.0230	0.9389	0.9039	0.2002
car-insurance		0.8430	0.1570	0.8207	0.6409	0.6108
card		0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography		0.8639	0.0272	0.8545	0.8362	0.1604
cardiotocography-nsp		0.9296	0.0469	0.8799	0.8081	0.3095
cardiovascular		0.7284	0.2716	0.7336	0.4568	0.7538
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8250	0.1167	0.7284	0.6682	0.3390
cas_N6512_cdk_ECFP2		0.5530	0.4470	0.5925	0.0333	0.5652
cas_N6512_rdkit_ATOMPAIR		0.5431	0.4569	0.5600	0.0118	0.5675
cas_N6512_RDkit_AtomPair_FP		0.5460	0.4540	0.6128	0.0179	0.5201
cas_N6512_rdkit_AVALON		0.6144	0.3856	0.6649	0.2608	0.7206
cas_N6512_RDkit_Avalon_FP		0.6074	0.3926	0.6600	0.2478	0.7180
cas_N6512_rdkit_descriptors		0.5538	0.4462	0.6195	0.0358	0.5189
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5414	0.4586	0.6087	0.0072	0.5207
cas_N6512_RDkit_FP		0.7592	0.2408	0.7582	0.5164	0.7361
cas_N6512_rdkit_LAYERED		0.7338	0.2662	0.7331	0.4659	0.7744
cas_N6512_RDkit_Layered_FP		0.7730	0.2270	0.7718	0.5435	0.7138

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7081	0.2919	0.7052	0.4090	0.8094
cas_N6512_RDkit_MACCS_FP		0.7209	0.2791	0.7203	0.4403	0.7923
cas_N6512_rdkit_MORGAN		0.6108	0.3892	0.6640	0.2544	0.7115
cas_N6512_RDkit_morgan_FP		0.5982	0.4018	0.6522	0.2312	0.7215
cas_N6512_rdkit_PATTERN		0.6277	0.3723	0.6628	0.2801	0.7724
cas_N6512_RDkit_pattern_FP		0.6426	0.3574	0.6816	0.3096	0.7368
cas_N6512_rdkit_RDKITFP		0.7650	0.2350	0.7653	0.5296	0.7235
cas_N6512_rdkit_TORSION		0.5446	0.4554	0.6115	0.0143	0.5202
ccds		0.9669	0.0331	0.7263	0.3002	0.1935
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9630	0.0370	0.6780	0.0665	0.1082
cdc_diabetes		0.8492	0.1005	0.4207	0.1536	0.2862
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6995	0.3005	0.6904	0.3751	0.8083
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6744	0.0561	0.1301
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9540	0.0460	0.7754	0.5270	0.4408
census10%		0.9529	0.0471	0.7486	0.4649	0.4535
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9767	0.0233	0.8689	0.7378	0.4199
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9406	0.0297	0.9342	0.9116	0.1387
chrom19		0.9998	0.0002	0.9443	0.8843	0.0687
chrom191%		1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%		0.9994	0.0006	0.8468	0.6872	0.3227
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.6116	0.1148	0.4393
churn		0.8390	0.1610	0.7140	0.3785	0.5917
churn-bigml		0.8876	0.1124	0.7345	0.3776	0.4193
ci900367j_MACCS		0.6737	0.3263	0.6365	0.1982	0.7140
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.4827	0.4299	0.4239
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8213	0.0894	0.6957	0.7189	0.3224
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5782	0.2812	0.5638	0.3407	0.6288
cnae-9		0.9630	0.0082	0.9636	0.9583	0.0414
codon_usage		0.8158	0.0335	0.7006	0.7740	0.2064
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2		0.6207	0.3793	0.5643	0.1163	0.9016
colposcopies-3		0.6207	0.3793	0.6141	0.2276	0.9066
colposcopies-4		0.7931	0.2069	0.7237	0.4387	0.7155
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.8621	0.1379	0.8117	0.6234	0.6038
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7007	0.6353	0.2946

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5139	0.4731	0.5179	0.0314	0.7811
comedy_comparisons1%		0.5180	0.4820	0.5283	0.0021	0.5548
comedy_comparisons10%		0.5175	0.4825	0.5193	0.0005	0.5378
connect-4		0.9871	0.0086	0.7464	0.6431	0.2222
cottonmeloidogyne		0.7476	0.2524	0.7486	0.4955	0.7490
coupon		0.7871	0.2129	0.7815	0.5582	0.6788
covid19		0.5400	0.1314	0.2179	0.1631	0.3261
covtype		0.9607	0.0112	0.9351	0.9368	0.1085
covtype10%		0.7652	0.0671	0.7080	0.6200	0.3214
covtypeCD		0.9901	0.0099	0.9787	0.9574	0.1039
covtypeT		0.9849	0.0151	0.9403	0.8795	0.2106
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9994	0.0006	0.9113	0.8137	0.1291
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9207	0.0264	0.7859	0.8313	0.1718
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.5000	0.0250	0.3733	0.4870	0.0758
customer-churn		0.9836	0.0164	0.7513	0.4669	0.3854
cybersecurity		0.1767	0.2744	0.0835	0.0001	0.4915
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7593	0.2407	0.7586	0.4815	0.6443
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dating		0.1018	0.1796	0.0428	-0.0004	0.4335
day1%		0.9770	0.0230	0.9753	0.9504	0.1629
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8087	0.1913	0.6882	0.3592	0.7117
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9036	0.0964	0.7468	0.4889	0.6024
depressed		0.8252	0.1748	0.5461	0.0382	0.5884
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.6525	0.4286	0.5000
dexter		0.8667	0.1333	0.8700	0.7333	0.4919
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.5708	0.0625	0.6318
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k		0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk		0.9205	0.0795	0.8749	0.7476	0.4316
diabetic		0.5558	0.2962	0.4213	0.1548	0.6674
diabetic1%		0.5980	0.2680	0.4422	0.2274	0.6321
diabetic10%		0.4902	0.3399	0.3849	0.0403	0.6705
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6967	0.1213	0.7087	0.5612	0.2899
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5000	0.5000	0.4701	-0.0588	1.0000
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.6257	0.0057	0.0267
dorothea		0.9478	0.0522	0.8382	0.6717	0.4410
dota2		0.5572	0.4428	0.5556	0.1112	0.9634
dota210%		0.5485	0.4515	0.5457	0.0912	0.9698
drebin		0.9415	0.0585	0.9381	0.8756	0.3145
dropout		0.7472	0.1685	0.6575	0.5764	0.4960

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.3617	0.1824	0.1391	0.0185	0.4841
drug-02		0.4681	0.1520	0.1595	0.1036	0.6908
drug-03		0.6543	0.0988	0.1430	0.0067	0.4030
drug-04		0.4681	0.1520	0.1770	0.0725	0.7515
drug-05		0.7287	0.0775	0.1204	-0.0081	0.2227
drug-06		0.3298	0.1915	0.2245	0.1798	0.7082
drug-07		0.3883	0.1748	0.1357	-0.0008	0.4631
drug-08		0.5372	0.1322	0.2041	0.1305	0.5468
drug-09		0.8564	0.0410	0.1318	-0.0136	0.2895
drug-10		0.5266	0.1353	0.2041	0.0842	0.5922
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7872	0.0608	0.1258	-0.0070	0.2247
drug-13		0.5851	0.1185	0.1950	0.1977	0.4509
drug-14		0.5957	0.1155	0.2879	0.2798	0.5529
drug-15		0.7500	0.0714	0.1833	0.1533	0.4729
drug-16		0.5851	0.1185	0.2505	0.2938	0.4593
drug-17		0.3191	0.1945	0.2079	0.0875	0.7516
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1641	0.0451	0.2099
drybean		0.9229	0.0220	0.9373	0.9067	0.1268
ecoli		0.8235	0.0441	0.5245	0.7536	0.1141
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2500	0.3750	0.1942	-0.0123	0.5884
eeg		0.2382	0.0952	0.2579	0.1208	0.4052
eeg-eye		0.8652	0.1348	0.8636	0.7258	0.5194
eeg10%		0.2521	0.0935	0.2314	0.1723	0.7699
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.7397	0.1041	0.7146	0.6638	0.3130
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq		0.9783	0.0217	0.9782	0.9564	0.1388
exon.vs.intron-freq10%		0.9528	0.0472	0.9530	0.9051	0.2440
fakenews		0.5075	0.4925	0.6028	0.0051	0.5275
farm-ads		0.8816	0.1184	0.8823	0.7605	0.4621
fbis-wc		0.7602	0.0282	0.7192	0.7268	0.1930
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5882	0.4118	0.6425	0.0947	0.5112
financial-risk		0.7015	0.0995	0.4419	0.4916	0.2440
fishcatch		0.8125	0.0625	0.8486	0.7659	0.1160
flags		0.6500	0.0875	0.3793	0.5597	0.1873
fonts		0.5183	0.0063	0.2429	0.4843	0.2351
fonts10%		0.4880	0.0067	0.1632	0.4514	0.2806
forest		0.9231	0.0385	0.9069	0.8937	0.0884
gas		0.9885	0.0038	0.9881	0.9860	0.0296
gastrointestinal		0.8750	0.0833	0.9107	0.8049	0.1750
gender		0.5895	0.2737	0.4465	0.0065	0.3493
gene		0.9432	0.0379	0.9367	0.9093	0.1584
german		0.7200	0.2800	0.6723	0.2911	0.7145
gestures		0.4546	0.2727	0.3748	0.2717	0.3244
gina		0.8790	0.1210	0.8791	0.7579	0.4891
gisette		0.9543	0.0457	0.9543	0.9086	0.2490
glass		0.7619	0.0794	0.7208	0.6708	0.2563
glass-g2		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP		0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8776	0.7551	0.4910
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4667	0.2667	0.4872	0.2771	0.5737
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7000	0.3000	0.4118	-0.0630	0.7714
hapt		0.9186	0.0136	0.8540	0.9038	0.0938
har		0.4332	0.2267	0.4089	0.2248	0.3235
har70		0.9196	0.0230	0.6856	0.8810	0.1185
har701%		0.9102	0.0257	0.5365	0.8677	0.1253
har7010%		0.9153	0.0242	0.6152	0.8749	0.1195
harth		0.8709	0.0215	0.6213	0.8234	0.1544
harth1%		0.8626	0.0229	0.5848	0.8122	0.1662
harth10%		0.8683	0.0219	0.5999	0.8200	0.1565
hayes-roth		0.6875	0.2083	0.7612	0.5152	0.3343
hcc-survival		0.7059	0.2941	0.7286	0.4295	0.7316
health-activity		0.7700	0.1150	0.2892	0.0519	0.2818
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.8387	0.1613	0.8466	0.6804	0.5410
heart-c		0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure		0.9700	0.0300	0.9653	0.9288	0.1404
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass		0.8013	0.1987	0.8116	0.6026	0.5922
hepmass1%		0.8115	0.1885	0.8195	0.6223	0.5837
hepmass10%		0.8031	0.1969	0.8122	0.6057	0.5948
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.5522	0.4478	0.5928	0.0501	0.5948
higgs0.1%		0.5555	0.4445	0.5864	0.0579	0.6293
higgs1%		0.5543	0.4457	0.5979	0.0531	0.5874
higgs10%		0.5525	0.4475	0.5976	0.0529	0.5879
higher		0.2857	0.1786	0.2315	0.1566	0.2877
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8820	0.1180	0.7686	0.5222	0.5700
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.6111	0.2593	0.5223	0.2706	0.6071
hotel-reservartions		0.7834	0.2166	0.7411	0.4487	0.6484
hr		0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor		0.9998	0.0002	0.9998	0.9997	0.0016
ht-sensor10%		0.9203	0.0531	0.9271	0.8808	0.1659
htru2		0.9799	0.0201	0.9375	0.8736	0.2146
hypothyroid		0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
ilpd		0.7458	0.2542	0.6570	0.2937	0.7766
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere		0.9429	0.0571	0.9404	0.8736	0.2987
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8703	0.0100	0.8748	0.8652	0.1071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.8163	0.1837	0.6337	0.1163	0.4816
jvowels		0.9488	0.0114	0.9472	0.9419	0.0818
kc1		0.8768	0.1232	0.7234	0.3800	0.5034
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.5714	0.0357	0.0620	0.2500	0.2142
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7500	0.2500	0.6126	0.2248	0.8173
kdc-4007		0.7781	0.0555	0.7118	0.7409	0.2326
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9351	0.0649	0.5051	0.0074	0.6165
kddcup99		1.0000	0.0000	0.7690	0.9999	0.0003
kddcup991%		0.9984	0.0001	0.4953	0.9973	0.0075
kddcup9910%		0.9998	0.0000	0.6928	0.9996	0.0024
kepler		0.8368	0.1088	0.7951	0.7255	0.2355
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7679	0.0258	0.7929	0.7405	0.2542
krvskp		0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc		0.7365	0.0878	0.7158	0.6626	0.3685
la2s-wc		0.7616	0.0795	0.7605	0.6917	0.3263
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6765	0.0162	0.3713	0.6600	0.0624
led24		0.7000	0.0600	0.6574	0.6620	0.1230
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9325	0.0052	0.9324	0.9298	0.0782
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.9444	0.0074	0.9583	0.9403	0.0273
linkage		1.0000	0.0000	0.9992	0.9983	0.0054
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0001
liver		0.6471	0.3529	0.6361	0.2635	0.8463
loan		0.9836	0.0164	0.9827	0.9652	0.1231
localization		0.7213	0.0507	0.4995	0.6410	0.3527
localization10%		0.6226	0.0686	0.3902	0.5026	0.4337
lrs		0.8113	0.0377	0.4332	0.7358	0.1371
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.5231	0.4769	0.5234	0.0462	0.9809
magic04		0.8574	0.1426	0.8411	0.6801	0.5535
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8235	0.6458	0.6162
marketing		0.8795	0.1205	0.7113	0.3259	0.4539
maternal		0.7525	0.1650	0.7643	0.6261	0.4404
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.8333	0.0833	0.8333	0.7778	0.1667
mental-health		0.2133	0.3147	0.1700	0.0049	0.5031

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6696	0.3304	0.6673	0.3338	0.8560
meter-A			0.8750	0.1250	0.8873	0.7500	0.4011
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8889	0.0556	0.8784	0.8448	0.1220
meter-D			0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac			0.9700	0.0060	0.9705	0.9667	0.0377
mfeat-fou			0.7700	0.0460	0.7703	0.7444	0.1902
mfeat-kar			0.9300	0.0140	0.9314	0.9222	0.0858
mfeat-mor			0.6850	0.0630	0.6824	0.6500	0.2017
mfeat-pix			0.9400	0.0120	0.9417	0.9333	0.0672
mfeat-zer			0.7200	0.0560	0.7336	0.6889	0.1822
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5588	0.1765	0.5425	0.4475	0.4034
mobile			0.8741	0.0045	0.8837	0.8718	0.0566
monks-1			1.0000	0.0000	1.0000	1.0000	0.0000
monks-2			0.9180	0.0820	0.9116	0.8076	0.2404
monks-3			0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.3622	0.1160	0.3687	0.1702	0.3578
musk			0.9515	0.0485	0.9024	0.7965	0.2705
MUT_ci300400a_cdk_ECFP2			0.5935	0.4065	0.5989	0.0318	0.5457
MUT_ci300400a_cdk_ECFP4			0.6024	0.3976	0.6231	0.0541	0.5254
MUT_ci300400a_cdk_ECFP6			0.6766	0.3234	0.6956	0.3705	0.7862
MUT_ci300400a_cdk_ESTATE			0.6966	0.3034	0.6986	0.3923	0.8109
MUT_ci300400a_cdk_EXTENDED			0.7542	0.2458	0.7603	0.5107	0.7170
MUT_ci300400a_cdk_FCFP2			0.5844	0.4156	0.6141	0.0034	0.5066
MUT_ci300400a_cdk_FCFP4			0.5887	0.4113	0.6187	0.0167	0.5057
MUT_ci300400a_cdk_FCFP6			0.6331	0.3669	0.6198	0.1560	0.7114
MUT_ci300400a_cdk_MACCS			0.7254	0.2746	0.7131	0.4210	0.7837
MUT_ci300400a_cdk_PUBCHEM			0.6240	0.3760	0.6793	0.2979	0.7231
MUT_ci300400a_cdk_STANDARD			0.7856	0.2144	0.7804	0.5607	0.6963
MUT_ci300400a_rdkit_descriptors			0.5952	0.4048	0.6109	0.0594	0.5622
myocardial			0.8882	0.0279	0.3966	0.4318	0.0922
naticusdroid			0.9748	0.0252	0.9748	0.9495	0.1585
NCI60			0.6667	0.1111	0.5714	0.6000	0.1060
nci9			0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA			0.9092	0.0096	0.5248	0.7238	0.1284
ncRNA1%			0.9068	0.0098	0.4821	0.7236	0.2528
ncRNA10%			0.9086	0.0096	0.5044	0.7230	0.2053
neo			0.9108	0.0892	0.6764	0.1658	0.3054
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.7773	0.0101	0.7924	0.7699	0.1665
newspop			0.5961	0.4039	0.5933	0.1863	0.9328
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9675	0.0325	0.9599	0.9197	0.2076
NPHA-doctor-visits			0.4722	0.3519	0.3637	0.0029	0.7148
nursery			0.9961	0.0015	0.7976	0.9943	0.0108
obesity			0.8673	0.0379	0.8673	0.8451	0.1532
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9947	0.0053	0.9925	0.9850	0.0673
Occupancy_Estimation			0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc			0.9010	0.0198	0.9099	0.8862	0.0871
oh10-wc			0.7524	0.0495	0.7675	0.7173	0.2116
oh15-wc			0.8370	0.0326	0.8425	0.8142	0.1523
oh5-wc			0.7582	0.0484	0.8025	0.7259	0.1957

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ohscal-wc			0.7670	0.0466	0.7539	0.7396	0.3016
olive			0.9474	0.0117	0.9298	0.9343	0.0332
opn310k			0.9235	0.0765	0.7313	0.4449	0.5545
opn310k10%			0.9323	0.0677	0.7507	0.4641	0.4675
opnat310k-hg16-17			0.9105	0.0895	0.6407	0.0382	0.2452
optdigits			0.9413	0.0117	0.9436	0.9347	0.0813
optdigitsZ			0.9964	0.0036	0.9889	0.9776	0.0175
orl			0.9250	0.0037	0.9250	0.9231	0.0144
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr			0.9209	0.0791	0.6211	0.1984	0.5790
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8351	0.1649	0.8122	0.6215	0.6081
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8492	0.1508	0.8536	0.6999	0.5365
p53-mutants			0.9946	0.0054	0.6395	0.2584	0.4959
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9835	0.0066	0.8456	0.9074	0.1438
parkinson			0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons			0.7536	0.2464	0.7305	0.4383	0.7087
parkinsons-small			0.9474	0.0526	0.9399	0.8725	0.3145
particle			0.9234	0.0766	0.9051	0.8103	0.4033
particle10%			0.9123	0.0877	0.8914	0.7829	0.4408
pasture			1.0000	0.0000	1.0000	1.0000	0.0000
pc1			0.9279	0.0721	0.6277	0.1763	0.4947
pcmac			0.5103	0.4897	0.4957	-0.0085	0.9925
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.7895	0.2105	0.7294	0.4576	0.7342
pediatric-leukemia			0.8529	0.0420	0.8755	0.8195	0.1311
pendigits			0.9891	0.0022	0.9890	0.9879	0.0202
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.7843	0.2157	0.7667	0.5036	0.6283
personalities			0.5565	0.0554	0.5908	0.5269	0.4479
pet-adoption			0.9350	0.0650	0.9263	0.8477	0.2815
phishing			0.9633	0.0367	0.9615	0.9222	0.1956
PhiUSIIL			1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.9846	0.0044	0.9838	0.9820	0.0167
phone-acc0.1%			0.9204	0.0228	0.9163	0.9069	0.0939
phone-acc1%			0.9930	0.0020	0.9927	0.9919	0.0168
phone-acc10%			0.9988	0.0003	0.9987	0.9986	0.0035
phone-gyr			0.9835	0.0047	0.9823	0.9808	0.0180
phone-gyr0.1%			0.9390	0.0174	0.9346	0.9286	0.0777
phone-gyr1%			0.9928	0.0021	0.9922	0.9915	0.0164
phone-gyr10%			0.9990	0.0003	0.9990	0.9989	0.0029
phoneme			0.8759	0.1241	0.8502	0.6998	0.5471
phy			0.6474	0.3526	0.6474	0.2947	0.8828
pima			0.7105	0.2895	0.6891	0.3724	0.8092
pirvision			0.9922	0.0052	0.9863	0.9748	0.0170
placement			0.7780	0.2220	0.7717	0.5434	0.7099
plant-growth			0.7895	0.2105	0.7889	0.5778	0.6844
plrx			0.6111	0.3889	0.4834	-0.0328	0.9365
poker			0.7803	0.0439	0.3155	0.5891	0.1757
poker1%			0.6400	0.0720	0.1730	0.3147	0.2253
poker10%			0.7179	0.0564	0.2177	0.4682	0.1964
polish-1st			0.9787	0.0213	0.8349	0.6061	0.0714
polish-2nd			0.9685	0.0315	0.7455	0.3245	0.0960
polish-3rd			0.9543	0.0457	0.6538	0.2113	0.4104

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9684	0.0316	0.8189	0.6111	0.3297
polish-5th			0.9560	0.0440	0.8042	0.5842	0.3899
polya			0.7330	0.2670	0.7023	0.4026	0.7923
popularity			0.6045	0.2636	0.3686	0.1156	0.5618
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9894	0.0043	0.9892	0.9867	0.0309
pred-tox_mutagen_ref-desc			0.5735	0.4265	0.6030	0.1471	0.7768
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4242	0.0523	0.1767	0.3482	0.2329
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.7463	0.2537	0.7158	0.4314	0.7768
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9921	0.0032	0.9867	0.9894	0.0249
puc-rio10%			0.9795	0.0082	0.9598	0.9725	0.0569
pufs-128			0.5006	0.4994	0.5007	0.0012	0.9596
pufs-1281%			0.4922	0.5078	0.4916	-0.0155	0.9802
pufs-12810%			0.5011	0.4989	0.5013	0.0023	0.9729
pufs-64			0.5014	0.4986	0.5015	0.0027	0.9713
pufs-641%			0.5025	0.4975	0.5025	0.0047	0.9770
pufs-6410%			0.5006	0.4994	0.5006	0.0011	0.9749
pulsar			0.9824	0.0176	0.9458	0.8886	0.1431
raisin			0.8667	0.1333	0.8681	0.7333	0.5084
rcv1			0.2385	0.0419	0.0180	-0.0101	0.2739
rcv11%			0.7333	0.0101	0.3276	0.6968	0.2195
rcv110%			0.2493	0.0283	0.0939	0.0091	0.3120
re0-wc			0.7733	0.0349	0.7668	0.7055	0.3490
re1-wc			0.8072	0.0154	0.7027	0.7790	0.1631
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8892	0.0034	0.4684	0.8482	0.2372
rice			0.9863	0.0137	0.9861	0.9722	0.0986
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.9959	0.0007	0.9747	0.9896	0.0057
satimage			0.8849	0.0384	0.8661	0.8576	0.1748
satimageF			0.9876	0.0124	0.9679	0.9359	0.1750
satimageT			0.9362	0.0638	0.7985	0.5625	0.3921
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			1.0000	0.0000	1.0000	1.0000	0.0000
schizo			0.4118	0.5882	0.4054	-0.1765	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.6217	0.1485	0.4505
secondary_mushroom			0.6091	0.3909	0.7020	0.2719	0.5225
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9740	0.0074	0.9772	0.9696	0.0351
segmentation			0.7327	0.2673	0.7720	0.4900	0.6142
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9380	0.0620	0.6847	0.1046	0.1594
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8579	0.1421	0.4618	-0.0199	0.5487
sens-10-gram			0.8583	0.1417	0.5427	0.0379	0.5724
sens-2-gram			0.8763	0.1237	0.6487	0.1479	0.4234
sens-3-gram			0.8605	0.1395	0.5435	0.0391	0.5724
sens-4-gram			0.8605	0.1395	0.5894	0.1319	0.6470
sens-5-gram			0.8684	0.1316	0.6071	0.1284	0.5533
sens-6-gram			0.8605	0.1395	0.5591	0.0641	0.5968

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8605	0.1395	0.5591	0.0641	0.5968
sens-8-gram			0.8632	0.1368	0.5795	0.0936	0.5903
sens-9-gram			0.8684	0.1316	0.6071	0.1284	0.5533
sensorless			0.9918	0.0015	0.9918	0.9910	0.0158
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8881	0.1119	0.7680	0.5302	0.5944
shuttle			0.9997	0.0001	0.9837	0.9990	0.0139
sick			0.9788	0.0212	0.9084	0.7987	0.0728
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9996	0.0004	0.9993	0.9986	0.0102
skin10%			0.9996	0.0004	0.9994	0.9988	0.0098
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1048	0.0011	0.4258
smk_can_187			0.7895	0.2105	0.7889	0.5778	0.6844
smoking			0.6983	0.3017	0.7533	0.4377	0.6109
soil_pollution			0.2100	0.3160	0.2210	0.0043	0.4109
solar-flare			0.7770	0.0743	0.6345	0.7132	0.1697
sonar			0.6500	0.3500	0.6508	0.3000	0.8761
soybean			0.9559	0.0046	0.9674	0.9516	0.0223
spam-detection			0.9550	0.0450	0.8701	0.7396	0.4607
spambase			0.9413	0.0587	0.9385	0.8762	0.2928
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer			0.6038	0.0165	0.3089	0.5814	0.0940
splice-EI			0.9811	0.0189	0.9752	0.9503	0.1652
splice-IE			0.9495	0.0505	0.9326	0.8640	0.3386
sport-articles			0.8100	0.1900	0.8002	0.5992	0.6575
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8935	0.0710	0.8674	0.8277	0.2439
steel-b			0.8205	0.1795	0.7046	0.4005	0.7070
steel-d			0.9795	0.0205	0.8028	0.5899	0.3873
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.7436	0.2564	0.7159	0.4316	0.7795
steel-p			0.9179	0.0821	0.6957	0.3853	0.6193
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9897	0.0103	0.9708	0.9417	0.1621
stellar			0.9598	0.0268	0.9534	0.9277	0.1178
stock			0.8403	0.1597	0.6705	0.2452	0.5418
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9940	0.0060	0.9940	0.9879	0.0407
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.6350	0.1460	0.3465	0.3960	0.4130
student-depression			0.8194	0.1806	0.8124	0.6232	0.6278
student-habits			0.3900	0.2440	0.2482	0.0209	0.3213
student-weekend			0.4000	0.2400	0.3161	0.1383	0.6750
student-workday			0.7031	0.1187	0.2358	0.1485	0.4139
studentap			0.4615	0.3590	0.5141	0.1415	0.5894
susy			0.7595	0.2405	0.7576	0.5098	0.7227
susy1%			0.7720	0.2280	0.7705	0.5351	0.7000
susy10%			0.7653	0.2347	0.7629	0.5247	0.7244
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.6000	0.2667	0.6667	0.4000	0.4056
telco-churn			0.8423	0.1577	0.7840	0.5347	0.5377
texture			0.9564	0.0079	0.9593	0.9519	0.0576

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.8631	0.1369	0.8087	0.6142	0.5837
tis10%			0.7164	0.2836	0.5941	0.1863	0.8513
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4545	0.6364	0.0779
tox_171			0.8235	0.0882	0.8709	0.7671	0.1047
toxicity			0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f			0.8824	0.1176	0.8759	0.7213	0.2987
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6667	0.3333	0.4712	-0.0540	0.9098
trec11-wc			0.8049	0.0434	0.7276	0.7563	0.1772
trec12-wc			0.8387	0.0403	0.8169	0.8053	0.1009
trec21-wc			0.8182	0.0606	0.4642	0.5417	0.1017
trec23-wc			0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc			0.9785	0.0061	0.8441	0.9715	0.0472
trec41-wc			0.9545	0.0091	0.9320	0.9447	0.0702
trec45-wc			0.9275	0.0145	0.8284	0.9154	0.0577
tuandromd			0.9821	0.0179	0.9722	0.9443	0.1640
turkish			0.7500	0.1250	0.7444	0.6667	0.3178
tvnews			0.9457	0.0543	0.9412	0.8817	0.2787
tvnews1%			0.9077	0.0923	0.9020	0.8035	0.4268
tvnews10%			0.8813	0.1187	0.8723	0.7447	0.5003
ur3_cobotops_grip			0.9741	0.0259	0.7430	0.4138	0.3208
ur3_cobotops_stop			0.9728	0.0272	0.7705	0.5110	0.3957
urban			0.8358	0.0365	0.8370	0.8076	0.1518
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%			0.9695	0.0305	0.9671	0.9329	0.2042
ustilago			0.9903	0.0097	0.6678	0.0099	0.0374
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7381	0.1310	0.7025	0.6487	0.1666
vehicleVAN			0.9762	0.0238	0.9701	0.9385	0.2027
voice			0.6667	0.3333	0.6769	0.3333	0.7930
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6061	0.0716	0.6528	0.5667	0.2254
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9088	0.0912	0.5260	0.0011	0.2421
wap-wc			0.7821	0.0218	0.6871	0.7552	0.1611
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.9999	0.0000	0.9999	0.9999	0.0003
watch-acc1%			0.9887	0.0032	0.9885	0.9868	0.0258
watch-acc10%			0.9993	0.0002	0.9992	0.9991	0.0023
watch-gyr			0.9999	0.0000	0.9999	0.9999	0.0003
watch-gyr1%			0.9900	0.0029	0.9898	0.9883	0.0230
watch-gyr10%			0.9993	0.0002	0.9993	0.9992	0.0022
water_pollution			0.2600	0.3700	0.2159	0.0002	0.4327
waveform			0.7840	0.1440	0.7841	0.6760	0.4529
weather-related			0.5865	0.0752	0.5368	0.5096	0.2010
web-phishing			0.8593	0.0938	0.8150	0.7493	0.3913
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9975	0.0010	0.9973	0.9968	0.0084
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9855	0.0145	0.9195	0.8369	0.2405
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6730	0.1090	0.3318	0.4655	0.3517
winequality-white			0.6503	0.0999	0.3678	0.4615	0.4649
winnipeg			0.9781	0.0063	0.9735	0.9723	0.0487
winnipeg10%			0.9856	0.0041	0.9882	0.9817	0.0292
wisc_bc			0.9474	0.0526	0.9478	0.8902	0.2605
yale			0.6875	0.0417	0.6532	0.6667	0.0607
yeast			0.5878	0.0824	0.4078	0.4654	0.3215
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9527	0.0473	0.6386	0.2055	0.4689
zip			0.9237	0.0153	0.9162	0.9144	0.1186

Table 178: Detailed results for RF-TSMC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone19		0.6435	0.3565	0.4946	-0.0008	0.0623
abalone9-18		0.7671	0.2329	0.6509	0.1873	0.4207
accelerometer		0.6696	0.3304	0.6348	0.0609	0.1369
accident		0.5500	0.4500	0.6393	0.1000	0.5239
ads		0.1402	0.8598	0.1230	0.0000	0.3071
adult		0.6890	0.3110	0.7292	0.3841	0.6222
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.4683	0.5317	0.5809	0.0705	0.3724
AID_1431_KlekotaRothFingerprinter		0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_MACCSFingerprinter		0.5238	0.4762	0.4673	-0.0336	0.4597
AID_1878		0.5810	0.4190	0.5315	0.0525	0.7380
AID_602330		0.4583	0.5417	0.5538	0.0280	0.2159
AID_652128		0.3636	0.4242	0.4263	0.0635	0.3810
AID1284Morered		0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red		0.6389	0.3611	0.5906	0.1397	0.6349
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.3786	0.6214	0.5085	0.0048	0.2763
AID362red		0.7944	0.2056	0.4917	-0.0041	0.1551
AID373AID439red		0.2524	0.7476	0.5561	0.0001	0.0006
AID373red		0.9520	0.0480	0.5645	0.0118	0.0431
AID439Morered		0.8571	0.1429	0.8250	0.5882	0.5283
AID439red		0.7143	0.2857	0.7407	0.3636	0.5000
AID456red		0.4940	0.5060	0.4525	-0.0020	0.0242
AID604		0.6023	0.3977	0.5682	0.0055	0.0285
AID604AID644_AllRed		0.5626	0.4374	0.5152	0.0003	0.0087
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.6000	0.4000	0.5238	0.0476	0.9294
AID687AID721red		0.5723	0.4277	0.6117	0.0016	0.0041
AID687red		0.8328	0.1672	0.4829	-0.0023	0.0423
AID688red		0.3990	0.6010	0.4779	-0.0025	0.0590
AID721morered		0.8889	0.1111	0.8784	0.7273	0.4644
AID721red		0.6667	0.3333	0.5950	0.1818	0.8134
AID746AID1284red		0.8048	0.1952	0.5965	0.0048	0.0145
AID746red		0.4615	0.5385	0.5605	0.0059	0.0366
aids		0.7700	0.2300	0.7746	0.5029	0.6261
air_pollution		0.1133	0.2533	0.1232	-0.0240	0.8351
airline		0.8447	0.1553	0.8423	0.6785	0.5512
alcohol		0.5619	0.1752	0.3366	0.2350	0.6341
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6698	0.3302	0.6857	0.3493	0.7862
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.8665	0.1335	0.6754	0.0969	0.1510
anuran-family		0.8442	0.0779	0.7548	0.7340	0.4085
anuran-genus		0.8595	0.0351	0.7737	0.7873	0.4308
anuran-species		0.9431	0.0114	0.8605	0.9207	0.1130
anxiety		0.1750	0.1833	0.1582	0.0670	0.6468
apple-quality		0.7125	0.2875	0.7126	0.4250	0.8042
aps-failure		0.9471	0.0529	0.7475	0.3692	0.4511
arabidopsis		0.8434	0.1566	0.5121	0.0047	0.1129
arabidopsis0.1%		0.9118	0.0882	0.4769	-0.0161	0.1726
arabidopsis1%		0.4102	0.5898	0.5359	0.0040	0.0467
arabidopsis10%		0.0181	0.9819	0.5046	0.0002	0.0230
arcene		0.7000	0.3000	0.7292	0.4231	0.7161
auction		0.7255	0.2745	0.7187	0.3343	0.5386
audit-risk		0.9359	0.0641	0.9386	0.8697	0.2794

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9429	0.0571	0.9363	0.8645	0.3231
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7000	0.1200	0.7633	0.6273	0.2484
balance		0.5968	0.2688	0.6109	0.4195	0.3826
bank		0.8475	0.1525	0.6754	0.3436	0.6894
banknote		0.9562	0.0438	0.9579	0.9122	0.2070
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8134	0.1866	0.7939	0.5849	0.6486
basehock		0.4975	0.5025	0.3322	0.0000	0.5286
bio		0.9907	0.0093	0.8027	0.5877	0.5350
bio10%		0.9904	0.0096	0.8025	0.5836	0.5370
biodeg		0.7238	0.2762	0.6992	0.3940	0.7961
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
body-perf		0.5224	0.2388	0.5104	0.3632	0.6023
brain-tumor		0.4920	0.5080	0.4919	-0.0148	0.9764
breast-cancer		0.5357	0.4643	0.6826	0.2353	0.5189
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bub10at310k-hg16-17		0.7889	0.2111	0.6788	0.2887	0.5703
bub12at310k-hg16-17		0.8056	0.1944	0.6850	0.3088	0.5850
bub8at310k-hg16-17		0.8152	0.1848	0.6913	0.3247	0.5913
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4880	0.3413	0.3646	0.0390	0.6843
car		0.7989	0.1006	0.5358	0.5708	0.3125
car-insurance		0.7360	0.2640	0.7457	0.4628	0.7004
card		0.8551	0.1449	0.8510	0.6968	0.5304
cardiotocography		0.5399	0.0920	0.6181	0.4818	0.4312
cardiotocography-nsp		0.7934	0.1377	0.7112	0.5403	0.5406
cardiovascular		0.5960	0.4040	0.6319	0.1924	0.7389
cargo2k		0.5990	0.2673	0.6857	0.3897	0.3448
cars		0.7500	0.1667	0.6791	0.5614	0.4143
cas_N6512_cdk_ECFP2		0.5192	0.4808	0.5714	0.0896	0.7743
cas_N6512_rdkit_ATOMPAIR		0.4600	0.5400	0.4418	-0.0035	0.5730
cas_N6512_RDkit_AtomPair_FP		0.4939	0.5061	0.5421	0.0450	0.7713
cas_N6512_rdkit_AVALON		0.5622	0.4378	0.5557	0.1106	0.9596
cas_N6512_RDkit_Avalon_FP		0.5629	0.4371	0.5513	0.0933	0.9296
cas_N6512_rdkit_descriptors		0.5492	0.4508	0.5412	0.0811	0.9673
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5798	0.4202	0.5902	0.1729	0.9154
cas_N6512_rdkit_LAYERED		0.5831	0.4169	0.6105	0.1925	0.8491
cas_N6512_RDkit_Layered_FP		0.5828	0.4172	0.5871	0.1717	0.9310
cas_N6512_rdkit_MACCS		0.6636	0.3364	0.6605	0.3206	0.8662
cas_N6512_RDkit_MACCS_FP		0.6288	0.3712	0.6272	0.2288	0.8436
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.5769	0.4231	0.5703	0.1096	0.8528
cas_N6512_RDkit_pattern_FP		0.5537	0.4463	0.5393	0.0647	0.9056
cas_N6512_rdkit_RDKITFP		0.5469	0.4531	0.5541	0.1050	0.9509
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.9600	0.0400	0.4898	-0.0004	0.1512
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.8848	0.1152	0.5009	0.0016	0.5049
cdc_diabetes		0.4264	0.3824	0.4295	0.1207	0.4439
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.6680	0.3320	0.6039	0.0889	0.3023
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.4564	0.5436	0.5715	0.0419	0.2367
CDS49_AID687_Rdkit-ecfp4-fp		0.5584	0.4416	0.4827	-0.0007	0.0205
census		0.7410	0.2590	0.6477	0.1858	0.4383
census10%		0.1912	0.8088	0.5516	0.0191	0.1734
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.3953	0.6047	0.5608	0.0403	0.2934
cervical-C		0.0581	0.9419	0.0549	0.0000	0.1495
cervical-H		0.1395	0.8605	0.5370	0.0100	0.1336
cervical-S		0.0930	0.9070	0.0851	0.0000	0.2234
children-anemia		0.5746	0.2127	0.3793	0.3694	0.5348
chrom19		0.9638	0.0362	0.6672	0.0456	0.0687
chrom191%		0.9506	0.0494	0.6712	0.0433	0.0641
chrom1910%		0.9787	0.0213	0.6771	0.0840	0.1221
chrom2110%		0.0002	0.9998	0.0002	0.0000	0.0007
chronic-kidney		0.5783	0.4217	0.5806	0.0820	0.4085
churn		0.7190	0.2810	0.6592	0.2995	0.7520
churn-bigml		0.5880	0.4120	0.6196	0.1650	0.5783
ci900367j_MACCS		0.5263	0.4737	0.5419	0.0785	0.9251
circles		0.9620	0.0008	0.9642	0.9616	0.0177
cirrhosis		0.6667	0.2222	0.5900	0.4096	0.5639
cjs		0.2500	0.2500	0.2951	0.1322	0.4621
ckd		0.9500	0.0500	0.9461	0.8864	0.1761
clave		0.5324	0.2338	0.4602	0.3427	0.6359
climate		0.7778	0.2222	0.6014	0.1562	0.5439
cm1		0.7200	0.2800	0.6154	0.1765	0.5752
cmc		0.5374	0.3084	0.5142	0.2871	0.7182
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.5457	0.0826	0.5094	0.4777	0.5585
coil20		0.5972	0.0403	0.6790	0.5762	0.1605
college		0.8831	0.1169	0.8673	0.7258	0.5165
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7241	0.2759	0.7108	0.4171	0.7845
colposcopies-2		0.6897	0.3103	0.6913	0.3741	0.8086
colposcopies-3		0.5862	0.4138	0.5971	0.1869	0.9040
colposcopies-4		0.6552	0.3448	0.6327	0.2526	0.8193
colposcopies-5		0.6897	0.3103	0.6245	0.2209	0.7190
colposcopies-6		0.7931	0.2069	0.8199	0.5797	0.4308
colposcopies-c		0.6897	0.3103	0.6729	0.3185	0.7505
column-2c		0.8387	0.1613	0.8565	0.6737	0.4644
column-3c		0.7742	0.1505	0.7920	0.6472	0.3084
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%		0.4827	0.5173	0.3256	0.0000	0.5300
connect-4		0.9685	0.0210	0.5908	0.3423	0.2916
cottonmeloidogyne		0.6322	0.3678	0.6321	0.2641	0.8982
coupon		0.4345	0.5655	0.5084	0.0017	0.5999
covtype		0.1181	0.2520	0.2381	0.0212	0.6821
covtype10%		0.5065	0.1410	0.2965	0.1960	0.6767
covtypeCD		0.7316	0.2684	0.7386	0.3689	0.5252
covtypeT		0.7483	0.2517	0.6967	0.2544	0.4331
crabs		0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans		0.9991	0.0009	0.8721	0.7424	0.4275
creditcard_trans10%		0.9965	0.0035	0.7567	0.4430	0.5022
crowdsourced		0.5935	0.1355	0.5999	0.4211	0.4715
cryotherapy		0.5556	0.4444	0.5500	0.1000	0.9644
customer-churn		0.8996	0.1004	0.6824	0.2190	0.3589
cybersecurity		0.1600	0.2800	0.1581	-0.0036	0.6508
cyclopentane		0.5556	0.4444	0.5500	0.1000	0.9644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cylinder-bands		0.6296	0.3704	0.6311	0.2593	0.8883
darwin		0.7778	0.2222	0.7778	0.5556	0.7044
dating		0.0994	0.1801	0.0957	-0.0009	0.6549
dbworld		0.4286	0.5714	0.3000	0.0000	0.5288
default		0.5297	0.4703	0.5846	0.1275	0.7082
defect		0.6481	0.3519	0.6551	0.2389	0.6182
dementia		0.9900	0.0100	0.9901	0.9800	0.0680
deposit		0.4183	0.5817	0.6105	0.0978	0.3777
depressed		0.5594	0.4406	0.5788	0.1148	0.6482
dermatology		0.4865	0.1712	0.2313	0.3247	0.2928
dexter		0.5500	0.4500	0.5503	0.1000	0.9662
df_final		0.2500	0.5000	0.1333	0.0000	0.4234
DIA		0.6000	0.4000	0.5876	0.1579	0.8085
diabetes		0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k		0.8046	0.1954	0.6900	0.3072	0.5609
diabetes-risk		0.8523	0.1477	0.7782	0.5562	0.6488
diabetic		0.1586	0.5609	0.3406	0.0075	0.5247
diabetic1%		0.3824	0.4118	0.2873	-0.0614	0.6486
diabetic10%		0.1149	0.5900	0.2780	0.0010	0.4066
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.4859	0.2056	0.4168	0.3319	0.5657
dishonest		0.8750	0.1250	0.8545	0.7091	0.5349
dlbcl-harvard-outcome		0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford		0.6000	0.4000	0.5833	0.1667	0.9308
dna0.1%		0.8532	0.1468	0.4995	-0.0001	0.0434
dna1%		0.7330	0.2670	0.5131	0.0011	0.0301
dota2		0.5084	0.4916	0.5054	0.0107	0.9956
dota210%		0.5330	0.4670	0.5209	0.0320	0.9001
drebin		0.6361	0.3639	0.5638	0.0961	0.8346
dropout		0.6727	0.2182	0.6489	0.4934	0.5421
drug-01		0.1489	0.2432	0.1962	0.0301	0.8059
drug-02		0.3351	0.1900	0.2401	0.1534	0.6688
drug-03		0.1702	0.2766	0.2508	0.0312	0.6788
drug-04		0.2500	0.2143	0.2157	0.1024	0.7281
drug-06		0.3457	0.1869	0.3213	0.2294	0.6512
drug-08		0.3298	0.1915	0.2089	0.1333	0.8054
drug-10		0.3245	0.1930	0.1810	0.1053	0.7673
drug-11		0.4840	0.1474	0.1863	0.0532	0.6676
drug-12		0.3723	0.2092	0.3458	0.1310	0.5557
drug-13		0.4521	0.1565	0.2108	0.1722	0.7776
drug-14		0.4096	0.1687	0.2369	0.1698	0.6838
drug-15		0.3723	0.1793	0.2151	0.0849	0.7171
drug-16		0.4202	0.1933	0.2905	0.2084	0.6667
drug-17		0.1809	0.2340	0.1874	0.0515	0.7716
drybean		0.8802	0.0342	0.8859	0.8553	0.1753
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.6667	0.3333	0.6084	0.1418	0.5012
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2400	0.3800	0.0968	0.0000	0.4056
eeg		0.2047	0.0994	0.2752	0.1623	0.7133
eeg-eye		0.6188	0.3812	0.6137	0.2273	0.9132
eeg10%		0.2081	0.0990	0.2773	0.1647	0.6812
email_phishing		0.6335	0.3665	0.5347	0.0098	0.1058
eucalyptus		0.3699	0.2521	0.3386	0.2149	0.4187

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
euthyroid		0.9272	0.0728	0.7973	0.5945	0.5657
exon.vs.intron-freq10%		0.8290	0.1710	0.8318	0.6591	0.5923
fakenews		0.4900	0.5100	0.4692	-0.0104	0.6743
fertility		0.6000	0.4000	0.6774	0.2000	0.3900
finance		0.4314	0.5686	0.4388	-0.1179	1.0000
forest		0.8654	0.0673	0.8436	0.8156	0.1991
gas		0.8088	0.0637	0.8011	0.7691	0.2628
gastrointestinal		0.5625	0.2917	0.5763	0.3333	0.4986
gender		0.3053	0.4632	0.4534	0.1053	0.6024
gene		0.4827	0.3449	0.4718	0.1928	0.6158
german		0.3600	0.6400	0.5802	0.0108	0.5092
gestures		0.3836	0.3082	0.3903	0.1785	0.7299
gina		0.6427	0.3573	0.6478	0.2805	0.8501
gisette		0.6314	0.3686	0.6325	0.2629	0.8937
glass-g2		0.8125	0.1875	0.8416	0.6364	0.4644
glassBWFP		0.8095	0.1905	0.8132	0.6147	0.6219
glassBWNFP		0.7143	0.2857	0.6786	0.3571	0.8215
glassContainers		0.9545	0.0455	0.8986	0.7755	0.4644
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.6190	0.3810	0.6557	0.1250	0.2575
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.7738	0.2262	0.7993	0.5615	0.5939
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4667	0.2667	0.4694	0.2857	0.3947
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.8000	0.2000	0.7927	0.5588	0.6330
hapt		0.7402	0.0433	0.6473	0.6932	0.3042
har		0.5545	0.1782	0.5530	0.4341	0.5815
har70		0.5723	0.1222	0.5449	0.4856	0.3028
har701%		0.5602	0.1257	0.5291	0.4746	0.2951
har7010%		0.5474	0.1293	0.5451	0.4621	0.3046
harth		0.6898	0.0517	0.4335	0.5897	0.4276
harth1%		0.6782	0.0536	0.4371	0.5748	0.4243
harth10%		0.6716	0.0547	0.4324	0.5679	0.4284
hayes-roth		0.5625	0.2917	0.5994	0.3672	0.5347
hcc-survival		0.7059	0.2941	0.7043	0.4056	0.8063
health-activity		0.4400	0.2800	0.3222	0.1187	0.5314
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.7419	0.2581	0.7448	0.4855	0.7510
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8240	0.1760	0.8219	0.6263	0.5983
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.7849	0.2151	0.7894	0.5698	0.6643
hepmass1%		0.7893	0.2107	0.7939	0.5780	0.6536
hepmass10%		0.7954	0.2046	0.7976	0.5906	0.6583
hERG-121inputs		0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs		0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-9inputs		0.9231	0.0769	0.9110	0.8060	0.4011
higgs		0.5382	0.4618	0.5340	0.0678	0.9768
higgs0.1%		0.5364	0.4636	0.5443	0.0851	0.9548
higgs1%		0.5163	0.4837	0.5119	0.0238	0.9910
higgs10%		0.5591	0.4409	0.5528	0.0863	0.8897
hinselmann		0.3000	0.7000	0.2308	-0.4000	0.7622
hitters		0.7812	0.2188	0.8168	0.5725	0.4545
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0378	0.9622	0.5094	0.0002	0.0956

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
horse		0.5833	0.2778	0.6399	0.3987	0.5542
hotel-reservartions		0.6240	0.3760	0.6857	0.3093	0.7027
hr		0.2667	0.7333	0.5412	0.0269	0.3968
ht-sensor		0.6303	0.2465	0.6374	0.4498	0.5695
ht-sensor10%		0.6066	0.2623	0.6160	0.4138	0.5746
htru2		0.9682	0.0318	0.9068	0.8133	0.3806
hypothyroidT		0.8966	0.1034	0.8125	0.5493	0.5285
ilpd		0.5932	0.4068	0.6153	0.2036	0.8012
immuno-therapy		0.7778	0.2222	0.8000	0.5263	0.5283
instagram		0.9207	0.0397	0.9239	0.8942	0.1239
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.8200	0.1800	0.8255	0.6218	0.5189
isolet		0.5263	0.0364	0.5293	0.5074	0.3440
jm1		0.6915	0.3085	0.5904	0.1732	0.7924
jvowels		0.8133	0.0415	0.8058	0.7884	0.2464
kc1		0.7062	0.2938	0.6393	0.2420	0.6864
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc2		0.8462	0.1538	0.8221	0.6155	0.5822
kddcup98		0.3904	0.6096	0.5023	0.0012	0.2527
kddcup981%		0.8632	0.1368	0.6023	0.1739	0.5518
kddcup9810%		0.0743	0.9257	0.4898	-0.0015	0.1534
kepler		0.7301	0.1799	0.6902	0.5650	0.4827
kidney		0.1675	0.3330	0.1872	-0.0055	0.5677
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.2898	0.0789	0.3541	0.2250	0.7178
krvskp		0.5172	0.4828	0.6046	0.0734	0.5994
labor		0.6667	0.3333	0.7500	0.4000	0.5283
led24		0.5500	0.1000	0.5500	0.4915	0.2185
letter		0.7035	0.0228	0.7123	0.6915	0.2882
leukemia		0.7143	0.1905	0.6667	0.5625	0.2857
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.9167	0.0111	0.9275	0.9104	0.0362
linkage		0.9999	0.0001	0.9955	0.9909	0.0549
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.9999	0.0001	0.9930	0.9859	0.0866
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9532	0.0468	0.9507	0.9010	0.2675
localization		0.1136	0.1612	0.0823	0.0736	0.4706
localization10%		0.1092	0.1620	0.1588	0.0659	0.4773
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.5423	0.4577	0.5430	0.0846	0.9671
magic04		0.7712	0.2288	0.7413	0.4368	0.6281
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.7917	0.2083	0.7929	0.5773	0.6546
marketing		0.5223	0.4777	0.5981	0.1221	0.5508
maternal		0.5941	0.2706	0.6149	0.3895	0.5940
math		0.4500	0.2750	0.6047	0.3210	0.3485
mba		0.5645	0.2903	0.4535	0.1666	0.4977
mental-disorders		0.6667	0.1667	0.7273	0.5556	0.1934
mental-health		0.2333	0.3067	0.2115	0.0429	0.7250
messidor		0.5478	0.4522	0.5560	0.1088	0.9452
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9330	0.9241	0.0699

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-D		0.9444	0.0278	0.9583	0.9234	0.0743
mfeat-fac		0.8800	0.0240	0.8845	0.8667	0.1188
mfeat-fou		0.6300	0.0740	0.6314	0.5889	0.3592
mfeat-kar		0.8500	0.0300	0.8566	0.8333	0.1631
mfeat-mor		0.6650	0.0670	0.6423	0.6278	0.1987
mfeat-pix		0.8550	0.0290	0.8622	0.8389	0.1569
mfeat-zer		0.6450	0.0710	0.6433	0.6056	0.2809
mice-prot		0.9444	0.0139	0.9467	0.9364	0.0533
milk		0.9151	0.0566	0.9181	0.8686	0.1784
mines		0.5294	0.1882	0.4990	0.4100	0.4412
mobile		0.7692	0.0082	0.7800	0.7650	0.1063
monks-1		0.6727	0.3273	0.6988	0.3391	0.7028
monks-2		0.5410	0.4590	0.6210	0.1859	0.7508
monks-3		0.7857	0.2143	0.7854	0.5709	0.6908
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		0.8733	0.1267	0.8834	0.7441	0.3783
musk		0.7833	0.2167	0.6753	0.3337	0.7123
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5006	0.4994	0.5257	0.0464	0.9341
MUT_ci300400a_cdk_ESTATE		0.5815	0.4185	0.5144	0.0052	0.6375
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.6043	0.3957	0.5741	0.1371	0.9094
MUT_ci300400a_cdk_PUBCHEM		0.6311	0.3689	0.6219	0.2437	0.9010
MUT_ci300400a_cdk_STANDARD		0.5856	0.4144	0.5707	0.1413	0.9441
MUT_ci300400a_rdkit_descriptors		0.6190	0.3810	0.5958	0.1708	0.8722
myocardial		0.0412	0.2397	0.2588	0.0131	0.3400
naticusdroid		0.8554	0.1446	0.8586	0.7108	0.5214
ncRNA		0.7036	0.0312	0.4169	0.4564	0.9869
ncRNA1%		0.5911	0.0430	0.4045	0.3559	0.8846
ncRNA10%		0.5600	0.0463	0.4174	0.3385	0.9011
neo		0.7820	0.2180	0.7424	0.3705	0.5036
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5225	0.4775	0.5175	0.0348	0.9871
NHANES_age_prediction		0.9912	0.0088	0.9835	0.9670	0.1081
nomao		0.7824	0.2176	0.7923	0.5468	0.6168
NPHA-doctor-visits		0.3611	0.4259	0.3098	-0.0619	0.8023
nursery		0.6157	0.1921	0.6012	0.4553	0.4230
obesity		0.5450	0.1300	0.5928	0.4700	0.3306
obs		0.8333	0.0833	0.8577	0.7580	0.2884
occupancy		0.9723	0.0277	0.9639	0.9251	0.2345
Occupancy_Estimation		0.9506	0.0247	0.8774	0.8595	0.2705
olive		0.9298	0.0156	0.9174	0.9123	0.0441
opn310k		0.8448	0.1552	0.6975	0.3574	0.6222
opn310k10%		0.8303	0.1697	0.6932	0.3364	0.6018
opnat310k-hg16-17		0.8355	0.1645	0.6917	0.3414	0.6162
optdigits		0.7651	0.0470	0.7797	0.7391	0.2429
optdigitsZ		0.9662	0.0338	0.9154	0.8192	0.4254
ovarian-cancer		0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr		0.7826	0.2174	0.6943	0.1965	0.3077
ozone8hr		0.7787	0.2213	0.6390	0.2095	0.5306
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7371	0.2629	0.6984	0.3944	0.7912
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7937	0.2063	0.7976	0.5797	0.6276
p53-mutants		0.7584	0.2416	0.6353	0.0265	0.0544

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
p53-mutants10%			0.6656	0.3344	0.6284	0.0125	0.0267
page-blocks			0.9049	0.0380	0.7157	0.6408	0.5125
parkinson			0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons			0.6351	0.3649	0.6078	0.2153	0.9043
parkinsons-small			0.8421	0.1579	0.8508	0.6587	0.4882
particle			0.8194	0.1806	0.8069	0.5973	0.6248
particle10%			0.8469	0.1531	0.8256	0.6444	0.6007
pc1			0.7568	0.2432	0.5910	0.1321	0.5167
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.7500	0.2500	0.7210	0.4242	0.7296
pendigits			0.9108	0.0178	0.9134	0.9008	0.1161
period			0.5556	0.4444	0.6897	0.2500	0.5288
period-10f			0.3333	0.6667	0.3415	-0.2857	0.9644
persistency			0.7201	0.2799	0.7057	0.4109	0.8013
personalities			0.6332	0.0459	0.6370	0.6087	0.4425
pet-adoption			0.4700	0.5300	0.6354	0.1438	0.5647
phishing			0.9143	0.0857	0.9128	0.8136	0.2945
PhiUSIIL			0.9954	0.0046	0.9953	0.9905	0.0325
PhiUSIIL10%			0.9958	0.0042	0.9957	0.9913	0.0374
phone-acc			0.3617	0.1824	0.3463	0.2527	0.4460
phone-acc0.1%			0.4426	0.1593	0.4016	0.3505	0.5071
phone-acc1%			0.3544	0.1844	0.3809	0.2498	0.5835
phone-acc10%			0.3689	0.1803	0.3533	0.2592	0.5425
phone-gyr			0.4178	0.1663	0.4156	0.3209	0.5208
phone-gyr0.1%			0.3740	0.1789	0.3880	0.2684	0.5106
phone-gyr1%			0.3394	0.1887	0.3327	0.2310	0.4982
phone-gyr10%			0.4069	0.1695	0.4052	0.3089	0.4707
phoneme			0.7667	0.2333	0.7673	0.5056	0.6673
phy			0.5726	0.4274	0.6005	0.1483	0.7925
pima			0.7500	0.2500	0.7330	0.4612	0.7515
pirvision			0.9321	0.0453	0.8597	0.7990	0.2783
placement			0.7830	0.2170	0.7775	0.5550	0.7010
plant-growth			0.5263	0.4737	0.5444	0.0757	0.9099
plrx			0.4444	0.5556	0.4375	-0.1111	0.8920
poker			0.1354	0.1921	0.1117	0.0048	0.6904
poker1%			0.1893	0.2316	0.1177	0.0238	0.6627
poker10%			0.1512	0.2122	0.1386	-0.0033	0.6040
polish-1st			0.6501	0.3499	0.6097	0.0819	0.2597
polish-2nd			0.5929	0.4071	0.5710	0.0468	0.2484
polish-3rd			0.5914	0.4086	0.5789	0.0597	0.2866
polish-4th			0.7378	0.2622	0.6339	0.1523	0.3907
polish-5th			0.7699	0.2301	0.6321	0.1886	0.5005
polya			0.6357	0.3643	0.6447	0.2756	0.8402
popularity			0.4416	0.3723	0.4035	0.0845	0.7116
post-operative			0.7778	0.2222	0.7568	0.4000	0.4011
postures			0.6964	0.1214	0.6960	0.6207	0.4095
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6847	0.3529	0.8074
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
processed			0.8707	0.1293	0.8740	0.7281	0.4776
profb			0.7164	0.2836	0.6476	0.2629	0.7776
promoters			0.7000	0.3000	0.7674	0.4444	0.5112
prostate			0.5714	0.4286	0.5625	0.1250	0.9528
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.8840	0.0464	0.8365	0.8445	0.2296
puc-rio10%			0.8479	0.0608	0.7823	0.7971	0.2771
pufs-128			0.5007	0.4993	0.5007	0.0014	0.9976
pufs-1281%			0.5043	0.4957	0.5058	0.0089	0.9119

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-12810%			0.4985	0.5015	0.4985	-0.0030	0.9936
pufs-64			0.5005	0.4995	0.5005	0.0008	0.9623
pufs-641%			0.5062	0.4938	0.5075	0.0129	0.9476
pufs-6410%			0.4992	0.5008	0.4992	-0.0015	0.9901
pulsar			0.9697	0.0303	0.9153	0.8288	0.3828
raisin			0.8556	0.1444	0.8629	0.7111	0.4841
rejafada			0.7789	0.2211	0.6925	0.1914	0.3023
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.9863	0.0137	0.9861	0.9722	0.0959
rocket			0.6009	0.3991	0.5533	0.0805	0.8564
RT_IOT2022			0.8351	0.0275	0.4979	0.6392	0.2822
satimage			0.8243	0.0586	0.8104	0.7847	0.2484
satimageF			0.9782	0.0218	0.9420	0.8819	0.1881
satimageT			0.8180	0.1820	0.7272	0.3876	0.5847
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6765	0.3235	0.7092	0.3529	0.6751
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.7051	0.2949	0.5107	0.0132	0.4517
secondary_mushroom			0.5549	0.4451	0.5276	0.0450	0.9134
seeds			0.9048	0.0635	0.9152	0.8571	0.1726
segment			0.9048	0.0272	0.9140	0.8886	0.1060
segmentation			0.7921	0.2079	0.7881	0.5682	0.6720
segmentO			0.9697	0.0303	0.9472	0.8888	0.3193
seismic			0.5775	0.4225	0.6260	0.1133	0.3307
semeion			0.9560	0.0440	0.8700	0.7347	0.3673
sens-1-gram			0.5289	0.4711	0.5365	0.0468	0.5762
sens-10-gram			0.7375	0.2625	0.5934	0.1706	0.7057
sens-2-gram			0.7368	0.2632	0.5761	0.1403	0.7114
sens-3-gram			0.5868	0.4132	0.5606	0.0850	0.5990
sens-4-gram			0.4368	0.5632	0.5357	0.0379	0.5167
sens-5-gram			0.4763	0.5237	0.5024	0.0029	0.5666
sens-6-gram			0.6789	0.3211	0.5466	0.0794	0.6801
sens-7-gram			0.8079	0.1921	0.5688	0.1374	0.7671
sens-8-gram			0.7553	0.2447	0.5606	0.1165	0.7374
sens-9-gram			0.7368	0.2632	0.6010	0.1817	0.6936
sensorless			0.7850	0.0391	0.7891	0.7635	0.2110
sepsis			0.5869	0.4131	0.5871	0.0978	0.4543
shoppers			0.7388	0.2612	0.7055	0.3487	0.6284
sick			0.7374	0.2626	0.6690	0.2119	0.4312
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9195	0.0805	0.8930	0.7769	0.4608
skin10%			0.9134	0.0866	0.8828	0.7581	0.4829
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187			0.6842	0.3158	0.6910	0.3736	0.8166
smoking			0.6987	0.3013	0.7136	0.4056	0.7589
soil_pollution			0.2100	0.3160	0.1970	0.0173	0.6267
solar-flare			0.2446	0.2518	0.2692	0.1357	0.3867
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
spam-detection			0.7325	0.2675	0.7040	0.2846	0.4803
spambase			0.8283	0.1717	0.8183	0.6314	0.5997
spect			0.8148	0.1852	0.7091	0.2373	0.3439
spectf			0.8000	0.2000	0.7807	0.5505	0.6724
splice-EI			0.7508	0.2492	0.6022	0.1628	0.7534
splice-IE			0.5552	0.4448	0.5174	0.0315	0.8343
sport-articles			0.7800	0.2200	0.7824	0.5530	0.6767
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			0.9355	0.0645	0.9363	0.8646	0.2987

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel_industry			0.7029	0.1981	0.6845	0.5414	0.4887
steel-b			0.6513	0.3487	0.6783	0.2920	0.6616
steel-d			0.8718	0.1282	0.6928	0.2473	0.3971
steel-k			0.9538	0.0462	0.9286	0.8571	0.3137
steel-o			0.7333	0.2667	0.7151	0.4285	0.7830
steel-p			0.7949	0.2051	0.7307	0.3457	0.4962
steel-s			0.9744	0.0256	0.8470	0.6925	0.4821
steel-z			0.7590	0.2410	0.7255	0.3336	0.4988
stellar			0.7679	0.1547	0.7697	0.6239	0.4697
stock			0.7153	0.2847	0.6787	0.3151	0.6876
stockb			0.9736	0.0176	0.9745	0.9603	0.0596
streaming			0.7740	0.2260	0.7726	0.5448	0.7119
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-depression			0.6172	0.3828	0.6934	0.2972	0.6456
student-habits			0.2900	0.2840	0.1607	0.0041	0.6488
student-weekend			0.1692	0.3323	0.1926	0.0389	0.6746
student-workday			0.1094	0.3563	0.1770	-0.0131	0.4829
studentap			0.2308	0.5128	0.2544	-0.0317	0.5643
susy			0.7292	0.2708	0.7264	0.4477	0.7717
susy1%			0.7100	0.2900	0.7094	0.4024	0.7713
susy10%			0.7201	0.2799	0.7171	0.4286	0.7834
swarm_aligned			0.9600	0.0400	0.9550	0.9088	0.2580
swarm_flocking			0.9255	0.0745	0.9256	0.8510	0.3523
swarm_grouped			0.9446	0.0554	0.9451	0.8851	0.2743
tae			0.4000	0.4000	0.4101	0.1000	0.7275
telco-churn			0.7344	0.2656	0.6110	0.2036	0.8112
texture			0.8964	0.0188	0.9008	0.8857	0.1188
theorem			0.6088	0.3912	0.6212	0.2328	0.8810
thoracic			0.1489	0.8511	0.1296	0.0000	0.3207
Thyroid_Diff			0.7105	0.2895	0.7725	0.4571	0.5283
tic-tac-toe			0.8211	0.1789	0.8191	0.6254	0.6098
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.4701	0.5299	0.5812	0.1090	0.6825
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tox_171			0.5882	0.2059	0.6122	0.4516	0.4059
toxicity			0.6471	0.3529	0.6136	0.2273	0.8920
toxicity-13f			0.7059	0.2941	0.7249	0.4218	0.7321
transfusion			0.5733	0.4267	0.5907	0.1525	0.7673
tuandromd			0.5269	0.4731	0.6714	0.2136	0.4980
turkish			0.7000	0.1500	0.7021	0.6000	0.3836
tvnews			0.6694	0.3306	0.6982	0.3635	0.7557
tvnews1%			0.7615	0.2385	0.7799	0.5306	0.6514
tvnews10%			0.5883	0.4117	0.6488	0.2462	0.7591
ur3_cobotops_grip			0.7102	0.2898	0.6167	0.0909	0.2592
ur3_cobotops_stop			0.7211	0.2789	0.6447	0.1260	0.2837
urban			0.7612	0.0531	0.7637	0.7237	0.2351
urinalysis			0.4406	0.5594	0.5830	0.0519	0.2503
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9729	0.0271	0.5069	0.0130	0.4790
vehicle			0.7262	0.1369	0.6907	0.6290	0.2945
vehicleVAN			0.9048	0.0952	0.8977	0.7746	0.4230
voice			0.6667	0.3333	0.6769	0.3333	0.7930
vote			0.9535	0.0465	0.9535	0.9069	0.2525
vowel			0.4949	0.0918	0.5446	0.4444	0.3052
vowelZ			0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17			0.5359	0.4641	0.6126	0.1124	0.3988
warpar10p			0.6154	0.0769	0.5647	0.5724	0.1223
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc			0.5184	0.1376	0.5043	0.4373	0.4844
watch-acc1%			0.4951	0.1443	0.4765	0.4053	0.5421
watch-acc10%			0.4851	0.1471	0.4899	0.3990	0.4539
watch-gyr			0.4093	0.1688	0.4335	0.3119	0.5206
watch-gyr1%			0.4595	0.1544	0.4589	0.3708	0.5427
watch-gyr10%			0.3982	0.1720	0.4263	0.2987	0.5534
water_pollution			0.2200	0.3900	0.1785	-0.0334	0.7337
waveform			0.7800	0.1467	0.7883	0.6703	0.4068
weather-related			0.3135	0.1248	0.1602	0.1964	0.4836
web-phishing			0.7926	0.1383	0.6191	0.6141	0.4831
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.4599	0.2161	0.4754	0.3231	0.5859
white-clover			0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc			0.9850	0.0075	0.9852	0.9800	0.0343
wilt			0.8012	0.1988	0.7185	0.2731	0.3900
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-white			0.3333	0.2222	0.2897	0.1493	0.7344
winnipeg			0.9498	0.0143	0.9272	0.9367	0.1553
winnipeg10%			0.9267	0.0210	0.9194	0.9072	0.1638
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yeast			0.3378	0.1471	0.4705	0.2562	0.4651
yeastCYT-POX			0.5714	0.4286	0.6395	0.0918	0.2113
yeastEXC			0.9324	0.0676	0.7717	0.4201	0.4711
yeastME1			0.9392	0.0608	0.7807	0.4478	0.4858
yeastME2			0.8716	0.1284	0.6883	0.2942	0.5046
zip			0.8011	0.0398	0.7908	0.7772	0.2527

Table 179: Detailed results for RF(R)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1055	0.0617	0.0818	0.0215	0.4963
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9853	0.0147	0.7383	0.2948	0.0525
accident		0.4500	0.5500	0.4497	-0.1000	1.0000
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.6098	0.2105	0.8520
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.9108	0.0892	0.8743	0.7397	0.3967
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8762	0.0495	0.7630	0.7245	0.1888
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.9581	0.0419	0.9540	0.9076	0.2319
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9847	0.0076	0.9479	0.9708	0.0375
anuran-genus		0.9875	0.0031	0.9623	0.9794	0.0573
anuran-species		0.9875	0.0025	0.9727	0.9826	0.0191
anxiety		0.0667	0.2074	0.0616	-0.0515	0.8404
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arcene		0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia		0.8222	0.0273	0.4731	0.7150	0.1416

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.6522	0.0290	0.2378	0.6051	0.0508
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.9952	0.0008	0.9927	0.9938	0.0126
babies		0.4435	0.1590	0.1881	0.1237	0.4441
balance		0.9194	0.0538	0.6335	0.8485	0.1327
bank		0.9116	0.0884	0.7712	0.5416	0.5905
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8986	0.1014	0.8917	0.7690	0.3513
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8952	0.1048	0.8885	0.7768	0.4558
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0010	0.0689	0.0508	0.0010	0.0837
bitcoin10%		0.0024	0.0688	0.0584	0.0024	0.1564
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9770	0.0115	0.9673	0.9511	0.0705
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.9130	0.0870	0.9108	0.8216	0.3987
cardiotocography		0.8639	0.0272	0.8603	0.8367	0.1679
cardiotocography-nsp		0.9484	0.0344	0.8995	0.8532	0.1969
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8500	0.1000	0.7960	0.7267	0.3189
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.8062	0.1938	0.8061	0.6115	0.6517
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.8037	0.1963	0.8042	0.6071	0.6543

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8031	0.1969	0.7911	0.5799	0.6714
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7880	0.5456	0.3722
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9542	0.0458	0.6621	0.1930	0.3411
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S		0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%		0.9995	0.0005	0.8653	0.7270	0.3167
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8570	0.1430	0.7565	0.4942	0.5994
churn-bigml		0.9813	0.0187	0.9618	0.9207	0.0708
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.8095	0.1270	0.7809	0.6120	0.2909
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8241	0.0880	0.6691	0.7261	0.4026
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.5000	0.3333	0.5263	0.1429	0.4353
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5442	0.3039	0.5226	0.2854	0.7094
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.9271	0.0133	0.7773	0.9110	0.0981
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2		0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3		0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.8276	0.1724	0.7767	0.5511	0.6703
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7333	0.6810	0.2682
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7740	0.2260	0.7746	0.5483	0.7081
coupon		0.7760	0.2240	0.7701	0.5382	0.7071
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.9945	0.0055	0.9884	0.9767	0.0699
covtypeT		0.9883	0.0117	0.9544	0.9087	0.1963
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced		0.9465	0.0178	0.8539	0.8881	0.1047
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.7812	0.0109	0.5898	0.7744	0.0334
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.1808	0.0057	0.8264
cyclopentane		0.6296	0.3704	0.6181	0.2241	0.8800
cylinder-bands		0.8519	0.1481	0.8485	0.6971	0.5615
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8220	0.1780	0.7058	0.3782	0.6513
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9075	0.0925	0.7605	0.5178	0.5913
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.6364	0.3684	0.5443
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.8125	0.1250	0.8268	0.7108	0.3168
DIA		0.8833	0.1167	0.8416	0.6316	0.2737
diabetes		0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5588	0.2941	0.3515	0.0825	0.4688
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7950	0.0820	0.7887	0.7100	0.3135
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5417	0.4583	0.4651	-0.0476	0.9193
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5816	0.4184	0.5779	0.1427	0.9083
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7630	0.1580	0.6840	0.6026	0.4590
drug-01		0.3723	0.1793	0.1804	0.0229	0.5316
drug-02		0.4947	0.1444	0.2359	0.0726	0.5903
drug-03		0.6968	0.0866	0.1843	0.0267	0.1913
drug-04		0.5319	0.1337	0.2089	0.0605	0.4577
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4362	0.1611	0.3246	0.2770	0.4238
drug-07		0.4149	0.1672	0.1287	0.0223	0.4349
drug-08		0.5904	0.1170	0.2650	0.2231	0.3841
drug-09		0.8723	0.0365	0.1960	0.0699	0.1044
drug-10		0.5585	0.1261	0.1575	0.1502	0.4246
drug-11		0.8404	0.0456	0.1305	-0.0137	0.2384
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.2401	0.2249	0.3738

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-14		0.6170	0.1094	0.3161	0.3348	0.5385
drug-15		0.7660	0.0669	0.1899	0.0368	0.1787
drug-16		0.5745	0.1216	0.2575	0.2554	0.4135
drug-17		0.3564	0.1839	0.1645	0.0999	0.5010
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9236	0.0218	0.9373	0.9076	0.1250
ecoli		0.7941	0.0515	0.4428	0.7115	0.1176
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3300	0.3350	0.3310	0.1079	0.7888
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.9286	0.0714	0.9278	0.8552	0.3393
eeg10%		0.4738	0.0658	0.4789	0.4136	0.4952
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6986	0.1205	0.6850	0.6093	0.3061
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9656	0.0344	0.9658	0.9309	0.1889
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7647	0.2353	0.7621	0.5173	0.7107
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9231	0.0385	0.9069	0.8937	0.0884
gas		0.9971	0.0010	0.9971	0.9965	0.0067
gastrointestinal		0.8750	0.0833	0.8741	0.7949	0.2147
gender		0.6084	0.2611	0.4376	0.1547	0.5328
gene		0.9432	0.0379	0.9359	0.9092	0.1674
german		0.6900	0.3100	0.6284	0.2211	0.7953
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9625	0.0375	0.9625	0.9251	0.2150
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8571	0.0476	0.7990	0.8062	0.1657
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP		0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8690	0.1310	0.8707	0.7360	0.5042
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.5333	0.2333	0.5670	0.3713	0.4850
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.9975	0.0010	0.9972	0.9968	0.0074
har70		0.0899	0.2600	0.0236	0.0000	0.3023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har701%		0.9319	0.0195	0.5472	0.8987	0.1020
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.8788	0.0202	0.6105	0.8340	0.1432
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.8333	0.1667	0.8501	0.6575	0.3902
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.7073	0.2927	0.7057	0.4111	0.8121
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1556	0.0552	0.3157
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8803	0.1197	0.7668	0.5218	0.5835
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.7222	0.1852	0.6852	0.4813	0.3077
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9996	0.0003	0.9996	0.9994	0.0024
htru2		0.9760	0.0240	0.9259	0.8512	0.2747
hypothyroid		0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.7627	0.2373	0.6818	0.2677	0.5933
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8246	0.1754	0.6580	0.2477	0.6181
jvowels		0.9829	0.0038	0.9823	0.9807	0.0305
kc1		0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot		0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect		0.6429	0.0298	0.0341	0.1139	0.1206
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8462	0.1538	0.7441	0.4680	0.6202
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9990	0.0002	0.8926	0.9983	0.0012
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.8873	0.0125	0.8878	0.8742	0.1524

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.4412	0.0279	0.2258	0.4191	0.0730
led24		0.6500	0.0700	0.6222	0.6078	0.1637
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9695	0.0023	0.9691	0.9683	0.0366
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8611	0.0185	0.8833	0.8510	0.0663
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7647	0.2353	0.7202	0.4357	0.7504
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.7093	0.0528	0.4511	0.6260	0.3960
lrs		0.8491	0.0302	0.4439	0.7907	0.1068
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.7778	0.0494	0.4018	0.6842	0.0783
machine-failure		0.9255	0.0745	0.9237	0.8472	0.3606
madelon		0.8846	0.1154	0.8847	0.7692	0.4744
magic04		0.8837	0.1163	0.8707	0.7390	0.4805
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8646	0.1354	0.8653	0.7292	0.5220
marketing		0.9018	0.0982	0.7781	0.5259	0.4874
maternal		0.8317	0.1122	0.8360	0.7443	0.3645
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8333	0.7778	0.1667
mental-health		0.2500	0.3000	0.2535	0.0614	0.8356
messidor		0.6696	0.3304	0.6624	0.3246	0.8615
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac		0.9650	0.0070	0.9658	0.9611	0.0416
mfeat-fou		0.8250	0.0350	0.8267	0.8056	0.1339
mfeat-kar		0.9750	0.0050	0.9755	0.9722	0.0316
mfeat-mor		0.6750	0.0650	0.6733	0.6389	0.2011
mfeat-pix		0.9800	0.0040	0.9811	0.9778	0.0225
mfeat-zer		0.8000	0.0400	0.7997	0.7778	0.1204
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6176	0.1529	0.5940	0.5206	0.4050
mobile		0.9650	0.0012	0.9675	0.9644	0.0164
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9636	0.0364	0.9281	0.8474	0.1550
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.7818	0.2182	0.7733	0.5438	0.6969
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.8597	0.1403	0.8562	0.7123	0.5445
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.8697	0.1303	0.8669	0.7337	0.5188
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.9211	0.0083	0.5725	0.7804	0.3343
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6720	0.3280	0.6694	0.3373	0.8538
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5000	0.3333	0.3157	-0.0031	0.5510
nursery		0.9992	0.0003	0.7995	0.9989	0.0024
obesity		0.9573	0.0122	0.9563	0.9502	0.0601
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9951	0.0049	0.9932	0.9864	0.0616
Occupancy_Estimation		0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc		0.9307	0.0139	0.9347	0.9205	0.0671
oh10-wc		0.8095	0.0381	0.8131	0.7822	0.1628
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9304	0.0696	0.7414	0.4421	0.4737
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9715	0.0057	0.9732	0.9683	0.0418
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr		0.9328	0.0672	0.6849	0.2410	0.3595
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8557	0.1443	0.8372	0.6737	0.5677
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9127	0.0873	0.9141	0.8256	0.3826
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9854	0.0059	0.8934	0.9162	0.1076
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.9194	0.0806	0.9139	0.8268	0.3712
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.9215	0.0785	0.9023	0.8044	0.4057
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9189	0.0811	0.6396	0.2671	0.6352
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia			0.7647	0.0672	0.6953	0.7059	0.1913
pendigits			0.9964	0.0007	0.9962	0.9960	0.0072
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9450	0.0550	0.9376	0.8722	0.2569
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.9250	0.0214	0.9194	0.9123	0.0864
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.9526	0.0135	0.9485	0.9446	0.0683
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9241	0.0759	0.9054	0.8104	0.3896
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7042	0.3746	0.7278
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.6842	0.3158	0.6833	0.3667	0.8414
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.6215	0.0757	0.1510	0.2847	0.2519
poker10%			0.6968	0.0758	0.2381	0.4295	0.2321
polish-1st			0.9659	0.0341	0.6954	0.2409	0.2550
polish-2nd			0.9626	0.0374	0.6846	0.3284	0.4859
polish-3rd			0.9457	0.0543	0.4860	-0.0118	0.5026
polish-4th			0.9612	0.0388	0.7724	0.5179	0.4229
polish-5th			0.9594	0.0406	0.8195	0.6053	0.3147
polya			0.7946	0.2054	0.7696	0.5298	0.6703
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.7059	0.2941	0.7059	0.4118	0.8134
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2727	0.0661	0.1054	0.1976	0.2498
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6866	0.3134	0.6250	0.2456	0.8615
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9928	0.0029	0.9875	0.9903	0.0205
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.5142	0.4858	0.5142	0.0283	0.9915
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8778	0.1222	0.8786	0.7556	0.4852
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
re0-wc			0.8867	0.0174	0.8625	0.8501	0.1094
re1-wc			0.8494	0.0120	0.6319	0.8276	0.1015
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.7184	0.2816	0.7085	0.4171	0.8027
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9098	0.0301	0.8972	0.8884	0.1396
satimageF			0.9907	0.0093	0.9760	0.9519	0.1413
satimageT			0.9425	0.0575	0.8211	0.6118	0.3528
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5588	0.4412	0.5616	0.1176	0.9407
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9654	0.0099	0.9696	0.9595	0.0466
segmentation			0.8762	0.1238	0.8647	0.7294	0.5155
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8789	0.1211	0.6856	0.1312	0.2567
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9998	0.0000	0.9998	0.9998	0.0004
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9027	0.0973	0.7989	0.5915	0.5413
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9788	0.0212	0.9093	0.8149	0.2550
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9998	0.0002	0.9998	0.9995	0.0044
skin10%			0.9996	0.0004	0.9994	0.9988	0.0098
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1691	0.0000	0.5097
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2133	0.3147	0.2135	0.0152	0.8626
solar-flare			0.7626	0.0791	0.6159	0.6932	0.1874
sonar			0.6500	0.3500	0.6508	0.3000	0.8761
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9543	0.0457	0.9522	0.9039	0.2438
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer			0.6346	0.0271	0.5232	0.6116	0.1201
splice-EI			0.9748	0.0252	0.9674	0.9342	0.2081
splice-IE			0.9558	0.0442	0.9402	0.8800	0.3080
sport-articles			0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel_industry			0.9181	0.0546	0.8960	0.8667	0.2043
steel-b			0.9026	0.0974	0.8447	0.6809	0.4637
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8256	0.1744	0.8057	0.6108	0.6337
steel-p			0.9436	0.0564	0.7817	0.5324	0.4232
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9795	0.0205	0.9450	0.8886	0.3044
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9306	0.0694	0.8772	0.7503	0.3987
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1760	0.0222	0.5651
student-weekend			0.4154	0.2338	0.2262	0.0909	0.4150
student-workday			0.7188	0.1125	0.2529	0.1742	0.2946
studentap			0.4615	0.3590	0.3373	0.1415	0.4636
susy1%			0.8038	0.1962	0.8027	0.6007	0.6439
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9855	0.0026	0.9862	0.9840	0.0229
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8881	0.1119	0.8417	0.6604	0.4201
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7647	0.2353	0.7536	0.3929	0.4155
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6800	0.3200	0.4811	-0.0345	0.9007
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec41-wc			0.9432	0.0114	0.8297	0.9307	0.0623
trec45-wc			0.9420	0.0116	0.8572	0.9320	0.0426
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.8000	0.1000	0.7960	0.7333	0.2330
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9385	0.0615	0.9338	0.8656	0.2918
tvnews10%			0.9083	0.0917	0.9007	0.8009	0.4158
ur3_cobotops_grip			0.9769	0.0231	0.7781	0.5041	0.3047
ur3_cobotops_stop			0.9728	0.0272	0.7664	0.4878	0.3563
urban			0.8358	0.0365	0.8366	0.8066	0.1400
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vehicle			0.7857	0.1071	0.7475	0.7108	0.1989
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.7576	0.0441	0.7863	0.7333	0.1375
vowelZ			0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.9862	0.0040	0.9858	0.9838	0.0284
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.9875	0.0036	0.9874	0.9854	0.0269
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2400	0.3800	0.2383	-0.0140	0.8684
waveform			0.8520	0.0987	0.8522	0.7780	0.3478
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8741	0.0840	0.8255	0.7750	0.3711
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9834	0.0166	0.9068	0.8096	0.2500
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.7107	0.0964	0.3474	0.5295	0.3346
winequality-white			0.7014	0.0853	0.4379	0.5323	0.3217
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.7500	0.0333	0.7318	0.7322	0.0613
yeast			0.6081	0.0784	0.4410	0.4932	0.3496
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.9602	0.0080	0.9565	0.9554	0.0665

Table 180: Detailed results for RF(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1247	0.0604	0.1002	0.0730	0.5972
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9490	0.0510	0.7153	0.3322	0.4627
accident		0.6000	0.4000	0.6000	0.2000	0.9288
ads		0.9787	0.0213	0.9549	0.9090	0.1832
adult		0.8081	0.1919	0.7933	0.5562	0.6246
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7714	0.2286	0.5417	0.0776	0.8189
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8889	0.0741	0.4663	0.1398	0.1423
AID1284Morered		0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red		0.8611	0.1389	0.6850	0.3662	0.6914
AID1608Morered		0.8932	0.1068	0.6051	0.2094	0.6663
AID1608red		0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red		0.9813	0.0187	0.4953	-0.0071	0.5505
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.7056	0.3995	0.4683
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604		0.9853	0.0147	0.7287	0.3013	0.3805
AID604AID644_AllRed		0.9985	0.0015	0.4996	-0.0007	0.5338
AID644Morered		0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9958	0.0042	0.4989	-0.0017	0.5306
AID688red		0.9772	0.0228	0.4942	-0.0111	0.4805
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9983	0.0017	0.4996	-0.0008	0.5343
AID746red		0.9393	0.0607	0.5946	0.0708	0.1927
aids		0.8920	0.1080	0.8568	0.7130	0.5261
air_pollution		0.3667	0.1810	0.1543	-0.0012	0.7162
air-booking		0.7608	0.2392	0.6681	0.3073	0.6919
airline		0.9598	0.0402	0.9591	0.9180	0.2252
alcohol		0.8286	0.0686	0.6762	0.6238	0.2424
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9488	0.0512	0.9438	0.8864	0.2600
anneal		0.9663	0.0135	0.9674	0.9317	0.1118
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9777	0.0111	0.9479	0.9575	0.0562
anuran-genus		0.9819	0.0045	0.9381	0.9704	0.1077
anuran-species		0.9819	0.0036	0.9612	0.9749	0.0529
anxiety		0.1000	0.2000	0.0975	-0.0139	0.8393
apple-quality		0.8700	0.1300	0.8707	0.7400	0.5068
aps-failure		0.9758	0.0242	0.8089	0.5633	0.5382
arabidopsis		0.8780	0.1220	0.6323	0.0732	0.1533
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9664	0.0336	0.5802	0.1116	0.3570

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia		0.8222	0.0273	0.6046	0.7341	0.1867
auction		0.9951	0.0049	0.9889	0.9776	0.0238
audiology		0.7826	0.0181	0.3103	0.7516	0.0318
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7569	0.8693	0.0956
avila		0.9971	0.0005	0.9955	0.9963	0.0146
babies		0.3387	0.1889	0.1892	0.0963	0.6533
balance		0.8065	0.1290	0.6558	0.6748	0.3418
bank		0.8555	0.1445	0.7823	0.5083	0.5807
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9101	0.0899	0.9033	0.7973	0.3414
basehock		0.9849	0.0151	0.9849	0.9698	0.1051
bio		0.9964	0.0036	0.8992	0.7982	0.3640
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.9143	0.0857	0.9097	0.8191	0.4034
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.6077	0.0271	0.0845	0.0472	0.3997
bitcoin1%		0.9091	0.0063	0.0937	0.1346	0.2586
bitcoin10%		0.9758	0.0017	0.1224	0.3648	0.3426
body-perf		0.7299	0.1351	0.7306	0.6398	0.4129
bookings		0.9809	0.0127	0.7911	0.9600	0.1030
brain-tumor		0.4830	0.5170	0.4830	-0.0340	1.0000
breast-cancer		0.7143	0.2857	0.7058	0.3913	0.7528
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.9000	0.0286	0.6767	0.8571	0.0295
bub10at310k-hg16-17		0.8280	0.1720	0.6942	0.3388	0.6045
bub12at310k-hg16-17		0.9128	0.0872	0.6926	0.3709	0.6085
bub8at310k-hg16-17		0.9041	0.0959	0.6936	0.3859	0.6481
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4170	0.3887	0.2898	-0.0650	0.7187
car		0.9425	0.0287	0.9195	0.8822	0.2314
car-insurance		0.8320	0.1680	0.8153	0.6263	0.6236
card		0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography		0.8779	0.0244	0.8764	0.8546	0.1689
cardiotocography-nsp		0.9155	0.0563	0.8542	0.7810	0.3808
cardiovascular		0.7391	0.2609	0.7402	0.4782	0.7606
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.7253	0.6199	0.4605
cas_N6512_cdk_ECFP2		0.7527	0.2473	0.7539	0.5058	0.7404
cas_N6512_rdkit_ATOMPAIR		0.7631	0.2369	0.7629	0.5251	0.7281
cas_N6512_RDkit_AtomPair_FP		0.7776	0.2224	0.7770	0.5537	0.7049
cas_N6512_rdkit_AVALON		0.8111	0.1889	0.8109	0.6212	0.6425
cas_N6512_RDkit_Avalon_FP		0.8236	0.1764	0.8253	0.6477	0.6096
cas_N6512_rdkit_descriptors		0.7938	0.2062	0.7944	0.5874	0.6728
cas_N6512_rdkit_FEATMORGAN		0.7343	0.2657	0.7331	0.4661	0.7744
cas_N6512_RDkit_Featmorgan_FP		0.7761	0.2239	0.7763	0.5516	0.7052
cas_N6512_RDkit_FP		0.7776	0.2224	0.7780	0.5548	0.7022
cas_N6512_rdkit_LAYERED		0.8031	0.1969	0.8061	0.6075	0.6450
cas_N6512_RDkit_Layered_FP		0.7669	0.2331	0.7663	0.5323	0.7228

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7911	0.2089	0.7893	0.5778	0.6797
cas_N6512_RDkit_MACCS_FP		0.7975	0.2025	0.7996	0.5959	0.6599
cas_N6512_rdkit_MORGAN		0.8077	0.1923	0.8071	0.6139	0.6504
cas_N6512_RDkit_morgan_FP		0.7883	0.2117	0.7882	0.5758	0.6848
cas_N6512_rdkit_PATTERN		0.7938	0.2062	0.7946	0.5876	0.6720
cas_N6512_RDkit_pattern_FP		0.7899	0.2101	0.7903	0.5794	0.6804
cas_N6512_rdkit_RDKITFP		0.8111	0.1889	0.8110	0.6213	0.6424
cas_N6512_rdkit_TORSION		0.7631	0.2369	0.7650	0.5272	0.7211
ccds		0.9133	0.0867	0.6827	0.3172	0.5460
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9630	0.0370	0.6592	0.2409	0.4286
cdc_diabetes		0.6718	0.2188	0.4727	0.2691	0.5272
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7107	0.3027	0.6871	0.3677	0.8012
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9656	0.0344	0.7806	0.5585	0.5044
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9202	0.0798	0.5820	0.1639	0.6409
CDS49_AID687_Rdkit-ecfp4-fp		0.9973	0.0027	0.4993	-0.0005	0.3640
census		0.8852	0.1148	0.7507	0.4316	0.5544
census10%		0.8209	0.1791	0.7148	0.3084	0.4693
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9419	0.0581	0.8278	0.5889	0.5302
cervical-S		0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia		0.9384	0.0308	0.9209	0.9081	0.1454
chrom19		0.9997	0.0003	0.9185	0.8341	0.3723
chrom191%		0.9982	0.0018	0.8232	0.5707	0.5239
chrom1910%		0.9991	0.0009	0.8132	0.6186	0.5081
chrom21		0.9998	0.0002	0.7027	0.1538	0.0012
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8500	0.1500	0.7657	0.5313	0.6570
churn-bigml		0.9700	0.0300	0.9389	0.8773	0.2552
ci900367j_MACCS		0.7158	0.2842	0.7162	0.4242	0.7793
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7857	0.1429	0.7620	0.5753	0.3543
cjs		0.9929	0.0024	0.9931	0.9913	0.0188
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8120	0.0940	0.7109	0.7155	0.4375
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5578	0.2948	0.5441	0.3186	0.6657
cnae-9		0.9444	0.0123	0.9475	0.9375	0.0577
codon_usage		0.9256	0.0135	0.7802	0.9093	0.1090
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9236	0.8433	0.3725
collins		0.8400	0.0213	0.8487	0.8245	0.0986
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7609	0.6847	0.2903

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5090	0.4682	0.5147	0.0317	0.7804
comedy_comparisons1%		0.5083	0.4917	0.5165	0.0298	0.9545
comedy_comparisons10%		0.5777	0.4223	0.5771	0.1543	0.9476
connect-4		0.9543	0.0305	0.6598	0.4582	0.5034
cottonmeloidogyne		0.7644	0.2356	0.7668	0.5294	0.7147
coupon		0.7524	0.2476	0.7481	0.4961	0.7499
covid19		0.2239	0.2217	0.2594	0.0967	0.7389
covtype		0.9419	0.0166	0.9081	0.9073	0.2188
covtype10%		0.8482	0.0434	0.7849	0.7598	0.3894
covtypeCD		0.9871	0.0129	0.9735	0.9466	0.1900
covtypeT		0.9810	0.0190	0.9322	0.8624	0.3439
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9995	0.0005	0.9188	0.8349	0.2005
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9364	0.0212	0.8706	0.8718	0.2427
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.5312	0.0234	0.3814	0.5171	0.0716
customer-churn		0.9642	0.0358	0.7275	0.4155	0.5456
cybersecurity		0.1500	0.2833	0.1520	-0.0185	0.8949
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7963	0.2037	0.7970	0.5903	0.6643
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1028	0.1794	0.1029	0.0032	0.9273
day1%		0.9595	0.0405	0.9558	0.9116	0.2344
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7920	0.2080	0.7151	0.4280	0.7378
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8410	0.1590	0.7706	0.4827	0.5869
depressed		0.8042	0.1958	0.4996	-0.0005	0.7432
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.3750	0.4167	0.3028	0.0000	0.4609
dexter		0.9333	0.0667	0.9372	0.8667	0.2500
df_final		0.6875	0.2083	0.7526	0.5455	0.2458
DIA		0.8500	0.1500	0.7938	0.5000	0.3145
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k		0.9417	0.0583	0.8431	0.6759	0.5364
diabetes-risk		0.9118	0.0882	0.8717	0.7418	0.4946
diabetic		0.5130	0.3247	0.4532	0.1983	0.7460
diabetic1%		0.5686	0.2876	0.4779	0.2392	0.7163
diabetic10%		0.5295	0.3137	0.4628	0.1970	0.7516
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7666	0.0934	0.7612	0.6708	0.3459
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5417	0.4583	0.5078	0.0149	0.9759
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9890	0.0110	0.6170	0.1658	0.3626
dna10%		0.9972	0.0028	0.6312	0.0099	0.0321
dorothea		0.9391	0.0609	0.7972	0.5584	0.3855
dota2		0.5925	0.4075	0.5909	0.1818	0.9357
dota210%		0.5718	0.4282	0.5697	0.1392	0.9526
drebin		0.9834	0.0166	0.9821	0.9642	0.1124
dropout		0.7607	0.1595	0.7117	0.6127	0.4552

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-01		0.2872	0.2036	0.2230	0.0460	0.8005
drug-02		0.4628	0.1535	0.2949	0.2714	0.7454
drug-03		0.5532	0.1277	0.2005	0.1810	0.6139
drug-04		0.4096	0.1687	0.2333	0.1760	0.8118
drug-05		0.6064	0.1125	0.1208	-0.0503	0.6405
drug-06		0.3883	0.1748	0.2992	0.2520	0.6499
drug-07		0.3777	0.1778	0.1589	0.0592	0.5184
drug-08		0.4096	0.1687	0.2304	0.1667	0.6777
drug-09		0.7872	0.0608	0.1611	0.0380	0.4253
drug-10		0.5213	0.1368	0.3062	0.2759	0.7212
drug-11		0.7074	0.0836	0.1960	0.1489	0.8194
drug-12		0.6543	0.0988	0.2420	0.1654	0.6130
drug-13		0.5798	0.1201	0.2113	0.3126	0.7530
drug-14		0.5585	0.1261	0.3439	0.3573	0.6371
drug-15		0.5851	0.1185	0.1938	0.1390	0.8143
drug-16		0.5213	0.1368	0.2673	0.3185	0.5723
drug-17		0.2872	0.2036	0.2169	0.1193	0.7891
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.6011	0.1140	0.1661	0.1111	0.6285
drybean		0.9184	0.0233	0.9326	0.9014	0.1314
ecoli		0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2200	0.3900	0.2265	-0.0376	0.8347
eeg		0.5536	0.0558	0.5727	0.5086	0.5655
eeg-eye		0.9085	0.0915	0.9076	0.8144	0.4027
eeg10%		0.4501	0.0687	0.4536	0.3948	0.5908
email_phishing		0.9810	0.0190	0.6827	0.3612	0.5617
eucalyptus		0.6712	0.1315	0.6551	0.5821	0.3493
euthyroid		0.9715	0.0285	0.9184	0.8367	0.3176
exon.vs.intron-freq		0.9791	0.0209	0.9792	0.9581	0.1304
exon.vs.intron-freq10%		0.9593	0.0407	0.9598	0.9182	0.2062
fakenews		0.5100	0.4900	0.5099	0.0197	0.9943
farm-ads		0.9010	0.0990	0.9019	0.7996	0.4034
fbis-wc		0.8537	0.0172	0.8164	0.8342	0.1103
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.6863	0.3137	0.6813	0.3615	0.8390
financial-risk		0.8980	0.0340	0.6701	0.8380	0.1710
fishcatch		0.8750	0.0417	0.9249	0.8462	0.0696
flags		0.6000	0.1000	0.4645	0.5107	0.2233
fonts		0.7800	0.0029	0.6392	0.7711	0.4658
fonts10%		0.5294	0.0062	0.3107	0.5128	0.6314
forest		0.9231	0.0385	0.9069	0.8937	0.0884
gas		0.9964	0.0012	0.9965	0.9956	0.0090
gastrointestinal		0.7500	0.1667	0.7551	0.5924	0.3347
gender		0.5747	0.2835	0.4748	0.2101	0.7205
gene		0.9401	0.0400	0.9334	0.9045	0.1800
german		0.7100	0.2900	0.6683	0.3318	0.8243
gestures		0.9187	0.0407	0.9187	0.8915	0.1817
gina		0.9539	0.0461	0.9542	0.9078	0.2461
gisette		0.9671	0.0329	0.9672	0.9343	0.1922
glass		0.7619	0.0794	0.7621	0.6789	0.2445
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8690	0.1310	0.8707	0.7360	0.5042
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4000	0.3000	0.5056	0.2151	0.5307
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7667	0.2333	0.7139	0.4262	0.7592
hapt		0.9698	0.0050	0.9194	0.9643	0.0436
har		0.9949	0.0020	0.9943	0.9936	0.0146
har70		0.7642	0.0674	0.6208	0.6910	0.2703
har701%		0.8549	0.0415	0.5932	0.7981	0.3217
har7010%		0.8114	0.0539	0.6139	0.7451	0.3014
harth		0.8772	0.0205	0.6973	0.8353	0.2443
harth1%		0.7867	0.0355	0.5766	0.7181	0.3179
harth10%		0.8772	0.0205	0.6741	0.8346	0.2529
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.8065	0.1935	0.8096	0.6141	0.6376
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum		0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.8137	0.2000	0.8213	0.6069	0.6018
hepmass1%		0.8554	0.1446	0.8561	0.7110	0.5431
hepmass10%		0.8608	0.1392	0.8613	0.7217	0.5319
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs		0.5497	0.4405	0.5918	0.0494	0.5918
higgs0.1%		0.6973	0.3027	0.6958	0.3916	0.8254
higgs1%		0.7171	0.2829	0.7159	0.4317	0.7991
higgs10%		0.7420	0.2580	0.7412	0.4824	0.7629
higher		0.2857	0.1786	0.1902	0.1617	0.2966
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9140	0.0860	0.8577	0.7127	0.5200
hiva		0.9527	0.0473	0.6312	0.2614	0.6099
horse		0.6389	0.2407	0.6208	0.3842	0.5819
hotel-reservartions		0.9019	0.0981	0.8889	0.7777	0.4549
hr		0.8456	0.1544	0.5272	0.0337	0.6757
ht-sensor		1.0000	0.0000	1.0000	0.9999	0.0003
ht-sensor10%		0.9990	0.0006	0.9991	0.9985	0.0053
htru2		0.9743	0.0257	0.9246	0.8489	0.3357
hypothyroid		0.9867	0.0066	0.7285	0.9240	0.1169
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.6610	0.3390	0.5868	0.1737	0.8848
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8999	0.0077	0.9048	0.8959	0.0811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
jm1		0.7603	0.2397	0.6733	0.3368	0.7515
jvowels		0.9689	0.0069	0.9667	0.9647	0.0510
kc1		0.8389	0.1611	0.7170	0.4314	0.6991
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.5000	0.0417	0.0758	0.2950	0.0679
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6935	0.3863	0.7537
kdc-4007		0.7855	0.0536	0.6905	0.7497	0.2979
kddcup98		0.6506	0.3494	0.5479	0.0434	0.3409
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.8743	0.1257	0.5226	0.0421	0.5822
kddcup99		1.0000	0.0000	0.7803	1.0000	0.0003
kddcup991%		0.9990	0.0001	0.5497	0.9983	0.0086
kddcup9910%		0.9910	0.0008	0.7168	0.9847	0.0751
kepler		0.8933	0.0711	0.8549	0.8242	0.2042
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7680	0.0135	0.7727	0.7276	0.3253
krvskp		0.9843	0.0157	0.9844	0.9686	0.1069
la1s-wc		0.8984	0.0339	0.8864	0.8721	0.1788
la2s-wc		0.8775	0.0408	0.8635	0.8462	0.2120
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7353	0.0132	0.3978	0.7216	0.0590
led24		0.7500	0.0500	0.7151	0.7183	0.0974
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9490	0.0039	0.9490	0.9469	0.0593
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8611	0.0185	0.8830	0.8509	0.0619
linkage		1.0000	0.0000	0.9986	0.9971	0.0191
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.9999	0.0001	0.9964	0.9928	0.0211
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9859	0.0141	0.9850	0.9701	0.1050
localization		0.7070	0.0533	0.5643	0.6448	0.5612
localization10%		0.6371	0.0660	0.4715	0.5584	0.6513
lrs		0.8302	0.0340	0.4233	0.7671	0.1405
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.7692	0.2308	0.7704	0.5385	0.7122
magic04		0.8764	0.1236	0.8633	0.7261	0.5132
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.8839	0.1161	0.7633	0.5261	0.6270
maternal		0.7624	0.1584	0.7705	0.6386	0.4510
math		0.8250	0.0875	0.8104	0.7429	0.2762
mba		0.7645	0.1570	0.4860	0.3943	0.4821
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2467	0.3013	0.2488	0.0582	0.8437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
messidor			0.6783	0.3217	0.6752	0.3499	0.8475
meter-A			0.6250	0.3750	0.7241	0.3333	0.5283
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			1.0000	0.0000	1.0000	1.0000	0.0000
meter-D			0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac			0.9550	0.0090	0.9558	0.9500	0.0542
mfeat-fou			0.8100	0.0380	0.8118	0.7889	0.1519
mfeat-kar			0.9750	0.0050	0.9756	0.9722	0.0315
mfeat-mor			0.6900	0.0620	0.6917	0.6556	0.1982
mfeat-pix			0.9750	0.0050	0.9768	0.9722	0.0284
mfeat-zer			0.7550	0.0490	0.7588	0.7278	0.1605
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5882	0.1647	0.5599	0.4820	0.4480
mobile			0.9615	0.0014	0.9652	0.9608	0.0170
monks-1			1.0000	0.0000	1.0000	1.0000	0.0000
monks-2			0.9344	0.0656	0.9269	0.8514	0.3077
monks-3			0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4844	0.0937	0.5399	0.4035	0.5554
musk			0.9667	0.0333	0.9344	0.8671	0.2423
MUT_ci300400a_cdk_ECFP2			0.7938	0.2062	0.7931	0.5831	0.6722
MUT_ci300400a_cdk_ECFP4			0.8180	0.1820	0.8189	0.6331	0.6212
MUT_ci300400a_cdk_ECFP6			0.8024	0.1976	0.7988	0.5969	0.6640
MUT_ci300400a_cdk_ESTATE			0.7482	0.2518	0.7488	0.4934	0.7433
MUT_ci300400a_cdk_EXTENDED			0.8441	0.1559	0.8426	0.6833	0.5754
MUT_ci300400a_cdk_FCFP2			0.7880	0.2120	0.7886	0.5729	0.6782
MUT_ci300400a_cdk_FCFP4			0.7806	0.2194	0.7808	0.5576	0.6925
MUT_ci300400a_cdk_FCFP6			0.8094	0.1906	0.8087	0.6144	0.6432
MUT_ci300400a_cdk_MACCS			0.8285	0.1715	0.8266	0.6515	0.6095
MUT_ci300400a_cdk_PUBCHEM			0.8443	0.1557	0.8414	0.6821	0.5787
MUT_ci300400a_cdk_STANDARD			0.8335	0.1665	0.8299	0.6594	0.6031
MUT_ci300400a_rdkit_descriptors			0.8596	0.1404	0.8585	0.7156	0.5399
myocardial			0.8824	0.0294	0.3047	0.4285	0.2184
naticusdroid			0.9669	0.0331	0.9669	0.9339	0.1952
NCI60			0.8333	0.0556	0.7895	0.8000	0.0530
nci9			0.5000	0.1111	0.3030	0.4375	0.0440
ncRNA			0.9341	0.0069	0.7532	0.8381	0.7957
ncRNA1%			0.7363	0.0278	0.4572	0.4991	0.8557
ncRNA10%			0.9182	0.0086	0.6579	0.7965	0.8848
neo			0.8819	0.1181	0.7609	0.4928	0.6147
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc			0.8718	0.0058	0.8759	0.8678	0.0962
newspop			0.6741	0.3259	0.6717	0.3425	0.8528
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9658	0.0342	0.9584	0.9167	0.2363
NPHA-doctor-visits			0.3611	0.4259	0.3526	-0.0222	0.7533
nursery			0.9799	0.0080	0.7699	0.9707	0.0681
obesity			0.9431	0.0162	0.9456	0.9336	0.0700
obs			0.9815	0.0093	0.9872	0.9727	0.0458
occupancy			0.9917	0.0083	0.9886	0.9769	0.1003
Occupancy_Estimation			0.9941	0.0030	0.9783	0.9819	0.0134
oh0-wc			0.9505	0.0099	0.9502	0.9435	0.0600
oh10-wc			0.8000	0.0400	0.7905	0.7742	0.1832
oh15-wc			0.8804	0.0239	0.8869	0.8644	0.1208
oh5-wc			0.8901	0.0220	0.9047	0.8760	0.1172

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ohscal-wc			0.7975	0.0405	0.7862	0.7736	0.2780
olive			0.9474	0.0117	0.9385	0.9343	0.0333
opn310k			0.8580	0.1420	0.7145	0.3941	0.6229
opn310k10%			0.9142	0.0858	0.7345	0.4691	0.6226
opnat310k-hg16-17			0.8603	0.1397	0.7186	0.4023	0.6221
optdigits			0.9609	0.0078	0.9625	0.9565	0.0572
optdigitsZ			0.9982	0.0018	0.9945	0.9889	0.0098
orl			0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr			0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr			0.9170	0.0830	0.6464	0.2808	0.6346
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8660	0.1340	0.8548	0.7079	0.5462
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8810	0.1190	0.8837	0.7626	0.4657
p53-mutants			0.9940	0.0060	0.7478	0.4836	0.5398
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9744	0.0102	0.8848	0.8656	0.3636
parkinson			0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons			0.9052	0.0948	0.8989	0.7977	0.4265
parkinsons-small			0.8947	0.1053	0.8914	0.7595	0.4308
particle			0.9364	0.0636	0.9228	0.8450	0.3642
particle10%			0.9162	0.0838	0.8992	0.7973	0.4345
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9189	0.0811	0.6790	0.3567	0.6383
pcmac			0.4536	0.5464	0.4208	-0.1557	1.0000
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia			0.8235	0.0504	0.7646	0.7821	0.1427
pendigits			0.9891	0.0022	0.9890	0.9879	0.0189
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.6582	0.3077	0.8309
persistency			0.8338	0.1662	0.8222	0.6442	0.6106
personalities			0.9730	0.0034	0.9730	0.9712	0.0480
pet-adoption			0.9450	0.0550	0.9376	0.8722	0.2569
phishing			0.9551	0.0449	0.9528	0.9056	0.2507
PhiUSIIL			1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.9685	0.0045	0.9882	0.9863	0.0169
phone-acc0.1%			0.8752	0.0357	0.8699	0.8540	0.1225
phone-acc1%			0.9567	0.0124	0.9531	0.9494	0.0546
phone-acc10%			0.8522	0.0422	0.8492	0.8271	0.1504
phone-gyr			0.9826	0.0048	0.9823	0.9712	0.0178
phone-gyr0.1%			0.9045	0.0273	0.8989	0.8883	0.1193
phone-gyr1%			0.9691	0.0088	0.9660	0.9639	0.0441
phone-gyr10%			0.9908	0.0026	0.9897	0.9892	0.0161
phoneme			0.9056	0.0944	0.8908	0.7776	0.4616
phy			0.7094	0.2906	0.7094	0.4187	0.8086
pima			0.7895	0.2105	0.7763	0.5490	0.6852
pirvision			0.9935	0.0044	0.9884	0.9795	0.0726
placement			0.7830	0.2170	0.7791	0.5576	0.6991
plant-growth			0.7895	0.2105	0.7889	0.5778	0.6844
plrx			0.6667	0.3333	0.5282	0.0526	0.9011
poker			0.4814	0.1037	0.2493	0.1668	0.8277
poker1%			0.5356	0.0929	0.1863	0.1320	0.4572
poker10%			0.5191	0.0962	0.2110	0.1764	0.7517
polish-1st			0.9573	0.0427	0.6550	0.2973	0.5752
polish-2nd			0.9508	0.0492	0.6503	0.2990	0.6078
polish-3rd			0.9343	0.0657	0.6412	0.2823	0.6298

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-4th			0.9388	0.0612	0.7168	0.4320	0.6087
polish-5th			0.9374	0.0626	0.7438	0.4861	0.5797
polya			0.7784	0.2216	0.7622	0.5238	0.7188
popularity			0.5781	0.2813	0.5041	0.2730	0.6678
post-operative			0.6667	0.2222	0.3967	0.1818	0.4399
postures			0.9836	0.0066	0.9834	0.9795	0.0416
pred-tox_mutagen_ref-desc			0.7647	0.2353	0.7652	0.5294	0.7238
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4545	0.0496	0.2898	0.4012	0.1670
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6567	0.3433	0.6437	0.2802	0.8446
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9954	0.0018	0.9921	0.9938	0.0174
puc-rio10%			0.9885	0.0046	0.9773	0.9846	0.0323
pufs-128			0.4963	0.4922	0.5072	0.0012	0.9478
pufs-1281%			0.5020	0.4980	0.5020	0.0040	0.9988
pufs-12810%			0.5008	0.4992	0.5008	0.0017	0.9995
pufs-64			0.4963	0.4919	0.4927	0.0026	0.9577
pufs-641%			0.4983	0.5017	0.4983	-0.0033	1.0000
pufs-6410%			0.4965	0.5035	0.4965	-0.0070	1.0000
pulsar			0.9824	0.0176	0.9470	0.8939	0.2266
raisin			0.8889	0.1111	0.8904	0.7778	0.4479
rcv1			0.2427	0.0425	0.0179	-0.0101	0.2781
rcv11%			0.7222	0.0105	0.4382	0.6955	0.3504
rcv110%			0.8122	0.0071	0.5645	0.7933	0.3932
re0-wc			0.8200	0.0277	0.8588	0.7781	0.2565
re1-wc			0.8373	0.0130	0.7869	0.8190	0.1955
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.8386	0.0050	0.4659	0.7871	0.5556
rice			0.9874	0.0126	0.9872	0.9745	0.0914
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6923	0.3077	0.7179	0.4058	0.7413
RT_IOT2022			0.9977	0.0004	0.9667	0.9943	0.0058
satimage			0.9051	0.0316	0.8916	0.8831	0.1580
satimageF			0.9876	0.0124	0.9690	0.9374	0.2071
satimageT			0.9176	0.0824	0.8216	0.6257	0.5710
scadi			0.7143	0.0816	0.4714	0.6316	0.1263
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5294	0.4706	0.5303	0.0588	0.9712
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9654	0.0099	0.9698	0.9595	0.0444
segmentation			0.8713	0.1287	0.8618	0.7229	0.5298
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9109	0.0891	0.6064	0.2111	0.6665
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8053	0.1947	0.5666	0.1332	0.7674
sens-10-gram			0.8425	0.1575	0.6119	0.2170	0.7366
sens-2-gram			0.8605	0.1395	0.6428	0.2724	0.6974
sens-3-gram			0.8658	0.1342	0.6679	0.3271	0.6871
sens-4-gram			0.8158	0.1842	0.5970	0.1939	0.7548
sens-5-gram			0.8526	0.1474	0.6310	0.2539	0.7183
sens-6-gram			0.8632	0.1368	0.6105	0.1780	0.6520

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-7-gram			0.8553	0.1447	0.6015	0.1785	0.6996
sens-8-gram			0.8421	0.1579	0.5964	0.1845	0.7403
sens-9-gram			0.8526	0.1474	0.6310	0.2539	0.7183
sensorless			0.9978	0.0004	0.9978	0.9976	0.0049
sepsis			0.5510	0.4490	0.5881	0.0920	0.4293
shoppers			0.8751	0.1249	0.7978	0.5836	0.6157
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9788	0.0212	0.9114	0.8220	0.3006
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9996	0.0004	0.9994	0.9988	0.0098
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.0600	0.4700	0.0553	-0.2527	0.9396
smk_can_187			0.7895	0.2105	0.7933	0.5730	0.6420
smoking			0.8149	0.1851	0.8158	0.6210	0.6189
soil_pollution			0.1767	0.3293	0.1751	-0.0294	0.8867
solar-flare			0.7266	0.0911	0.6740	0.6604	0.2692
sonar			0.6000	0.4000	0.6094	0.2000	0.8750
soybean			0.9706	0.0031	0.9809	0.9678	0.0165
spam-detection			0.9550	0.0450	0.8845	0.7610	0.4736
spambase			0.9478	0.0522	0.9454	0.8907	0.2795
spect			0.7037	0.2963	0.6649	0.3077	0.7542
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.6792	0.0134	0.3425	0.6609	0.0933
splice-EI			0.9653	0.0347	0.9547	0.9092	0.2535
splice-IE			0.9338	0.0662	0.9097	0.8191	0.3954
sport-articles			0.8200	0.1800	0.8094	0.6182	0.6401
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9190	0.0540	0.8995	0.8688	0.2080
steel-b			0.8256	0.1744	0.7722	0.5334	0.6659
steel-d			0.9897	0.0103	0.9069	0.7950	0.0398
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.8051	0.1949	0.7841	0.5680	0.6764
steel-p			0.9385	0.0615	0.8313	0.6511	0.5507
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9795	0.0205	0.9450	0.8886	0.3044
stellar			0.9735	0.0177	0.9697	0.9531	0.1100
stock			0.9236	0.0764	0.8659	0.7297	0.4443
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0347
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.5850	0.1660	0.4356	0.3736	0.5269
student-depression			0.8366	0.1634	0.8315	0.6631	0.5975
student-habits			0.3300	0.2680	0.2297	0.0042	0.7246
student-weekend			0.3231	0.2708	0.2459	0.0912	0.7781
student-workday			0.7031	0.1187	0.2690	0.2762	0.5224
studentap			0.5385	0.3077	0.5111	0.2909	0.5610
susy			0.7597	0.2365	0.7724	0.5152	0.7141
susy1%			0.8030	0.1970	0.8014	0.6001	0.6520
susy10%			0.8016	0.1984	0.8000	0.5970	0.6535
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn			0.9077	0.0923	0.8811	0.7621	0.4609
texture			0.9782	0.0040	0.9796	0.9759	0.0315

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7872	0.2128	0.5250	0.0486	0.8044
thrombin			0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9684	0.0316	0.9651	0.9299	0.2103
tis			0.8886	0.1114	0.8647	0.7220	0.5221
tis10%			0.8881	0.1119	0.8413	0.6680	0.4588
titanic			0.7591	0.2409	0.7276	0.4549	0.7599
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.7059	0.1471	0.7348	0.6119	0.1908
toxicity			0.6471	0.3529	0.5858	0.1639	0.8952
toxicity-13f			0.8235	0.1765	0.8020	0.5984	0.6209
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6000	0.4000	0.5081	0.0157	0.8761
trec11-wc			0.9268	0.0163	0.8222	0.9100	0.0501
trec12-wc			0.9677	0.0081	0.9812	0.9612	0.0265
trec21-wc			0.9697	0.0101	0.6632	0.9345	0.0259
trec23-wc			0.9048	0.0317	0.8015	0.8618	0.0774
trec31-wc			0.9570	0.0123	0.8217	0.9429	0.0712
trec41-wc			0.9318	0.0136	0.8544	0.9169	0.0750
trec45-wc			0.9275	0.0145	0.8431	0.9149	0.0535
tuandromd			0.9776	0.0224	0.9670	0.9326	0.2233
turkish			0.8000	0.1000	0.7960	0.7333	0.2330
tvnews			0.9493	0.0507	0.9452	0.8902	0.2763
tvnews1%			0.9385	0.0615	0.9336	0.8667	0.3108
tvnews10%			0.9083	0.0917	0.9012	0.8024	0.4225
ur3_cobotops_grip			0.9728	0.0272	0.7587	0.5101	0.4925
ur3_cobotops_stop			0.9755	0.0245	0.8395	0.6770	0.4929
urban			0.8358	0.0365	0.8553	0.8083	0.1543
urinalysis			0.9231	0.0769	0.7283	0.4372	0.6036
url-rep1%			0.9578	0.0422	0.9532	0.9061	0.2576
ustilago			0.9739	0.0097	0.6612	0.0097	0.0379
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9895	0.0105	0.6730	0.0330	0.0399
vehicle			0.7381	0.1310	0.6810	0.6443	0.2592
vehicleVAN			0.9762	0.0238	0.9701	0.9385	0.2027
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6566	0.0624	0.6860	0.6222	0.1936
vowelZ			0.9798	0.0202	0.9363	0.8642	0.0715
vrnormat310k-hg16-17			0.8909	0.1091	0.7328	0.4529	0.6373
wap-wc			0.8269	0.0173	0.7788	0.8074	0.1412
warpar10p			0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.9999	0.0000	0.9998	0.9998	0.0006
watch-acc1%			0.9723	0.0079	0.9719	0.9676	0.0516
watch-acc10%			0.9978	0.0006	0.9977	0.9975	0.0060
watch-gyr			0.9998	0.0000	0.9998	0.9998	0.0006
watch-gyr1%			0.9554	0.0127	0.9542	0.9479	0.0647
watch-gyr10%			0.9957	0.0012	0.9956	0.9950	0.0101
water_pollution			0.2633	0.3683	0.2643	0.0191	0.8503
waveform			0.8540	0.0973	0.8543	0.7810	0.3431
weather-related			0.9731	0.0049	0.9751	0.9695	0.0449
web-phishing			0.8741	0.0840	0.8373	0.7821	0.3898
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9995	0.0002	0.9994	0.9994	0.0018
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9814	0.0186	0.9077	0.8137	0.3903
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6352	0.1216	0.3204	0.4328	0.4858
winequality-white			0.6115	0.1110	0.3964	0.4327	0.5433
winnipeg			0.9967	0.0010	0.9928	0.9958	0.0168
winnipeg10%			0.9932	0.0019	0.9891	0.9915	0.0283
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5878	0.0824	0.4069	0.4718	0.4061
yeastCYT-POX			0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC			0.9595	0.0405	0.6146	0.2292	0.5992
yeastME1			0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2			0.9459	0.0541	0.6564	0.3060	0.6026
zip			0.9441	0.0112	0.9383	0.9374	0.0913

Table 181: Detailed results for RFERNS

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0337	0.0920	0.0517	0.0184	0.4729
abalone19		0.5574	0.4426	0.4709	-0.0035	0.0562
abalone9-18		0.5479	0.4521	0.5809	0.0616	0.2972
accelerometer		0.8212	0.1788	0.6660	0.1253	0.2217
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.7835	0.2165	0.7301	0.4017	0.6181
adult		0.7578	0.2422	0.7571	0.4701	0.6500
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.3651	0.6349	0.4045	-0.0730	0.4179
AID_1431_KlekotaRothFingerprinter		0.4444	0.5556	0.4072	-0.0827	0.4423
AID_1431_MACCSFingerprinter		0.4683	0.5317	0.5289	0.0258	0.4087
AID_1878		0.6381	0.3619	0.5768	0.1341	0.7415
AID_602330		0.3906	0.6094	0.5673	0.0311	0.1869
AID_652128		0.3333	0.4444	0.3854	0.0198	0.4010
AID1284Morered		0.5000	0.5000	0.5308	0.0386	0.5810
AID1284red		0.5556	0.4444	0.5542	0.0740	0.6007
AID1608Morered		0.6505	0.3495	0.5696	0.0762	0.4178
AID1608red		0.6311	0.3689	0.6267	0.1185	0.3357
AID362red		0.6776	0.3224	0.5042	0.0014	0.1208
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.8250	0.5882	0.5283
AID439red		0.7143	0.2857	0.7407	0.3636	0.5000
AID456red		0.5261	0.4739	0.4620	-0.0018	0.0247
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.5500	0.4500	0.5330	0.0625	0.8958
AID644red		0.3500	0.6500	0.3566	-0.2500	0.9246
AID687AID721red		0.5200	0.4800	0.6036	0.0013	0.0036
AID687red		0.5881	0.4119	0.5640	0.0042	0.0239
AID688red		0.4774	0.5226	0.5191	0.0027	0.0609
AID721morered		0.4444	0.5556	0.4696	-0.0465	0.7758
AID721red		0.3333	0.6667	0.4044	-0.1250	0.7560
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8592	0.1408	0.8173	0.6327	0.6065
air_pollution		0.1067	0.2552	0.1407	-0.0028	0.8355
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.9044	0.0956	0.9025	0.8048	0.4200
alcohol		0.5048	0.1981	0.2848	0.2075	0.7110
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8186	0.1814	0.8097	0.6157	0.6379
anneal		0.7528	0.0989	0.7798	0.6080	0.2515
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.8915	0.1085	0.6839	0.1196	0.1789
anuran-family		0.8178	0.0911	0.7341	0.6872	0.4419
anuran-genus		0.8345	0.0414	0.7558	0.7509	0.3404
anuran-species		0.9361	0.0128	0.8611	0.9112	0.1053
anxiety		0.1167	0.1963	0.1123	0.0068	0.8139
apple-quality		0.8450	0.1550	0.8450	0.6900	0.5718
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.4971	0.5029	0.5391	0.0056	0.0584
arcene		0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia		0.1333	0.1733	0.3786	0.1064	0.3725
auction		0.7990	0.2010	0.7584	0.4379	0.5675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.1364	0.1570	0.0838	0.0952	0.3045
audit-risk		0.9872	0.0128	0.9869	0.9734	0.0949
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.4000	0.2000	0.3279	0.2899	0.3587
avila		0.4954	0.0841	0.5039	0.4121	0.6840
babies		0.0081	0.2834	0.0023	0.0000	0.3393
balance		0.7258	0.1828	0.7653	0.5896	0.3174
bank		0.7844	0.2156	0.6941	0.3300	0.6098
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8779	0.1221	0.8671	0.7229	0.4475
basehock		0.8995	0.1005	0.9036	0.7991	0.3880
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9581	0.0419	0.7046	0.2538	0.3574
biodeg		0.8476	0.1524	0.8525	0.6917	0.5363
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.1800	0.2343	0.2506	0.0080	0.1465
bitcoin10%		0.0314	0.1761	0.1993	0.0043	0.2341
body-perf		0.6396	0.1802	0.6365	0.5194	0.5011
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7594	0.5116	0.7058
breast-cancer-co		0.4545	0.5455	0.4500	-0.1000	1.0000
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.5000	0.1429	0.3980	0.3976	0.2125
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.7531	0.2469	0.6865	0.2755	0.5215
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7759	0.1121	0.7493	0.6021	0.4887
car-insurance		0.8060	0.1940	0.7909	0.5748	0.6638
card		0.9130	0.0870	0.9121	0.8181	0.3489
cardiotocography		0.6197	0.0761	0.6837	0.5738	0.3571
cardiotocography-nsp		0.7746	0.1502	0.7227	0.5425	0.5100
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6909	0.5785	0.4585
cas_N6512_cdk_ECFP2		0.6344	0.3656	0.6359	0.2703	0.8904
cas_N6512_rdkit_ATOMPAIR		0.6154	0.3846	0.6200	0.2364	0.9012
cas_N6512_RDkit_AtomPair_FP		0.6534	0.3466	0.6549	0.3082	0.8704
cas_N6512_rdkit_AVALON		0.6513	0.3487	0.6541	0.3055	0.8693
cas_N6512_RDkit_Avalon_FP		0.6564	0.3436	0.6591	0.3156	0.8641
cas_N6512_rdkit_descriptors		0.6877	0.3123	0.6945	0.3812	0.8136
cas_N6512_rdkit_FEATMORGAN		0.6022	0.3978	0.6074	0.2110	0.9116
cas_N6512_RDkit_Featmorgan_FP		0.6288	0.3712	0.6314	0.2606	0.8934
cas_N6512_RDkit_FP		0.7285	0.2715	0.7341	0.4611	0.7615
cas_N6512_rdkit_LAYERED		0.7169	0.2831	0.7187	0.4350	0.7915
cas_N6512_RDkit_Layered_FP		0.7101	0.2899	0.7097	0.4189	0.8068
cas_N6512_rdkit_MACCS		0.6866	0.3134	0.6889	0.3752	0.8299
cas_N6512_RDkit_MACCS_FP		0.6917	0.3083	0.7010	0.3909	0.7991
cas_N6512_rdkit_MORGAN		0.6708	0.3292	0.6719	0.3423	0.8520

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.6595	0.3405	0.6582	0.3163	0.8697
cas_N6512_rdkit_PATTERN		0.6554	0.3446	0.6565	0.3116	0.8694
cas_N6512_RDkit_pattern_FP		0.6580	0.3420	0.6602	0.3182	0.8635
cas_N6512_rdkit_RDKITFP		0.7527	0.2473	0.7581	0.5088	0.7244
cas_N6512_rdkit_TORSION		0.6200	0.3800	0.6286	0.2496	0.8846
ccds1%		0.6758	0.3242	0.5686	0.0543	0.2832
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6529	0.3472	0.6675	0.3151	0.8077
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.8264	0.1736	0.6523	0.2017	0.4309
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.6086	0.3914	0.5684	0.0545	0.3039
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B		0.8953	0.1047	0.7240	0.4180	0.6081
cervical-C		0.7907	0.2093	0.5093	0.0140	0.4983
cervical-H		0.8256	0.1744	0.7265	0.2935	0.4022
cervical-S		0.7674	0.2326	0.6419	0.2280	0.5819
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.8042	0.1958	0.6458	0.0096	0.0170
chrom1910%		0.8649	0.1351	0.6470	0.0125	0.0220
chrom211%		0.0008	0.9992	0.0008	0.0000	0.0023
chronic-kidney		0.7831	0.2169	0.6992	0.2934	0.5035
churn		0.7230	0.2770	0.6990	0.3587	0.6958
churn-bigml		0.7491	0.2509	0.7109	0.3565	0.6175
ci900367j_MACCS		0.6842	0.3158	0.6812	0.3569	0.8248
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.6190	0.2540	0.5431	0.3360	0.6414
cjs		0.8000	0.0667	0.8032	0.7565	0.2220
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7046	0.1477	0.6719	0.5896	0.4583
climate		0.7963	0.2037	0.6784	0.2703	0.5218
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.6800	0.3200	0.7063	0.2661	0.4310
cmc		0.4966	0.3356	0.4948	0.2436	0.7242
cnae-9		0.7593	0.0535	0.7775	0.7292	0.2305
codon_usage		0.4551	0.0991	0.4605	0.3821	0.4806
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.8961	0.1039	0.8794	0.7528	0.4899
collins		0.4200	0.0773	0.4179	0.3785	0.2629
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.7088	0.3584	0.6899
colposcopies-2		0.7241	0.2759	0.6987	0.3927	0.7955
colposcopies-3		0.7241	0.2759	0.7379	0.4579	0.7367
colposcopies-4		0.6207	0.3793	0.5770	0.1493	0.8677
colposcopies-5		0.7241	0.2759	0.7005	0.3446	0.6502
colposcopies-6		0.7586	0.2414	0.7584	0.5155	0.7334
colposcopies-c		0.7931	0.2069	0.7175	0.4351	0.7404
column-2c		0.7742	0.2258	0.7663	0.5210	0.6984
column-3c		0.7097	0.1935	0.6643	0.5404	0.4142
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7764	0.2236	0.7771	0.5531	0.7035
coupon		0.6372	0.3628	0.6374	0.2727	0.8849
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.5107	0.1398	0.5015	0.3405	0.5706
covtypeCD		0.8723	0.1277	0.8250	0.6019	0.5525
covtypeT		0.8034	0.1966	0.7304	0.3317	0.4675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9884	0.0116	0.6852	0.1926	0.2813
crowdsourced		0.6774	0.1075	0.5956	0.4960	0.4878
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn		0.7600	0.2400	0.6487	0.0986	0.2005
cybersecurity		0.1733	0.2756	0.1766	0.0088	0.8753
cyclopentane		0.5185	0.4815	0.5166	0.0331	0.9845
cylinder-bands		0.7222	0.2778	0.7221	0.4414	0.7844
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.5385	0.4615	0.6486	0.1333	0.3113
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.6933	0.3067	0.6689	0.3076	0.7372
defect		0.8056	0.1944	0.7538	0.4655	0.6352
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.7567	0.2433	0.6980	0.3206	0.5838
depressed		0.5385	0.4615	0.5692	0.0979	0.6417
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.1250	0.5833	0.1111	-0.1429	0.6739
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.5625	0.2917	0.5919	0.3563	0.4525
DIA		0.5833	0.4167	0.5969	0.1667	0.7804
diabetes		0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.3725	0.4183	0.4066	0.0852	0.7340
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9667	0.0167	0.9576	0.9544	0.0806
diamonds_all		0.5710	0.1716	0.4826	0.4171	0.5749
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.4583	0.5417	0.4782	-0.0400	0.9695
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.7972	0.2028	0.6050	0.0139	0.0381
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5680	0.4320	0.5674	0.1347	0.9544
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7043	0.1971	0.6833	0.5386	0.5003
drug-01		0.1596	0.2401	0.2061	0.0372	0.7893
drug-02		0.4043	0.1702	0.3043	0.2225	0.7667
drug-03		0.0532	0.2705	0.0472	0.0116	0.4087
drug-04		0.2713	0.2082	0.2610	0.1156	0.6880
drug-05		0.0904	0.2599	0.0820	0.0054	0.5733
drug-06		0.3191	0.1945	0.2711	0.1867	0.6778
drug-07		0.0426	0.2736	0.0233	0.0010	0.4782
drug-08		0.3191	0.1945	0.2248	0.1303	0.7290
drug-09		0.0053	0.2842	0.0017	0.0001	0.3325
drug-10		0.3777	0.1778	0.3252	0.1641	0.6803
drug-11		0.4521	0.1565	0.1946	0.0861	0.6246
drug-12		0.0160	0.2812	0.0610	0.0044	0.4119
drug-13		0.3936	0.1733	0.2403	0.1785	0.7070
drug-14		0.4309	0.1626	0.3389	0.2281	0.7228
drug-15		0.3351	0.1900	0.1515	0.0397	0.7174

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.1755	0.2356	0.1754	0.0843	0.5245
drug-17		0.2447	0.2158	0.2537	0.1093	0.7592
drug-18		0.0000	0.4000	0.0000	0.0000	0.0093
drug-19		0.2872	0.2036	0.1054	0.0571	0.5333
drybean		0.9148	0.0244	0.9235	0.8971	0.1435
ecoli		0.4118	0.1471	0.3123	0.3026	0.2466
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7791	0.5237	0.6384
ecoliMU		0.6364	0.3636	0.5970	0.1200	0.4845
ecoliOM		0.9697	0.0303	0.9024	0.7843	0.4644
ecommerce		0.2400	0.3800	0.2398	-0.0147	0.8485
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.8371	0.1629	0.8361	0.6718	0.5911
eeg10%		0.1641	0.1045	0.2269	0.1250	0.6315
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5342	0.1863	0.5421	0.4128	0.4955
euthyroid		0.7785	0.2215	0.7409	0.3670	0.5029
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9275	0.0725	0.9289	0.8539	0.3143
fakenews		0.5075	0.4925	0.5081	0.0160	0.9931
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.4675	0.0626	0.4608	0.4237	0.4079
fertility		0.3000	0.7000	0.5858	0.0541	0.2820
finance		0.4902	0.5098	0.4852	-0.0295	1.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.9249	0.8462	0.0696
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9038	0.0481	0.8898	0.8686	0.1599
gas		0.9195	0.0268	0.9209	0.9028	0.1279
gastrointestinal		0.4375	0.3750	0.5303	0.1955	0.4653
gender		0.4716	0.3523	0.4732	0.1777	0.6966
gene		0.8864	0.0757	0.8756	0.8204	0.2977
german		0.6700	0.3300	0.6498	0.2979	0.8556
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.8473	0.1527	0.8480	0.6939	0.5590
gisette		0.9129	0.0871	0.9129	0.8257	0.3939
glass		0.6667	0.1111	0.8228	0.5950	0.1930
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP		0.6667	0.3333	0.7042	0.3636	0.7218
glassContainers		0.9545	0.0455	0.8986	0.7755	0.4644
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		0.6364	0.3636	0.6589	0.1287	0.2575
glassVWFP		0.4762	0.5238	0.6201	0.0723	0.2039
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8813	0.7590	0.4804
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.4000	0.3000	0.4771	0.2286	0.5675
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.6667	0.3333	0.6067	0.2105	0.8514
hapt		0.7511	0.0415	0.6606	0.7078	0.2904
har		0.9322	0.0271	0.9313	0.9145	0.1323
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.5801	0.1200	0.5304	0.4963	0.2872
har7010%		0.6460	0.1012	0.5906	0.5639	0.2702
harth		0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth1%		0.6807	0.0532	0.4926	0.5866	0.3426
harth10%		0.7360	0.0440	0.5573	0.6558	0.3648
hayes-roth		0.3750	0.4167	0.4016	0.0533	0.7436
hcc-survival		0.7059	0.2941	0.7286	0.4295	0.7316
health-activity		0.1700	0.4150	0.3594	0.0456	0.4814
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8710	0.1290	0.8745	0.7427	0.4884
heart-c		0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure		0.9700	0.0300	0.9658	0.9312	0.2104
heart-quantum		0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8198	0.1802	0.8202	0.6394	0.6226
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs		0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-9inputs		0.6154	0.3846	0.7174	0.3158	0.5170
higgs0.1%		0.6682	0.3318	0.6677	0.3352	0.8593
higgs1%		0.6861	0.3139	0.6855	0.3708	0.8384
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.1429	0.2143	0.1765	0.0508	0.3465
hinselmann		0.5000	0.5000	0.6644	0.1935	0.4711
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8820	0.1180	0.8349	0.6487	0.5670
hiva		0.7447	0.2553	0.5783	0.0711	0.3059
horse		0.5833	0.2778	0.5204	0.3199	0.6969
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9603	0.0265	0.9610	0.9403	0.1243
htru2		0.9492	0.0508	0.8755	0.7383	0.4966
hypothyroid		0.0133	0.4934	0.3762	0.0102	0.1611
hypothyroidT		0.8966	0.1034	0.8125	0.5493	0.5285
ilpd		0.6102	0.3898	0.6102	0.2032	0.8268
immuno-therapy		0.7778	0.2222	0.8000	0.5263	0.5283
instagram		0.9600	0.0200	0.9603	0.9467	0.0803
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9600	0.0400	0.9613	0.9196	0.1967
isolet		0.8537	0.0113	0.8594	0.8478	0.1122
jm1		0.6777	0.3223	0.6430	0.2523	0.7224
jvowels		0.9578	0.0094	0.9549	0.9523	0.0701
kc1		0.6919	0.3081	0.6317	0.2248	0.6816
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.5333	0.4667	0.3478	-0.1290	0.3873
kc2		0.8077	0.1923	0.8159	0.5674	0.5244
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.7534	0.0379	0.6093	0.6144	0.0266
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2488	0.0835	0.2556	0.1805	0.7851
krvskp		0.9342	0.0658	0.9343	0.8682	0.3227
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5588	0.0384	0.5461	0.5376	0.1165

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.7000	0.0600	0.6964	0.6620	0.1283
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.8965	0.0080	0.8991	0.8923	0.1121
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8333	0.0222	0.8666	0.8210	0.0654
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.9999	0.0001	0.9941	0.9882	0.0754
liver		0.7059	0.2941	0.7441	0.4352	0.6592
loan		0.9555	0.0445	0.9543	0.9068	0.2526
localization		0.2537	0.1357	0.3490	0.2033	0.6113
localization10%		0.1566	0.1534	0.2819	0.1185	0.5912
lrs		0.6792	0.0916	0.5487	0.5798	0.3666
lung		0.8095	0.0762	0.8537	0.7011	0.2421
lung_discrete		0.8750	0.0500	0.9000	0.8431	0.0660
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.3500	0.2600	0.5969	0.2285	0.2686
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.0714	0.4643	0.0333	0.0000	0.2997
lymphoma2		0.4444	0.1852	0.3869	0.3182	0.2732
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.6154	0.3846	0.6163	0.2308	0.9099
magic04		0.8364	0.1636	0.8222	0.6442	0.6124
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8646	0.1354	0.8653	0.7292	0.5220
marketing		0.6429	0.3571	0.6139	0.1768	0.6363
maternal		0.7129	0.1914	0.7192	0.5639	0.5023
math		0.6250	0.1875	0.6277	0.4801	0.3887
mba		0.6177	0.2548	0.5015	0.2485	0.4801
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.1994	-0.0037	0.8686
messidor		0.6348	0.3652	0.6473	0.2834	0.8572
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9330	0.9241	0.0699
meter-D		0.9444	0.0278	0.9583	0.9234	0.0743
mfeat-fac		0.9550	0.0090	0.9558	0.9500	0.0542
mfeat-fou		0.7600	0.0480	0.7657	0.7333	0.1884
mfeat-kar		0.9500	0.0100	0.9511	0.9444	0.0624
mfeat-mor		0.6850	0.0630	0.6865	0.6500	0.2154
mfeat-pix		0.9800	0.0040	0.9806	0.9778	0.0250
mfeat-zer		0.7450	0.0510	0.7409	0.7167	0.1584
mice-prot		0.9907	0.0023	0.9914	0.9894	0.0120
milk		0.9623	0.0252	0.9604	0.9424	0.1017
mines		0.7059	0.1176	0.6945	0.6312	0.3642
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.8545	0.1455	0.8545	0.7090	0.5501
monks-2		0.6557	0.3443	0.7107	0.3605	0.6844
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9902	0.0098	0.9902	0.9803	0.0727
music		0.4139	0.1066	0.4538	0.3381	0.6340
musk		0.8803	0.1197	0.7812	0.5613	0.6268
MUT_ci300400a_cdk_ECFP2		0.6715	0.3285	0.6631	0.3261	0.8592
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.6571	0.3429	0.6505	0.3005	0.8725
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.6823	0.3177	0.6852	0.3650	0.8260
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.7519	0.2481	0.7585	0.5072	0.7198
myocardial		0.3000	0.1750	0.2429	0.0652	0.5355
naticusdroid		0.9216	0.0784	0.9216	0.8432	0.3663
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.5000	0.1667	0.4286	0.4000	0.2097
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.5041	0.0522	0.2353	0.2560	0.7484
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9524	0.0317	0.9462	0.9000	0.1719
new-thyroidT		0.9524	0.0476	0.9211	0.8293	0.4011
newspop		0.6504	0.3496	0.6492	0.2983	0.8799
NHANES_age_prediction		0.8987	0.1013	0.8672	0.6985	0.4954
nomao		0.9086	0.0914	0.8972	0.7881	0.4452
NPHA-doctor-visits		0.3056	0.4630	0.3216	-0.0363	0.7821
nursery		0.0856	0.3657	0.0973	0.0596	0.3555
obesity		0.8104	0.0542	0.8085	0.7788	0.2226
obs		0.8333	0.0833	0.8466	0.7653	0.2958
occupancy		0.9776	0.0224	0.9704	0.9391	0.2049
Occupancy_Estimation		0.9605	0.0197	0.9086	0.8876	0.2365
oh0-wc		0.6040	0.0792	0.6108	0.5574	0.3210
oh10-wc		0.4857	0.1029	0.5178	0.4299	0.4286
oh15-wc		0.6087	0.0783	0.6437	0.5635	0.3273
oh5-wc		0.5824	0.0835	0.5898	0.5352	0.3531
olive		0.9298	0.0156	0.8886	0.9124	0.0449
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.7264	0.2736	0.6692	0.2367	0.5017
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9520	0.0096	0.9546	0.9466	0.0675
optdigitsZ		1.0000	0.0000	1.0000	1.0000	0.0000
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.8400	0.1600	0.8264	0.6528	0.6022
ozone1hr		0.7352	0.2648	0.6786	0.1582	0.2706
ozone8hr		0.7036	0.2964	0.6212	0.1543	0.4656
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7887	0.2113	0.7833	0.5569	0.6763
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8606	0.7154	0.5228
p53-mutants10%		0.6943	0.3057	0.6328	0.0142	0.0291
page-blocks		0.7148	0.1141	0.5760	0.3227	0.4012
parkinson		0.9250	0.0750	0.9271	0.8481	0.3354
parkinsons		0.7820	0.2180	0.7806	0.5543	0.6873
parkinsons-small		0.8421	0.1579	0.8508	0.6587	0.4882
particle		0.8853	0.1147	0.8745	0.7375	0.4974
particle10%		0.8562	0.1438	0.8399	0.6700	0.5722
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.6847	0.3153	0.5631	0.0779	0.4629
pcmac		0.4175	0.5825	0.4656	-0.0363	0.8362
pcos		0.9967	0.0033	0.9949	0.9896	0.0572
pd		0.7500	0.2500	0.7085	0.4062	0.7506

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pediatric-leukemia			0.6765	0.0924	0.7510	0.6226	0.2096
pendigits			0.9718	0.0056	0.9726	0.9686	0.0414
period			0.7778	0.2222	0.8163	0.5714	0.5000
period-10f			0.5556	0.4444	0.5791	0.1429	0.8628
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.8450	0.1550	0.8303	0.6587	0.5967
phishing			0.9551	0.0449	0.9528	0.9053	0.2439
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.6845	0.0901	0.6592	0.6310	0.3401
phone-acc1%			0.7161	0.0811	0.6923	0.6679	0.3121
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.7071	0.0837	0.6864	0.6568	0.3264
phone-gyr1%			0.7540	0.0703	0.7347	0.7120	0.2745
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8019	0.1981	0.8090	0.5822	0.5927
phy			0.6854	0.3146	0.6856	0.3709	0.8389
pima			0.7632	0.2368	0.7593	0.5156	0.7272
pirvision			0.9001	0.0666	0.8544	0.7327	0.3122
placement			0.7850	0.2150	0.7828	0.5640	0.6920
plant-growth			0.6316	0.3684	0.6292	0.2570	0.8973
plrx			0.3889	0.6111	0.4561	-0.0645	0.8276
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.0107	0.2826	0.1936	0.0027	0.5419
poker10%			0.0185	0.2454	0.1043	0.0019	0.6154
polish-1st			0.6188	0.3812	0.6014	0.0703	0.2463
polish-2nd			0.5969	0.4031	0.5599	0.0397	0.2527
polish-3rd			0.6295	0.3705	0.5946	0.0779	0.3010
polish-4th			0.6418	0.3582	0.6168	0.1059	0.3252
polish-5th			0.7547	0.2453	0.6695	0.2263	0.4616
polya			0.7665	0.2335	0.7616	0.5159	0.7149
popularity			0.4689	0.3541	0.4844	0.1922	0.6394
post-operative			0.0000	0.6667	0.0000	0.0000	0.3386
postures			0.9254	0.0299	0.9254	0.9067	0.1364
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6919	0.3824	0.8284
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3333	0.1026	0.3434	0.2826	0.2424
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6418	0.3582	0.6772	0.3152	0.7559
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.9736	0.0106	0.9549	0.9646	0.0805
puc-rio10%			0.9596	0.0162	0.9338	0.9460	0.1132
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.4921	0.5079	0.4921	-0.0158	1.0000
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9370	0.0630	0.8576	0.6945	0.5275
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.1800	0.1262	0.2410	0.1175	0.5574
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.9246	0.0754	0.4804	-0.0390	0.5892
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.9863	0.0137	0.9861	0.9722	0.0970
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6444	0.3556	0.6791	0.3227	0.7748
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8538	0.0487	0.8494	0.8215	0.2055

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimageF			0.9813	0.0187	0.9551	0.9084	0.2788
satimageT			0.8103	0.1897	0.7458	0.4038	0.5497
scadi			0.2857	0.2857	0.2947	0.1667	0.2775
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.6026	0.3974	0.5607	0.0577	0.3746
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9524	0.0136	0.9567	0.9443	0.0671
segmentation			0.7723	0.2277	0.7828	0.5433	0.6587
segmentO			0.9697	0.0303	0.9472	0.8888	0.3193
seismic			0.7519	0.2481	0.6560	0.2038	0.4532
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.6658	0.3342	0.5529	0.0874	0.6654
sens-2-gram			0.7447	0.2553	0.6055	0.1917	0.6974
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9706	0.0053	0.9709	0.9677	0.0382
sepsis			0.5709	0.4291	0.5855	0.0931	0.4445
shoppers			0.7388	0.2612	0.7213	0.3682	0.6019
shuttle			0.7957	0.0584	0.5876	0.5588	0.4074
sick			0.7851	0.2149	0.6993	0.2751	0.4613
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9903	0.0097	0.9857	0.9711	0.1243
skin10%			0.9751	0.0249	0.9650	0.9275	0.2343
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1800	0.4100	0.1705	-0.0847	0.8228
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.1939	-0.0093	0.8771
solar-flare			0.7122	0.0959	0.6483	0.6420	0.2755
sonar			0.8000	0.2000	0.8000	0.6000	0.6644
soybean			0.9118	0.0093	0.9371	0.9040	0.0505
spam-detection			0.8490	0.1510	0.7675	0.4569	0.5537
spambase			0.9043	0.0957	0.8996	0.7988	0.4246
spect			0.7037	0.2963	0.7105	0.3684	0.6735
spectf			0.6571	0.3429	0.6812	0.3226	0.7397
spectrometer			0.3462	0.0484	0.2802	0.3197	0.2151
splice-EI			0.9338	0.0662	0.9218	0.8360	0.3799
splice-IE			0.8328	0.1672	0.8296	0.6194	0.5514
sport-articles			0.7800	0.2200	0.7874	0.5577	0.6602
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7743	0.1505	0.7446	0.6441	0.4058
steel-b			0.7026	0.2974	0.7201	0.3735	0.6374
steel-d			0.8462	0.1538	0.6422	0.1674	0.3670
steel-k			0.9692	0.0308	0.9528	0.9056	0.2424
steel-o			0.7333	0.2667	0.7597	0.4804	0.6649
steel-p			0.7487	0.2513	0.7237	0.3033	0.4387
steel-s			0.9385	0.0615	0.7852	0.5107	0.5484
steel-z			0.9128	0.0872	0.8258	0.6202	0.5630
stellar			0.9206	0.0529	0.9170	0.8645	0.2547
stock			0.7500	0.2500	0.7100	0.3787	0.6749
stockb			0.9956	0.0029	0.9956	0.9934	0.0158

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
streaming			0.8220	0.1780	0.8218	0.6424	0.6202
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.2600	0.2960	0.3608	0.1075	0.5668
student-depression			0.8315	0.1685	0.8271	0.6540	0.6082
student-habits			0.1800	0.3280	0.2164	0.0265	0.7596
student-weekend			0.3077	0.2769	0.3260	0.1427	0.6852
student-workday			0.3594	0.2562	0.1643	0.0822	0.6978
studentap			0.4615	0.3590	0.4804	0.2155	0.6550
susy1%			0.7794	0.2206	0.7772	0.5534	0.7007
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.5218	0.2000	0.5978
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9418	0.0106	0.9437	0.9358	0.0783
theorem			0.8249	0.1751	0.8247	0.6460	0.6112
thoracic			0.6383	0.3617	0.4943	-0.0101	0.7263
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8947	0.1053	0.8683	0.7295	0.4423
tic-tac-toe			0.8632	0.1368	0.8591	0.7093	0.5321
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8209	0.1791	0.7746	0.5454	0.6756
titanic			0.7955	0.2045	0.7581	0.5123	0.6962
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.8058	0.6895	0.1769
toxicity			0.5882	0.4118	0.6439	0.2420	0.7707
toxicity-13f			0.8235	0.1765	0.8163	0.6277	0.6246
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.5733	0.4267	0.5582	0.1031	0.8099
trec12-wc			0.1613	0.2097	0.1532	0.0974	0.4503
trec21-wc			0.2424	0.3030	0.3814	0.1186	0.4032
trec23-wc			0.0476	0.3175	0.0476	-0.0742	0.5853
trec31-wc			0.6452	0.1183	0.7030	0.5632	0.3089
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9641	0.0359	0.9493	0.8948	0.2991
turkish			0.7500	0.1250	0.7525	0.6667	0.3200
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9154	0.0846	0.9088	0.8176	0.3974
tvnews10%			0.8712	0.1288	0.8627	0.7252	0.5271
ur3_cobotops_grip			0.7007	0.2993	0.6141	0.0866	0.2540
ur3_cobotops_stop			0.7116	0.2884	0.6092	0.0925	0.2869
urban			0.7313	0.0597	0.7563	0.6875	0.2176
urinalysis			0.7692	0.2308	0.6526	0.1924	0.4278
ustilago1%			0.5586	0.4414	0.5531	0.0097	0.0695
vehicle			0.7500	0.1250	0.6929	0.6603	0.2516
vehicleVAN			0.8810	0.1190	0.8778	0.7260	0.4574
voice			0.7500	0.2500	0.7989	0.5263	0.5112
vote			0.9535	0.0465	0.9535	0.9069	0.2525
vowel			0.5354	0.0845	0.5724	0.4889	0.2528
vowelZ			0.8788	0.1212	0.8092	0.5417	0.5288
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.6154	0.0769	0.4847	0.5667	0.1265
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.6975	0.0864	0.6922	0.6460	0.3487
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.7222	0.0794	0.7178	0.6755	0.3336

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-gyr1%			0.6999	0.0857	0.6931	0.6494	0.3453
watch-gyr10%			0.7106	0.0827	0.7059	0.6619	0.3458
water_pollution			0.1933	0.4033	0.1933	-0.0737	0.8869
waveform			0.8300	0.1133	0.8400	0.7451	0.3248
weather-related			0.8404	0.0290	0.8575	0.8215	0.1751
web-phishing			0.7037	0.1975	0.6176	0.5225	0.4894
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.8329	0.0669	0.8433	0.7908	0.2701
white-clover			0.0000	0.5000	0.0000	0.0000	0.2620
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.8696	0.1304	0.7384	0.3620	0.4826
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.2390	0.2537	0.3312	0.0997	0.6537
winequality-white			0.2352	0.2185	0.2275	0.1011	0.6253
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9531	0.0134	0.9031	0.9411	0.1656
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7496	0.7322	0.0687
yeast			0.4392	0.1122	0.3383	0.3353	0.5423
yeastCYT-POX			0.6122	0.3878	0.5330	0.0231	0.2720
yeastEXC			0.8649	0.1351	0.7171	0.2510	0.3467
yeastME1			0.9122	0.0878	0.7501	0.3526	0.4283
yeastME2			0.8243	0.1757	0.6948	0.2586	0.4285
zip			0.9043	0.0191	0.8979	0.8930	0.1405

Table 182: Detailed results for RFERNS(P)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0096	0.0943	0.0017	0.0034	0.4052
abalone19		0.5933	0.4067	0.4810	-0.0025	0.0584
abalone9-18		0.5205	0.4795	0.6342	0.0962	0.2417
accelerometer		0.7246	0.2754	0.6499	0.0801	0.1577
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.2957	0.7043	0.5768	0.0528	0.3696
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.6073	0.1309	0.6657	0.5288	0.2572
AID_1431		0.3730	0.6270	0.4946	-0.0040	0.3839
AID_1431_KlekotaRothFingerprinter		0.7063	0.2937	0.4140	-0.1399	0.5771
AID_1431_MACCSFingerprinter		0.4841	0.5159	0.5604	0.0549	0.3975
AID_1878		0.4000	0.6000	0.5627	0.0666	0.5559
AID_602330		0.5573	0.4427	0.4823	-0.0109	0.2636
AID_652128		0.1616	0.5589	0.3236	-0.0351	0.3555
AID1284Morered		0.6667	0.3333	0.6035	0.1660	0.6472
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.9223	0.0777	0.5965	0.1660	0.6184
AID1608red		0.8058	0.1942	0.6051	0.1550	0.4992
AID362red		0.3084	0.6916	0.4437	-0.0078	0.0831
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.6038	0.3962	0.4838	-0.0003	0.0095
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.2857	0.7143	0.5833	0.0541	0.3467
AID456red		0.0030	0.9970	0.0030	0.0000	0.0086
AID604		0.2994	0.7006	0.4857	-0.0006	0.0216
AID604AID644_AllRed		0.0488	0.9512	0.5120	0.0001	0.0030
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.8000	0.2000	0.7619	0.4118	0.3750
AID687AID721red		0.5321	0.4679	0.5079	0.0001	0.0052
AID687red		0.0895	0.9105	0.5217	0.0006	0.0095
AID688red		0.1478	0.8522	0.5159	0.0013	0.0359
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.3333	0.6667	0.4044	-0.1250	0.7560
AID746AID1284red		0.4576	0.5424	0.5937	0.0017	0.0053
AID746red		0.6367	0.3633	0.5203	0.0027	0.0519
aids		0.6714	0.3286	0.6039	0.2029	0.8340
air_pollution		0.1000	0.2571	0.0762	0.0029	0.6584
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.6034	0.3966	0.6239	0.2310	0.8655
alcohol		0.4762	0.2095	0.2934	0.1388	0.5595
all-aml		0.6667	0.3333	0.7500	0.4000	0.5283
alzheimers		0.4372	0.5628	0.4448	-0.1030	0.9622
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.9459	0.0541	0.9095	0.8021	0.1598
anuran-f-b		0.8595	0.1405	0.6734	0.0918	0.1448
anuran-family		0.6467	0.1766	0.5627	0.4214	0.5665
anuran-genus		0.5716	0.1071	0.5112	0.4167	0.5280
anuran-species		0.7403	0.0519	0.6757	0.6620	0.3121
anxiety		0.0667	0.2074	0.0426	-0.0514	0.6177
apple-quality		0.6100	0.3900	0.6107	0.2200	0.9160
aps-failure		0.8575	0.1425	0.6668	0.1489	0.2631
arabidopsis		0.6758	0.3242	0.5053	0.0010	0.0728
arabidopsis0.1%		0.3265	0.6735	0.4974	-0.0003	0.0503
arabidopsis1%		0.6743	0.3257	0.5027	0.0005	0.0718
arabidopsis10%		0.3703	0.6297	0.5247	0.0025	0.0457

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.6561	0.2593	0.7573
arrhythmia		0.0444	0.1911	0.0241	0.0067	0.3940
auction		0.5245	0.4755	0.6259	0.1429	0.4711
audiology		0.3182	0.1240	0.0891	0.1008	0.2912
audit-risk		0.9231	0.0769	0.9275	0.8445	0.3090
autism-adolescent		0.5455	0.4545	0.5345	0.0678	0.9438
autism-adult		0.8286	0.1714	0.7767	0.5518	0.6576
autism-child		0.7586	0.2414	0.7986	0.5246	0.4644
autos		0.2500	0.3000	0.1830	0.1228	0.4500
avila		0.2386	0.1269	0.1851	0.1647	0.5945
babies		0.0161	0.2811	0.0117	0.0060	0.3827
balance		0.6290	0.2473	0.4334	0.3030	0.4915
bank		0.8286	0.1714	0.6189	0.2348	0.7159
banknote		0.9051	0.0949	0.9089	0.8107	0.3863
bankruptcy		0.7600	0.2400	0.7796	0.5312	0.6523
barleyblumeria		0.7281	0.2719	0.6960	0.3875	0.7955
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.7798	0.2202	0.6310	0.0478	0.1054
bio10%		0.7639	0.2361	0.6007	0.0331	0.0996
biodeg		0.6190	0.3810	0.6734	0.2941	0.7418
biomed		0.7619	0.2381	0.8077	0.5494	0.4929
bitcoin		0.0015	0.0908	0.0008	0.0008	0.0376
bitcoin1%		0.0045	0.2844	0.0080	0.0032	0.0366
bitcoin10%		0.0000	0.1818	0.0000	0.0000	0.0186
body-perf		0.3433	0.3284	0.3156	0.1244	0.6167
brain-tumor		0.4780	0.5220	0.4751	-0.0453	0.9867
breast-cancer		0.4643	0.5357	0.5913	0.1176	0.6833
breast-cancer-co		0.3636	0.6364	0.3682	-0.2222	1.0000
breast-cancer-ma		0.4545	0.5455	0.4777	-0.0312	0.9055
breast-tissue		0.6364	0.1212	0.5696	0.5686	0.1639
bridges		0.2000	0.2667	0.1282	0.1111	0.3240
bub10at310k-hg16-17		0.7034	0.2966	0.6483	0.2031	0.5044
bub12at310k-hg16-17		0.6661	0.3339	0.6270	0.1635	0.4875
bub8at310k-hg16-17		0.6906	0.3094	0.6483	0.1976	0.4922
cad		0.5667	0.4333	0.6189	0.1975	0.7729
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9710	0.0290	0.9696	0.9373	0.1858
cancer-uae		0.1820	0.5453	0.3162	-0.0129	0.6650
car		0.2471	0.3764	0.3111	0.0531	0.6024
car-insurance		0.6900	0.3100	0.6825	0.3514	0.7938
card		0.7536	0.2464	0.7440	0.4821	0.7376
cardiotocography		0.2629	0.1474	0.3781	0.2162	0.5060
cardiotocography-nsp		0.5023	0.3318	0.6069	0.2712	0.4412
cardiovascular		0.5996	0.4004	0.6034	0.1993	0.9070
cargo2k		0.4619	0.3587	0.5248	0.2042	0.5488
cars		0.6250	0.2500	0.5882	0.3976	0.5750
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4969	0.5031	0.5157	0.0270	0.9355
cas_N6512_RDkit_AtomPair_FP		0.5215	0.4785	0.5580	0.0857	0.8437
cas_N6512_rdkit_AVALON		0.4762	0.5238	0.5221	0.0180	0.7396
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.5646	0.4354	0.5824	0.1509	0.9017
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.6012	0.3988	0.5991	0.1981	0.9279
cas_N6512_rdkit_LAYERED		0.5077	0.4923	0.4998	-0.0005	0.9960
cas_N6512_RDkit_Layered_FP		0.5920	0.4080	0.6017	0.1960	0.9074
cas_N6512_rdkit_MACCS		0.5530	0.4470	0.5948	0.1450	0.8110

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.5537	0.4463	0.6100	0.1509	0.7478
cas_N6512_rdkit_PATTERN		0.5092	0.4908	0.5448	0.0641	0.8483
cas_N6512_RDkit_pattern_FP		0.5874	0.4126	0.5884	0.1760	0.9348
cas_N6512_rdkit_RDKITFP		0.6375	0.3625	0.6422	0.2802	0.8787
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.6797	0.3203	0.5129	0.0104	0.2985
ccds1%		0.3654	0.6346	0.5187	0.0076	0.1890
ccds10%		0.2946	0.7054	0.5333	0.0120	0.1639
cdc_diabetes		0.5512	0.2992	0.3551	0.0420	0.5738
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.4421	0.5579	0.5084	0.0043	0.2370
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.7578	0.2422	0.5602	0.0708	0.4029
CDS49_AID687_Rdkit-ecfp4-fp		0.0439	0.9561	0.4772	-0.0004	0.0102
census		0.1663	0.8337	0.5049	0.0018	0.2182
census10%		0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.5000	0.5000	0.5471	0.0385	0.3510
cervical-C		0.5698	0.4302	0.4939	-0.0051	0.3488
cervical-H		0.4302	0.5698	0.5467	0.0250	0.2301
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2161	0.3919	0.2377	0.0257	0.6153
chrom19		0.8939	0.1061	0.6487	0.0144	0.0247
chrom191%		0.5156	0.4844	0.6033	0.0025	0.0070
chrom1910%		0.8399	0.1601	0.6433	0.0103	0.0187
chrom21		0.0002	0.9998	0.0002	0.0000	0.0005
chrom211%		0.3462	0.6538	0.2572	-0.0016	0.0080
chrom2110%		0.0002	0.9998	0.0002	0.0000	0.0007
chronic-kidney		0.4639	0.5361	0.4987	-0.0011	0.3886
churn		0.5580	0.4420	0.5881	0.1364	0.7031
churn-bigml		0.6592	0.3408	0.6436	0.2213	0.6148
ci900367j_MACCS		0.4737	0.5263	0.5365	0.0557	0.8523
circles		0.5200	0.0096	0.4940	0.5152	0.1207
cirrhosis		0.3571	0.4286	0.3200	0.1562	0.4475
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6000	0.4000	0.7122	0.3043	0.5307
clave		0.4880	0.2560	0.4029	0.2882	0.6868
climate		0.2963	0.7037	0.5034	0.0019	0.3040
cll_sub_111		0.2500	0.5000	0.4050	0.0847	0.3869
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4694	0.3537	0.4759	0.2103	0.7417
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2118	0.1433	0.2171	0.1446	0.4863
coil20		0.3125	0.0688	0.2153	0.2766	0.2807
college		0.8312	0.1688	0.8056	0.6039	0.6339
collins		0.1200	0.1173	0.0408	0.0733	0.3774
colon-tumor		0.6667	0.3333	0.6250	0.2500	0.8750
colposcopies-1		0.5517	0.4483	0.5601	0.1129	0.8996
colposcopies-2		0.4138	0.5862	0.4711	-0.0423	0.8919
colposcopies-3		0.5172	0.4828	0.5145	0.0287	0.9760
colposcopies-4		0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5		0.6897	0.3103	0.6245	0.2209	0.7190
colposcopies-6		0.6552	0.3448	0.6643	0.3160	0.8391
colposcopies-c		0.7586	0.2414	0.5904	0.1288	0.7232
column-2c		0.5161	0.4839	0.5617	0.1040	0.8413
column-3c		0.6129	0.2581	0.6034	0.4142	0.5347
comedy_comparisons		0.4803	0.5197	0.3245	0.0000	0.5302

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%		0.4827	0.5173	0.3256	0.0000	0.5300
connect-4		0.8656	0.0896	0.4546	0.1723	0.1459
cottonmeloidogyne		0.6274	0.3726	0.6274	0.2548	0.9033
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covtype		0.0136	0.2818	0.0148	0.0033	0.3668
covtype10%		0.0367	0.2752	0.1643	0.0124	0.4026
covtypeCD		0.1695	0.8305	0.5313	0.0081	0.3235
covtypeT		0.5314	0.4686	0.6390	0.1173	0.2982
crabs		0.7500	0.1250	0.7957	0.6667	0.2124
creditcard_trans		0.5487	0.4513	0.5888	0.0032	0.0120
creditcard_trans10%		0.7805	0.2195	0.5813	0.0060	0.0226
crowdsourced		0.2111	0.2630	0.3037	0.0931	0.4877
cryotherapy		0.4444	0.5556	0.3077	0.0000	0.5302
cultivars		0.2188	0.0488	0.1772	0.1935	0.2288
customer-churn		0.6450	0.3550	0.6181	0.0552	0.1501
cybersecurity		0.1567	0.2811	0.0724	-0.0068	0.4974
cyclopentane		0.5185	0.4815	0.5166	0.0331	0.9845
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve		0.6154	0.3846	0.3810	-0.1404	0.4667
dating		0.0984	0.1803	0.0179	0.0000	0.4075
day1%		0.6419	0.3581	0.3910	0.0000	0.4792
dbworld		0.4286	0.5714	0.3000	-0.2727	1.0000
default		0.6150	0.3850	0.6040	0.1806	0.7598
defect		0.5648	0.4352	0.6412	0.1875	0.5547
dementia		0.4900	0.5100	0.4943	-0.0111	0.9909
deposit		0.3530	0.6470	0.5183	0.0155	0.4431
depressed		0.6783	0.3217	0.5616	0.1137	0.7593
dermatology		0.3243	0.2252	0.2646	0.2253	0.3514
desharnais		0.2500	0.5000	0.3077	0.1111	0.4515
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.2500	0.5000	0.1333	0.0000	0.4234
DIA		0.4000	0.6000	0.4309	-0.1077	0.8261
diabetes		0.7692	0.2308	0.7985	0.5543	0.5871
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.6591	0.3409	0.6725	0.2882	0.6776
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.6667	0.1667	0.6509	0.5562	0.3563
diamonds_all		0.4055	0.2378	0.1872	0.0866	0.4671
dishonest		0.6875	0.3125	0.6169	0.2308	0.8655
dlbcl-harvard-outcome		0.6000	0.4000	0.7059	0.2857	0.5283
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.3750	0.6250	0.3798	-0.2329	1.0000
dlbcl-stanford		0.4000	0.6000	0.4167	-0.1538	0.9932
dna0.1%		0.9400	0.0600	0.4845	-0.0054	0.0793
dna1%		0.4190	0.5810	0.5223	0.0009	0.0181
dna10%		0.7901	0.2099	0.5147	0.0016	0.0350
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5332	0.4668	0.5210	0.0309	0.8895
dota210%		0.5204	0.4796	0.4921	-0.0066	0.7866
drebin		0.6480	0.3520	0.6370	0.2722	0.8757
dropout		0.5102	0.3266	0.5332	0.2597	0.6152
drug-01		0.1011	0.2568	0.1344	-0.0002	0.7205
drug-02		0.4521	0.1565	0.1456	0.1493	0.3815

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-03		0.1702	0.2766	0.2165	0.0349	0.5427
drug-04		0.0638	0.2675	0.0344	0.0103	0.4144
drug-05		0.0213	0.2796	0.0111	-0.0060	0.2979
drug-06		0.2340	0.2188	0.2021	0.1071	0.6199
drug-07		0.1064	0.2979	0.0533	0.0020	0.4219
drug-08		0.0213	0.2796	0.0119	0.0057	0.3747
drug-09		0.0160	0.3280	0.0104	-0.0026	0.1884
drug-10		0.2500	0.2143	0.1828	0.0684	0.7046
drug-11		0.2500	0.2143	0.1932	0.0280	0.4216
drug-12		0.6596	0.1135	0.1585	-0.0064	0.2882
drug-13		0.1330	0.2477	0.1435	0.0414	0.5478
drug-14		0.3351	0.1900	0.1387	0.0892	0.3578
drug-15		0.1809	0.2340	0.2016	0.0452	0.5977
drug-16		0.3404	0.2199	0.1533	0.0993	0.4055
drug-17		0.1436	0.2447	0.2350	0.0493	0.5703
drug-18		0.6968	0.3032	0.4107	-0.0106	0.0512
drug-19		0.0106	0.2827	0.0106	0.0039	0.2552
drybean		0.7818	0.0623	0.7582	0.7391	0.3042
ecoli		0.0588	0.3137	0.0741	0.0242	0.3411
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.4545	0.5455	0.6468	0.1586	0.4858
ecoliMU		0.6364	0.3636	0.5970	0.1200	0.4845
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2300	0.3850	0.1593	-0.0226	0.5826
eeg		0.1381	0.1077	0.2311	0.1044	0.6726
eeg-eye		0.6796	0.3204	0.6920	0.3701	0.8045
eeg10%		0.0525	0.1184	0.0554	0.0321	0.5559
email_phishing		0.4971	0.5029	0.5214	0.0044	0.0871
eucalyptus		0.4247	0.2301	0.3390	0.2256	0.4839
euthyroid		0.1614	0.8386	0.5436	0.0146	0.2458
exon.vs.intron-freq		0.5743	0.4257	0.5859	0.1617	0.9116
exon.vs.intron-freq10%		0.7184	0.2816	0.7171	0.4337	0.7961
fakenews		0.5525	0.4475	0.5643	0.1095	0.8921
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.6000	0.4000	0.6774	0.2000	0.3900
finance		0.5686	0.4314	0.5558	0.1081	0.9492
financial-risk		0.0680	0.3107	0.1406	0.0139	0.4377
fishcatch		0.6250	0.1250	0.7368	0.5556	0.1362
flags		0.1500	0.2429	0.0373	0.0000	0.3663
fonts		0.1111	0.0116	0.0746	0.1010	1.0000
fonts10%		0.0294	0.0127	0.0086	0.0216	0.4255
forest		0.4615	0.2692	0.4975	0.2849	0.6218
gas		0.7671	0.0776	0.7645	0.7195	0.3231
gastrointestinal		0.3750	0.4167	0.3632	0.1837	0.4758
gender		0.4000	0.4000	0.4154	0.1081	0.6972
gene		0.3375	0.4416	0.3619	0.0393	0.7955
german		0.4100	0.5900	0.5780	0.0575	0.6012
gestures		0.3390	0.3305	0.3459	0.1195	0.7483
gina		0.6138	0.3862	0.6186	0.2219	0.8764
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.4286	0.1905	0.5752	0.3039	0.3283
glass-g2		0.6875	0.3125	0.6789	0.3548	0.8301
glassBWFP		0.6190	0.3810	0.6415	0.2632	0.8356
glassBWNFP		0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers		0.3636	0.6364	0.6031	0.0723	0.2820
glassNW		0.8571	0.1429	0.8183	0.6316	0.6070
glassTableware		0.5000	0.5000	0.3333	-0.0901	0.2779

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
glassVWFP			0.6190	0.3810	0.6557	0.1250	0.2575
GlaucomaM			0.7368	0.2632	0.7449	0.4633	0.6993
gli_85			0.6250	0.3750	0.5749	0.1429	0.8433
glioma			0.4000	0.4000	0.2222	0.0625	0.4447
glioma-grade			0.7262	0.2738	0.7385	0.4609	0.7388
green			0.4000	0.6000	0.4762	-0.0345	0.8322
grub-damage			0.4000	0.3000	0.2500	0.1509	0.4152
gsalc			0.5556	0.1481	0.5286	0.4545	0.2253
haberman			0.4667	0.5333	0.4797	-0.0345	0.8522
hapt			0.4346	0.0942	0.2967	0.3654	0.2224
har			0.3359	0.2656	0.3282	0.1589	0.7672
har70			0.5890	0.1174	0.5752	0.5057	0.3075
har701%			0.4442	0.1588	0.3918	0.3336	0.3552
har7010%			0.4681	0.1520	0.5070	0.3878	0.3256
harth			0.6606	0.0566	0.4611	0.5616	0.4919
harth1%			0.4728	0.0879	0.2810	0.3544	0.4900
harth10%			0.3079	0.1153	0.2020	0.2016	0.5609
hayes-roth			0.2500	0.5000	0.3210	-0.0213	0.6341
hcc-survival			0.4118	0.5882	0.4496	-0.0759	0.9298
health-activity			0.0400	0.4800	0.0884	0.0000	0.4683
heart			0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack			0.5161	0.4839	0.5279	0.0530	0.9592
heart-c			0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure			0.6940	0.3060	0.7061	0.3843	0.7474
heart-quantum			0.8600	0.1400	0.8565	0.6957	0.4638
hepatitis			0.7333	0.2667	0.6779	0.3333	0.7333
hepmass			0.7735	0.2265	0.7893	0.5469	0.6115
hepmass1%			0.6383	0.3617	0.6395	0.2772	0.8872
hepmass10%			0.8109	0.1891	0.8117	0.6220	0.6385
hERG-121inputs			0.7143	0.2857	0.6500	0.3000	0.8322
hERG-64inputs			0.5714	0.4286	0.7000	0.2759	0.5239
hERG-9inputs			0.6923	0.3077	0.5667	0.1333	0.8605
higgs			0.5871	0.4129	0.5850	0.1699	0.9403
higgs0.1%			0.5036	0.4964	0.5020	0.0039	0.9975
higgs1%			0.5223	0.4777	0.5219	0.0437	0.9851
higgs10%			0.5605	0.4395	0.5610	0.1218	0.9580
higher			0.1429	0.2143	0.0588	0.0000	0.4022
hinselmann			0.6000	0.4000	0.7059	0.2857	0.5000
hitters			0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa			0.1703	0.8297	0.1455	0.0000	0.3518
hiva			0.0355	0.9645	0.0342	0.0000	0.0954
horse			0.6111	0.2593	0.5945	0.3226	0.5409
hotel-reservartions			0.6723	0.3277	0.4020	0.0000	0.4608
hr			0.1368	0.8632	0.1204	0.0000	0.3017
ht-sensor			0.8118	0.1255	0.8147	0.7179	0.4026
ht-sensor10%			0.8572	0.0952	0.8593	0.7856	0.3340
htru2			0.9089	0.0911	0.8140	0.5925	0.5703
hypothyroid			0.0345	0.4828	0.0300	0.0031	0.1826
hypothyroidT			0.1883	0.8117	0.5517	0.0207	0.2105
ilpd			0.4746	0.5254	0.6243	0.1505	0.6148
immuno-therapy			0.3333	0.6667	0.4044	-0.1250	0.7560
instagram			0.6333	0.1833	0.6751	0.5111	0.3407
ionosphere			0.7714	0.2286	0.8108	0.5570	0.5085
iris			0.7333	0.1778	0.7642	0.5745	0.2627
irish			0.7000	0.3000	0.7633	0.4327	0.5023
isolet			0.3466	0.0503	0.3437	0.3205	0.4458
jm1			0.7043	0.2957	0.6518	0.2774	0.7348
jvowels			0.6677	0.0739	0.6975	0.6265	0.3656

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1		0.8389	0.1611	0.6396	0.2618	0.7134
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.0769	0.3692	0.0364	0.0000	0.3306
kc1-class-level-top5percentDF		0.4667	0.5333	0.6250	0.0909	0.2575
kc2		0.7692	0.2308	0.7923	0.5055	0.5303
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.5176	0.0482	0.0746	0.3144	0.1189
kddcup991%		0.7874	0.0327	0.1787	0.6372	0.0864
kddcup9910%		0.5682	0.0455	0.0590	0.2625	0.0989
kepler		0.4592	0.3605	0.4648	0.1821	0.7425
kidney		0.0555	0.3778	0.0651	0.0005	0.5090
kidney-disease		0.8500	0.1500	0.8460	0.6883	0.5660
krkopt		0.1422	0.0953	0.1033	0.0713	0.5796
krvskp		0.5549	0.4451	0.5901	0.1348	0.8110
la1s-wc		0.2317	0.2561	0.0627	0.0000	0.3731
la2s-wc		0.1623	0.2792	0.0465	0.0000	0.3810
labor		0.6667	0.3333	0.6250	0.2500	0.8750
leaf		0.6176	0.0332	0.5965	0.5960	0.1264
led24		0.4500	0.1222	0.4255	0.3820	0.2419
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.5825	0.0321	0.5850	0.5658	0.3970
leukemia		0.2857	0.4762	0.3333	-0.0294	0.6640
leukemia2		0.4286	0.5714	0.3000	0.0000	0.5288
libra		0.5833	0.0556	0.5580	0.5504	0.1844
linkage		0.7812	0.2188	0.6466	0.0251	0.0458
linkage1%		0.7697	0.2303	0.5362	0.0048	0.0432
linkage10%		0.9952	0.0048	0.8334	0.6020	0.5295
liver		0.6765	0.3235	0.6393	0.2780	0.8579
loan		0.4801	0.5199	0.5635	0.0878	0.7902
localization		0.0426	0.1741	0.0182	0.0208	0.3784
localization10%		0.0607	0.1708	0.0190	-0.0004	0.4172
lrs		0.4340	0.1617	0.3136	0.2713	0.4346
lung		0.1429	0.3429	0.1154	0.0526	0.3530
lung_discrete		0.3750	0.2500	0.3733	0.2453	0.2788
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.1500	0.3400	0.1713	0.0957	0.3592
lung-cancer-harvard2		0.5000	0.5000	0.4474	-0.0800	0.7065
lung-cancer-michigan		0.3333	0.6667	0.5970	0.0690	0.3113
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.4444	0.5556	0.4500	-0.0976	1.0000
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.2222	0.2593	0.2456	0.1250	0.3150
machine-failure		0.8936	0.1064	0.8900	0.7792	0.4498
madelon		0.5000	0.5000	0.5000	0.0000	0.9962
magic04		0.7754	0.2246	0.7587	0.5164	0.7233
malware		0.9730	0.0270	0.9554	0.9068	0.0972
mammography		0.6354	0.3646	0.7137	0.3000	0.5142
marketing		0.3348	0.6652	0.5292	0.0256	0.4871
maternal		0.7228	0.1848	0.7323	0.5828	0.4999
math		0.1500	0.4250	0.2570	0.0334	0.5420
mba		0.5597	0.2935	0.3758	0.0545	0.5355
mental-disorders		0.5000	0.2500	0.5000	0.3333	0.4899
mental-health		0.1833	0.3267	0.1482	-0.0217	0.7372
messidor		0.6522	0.3478	0.6683	0.3205	0.8264
meter-A		0.5000	0.5000	0.5333	0.0588	0.9056

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-B		0.6667	0.2222	0.7435	0.5179	0.3137
meter-C		0.6667	0.1667	0.7430	0.5680	0.3203
meter-D		0.8333	0.0833	0.8622	0.7682	0.1815
mfeat-fac		0.5500	0.0900	0.6096	0.5000	0.3632
mfeat-fou		0.3000	0.1400	0.3076	0.2222	0.6131
mfeat-kar		0.4000	0.1200	0.4246	0.3333	0.5318
mfeat-mor		0.6800	0.0640	0.6813	0.6444	0.2288
mfeat-pix		0.4000	0.1200	0.3856	0.3333	0.5039
mfeat-zer		0.4450	0.1110	0.4459	0.3833	0.4731
mice-prot		0.5093	0.1227	0.5583	0.4435	0.4380
milk		0.7925	0.1384	0.8271	0.6944	0.2965
mines		0.4706	0.2118	0.4275	0.3348	0.5205
mobile		0.2238	0.0277	0.2484	0.2089	0.3456
monks-1		0.6909	0.3091	0.7064	0.3771	0.7400
monks-2		0.7377	0.2623	0.7425	0.4672	0.7258
monks-3		0.6607	0.3393	0.6651	0.3249	0.8531
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		0.7196	0.2804	0.7591	0.4272	0.5143
music		0.1822	0.1487	0.1510	0.1131	0.6067
musk		0.7667	0.2333	0.7043	0.3661	0.6615
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.5952	0.4048	0.5790	0.1567	0.9362
myocardial		0.0176	0.2456	0.0100	-0.0056	0.2546
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.5000	0.1667	0.4545	0.4000	0.1534
nci9		0.3333	0.2222	0.2667	0.2000	0.2565
ncRNA		0.4698	0.0558	0.2426	0.2095	0.8457
ncRNA1%		0.0117	0.1040	0.0364	0.0005	0.1657
ncRNA10%		0.4683	0.0560	0.2311	0.2398	0.8220
neo		0.7187	0.2813	0.6670	0.2397	0.5231
new-thyroid		0.6667	0.2222	0.7621	0.4787	0.3516
new-thyroidT		0.7143	0.2857	0.7407	0.3636	0.5000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.5600	0.4400	0.5517	0.0966	0.9401
NHANES_age_prediction		0.5154	0.4846	0.6281	0.1553	0.5232
nomao		0.8508	0.1492	0.8202	0.6399	0.6059
NPHA-doctor-visits		0.2361	0.5093	0.2590	0.0481	0.5005
nursery		0.3588	0.3206	0.2307	0.1794	0.3393
obesity		0.1611	0.2397	0.1017	0.0265	0.5782
obs		0.7593	0.1204	0.8018	0.6628	0.3132
occupancy		0.9864	0.0136	0.9816	0.9624	0.1468
Occupancy_Estimation		0.8687	0.0656	0.7108	0.6556	0.3074
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0543	0.1891	0.0103	0.0000	0.4046
oh5-wc		0.0659	0.1868	0.0124	0.0000	0.4050
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.6140	0.0858	0.6116	0.5476	0.2180

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
opn310k			0.6922	0.3078	0.6319	0.1788	0.5070
opn310k10%			0.1830	0.8170	0.5402	0.0164	0.2485
opnat310k-hg16-17			0.6535	0.3465	0.6293	0.1619	0.4752
optdigits			0.3238	0.1352	0.3326	0.2503	0.5334
optdigitsZ			0.9288	0.0712	0.8402	0.6545	0.5481
orl			0.4250	0.0288	0.3588	0.4103	0.1190
orlraws10P			0.5000	0.1000	0.4253	0.4444	0.1700
ovarian-cancer			0.5200	0.4800	0.4792	-0.0417	0.9811
ozone1hr			0.2134	0.7866	0.5547	0.0158	0.1146
ozone8hr			0.3399	0.6601	0.4987	-0.0008	0.3275
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7062	0.2938	0.6456	0.2676	0.8030
P-Glycoprotein_c_RDkit_AtomPair_FP			0.5556	0.4444	0.5955	0.1439	0.8056
p53-mutants			0.2018	0.7982	0.5163	0.0008	0.0217
p53-mutants10%			0.5478	0.4522	0.3539	-0.0064	0.0285
page-blocks			0.2925	0.2830	0.4334	0.0961	0.2736
parkinson			0.6583	0.3417	0.6581	0.3125	0.8576
parkinsons			0.6019	0.3981	0.5793	0.1585	0.9281
parkinsons-small			0.6842	0.3158	0.7554	0.4124	0.5306
particle			0.7250	0.2750	0.7278	0.4250	0.7126
particle10%			0.7885	0.2115	0.7694	0.5257	0.6854
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.7658	0.2342	0.7237	0.2992	0.4283
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			0.9433	0.0567	0.9235	0.8381	0.3837
pd			0.6711	0.3289	0.6124	0.2188	0.8308
pediatric-leukemia			0.1176	0.2521	0.1280	0.0520	0.4738
pendigits			0.8444	0.0311	0.8579	0.8268	0.1792
period			0.2222	0.7778	0.1818	-0.2353	0.8780
period-10f			0.4444	0.5556	0.6311	0.1176	0.5170
persistency			0.6356	0.3644	0.6303	0.2566	0.8768
personalities			0.1137	0.1108	0.1078	0.0545	0.6118
pet-adoption			0.5450	0.4550	0.6186	0.1868	0.7599
phishing			0.8408	0.1592	0.8430	0.6774	0.5656
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.3140	0.1960	0.3113	0.2027	0.5124
phone-acc0.1%			0.1692	0.2374	0.0782	0.0323	0.4749
phone-acc1%			0.1563	0.2411	0.0684	0.0098	0.5062
phone-acc10%			0.1888	0.2318	0.1396	0.0547	0.6545
phone-gyr			0.1432	0.2448	0.0852	0.0022	0.6039
phone-gyr0.1%			0.2800	0.2057	0.1250	0.1618	0.3461
phone-gyr1%			0.1852	0.2328	0.1141	0.0414	0.5445
phone-gyr10%			0.2186	0.2233	0.1649	0.0781	0.5298
phoneme			0.7685	0.2315	0.7717	0.5120	0.6576
phy			0.5700	0.4300	0.6220	0.1437	0.6784
pima			0.6316	0.3684	0.5986	0.1915	0.9027
pirvision			0.6963	0.2025	0.4240	0.2493	0.3961
placement			0.6130	0.3870	0.6442	0.2603	0.8227
plant-growth			0.4211	0.5789	0.4222	-0.1547	1.0000
plrx			0.6667	0.3333	0.6346	0.2603	0.8271
poker			0.0005	0.2221	0.0004	0.0001	0.2989
poker1%			0.0020	0.2852	0.0006	0.0000	0.2637
poker10%			0.0018	0.2496	0.0012	0.0007	0.3778
polish-1st			0.2930	0.7070	0.5452	0.0163	0.1569
polish-2nd			0.6922	0.3078	0.5745	0.0626	0.2967
polish-3rd			0.5752	0.4248	0.5695	0.0507	0.2823
polish-4th			0.5643	0.4357	0.5851	0.0655	0.2958
polish-5th			0.6887	0.3113	0.6191	0.1406	0.4304

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polya			0.5719	0.4281	0.6017	0.1832	0.8527
popularity			0.2842	0.4772	0.3792	0.0450	0.6376
post-operative			0.2222	0.7778	0.2500	-0.4000	0.9533
postures			0.6653	0.1339	0.6696	0.5817	0.4417
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6041	0.2059	0.9196
prestige			0.6667	0.2222	0.6655	0.4906	0.4321
primary-tumor			0.1515	0.1305	0.0401	0.0619	0.3503
processed			0.5601	0.4399	0.5741	0.1357	0.8678
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.6000	0.4000	0.6250	0.2308	0.8533
prostate			0.6429	0.3571	0.6291	0.2553	0.8888
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.8509	0.0596	0.8022	0.8019	0.2908
puc-rio10%			0.7978	0.0809	0.7592	0.7371	0.3507
pufs-128			0.4995	0.5005	0.4994	-0.0011	0.9978
pufs-1281%			0.5072	0.4928	0.5072	0.0144	0.9943
pufs-12810%			0.4979	0.5021	0.4979	-0.0041	0.9943
pufs-64			0.5017	0.4983	0.5017	0.0034	0.9989
pufs-641%			0.4983	0.5017	0.4984	-0.0033	1.0000
pufs-6410%			0.4982	0.5018	0.4982	-0.0037	1.0000
pulsar			0.8125	0.1875	0.7427	0.3907	0.5358
raisin			0.8111	0.1889	0.8175	0.6222	0.5989
rcv1			0.0020	0.0377	0.0001	0.0000	0.3257
rcv11%			0.0019	0.0487	0.0001	0.0000	0.3465
rcv110%			0.0073	0.0397	0.0003	0.0000	0.3278
re0-wc			0.0400	0.1477	0.0059	0.0000	0.3208
re1-wc			0.0301	0.0776	0.0023	0.0000	0.3563
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.9859	0.0141	0.9858	0.9716	0.1012
reuters21578			0.0024	0.0416	0.0001	0.0000	0.2544
rice			0.9747	0.0253	0.9749	0.9487	0.1314
rnaseq			0.4625	0.2150	0.5144	0.3331	0.5031
rocket			0.5138	0.4862	0.6213	0.1413	0.6589
RT_IOT2022			0.5690	0.0718	0.1217	0.1737	0.2085
satimage			0.6998	0.1001	0.6620	0.6320	0.3890
satimageF			0.9145	0.0855	0.8518	0.6660	0.5298
satimageT			0.8134	0.1866	0.7203	0.3745	0.5869
scadi			0.0000	0.4000	0.0000	-0.1667	0.4706
schiller			0.3333	0.6667	0.5970	0.0690	0.4422
schizo			0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis			0.7778	0.2222	0.7744	0.5424	0.6895
secom			0.3333	0.6667	0.5610	0.0338	0.2460
secondary_mushroom			0.4940	0.5060	0.5550	0.0640	0.7715
seeds			0.9048	0.0635	0.9152	0.8571	0.1250
segment			0.7013	0.0853	0.7153	0.6505	0.2852
segmentation			0.7228	0.2772	0.6960	0.3920	0.8068
segmentO			0.9004	0.0996	0.8640	0.6901	0.5015
seismic			0.7558	0.2442	0.6427	0.1900	0.4648
semeion			0.2642	0.7358	0.5510	0.0301	0.3130
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.4921	0.5079	0.5152	0.0185	0.5677
sens-3-gram			0.8184	0.1816	0.5627	0.1237	0.7697
sens-4-gram			0.3605	0.6395	0.5299	0.0268	0.4718
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.4431	0.1013	0.4470	0.3874	0.5184
sepsis			0.6443	0.3557	0.5849	0.1077	0.4970
shoppers			0.1541	0.8459	0.1335	0.0000	0.3285
shuttle			0.1295	0.2487	0.2277	0.0340	0.3934
sick			0.6180	0.3820	0.6377	0.1345	0.3513
sirtuin6			0.5000	0.5000	0.3333	0.0000	0.5283
skin			0.9710	0.0290	0.9587	0.9154	0.2587
skin10%			0.9591	0.0408	0.9427	0.8821	0.3188
smarket			0.6000	0.4000	0.6035	0.2032	0.9161
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.6842	0.3158	0.6841	0.3596	0.8222
smoking			0.6569	0.3432	0.6658	0.3177	0.8234
soil_pollution			0.1800	0.3280	0.1625	-0.0307	0.7388
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.6500	0.3500	0.6508	0.3000	0.8761
soybean			0.0588	0.0991	0.0239	0.0303	0.3333
spam-detection			0.7460	0.2540	0.6821	0.2671	0.5212
spambase			0.5696	0.4304	0.5989	0.1793	0.8691
spect			0.7407	0.2593	0.6897	0.3636	0.7481
spectf			0.6571	0.3429	0.6293	0.2500	0.8347
spectrometer			0.2115	0.0584	0.1271	0.1740	0.2513
splice-EI			0.4953	0.5047	0.5227	0.0372	0.8062
splice-IE			0.5205	0.4795	0.5694	0.1077	0.7440
sport-articles			0.7400	0.2600	0.7513	0.4827	0.7120
squash-stored			0.4000	0.4000	0.2222	0.0625	0.4447
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			0.5484	0.4516	0.4090	-0.1421	0.9752
steel_industry			0.6672	0.2218	0.6611	0.4978	0.4655
steel-b			0.6923	0.3077	0.6731	0.3086	0.7158
steel-d			0.6205	0.3795	0.4894	-0.0059	0.2207
steel-k			0.9128	0.0872	0.8800	0.7533	0.4882
steel-o			0.6923	0.3077	0.7094	0.3931	0.7539
steel-p			0.4872	0.5128	0.5497	0.0440	0.3882
steel-s			0.8359	0.1641	0.7246	0.2844	0.3900
steel-z			0.7385	0.2615	0.7023	0.2930	0.5057
stellar			0.5016	0.3323	0.6417	0.3143	0.3927
stock			0.6458	0.3542	0.5728	0.1294	0.7505
stockb			0.7093	0.1938	0.7018	0.5642	0.4058
streaming			0.4660	0.5340	0.4833	-0.0299	0.9680
stress			0.6825	0.1270	0.6261	0.6010	0.2100
student-lifestyle			0.0450	0.3820	0.0537	0.0274	0.3713
student-depression			0.7211	0.2789	0.7071	0.4031	0.7777
student-habits			0.1000	0.3600	0.1087	0.0278	0.5753
student-weekend			0.1231	0.3508	0.1223	-0.0514	0.6999
student-workday			0.0156	0.3937	0.0333	-0.0110	0.4552
studentap			0.3846	0.4103	0.3899	0.0370	0.7158
susy			0.7567	0.2433	0.7550	0.5099	0.7409
susy1%			0.7198	0.2802	0.7166	0.4319	0.7937
susy10%			0.7638	0.2362	0.7613	0.5216	0.7272
swarm_aligned			0.5502	0.4498	0.6657	0.2327	0.6261
swarm_flocking			0.8093	0.1907	0.8201	0.6187	0.5710
swarm_grouped			0.8285	0.1715	0.8235	0.6008	0.4412
tae			0.5333	0.3111	0.5696	0.3000	0.4154
telco-churn			0.6406	0.3594	0.6945	0.3210	0.6686
texture			0.6600	0.0618	0.6895	0.6240	0.3143
theorem			0.7218	0.2782	0.7221	0.4404	0.7821
thoracic			0.7447	0.2553	0.4964	-0.0071	0.8042

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.7474	0.2526	0.7565	0.4895	0.6966
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.5633	0.0298	0.5399
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.3529	0.3235	0.4045	0.1422	0.5065
toxicity			0.5882	0.4118	0.5662	0.1314	0.9243
toxicity-13f			0.4118	0.5882	0.5097	0.0116	0.7904
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6000	0.4000	0.5578	0.1071	0.8308
trec11-wc			0.0732	0.2060	0.0152	0.0000	0.3657
trec12-wc			0.1290	0.2177	0.0286	0.0000	0.3798
trec21-wc			0.0303	0.3879	0.0118	0.0000	0.2757
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0045	0.0001	0.3771
trec45-wc			0.0435	0.1913	0.0292	0.0190	0.4391
tuandromd			0.2018	0.7982	0.1679	0.0000	0.3921
turkish			0.4000	0.3000	0.3943	0.2000	0.4870
tvnews			0.6479	0.3521	0.5926	0.1734	0.8838
tvnews1%			0.7462	0.2538	0.7353	0.3708	0.5205
tvnews10%			0.5351	0.4649	0.5604	0.1099	0.8951
ur3_cobotops_grip			0.5170	0.4830	0.5770	0.0377	0.1849
ur3_cobotops_stop			0.7959	0.2041	0.6365	0.1486	0.3515
urban			0.5373	0.1028	0.4703	0.4601	0.2883
urinalysis			0.8112	0.1888	0.6396	0.2001	0.4819
url-rep1%			0.6644	0.3356	0.3992	0.0000	0.4658
ustilago			0.7372	0.2628	0.5229	0.0066	0.0982
ustilago1%			0.2915	0.7085	0.4878	-0.0012	0.0541
ustilago10%			0.2906	0.7094	0.5082	0.0009	0.0555
vehicle			0.5357	0.2321	0.5129	0.3721	0.5307
vehicleVAN			0.7500	0.2500	0.7761	0.4878	0.5905
voice			0.5833	0.4167	0.7044	0.2857	0.5302
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.2525	0.1359	0.3140	0.1778	0.4417
vowelZ			0.6768	0.3232	0.7002	0.2479	0.4121
vrnormat310k-hg16-17			0.6473	0.3527	0.5989	0.1251	0.4918
wap-wc			0.0321	0.0968	0.0079	0.0028	0.3928
warpar10p			0.1538	0.1692	0.1071	0.0654	0.3376
warppie10p			0.4286	0.1143	0.3901	0.3588	0.2781
watch-acc			0.2450	0.2157	0.2509	0.1251	0.5676
watch-acc1%			0.2714	0.2082	0.2540	0.1576	0.4335
watch-acc10%			0.2722	0.2079	0.1837	0.1371	0.5600
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1566	0.2410	0.0694	0.0169	0.5021
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2600	0.3700	0.2266	0.0158	0.7201
waveform			0.6420	0.2387	0.6426	0.4630	0.6103
weather-related			0.0596	0.1710	0.0102	0.0000	0.3971
web-phishing			0.6963	0.2025	0.6677	0.5189	0.5340
Weekly			0.7685	0.2315	0.7975	0.5509	0.5751
weight-lift			0.3246	0.2702	0.2674	0.1295	0.6852
white-clover			0.3333	0.6667	0.2500	0.0000	0.5000
wifi-loc			0.9400	0.0300	0.9421	0.9200	0.1088
wilt			0.7909	0.2091	0.5821	0.1075	0.4384
wine			0.8824	0.0784	0.8833	0.7927	0.2434

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
winequality-red			0.1509	0.2830	0.1539	0.0631	0.3520
winequality-white			0.0327	0.3224	0.0193	-0.0003	0.4219
winnipeg			0.6127	0.1107	0.6060	0.5120	0.4793
winnipeg10%			0.6468	0.1009	0.5930	0.5599	0.4377
wisc_bc			0.8421	0.1579	0.8440	0.6767	0.5604
yale			0.3125	0.0917	0.2366	0.2636	0.1909
yeast			0.0203	0.2177	0.0052	-0.0048	0.4263
yeastCYT-POX			0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1			0.4054	0.5946	0.5958	0.0333	0.1151
yeastME2			0.6486	0.3514	0.6319	0.1128	0.2949
zip			0.6602	0.0680	0.6558	0.6207	0.3760

Table 183: Detailed results for RFLDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2048	0.0757	0.1064	0.1153	0.4664
abalone19		0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18		0.9315	0.0685	0.7061	0.4084	0.6173
accelerometer		0.9797	0.0203	0.5237	0.0247	0.4494
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8317	0.1683	0.7580	0.5139	0.6712
advanced-iot		0.7207	0.0931	0.7654	0.6648	0.2128
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7048	0.2952	0.5490	0.0966	0.8126
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8028	0.1972	0.7165	0.4285	0.7226
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7714	0.0914	0.3174	0.4545	0.3106
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8419	0.1581	0.8245	0.6477	0.5939
anneal		0.7079	0.1169	0.1658	0.0000	0.2204
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		0.9722	0.0278	0.4929	-0.0118	0.3936
anuran-family		0.9221	0.0389	0.8225	0.8527	0.3263
anuran-genus		0.9471	0.0132	0.8698	0.9131	0.1646
anuran-species		0.9333	0.0133	0.8663	0.9067	0.1267
anxiety		0.0917	0.2019	0.0871	-0.0244	0.7816
apple-quality		0.5825	0.4175	0.5825	0.1650	0.9436
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.5556	0.0889	0.0714	0.0000	0.2612
auction		0.8676	0.1324	0.5962	0.1351	0.6160
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.9231	0.0769	0.9204	0.8358	0.3200
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.5256	0.0791	0.4008	0.2913	0.5845
babies		0.4194	0.1659	0.1364	0.0843	0.4354
balance		0.6935	0.2043	0.4885	0.4287	0.4127
bank		0.9005	0.0995	0.7319	0.4605	0.6222
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8917	0.1083	0.8830	0.7543	0.3968
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.0089	0.9911	0.0088	0.0000	0.0253
biodeg		0.7619	0.2381	0.7489	0.4976	0.7423
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9823	0.0016	0.0682	0.0000	0.4284
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	-0.0001	0.0426
body-perf		0.5821	0.2090	0.5827	0.4428	0.5408
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.5000	0.1667	0.1111	0.0000	0.3136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.8696	0.1304	0.8614	0.6849	0.3145
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8046	0.0977	0.3972	0.5792	0.2629
car-insurance		0.8180	0.1820	0.7856	0.5708	0.6630
card		0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography		0.7136	0.0573	0.5811	0.6521	0.3328
cardiotocography-nsp		0.8732	0.0845	0.7789	0.6576	0.4561
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.7995	0.1337	0.8301	0.6974	0.1591
cars		0.6750	0.2167	0.5455	0.4311	0.4395
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.6292	0.3708	0.6341	0.2640	0.8868
cas_N6512_RDkit_AtomPair_FP		0.6764	0.3236	0.6805	0.3567	0.8366
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.6457	0.3543	0.6432	0.2864	0.8856
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9560	0.0440	0.6049	0.1811	0.5641
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7720	0.2280	0.7722	0.5319	0.6911
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9545	0.0455	0.7422	0.4837	0.5801
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.8419	0.1580	0.5203	0.0327	0.5057
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8060	0.1940	0.6337	0.2134	0.6760
churn-bigml		0.8652	0.1348	0.6899	0.3650	0.6618
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4659	0.3406	0.4071
cjs		0.2429	0.2524	0.0651	0.0000	0.3839
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.5676	0.2162	0.4262	0.3657	0.4897
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.4167	0.3889	0.2805	-0.0769	0.5868
cm1		0.8800	0.1200	0.6001	0.1892	0.6967
cmc		0.4830	0.3447	0.4544	0.1819	0.7566
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.7836	0.0394	0.5470	0.7347	0.2842
coil20		0.0972	0.0903	0.0977	0.0511	0.3940
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.5862	0.4138	0.5542	0.1031	0.9376
colposcopies-4		0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5		0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6		0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c		0.7586	0.2414	0.6226	0.2281	0.7911
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7419	0.1720	0.6525	0.5739	0.3295
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7524	0.2476	0.7532	0.5051	0.7425

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8747	0.0418	0.7426	0.7335	0.2629
cryotherapy		0.6667	0.3333	0.6582	0.3077	0.8482
cultivars		0.3125	0.0344	0.2143	0.2946	0.1097
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1633	0.2789	0.1409	-0.0146	0.6136
cyclopentane		0.7037	0.2963	0.7072	0.4098	0.8027
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8100	0.1900	0.6798	0.3195	0.6708
defect		0.8858	0.1142	0.7645	0.4050	0.2530
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8956	0.1044	0.7259	0.4477	0.6293
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.2973	0.2342	0.0764	0.0000	0.3667
desharnais		0.5000	0.3333	0.4036	0.1795	0.3510
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8269	0.1731	0.8317	0.6507	0.5831
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6007	0.1597	0.4724	0.4110	0.4855
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.6250	0.3750	0.6343	0.2603	0.8728
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7404	0.1731	0.6799	0.5734	0.4761
drug-01		0.4096	0.1687	0.1877	0.0642	0.4716
drug-02		0.5053	0.1413	0.1867	0.1124	0.5076
drug-03		0.6755	0.0927	0.1357	0.0158	0.3319
drug-04		0.5106	0.1398	0.2006	0.1038	0.5502
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4255	0.1641	0.2642	0.2663	0.4828
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5798	0.1201	0.2063	0.1602	0.3752
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-10		0.5585	0.1261	0.1579	0.1548	0.3535
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5957	0.1155	0.1741	0.2373	0.4257
drug-14		0.6117	0.1109	0.2742	0.3068	0.4235
drug-15		0.7447	0.0729	0.1231	0.0221	0.2866
drug-16		0.6011	0.1140	0.2602	0.3310	0.3923
drug-17		0.3723	0.1793	0.2108	0.1336	0.4907
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7606	0.0684	0.1234	-0.0134	0.2600
drybean		0.7546	0.0701	0.7909	0.7016	0.2654
ecoli		0.8235	0.0588	0.6800	0.7437	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7238	0.4460	0.7379
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2200	0.3900	0.1992	-0.0450	0.8598
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.5614	0.4386	0.5391	0.0630	0.8978
eeg10%		0.3249	0.0844	0.3410	0.2555	0.6494
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.8892	0.1108	0.6224	0.2302	0.6733
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8748	0.1252	0.8774	0.7503	0.4830
fakenews		0.5150	0.4850	0.5144	0.0284	0.9878
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.2073	0.0933	0.0202	0.0000	0.3505
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4314	0.5686	0.3857	-0.1995	1.0000
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.8462	0.0769	0.8389	0.7858	0.1848
gas		0.9008	0.0331	0.9001	0.8797	0.1669
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6042	0.2639	0.4568	0.1485	0.5557
gene		0.8927	0.0715	0.8836	0.8305	0.2632
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.8732	0.1268	0.8749	0.7458	0.4857
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6190	0.1270	0.6061	0.4598	0.3161
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7360	0.4693	0.7643
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018
haberman		0.7000	0.3000	0.5269	0.0426	0.8482

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.5204	0.1918	0.5202	0.3904	0.6193
har70		0.6062	0.1125	0.3562	0.3126	0.3052
har701%		0.7659	0.0669	0.4250	0.6209	0.1680
har7010%		0.6122	0.1108	0.3620	0.3255	0.3343
harth		0.4492	0.0918	0.0517	0.0000	0.2692
harth1%		0.6685	0.0553	0.2413	0.5243	0.2505
harth10%		0.6583	0.0569	0.2132	0.5059	0.2474
hayes-roth		0.3125	0.4583	0.3730	-0.0864	0.6297
hcc-survival		0.5294	0.4706	0.5143	0.0286	0.9808
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack		0.8065	0.1935	0.8048	0.6043	0.6369
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.8340	0.1660	0.8052	0.6100	0.6292
heart-quantum		0.9600	0.0400	0.9583	0.9167	0.2315
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8138	0.1862	0.8147	0.6273	0.6306
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6245	0.3755	0.6211	0.2403	0.9036
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.1429	0.2143	0.0893	-0.0435	0.3382
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.9039	0.0961	0.8179	0.6293	0.5131
hiva		0.9314	0.0686	0.5937	0.1817	0.5900
horse		0.6389	0.2407	0.6201	0.3482	0.4924
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.4649	0.3567	0.4725	0.1794	0.6982
htru2		0.9615	0.0385	0.8745	0.7391	0.3112
hypothyroid		0.9310	0.0345	0.3677	0.5438	0.1657
hypothyroidT		0.9416	0.0584	0.7571	0.3700	0.1541
ilpd		0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.4820	0.2590	0.3897	0.3093	0.3468
ionosphere		0.8571	0.1429	0.8309	0.6602	0.5698
iris		0.8000	0.1333	0.8027	0.6980	0.3335
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.6406	0.0276	0.5975	0.6262	0.1609
jm1		0.8081	0.1919	0.5905	0.0638	0.5197
jvowels		0.8775	0.0272	0.8872	0.8616	0.1600
kc1		0.8483	0.1517	0.6346	0.2110	0.6285
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.6923	0.1231	0.4336	0.3810	0.3973
kc1-class-level-top5percentDF		0.8000	0.2000	0.4444	-0.0976	0.5661
kc2		0.7308	0.2692	0.5965	0.1929	0.8287
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.5732	0.0427	0.0364	0.0000	0.1398
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.7751	0.1499	0.6906	0.6199	0.3043
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2813	0.0799	0.2203	0.1828	0.5677
krvskp		0.8997	0.1003	0.8996	0.7990	0.4335
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6765	0.0281	0.6083	0.6597	0.0838
led24		0.6000	0.0889	0.5218	0.5429	0.2049
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.6755	0.0250	0.6907	0.6626	0.2862
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.7778	0.0296	0.7665	0.7612	0.0997
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7059	0.2941	0.6994	0.3863	0.7816
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8302	0.0485	0.6779	0.7722	0.1921
lung		0.7143	0.1143	0.3230	0.3115	0.3122
lung_discrete		0.7500	0.1000	0.5250	0.6667	0.1161
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.3333	0.6667	0.2500	-0.5000	1.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.5714	0.2857	0.2424	0.0000	0.3175
lymphoma2		0.5556	0.1481	0.2222	0.3333	0.2058
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.6462	0.3538	0.6464	0.2923	0.8827
magic04		0.7675	0.2325	0.7348	0.4595	0.7240
malware		0.8108	0.1892	0.4478	0.0000	0.3405
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6040	0.2640	0.6100	0.3882	0.5704
math		0.8500	0.0750	0.8324	0.7640	0.2023
mba		0.8194	0.1204	0.3808	0.1136	0.3889
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.2267	0.3093	0.1900	0.0232	0.6300
messidor		0.6696	0.3304	0.6899	0.3574	0.7906
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.6999	0.4684	0.2243
meter-D		0.3333	0.3333	0.1579	0.0226	0.3157
mfeat-fac		0.7950	0.0410	0.7896	0.7722	0.0823
mfeat-fou		0.7850	0.0430	0.7860	0.7611	0.1822
mfeat-kar		0.9600	0.0080	0.9609	0.9556	0.0502
mfeat-mor		0.7150	0.0570	0.6545	0.6833	0.1554
mfeat-pix		0.8750	0.0250	0.8875	0.8611	0.0870
mfeat-zer		0.7800	0.0440	0.7825	0.7556	0.1987
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.7642	0.1572	0.7331	0.6351	0.4499
mines		0.5294	0.1882	0.5850	0.4100	0.3431

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
mobile			0.8531	0.0052	0.8605	0.8505	0.0690
monks-1			0.6364	0.3636	0.6382	0.2696	0.8776
monks-2			0.6557	0.3443	0.3960	0.0000	0.4711
monks-3			0.7679	0.2321	0.7886	0.5285	0.5651
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.5178	0.4822	0.3412	0.0000	0.5256
music			0.4722	0.0960	0.4682	0.3585	0.5471
musk			0.8652	0.1348	0.7555	0.5095	0.6584
MUT_ci300400a_cdk_ECFP2			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6			0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors			0.5739	0.4261	0.3646	0.0000	0.5103
myocardial			0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid			0.9383	0.0617	0.9383	0.8766	0.3094
NCI60			0.8333	0.0556	0.7895	0.8000	0.0530
nci9			0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA			0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%			0.8437	0.0165	0.1462	0.5642	0.4866
ncRNA10%			0.7777	0.0234	0.0461	0.0000	0.1370
neo			0.9002	0.0998	0.5551	0.0297	0.4191
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			0.9524	0.0476	0.8981	0.7742	0.1408
newspop			0.6408	0.3592	0.6384	0.2766	0.8905
NHANES_age_prediction			0.9824	0.0176	0.9694	0.9368	0.2236
nomao			0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits			0.5000	0.3333	0.3046	-0.0165	0.5418
nursery			0.3333	0.3333	0.1250	0.0000	0.3449
obesity			0.3033	0.1991	0.1476	0.1732	0.3136
obs			0.6296	0.1852	0.6222	0.4368	0.4984
occupancy			0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation			0.8865	0.0568	0.7271	0.6457	0.4051
oh0-wc			0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc			0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc			0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc			0.1648	0.1670	0.0283	0.0000	0.3885
olive			0.9298	0.0156	0.9023	0.9129	0.0466
opn310k			0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%			0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ			0.9110	0.0890	0.4767	0.0000	0.2060
orl			1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P			0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer			0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr			0.8656	0.1344	0.6577	0.2160	0.4311
ozone8hr			0.7905	0.2095	0.6156	0.1832	0.5564
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP			0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9470	0.0212	0.6181	0.6522	0.3756

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinson			0.9500	0.0500	0.9488	0.8972	0.2733
parkinsons			0.8104	0.1896	0.7997	0.5993	0.6579
parkinsons-small			0.8421	0.1579	0.8114	0.6175	0.6233
particle			0.7194	0.2806	0.4184	0.0000	0.4268
particle10%			0.8400	0.1600	0.7910	0.5701	0.5964
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9099	0.0901	0.5693	0.1246	0.6636
pcmac			0.5464	0.4536	0.3533	-0.0712	0.8005
pcos			0.8000	0.2000	0.4444	0.0000	0.3522
pd			0.8421	0.1579	0.8061	0.6066	0.6295
pediatric-leukemia			0.2353	0.2185	0.0544	0.0000	0.3686
pendigits			0.8954	0.0209	0.8988	0.8836	0.1285
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.7778	0.2222	0.7568	0.4000	0.4011
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.8650	0.1350	0.8458	0.6911	0.5498
phishing			0.9388	0.0612	0.9356	0.8708	0.3094
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%			0.5153	0.1385	0.4936	0.4323	0.4866
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.4004	0.1713	0.3164	0.2910	0.3666
phone-gyr			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%			0.6052	0.1128	0.5691	0.5362	0.3618
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7148	0.2852	0.5126	0.0019	0.5089
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7368	0.2632	0.7221	0.4006	0.6803
pirvision			0.9595	0.0270	0.9306	0.8730	0.1878
placement			0.7140	0.2860	0.7021	0.4004	0.8025
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th			0.9272	0.0728	0.5716	0.0686	0.4696
polya			0.7384	0.2616	0.7256	0.4484	0.7705
popularity			0.6436	0.2376	0.4432	0.2359	0.6059
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.7647	0.2353	0.7666	0.5294	0.7157
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.1818	0.1259	0.0662	0.1009	0.3444
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7164	0.2836	0.6558	0.1989	0.6087
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.8310	0.0676	0.7601	0.7709	0.2325
pufs-128			0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5083	0.4917	0.5083	0.0167	0.9952
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9761	0.0239	0.9250	0.8429	0.1635
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
re0-wc			0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9269	0.0731	0.9275	0.8509	0.3139
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.5922	0.4078	0.5634	0.1241	0.9397
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8040	0.0653	0.7524	0.7559	0.2611
satimageF			0.9642	0.0358	0.9019	0.7936	0.2315
satimageT			0.8802	0.1198	0.4906	-0.0109	0.6531
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9231	0.0769	0.6120	0.2121	0.6408
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9264	0.0210	0.9326	0.9139	0.0863
segmentation			0.7723	0.2277	0.7588	0.5156	0.7240
segmentO			0.9740	0.0260	0.9483	0.8965	0.2522
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8451	0.1549	0.5615	0.1012	0.7185
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8737	0.1263	0.6573	0.2750	0.6263
sens-4-gram			0.8316	0.1684	0.6188	0.2371	0.7439
sens-5-gram			0.8579	0.1421	0.6264	0.2355	0.7009
sens-6-gram			0.8447	0.1553	0.5925	0.1733	0.7347
sens-7-gram			0.8184	0.1816	0.5546	0.1069	0.7723
sens-8-gram			0.8289	0.1711	0.5652	0.1254	0.7626
sens-9-gram			0.7447	0.2553	0.6055	0.1917	0.6974
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8913	0.1087	0.7596	0.4599	0.4487
shuttle			0.9612	0.0111	0.6324	0.8967	0.3066
sick			0.9469	0.0530	0.7480	0.4738	0.4921
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2033	0.3187	0.2187	-0.0008	0.7794
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.3500	0.6500	0.3231	-0.3000	1.0000
soybean			0.1324	0.0913	0.0123	0.0000	0.3690
spam-detection			0.8965	0.1035	0.5478	0.0622	0.6125
spambase			0.8870	0.1130	0.8813	0.7586	0.4517
spect			0.6667	0.3333	0.5452	0.0899	0.8578

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectf			0.6857	0.3143	0.5795	0.1538	0.8769
spectrometer			0.7308	0.0199	0.6703	0.7153	0.0996
splice-EI			0.9306	0.0694	0.9171	0.8275	0.3942
splice-IE			0.9022	0.0978	0.8666	0.7330	0.5007
sport-articles			0.8000	0.2000	0.7815	0.5402	0.6155
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.6789	0.2140	0.6350	0.4822	0.5611
steel-b			0.7949	0.2051	0.7134	0.4236	0.7340
steel-d			0.9795	0.0205	0.8028	0.5899	0.3873
steel-k			0.9590	0.0410	0.9356	0.8693	0.2472
steel-o			0.7282	0.2718	0.6866	0.3647	0.7935
steel-p			0.9026	0.0974	0.6266	0.2459	0.6675
steel-s			0.9692	0.0308	0.8512	0.6845	0.5231
steel-z			0.9333	0.0667	0.8431	0.6745	0.5417
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8958	0.1042	0.8214	0.6426	0.5583
stockb			0.8943	0.0705	0.9004	0.8414	0.1739
streaming			0.6120	0.3880	0.6098	0.1634	0.7808
stress			0.9683	0.0127	0.9700	0.9603	0.0360
student-lifestyle			0.6150	0.1540	0.3368	0.3781	0.4335
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4800	0.2080	0.2213	0.1709	0.4295
student-weekend			0.4462	0.2215	0.2630	0.2016	0.4526
student-workday			0.7031	0.1187	0.2282	0.1124	0.2912
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7616	0.2384	0.7678	0.5069	0.6514
susy10%			0.6925	0.3075	0.6956	0.3608	0.7606
tae			0.6000	0.2667	0.6063	0.4000	0.5219
telco-churn			0.8963	0.1037	0.8656	0.7310	0.4932
texture			0.9436	0.0102	0.9466	0.9378	0.0730
theorem			0.8445	0.1555	0.8391	0.6758	0.5683
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.7368	0.2632	0.6953	0.3874	0.7920
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.4118	0.2941	0.3913	0.2130	0.4009
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.4186	-0.0736	0.7975
trec11-wc			0.0732	0.2060	0.0152	0.0000	0.3657
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.6750	0.1625	0.6644	0.5667	0.3263
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.6308	0.3692	0.3868	0.0000	0.4852

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8209	0.0398	0.8379	0.7917	0.1628
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9821	0.0179	0.4955	-0.0090	0.5548
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7619	0.1190	0.7398	0.6796	0.2580
vehicleVAN			0.9524	0.0476	0.9354	0.8689	0.2600
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6263	0.0680	0.6332	0.5889	0.1774
vowelZ			0.9495	0.0505	0.8905	0.7556	0.4786
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.8462	0.0308	0.7560	0.8255	0.0452
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.5959	0.1155	0.5853	0.5257	0.4472
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.5895	0.1173	0.5843	0.5196	0.4315
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2167	0.3917	0.2169	-0.0446	0.8847
waveform			0.7860	0.1427	0.7893	0.6793	0.4159
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.7926	0.1383	0.6421	0.6117	0.4294
Weekly			0.9815	0.0185	0.9815	0.9623	0.0972
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5786	0.1405	0.2685	0.3164	0.4090
winequality-white			0.5337	0.1332	0.2763	0.2631	0.4952
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.6250	0.0500	0.5790	0.5983	0.0878
yeast			0.4257	0.1276	0.1696	0.2280	0.3856
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.4570	0.1086	0.4714	0.3639	0.3038

Table 184: Detailed results for RFRULES

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1855	0.0776	0.1780	0.1028	0.5286
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7778	0.2222	0.4375	-0.1163	0.8180
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.6098	0.2105	0.8520
AID644red		0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.7778	0.2222	0.6786	0.3571	0.7720
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8826	0.1174	0.8324	0.6371	0.4254
air_pollution		0.4067	0.1695	0.1060	0.0137	0.3857
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7714	0.0914	0.4641	0.4212	0.2790
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.9488	0.0512	0.9437	0.8871	0.2728
anneal		0.9551	0.0180	0.7611	0.9047	0.1228
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9944	0.0056	0.8878	0.7474	0.5000
anuran-family		0.9291	0.0355	0.8905	0.8609	0.1370
anuran-genus		0.9332	0.0167	0.8607	0.8853	0.0806
anuran-species		0.9458	0.0108	0.8985	0.9241	0.0726
anxiety		0.0917	0.2019	0.0816	-0.0241	0.8122
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.7111	0.0444	0.3718	0.4864	0.2106

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9804	0.0196	0.9549	0.9056	0.0721
audiology		0.8182	0.0331	0.7357	0.7843	0.0881
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9500	0.0167	0.7933	0.9340	0.0386
avila		0.7245	0.0459	0.6783	0.6097	0.2400
babies		0.4274	0.1636	0.1413	0.1031	0.4620
balance		0.8548	0.0968	0.6889	0.7365	0.3587
bank		0.9090	0.0910	0.7760	0.5518	0.6020
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8479	0.1521	0.8331	0.6525	0.5264
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9945	0.0055	0.8167	0.5975	0.2371
biodeg		0.8667	0.1333	0.8571	0.7118	0.5200
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7206	0.4324	0.7241
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.7636	0.7755	0.1061
bridges		0.8000	0.0571	0.6857	0.7143	0.1393
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8873	0.7500	0.4011
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8908	0.0546	0.6338	0.7708	0.2517
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography		0.8404	0.0319	0.8051	0.8080	0.1885
cardiotocography-nsp		0.9061	0.0626	0.8195	0.7281	0.3218
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8500	0.1000	0.7862	0.7273	0.3751
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.6677	0.3323	0.6703	0.3108	0.7929
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.7097	0.2903	0.7068	0.4088	0.7993
cas_N6512_RDkit_MACCS_FP		0.7377	0.2623	0.7361	0.4722	0.7699
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7202	0.2798	0.6826	0.3612	0.8103
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9545	0.0455	0.6100	0.1402	0.4520
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8480	0.1520	0.7341	0.4276	0.5801
churn-bigml		0.9326	0.0674	0.8533	0.6825	0.3223
ci900367j_MACCS		0.7684	0.2316	0.7482	0.4915	0.7243
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.5216	0.5270	0.3983
cjs		0.2429	0.2524	0.0651	0.0000	0.3839
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.6796	0.1602	0.4492	0.4790	0.4378
climate		0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111		0.5833	0.2778	0.6667	0.3333	0.4065
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5646	0.2902	0.5490	0.3077	0.6479
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.7997	0.0364	0.6257	0.7536	0.2190
coil20		0.9792	0.0021	0.9804	0.9781	0.0150
college		0.9091	0.0909	0.8822	0.7601	0.4164
collins		0.9800	0.0027	0.9221	0.9780	0.0058
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.7241	0.2759	0.6740	0.3256	0.7761
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.5862	0.4138	0.5735	0.1471	0.9416
colposcopies-4		0.7586	0.2414	0.7099	0.4183	0.7672
colposcopies-5		0.7586	0.2414	0.5412	0.0814	0.8234
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.7241	0.2759	0.6954	0.3696	0.7444
column-2c		0.8710	0.1290	0.8486	0.6884	0.4958
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.6875	0.3125	0.6888	0.3756	0.8312
coupon		0.6309	0.3691	0.6149	0.1955	0.8283
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.6883	0.0891	0.5831	0.4842	0.3639
covtypeCD		0.9488	0.0512	0.8846	0.7615	0.3256
covtypeT		0.9530	0.0470	0.8013	0.5959	0.4750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8765	0.0412	0.6532	0.7235	0.2219
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.3750	0.0312	0.2625	0.3568	0.1070
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.1590	-0.0106	0.8729
cyclopentane		0.7407	0.2593	0.7463	0.4522	0.6597
cylinder-bands		0.6667	0.3333	0.6634	0.3259	0.8591
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8267	0.1733	0.7124	0.3759	0.6065
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8929	0.1071	0.6752	0.2961	0.5622
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.6525	0.4286	0.5000
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.7296	0.5181	0.4007
DIA		0.8333	0.1667	0.7575	0.4872	0.5975
diabetes		0.7692	0.2308	0.7506	0.4834	0.6895
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%		0.6176	0.2549	0.4056	0.2312	0.4388
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.6667	0.3333	0.6495	0.2941	0.8617
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5408	0.4592	0.5317	0.0466	0.8780
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7065	0.1956	0.6750	0.5013	0.4027
drug-01		0.3936	0.1733	0.1309	0.0312	0.4518
drug-02		0.4787	0.1489	0.1894	0.0236	0.5835
drug-03		0.6862	0.1046	0.1878	0.0752	0.3168
drug-04		0.5160	0.1383	0.1732	0.0955	0.4973
drug-05		0.7287	0.0775	0.1204	-0.0081	0.2227
drug-06		0.3723	0.1793	0.2456	0.2125	0.6377
drug-07		0.4096	0.1968	0.1449	-0.0087	0.4097
drug-08		0.5957	0.1155	0.2484	0.1660	0.2726
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5053	0.1413	0.1410	0.0315	0.4712
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6277	0.1064	0.1945	0.2319	0.3161
drug-14		0.5851	0.1185	0.2171	0.1470	0.4430
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.5745	0.1418	0.2665	0.2632	0.4718
drug-17		0.3564	0.1839	0.1815	0.1284	0.6648
drug-18		0.9894	0.0043	0.1989	-0.0027	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.8979	0.0292	0.9087	0.8764	0.1540
ecoli		0.8235	0.0441	0.5214	0.7542	0.1256
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU		0.9697	0.0303	0.9024	0.7843	0.0972
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce		0.3100	0.3450	0.3174	0.0769	0.7881
eeg		0.3613	0.0798	0.3774	0.2827	0.5549
eeg-eye		0.7029	0.2971	0.6981	0.3950	0.8179
eeg10%		0.3892	0.0764	0.3690	0.3188	0.5569
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6027	0.1589	0.5728	0.4906	0.4440
euthyroid		0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8922	0.1078	0.8932	0.7826	0.4328
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.7846	0.0253	0.6942	0.7544	0.1840
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6471	0.3529	0.6402	0.2644	0.8521
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.8750	0.0417	0.8970	0.8424	0.1009
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.8846	0.0577	0.8658	0.8398	0.1322
gas		0.9511	0.0163	0.9492	0.9407	0.0971
gastrointestinal		0.6875	0.2083	0.6466	0.4839	0.4181
gender		0.5937	0.2709	0.4049	0.0319	0.3773
gene		0.8896	0.0736	0.8758	0.8245	0.2939
german		0.6900	0.3100	0.6276	0.2092	0.7730
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.8559	0.1441	0.8591	0.7124	0.5238
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7619	0.0794	0.7208	0.6708	0.2563
glass-g2		0.5000	0.5000	0.4667	-0.0667	0.9927
glassBWFP		0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.6842	0.3158	0.6910	0.3736	0.8166
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.4000	0.3000	0.3000	0.1667	0.2128
glioma-grade		0.8690	0.1310	0.8707	0.7360	0.5042
green		0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage		0.4000	0.3000	0.4620	0.1718	0.5538
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9122	0.0146	0.7934	0.8962	0.0870
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.8717	0.0367	0.5133	0.8076	0.1430
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth		0.4492	0.0918	0.0517	0.0000	0.2692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth1%		0.8236	0.0294	0.4013	0.7582	0.1838
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.7647	0.2353	0.7792	0.4688	0.4308
health-activity		0.7500	0.1250	0.2143	-0.0305	0.3328
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.7742	0.2258	0.7941	0.5580	0.6147
heart-c		0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6509	0.3491	0.6534	0.3045	0.8712
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.1429	0.2143	0.0618	-0.0566	0.3590
hinselmann		0.5000	0.5000	0.3333	-0.3158	0.8298
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8600	0.1400	0.7047	0.3275	0.5134
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.5866	0.3171	0.6145
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.7212	0.1859	0.7315	0.5832	0.4935
htru2		0.9771	0.0229	0.9279	0.8514	0.1945
hypothyroid		0.9894	0.0053	0.7191	0.9331	0.0189
hypothyroidT		0.9920	0.0080	0.9716	0.9431	0.1266
ilpd		0.7797	0.2203	0.7069	0.3879	0.7023
immuno-therapy		0.6667	0.3333	0.5950	0.1818	0.8134
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8460	0.0118	0.8563	0.8398	0.1226
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.8805	0.0266	0.8744	0.8644	0.1657
kc1		0.8531	0.1469	0.6473	0.2225	0.5902
kc1-class-level-defectiveornot		0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect		0.6154	0.1538	0.4011	0.3500	0.3613
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6081	0.1734	0.7219
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9854	0.0022	0.3422	0.9752	0.0155
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.4702	0.0589	0.4907	0.4036	0.4208
krvskp		0.9436	0.0564	0.9434	0.8869	0.2908
la1s-wc		0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		0.8333	0.1667	0.8537	0.6667	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
leaf		0.6765	0.0281	0.6430	0.6603	0.0711
led24		0.7000	0.0600	0.6724	0.6610	0.1227
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8560	0.0111	0.8600	0.8502	0.1529
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.7500	0.0333	0.7439	0.7318	0.0997
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7353	0.2647	0.6791	0.3489	0.7915
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.5188	0.0875	0.2530	0.3487	0.4256
lrs		0.8491	0.0302	0.5650	0.7891	0.1072
lung		0.9048	0.0381	0.9021	0.8190	0.1639
lung_discrete		0.5000	0.1429	0.4615	0.4074	0.2127
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.5556	0.4444	0.3571	0.0000	0.5164
lymphography		0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9043	0.0957	0.9012	0.8006	0.4106
madelon		0.8154	0.1846	0.8157	0.6308	0.6323
magic04		0.8196	0.1804	0.7965	0.5835	0.6179
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8444	0.6875	0.5712
marketing		0.8795	0.1205	0.7113	0.3259	0.4539
maternal		0.6436	0.2376	0.6512	0.4570	0.5838
math		0.8500	0.0750	0.7763	0.7578	0.1519
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2100	0.3160	0.2046	0.0106	0.8476
messidor		0.6348	0.3652	0.6322	0.2637	0.8930
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9330	0.9241	0.0699
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9300	0.0140	0.9324	0.9222	0.0772
mfeat-fou		0.7450	0.0510	0.7514	0.7167	0.2205
mfeat-kar		0.9250	0.0150	0.9268	0.9167	0.0923
mfeat-mor		0.7050	0.0590	0.7060	0.6722	0.2099
mfeat-pix		0.8850	0.0230	0.8882	0.8722	0.1291
mfeat-zer		0.7450	0.0510	0.7527	0.7167	0.1877
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.2059	0.3176	0.0683	0.0000	0.3999
mobile		0.8566	0.0051	0.8657	0.8540	0.0660
monks-1		0.8727	0.1273	0.8849	0.7442	0.3522
monks-2		0.8689	0.1311	0.8524	0.7028	0.5263
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9865	0.0135	0.9866	0.9729	0.0809
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.9152	0.0848	0.8217	0.5940	0.3134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.6990	0.3010	0.6935	0.3864	0.8235
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.7242	0.2758	0.7115	0.4123	0.7736
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.7068	0.2932	0.6954	0.3817	0.8003
myocardial		0.8706	0.0324	0.2773	0.3254	0.1701
naticusdroid		0.9328	0.0672	0.9341	0.8656	0.3096
NCI60		0.6667	0.1111	0.6222	0.6000	0.1039
nci9		0.5000	0.1111	0.3030	0.4194	0.0753
ncRNA1%		0.8783	0.0128	0.2655	0.6143	0.2207
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6350	0.3650	0.6314	0.2598	0.8914
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5000	0.3333	0.3141	0.0226	0.5785
nursery		0.9028	0.0389	0.6545	0.8570	0.1638
obesity		0.9242	0.0217	0.9239	0.9115	0.0996
obs		0.9630	0.0185	0.9733	0.9448	0.0718
occupancy		0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation		0.9862	0.0069	0.9568	0.9576	0.0416
oh0-wc		0.8218	0.0356	0.8512	0.7950	0.1573
oh10-wc		0.6571	0.0686	0.6553	0.6082	0.2834
oh15-wc		0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc		0.1648	0.1670	0.0283	0.0000	0.3885
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9123	0.0877	0.6297	0.1780	0.5108
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9342	0.0132	0.9361	0.9268	0.0929
optdigitsZ		0.9929	0.0071	0.9778	0.9553	0.0921
orl		0.8750	0.0063	0.8493	0.8718	0.0208
orlraws10P		0.8000	0.0400	0.7742	0.7778	0.0497
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7938	0.2062	0.7626	0.5196	0.6881
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9506	0.0197	0.6810	0.6500	0.1236
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.9194	0.0806	0.9140	0.8259	0.3614
parkinsons-small		0.8421	0.1579	0.8114	0.6175	0.6233
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.8715	0.1285	0.8428	0.6853	0.5593
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9189	0.0811	0.5907	0.1483	0.6102
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8289	0.1711	0.7498	0.4583	0.5776

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pediatric-leukemia			0.8235	0.0504	0.7667	0.7823	0.1530
pendigits			0.9600	0.0080	0.9599	0.9555	0.0603
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.7778	0.2222	0.7500	0.5000	0.7296
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.9450	0.0550	0.9376	0.8722	0.2569
phishing			0.9306	0.0694	0.9274	0.8547	0.3467
PhiUSIIL			0.4281	0.5719	0.2998	0.0000	0.5287
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.7657	0.0669	0.7494	0.7256	0.2345
phone-acc1%			0.1413	0.2453	0.0354	0.0000	0.4030
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%			0.7753	0.0642	0.7808	0.7374	0.2307
phone-gyr1%			0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.8278	0.1722	0.7775	0.5483	0.6399
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6974	0.3026	0.6719	0.3150	0.7801
pirvision			0.9843	0.0105	0.9723	0.9498	0.0825
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.5263	0.4737	0.5179	0.0339	0.9701
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5356	0.1327	0.1549	0.1012	0.2969
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9543	0.0457	0.7919	0.5363	0.3325
polya			0.7211	0.2789	0.6986	0.3971	0.8057
popularity			0.6648	0.2235	0.4111	0.1869	0.4451
post-operative			0.5556	0.2963	0.3333	0.0000	0.4796
postures			0.8097	0.0761	0.8096	0.7622	0.2834
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6816	0.3529	0.8237
prestige			0.5556	0.2963	0.5278	0.3208	0.4500
primary-tumor			0.4242	0.0886	0.3316	0.3556	0.3276
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6866	0.3134	0.5973	0.0881	0.6346
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9282	0.0287	0.8777	0.9032	0.1471
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5129	0.4871	0.5150	0.0262	0.9462
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc			0.8333	0.0256	0.8285	0.7790	0.1826
re1-wc			0.7831	0.0173	0.6566	0.7508	0.1981
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6197	0.3803	0.6185	0.0838	0.5762
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimage			0.8600	0.0467	0.8384	0.8263	0.1916
satimageF			0.9876	0.0124	0.9673	0.9325	0.0497
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6600	0.6316	0.1509
schiller			0.5556	0.4444	0.5303	0.0526	0.7987
schizo			0.5000	0.5000	0.5000	0.0000	0.9949
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9567	0.0124	0.9621	0.9494	0.0516
segmentation			0.8218	0.1782	0.8134	0.6232	0.6315
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9419	0.0581	0.7093	0.1994	0.1524
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9497	0.0091	0.9503	0.9447	0.0625
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8938	0.1062	0.7720	0.5262	0.5440
shuttle			0.9983	0.0005	0.6681	0.9952	0.1015
sick			0.9761	0.0239	0.8960	0.7685	0.0796
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2000	0.4000	0.2002	-0.0764	0.8035
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7698	0.0767	0.7334	0.7039	0.2016
sonar			0.6000	0.4000	0.6094	0.2000	0.8750
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8891	0.1109	0.8844	0.7688	0.4734
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer			0.5769	0.0313	0.5055	0.5515	0.1494
splice-EI			0.9306	0.0694	0.9202	0.8302	0.3811
splice-IE			0.8612	0.1388	0.7974	0.5893	0.5897
sport-articles			0.8700	0.1300	0.8588	0.7132	0.5036
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8781	0.0812	0.8473	0.8020	0.2691
steel-b			0.8359	0.1641	0.7165	0.3560	0.5323
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9744	0.0256	0.9601	0.9191	0.1618
steel-o			0.7897	0.2103	0.7598	0.5050	0.6708
steel-p			0.9077	0.0923	0.5525	0.0695	0.5980
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9125	0.8251	0.3478
stellar			0.5945	0.2703	0.2486	0.0000	0.3397

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stock			0.9514	0.0486	0.9156	0.8165	0.1474
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.5520	0.4480	0.3557	0.0000	0.5174
stress			0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.2800	0.2880	0.1493	-0.0894	0.6292
student-weekend			0.3538	0.2585	0.2203	0.0820	0.6037
student-workday			0.7031	0.1187	0.2522	0.1942	0.5547
studentap			0.2308	0.5128	0.1943	-0.2037	0.7901
susy1%			0.7608	0.2392	0.7594	0.5114	0.7149
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6667	0.2222	0.6667	0.5000	0.4870
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.9345	0.0119	0.9391	0.9278	0.0796
theorem			0.8903	0.1097	0.9009	0.7826	0.3607
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8947	0.1053	0.8683	0.7295	0.4423
tic-tac-toe			0.9474	0.0526	0.9421	0.8775	0.1798
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.8582	0.1418	0.7950	0.5698	0.5446
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.5882	0.2059	0.5983	0.4387	0.4093
toxicity			0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f			0.6471	0.3529	0.5858	0.1639	0.8952
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.9048	0.0317	0.7916	0.8641	0.0701
trec31-wc			0.9677	0.0108	0.9742	0.9570	0.0479
trec41-wc			0.9318	0.0136	0.8709	0.9164	0.0591
trec45-wc			0.8696	0.0261	0.7105	0.8481	0.1127
tuandromd			0.9664	0.0336	0.9470	0.8934	0.2325
turkish			0.6750	0.1625	0.6745	0.5667	0.4060
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.9231	0.0769	0.9169	0.8320	0.3521
tvnews10%			0.8296	0.1704	0.8133	0.6215	0.6042
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8209	0.0398	0.8471	0.7893	0.1359
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7262	0.1369	0.6808	0.6298	0.2835
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9767	0.0233	0.9773	0.9535	0.1262
vowel			0.5758	0.0771	0.6102	0.5333	0.2470
vowelZ			0.9394	0.0606	0.8167	0.6333	0.5293
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.6154	0.0769	0.4950	0.5695	0.1054

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
warppie10p			0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc1%			0.7176	0.0807	0.7225	0.6689	0.2853
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.7620	0.0680	0.7708	0.7218	0.2549
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2833	0.3583	0.2878	0.0459	0.8277
waveform			0.7940	0.1373	0.7946	0.6911	0.4332
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8148	0.1235	0.6760	0.6554	0.4187
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9600	0.0200	0.9609	0.9467	0.0770
wilt			0.9689	0.0311	0.8071	0.5576	0.2376
wine			0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red			0.6164	0.1279	0.2681	0.3603	0.4127
winequality-white			0.5194	0.1373	0.2366	0.2096	0.4632
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.4483	0.1576	0.6147	0.2810	0.3054
wisc_bc			0.9474	0.0526	0.9443	0.8880	0.2925
yale			0.5000	0.0667	0.4107	0.4599	0.1163
yeast			0.5608	0.0976	0.4495	0.4320	0.3553
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.6146	0.2292	0.5992
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9000	0.0200	0.8917	0.8878	0.1402

Table 185: Detailed results for RidgeCART

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1751	0.0569	0.0823	0.1020	0.5172
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9178	0.0822	0.6846	0.3578	0.6183
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9573	0.0427	0.9088	0.8163	0.3298
adult		0.8481	0.1519	0.7737	0.5349	0.6065
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8413	0.1587	0.5020	0.0040	0.7137
AID_1431_KlekotaRothFingerprinter		0.7063	0.2937	0.5073	0.0110	0.5634
AID_1431_MACCSFingerprinter		0.7857	0.2143	0.5101	0.0185	0.6434
AID_1878		0.7524	0.2476	0.5990	0.1975	0.8001
AID_602330		0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128		0.8384	0.1077	0.3881	0.1287	0.6223
AID1284Morered		0.7778	0.2222	0.6049	0.2044	0.7424
AID1284red		0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered		0.8544	0.1456	0.5728	0.1364	0.6271
AID1608red		0.8058	0.1942	0.5043	0.0067	0.5181
AID362red		0.9720	0.0280	0.4929	-0.0142	0.5507
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.5714	0.4286	0.3636	-0.2353	0.7045
AID439red		0.5714	0.4286	0.6818	0.2222	0.4422
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3500	0.6500	0.3122	-0.3542	0.9481
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.5556	0.4444	0.5303	0.0526	0.7987
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8498	0.1502	0.7871	0.5706	0.6201
air_pollution		0.2500	0.2143	0.1208	0.0149	0.6049
air-booking		0.8492	0.1508	0.5869	0.0828	0.5437
airline		0.9189	0.0811	0.9181	0.8358	0.3783
alcohol		0.7524	0.0990	0.4448	0.4830	0.3968
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8326	0.1674	0.8180	0.6358	0.6201
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9944	0.0056	0.8878	0.7474	0.5000
anuran-family		0.9193	0.0403	0.6319	0.8453	0.2189
anuran-genus		0.8734	0.0316	0.5865	0.7958	0.3072
anuran-species		0.8417	0.0317	0.6136	0.7801	0.2148
anxiety		0.1000	0.2000	0.0822	-0.0131	0.7242
apple-quality		0.7675	0.2325	0.7677	0.5350	0.7209
aps-failure		0.9916	0.0084	0.8740	0.7457	0.3357
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.8294	0.1706	0.6104	0.0485	0.1265
arabidopsis1%		0.9638	0.0362	0.6261	0.1636	0.3487
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia		0.5556	0.0889	0.2735	0.3023	0.3628
auction		0.9216	0.0784	0.8129	0.6226	0.5186
audiology		0.7826	0.0181	0.3330	0.7505	0.0486
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8500	0.0500	0.7137	0.7980	0.1121
avila		0.3766	0.1039	0.2487	0.2485	0.5097
babies		0.3306	0.1912	0.0959	0.0068	0.4273
balance		0.8710	0.0860	0.7476	0.7737	0.3913
bank		0.9075	0.0925	0.7367	0.4595	0.5786
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8963	0.1037	0.8867	0.7688	0.4254
basehock		0.8995	0.1005	0.8996	0.7990	0.4328
bio		0.9953	0.0047	0.8482	0.6510	0.0875
bio10%		0.9959	0.0041	0.8698	0.7253	0.2186
biodeg		0.8476	0.1524	0.8385	0.6769	0.5797
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.7607	0.0218	0.0395	0.0294	0.0491
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9149	0.0155	0.1190	0.0416	0.0341
body-perf		0.4052	0.2974	0.4020	0.2070	0.4367
bookings		0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor		0.5005	0.4995	0.5003	0.0005	0.9960
breast-cancer		0.7857	0.2143	0.7375	0.4750	0.7331
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.6364	0.1212	0.5346	0.5510	0.2080
bridges		0.4000	0.1714	0.4665	0.3023	0.2908
bub10at310k-hg16-17		0.9135	0.0865	0.6612	0.2633	0.5380
bub12at310k-hg16-17		0.9119	0.0881	0.6533	0.2493	0.5487
bub8at310k-hg16-17		0.9113	0.0887	0.6778	0.3344	0.6059
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.3940	0.4040	0.2879	-0.0596	0.5637
car		0.8851	0.0575	0.7395	0.7631	0.2909
car-insurance		0.8400	0.1600	0.8140	0.6280	0.6182
card		0.7826	0.2174	0.7812	0.5601	0.6942
cardiotocography		0.4507	0.1099	0.3318	0.3467	0.4813
cardiotocography-nsp		0.8639	0.0908	0.7508	0.5659	0.3197
cardiovascular		0.7351	0.2649	0.7359	0.4701	0.7681
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6179	0.5034	0.4048
cas_N6512_cdk_ECFP2		0.7174	0.2826	0.7163	0.4211	0.7727
cas_N6512_rdkit_ATOMPAIR		0.6338	0.3662	0.6315	0.2630	0.8976
cas_N6512_RDkit_AtomPair_FP		0.6028	0.3972	0.5991	0.1980	0.9273
cas_N6512_rdkit_AVALON		0.6912	0.3088	0.6913	0.3818	0.8299
cas_N6512_RDkit_Avalon_FP		0.7040	0.2960	0.7011	0.4012	0.8156
cas_N6512_rdkit_descriptors		0.7400	0.2600	0.7380	0.4758	0.7664
cas_N6512_rdkit_FEATMORGAN		0.6959	0.3041	0.6929	0.3850	0.8267
cas_N6512_RDkit_Featmorgan_FP		0.6718	0.3282	0.6682	0.3346	0.8545
cas_N6512_RDkit_FP		0.6610	0.3390	0.6574	0.3137	0.8678
cas_N6512_rdkit_LAYERED		0.6585	0.3415	0.6584	0.3161	0.8687
cas_N6512_RDkit_Layered_FP		0.6886	0.3114	0.6862	0.3723	0.8366

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7312	0.2688	0.7288	0.4534	0.7703
cas_N6512_RDkit_MACCS_FP		0.7653	0.2347	0.7639	0.5278	0.7267
cas_N6512_rdkit_MORGAN		0.6308	0.3692	0.6293	0.2586	0.8997
cas_N6512_RDkit_morgan_FP		0.6426	0.3574	0.6438	0.2863	0.8828
cas_N6512_rdkit_PATTERN		0.7062	0.2938	0.7049	0.4098	0.8134
cas_N6512_RDkit_pattern_FP		0.6948	0.3052	0.6937	0.3873	0.8278
cas_N6512_rdkit_RDKITFP		0.6406	0.3594	0.6396	0.2790	0.8893
cas_N6512_rdkit_TORSION		0.6569	0.3431	0.6567	0.3129	0.8706
ccds		0.9648	0.0352	0.7039	0.3479	0.4214
ccds1%		0.7912	0.2088	0.5088	0.0100	0.3658
ccds10%		0.8368	0.1632	0.5971	0.1275	0.4174
cdc_diabetes		0.8448	0.1035	0.4244	0.2298	0.3520
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7047	0.2953	0.7000	0.3916	0.7937
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7844	0.4877	0.2146
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9380	0.0620	0.6456	0.2902	0.6263
CDS49_AID687_Rdkit-ecfp4-fp		0.9743	0.0257	0.5270	0.0187	0.1518
census		0.9509	0.0491	0.7581	0.4909	0.4641
census10%		0.9502	0.0498	0.7462	0.4798	0.5190
central-nervous-system		0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9419	0.0581	0.6302	0.2561	0.6215
cervical-S		0.9186	0.0814	0.7723	0.5432	0.6013
children-anemia		0.8752	0.0624	0.8011	0.8121	0.1885
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9827	0.0174	0.4956	-0.0015	0.0686
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9157	0.0843	0.5768	0.0985	0.5542
churn		0.8400	0.1600	0.7299	0.4491	0.6639
churn-bigml		0.8577	0.1423	0.6841	0.3616	0.6898
ci900367j_MACCS		0.7368	0.2632	0.7141	0.4254	0.7798
cirrhosis		0.7857	0.1429	0.5349	0.5675	0.4029
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7222	0.1389	0.4135	0.5380	0.2622
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.9200	0.0800	0.7382	0.3103	0.1938
cmc		0.3197	0.4535	0.3495	0.0609	0.6772
cnae-9		0.8704	0.0288	0.8758	0.8542	0.1380
codon_usage		0.6976	0.0550	0.4560	0.6406	0.4024
coil20		0.8681	0.0132	0.8841	0.8611	0.0730
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6207	0.3793	0.6328	0.2494	0.8405
colposcopies-2		0.5862	0.4138	0.5451	0.0890	0.9496
colposcopies-3		0.6207	0.3793	0.6141	0.2276	0.9066
colposcopies-4		0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5		0.8276	0.1724	0.7217	0.4402	0.7050
colposcopies-6		0.5862	0.4138	0.5852	0.1635	0.9220
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.6774	0.2151	0.6356	0.4343	0.3927
comedy_comparisons1%		0.5110	0.4890	0.5120	0.0239	0.9910

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7452	0.2548	0.7461	0.4907	0.7533
coupon		0.6593	0.3407	0.6510	0.3018	0.8734
covid19		0.1668	0.2381	0.1770	0.0179	0.3471
covtype		0.6161	0.1097	0.2959	0.3888	0.4773
covtype10%		0.6002	0.1142	0.3761	0.3615	0.4836
covtypeCD		0.9503	0.0497	0.8903	0.7786	0.3658
covtypeT		0.9545	0.0455	0.8167	0.6319	0.4889
crabs		0.9000	0.0500	0.9141	0.8667	0.1213
creditcard_trans		0.9995	0.0005	0.9179	0.8312	0.1674
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.7438	0.0854	0.4020	0.5093	0.3942
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.0938	0.0453	0.0375	0.0692	0.1774
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1333	0.2889	0.0924	-0.0375	0.6146
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.6296	0.3704	0.6140	0.2253	0.9028
darwin		0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0980	0.1804	0.0326	-0.0041	0.4889
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8260	0.1740	0.7142	0.3977	0.6453
defect		0.9043	0.0957	0.8092	0.6117	0.5247
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9020	0.0980	0.7249	0.4300	0.5808
depressed		0.7832	0.2168	0.4783	-0.0341	0.8101
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.3667	0.0588	0.6762
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
df_final		0.6875	0.2083	0.7296	0.5181	0.4007
DIA		0.7333	0.2667	0.6602	0.3191	0.8052
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k		0.9675	0.0325	0.8874	0.7472	0.1019
diabetes-risk		0.8926	0.1074	0.8276	0.6500	0.5187
diabetic		0.5054	0.3298	0.4156	0.1419	0.6512
diabetic1%		0.3725	0.4183	0.3453	0.0323	0.7852
diabetic10%		0.4695	0.3536	0.3601	0.0687	0.7934
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.4742	0.2103	0.5113	0.3023	0.4782
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.6667	0.3333	0.6857	0.3514	0.7987
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9914	0.0086	0.4978	-0.0038	0.3966
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.8174	0.1826	0.7690	0.4306	0.5050
dota2		0.5944	0.4056	0.5914	0.1819	0.9328
dota210%		0.5369	0.4631	0.5351	0.0702	0.9776
drebin		0.9694	0.0306	0.9674	0.9347	0.1979
dropout		0.7020	0.1986	0.6246	0.4612	0.4210
drug-01		0.2447	0.2158	0.1447	0.0367	0.6620
drug-02		0.3936	0.1733	0.1492	0.0979	0.5681
drug-03		0.5426	0.1307	0.1666	0.1583	0.4173
drug-04		0.3351	0.1900	0.1705	0.0865	0.5460
drug-05		0.5213	0.1368	0.1378	0.0218	0.3531

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-06		0.1170	0.2523	0.1070	-0.0105	0.6270
drug-07		0.4255	0.1641	0.1260	0.0083	0.3343
drug-08		0.2926	0.2021	0.1609	0.0812	0.5385
drug-09		0.7553	0.0699	0.1915	0.1992	0.3240
drug-10		0.2606	0.2112	0.1514	0.0728	0.5368
drug-11		0.6330	0.1049	0.1287	0.0704	0.3338
drug-12		0.5426	0.1307	0.1737	0.0883	0.3264
drug-13		0.4468	0.1581	0.2270	0.2215	0.5790
drug-14		0.3883	0.1748	0.2174	0.1696	0.4860
drug-15		0.5053	0.1413	0.1866	0.1311	0.4803
drug-16		0.4574	0.1550	0.2341	0.2455	0.4986
drug-17		0.2819	0.2052	0.1230	0.0223	0.5620
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.4840	0.1474	0.1386	0.0729	0.3756
drybean		0.8038	0.0561	0.7688	0.7647	0.2450
ecoli		0.7059	0.0735	0.4166	0.5943	0.2036
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9290	0.8479	0.3522
ecoliMU		0.7879	0.2121	0.5642	0.1149	0.6407
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2900	0.3550	0.2848	0.0530	0.8047
eeg		0.1723	0.1035	0.1401	0.0992	0.6747
eeg-eye		0.6989	0.3011	0.6945	0.3885	0.8242
eeg10%		0.1591	0.1051	0.1309	0.0869	0.6691
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4658	0.2137	0.4681	0.3328	0.5506
euthyroid		0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq		0.9149	0.0851	0.9149	0.8296	0.3874
exon.vs.intron-freq10%		0.9078	0.0922	0.9077	0.8152	0.4097
fakenews		0.4650	0.5350	0.4648	-0.0704	1.0000
farm-ads		0.8841	0.1159	0.8835	0.7671	0.4774
fbis-wc		0.3618	0.0751	0.3988	0.3105	0.5734
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.8627	0.1373	0.8624	0.7196	0.5076
financial-risk		0.6775	0.1075	0.5082	0.5045	0.3726
fishcatch		0.6875	0.1042	0.6819	0.6135	0.1762
flags		0.4500	0.1571	0.4099	0.3472	0.3424
fonts		0.0232	0.0128	0.0052	0.0093	0.4802
forest		0.9231	0.0385	0.9161	0.8936	0.1071
gas		0.9202	0.0266	0.9228	0.9032	0.1280
gastrointestinal		0.6875	0.2083	0.7054	0.4904	0.4694
gender		0.5389	0.3074	0.4823	0.0855	0.5392
gene		0.8454	0.1030	0.8240	0.7514	0.3533
german		0.6300	0.3700	0.5907	0.1814	0.9097
gestures		0.4058	0.2971	0.4632	0.2072	0.5926
gina		0.7349	0.2651	0.7353	0.4700	0.7715
gisette		0.9214	0.0786	0.9214	0.8429	0.3667
glass		0.7143	0.0952	0.5417	0.5962	0.2083
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM		0.6842	0.3158	0.6841	0.3596	0.8222
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.6000	0.2000	0.5556	0.4737	0.1226

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glioma-grade		0.8690	0.1310	0.8743	0.7381	0.4830
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4667	0.2667	0.5223	0.2638	0.5185
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.6667	0.3333	0.4923	-0.0135	0.9051
hapt		0.9076	0.0154	0.6079	0.8905	0.1069
har		0.6519	0.1392	0.6548	0.5628	0.4252
har70		0.5970	0.1151	0.3924	0.4774	0.3874
har701%		0.5916	0.1167	0.4108	0.4761	0.3730
har7010%		0.6030	0.1134	0.3990	0.4842	0.3841
harth		0.5342	0.0776	0.2122	0.3873	0.3071
harth1%		0.5197	0.0800	0.2013	0.3696	0.3242
harth10%		0.5314	0.0781	0.1996	0.3756	0.3188
hayes-roth		0.5000	0.3333	0.5440	0.2335	0.4528
hcc-survival		0.7059	0.2941	0.7286	0.4295	0.7316
health-activity		0.5100	0.2450	0.2164	-0.0877	0.3484
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.9040	0.0960	0.8864	0.7684	0.4143
heart-quantum		0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis		0.7333	0.2667	0.6779	0.3333	0.7333
hepmass		0.8476	0.1524	0.8477	0.6951	0.5654
hepmass1%		0.8440	0.1560	0.8442	0.6881	0.5732
hepmass10%		0.8466	0.1534	0.8467	0.6933	0.5675
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.6775	0.3225	0.6759	0.3518	0.8498
higgs0.1%		0.6591	0.3409	0.6626	0.3218	0.8589
higgs1%		0.6787	0.3213	0.6767	0.3529	0.8479
higgs10%		0.6779	0.3221	0.6761	0.3519	0.8489
higher		0.3571	0.1607	0.3111	0.2455	0.3252
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.8125	0.1875	0.8128	0.6206	0.6242
hiv1-proteasa		0.9089	0.0911	0.8470	0.6923	0.5354
hiva		0.8369	0.1631	0.5191	0.0247	0.3944
horse		0.5556	0.2963	0.5268	0.2653	0.6553
hotel-reservartions		0.8228	0.1772	0.7929	0.5818	0.6369
hr		0.8035	0.1965	0.5230	0.0445	0.7907
ht-sensor		0.6564	0.2291	0.6937	0.4716	0.4707
ht-sensor10%		0.6654	0.2230	0.6974	0.4869	0.4783
htru2		0.9782	0.0218	0.9316	0.8595	0.1908
hypothyroid		0.9682	0.0159	0.6478	0.8224	0.2341
hypothyroidT		0.9549	0.0451	0.8490	0.6968	0.4946
ilpd		0.7288	0.2712	0.6273	0.2313	0.7987
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9620	0.0190	0.9620	0.9493	0.0827
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.2760	0.0557	0.2833	0.2470	0.4986
jm1		0.8191	0.1809	0.6388	0.1847	0.5855
jvowels		0.5201	0.1066	0.5104	0.4541	0.4254
kc1		0.8483	0.1517	0.6625	0.3052	0.6871
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.3571	0.0536	0.0298	0.1544	0.0808
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc2		0.8077	0.1923	0.7312	0.4595	0.7161
kdc-4007		0.4838	0.1291	0.4927	0.3997	0.4029
kddcup981%		0.5579	0.4421	0.5450	0.0339	0.3058
kddcup9810%		0.7969	0.2031	0.5420	0.0584	0.4603
kddcup99		0.9902	0.0010	0.2303	0.9832	0.0675
kddcup991%		0.9767	0.0036	0.3129	0.9607	0.0662
kddcup9910%		0.9736	0.0028	0.2212	0.9553	0.0667
kepler		0.7552	0.1632	0.7238	0.5567	0.3325
kidney		0.6120	0.1552	0.1869	-0.0110	0.3100
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.1447	0.0950	0.1044	0.0611	0.6430
krvskp		0.9906	0.0094	0.9906	0.9811	0.0713
la1s-wc		0.5238	0.1587	0.5407	0.4233	0.4955
la2s-wc		0.5960	0.1347	0.5847	0.5095	0.4701
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.2353	0.0382	0.1343	0.2142	0.1287
led24		0.5000	0.1000	0.5286	0.4460	0.2476
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.1200	0.0677	0.1008	0.0840	0.5445
leukemia		0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.4722	0.0704	0.4262	0.4352	0.2041
linkage		0.9998	0.0002	0.9893	0.9784	0.0010
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9999	0.0001	0.9952	0.9903	0.0005
liver		0.7353	0.2647	0.7218	0.4354	0.7621
loan		0.9461	0.0539	0.9426	0.8838	0.2663
localization		0.2475	0.1368	0.1229	0.1259	0.6181
localization10%		0.2239	0.1411	0.1286	0.1060	0.5973
lrs		0.7358	0.0755	0.4665	0.6398	0.2014
lung		0.8571	0.0571	0.8327	0.7284	0.1893
lung_discrete		0.6250	0.1071	0.4898	0.5556	0.1220
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.8857	0.7949	0.1808
lung-cancer-harvard2		0.8333	0.1667	0.8182	0.5714	0.5283
lung-cancer-michigan		0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.7857	0.1071	0.6562	0.6348	0.1754
lymphoma2		0.7778	0.0741	0.7703	0.7143	0.1194
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.5346	0.4654	0.5346	0.0692	0.9788
magic04		0.8364	0.1636	0.8162	0.6237	0.5801
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8222	0.6430	0.6156
marketing		0.8661	0.1339	0.7135	0.4236	0.6699
maternal		0.6634	0.2244	0.6941	0.4772	0.4589
math		0.7500	0.1250	0.6806	0.6101	0.3261
mba		0.8306	0.1129	0.3721	0.0607	0.3338
mental-disorders		0.8333	0.0833	0.8654	0.7778	0.1572
mental-health		0.2200	0.3120	0.2762	0.0293	0.5878
messidor		0.7565	0.2435	0.7523	0.5046	0.7433
meter-A		0.7500	0.2500	0.7500	0.3846	0.4308
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.6931	0.7672	0.1489
meter-D		0.7778	0.1111	0.7603	0.7037	0.1380
mfeat-fac		0.8650	0.0270	0.8754	0.8500	0.1404
mfeat-fou		0.4500	0.1100	0.4725	0.3889	0.4321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-kar		0.4950	0.1010	0.5138	0.4389	0.4328
mfeat-mor		0.4450	0.1110	0.4222	0.3833	0.3201
mfeat-pix		0.5550	0.0890	0.5713	0.5056	0.4052
mfeat-zer		0.4950	0.1010	0.4868	0.4389	0.3864
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9151	0.0566	0.9221	0.8679	0.1515
mines		0.3824	0.2471	0.4731	0.2273	0.4533
mobile		0.0280	0.0347	0.0149	0.0103	0.4264
monks-1		0.9636	0.0364	0.9636	0.9272	0.2103
monks-2		0.7869	0.2131	0.7733	0.5435	0.6992
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.1061	0.1625	0.1608	0.0442	0.4965
musk		0.9530	0.0470	0.9062	0.8088	0.3074
MUT_ci300400a_cdk_ECFP2		0.7734	0.2266	0.7647	0.5273	0.7137
MUT_ci300400a_cdk_ECFP4		0.7365	0.2635	0.7299	0.4598	0.7751
MUT_ci300400a_cdk_ECFP6		0.6766	0.3234	0.6735	0.3454	0.8460
MUT_ci300400a_cdk_ESTATE		0.7338	0.2662	0.7223	0.4408	0.7739
MUT_ci300400a_cdk_EXTENDED		0.7302	0.2698	0.7199	0.4386	0.7844
MUT_ci300400a_cdk_FCFP2		0.8024	0.1976	0.7949	0.5876	0.6596
MUT_ci300400a_cdk_FCFP4		0.7662	0.2338	0.7579	0.5151	0.7291
MUT_ci300400a_cdk_FCFP6		0.7266	0.2734	0.7255	0.4482	0.7789
MUT_ci300400a_cdk_MACCS		0.7758	0.2242	0.7676	0.5342	0.7120
MUT_ci300400a_cdk_PUBCHEM		0.8144	0.1856	0.8075	0.6126	0.6352
MUT_ci300400a_cdk_STANDARD		0.7581	0.2419	0.7499	0.4995	0.7431
MUT_ci300400a_rdkit_descriptors		0.7920	0.2080	0.7857	0.5694	0.6789
myocardial		0.7235	0.0691	0.2847	0.2628	0.4179
naticusdroid		0.9625	0.0375	0.9625	0.9250	0.2151
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.3333	0.2222	0.2222	0.2000	0.2386
ncRNA		0.6937	0.0322	0.1592	0.3964	0.6048
ncRNA1%		0.6156	0.0405	0.1370	0.3127	0.5981
ncRNA10%		0.6618	0.0356	0.1358	0.3512	0.5694
neo		0.9085	0.0915	0.6566	0.2234	0.4879
new-thyroid		0.8571	0.0952	0.8437	0.7000	0.2880
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.3540	0.0294	0.3159	0.3368	0.4183
newspop		0.6572	0.3428	0.6542	0.3067	0.8703
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9440	0.0560	0.9323	0.8643	0.3318
NPHA-doctor-visits		0.4722	0.3519	0.3113	0.0000	0.7200
nursery		0.9252	0.0374	0.8801	0.8907	0.1700
obesity		0.8673	0.0379	0.8687	0.8451	0.1466
obs		0.6389	0.1806	0.6608	0.5053	0.4016
occupancy		0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation		0.9901	0.0049	0.9716	0.9701	0.0617
oh0-wc		0.6733	0.0653	0.6545	0.6307	0.3089
oh10-wc		0.5333	0.0933	0.5017	0.4721	0.3963
oh15-wc		0.4348	0.1130	0.4255	0.3699	0.4652
oh5-wc		0.5714	0.0857	0.6205	0.5233	0.3542
ohscal-wc		0.3414	0.1317	0.3507	0.2684	0.6671
olive		0.8246	0.0390	0.8066	0.7802	0.1418
opn310k		0.9113	0.0887	0.6509	0.2471	0.5564
opn310k10%		0.9094	0.0906	0.6479	0.2647	0.6073
opnat310k-hg16-17		0.9117	0.0883	0.6546	0.2563	0.5571
optdigits		0.6032	0.0794	0.6270	0.5584	0.3879
optdigitsZ		0.9947	0.0053	0.9834	0.9668	0.0845

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
orl		0.5250	0.0238	0.4620	0.5128	0.0912
orlraws10P		0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.6653	0.2922	0.5026
ozone8hr		0.9209	0.0791	0.6211	0.1984	0.5790
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6856	0.3144	0.6511	0.3022	0.8530
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7540	0.2460	0.7550	0.5084	0.7394
p53-mutants		0.9704	0.0296	0.6443	0.1552	0.2852
p53-mutants10%		0.8185	0.1815	0.4501	-0.0063	0.0411
page-blocks		0.9159	0.0336	0.5691	0.5531	0.3574
parkinson		0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons		0.7678	0.2322	0.7613	0.5196	0.7224
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.9036	0.0964	0.8811	0.7622	0.4698
particle10%		0.8923	0.1077	0.8669	0.7338	0.5023
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac		0.4897	0.5103	0.4887	-0.0224	0.9900
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7895	0.2105	0.7007	0.3962	0.7434
pediatric-leukemia		0.7059	0.0840	0.6676	0.6394	0.2708
pendigits		0.4641	0.1072	0.4935	0.4040	0.4405
period		0.5556	0.4444	0.5791	0.1429	0.8628
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.7843	0.2157	0.7648	0.5242	0.6950
personalities		0.2117	0.0985	0.2250	0.1591	0.6079
pet-adoption		0.9450	0.0550	0.9373	0.8732	0.2769
phishing		0.9510	0.0490	0.9489	0.8976	0.2724
PhiUSIIL		0.9999	0.0001	0.9999	0.9998	0.0013
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc		0.6703	0.0942	0.6627	0.6136	0.3014
phone-acc0.1%		0.6355	0.1041	0.6401	0.5732	0.3054
phone-acc1%		0.6341	0.1045	0.6231	0.5711	0.3247
phone-acc10%		0.6654	0.0956	0.6590	0.6079	0.3074
phone-gyr		0.6900	0.0886	0.6742	0.6363	0.2817
phone-gyr0.1%		0.6432	0.1019	0.6351	0.5810	0.2774
phone-gyr1%		0.6391	0.1031	0.6432	0.5762	0.2852
phone-gyr10%		0.6629	0.0963	0.6459	0.6044	0.2911
phoneme		0.8204	0.1796	0.7677	0.5288	0.6575
phy		0.7184	0.2816	0.7190	0.4365	0.7929
pima		0.7500	0.2500	0.7322	0.4547	0.7404
pirvision		0.9895	0.0070	0.9819	0.9670	0.0760
placement		0.7900	0.2100	0.7834	0.5664	0.6879
plant-growth		0.5789	0.4211	0.5760	0.1364	0.9011
plrx		0.5000	0.5000	0.4121	-0.1739	0.9401
poker		0.4887	0.1023	0.1070	0.0804	0.2622
poker1%		0.4693	0.1516	0.1477	0.0502	0.3038
poker10%		0.4811	0.1297	0.1329	0.0714	0.2828
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9480	0.0520	0.6296	0.1246	0.3525
polish-5th		0.9459	0.0541	0.7416	0.4065	0.3622
polya		0.7557	0.2443	0.7302	0.4597	0.7590
popularity		0.6595	0.2270	0.4068	0.1747	0.4511
post-operative		0.3333	0.4444	0.1667	-0.3846	0.4858
postures		0.6389	0.1444	0.6801	0.5502	0.3964
pred-tox_mutagen_ref-desc		0.5882	0.4118	0.5897	0.1765	0.9301

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prestige			0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor			0.0909	0.0826	0.0461	0.0416	0.2720
processed			0.9997	0.0003	0.9996	0.9992	0.0029
profb			0.7313	0.2687	0.7194	0.4306	0.7661
promoters			0.7000	0.3000	0.6784	0.3478	0.8165
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.7734	0.0906	0.6801	0.6977	0.2993
puc-rio10%			0.7966	0.0814	0.6998	0.7270	0.2809
pufs-128			0.5015	0.4985	0.5015	0.0029	0.9985
pufs-1281%			0.5032	0.4968	0.5032	0.0063	0.9976
pufs-12810%			0.4989	0.5011	0.4989	-0.0022	0.9998
pufs-64			0.5163	0.4837	0.5164	0.0326	0.9878
pufs-641%			0.5088	0.4913	0.5087	0.0175	0.9949
pufs-6410%			0.5079	0.4921	0.5079	0.0158	0.9955
pulsar			0.9792	0.0208	0.9356	0.8672	0.1717
raisin			0.9333	0.0667	0.9351	0.8667	0.2999
rcv11%			0.4889	0.0249	0.2696	0.4478	0.4041
re0-wc			0.4267	0.0882	0.3506	0.3119	0.6318
re1-wc			0.4096	0.0472	0.4666	0.3591	0.4124
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.5976	0.0168	0.1722	0.4704	0.6898
rice			0.9857	0.0143	0.9856	0.9711	0.0943
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6372	0.3628	0.6142	0.2247	0.8974
RT_IOT2022			0.9786	0.0036	0.6169	0.9463	0.0274
satimage			0.6921	0.1026	0.6567	0.6270	0.3502
satimageF			0.9782	0.0218	0.9427	0.8849	0.2300
satimageT			0.9160	0.0840	0.7442	0.4812	0.5821
scadi			0.7143	0.0816	0.3896	0.6111	0.0825
schiller			0.4444	0.5556	0.3077	-0.3636	0.8576
schizo			0.6765	0.3235	0.6768	0.3529	0.8487
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.7949	0.2051	0.5446	0.0700	0.5326
secondary_mushroom			0.9718	0.0282	0.9716	0.9428	0.1620
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8485	0.0433	0.8608	0.8232	0.1719
segmentation			0.8366	0.1634	0.8238	0.6472	0.6102
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9380	0.0620	0.6579	0.1839	0.3687
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8500	0.1500	0.4595	-0.0334	0.6428
sens-10-gram			0.8451	0.1549	0.6018	0.1914	0.7309
sens-2-gram			0.8237	0.1763	0.6043	0.2083	0.7518
sens-3-gram			0.7711	0.2289	0.6213	0.2276	0.7087
sens-4-gram			0.7316	0.2684	0.5539	0.1003	0.7210
sens-5-gram			0.7237	0.2763	0.5496	0.0915	0.7166
sens-6-gram			0.7605	0.2395	0.5704	0.1355	0.7357
sens-7-gram			0.7605	0.2395	0.5055	0.0109	0.7706
sens-8-gram			0.7711	0.2289	0.5566	0.1113	0.7526
sens-9-gram			0.8000	0.2000	0.5624	0.1248	0.7676
sensorless			0.3867	0.1115	0.4304	0.3253	0.4098
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8905	0.1095	0.7791	0.5561	0.5958
shuttle			0.9645	0.0101	0.5473	0.9044	0.1567
sick			0.9788	0.0212	0.9082	0.8071	0.1898
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
skin			0.9826	0.0174	0.9745	0.9482	0.1847
skin10%			0.9804	0.0196	0.9716	0.9421	0.2011
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2200	0.3900	0.2313	-0.0394	0.8443
smk_can_187			0.7895	0.2105	0.7889	0.5778	0.6844
smoking			0.7508	0.2492	0.7406	0.4785	0.7519
soil_pollution			0.1933	0.3227	0.1582	-0.0130	0.7426
solar-flare			0.6619	0.1127	0.5277	0.5667	0.2064
sonar			0.4500	0.5500	0.4475	-0.1000	1.0000
soybean			0.9118	0.0093	0.9306	0.9033	0.0588
spam-detection			0.9530	0.0470	0.8580	0.7159	0.4566
spambase			0.9065	0.0935	0.9018	0.8021	0.4082
spect			0.5926	0.4074	0.5509	0.0917	0.8056
spectf			0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer			0.1346	0.0641	0.0792	0.0859	0.3365
splice-EI			0.9369	0.0631	0.9164	0.8328	0.3674
splice-IE			0.8896	0.1104	0.8509	0.7012	0.5377
sport-articles			0.8000	0.2000	0.7802	0.5510	0.6550
squash-stored			0.6000	0.2667	0.5000	0.3750	0.3000
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7871	0.1419	0.7619	0.6610	0.3836
steel-b			0.8359	0.1641	0.7290	0.4464	0.6666
steel-d			0.9744	0.0256	0.7350	0.4328	0.4212
steel-k			0.9846	0.0154	0.9767	0.9533	0.1586
steel-o			0.7692	0.2308	0.7393	0.4758	0.7367
steel-p			0.9282	0.0718	0.7214	0.4253	0.5579
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9744	0.0256	0.9334	0.8638	0.3518
stellar			0.9078	0.0615	0.8877	0.8357	0.2730
stock			0.9028	0.0972	0.8270	0.6505	0.5175
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9160	0.0840	0.9156	0.8289	0.3677
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.3600	0.2560	0.2671	0.1373	0.4474
student-depression			0.8337	0.1663	0.8276	0.6544	0.6000
student-habits			0.3400	0.2640	0.2010	-0.0066	0.6838
student-weekend			0.3231	0.2708	0.2359	0.0866	0.7538
student-workday			0.5312	0.1875	0.1925	0.0684	0.6694
studentap			0.3846	0.4103	0.3021	0.0189	0.7354
susy			0.7909	0.2091	0.7910	0.5724	0.6533
susy1%			0.7954	0.2046	0.7954	0.5819	0.6470
susy10%			0.7913	0.2087	0.7913	0.5732	0.6534
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9938	0.0062	0.9938	0.9875	0.0455
swarm_grouped			0.9954	0.0046	0.9951	0.9902	0.0296
tae			0.3333	0.4444	0.3521	0.0000	0.7341
telco-churn			0.8991	0.1009	0.8683	0.7356	0.4784
texture			0.8818	0.0215	0.8843	0.8697	0.1157
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7447	0.2553	0.4964	-0.0071	0.8042
thrombin			0.8796	0.1204	0.6621	0.1772	0.3263
Thyroid_Diff			0.9211	0.0789	0.9074	0.8131	0.4145
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8145	0.1855	0.7723	0.5386	0.6789
tis10%			0.8209	0.1791	0.7354	0.4503	0.6526
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1250	0.4583	0.4667	0.0988

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tox_171			0.9412	0.0294	0.9478	0.9209	0.0644
toxicity			0.5882	0.4118	0.5662	0.1314	0.9243
toxicity-13f			0.6471	0.3529	0.5597	0.0893	0.8324
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.4717	-0.0417	0.8614
trec11-wc			0.6829	0.0705	0.6522	0.6270	0.2995
trec12-wc			0.8065	0.0484	0.7120	0.7660	0.1318
trec21-wc			0.8182	0.0606	0.5462	0.6471	0.1660
trec23-wc			0.6667	0.1111	0.7333	0.5928	0.2653
trec31-wc			0.8065	0.0645	0.7989	0.7479	0.2929
trec41-wc			0.7614	0.0477	0.6524	0.7132	0.2468
trec45-wc			0.6667	0.0667	0.6309	0.6178	0.2813
tuandromd			0.9731	0.0269	0.9576	0.9136	0.1604
turkish			0.7000	0.1500	0.7080	0.6000	0.3734
tvnews			0.8991	0.1009	0.8905	0.7806	0.4444
tvnews1%			0.7769	0.2231	0.7639	0.5272	0.7181
tvnews10%			0.8759	0.1241	0.8666	0.7332	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.5522	0.0995	0.5208	0.4824	0.3354
urinalysis			0.9231	0.0769	0.6942	0.3810	0.6215
ustilago			0.9898	0.0102	0.7329	0.4657	0.5269
ustilago1%			0.7606	0.2394	0.5959	0.0335	0.1069
ustilago10%			0.9553	0.0447	0.5902	0.1245	0.3660
vehicle			0.7143	0.1429	0.6908	0.6125	0.2808
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowel			0.4545	0.0992	0.4457	0.4000	0.2900
vowelZ			0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17			0.9208	0.0792	0.7027	0.3554	0.5108
wap-wc			0.5641	0.0436	0.5307	0.5274	0.3318
warpar10p			0.6923	0.0615	0.6055	0.6533	0.0920
warppie10p			0.9524	0.0095	0.9623	0.9468	0.0229
watch-acc			0.6535	0.0990	0.6610	0.5955	0.3105
watch-acc1%			0.5789	0.1203	0.5798	0.5089	0.3952
watch-acc10%			0.6316	0.1052	0.6265	0.5705	0.3085
watch-gyr			0.6630	0.0963	0.6858	0.6076	0.3032
watch-gyr1%			0.6036	0.1133	0.6187	0.5372	0.3240
watch-gyr10%			0.6124	0.1107	0.6202	0.5482	0.3391
water_pollution			0.2733	0.3633	0.1818	0.0266	0.5711
waveform			0.7540	0.1640	0.7577	0.6308	0.4588
weather-related			0.8096	0.0346	0.7693	0.7843	0.1758
web-phishing			0.8074	0.1284	0.6812	0.6549	0.4771
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.6576	0.1370	0.6712	0.5660	0.4205
white-clover			0.5000	0.2500	0.3409	0.2500	0.1874
wifi-loc			0.9800	0.0100	0.9805	0.9733	0.0415
wilt			0.9938	0.0062	0.9699	0.9379	0.2404
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5157	0.1614	0.2367	0.2254	0.4429
winequality-white			0.3129	0.1963	0.1521	0.0150	0.3736
winnipeg			0.9748	0.0072	0.8323	0.9682	0.0489
winnipeg10%			0.9724	0.0079	0.8161	0.9650	0.0610
wisc_bc			0.9649	0.0351	0.9643	0.9261	0.2027
yale			0.5625	0.0583	0.4678	0.5294	0.1078
yeast			0.5135	0.0973	0.3342	0.3586	0.3746
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.5409	0.0918	0.5354	0.4845	0.4329

Table 186: Detailed results for RIPPER(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1511	0.0585	0.0676	0.0509	0.3588
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.6393	0.1000	0.5239
ads		0.9756	0.0244	0.9482	0.8950	0.1934
adult		0.8251	0.1749	0.7297	0.4199	0.6096
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9977	0.0023	0.5656	0.1239	0.4716
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8779	0.1221	0.8252	0.6197	0.4336
air_pollution		0.3933	0.1733	0.1209	-0.0034	0.5158
air-booking		0.8520	0.1480	0.6058	0.0321	0.3646
airline		0.9225	0.0775	0.9241	0.8392	0.2837
alcohol		0.7524	0.0990	0.3835	0.3895	0.2922
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.7674	0.2326	0.7583	0.5116	0.7220
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9499	0.0250	0.9096	0.9024	0.1021
anuran-genus		0.9221	0.0195	0.8451	0.8669	0.1312
anuran-species		0.8958	0.0208	0.8145	0.8545	0.1576
anxiety		0.1167	0.1963	0.0606	0.0006	0.4831
apple-quality		0.7150	0.2850	0.7474	0.4300	0.6139
aps-failure		0.9887	0.0113	0.8260	0.6475	0.3988
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.9912	0.0088	0.5590	0.0608	0.3815
arcene		0.5500	0.4500	0.6184	0.1818	0.7704
arrhythmia		0.7111	0.0444	0.4355	0.5401	0.3030

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9853	0.0147	0.9676	0.9349	0.2023
audiology		0.7391	0.0217	0.2678	0.6885	0.0792
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.6000	0.1333	0.5351	0.4613	0.3196
avila		0.9847	0.0026	0.9910	0.9801	0.0285
babies		0.3871	0.1751	0.1390	0.0169	0.3877
balance		0.7258	0.1828	0.5233	0.4908	0.3359
bank		0.9000	0.1000	0.7060	0.3908	0.5973
banknote		0.9781	0.0219	0.9779	0.9556	0.1390
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8295	0.1705	0.8117	0.6103	0.5787
basehock		0.8191	0.1809	0.8304	0.6377	0.5415
bio		0.9957	0.0043	0.8746	0.7488	0.3632
bio10%		0.9931	0.0069	0.8060	0.6119	0.4733
biodeg		0.7810	0.2190	0.7626	0.5194	0.6990
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0010	0.0342	0.0000	0.0117
body-perf		0.5187	0.2407	0.5850	0.3582	0.4760
bookings		0.9905	0.0063	0.8128	0.9799	0.0151
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.5455	0.4545	0.5222	0.0351	0.9096
breast-tissue		0.4545	0.1818	0.4148	0.3400	0.2991
bridges		0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17		0.9130	0.0870	0.6545	0.2406	0.5247
bub12at310k-hg16-17		0.9138	0.0862	0.6549	0.2254	0.4926
bub8at310k-hg16-17		0.9148	0.0852	0.6763	0.3096	0.5576
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.3322	0.0003	0.3563
car		0.9655	0.0172	0.8201	0.9248	0.0379
car-insurance		0.8570	0.1430	0.8339	0.6678	0.5795
card		0.8116	0.1884	0.8145	0.6223	0.6266
cardiotocography		0.7746	0.0451	0.7693	0.7242	0.2205
cardiotocography-nsp		0.8779	0.0814	0.7611	0.6120	0.3549
cardiovascular		0.7203	0.2797	0.7313	0.4405	0.7338
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5325	0.2788	0.5759
cas_N6512_cdk_ECFP2		0.6359	0.3641	0.6763	0.2978	0.7400
cas_N6512_rdkit_ATOMPAIR		0.6538	0.3462	0.6831	0.3274	0.7659
cas_N6512_RDkit_AtomPair_FP		0.6334	0.3666	0.6781	0.2941	0.7227
cas_N6512_rdkit_AVALON		0.6928	0.3072	0.7199	0.4015	0.7208
cas_N6512_RDkit_Avalon_FP		0.6963	0.3037	0.7204	0.4070	0.7291
cas_N6512_rdkit_descriptors		0.6754	0.3246	0.6961	0.3652	0.7743
cas_N6512_rdkit_FEATMORGAN		0.6359	0.3641	0.6814	0.2995	0.7167
cas_N6512_RDkit_Featmorgan_FP		0.6488	0.3512	0.6876	0.3212	0.7294
cas_N6512_RDkit_FP		0.7193	0.2807	0.7260	0.4436	0.7708
cas_N6512_rdkit_LAYERED		0.7154	0.2846	0.7225	0.4361	0.7749
cas_N6512_RDkit_Layered_FP		0.7377	0.2623	0.7412	0.4779	0.7555
cas_N6512_rdkit_MACCS		0.6836	0.3164	0.7086	0.3829	0.7444
cas_N6512_RDkit_MACCS_FP		0.6549	0.3451	0.6997	0.3345	0.6925
cas_N6512_rdkit_MORGAN		0.6477	0.3523	0.6928	0.3211	0.7014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.6948	0.3052	0.7192	0.4041	0.7301
cas_N6512_rdkit_PATTERN		0.6908	0.3092	0.7197	0.3981	0.7147
cas_N6512_RDkit_pattern_FP		0.7623	0.2377	0.7732	0.5305	0.6827
cas_N6512_rdkit_RDKITFP		0.6882	0.3118	0.6928	0.3804	0.8207
cas_N6512_rdkit_TORSION		0.6754	0.3246	0.7109	0.3707	0.7069
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8427	0.1049	0.3942	0.0073	0.1836
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7565	0.2435	0.7573	0.5015	0.7129
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9424	0.0576	0.5492	0.0720	0.5791
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9431	0.0569	0.7142	0.4044	0.5283
census10%		0.9482	0.0518	0.7175	0.3998	0.4898
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8828	0.0586	0.6647	0.8227	0.1837
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9036	0.0964	0.5434	0.0707	0.6622
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.9363	0.0637	0.8665	0.7304	0.4249
ci900367j_MACCS		0.6211	0.3789	0.5357	0.0262	0.7015
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6667	0.2222	0.4762	0.2933	0.3389
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7639	0.1181	0.6414	0.6394	0.3681
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.3333	0.4444	0.3860	-0.1707	0.5514
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5170	0.3220	0.5240	0.2424	0.4805
cnae-9		0.8796	0.0267	0.8959	0.8646	0.1224
codon_usage		0.6861	0.0571	0.5281	0.6229	0.3627
coil20		0.9167	0.0083	0.9353	0.9123	0.0505
college		0.8182	0.1818	0.7946	0.5792	0.6499
collins		0.8200	0.0240	0.7296	0.8014	0.0863
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.7241	0.2759	0.7041	0.2468	0.4389
colposcopies-2		0.5862	0.4138	0.4820	-0.0235	0.8868
colposcopies-3		0.5862	0.4138	0.5635	0.1256	0.9452
colposcopies-4		0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5		0.7586	0.2414	0.6667	0.3165	0.7298
colposcopies-6		0.5862	0.4138	0.6117	0.1512	0.7438
colposcopies-c		0.7586	0.2414	0.6226	0.2281	0.7911
column-2c		0.7742	0.2258	0.7354	0.4694	0.7392
column-3c		0.8387	0.1075	0.8051	0.7323	0.1793
connect-4		0.9827	0.0115	0.6626	0.5044	0.3451
cottonmeloidogyne		0.7019	0.2981	0.7155	0.4057	0.7506
coupon		0.6688	0.3312	0.6701	0.2708	0.7062
covtype10%		0.7040	0.0846	0.6176	0.5085	0.4244
covtypeCD		0.9612	0.0388	0.9266	0.8483	0.3776
covtypeT		0.9740	0.0260	0.8994	0.7988	0.3640
crabs		0.8000	0.1000	0.8000	0.7333	0.1796

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans		0.9993	0.0007	0.8875	0.7738	0.3072
creditcard_trans10%		0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced		0.8654	0.0449	0.6314	0.6945	0.3033
cryotherapy		0.5556	0.4444	0.6667	0.1818	0.5283
cultivars		0.2500	0.0375	0.1935	0.2381	0.1963
customer-churn		0.9784	0.0216	0.5953	0.1090	0.3941
cybersecurity		0.1800	0.2733	0.1137	0.0042	0.4128
cyclopentane		0.5926	0.4074	0.6507	0.2326	0.7311
cylinder-bands		0.6667	0.3333	0.6997	0.3614	0.7481
darwin		0.7222	0.2778	0.7358	0.4444	0.7161
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1018	0.1796	0.0185	-0.0004	0.4127
dbworld		0.7143	0.2857	0.7083	0.4167	0.8058
default		0.8267	0.1733	0.7133	0.3858	0.6230
defect		0.8457	0.1543	0.6286	0.1687	0.5723
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8916	0.1084	0.6883	0.3536	0.6171
depressed		0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology		0.9459	0.0180	0.9244	0.9320	0.0515
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.7500	0.2500	0.7513	0.5000	0.7429
df_final		0.5000	0.3333	0.5965	0.2099	0.3713
DIA		0.7333	0.2667	0.6286	0.2558	0.8281
diabetes		0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k		0.9386	0.0614	0.7762	0.5383	0.4952
diabetic1%		0.5490	0.3007	0.3490	0.0452	0.4721
diabetic10%		0.5393	0.3071	0.3120	0.0035	0.3666
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8000	0.1000	0.7977	0.7221	0.2775
diamonds_all		0.6439	0.1425	0.5611	0.4959	0.4432
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9217	0.0783	0.7647	0.5285	0.5845
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.9774	0.0226	0.9757	0.9513	0.1454
dropout		0.6953	0.2032	0.6260	0.4465	0.4090
drug-01		0.3989	0.1717	0.2415	0.0236	0.4613
drug-02		0.5106	0.1398	0.0976	0.0096	0.3780
drug-03		0.6862	0.0897	0.1163	-0.0072	0.2441
drug-04		0.5160	0.1383	0.0986	0.0032	0.4646
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2766	0.2067	0.1391	0.0759	0.5161
drug-07		0.4149	0.1672	0.0854	-0.0026	0.4156
drug-08		0.5479	0.1292	0.1543	0.0365	0.3874
drug-09		0.8723	0.0365	0.2089	0.0712	0.1034
drug-10		0.5319	0.1337	0.1715	0.0077	0.4720
drug-11		0.8511	0.0426	0.1317	0.0277	0.1205
drug-12		0.7872	0.0608	0.1262	0.0131	0.2591
drug-13		0.5798	0.1201	0.1052	0.0052	0.2571
drug-14		0.5798	0.1201	0.2350	0.0985	0.5324
drug-15		0.7606	0.0684	0.1253	0.0723	0.1886
drug-16		0.5160	0.1383	0.1630	0.0472	0.4399
drug-17		0.3723	0.1793	0.2458	0.0915	0.3928

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1243	0.0097	0.2827
drybean		0.8663	0.0382	0.8563	0.8379	0.1907
ecoli		0.7059	0.0735	0.3727	0.5859	0.2321
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.8788	0.1212	0.6513	0.2747	0.5984
ecommerce		0.2400	0.3800	0.1821	-0.0020	0.5619
eeg		0.2643	0.0920	0.3323	0.1570	0.5601
eeg-eye		0.6642	0.3358	0.6843	0.2776	0.6481
eeg10%		0.1997	0.1000	0.2053	0.0877	0.5632
email_phishing		0.9869	0.0131	0.6354	0.0277	0.0898
eucalyptus		0.6027	0.1589	0.5584	0.4768	0.4085
euthyroid		0.9367	0.0633	0.8655	0.7092	0.5175
exon.vs.intron-freq10%		0.8890	0.1110	0.8915	0.7758	0.4236
fakenews		0.5075	0.4925	0.6028	0.0051	0.5275
farm-ads		0.7585	0.2415	0.7798	0.5259	0.6318
fbis-wc		0.6748	0.0383	0.5821	0.6307	0.2449
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5686	0.4314	0.6253	0.0475	0.5150
financial-risk		0.7395	0.0868	0.4856	0.5636	0.3066
fishcatch		0.6250	0.1250	0.5125	0.4947	0.2677
flags		0.6000	0.1000	0.3168	0.4737	0.2133
forest		0.7692	0.1154	0.7912	0.6829	0.2692
gas		0.9676	0.0108	0.9658	0.9608	0.0716
gastrointestinal		0.7500	0.1667	0.5769	0.5429	0.2455
gender		0.5811	0.2793	0.3317	0.0153	0.4668
gene		0.8864	0.0757	0.8686	0.8134	0.2605
german		0.6800	0.3200	0.6116	0.1645	0.7536
gestures		0.7337	0.1331	0.7510	0.6449	0.3818
gina		0.8790	0.1210	0.8797	0.7581	0.4845
gisette		0.9286	0.0714	0.9289	0.8571	0.3386
glass		0.7619	0.0794	0.7237	0.6613	0.1637
glass-g2		0.5000	0.5000	0.5333	0.0588	0.9056
glassBWFP		0.8571	0.1429	0.8740	0.7175	0.4205
glassBWNFP		0.6190	0.3810	0.6734	0.2941	0.7328
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.4000	0.3000	0.3529	0.1667	0.2580
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.6000	0.4000	0.7143	0.3103	0.5288
grub-damage		0.4000	0.3000	0.4410	0.1916	0.5302
gsalc		0.6667	0.1111	0.6667	0.6029	0.1390
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
hapt		0.8737	0.0210	0.7041	0.8501	0.1335
har		0.9261	0.0296	0.9233	0.9067	0.1378
har701%		0.8810	0.0340	0.5813	0.8205	0.1477
har7010%		0.8906	0.0313	0.6132	0.8333	0.1405
harth1%		0.8008	0.0332	0.4444	0.7226	0.2118
harth10%		0.7910	0.0348	0.4735	0.7116	0.2227
hayes-roth		0.6250	0.2500	0.6419	0.3806	0.5043
hcc-survival		0.5294	0.4706	0.5919	0.1392	0.8021
health-activity		0.7600	0.1200	0.2159	-0.0131	0.3198

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart		0.7778	0.2222	0.7713	0.5120	0.6272
heart-attack		0.8065	0.1935	0.8048	0.6043	0.6369
heart-c		0.8000	0.2000	0.8001	0.5946	0.6479
heart-failure		0.9700	0.0300	0.9650	0.9295	0.1765
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.8111	0.1889	0.8149	0.6218	0.6159
hepmass10%		0.7942	0.2058	0.8057	0.5878	0.5963
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.6923	0.3077	0.6596	0.2973	0.7623
higgs0.1%		0.5527	0.4473	0.6230	0.1454	0.6746
higgs1%		0.5850	0.4150	0.6436	0.2029	0.7035
higher		0.0714	0.2321	0.0833	-0.0898	0.4335
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8600	0.1400	0.7240	0.4360	0.6465
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6389	0.2407	0.5832	0.3684	0.6145
hotel-reservartions		0.8002	0.1998	0.7652	0.5253	0.6819
hr		0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor10%		0.9956	0.0029	0.9957	0.9934	0.0199
htru2		0.9749	0.0251	0.9222	0.8434	0.2789
hypothyroid		0.9841	0.0080	0.6948	0.8996	0.0665
hypothyroidT		0.9920	0.0080	0.9716	0.9431	0.1266
ilpd		0.6949	0.3051	0.5595	0.0985	0.8400
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9680	0.0160	0.9681	0.9573	0.0682
ionosphere		0.8000	0.2000	0.8073	0.5868	0.6084
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.6072	0.0302	0.6672	0.5915	0.2578
jm1		0.8127	0.1873	0.6441	0.0578	0.3744
jvowels		0.7631	0.0527	0.7875	0.7319	0.2614
kc1		0.8436	0.1564	0.6472	0.2726	0.6972
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.6429	0.0298	0.0341	0.1139	0.1206
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6081	0.1734	0.7219
kdc-4007		0.5835	0.1190	0.6776	0.5126	0.3225
kddcup981%		0.9158	0.0842	0.4780	-0.0411	0.6731
kddcup9810%		0.9456	0.0544	0.4860	-0.0060	0.3757
kddcup991%		0.9964	0.0006	0.7255	0.9938	0.0265
kepler		0.8515	0.0990	0.7994	0.7560	0.2440
kidney		0.7989	0.0804	0.1776	-0.0012	0.2092
kidney-disease		0.9250	0.0750	0.9216	0.8421	0.3697
krkopt		0.3725	0.0697	0.5282	0.2807	0.3639
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.7302	0.0899	0.7029	0.6483	0.3334
la2s-wc		0.7616	0.0795	0.7601	0.6897	0.2750
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.3235	0.0338	0.1913	0.3037	0.1458
led24		0.5000	0.1000	0.5160	0.4398	0.2673
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7930	0.0159	0.8313	0.7847	0.1806
leukemia		0.5714	0.2857	0.5072	0.3636	0.3379
leukemia2		0.7143	0.2857	0.7083	0.4167	0.8058
libra		0.4167	0.0778	0.4473	0.3773	0.2555

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0207
liver		0.6765	0.3235	0.4035	0.0000	0.4580
loan		0.9344	0.0656	0.9302	0.8576	0.2974
localization		0.5253	0.0863	0.3586	0.3381	0.3878
localization10%		0.4684	0.0966	0.2571	0.2452	0.3600
lrs		0.6981	0.0604	0.3274	0.5724	0.2209
lung		0.8095	0.0762	0.4990	0.5692	0.1321
lung_discrete		0.5000	0.1429	0.3084	0.3469	0.2015
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8500	0.0600	0.6724	0.6178	0.1332
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0494	0.4251	0.6667	0.1015
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5962	0.4038	0.6175	0.1923	0.8123
magic04		0.8380	0.1620	0.8203	0.6161	0.5170
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8125	0.6245	0.6395
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.7525	0.1650	0.7726	0.6163	0.3980
math		0.7250	0.1375	0.7130	0.5982	0.3800
mba		0.8371	0.1086	0.3038	-0.0030	0.2068
mental-disorders		0.5000	0.2500	0.5000	0.3333	0.3794
mental-health		0.2067	0.3173	0.1656	0.0002	0.4338
messidor		0.6087	0.3913	0.6499	0.2570	0.7882
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.7092	0.8414	0.0898
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.8300	0.0340	0.8579	0.8111	0.1402
mfeat-fou		0.5600	0.0880	0.6207	0.5111	0.2983
mfeat-kar		0.6750	0.0650	0.7305	0.6389	0.2756
mfeat-mor		0.7150	0.0570	0.7220	0.6833	0.1993
mfeat-pix		0.8950	0.0210	0.9037	0.8833	0.1172
mfeat-zer		0.5900	0.0820	0.6584	0.5444	0.2976
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9528	0.0314	0.9588	0.9276	0.1183
mines		0.5588	0.1765	0.5879	0.4528	0.2819
mobile		0.4755	0.0187	0.5662	0.4661	0.2328
monks-1		0.7455	0.2545	0.7843	0.4860	0.4644
monks-2		0.6393	0.3607	0.3900	-0.0323	0.6755
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.3844	0.1119	0.3773	0.2009	0.5030
musk		0.9515	0.0485	0.9033	0.8034	0.3228
MUT_ci300400a_cdk_ECFP2		0.6535	0.3465	0.7120	0.3527	0.6638
MUT_ci300400a_cdk_ECFP4		0.6084	0.3916	0.6812	0.2793	0.6729
MUT_ci300400a_cdk_ECFP6		0.6874	0.3126	0.7228	0.4027	0.7094
MUT_ci300400a_cdk_ESTATE		0.6283	0.3717	0.6900	0.3090	0.6902
MUT_ci300400a_cdk_EXTENDED		0.7602	0.2398	0.7750	0.5292	0.6729
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5671	0.4329	0.6437	0.2096	0.7116
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_MACCS		0.7302	0.2698	0.7562	0.4782	0.6777
MUT_ci300400a_cdk_PUBCHEM		0.7150	0.2850	0.7448	0.4515	0.6875
MUT_ci300400a_cdk_STANDARD		0.7210	0.2790	0.7358	0.4527	0.7380
MUT_ci300400a_rdkit_descriptors		0.6817	0.3183	0.7214	0.3933	0.6977
myocardial		0.8765	0.0309	0.4228	0.4269	0.2923
naticusdroid		0.9441	0.0559	0.9442	0.8882	0.2871
NCI60		0.5000	0.1667	0.4286	0.4000	0.2097
nci9		0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA1%		0.8885	0.0117	0.3917	0.6518	0.3199
ncRNA10%		0.8919	0.0114	0.4382	0.6560	0.2799
neo		0.9092	0.0908	0.6596	0.1622	0.3662
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.8571	0.1429	0.8250	0.5882	0.5283
newspop		0.5363	0.4637	0.6054	0.1171	0.6881
NHANES_age_prediction		0.9780	0.0220	0.9624	0.9219	0.2562
nomao		0.9521	0.0479	0.9411	0.8821	0.2859
NPHA-doctor-visits		0.5139	0.3241	0.4081	-0.0052	0.4951
nursery		0.9985	0.0006	0.7990	0.9977	0.0050
obesity		0.8720	0.0366	0.8745	0.8506	0.1638
obs		0.9444	0.0278	0.9602	0.9168	0.0900
occupancy		0.9825	0.0175	0.9752	0.9502	0.1304
Occupancy_Estimation		0.9891	0.0054	0.9616	0.9668	0.0218
oh0-wc		0.7228	0.0554	0.7444	0.6789	0.2262
oh10-wc		0.5524	0.0895	0.5854	0.4816	0.3397
oh15-wc		0.6522	0.0696	0.6465	0.6046	0.2699
oh5-wc		0.5604	0.0879	0.6189	0.5011	0.3487
olive		0.7719	0.0507	0.7106	0.7222	0.1753
opn310k		0.9147	0.0853	0.6678	0.2753	0.5296
opn310k10%		0.9161	0.0839	0.6838	0.3399	0.5818
opnat310k-hg16-17		0.9173	0.0827	0.6853	0.3194	0.5296
optdigits		0.8541	0.0292	0.8762	0.8379	0.1489
optdigitsZ		0.9929	0.0071	0.9785	0.9569	0.1594
orl		0.5250	0.0238	0.4996	0.5128	0.1519
ovarian-cancer		0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr		0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr		0.9289	0.0711	0.6680	0.2785	0.5157
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7938	0.2062	0.7687	0.5373	0.7001
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8492	0.1508	0.8488	0.6975	0.5632
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9580	0.0168	0.7516	0.7320	0.2472
parkinson		0.9500	0.0500	0.9516	0.8984	0.2374
parkinsons		0.7014	0.2986	0.7170	0.4129	0.7568
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.8524	0.1476	0.8430	0.6693	0.5592
particle10%		0.7738	0.2262	0.7903	0.5348	0.6053
pasture		0.5000	0.3333	0.5000	0.2727	0.3214
pc1		0.9189	0.0811	0.5907	0.1483	0.6102
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia		0.6765	0.0924	0.6348	0.5961	0.2086
pendigits		0.9163	0.0167	0.9228	0.9069	0.1108
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.5556	0.4444	0.3571	-0.2000	0.9762
persistency		0.7843	0.2157	0.7902	0.5657	0.6593
pet-adoption		0.9350	0.0650	0.9263	0.8477	0.2815
phishing		0.9469	0.0531	0.9445	0.8889	0.2873
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
phone-acc0.1%			0.6876	0.0893	0.6892	0.6347	0.2789
phone-acc1%			0.7048	0.0843	0.7234	0.6550	0.2482
phone-gyr0.1%			0.7150	0.0814	0.7286	0.6667	0.2871
phone-gyr1%			0.7334	0.0762	0.7511	0.6882	0.2616
phoneme			0.8444	0.1556	0.7980	0.5712	0.5410
phy			0.5880	0.4120	0.6522	0.1723	0.6005
pima			0.6053	0.3947	0.3770	0.0000	0.4977
pirvision			0.9902	0.0065	0.9828	0.9688	0.0574
placement			0.7820	0.2180	0.7769	0.5335	0.6453
plant-growth			0.7368	0.2632	0.7841	0.4865	0.4786
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.5114	0.1086	0.3055	0.0300	0.2086
poker1%			0.5015	0.0997	0.1298	0.0110	0.3265
poker10%			0.5121	0.0976	0.2527	0.0334	0.2606
polish-1st			0.9687	0.0313	0.7311	0.3769	0.3207
polish-2nd			0.9597	0.0403	0.5920	0.0809	0.3695
polish-3rd			0.9514	0.0486	0.6163	0.1493	0.4505
polish-4th			0.9490	0.0510	0.6516	0.1003	0.2396
polish-5th			0.9255	0.0745	0.6848	0.3662	0.6231
polya			0.6422	0.3578	0.3910	0.0000	0.4790
popularity			0.6318	0.2455	0.3706	0.0033	0.3092
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9625	0.0150	0.9635	0.9531	0.0827
pred-tox_mutagen_ref-desc			0.5441	0.4559	0.5574	0.0882	0.8625
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3333	0.0606	0.1731	0.2733	0.2331
processed			0.9614	0.0386	0.9558	0.9095	0.1845
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.5714	0.4286	0.6144	0.1923	0.8231
prostate_GE			0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio			0.9708	0.0117	0.9478	0.9609	0.0811
puc-rio10%			0.9348	0.0261	0.9005	0.9119	0.1137
pufs-1281%			0.4995	0.5005	0.3331	-0.0007	0.5354
pufs-12810%			0.4999	0.5001	0.4990	-0.0001	0.5618
pufs-641%			0.5021	0.4979	0.5062	0.0034	0.7009
pufs-6410%			0.5003	0.4997	0.5173	0.0001	0.5313
pulsar			0.9792	0.0208	0.9358	0.8694	0.2024
raisin			0.8778	0.1222	0.8801	0.7556	0.4709
re0-wc			0.6933	0.0472	0.6070	0.5695	0.3432
re1-wc			0.6747	0.0260	0.4885	0.6133	0.2018
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9824	0.0176	0.9824	0.9644	0.1020
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.9972	0.0005	0.9641	0.9931	0.0084
satimage			0.8289	0.0570	0.8177	0.7901	0.2360
satimageF			0.9844	0.0156	0.9611	0.9218	0.2346
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.0816	0.4714	0.6316	0.1263
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5000	0.5000	0.5000	0.0000	0.7508
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9231	0.0769	0.4800	-0.0218	0.5944
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.8918	0.0309	0.9086	0.8733	0.1185
segmentation			0.7426	0.2574	0.7053	0.3814	0.7245

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8632	0.1368	0.4633	-0.0102	0.4508
sens-10-gram			0.8609	0.1391	0.5306	0.0172	0.4992
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-4-gram			0.8684	0.1316	0.6240	0.1908	0.6139
sens-5-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-6-gram			0.8579	0.1421	0.4618	-0.0199	0.5487
sens-7-gram			0.8658	0.1342	0.5503	0.0232	0.4453
sens-8-gram			0.8658	0.1342	0.5807	0.0754	0.5299
sens-9-gram			0.8632	0.1368	0.5795	0.0936	0.5903
sensorless			0.9639	0.0066	0.9657	0.9603	0.0529
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9011	0.0989	0.7913	0.5706	0.5295
shuttle			0.9884	0.0033	0.6391	0.9671	0.0621
sick			0.9549	0.0451	0.8423	0.6778	0.5243
sirtuin6			0.7000	0.3000	0.7041	0.4000	0.7994
skin			0.9747	0.0253	0.9610	0.9216	0.1788
skin10%			0.9685	0.0315	0.9516	0.8995	0.1397
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2200	0.3900	0.0917	-0.0541	0.5775
smk_can_187			0.5789	0.4211	0.5778	0.1556	0.9466
smoking			0.6985	0.3015	0.7535	0.4380	0.6100
soil_pollution			0.2067	0.3173	0.2354	0.0003	0.4627
solar-flare			0.7554	0.0815	0.7089	0.6863	0.2054
sonar			0.5500	0.4500	0.5582	0.1000	0.9018
soybean			0.9118	0.0093	0.9415	0.9031	0.0466
spam-detection			0.9470	0.0530	0.8527	0.7031	0.5043
spambase			0.8870	0.1130	0.8814	0.7627	0.4766
spect			0.8148	0.1852	0.7168	0.4304	0.7152
spectf			0.7714	0.2286	0.7200	0.4400	0.7559
spectrometer			0.3962	0.0252	0.1300	0.3576	0.1893
splice-EI			0.9685	0.0315	0.9586	0.9171	0.2344
splice-IE			0.9401	0.0599	0.9228	0.8421	0.3772
sport-articles			0.7800	0.2200	0.7702	0.5384	0.7083
squash-stored			0.4000	0.4000	0.4706	0.0625	0.4228
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8185	0.1210	0.7813	0.6968	0.3411
steel-b			0.8462	0.1538	0.7382	0.4100	0.5154
steel-d			0.9846	0.0154	0.8820	0.7613	0.4382
steel-k			0.9641	0.0359	0.9469	0.8929	0.2915
steel-o			0.7026	0.2974	0.6482	0.2231	0.6987
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.9590	0.0273	0.9533	0.9265	0.1349
stock			0.9236	0.0764	0.8774	0.7530	0.4792
stockb			0.9824	0.0117	0.9825	0.9736	0.0530
streaming			0.7800	0.2200	0.7793	0.5578	0.6999
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.5300	0.1880	0.3017	0.2407	0.5006
student-depression			0.8140	0.1860	0.8083	0.6032	0.5993
student-habits			0.3800	0.2480	0.1444	0.0067	0.4019
student-weekend			0.3846	0.2462	0.2778	0.0994	0.5740
student-workday			0.6875	0.1250	0.1630	-0.0191	0.3344

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
studentap			0.3846	0.4103	0.4016	0.0545	0.6686
susy1%			0.7344	0.2656	0.7507	0.4445	0.6173
susy10%			0.7536	0.2464	0.7611	0.4893	0.6540
tae			0.4667	0.3556	0.3784	0.2000	0.4597
telco-churn			0.8509	0.1491	0.8212	0.6381	0.6066
texture			0.8473	0.0278	0.8745	0.8318	0.1476
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.6149	0.1671	0.6222
thrombin			0.9791	0.0209	0.6769	0.3239	0.4864
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8661	0.1339	0.8379	0.6679	0.5745
tis10%			0.8358	0.1642	0.7789	0.5578	0.6595
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1250	0.2411	0.4146	0.1603
tox_171			0.4706	0.2647	0.4861	0.2714	0.4438
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.5882	0.4118	0.3704	-0.1121	0.8833
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7200	0.2800	0.4186	-0.0736	0.7975
trec11-wc			0.6829	0.0705	0.5587	0.6223	0.2165
trec12-wc			0.8387	0.0403	0.7888	0.8060	0.1163
trec21-wc			0.8788	0.0404	0.4489	0.7261	0.1728
trec23-wc			0.6667	0.1111	0.3794	0.4787	0.2903
trec31-wc			0.8925	0.0358	0.8562	0.8550	0.1562
trec41-wc			0.8068	0.0386	0.6541	0.7608	0.1630
trec45-wc			0.7681	0.0464	0.6949	0.7299	0.1986
tuandromd			0.9865	0.0135	0.9791	0.9582	0.1317
turkish			0.5500	0.2250	0.6068	0.4000	0.4722
tvnews1%			0.7846	0.2154	0.7853	0.5604	0.6741
tvnews10%			0.8489	0.1511	0.8402	0.6795	0.5788
ur3_cobotops_grip			0.9592	0.0408	0.5594	0.1004	0.5835
ur3_cobotops_stop			0.9578	0.0422	0.6224	0.2244	0.5729
urban			0.6418	0.0796	0.6790	0.5829	0.2891
urinalysis			0.9371	0.0629	0.4838	-0.0126	0.4999
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.5952	0.2024	0.6594	0.4769	0.3956
vehicleVAN			0.9167	0.0833	0.9084	0.8000	0.4011
voice			0.4167	0.5833	0.6164	0.0870	0.5131
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.3131	0.1249	0.3992	0.2444	0.4152
vowelZ			0.9394	0.0606	0.7996	0.5926	0.4960
vrnormat310k-hg16-17			0.9140	0.0860	0.6666	0.2787	0.5428
wap-wc			0.6795	0.0321	0.4952	0.6373	0.2019
warpar10p			0.5385	0.0923	0.3750	0.4834	0.1384
warppie10p			0.8095	0.0381	0.8615	0.7889	0.0815
watch-acc1%			0.6789	0.0917	0.7230	0.6250	0.2659
watch-acc10%			0.7074	0.0836	0.7461	0.6582	0.2628
watch-gyr1%			0.6550	0.0986	0.6995	0.5960	0.2871
watch-gyr10%			0.6776	0.0921	0.7118	0.6229	0.2904
water_pollution			0.2633	0.3683	0.2811	0.0046	0.4089
waveform			0.7340	0.1773	0.7385	0.6011	0.4996
weather-related			0.9615	0.0070	0.9666	0.9563	0.0427
web-phishing			0.8519	0.0988	0.7736	0.7376	0.4312
Weekly			0.9444	0.0556	0.9454	0.8884	0.2752
weight-lift			0.9804	0.0078	0.9793	0.9752	0.0500
white-clover			0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc			0.9650	0.0175	0.9659	0.9533	0.0626

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4906	0.1698	0.2287	0.1734	0.5016
winequality-white			0.4888	0.1461	0.2496	0.1733	0.4595
winnipeg10%			0.9708	0.0083	0.9643	0.9632	0.0719
wisc_bc			0.8246	0.1754	0.8221	0.6374	0.6120
yale			0.3750	0.0833	0.3672	0.3333	0.2412
yeast			0.4054	0.1189	0.3411	0.2431	0.3670
yeastCYT-POX			0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.8065	0.0387	0.8095	0.7831	0.2082

Table 187: Detailed results for RIPPER(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0000	0.0690	0.0000	0.0000	0.3644
abalone19		0.4187	0.5813	0.4281	-0.0061	0.0511
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.8331	0.1669	0.6666	0.1322	0.2332
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9726	0.0274	0.9413	0.8785	0.1617
adult		0.8247	0.1753	0.7352	0.4555	0.6632
advanced-iot		0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_MACCSFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878		0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330		0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128		0.8889	0.0741	0.4663	0.1398	0.1423
AID1284Morered		0.6111	0.3889	0.5782	0.1158	0.6230
AID1284red		0.3056	0.6944	0.3776	-0.1194	0.5703
AID1608Morered		0.5534	0.4466	0.5763	0.0677	0.3564
AID1608red		0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red		0.7664	0.2336	0.5274	0.0124	0.1468
AID373AID439red		0.5009	0.4991	0.6003	0.0003	0.0010
AID373red		0.5837	0.4163	0.5868	0.0020	0.0077
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.7143	0.2857	0.7407	0.3636	0.5000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.5673	0.4327	0.5835	0.0063	0.0257
AID604AID644_AllRed		0.9978	0.0022	0.6260	0.2343	0.4896
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.4000	0.6000	0.5275	0.0323	0.7317
AID687AID721red		0.4870	0.5130	0.5983	0.0011	0.0034
AID687red		0.7901	0.2099	0.4979	-0.0002	0.0375
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.5303	0.0526	0.7987
AID721red		0.2222	0.7778	0.1818	-0.4651	0.7939
AID746AID1284red		0.7306	0.2694	0.5157	0.0005	0.0115
AID746red		0.4323	0.5677	0.5657	0.0061	0.0340
aids		0.8779	0.1221	0.8252	0.6197	0.4336
air_pollution		0.3200	0.1943	0.0826	-0.0308	0.5970
air-booking		0.8510	0.1490	0.5871	0.0264	0.3836
airline		0.9199	0.0801	0.9218	0.8338	0.2875
alcohol		0.7143	0.1143	0.4551	0.4119	0.4070
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.7814	0.2186	0.7741	0.5422	0.6967
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9597	0.0202	0.9263	0.9228	0.0988
anuran-genus		0.9318	0.0170	0.8022	0.8886	0.2526
anuran-species		0.9528	0.0094	0.9201	0.9349	0.1282
anxiety		0.0750	0.2056	0.0446	-0.0405	0.6248
apple-quality		0.7000	0.3000	0.7302	0.4000	0.6538
aps-failure		0.9868	0.0132	0.8115	0.6229	0.4714
arabidopsis0.1%		0.5382	0.4618	0.5484	0.0077	0.0615
arabidopsis10%		0.9909	0.0091	0.5384	0.0411	0.4147
arcene		0.5500	0.4500	0.5856	0.1509	0.8702
arrhythmia		0.6222	0.0581	0.3335	0.3714	0.2579

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9902	0.0098	0.9780	0.9559	0.1334
audiology		0.0000	0.0833	0.0000	0.0000	0.3248
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.7500	0.0833	0.6351	0.6667	0.2232
avila		0.9866	0.0022	0.9869	0.9826	0.0364
babies		0.4355	0.1613	0.1672	0.1173	0.5019
balance		0.6935	0.2043	0.4915	0.4406	0.6246
bank		0.9017	0.0983	0.7067	0.3849	0.5781
banknote		0.9635	0.0365	0.9637	0.9265	0.2074
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8111	0.1889	0.7938	0.5539	0.5560
basehock		0.8794	0.1206	0.8801	0.7589	0.4824
bio		0.9949	0.0051	0.8521	0.7038	0.3975
bio10%		0.9938	0.0062	0.8188	0.6369	0.4389
biodeg		0.7524	0.2476	0.7299	0.4371	0.7100
biomed		0.8571	0.1429	0.8740	0.7175	0.4205
bitcoin1%		0.0130	0.0681	0.0093	0.0099	0.0502
bitcoin10%		0.3433	0.1194	0.1818	0.0233	0.1554
body-perf		0.5567	0.2216	0.5486	0.4090	0.5353
bookings		0.0101	0.6599	0.0067	0.0000	0.3560
brain-tumor		0.5015	0.4985	0.5004	0.0001	0.6527
breast-cancer		0.8929	0.1071	0.8749	0.7470	0.4988
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-tissue		0.5455	0.1515	0.5413	0.4500	0.2548
bridges		0.5000	0.1429	0.2571	0.2857	0.2405
bub10at310k-hg16-17		0.9120	0.0880	0.6499	0.2343	0.5345
bub12at310k-hg16-17		0.9116	0.0883	0.6464	0.2247	0.5320
bub8at310k-hg16-17		0.9104	0.0896	0.6610	0.2882	0.5924
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.7241	0.3333	0.5283
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9253	0.0374	0.8900	0.8458	0.2840
car-insurance		0.8470	0.1530	0.8190	0.6370	0.5977
card		0.8116	0.1884	0.8059	0.6115	0.6472
cardiotocography		0.7887	0.0423	0.7503	0.7451	0.2180
cardiotocography-nsp		0.8639	0.0908	0.7742	0.6656	0.4738
cardiovascular		0.7255	0.2745	0.7315	0.4510	0.7539
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5612	0.4432	0.5594
cas_N6512_cdk_ECFP2		0.6605	0.3395	0.6973	0.3431	0.7235
cas_N6512_rdkit_ATOMPAIR		0.6677	0.3323	0.6954	0.3533	0.7545
cas_N6512_RDkit_AtomPair_FP		0.6518	0.3482	0.6815	0.3237	0.7666
cas_N6512_rdkit_AVALON		0.6651	0.3349	0.6992	0.3510	0.7294
cas_N6512_RDkit_Avalon_FP		0.6350	0.3650	0.6938	0.3007	0.6517
cas_N6512_rdkit_descriptors		0.6246	0.3754	0.6778	0.2801	0.6947
cas_N6512_rdkit_FEATMORGAN		0.6221	0.3779	0.6855	0.2784	0.6491
cas_N6512_RDkit_Featmorgan_FP		0.5537	0.4463	0.6500	0.1588	0.5781
cas_N6512_RDkit_FP		0.6963	0.3037	0.7109	0.4029	0.7715
cas_N6512_rdkit_LAYERED		0.6862	0.3138	0.7064	0.3858	0.7614
cas_N6512_RDkit_Layered_FP		0.7071	0.2929	0.7161	0.4209	0.7789
cas_N6512_rdkit_MACCS		0.6882	0.3118	0.7109	0.3909	0.7478
cas_N6512_RDkit_MACCS_FP		0.6595	0.3405	0.7022	0.3427	0.6955
cas_N6512_rdkit_MORGAN		0.6369	0.3631	0.6853	0.3018	0.7009
cas_N6512_RDkit_morgan_FP		0.7362	0.2638	0.7502	0.4806	0.7132

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.6785	0.3215	0.7182	0.3778	0.6810
cas_N6512_RDkit_pattern_FP		0.7469	0.2531	0.7586	0.5007	0.7058
cas_N6512_rdkit_RDKITFP		0.7066	0.2934	0.7135	0.4187	0.7877
cas_N6512_rdkit_TORSION		0.6646	0.3354	0.7042	0.3515	0.7033
ccds1%		0.7115	0.2885	0.5790	0.0689	0.3027
cdc_diabetes		0.8465	0.1024	0.4167	0.1746	0.3302
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6632	0.3368	0.7127	0.3698	0.6937
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.6122	0.0986	0.3549
census10%		0.9452	0.0548	0.6911	0.3355	0.4949
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8691	0.0654	0.8351	0.8053	0.2431
chrom19		0.9644	0.0356	0.6591	0.0433	0.0682
chrom191%		0.9877	0.0123	0.7027	0.1582	0.2113
chrom1910%		0.9794	0.0206	0.6528	0.0722	0.1184
chrom211%		0.9984	0.0016	0.4996	-0.0008	0.5045
chrom2110%		0.9991	0.0009	0.4998	-0.0004	0.3128
chronic-kidney		0.8976	0.1024	0.5337	0.0587	0.6872
churn		0.6870	0.3130	0.6891	0.3235	0.6742
churn-bigml		0.9438	0.0562	0.8801	0.7510	0.3328
ci900367j_MACCS		0.6421	0.3579	0.6012	0.1961	0.8952
circles		0.9940	0.0001	0.9943	0.9939	0.0032
cirrhosis		0.5714	0.2857	0.4247	0.2544	0.6590
cjs		0.9893	0.0036	0.9894	0.9869	0.0157
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7463	0.1269	0.6224	0.6267	0.5022
climate		0.8704	0.1296	0.7266	0.4000	0.5840
cll_sub_111		0.2500	0.5000	0.3914	0.0690	0.4062
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5238	0.3175	0.5148	0.2418	0.6319
cnae-9		0.8333	0.0370	0.8521	0.8125	0.1341
codon_usage		0.7659	0.0426	0.6083	0.7149	0.3201
coil20		0.9028	0.0097	0.9055	0.8976	0.0507
college		0.9221	0.0779	0.9105	0.8146	0.4105
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6897	0.3103	0.6245	0.2209	0.8139
colposcopies-2		0.6897	0.3103	0.6650	0.3290	0.8459
colposcopies-3		0.6207	0.3793	0.5943	0.1212	0.7498
colposcopies-4		0.6897	0.3103	0.5233	0.0369	0.8563
colposcopies-5		0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6		0.6552	0.3448	0.7129	0.2927	0.5000
colposcopies-c		0.7241	0.2759	0.5383	0.0645	0.8394
column-2c		0.7097	0.2903	0.6679	0.1308	0.4416
column-3c		0.8065	0.1290	0.7766	0.6936	0.2502
connect-4		0.9594	0.0270	0.6746	0.4800	0.5032
cottonmeloidogyne		0.6707	0.3293	0.6733	0.3423	0.8453
coupon		0.6538	0.3462	0.6652	0.2269	0.6427
covtype10%		0.7067	0.0838	0.6240	0.5406	0.4248
covtypeCD		0.9617	0.0383	0.9281	0.8508	0.3756
covtypeT		0.9753	0.0247	0.8998	0.7965	0.2960
crabs		0.7000	0.1500	0.7140	0.6000	0.2630
creditcard_trans		0.9993	0.0007	0.8895	0.7786	0.3247
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crowdsourced		0.8535	0.0488	0.6999	0.7102	0.4176
cryotherapy		0.4444	0.5556	0.3077	0.0000	0.5302
cultivars		0.0312	0.0484	0.0125	0.0000	0.2986
customer-churn		0.9622	0.0378	0.6489	0.2843	0.5589
cybersecurity		0.1433	0.2856	0.0684	-0.0375	0.5831
cyclopentane		0.5185	0.4815	0.5605	0.0930	0.8514
cylinder-bands		0.6481	0.3519	0.6855	0.3294	0.7573
darwin		0.5556	0.4444	0.5623	0.1111	0.9123
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1000	0.1800	0.0704	0.0002	0.5235
dbworld		0.7143	0.2857	0.7407	0.3636	0.4644
default		0.8277	0.1723	0.7180	0.4077	0.6452
defect		0.8426	0.1574	0.6148	0.1424	0.5786
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8901	0.1099	0.6764	0.3217	0.6114
depressed		0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology		0.9189	0.0270	0.9095	0.8987	0.0860
desharnais		0.5000	0.3333	0.2424	0.0000	0.5790
dexter		0.7500	0.2500	0.7536	0.5000	0.7299
df_final		0.5000	0.3333	0.4878	0.2195	0.3466
DIA		0.7833	0.2167	0.6817	0.3500	0.7451
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9407	0.0593	0.7848	0.5560	0.4832
diabetes-risk		0.5464	0.4536	0.6768	0.2302	0.5190
diabetic1%		0.5784	0.2810	0.4589	0.1652	0.5855
diabetic10%		0.5442	0.3039	0.4027	0.0236	0.4307
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.8962	0.8397	0.1812
diamonds_all		0.6999	0.1201	0.6729	0.5727	0.3664
dishonest		0.9688	0.0312	0.9639	0.9252	0.1220
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5417	0.4583	0.5078	0.0149	0.9759
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.7934	0.2066	0.6159	0.0154	0.0377
dota2		0.4807	0.5193	0.5377	0.0127	0.6170
dota210%		0.4951	0.5049	0.5327	0.0328	0.7706
drebin		0.9741	0.0259	0.9721	0.9440	0.1582
dropout		0.7291	0.1806	0.6413	0.5505	0.5320
drug-01		0.3777	0.1778	0.2651	0.0111	0.5043
drug-02		0.3298	0.1915	0.2132	0.1215	0.5801
drug-03		0.6436	0.1018	0.1572	0.0448	0.4953
drug-04		0.2128	0.2249	0.1644	0.0082	0.5196
drug-05		0.7340	0.0760	0.1906	0.0247	0.2199
drug-06		0.2979	0.2006	0.3033	0.1653	0.5869
drug-07		0.3723	0.1793	0.1379	0.0115	0.2942
drug-08		0.5904	0.1170	0.2523	0.2122	0.4524
drug-09		0.8511	0.0426	0.1314	-0.0202	0.3280
drug-10		0.5266	0.1353	0.1246	0.0355	0.4438
drug-11		0.8191	0.0517	0.1290	-0.0103	0.4691
drug-12		0.7872	0.0608	0.2173	0.0297	0.2501
drug-13		0.6117	0.1109	0.1979	0.2503	0.5382
drug-14		0.5798	0.1201	0.2782	0.2774	0.5005
drug-15		0.7553	0.0699	0.1897	0.0931	0.3649
drug-16		0.5904	0.1170	0.2701	0.3222	0.4162
drug-17		0.2606	0.2112	0.2106	0.0721	0.6559
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7394	0.0745	0.1585	0.0587	0.4605

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drybean		0.8986	0.0290	0.9046	0.8773	0.1529
ecoli		0.8235	0.0441	0.4395	0.7515	0.1545
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8182	0.1818	0.8012	0.5769	0.6201
ecoliMU		0.6667	0.3333	0.6084	0.1418	0.5012
ecoliOM		0.8788	0.1212	0.6513	0.2747	0.5984
ecommerce		0.3300	0.3350	0.2906	0.0999	0.6667
eeg-eye		0.6515	0.3485	0.6699	0.2489	0.6654
eeg10%		0.2657	0.0918	0.3118	0.1940	0.6960
email_phishing		0.9868	0.0132	0.6149	0.0870	0.2463
eucalyptus		0.7123	0.1151	0.7278	0.6253	0.2736
euthyroid		0.9399	0.0601	0.8701	0.7205	0.5104
exon.vs.intron-freq10%		0.9115	0.0885	0.9113	0.8224	0.3972
fakenews		0.5025	0.4975	0.4547	-0.0049	0.5938
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5098	0.4902	0.4519	-0.0599	0.9113
financial-risk		0.7730	0.0757	0.5628	0.6451	0.3225
fishcatch		0.6250	0.1250	0.7261	0.5493	0.2223
flags		0.7000	0.0750	0.3866	0.6117	0.1851
forest		0.8654	0.0673	0.8634	0.8135	0.1608
gas		0.9712	0.0096	0.9702	0.9651	0.0651
gastrointestinal		0.4375	0.3750	0.4796	0.1910	0.6904
gender		0.6021	0.2653	0.4470	0.1292	0.5352
gene		0.9274	0.0484	0.9198	0.8827	0.2122
german		0.6800	0.3200	0.6118	0.1774	0.7827
gestures		0.7783	0.1109	0.7833	0.7043	0.3725
gina		0.8588	0.1412	0.8593	0.7171	0.5339
glass		0.6190	0.1270	0.3708	0.4783	0.2157
glass-g2		0.5625	0.4375	0.6880	0.2432	0.5307
glassBWFP		0.6190	0.3810	0.6169	0.2294	0.8883
glassBWNFP		0.7143	0.2857	0.7774	0.4706	0.5211
glassContainers		0.2273	0.7727	0.5636	0.0311	0.2468
glassNW		1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware		0.2273	0.7727	0.5595	0.0209	0.1436
glassVWFP		0.3333	0.6667	0.5859	0.0392	0.1686
GlaucomaM		0.8421	0.1579	0.8427	0.6816	0.5635
gli_85		0.2500	0.7500	0.3333	-0.2000	0.7988
glioma		0.2000	0.4000	0.1250	-0.1765	0.5237
glioma-grade		0.8690	0.1310	0.8743	0.7381	0.4830
green		0.3000	0.7000	0.3210	-0.2963	0.9183
grub-damage		0.4000	0.3000	0.3488	0.1916	0.4783
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
har		0.9465	0.0214	0.9431	0.9324	0.1215
har701%		0.8589	0.0403	0.5185	0.7884	0.2707
har7010%		0.8727	0.0364	0.5274	0.8055	0.2580
harth1%		0.8062	0.0323	0.4982	0.7363	0.2510
hayes-roth		0.8125	0.1250	0.8492	0.7055	0.2844
hcc-survival		0.6471	0.3529	0.6550	0.3014	0.8522
health-activity		0.7500	0.1250	0.2143	-0.0250	0.4606
heart		0.7037	0.2963	0.6928	0.3292	0.6996
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.6667	0.3333	0.6858	0.3056	0.7003
heart-failure		0.9600	0.0400	0.9534	0.9068	0.2430
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.6000	0.4000	0.6019	0.1667	0.7161
hepmass1%		0.7927	0.2073	0.8051	0.5843	0.5915
hERG-121inputs		0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs		0.4286	0.5714	0.4541	-0.0769	0.8750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hERG-9inputs		0.6154	0.3846	0.6137	0.1975	0.7604
higgs0.1%		0.5555	0.4445	0.6384	0.1522	0.6199
higgs1%		0.5761	0.4239	0.6405	0.1876	0.6852
higher		0.2857	0.1786	0.3489	0.1765	0.3093
hinselmann		0.4000	0.6000	0.4477	-0.0714	0.7225
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8617	0.1383	0.7350	0.4644	0.6517
hiva		0.8865	0.1135	0.5599	0.0959	0.4809
horse		0.6944	0.2037	0.6619	0.4351	0.3336
hotel-reservartions		0.8046	0.1954	0.7738	0.5464	0.6822
hr		0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor10%		0.9943	0.0038	0.9944	0.9914	0.0262
htru2		0.9737	0.0263	0.9193	0.8383	0.3013
hypothyroid		0.9443	0.0279	0.5652	0.7008	0.3516
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy		0.7778	0.2222	0.8000	0.5263	0.5283
instagram		0.9500	0.0250	0.9503	0.9333	0.0915
ionosphere		0.7714	0.2286	0.7667	0.5172	0.6909
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8154	0.1846	0.6345	0.2121	0.6615
jvowels		0.8424	0.0350	0.8358	0.8216	0.2140
kc1		0.8389	0.1611	0.5687	0.0669	0.5823
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.2857	0.0595	0.0238	0.0541	0.1756
kc1-class-level-top5percentDF		0.5333	0.4667	0.3478	-0.1290	0.3873
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kddcup981%		0.9158	0.0842	0.4780	-0.0411	0.6731
kddcup991%		0.9986	0.0002	0.8070	0.9976	0.0017
kepler		0.8734	0.0844	0.8333	0.7914	0.2325
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9500	0.0500	0.9479	0.8904	0.1808
krkopt		0.5430	0.0508	0.5760	0.4898	0.4284
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.1765	0.0412	0.0661	0.1454	0.2195
led24		0.6500	0.0700	0.6082	0.6078	0.1661
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8810	0.0092	0.8824	0.8762	0.1344
leukemia		0.2857	0.4762	0.2536	-0.0606	0.5863
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.3333	0.0889	0.3927	0.2830	0.2622
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0207
liver		0.4412	0.5588	0.5788	0.0901	0.6824
loan		0.9391	0.0609	0.9356	0.8675	0.2680
localization10%		0.5734	0.0776	0.3398	0.4624	0.5537
lrs		0.4340	0.1132	0.2838	0.2989	0.2610
lung		0.8095	0.0762	0.5707	0.5692	0.1559
lung_discrete		0.6250	0.1071	0.3429	0.5294	0.1526
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard2		0.5000	0.5000	0.5517	0.0690	0.6277
lung-cancer-michigan		0.2222	0.7778	0.5625	0.0308	0.2820
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.0714	0.4643	0.0333	0.0000	0.2997
lymphoma2		0.6667	0.0741	0.4023	0.5781	0.0575

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.5154	0.4846	0.5828	0.0308	0.5792
magic04		0.8285	0.1715	0.8085	0.5943	0.5512
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8646	0.1354	0.8653	0.7292	0.5220
marketing		0.6339	0.3661	0.6453	0.2134	0.5909
maternal		0.6535	0.2310	0.6580	0.4740	0.5574
math		0.8000	0.1000	0.7573	0.6932	0.2993
mba		0.6419	0.2387	0.4717	0.2921	0.2722
mental-disorders		0.6667	0.1667	0.6984	0.5556	0.2634
mental-health		0.2000	0.3200	0.1650	0.0023	0.5241
messidor		0.5043	0.4957	0.5641	0.0864	0.8002
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		0.7778	0.1481	0.7438	0.6471	0.2522
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.8650	0.0270	0.8710	0.8500	0.1451
mfeat-fou		0.6950	0.0610	0.7044	0.6611	0.2563
mfeat-kar		0.8650	0.0270	0.8757	0.8500	0.1424
mfeat-mor		0.6900	0.0620	0.6710	0.6556	0.2065
mfeat-pix		0.9300	0.0140	0.9322	0.9222	0.0848
mfeat-zer		0.6850	0.0630	0.6971	0.6500	0.2718
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9528	0.0314	0.9597	0.9277	0.1126
mines		0.4706	0.2118	0.4962	0.3441	0.3810
mobile		0.5839	0.0149	0.6008	0.5763	0.1782
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.6230	0.3770	0.3838	-0.0637	0.7809
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		0.9750	0.0250	0.9756	0.9500	0.1307
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4622	0.0978	0.4934	0.3422	0.5480
musk		0.9439	0.0561	0.8882	0.7737	0.3726
MUT_ci300400a_cdk_ECFP2		0.6103	0.3897	0.6802	0.2811	0.6822
MUT_ci300400a_cdk_ECFP4		0.6228	0.3772	0.6903	0.3021	0.6737
MUT_ci300400a_cdk_ECFP6		0.6946	0.3054	0.7289	0.4155	0.7024
MUT_ci300400a_cdk_ESTATE		0.6367	0.3633	0.6826	0.3152	0.7423
MUT_ci300400a_cdk_EXTENDED		0.7518	0.2482	0.7733	0.5170	0.6589
MUT_ci300400a_cdk_FCFP2		0.4838	0.5162	0.6261	0.0971	0.5470
MUT_ci300400a_cdk_FCFP4		0.6307	0.3693	0.6938	0.3139	0.6806
MUT_ci300400a_cdk_FCFP6		0.6199	0.3801	0.6819	0.2941	0.7013
MUT_ci300400a_cdk_MACCS		0.7206	0.2794	0.7541	0.4642	0.6609
MUT_ci300400a_cdk_PUBCHEM		0.7042	0.2958	0.7438	0.4366	0.6626
MUT_ci300400a_cdk_STANDARD		0.7461	0.2539	0.7545	0.4967	0.7217
MUT_ci300400a_rdkit_descriptors		0.6967	0.3033	0.7311	0.4187	0.6967
myocardial		0.8294	0.0426	0.3090	0.3140	0.5721
naticusdroid		0.9649	0.0351	0.9650	0.9298	0.2029
NCI60		0.3333	0.2222	0.2564	0.2000	0.2590
nci9		0.0000	0.2222	0.0000	-0.0588	0.2083
ncRNA1%		0.8900	0.0116	0.4031	0.6696	0.4365
neo		0.7900	0.2100	0.7345	0.3678	0.5280
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5520	0.4480	0.6030	0.1413	0.7591
NHANES_age_prediction		0.9780	0.0220	0.9624	0.9219	0.2562
nomao		0.9495	0.0505	0.9376	0.8750	0.2902
NPHA-doctor-visits		0.3194	0.4537	0.3436	0.0184	0.5429
nursery		0.9614	0.0154	0.7556	0.9436	0.0815

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
obesity		0.8436	0.0447	0.8451	0.8171	0.1858
obs		0.9907	0.0046	0.9935	0.9863	0.0279
occupancy		0.9849	0.0151	0.9788	0.9575	0.1332
Occupancy_Estimation		0.9882	0.0059	0.9644	0.9642	0.0744
oh0-wc		0.7129	0.0574	0.7125	0.6681	0.2541
oh10-wc		0.6286	0.0743	0.6430	0.5790	0.3234
oh15-wc		0.7283	0.0543	0.7025	0.6891	0.2441
oh5-wc		0.6703	0.0659	0.7092	0.6252	0.2447
olive		0.7895	0.0468	0.7793	0.7406	0.1939
opn310k		0.9137	0.0863	0.6644	0.2730	0.5421
opn310k10%		0.9171	0.0829	0.6890	0.3514	0.5787
opnat310k-hg16-17		0.9176	0.0824	0.6836	0.3070	0.5126
optdigits		0.9199	0.0160	0.9253	0.9110	0.1026
optdigitsZ		0.9964	0.0036	0.9890	0.9780	0.0762
ozone1hr		0.9526	0.0474	0.5650	0.1205	0.6130
ozone8hr		0.9051	0.0949	0.5563	0.0994	0.6712
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7887	0.2113	0.7673	0.5344	0.7070
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8095	0.1905	0.8113	0.6198	0.6379
page-blocks		0.9744	0.0102	0.8547	0.8546	0.1843
parkinson		0.9417	0.0583	0.9399	0.8797	0.3052
parkinsons		0.7346	0.2654	0.7277	0.4523	0.7709
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle10%		0.8362	0.1638	0.8268	0.6354	0.5885
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9279	0.0721	0.6277	0.1763	0.4947
pcmac		0.4227	0.5773	0.5219	0.0045	0.5868
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.6184	0.3816	0.7027	0.3095	0.5974
pendigits		0.9581	0.0084	0.9582	0.9535	0.0666
period		0.6667	0.3333	0.5950	0.1818	0.8798
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.7872	0.2128	0.7786	0.5554	0.6954
pet-adoption		0.9350	0.0650	0.9263	0.8477	0.2815
phishing		0.9184	0.0816	0.9140	0.8268	0.3725
PhiUSIIL		0.9998	0.0002	0.9998	0.9997	0.0024
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.7573	0.0693	0.7586	0.7166	0.2282
phone-acc1%		0.7786	0.0633	0.7861	0.7412	0.2087
phone-gyr0.1%		0.7997	0.0572	0.7980	0.7658	0.1973
phone-gyr1%		0.7959	0.0583	0.7960	0.7612	0.2024
phoneme		0.8148	0.1852	0.7595	0.5112	0.6671
phy		0.6390	0.3610	0.6758	0.2755	0.6939
pima		0.6447	0.3553	0.6708	0.3160	0.8011
pirvision		0.9935	0.0044	0.9888	0.9795	0.0592
placement		0.7780	0.2220	0.7720	0.5260	0.6605
plant-growth		0.5263	0.4737	0.3448	0.0000	0.5239
plrx		0.6667	0.3333	0.4000	-0.1020	0.8617
poker1%		0.5366	0.0927	0.1305	0.0970	0.2702
poker10%		0.5619	0.0876	0.2547	0.1937	0.2597
polish-1st		0.9644	0.0356	0.6934	0.3435	0.4691
polish-2nd		0.9577	0.0423	0.5433	0.0360	0.4216
polish-3rd		0.9524	0.0476	0.6251	0.1532	0.4201
polish-4th		0.9459	0.0541	0.6060	0.1173	0.4299
polish-5th		0.9171	0.0829	0.6966	0.3922	0.6371
polya		0.6216	0.3784	0.6598	0.2840	0.7840
popularity		0.5947	0.2702	0.4568	0.2493	0.5861
post-operative		0.3333	0.4444	0.1667	-0.5000	0.5000
postures		0.9770	0.0092	0.9767	0.9712	0.0570

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pred-tox_mutagen_ref-desc			0.5588	0.4412	0.5740	0.1176	0.8557
prestige			0.6667	0.2222	0.6655	0.4906	0.4321
primary-tumor			0.1818	0.0744	0.1157	0.0945	0.2906
processed			0.9615	0.0385	0.9559	0.9098	0.1858
profb			0.5373	0.4627	0.6403	0.2015	0.6856
promoters			0.7000	0.3000	0.7674	0.4444	0.5112
prostate			0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE			0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio			0.9805	0.0078	0.9656	0.9738	0.0555
puc-rio10%			0.9529	0.0188	0.9153	0.9368	0.1080
pufs-1281%			0.4988	0.5012	0.3841	-0.0020	0.5487
pufs-12810%			0.4998	0.5002	0.4992	-0.0003	0.6749
pufs-641%			0.5000	0.5000	0.4736	-0.0008	0.5498
pufs-6410%			0.5002	0.4998	0.4546	-0.0001	0.5304
pulsar			0.9800	0.0200	0.9387	0.8760	0.2128
raisin			0.8556	0.1444	0.8667	0.7111	0.4449
re0-wc			0.7000	0.0462	0.6464	0.6062	0.3319
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			0.9930	0.0070	0.9930	0.9858	0.0537
rice			0.9808	0.0192	0.9806	0.9611	0.1211
rocket			0.5414	0.4586	0.6659	0.1911	0.5485
RT_IOT2022			0.9963	0.0006	0.9741	0.9906	0.0072
satimage			0.8383	0.0539	0.8141	0.8003	0.2380
satimageF			0.9876	0.0124	0.9684	0.9367	0.1925
satimageT			0.7729	0.2271	0.7247	0.3475	0.5288
scadi			0.5714	0.1224	0.4511	0.4878	0.1158
schiller			0.3333	0.6667	0.5970	0.0690	0.4422
schizo			0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.9997	0.0003	0.9997	0.9993	0.0042
seeds			0.9048	0.0635	0.9107	0.8571	0.1674
segment			0.8961	0.0297	0.9046	0.8784	0.1192
segmentation			0.7574	0.2426	0.7239	0.4269	0.7161
segmentO			0.9870	0.0130	0.9745	0.9489	0.1700
seismic			0.9302	0.0698	0.5751	0.0819	0.4920
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-10-gram			0.8661	0.1339	0.5947	0.0793	0.4875
sens-2-gram			0.8605	0.1395	0.5435	0.0391	0.5724
sens-3-gram			0.8737	0.1263	0.6323	0.1412	0.4751
sens-4-gram			0.8737	0.1263	0.6323	0.1412	0.4751
sens-5-gram			0.8737	0.1263	0.6333	0.1180	0.4289
sens-6-gram			0.8763	0.1237	0.6468	0.1701	0.4692
sens-7-gram			0.8737	0.1263	0.6333	0.1180	0.4289
sens-8-gram			0.8658	0.1342	0.5694	0.0500	0.4928
sens-9-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sensorless			0.9800	0.0036	0.9800	0.9780	0.0318
sepsis			0.5629	0.4371	0.5847	0.0907	0.4398
shoppers			0.8889	0.1111	0.7615	0.5069	0.5676
shuttle			0.9971	0.0008	0.6758	0.9918	0.2017
sick			0.9523	0.0477	0.8001	0.5996	0.5178
sirtuin6			0.8000	0.2000	0.8000	0.6000	0.6644
skin			0.9658	0.0341	0.9475	0.8897	0.1270
skin10%			0.9730	0.0270	0.9585	0.9156	0.1632
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2600	0.3700	0.2242	0.0000	0.6662
smoking			0.6985	0.3015	0.7535	0.4380	0.6100

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
soil_pollution			0.2100	0.3160	0.2188	0.0102	0.6609
solar-flare			0.7626	0.0791	0.7053	0.6953	0.1837
sonar			0.5500	0.4500	0.5730	0.1000	0.8046
soybean			0.9559	0.0046	0.9608	0.9517	0.0303
spam-detection			0.9485	0.0515	0.8549	0.7081	0.4964
spambase			0.8848	0.1152	0.8826	0.7629	0.4802
spect			0.6667	0.3333	0.5452	0.0899	0.8578
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.0377	0.0401	0.0083	0.0294	0.3488
splice-EI			0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE			0.9274	0.0726	0.9076	0.8105	0.4206
sport-articles			0.7500	0.2500	0.7490	0.4894	0.7332
squash-stored			0.4000	0.4000	0.3333	0.1176	0.2755
squash-unstored			0.2000	0.5333	0.1111	-0.1765	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8065	0.1290	0.7557	0.6771	0.3574
steel-b			0.8205	0.1795	0.6837	0.2521	0.5104
steel-d			0.9897	0.0103	0.9140	0.8280	0.3214
steel-k			0.9538	0.0462	0.9299	0.8598	0.3292
steel-o			0.7385	0.2615	0.6971	0.3409	0.6823
steel-p			0.8205	0.1795	0.7452	0.3855	0.5147
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9590	0.0410	0.9028	0.7955	0.4463
stellar			0.9586	0.0276	0.9523	0.9257	0.1312
stock			0.9236	0.0764	0.8823	0.7599	0.4790
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.7520	0.2480	0.7730	0.5157	0.6547
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6050	0.1580	0.3311	0.3516	0.5152
student-depression			0.8168	0.1832	0.8097	0.6146	0.6221
student-habits			0.2100	0.3160	0.2263	-0.0029	0.6241
student-weekend			0.4000	0.2400	0.3639	0.1253	0.6311
student-workday			0.7031	0.1187	0.2534	0.2129	0.4835
studentap			0.3846	0.4103	0.4016	0.0545	0.6686
susy1%			0.7496	0.2504	0.7537	0.4827	0.6859
tae			0.2667	0.4889	0.2139	-0.1000	0.6803
telco-churn			0.8338	0.1662	0.8117	0.6118	0.6203
texture			0.9055	0.0172	0.9110	0.8958	0.1190
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9895	0.0105	0.9884	0.9766	0.0927
tis			0.7966	0.2034	0.7888	0.5444	0.6280
tis10%			0.8582	0.1418	0.8198	0.6366	0.6046
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.1667	0.2786	0.2381	0.1674
tox_171			0.6471	0.1765	0.6808	0.5234	0.3215
toxicity			0.6471	0.3529	0.5597	0.0893	0.8324
toxicity-13f			0.5882	0.4118	0.3704	-0.1121	0.8833
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.8049	0.0434	0.7302	0.7660	0.1778
trec12-wc			0.7097	0.0726	0.6718	0.6521	0.2382
trec21-wc			0.8788	0.0485	0.5386	0.7261	0.1913
trec23-wc			0.6190	0.1270	0.5166	0.4766	0.3459
tuandromd			0.9821	0.0179	0.9720	0.9439	0.1494
turkish			0.6500	0.1750	0.6450	0.5333	0.3945
tvnews1%			0.7846	0.2154	0.7820	0.5567	0.6840

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews10%			0.8204	0.1796	0.8212	0.6319	0.6090
ur3_cobotops_grip			0.9619	0.0381	0.5714	0.1105	0.5451
ur3_cobotops_stop			0.9619	0.0381	0.7010	0.3973	0.5634
urban			0.7612	0.0531	0.7865	0.7203	0.2130
urinalysis			0.9371	0.0629	0.5952	0.1561	0.5820
ustilago1%			0.4055	0.5945	0.5887	0.0128	0.0452
vehicle			0.7976	0.1012	0.7937	0.7211	0.2697
vehicleVAN			0.9167	0.0833	0.8956	0.7879	0.4488
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowel			0.3939	0.1102	0.4447	0.3333	0.3824
vowelZ			0.8788	0.1212	0.6333	0.2667	0.6919
warpar10p			0.2308	0.1538	0.1538	0.1503	0.2493
warppie10p			0.4762	0.1048	0.4564	0.4137	0.2432
watch-acc1%			0.7989	0.0574	0.8024	0.7648	0.2187
watch-gyr1%			0.7742	0.0645	0.7872	0.7363	0.2285
water_pollution			0.2500	0.3750	0.2580	0.0083	0.4827
waveform			0.7120	0.1920	0.7128	0.5683	0.5383
weather-related			0.9712	0.0052	0.9699	0.9673	0.0390
web-phishing			0.8296	0.1136	0.6392	0.6901	0.3953
Weekly			0.9444	0.0556	0.9454	0.8884	0.2752
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9500	0.0250	0.9505	0.9333	0.0998
wilt			0.9627	0.0373	0.8723	0.7089	0.5112
wine			0.9412	0.0392	0.9167	0.8970	0.0826
winequality-red			0.6164	0.1279	0.2912	0.3710	0.4217
winequality-white			0.4622	0.1537	0.2306	0.0989	0.5337
wisc_bc			0.8947	0.1053	0.8902	0.7782	0.4610
yale			0.3125	0.0917	0.2568	0.2636	0.2130
yeast			0.4797	0.1041	0.3875	0.3469	0.2987
yeastCYT-POX			0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC			0.8446	0.1554	0.5980	0.1070	0.3346
yeastME1			0.9662	0.0338	0.8325	0.6004	0.5302
yeastME2			0.8986	0.1014	0.6310	0.2376	0.5774
zip			0.8763	0.0247	0.8668	0.8616	0.1761

Table 188: Detailed results for RIPPER(R)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1422	0.0817	0.0915	0.0342	0.4032
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9828	0.0172	0.6705	0.2790	0.4137
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9726	0.0274	0.9413	0.8785	0.1617
adult		0.8456	0.1544	0.7705	0.5299	0.6170
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.5723	0.0987	0.6905
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9836	0.0164	0.4959	-0.0040	0.4515
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.4000	0.6000	0.3434	-0.3043	0.9574
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.9108	0.0892	0.8743	0.7397	0.3967
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7905	0.0838	0.6782	0.5131	0.3664
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.9535	0.0465	0.9489	0.8970	0.2464
anneal		0.9663	0.0135	0.9206	0.9318	0.2177
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9736	0.0132	0.9199	0.9497	0.1153
anuran-genus		0.9318	0.0170	0.8231	0.8872	0.2328
anuran-species		0.9569	0.0086	0.9160	0.9399	0.0936
anxiety		0.1167	0.1963	0.0232	-0.0094	0.4446
apple-quality		0.8300	0.1700	0.8313	0.6600	0.5950
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.7556	0.0489	0.5835	0.6081	0.1948
auction		0.9951	0.0049	0.9889	0.9776	0.0238

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		1.0000	0.0000	1.0000	1.0000	0.0000
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8000	0.0800	0.7986	0.7377	0.1981
avila		0.9933	0.0011	0.9933	0.9913	0.0192
babies		0.4597	0.1544	0.2007	0.1439	0.3562
balance		0.8871	0.0753	0.6111	0.7875	0.2104
bank		0.9085	0.0915	0.7539	0.5044	0.5951
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8525	0.1475	0.8377	0.6669	0.5357
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9938	0.0062	0.8321	0.6636	0.4637
biodeg		0.8571	0.1429	0.8470	0.6927	0.5498
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.6530	0.1735	0.6649	0.5373	0.4677
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8929	0.1071	0.8694	0.7042	0.2680
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.7059	0.7755	0.0848
bridges		0.7000	0.1000	0.4667	0.4828	0.1799
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9368	0.0316	0.9138	0.8707	0.2193
car-insurance		0.8520	0.1480	0.8273	0.6547	0.5907
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.8122	0.0376	0.7771	0.7729	0.2064
cardiotocography-nsp		0.9108	0.0595	0.8433	0.7592	0.3723
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0098
cars		0.7750	0.1500	0.6529	0.5631	0.3654
cas_N6512_cdk_ECFP2		0.6943	0.3057	0.6927	0.3853	0.8292
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7308	0.2692	0.7288	0.4574	0.7801
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.7542	0.2458	0.7520	0.5032	0.7431
cas_N6512_RDkit_MACCS_FP		0.7715	0.2285	0.7709	0.5414	0.7153
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.7086	0.2914	0.7059	0.4112	0.8102
cas_N6512_rdkit_PATTERN		0.7369	0.2631	0.7386	0.4748	0.7630
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.7189	0.2811	0.7165	0.4323	0.7961
cas_N6512_rdkit_TORSION		0.6862	0.3138	0.6836	0.3671	0.8397
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7461	0.2539	0.7248	0.4492	0.7713
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.5710	0.0478	0.3619
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9982	0.0018	0.8232	0.5707	0.5239
chrom1910%		0.9992	0.0008	0.8343	0.6663	0.4707
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.8976	0.1024	0.6325	0.2647	0.6753
churn		0.8520	0.1480	0.7466	0.4732	0.6120
churn-bigml		0.9588	0.0412	0.9142	0.8256	0.2907
ci900367j_MACCS		0.6316	0.3684	0.5836	0.1580	0.9004
circles		0.9730	0.0005	0.9758	0.9727	0.0130
cirrhosis		0.7381	0.1746	0.5013	0.4901	0.5012
cjs		0.9964	0.0012	0.9962	0.9956	0.0059
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7454	0.1273	0.5238	0.5916	0.4225
climate		0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5646	0.2902	0.5463	0.3012	0.6429
cnae-9		0.8981	0.0226	0.9003	0.8854	0.1113
codon_usage		0.8396	0.0292	0.6585	0.8047	0.3012
coil20		0.8472	0.0153	0.8556	0.8392	0.0953
college		0.9221	0.0779	0.9055	0.8092	0.4196
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6897	0.3103	0.6650	0.3290	0.8399
colposcopies-2		0.5862	0.4138	0.5288	0.0543	0.9466
colposcopies-3		0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4		0.7931	0.2069	0.7237	0.4387	0.7155
colposcopies-5		0.7931	0.2069	0.6919	0.3741	0.7250
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7586	0.2414	0.5904	0.1288	0.7232
column-2c		0.8387	0.1613	0.8362	0.6578	0.5744
column-3c		0.7097	0.1935	0.6100	0.5311	0.3148
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7067	0.2933	0.7093	0.4142	0.8005
coupon		0.7185	0.2815	0.7101	0.4178	0.7968
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9806	0.0194	0.9588	0.9175	0.2066

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9986	0.0014	0.8387	0.6660	0.5022
crowdsourced		0.9143	0.0286	0.8213	0.8173	0.2157
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.3125	0.0430	0.2660	0.2903	0.1884
customer-churn		0.9834	0.0166	0.7471	0.4570	0.3872
cybersecurity		0.1800	0.2733	0.1007	0.0042	0.4113
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7222	0.2778	0.7145	0.4288	0.7957
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.6154	0.3846	0.3810	-0.1404	0.4667
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8270	0.1730	0.7155	0.3977	0.6375
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8985	0.1015	0.7405	0.4792	0.6235
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9189	0.0270	0.9242	0.8993	0.1006
desharnais		0.6250	0.2500	0.5032	0.3143	0.4486
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6250	0.2500	0.5263	0.4000	0.3199
DIA		0.7333	0.2667	0.6286	0.2558	0.8281
diabetes		0.8846	0.1154	0.8781	0.7562	0.4872
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5882	0.2745	0.3945	0.1502	0.4567
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5680	0.4320	0.5631	0.1232	0.9481
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7246	0.1836	0.6492	0.5302	0.5043
drug-01		0.3777	0.1778	0.1117	-0.0181	0.3923
drug-02		0.5106	0.1398	0.1904	0.0280	0.4385
drug-03		0.6543	0.1152	0.1794	0.0652	0.4225
drug-04		0.5160	0.1383	0.1247	0.0128	0.4741
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3351	0.1900	0.1628	0.1274	0.4675
drug-07		0.4202	0.1933	0.0990	-0.0167	0.3100
drug-08		0.5691	0.1231	0.1646	0.0826	0.3748
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5372	0.1322	0.1002	-0.0018	0.3191
drug-11		0.8351	0.0471	0.1300	-0.0175	0.3869
drug-12		0.7819	0.0727	0.1467	0.0061	0.3471
drug-13		0.5851	0.1185	0.1466	0.0561	0.3437
drug-14		0.6011	0.1140	0.2090	0.1440	0.3123

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.7553	0.0699	0.1229	-0.0064	0.2606
drug-16		0.5585	0.1472	0.2959	0.1848	0.4672
drug-17		0.3777	0.1778	0.1667	0.1046	0.4547
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1641	0.0459	0.2148
drybean		0.9206	0.0227	0.9328	0.9041	0.1282
ecoli		0.7353	0.0882	0.5220	0.6170	0.2396
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2900	0.3550	0.2454	0.0412	0.4160
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.8398	0.1602	0.8377	0.6743	0.5807
eeg10%		0.2707	0.0912	0.2846	0.1750	0.5654
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5890	0.1644	0.5913	0.4655	0.4283
euthyroid		0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5225	0.4775	0.5227	0.0453	0.9862
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5294	0.4706	0.5063	0.0113	0.9634
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.7500	0.0833	0.6724	0.6832	0.1494
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8462	0.0769	0.8454	0.7864	0.1749
gas		0.9734	0.0089	0.9717	0.9677	0.0623
gastrointestinal		0.5625	0.2917	0.4631	0.2680	0.5752
gender		0.6105	0.2596	0.4602	0.1900	0.5526
gene		0.9274	0.0484	0.9252	0.8853	0.2175
german		0.6900	0.3100	0.6280	0.1969	0.7441
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9135	0.0865	0.9135	0.8270	0.3914
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6190	0.1270	0.6261	0.4783	0.3520
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7548	0.5070	0.7331
glassBWNFP		0.6667	0.3333	0.6687	0.3226	0.8108
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.5333	0.2333	0.5312	0.3636	0.4900
gsalc		0.6667	0.1111	0.6525	0.6029	0.1534
haberman		0.6667	0.3333	0.5739	0.1477	0.8809
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8942	0.0302	0.5270	0.8435	0.1299

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7600	0.1200	0.2688	0.0358	0.3239
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.7742	0.2258	0.7741	0.5470	0.7087
heart-c		0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure		0.9760	0.0240	0.9720	0.9437	0.1466
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%		0.6827	0.3173	0.6813	0.3625	0.8435
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0469	0.0065	0.3503
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8550	0.1450	0.7257	0.4478	0.6717
hiva		0.9551	0.0449	0.5462	0.0765	0.5927
horse		0.6944	0.2037	0.6772	0.4477	0.4394
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9749	0.0251	0.9228	0.8451	0.2913
hypothyroid		0.9973	0.0013	0.7496	0.9840	0.0048
hypothyroidT		0.9973	0.0027	0.9906	0.9810	0.0136
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
instagram		0.9747	0.0127	0.9753	0.9662	0.0514
ionosphere		0.8571	0.1429	0.8309	0.6602	0.5698
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8163	0.1837	0.6289	0.1529	0.5669
jvowels		0.9016	0.0219	0.9011	0.8883	0.1464
kc1		0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.6923	0.1231	0.2833	0.3158	0.2941
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.9986	0.0002	0.8317	0.9976	0.0019
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.7515	0.0276	0.7912	0.7206	0.2392
krvskp		0.9937	0.0063	0.9937	0.9874	0.0522
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5882	0.0358	0.5888	0.5665	0.1230
led24		0.6000	0.0889	0.6256	0.5455	0.2150
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.8665	0.0103	0.8726	0.8611	0.1428
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.5833	0.0556	0.5429	0.5515	0.1800
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.9883	0.0117	0.9875	0.9750	0.0789
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.5267	0.0861	0.3068	0.3465	0.3973
lrs		0.7925	0.0593	0.4951	0.7142	0.1897
lung		0.8571	0.0571	0.7309	0.6786	0.1099
lung_discrete		0.7500	0.1000	0.8000	0.6800	0.1667
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		0.7778	0.0741	0.7238	0.7143	0.1237
machine-failure		0.9255	0.0745	0.9272	0.8494	0.3379
madelon		0.7885	0.2115	0.7885	0.5769	0.6855
magic04		0.8459	0.1541	0.8274	0.6439	0.5477
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8348	0.1652	0.6502	0.2986	0.7345
maternal		0.7129	0.1914	0.7210	0.5619	0.4958
math		0.8500	0.0750	0.8115	0.7665	0.2296
mba		0.8371	0.1086	0.4011	0.1289	0.3321
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2067	0.3173	0.1199	-0.0001	0.4519
messidor		0.6522	0.3478	0.6420	0.2824	0.8798
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.7875	0.7702	0.2056
meter-D		0.8333	0.0833	0.8282	0.7652	0.2014
mfeat-fac		0.8950	0.0210	0.8974	0.8833	0.1177
mfeat-fou		0.6550	0.0690	0.6724	0.6167	0.3010
mfeat-kar		0.8150	0.0370	0.8198	0.7944	0.2100
mfeat-mor		0.6900	0.0620	0.7098	0.6556	0.2137
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.6900	0.0620	0.7097	0.6556	0.2362
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9906	0.0063	0.9918	0.9855	0.0283
mines		0.4706	0.2118	0.4231	0.3304	0.4079
mobile		0.6573	0.0122	0.7029	0.6511	0.1626
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8033	0.1967	0.7904	0.4959	0.3833
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4633	0.0976	0.4722	0.3309	0.4974
musk		0.9576	0.0424	0.9156	0.8280	0.2823

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7422	0.2578	0.7310	0.4513	0.7450
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.7734	0.2266	0.7644	0.5253	0.7102
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.7707	0.2293	0.7650	0.5299	0.7214
myocardial		0.8824	0.0294	0.3734	0.4164	0.2111
naticusdroid		0.9666	0.0334	0.9666	0.9332	0.1972
NCI60		0.6667	0.1111	0.5714	0.6000	0.1060
nci9		0.6667	0.1111	0.6222	0.6000	0.1039
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.9007	0.0105	0.4192	0.7094	0.4380
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6516	0.3484	0.6493	0.2982	0.8790
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5000	0.3333	0.2222	-0.0443	0.5028
nursery		0.9877	0.0062	0.9714	0.9819	0.0605
obesity		0.9668	0.0095	0.9656	0.9612	0.0470
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9898	0.0102	0.9860	0.9717	0.1196
Occupancy_Estimation		0.9921	0.0039	0.9728	0.9758	0.0171
oh0-wc		0.8119	0.0376	0.8462	0.7844	0.1717
oh10-wc		0.6476	0.0705	0.7126	0.5951	0.2831
oh15-wc		0.7609	0.0478	0.7960	0.7260	0.2265
oh5-wc		0.6923	0.0615	0.7392	0.6489	0.2630
olive		0.8421	0.0351	0.8008	0.8017	0.1366
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9133	0.0867	0.6732	0.3216	0.5989
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9004	0.0199	0.9014	0.8892	0.1365
optdigitsZ		0.9964	0.0036	0.9890	0.9780	0.0762
orl		0.5750	0.0213	0.5373	0.5641	0.0825
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr		0.9012	0.0988	0.6173	0.2331	0.6756
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7680	0.2320	0.7282	0.4357	0.7040
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8254	0.1746	0.8272	0.6515	0.6053
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9744	0.0102	0.8848	0.8656	0.3636
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.9194	0.0806	0.9148	0.8242	0.3332
parkinsons-small		0.8421	0.1579	0.8114	0.6175	0.6233
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.9123	0.0877	0.8914	0.7829	0.4408
pasture		0.5000	0.3333	0.2222	0.0000	0.3770
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8684	0.1316	0.8152	0.6226	0.5508
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.9545	0.0091	0.9540	0.9494	0.0725
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9450	0.0550	0.9376	0.8722	0.2569
phishing			0.9429	0.0571	0.9419	0.8819	0.2984
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.7764	0.0639	0.7648	0.7379	0.2210
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.8227	0.0507	0.8186	0.7923	0.2135
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8667	0.1333	0.8334	0.6664	0.5651
phy			0.6994	0.3006	0.6996	0.3986	0.8205
pima			0.7105	0.2895	0.6871	0.3569	0.7863
pirvision			0.9954	0.0030	0.9922	0.9856	0.0499
placement			0.7880	0.2120	0.7809	0.5608	0.6900
plant-growth			0.7368	0.2632	0.7531	0.4809	0.6961
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5200	0.1371	0.1493	0.0805	0.3109
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9673	0.0327	0.7144	0.2932	0.2484
polish-2nd			0.9685	0.0315	0.7376	0.3732	0.2723
polish-3rd			0.9505	0.0495	0.5883	0.0915	0.4301
polish-4th			0.9612	0.0388	0.7666	0.4827	0.3605
polish-5th			0.9526	0.0474	0.7905	0.5642	0.4457
polya			0.7514	0.2486	0.7218	0.4402	0.7623
popularity			0.6658	0.2228	0.4182	0.2301	0.4687
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6471	0.3529	0.6473	0.2941	0.8819
prestige			0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor			0.4242	0.0886	0.3362	0.3308	0.2600
processed			0.3221	0.6779	0.2436	0.0000	0.4941
profb			0.6866	0.3134	0.6177	0.2265	0.8575
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9590	0.0164	0.9273	0.9449	0.1065
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5012	0.4988	0.5013	0.0025	0.9991
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9792	0.0208	0.9358	0.8694	0.2024
raisin			0.8667	0.1333	0.8670	0.7333	0.5178
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.7733	0.0349	0.7114	0.7025	0.3655
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9852	0.0148	0.9851	0.9700	0.0985
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rocket			0.6270	0.3730	0.6124	0.2247	0.9078
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8880	0.0373	0.8741	0.8618	0.1955
satimageF			0.9860	0.0140	0.9654	0.9301	0.2271
satimageT			0.9316	0.0684	0.7853	0.5497	0.4688
scadi			0.7143	0.1143	0.6600	0.6316	0.1509
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.5865	0.1280	0.5676
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9351	0.0186	0.9385	0.9241	0.0976
segmentation			0.8069	0.1931	0.7932	0.5856	0.6679
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8605	0.1395	0.4625	-0.0151	0.5048
sens-2-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8970	0.1030	0.7916	0.5805	0.5735
shuttle			0.9998	0.0000	0.9877	0.9995	0.0050
sick			0.9841	0.0159	0.9357	0.8715	0.2771
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9971	0.0029	0.9957	0.9913	0.0394
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.6978	0.1007	0.5675	0.6073	0.2529
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.9412	0.0062	0.9465	0.9354	0.0296
spam-detection			0.9540	0.0460	0.8826	0.7567	0.4780
spambase			0.9304	0.0696	0.9270	0.8537	0.3389
spect			0.8519	0.1481	0.7657	0.5135	0.5964
spectf			0.7714	0.2286	0.7200	0.4400	0.7559
spectrometer			0.3654	0.0470	0.2724	0.3152	0.2497
splice-EI			0.9590	0.0410	0.9471	0.8935	0.2875
splice-IE			0.9211	0.0789	0.8904	0.7807	0.4326
sport-articles			0.8000	0.2000	0.7881	0.5757	0.6783
squash-stored			0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored			0.6000	0.4000	0.7059	0.2857	0.5283
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8924	0.0717	0.8677	0.8241	0.2510
steel-b			0.8462	0.1538	0.7643	0.5283	0.6608
steel-d			0.9897	0.0103	0.9140	0.8280	0.3214
steel-k			0.9744	0.0256	0.9611	0.9221	0.2232
steel-o			0.7949	0.2051	0.7691	0.5357	0.6909
steel-p			0.9231	0.0769	0.7226	0.4417	0.6031
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9334	0.8638	0.3518
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9722	0.0278	0.9531	0.9061	0.2391

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.6000	0.1600	0.3427	0.3613	0.4824
student-depression			0.8240	0.1760	0.8173	0.6327	0.6172
student-habits			0.3700	0.2520	0.1569	-0.0125	0.4299
student-weekend			0.3385	0.2646	0.1023	-0.0414	0.4889
student-workday			0.7031	0.1187	0.2626	0.0850	0.3350
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.3333	0.4444	0.2535	0.0000	0.6261
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9345	0.0119	0.9362	0.9278	0.0787
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9579	0.0421	0.9529	0.9058	0.2511
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8731	0.1269	0.8199	0.6320	0.5384
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7728	0.6837	0.2356
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.5547	0.1085	0.8742
trec12-wc			0.6774	0.0806	0.7468	0.6178	0.2507
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9776	0.0224	0.9650	0.9298	0.1810
turkish			0.6250	0.1875	0.6164	0.5000	0.4377
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8462	0.1538	0.8365	0.6725	0.5858
tvnews10%			0.8813	0.1187	0.8723	0.7447	0.5003
ur3_cobotops_grip			0.9769	0.0231	0.7866	0.5529	0.3986
ur3_cobotops_stop			0.9687	0.0313	0.7435	0.4734	0.4903
urban			0.8507	0.0332	0.8473	0.8258	0.1330
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7381	0.1310	0.6882	0.6450	0.3050
vehicleVAN			0.9405	0.0595	0.9260	0.8485	0.3668
voice			0.7500	0.2500	0.7044	0.4000	0.7643
vote			0.9535	0.0465	0.9535	0.9069	0.2525
vowel			0.3939	0.1102	0.4497	0.3333	0.3264
vowelZ			0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.4615	0.1077	0.3077	0.3974	0.1671
warppie10p			0.6667	0.0667	0.6443	0.6297	0.1405
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
water_pollution			0.2633	0.3683	0.1780	0.0048	0.4460
waveform			0.8020	0.1320	0.8018	0.7030	0.4269
weather-related			0.9750	0.0045	0.9762	0.9717	0.0342
web-phishing			0.8815	0.0790	0.8488	0.7895	0.3577
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9800	0.0100	0.9805	0.9733	0.0412
wilt			0.9834	0.0166	0.9160	0.8313	0.3592
wine			0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red			0.5786	0.1405	0.2807	0.3118	0.4024
winequality-white			0.5153	0.1616	0.2717	0.2084	0.6234
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.3750	0.0833	0.3232	0.3305	0.1612
yeast			0.5676	0.0961	0.4437	0.4434	0.4203
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9527	0.0473	0.6808	0.3410	0.5673
yeastME1			0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2			0.9324	0.0676	0.4825	-0.0292	0.6521
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 189: Detailed results for RIPPER(W)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1271	0.0602	0.0313	0.0170	0.3475
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9828	0.0172	0.6537	0.1979	0.3296
accident		0.6000	0.4000	0.6094	0.2000	0.8750
ads		0.9695	0.0305	0.9346	0.8663	0.2126
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8381	0.1619	0.6664	0.2112	0.5002
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9836	0.0164	0.4959	-0.0040	0.4515
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.5500	0.4500	0.4369	-0.1250	0.9680
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8732	0.1268	0.8189	0.6300	0.5402
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
alcohol		0.7905	0.0838	0.5497	0.4921	0.3229
all-aml		0.8333	0.1667	0.8537	0.6667	0.4644
alzheimers		0.9442	0.0558	0.9387	0.8757	0.2730
anneal		0.9663	0.0135	0.9674	0.9317	0.1118
antivirus		0.9730	0.0270	0.9599	0.9165	0.2605
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9847	0.0076	0.9478	0.9707	0.0344
anuran-genus		0.9513	0.0122	0.8589	0.9197	0.1649
anuran-species		0.9514	0.0097	0.9032	0.9320	0.0933
anxiety		0.1167	0.1963	0.0243	0.0000	0.4346
apple-quality		0.8150	0.1850	0.8151	0.6300	0.6344
arabidopsis0.1%		0.9794	0.0206	0.4948	-0.0102	0.4962
arcene		0.6000	0.4000	0.5833	0.1667	0.9308
arrhythmia		0.8222	0.0356	0.7282	0.7250	0.1547
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.8696	0.0109	0.3606	0.8470	0.0397
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9500	0.0200	0.9344	0.9338	0.0380
avila		0.9928	0.0012	0.9886	0.9907	0.0189
babies		0.4113	0.1682	0.1881	0.0636	0.3963
balance		0.8387	0.1075	0.5830	0.6984	0.2393
bank		0.9119	0.0881	0.7802	0.5604	0.5929
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
barleyblumeria		0.8502	0.1498	0.8357	0.6582	0.5227
basehock		0.9246	0.0754	0.9257	0.8493	0.3423
bio		0.9962	0.0038	0.8859	0.7704	0.3148
bio10%		0.9938	0.0062	0.8455	0.6866	0.4806
biodeg		0.8762	0.1238	0.8682	0.7284	0.4649
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9884	0.0011	0.1635	0.3885	0.2092
bitcoin1%		0.9883	0.0008	0.1190	0.3438	0.1022
bitcoin10%		0.9881	0.0022	0.3103	0.3703	0.2901
body-perf		0.6022	0.1989	0.6168	0.4697	0.5137
brain-tumor		0.5045	0.4955	0.5045	0.0089	0.9974
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue		0.6364	0.1212	0.5500	0.5600	0.1755
bridges		0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17		0.9126	0.0874	0.6697	0.3028	0.5781
bub12at310k-hg16-17		0.9146	0.0854	0.6700	0.2863	0.5409
bub8at310k-hg16-17		0.9118	0.0882	0.6989	0.3897	0.6195
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4970	0.3353	0.3524	0.0109	0.3914
car		0.9310	0.0345	0.8710	0.8584	0.2442
car-insurance		0.8640	0.1360	0.8422	0.6843	0.5628
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.8357	0.0329	0.7936	0.8020	0.1856
cardiotocography-nsp		0.9343	0.0438	0.8830	0.8195	0.3008
cardiovascular		0.7281	0.2719	0.7282	0.4563	0.7825
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0098
cars		0.7500	0.1667	0.6295	0.5439	0.5012
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.6933	0.3067	0.6914	0.3829	0.8307
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.7561	0.2439	0.7560	0.5113	0.7391
cas_N6512_rdkit_descriptors		0.7185	0.2815	0.7165	0.4329	0.7976
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.7071	0.2929	0.7042	0.4071	0.8111
cas_N6512_rdkit_LAYERED		0.7523	0.2477	0.7518	0.5032	0.7460
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.7650	0.2350	0.7630	0.5235	0.7212
cas_N6512_RDkit_MACCS_FP		0.7689	0.2311	0.7677	0.5354	0.7206
cas_N6512_rdkit_MORGAN		0.7508	0.2492	0.7486	0.4964	0.7485
cas_N6512_RDkit_morgan_FP		0.7331	0.2669	0.7307	0.4600	0.7743
cas_N6512_rdkit_PATTERN		0.7523	0.2477	0.7501	0.4994	0.7459
cas_N6512_rdkit_RDKITFP		0.7373	0.2627	0.7376	0.4742	0.7668
cas_N6512_rdkit_TORSION		0.6877	0.3123	0.6895	0.3769	0.8298
ccds1%		0.9396	0.0604	0.4844	-0.0288	0.6429
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8031	0.1969	0.7817	0.5627	0.6782
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9439	0.0561	0.5741	0.1148	0.5719
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9399	0.0301	0.9363	0.9104	0.1343

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
chrom19		0.9997	0.0003	0.9230	0.8437	0.1971
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9995	0.0005	0.8784	0.7565	0.3917
chrom211%		0.0008	0.9992	0.0008	0.0000	0.0023
chronic-kidney		0.9217	0.0783	0.6788	0.3417	0.6036
churn		0.8510	0.1490	0.7413	0.4500	0.5873
churn-bigml		0.9738	0.0262	0.9462	0.8865	0.0914
ci900367j_MACCS		0.6526	0.3474	0.6090	0.2061	0.8747
circles		0.9590	0.0008	0.9676	0.9586	0.0194
cirrhosis		0.8571	0.0952	0.5915	0.7042	0.1945
cjs		0.9964	0.0012	0.9962	0.9956	0.0059
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7472	0.1264	0.5668	0.5966	0.4325
climate		0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5714	0.2857	0.5479	0.3119	0.6526
cnae-9		0.8889	0.0247	0.8972	0.8750	0.1141
codon_usage		0.8488	0.0275	0.6809	0.8157	0.2380
coil20		0.8542	0.0146	0.8595	0.8464	0.0966
college		0.9481	0.0519	0.9345	0.8690	0.3129
collins		0.9400	0.0080	0.8484	0.9338	0.0192
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.7241	0.2759	0.6740	0.3256	0.7761
colposcopies-2		0.6207	0.3793	0.6202	0.2350	0.8832
colposcopies-3		0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.6897	0.3103	0.4961	-0.0077	0.8196
colposcopies-6		0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.6774	0.2151	0.5631	0.4799	0.4304
cottonmeloidogyne		0.7139	0.2861	0.7142	0.4281	0.8014
coupon		0.7129	0.2871	0.7036	0.4008	0.7964
covtype10%		0.7847	0.0615	0.6894	0.6468	0.3576
covtypeCD		0.9851	0.0149	0.9684	0.9368	0.1756
covtypeT		0.9779	0.0221	0.9146	0.8293	0.3291
crabs		0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans		0.9993	0.0007	0.9081	0.8152	0.3629
creditcard_trans10%		0.9982	0.0018	0.7738	0.5446	0.5153
crowdsourced		0.9161	0.0280	0.8060	0.8257	0.3012
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.2188	0.0391	0.1350	0.1960	0.1979
customer-churn		0.9830	0.0170	0.7371	0.4296	0.3817
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.6667	0.3333	0.6582	0.3077	0.8482
cylinder-bands		0.7593	0.2407	0.7513	0.4993	0.7330
darwin		0.6667	0.3333	0.6667	0.3333	0.8617
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8257	0.1743	0.7136	0.3969	0.6469
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8954	0.1046	0.7231	0.4410	0.6287
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9189	0.0270	0.9240	0.8984	0.0878
desharnais		0.8750	0.0833	0.8333	0.7714	0.0991
dexter		0.8167	0.1833	0.8257	0.6333	0.5674

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.8167	0.1833	0.7408	0.4762	0.6890
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-risk		0.9193	0.0807	0.8727	0.7428	0.4331
diabetic1%		0.5686	0.2876	0.3705	0.1262	0.5079
diabetic10%		0.5737	0.2842	0.4206	0.1376	0.5638
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7514	0.0994	0.7606	0.6409	0.3296
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.2917	0.7083	0.3035	-0.3600	1.0000
dlbcl-stanford		0.6000	0.4000	0.5833	0.1667	0.9308
dorothea		0.9391	0.0609	0.8171	0.6333	0.5103
dota210%		0.5592	0.4408	0.5536	0.1035	0.9513
dropout		0.7472	0.1685	0.6658	0.5682	0.4421
drug-01		0.3936	0.1733	0.0810	-0.0066	0.3264
drug-02		0.5106	0.1398	0.1680	0.0591	0.4562
drug-03		0.6649	0.0957	0.1498	0.0202	0.3768
drug-04		0.5319	0.1337	0.1312	0.0215	0.3555
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3457	0.1869	0.1701	0.1410	0.4659
drug-07		0.4096	0.1687	0.1147	-0.0248	0.3409
drug-08		0.5479	0.1292	0.1308	0.0364	0.3567
drug-09		0.8617	0.0395	0.1322	-0.0064	0.2133
drug-10		0.5426	0.1307	0.1303	0.0353	0.3310
drug-11		0.8511	0.0426	0.1766	0.0549	0.2135
drug-12		0.7872	0.0608	0.1258	-0.0059	0.2633
drug-13		0.5904	0.1170	0.1647	0.0646	0.2693
drug-14		0.6170	0.1094	0.2380	0.2069	0.3126
drug-15		0.7606	0.0684	0.1647	0.0294	0.2404
drug-16		0.5426	0.1307	0.2367	0.1404	0.4211
drug-17		0.3670	0.1809	0.1388	0.0860	0.4513
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1247	0.0269	0.2516
drybean		0.9170	0.0237	0.9311	0.8995	0.1294
ecoli		0.8529	0.0368	0.5428	0.7993	0.1584
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2800	0.3600	0.1949	0.0278	0.4382
eeg		0.3564	0.0805	0.4358	0.2683	0.5324
eeg-eye		0.8318	0.1682	0.8299	0.6567	0.5909
eeg10%		0.2843	0.0895	0.3376	0.1917	0.5324
eucalyptus		0.6301	0.1479	0.6092	0.5181	0.4140
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq10%		0.9435	0.0565	0.9434	0.8866	0.2891
fakenews		0.5275	0.4725	0.5277	0.0553	0.9830
farm-ads		0.8188	0.1812	0.8255	0.6298	0.5513
fbis-wc		0.7358	0.0311	0.7180	0.7009	0.2898
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.5686	0.4314	0.5558	0.1081	0.9492
financial-risk		0.8970	0.0343	0.6988	0.8384	0.1952
fishcatch		0.7500	0.0833	0.6724	0.6832	0.1494
flags		0.6000	0.1143	0.4305	0.4822	0.2161
forest		0.8846	0.0577	0.8750	0.8402	0.1464

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gas		0.9748	0.0084	0.9741	0.9695	0.0605
gastrointestinal		0.5000	0.3333	0.4125	0.2099	0.5043
gender		0.5958	0.2695	0.3770	0.1382	0.5377
gene		0.9180	0.0547	0.9127	0.8704	0.2394
german		0.6800	0.3200	0.6239	0.2363	0.8541
gestures		0.8322	0.0839	0.8326	0.7763	0.3076
gina		0.9020	0.0980	0.9020	0.8039	0.4251
glass		0.6667	0.1111	0.7254	0.5518	0.1925
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP		0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.8750	0.1250	0.8730	0.7143	0.4644
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.6000	0.2000	0.6175	0.4410	0.4072
gsalc		0.7778	0.0741	0.7059	0.7313	0.0884
haberman		0.7667	0.2333	0.6902	0.3787	0.7748
hapt		0.9277	0.0120	0.7656	0.9146	0.0858
har		0.9516	0.0194	0.9502	0.9387	0.1111
har701%		0.9000	0.0286	0.5291	0.8502	0.1238
har7010%		0.9159	0.0240	0.6369	0.8736	0.1232
harth1%		0.8254	0.0291	0.5071	0.7529	0.2113
hayes-roth		0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival		0.4706	0.5294	0.5077	0.0129	0.9183
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.7742	0.2258	0.7712	0.5412	0.7098
heart-c		0.7333	0.2667	0.7474	0.4495	0.6523
heart-failure		0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum		0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%		0.8480	0.1520	0.8483	0.6961	0.5630
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%		0.6709	0.3291	0.6716	0.3423	0.8537
higgs1%		0.6925	0.3075	0.6906	0.3810	0.8313
higher		0.2857	0.1786	0.1212	0.1304	0.2965
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8482	0.1518	0.7046	0.4018	0.6839
hiva		0.9645	0.0355	0.6382	0.1986	0.4361
horse		0.6667	0.2222	0.6478	0.4426	0.5665
hotel-reservartions		0.8674	0.1326	0.8458	0.6854	0.5156
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.9995	0.0004	0.9995	0.9992	0.0032
ht-sensor10%		0.9927	0.0049	0.9929	0.9890	0.0298
htru2		0.9760	0.0240	0.9266	0.8529	0.2870
hypothyroid		0.9894	0.0053	0.7108	0.9369	0.0826
hypothyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
ilpd		0.6949	0.3051	0.5145	0.0148	0.7591
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
instagram		0.9753	0.0123	0.9759	0.9671	0.0502
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.7240	0.0212	0.7397	0.7130	0.2324
jm1		0.8118	0.1882	0.6288	0.2115	0.6890
jvowels		0.8936	0.0237	0.8907	0.8794	0.1645
kc1		0.8531	0.1469	0.6707	0.3167	0.6679
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.5810	0.1197	0.6680	0.5093	0.3336
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kepler		0.8483	0.1011	0.8096	0.7510	0.3161
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9000	0.1000	0.8983	0.7922	0.4365
krkopt		0.7615	0.0265	0.7851	0.7319	0.2494
krvskp		0.9937	0.0063	0.9937	0.9874	0.0522
la1s-wc		0.8159	0.0614	0.8119	0.7668	0.2951
la2s-wc		0.7616	0.0795	0.7342	0.6984	0.3501
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5000	0.0250	0.2862	0.4779	0.1182
led24		0.6000	0.0889	0.6351	0.5480	0.2090
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.8605	0.0107	0.8682	0.8548	0.1459
leukemia		0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.6667	0.0444	0.6331	0.6415	0.1394
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
liver		0.5882	0.4118	0.5296	0.0593	0.9390
loan		0.9883	0.0117	0.9875	0.9750	0.0877
localization10%		0.5200	0.0873	0.3241	0.3327	0.3824
lrs		0.8491	0.0431	0.8065	0.7911	0.1474
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.5000	0.2000	0.4231	0.3725	0.2672
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7000	0.1200	0.6571	0.3814	0.3850
lung-cancer-harvard2		0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		0.5556	0.1481	0.5969	0.4286	0.2076
machine-failure		0.9149	0.0851	0.9121	0.8234	0.3843
madelon		0.7654	0.2346	0.7660	0.5308	0.7217
magic04		0.8580	0.1420	0.8419	0.6706	0.5038
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8115	0.6225	0.6394
marketing		0.8661	0.1339	0.6667	0.2640	0.5692
maternal		0.7129	0.1914	0.7178	0.5622	0.5080
math		0.8500	0.0750	0.8115	0.7665	0.2296
mba		0.8323	0.1118	0.3949	0.1291	0.3549
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2100	0.3160	0.1971	0.0043	0.4466
messidor		0.6522	0.3478	0.6683	0.3205	0.8264
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.8784	0.8448	0.1220
meter-D		0.7222	0.1389	0.5919	0.6000	0.2616
mfeat-fac		0.8850	0.0230	0.8868	0.8722	0.1384
mfeat-fou		0.7000	0.0600	0.7126	0.6667	0.2739
mfeat-kar		0.8100	0.0380	0.8148	0.7889	0.2166
mfeat-mor		0.6850	0.0630	0.6908	0.6500	0.2084
mfeat-pix		0.8300	0.0340	0.8321	0.8111	0.1869
mfeat-zer		0.6500	0.0700	0.6619	0.6111	0.2891
mice-prot		0.9537	0.0116	0.9480	0.9469	0.0348
milk		0.9906	0.0063	0.9918	0.9855	0.0283
mines		0.4412	0.2235	0.3730	0.2901	0.3720
mobile		0.5909	0.0146	0.6390	0.5835	0.1794
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8689	0.1311	0.8598	0.6806	0.3145
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4689	0.0966	0.5029	0.3343	0.4707
musk		0.9621	0.0379	0.9252	0.8484	0.2689
MUT_ci300400a_cdk_ESTATE		0.7410	0.2590	0.7296	0.4522	0.7558
MUT_ci300400a_cdk_FCFP2		0.7497	0.2503	0.7396	0.4772	0.7531
MUT_ci300400a_cdk_MACCS		0.7602	0.2398	0.7509	0.4999	0.7366
MUT_ci300400a_rdkit_descriptors		0.7732	0.2268	0.7662	0.5249	0.6982
myocardial		0.8706	0.0324	0.3458	0.3859	0.3053
naticusdroid		0.9669	0.0331	0.9669	0.9339	0.1956
NCI60		0.3333	0.2222	0.2500	0.2000	0.3026
nci9		0.5000	0.1667	0.4000	0.4000	0.1569
ncRNA1%		0.8977	0.0108	0.4210	0.6935	0.3617
ncRNA10%		0.9148	0.0090	0.5638	0.7460	0.3526
neo		0.9118	0.0882	0.6753	0.2570	0.4623
new-thyroid		0.8571	0.0952	0.7988	0.6613	0.3287
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6425	0.3575	0.6394	0.2773	0.8866
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.5000	0.3333	0.2849	-0.0302	0.5269
nursery		0.9907	0.0046	0.9863	0.9864	0.0410
obesity		0.9005	0.0284	0.9036	0.8836	0.1264
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9912	0.0088	0.9878	0.9755	0.0989
Occupancy_Estimation		0.9951	0.0025	0.9818	0.9849	0.0115
oh0-wc		0.8515	0.0297	0.8641	0.8297	0.1535
oh10-wc		0.7048	0.0590	0.6940	0.6621	0.2105
oh15-wc		0.7609	0.0478	0.8002	0.7263	0.2292
oh5-wc		0.7033	0.0593	0.7402	0.6618	0.2631
olive		0.9298	0.0156	0.9044	0.9118	0.0395
opn310k		0.9132	0.0868	0.6750	0.3167	0.5804
opn310k10%		0.9133	0.0867	0.6844	0.3533	0.6110
opnat310k-hg16-17		0.9149	0.0851	0.6868	0.3448	0.5784
optdigits		0.9146	0.0171	0.9179	0.9051	0.1148
optdigitsZ		0.9929	0.0071	0.9778	0.9553	0.0921
orl		0.5500	0.0225	0.5025	0.5385	0.0885
orlraws10P		0.3000	0.1400	0.2727	0.2222	0.2003
ovarian-cancer		0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr		0.9605	0.0395	0.5970	0.1516	0.5272
ozone8hr		0.9091	0.0909	0.6481	0.2944	0.6593
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8247	0.1753	0.8116	0.6207	0.6335
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8837	0.7626	0.4657

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
p53-mutants			0.9940	0.0060	0.6710	0.3418	0.5387
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9689	0.0124	0.8988	0.8327	0.2418
parkinson			0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons			0.9242	0.0758	0.9191	0.8365	0.3496
parkinsons-small			0.8421	0.1579	0.8508	0.6587	0.4882
particle			0.9193	0.0807	0.8997	0.7993	0.4156
particle10%			0.9023	0.0977	0.8800	0.7599	0.4746
pasture			1.0000	0.0000	1.0000	1.0000	0.0000
pc1			0.9189	0.0811	0.5907	0.1483	0.6102
pcmac			0.5464	0.4536	0.3533	-0.0712	0.8005
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8421	0.1579	0.8257	0.6308	0.5867
pediatric-leukemia			0.6471	0.1008	0.6206	0.5632	0.2398
pendigits			0.9618	0.0076	0.9613	0.9575	0.0619
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.7930	0.2070	0.7749	0.5456	0.6816
pet-adoption			0.9450	0.0550	0.9376	0.8722	0.2569
phishing			0.9510	0.0490	0.9486	0.8972	0.2697
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%			0.8507	0.0427	0.8398	0.8251	0.1565
phone-gyr0.1%			0.8672	0.0379	0.8601	0.8444	0.1533
phoneme			0.8667	0.1333	0.8340	0.6677	0.5664
pima			0.7500	0.2500	0.7337	0.4412	0.6999
pirvision			0.9909	0.0061	0.9849	0.9716	0.0847
placement			0.7940	0.2060	0.7866	0.5690	0.6693
plant-growth			0.7368	0.2632	0.7360	0.4693	0.7643
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5444	0.1302	0.2619	0.1290	0.3060
poker10%			0.5792	0.1052	0.2220	0.2036	0.2892
polish-1st			0.9787	0.0213	0.8343	0.6409	0.2699
polish-2nd			0.9715	0.0285	0.7696	0.4612	0.2584
polish-3rd			0.9562	0.0438	0.6812	0.2866	0.4260
polish-4th			0.9694	0.0306	0.8249	0.6194	0.2980
polish-5th			0.9560	0.0440	0.8222	0.6432	0.4828
polya			0.7351	0.2649	0.7015	0.3975	0.7845
popularity			0.6590	0.2273	0.4097	0.2041	0.4705
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.9734	0.0107	0.9731	0.9667	0.0667
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6768	0.3529	0.8487
prestige			0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor			0.3030	0.1072	0.2017	0.1795	0.3947
profb			0.6866	0.3134	0.6250	0.2456	0.8615
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.7143	0.2857	0.7058	0.3913	0.7630
prostate_GE			0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio			0.9875	0.0050	0.9782	0.9832	0.0412
puc-rio10%			0.9572	0.0171	0.9234	0.9425	0.1193
pufs-1281%			0.5107	0.4893	0.5107	0.0213	0.9938
pufs-641%			0.4879	0.5121	0.4879	-0.0242	1.0000
pufs-6410%			0.4970	0.5030	0.4970	-0.0060	1.0000
pulsar			0.9824	0.0176	0.9459	0.8895	0.1608
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
re0-wc			0.8000	0.0308	0.7667	0.7435	0.3919
re1-wc			0.8012	0.0159	0.7318	0.7749	0.1942
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
reuters21578			0.8458	0.0064	0.6028	0.7866	0.2765
rice			0.9857	0.0143	0.9856	0.9711	0.0943
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6662	0.3338	0.6467	0.2900	0.8663
satimage			0.8678	0.0441	0.8485	0.8369	0.2007
satimageF			0.9860	0.0140	0.9642	0.9283	0.1993
satimageT			0.9347	0.0653	0.8006	0.5902	0.4804
scadi			0.5714	0.1714	0.4571	0.3824	0.2786
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9567	0.0124	0.9583	0.9494	0.0623
segmentation			0.8069	0.1931	0.7858	0.5698	0.6665
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.6268	0.1696	0.4759
semeion			0.9937	0.0063	0.9834	0.9662	0.1529
sens-1-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-10-gram			0.8661	0.1339	0.6115	0.1470	0.5778
sens-2-gram			0.8553	0.1447	0.5569	0.0769	0.6599
sens-3-gram			0.8737	0.1263	0.6323	0.1412	0.4751
sens-4-gram			0.8632	0.1368	0.5963	0.1379	0.6268
sens-5-gram			0.8605	0.1395	0.5972	0.1524	0.6584
sens-6-gram			0.8605	0.1395	0.5709	0.0879	0.6168
sens-7-gram			0.8605	0.1395	0.5972	0.1524	0.6584
sens-8-gram			0.8553	0.1447	0.5860	0.1406	0.6882
sens-9-gram			0.8658	0.1342	0.6106	0.1647	0.6204
sensorless			0.9899	0.0018	0.9899	0.9889	0.0187
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8986	0.1014	0.7920	0.5795	0.5616
shuttle			1.0000	0.0000	1.0000	1.0000	0.0000
sick			0.9920	0.0080	0.9686	0.9369	0.1967
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9995	0.0005	0.9992	0.9984	0.0114
skin10%			0.9963	0.0037	0.9944	0.9889	0.0548
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.3000	0.3500	0.2314	0.0541	0.4929
smk_can_187			0.6316	0.3684	0.6438	0.2732	0.8562
smoking			0.7506	0.2494	0.7348	0.4693	0.7608
soil_pollution			0.2133	0.3147	0.1673	0.0084	0.4509
solar-flare			0.7122	0.0959	0.5763	0.6270	0.2446
sonar			0.6000	0.4000	0.6021	0.2000	0.9166
soybean			0.9118	0.0093	0.9291	0.9034	0.0501
spam-detection			0.9560	0.0440	0.8825	0.7601	0.4675
spambase			0.9065	0.0935	0.9018	0.8032	0.4168
spect			0.8519	0.1481	0.7657	0.5135	0.5964
spectf			0.6857	0.3143	0.6498	0.2936	0.8248
spectrometer			0.3846	0.0456	0.2954	0.3381	0.2217
splice-EI			0.9653	0.0347	0.9569	0.9113	0.2604
splice-IE			0.9211	0.0789	0.8895	0.7786	0.4271
sport-articles			0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9004	0.0664	0.8750	0.8379	0.2333
steel-b			0.8410	0.1590	0.7394	0.4690	0.6567
steel-d			0.9795	0.0205	0.8028	0.5899	0.3873

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.8051	0.1949	0.7799	0.5558	0.6667
steel-p			0.9436	0.0564	0.7975	0.5906	0.5045
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9124	0.8173	0.4208
stellar			0.9756	0.0163	0.9716	0.9565	0.0871
stock			0.9722	0.0278	0.9549	0.9089	0.2653
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.6150	0.1540	0.3422	0.3781	0.4396
student-habits			0.4000	0.2400	0.1881	0.0397	0.4469
student-weekend			0.3385	0.2646	0.1048	-0.0367	0.4786
student-workday			0.7188	0.1125	0.2655	0.0777	0.2017
studentap			0.4615	0.3590	0.3439	0.1250	0.4979
susy1%			0.7854	0.2146	0.7835	0.5639	0.6836
susy10%			0.7826	0.2174	0.7805	0.5587	0.6913
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4000	0.4000	0.4153	0.1000	0.7050
telco-churn			0.8906	0.1094	0.8583	0.7163	0.5102
texture			0.9327	0.0122	0.9343	0.9258	0.0866
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9843	0.0157	0.7856	0.5636	0.4413
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9020	0.0980	0.8636	0.7227	0.4561
tis10%			0.8881	0.1119	0.8418	0.6753	0.4868
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.1000	0.7059	0.6596	0.1667
tox_171			0.5882	0.2059	0.6149	0.4439	0.3765
toxicity			0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f			0.6471	0.3529	0.5597	0.0893	0.8324
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6667	0.3333	0.5343	0.0686	0.8850
trec11-wc			0.8049	0.0434	0.7390	0.7558	0.1539
trec12-wc			0.7419	0.0645	0.7407	0.6861	0.2048
trec21-wc			0.9394	0.0242	0.7197	0.8789	0.1067
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.9785	0.0072	0.9834	0.9715	0.0443
trec41-wc			0.9318	0.0136	0.8244	0.9168	0.0837
trec45-wc			0.7681	0.0464	0.8060	0.7279	0.2042
tuandromd			0.9888	0.0112	0.9827	0.9653	0.1219
turkish			0.7250	0.1375	0.7336	0.6333	0.3214
tvnews1%			0.8308	0.1692	0.8150	0.6203	0.5846
tvnews10%			0.8658	0.1342	0.8539	0.7058	0.5276
ur3_cobotops_grip			0.9741	0.0259	0.7430	0.4138	0.3208
ur3_cobotops_stop			0.9714	0.0286	0.7669	0.5192	0.4567
urban			0.7910	0.0464	0.8096	0.7541	0.1680
urinalysis			0.9301	0.0699	0.4819	-0.0229	0.6125
ustilago1%			0.9788	0.0212	0.4946	-0.0106	0.5187
vehicle			0.7143	0.1429	0.6623	0.6126	0.3141
vehicleVAN			0.9643	0.0357	0.9565	0.9091	0.2605
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.4343	0.1028	0.4851	0.3778	0.2949
vowelZ			1.0000	0.0000	1.0000	1.0000	0.0000
wap-wc			0.0192	0.0981	0.0019	0.0000	0.3766

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
warpar10p			0.6923	0.0615	0.6263	0.6533	0.1025
warppie10p			0.6667	0.0667	0.6829	0.6297	0.1416
watch-acc1%			0.9783	0.0062	0.9782	0.9746	0.0439
watch-gyr1%			0.9779	0.0063	0.9776	0.9741	0.0423
water_pollution			0.2633	0.3683	0.1874	0.0050	0.4592
waveform			0.7840	0.1440	0.7840	0.6760	0.4457
weather-related			0.9712	0.0052	0.9727	0.9673	0.0342
web-phishing			0.8519	0.0988	0.8271	0.7353	0.3974
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9700	0.0150	0.9702	0.9600	0.0652
wilt			0.9814	0.0186	0.8995	0.7987	0.3434
wine			0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red			0.5597	0.1468	0.2613	0.2799	0.4420
winequality-white			0.4785	0.1490	0.2098	0.1502	0.5775
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.1250	0.1167	0.1067	0.0628	0.2195
yeast			0.5203	0.0959	0.3891	0.3756	0.3910
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053
zip			0.8796	0.0241	0.8697	0.8650	0.1808

Table 190: Detailed results for RISE

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0530	0.0902	0.0527	-0.0197	0.5390
abalone19		0.9689	0.0311	0.4921	-0.0112	0.3207
abalone9-18		0.8356	0.1644	0.6173	0.1828	0.5164
accident		0.5000	0.5000	0.3333	0.0000	0.5283
AID_1431		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878		0.6857	0.3143	0.4805	-0.0390	0.8420
AID_652128		0.7273	0.1818	0.3589	0.0166	0.6111
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608red		0.8058	0.1942	0.5043	0.0067	0.5181
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
aids		0.6103	0.3897	0.4951	-0.0098	0.8962
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.6667	0.3333	0.6250	0.2500	0.8750
anneal		0.2584	0.2966	0.2789	0.0679	0.3986
anuran-f-b		0.9652	0.0348	0.5911	0.1264	0.3612
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5100	0.4900	0.5100	0.0200	0.9942
arcene		0.6000	0.4000	0.7059	0.2857	0.5283
arrhythmia		0.3111	0.1378	0.1510	-0.0505	0.6026
auction		0.8676	0.1324	0.6976	0.3950	0.6859
audiology		0.0000	0.0833	0.0000	0.0000	0.3248
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.4828	0.5172	0.3256	0.0000	0.5300
autos		0.2500	0.2500	0.1389	0.0323	0.5465
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.5484	0.3011	0.3759	0.1440	0.5244
banknote		0.4672	0.5328	0.4649	-0.0700	1.0000
bankruptcy		0.4000	0.6000	0.2857	0.0000	0.5239
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		0.7619	0.2381	0.7427	0.4828	0.7398
breast-cancer		0.2857	0.7143	0.2222	0.0000	0.4711
breast-cancer-co		0.4545	0.5455	0.3125	0.0000	0.5306
breast-cancer-ma		0.6364	0.3636	0.6333	0.2667	0.8952
breast-tissue		0.6364	0.1212	0.6098	0.5600	0.1571
bridges		0.1000	0.2571	0.0260	0.0000	0.3259
cad		0.7000	0.3000	0.4118	0.0000	0.4416
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.3478	0.6522	0.2581	0.0000	0.5068
car		0.6954	0.1523	0.2051	0.0000	0.2293
card		0.5217	0.4783	0.4973	-0.0053	0.9905
cardiotocography		0.2347	0.1531	0.2592	0.1014	0.6998
cardiotocography-nsp		0.7324	0.1784	0.4186	0.1432	0.6774
cars		0.4750	0.3500	0.2701	-0.0579	0.8198
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9535	0.0465	0.8481	0.6446	0.1330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
chrom191%		0.9912	0.0088	0.6217	0.1158	0.2341
chronic-kidney		0.7169	0.2831	0.4710	-0.0433	0.5377
churn		0.6090	0.3910	0.4993	-0.0013	0.8286
circles		0.0970	0.0181	0.0937	0.0879	0.4136
cirrhosis		0.3810	0.4127	0.1839	0.0000	0.3169
ckd		0.3500	0.6500	0.2593	0.0000	0.5077
climate		0.6296	0.3704	0.5442	0.0493	0.4397
cll_sub_111		0.2500	0.5000	0.2002	-0.2558	0.7428
cm1		0.8600	0.1400	0.4624	-0.0606	0.7431
cmc		0.2245	0.5170	0.1222	0.0000	0.4216
college		0.5714	0.4286	0.4677	-0.0645	0.9321
collins		0.0400	0.1280	0.0222	-0.0314	0.5058
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2		0.5517	0.4483	0.5323	0.0645	0.9585
colposcopies-3		0.5517	0.4483	0.5437	0.0872	0.9614
colposcopies-4		0.5172	0.4828	0.3958	-0.2083	0.9526
colposcopies-5		0.7586	0.2414	0.6667	0.3165	0.7298
colposcopies-6		0.4828	0.5172	0.4833	-0.0333	1.0000
colposcopies-c		0.4828	0.5172	0.3791	-0.2323	0.8915
column-2c		0.7419	0.2581	0.7217	0.4389	0.7661
column-3c		0.7097	0.1935	0.6322	0.5079	0.3932
crabs		0.2000	0.4000	0.1903	-0.0667	0.7757
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.0938	0.0453	0.0656	0.0683	0.2080
cyclopentane		0.4815	0.5185	0.4750	-0.0500	1.0000
darwin		0.3889	0.6111	0.3624	-0.2222	1.0000
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dbworld		0.4286	0.5714	0.3000	0.0000	0.5288
defect		0.6389	0.3611	0.4363	-0.1219	0.7840
depressed		0.6643	0.3357	0.4843	-0.0303	0.7987
dermatology		0.3514	0.2162	0.2593	0.1793	0.5730
desharnais		0.3750	0.4167	0.4211	0.1304	0.4743
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
diabetes		0.3846	0.6154	0.2778	0.0000	0.5200
diagnosis		0.4167	0.5833	0.2941	0.0000	0.5271
diamonds		0.2167	0.3917	0.3463	0.0637	0.4967
dishonest		0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.3750	0.6250	0.2727	-0.4286	0.8893
dlbcl-nih		0.4583	0.5417	0.4922	-0.0130	0.9318
dlbcl-stanford		0.4000	0.6000	0.2857	-0.3636	1.0000
drug-01		0.3830	0.1763	0.0956	-0.0069	0.3901
drug-02		0.3777	0.1778	0.1519	0.0926	0.4711
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.4362	0.1611	0.1194	-0.0053	0.4743
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.1383	0.2462	0.1082	-0.0553	0.7708
drug-07		0.3617	0.1824	0.0759	0.0000	0.2501
drug-08		0.5372	0.1322	0.1172	-0.0011	0.3564
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1368	0.0979	0.0000	0.2706

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-17		0.1915	0.2310	0.1239	-0.0207	0.6234
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
ecoli		0.6176	0.0956	0.1847	0.4067	0.2072
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.6970	0.3030	0.6873	0.3426	0.7334
ecoliMU		0.8182	0.1818	0.5816	0.1538	0.6675
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
eucalyptus		0.2466	0.3014	0.2951	0.0852	0.7082
fakenews		0.5125	0.4875	0.5126	0.0251	0.9926
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.4706	0.5294	0.4675	-0.0650	1.0000
fishcatch		0.5000	0.1667	0.4061	0.3600	0.3336
flags		0.3000	0.2000	0.1371	0.1026	0.3529
forest		0.2115	0.3942	0.1998	-0.0575	0.8445
gastrointestinal		0.1875	0.5417	0.1894	-0.1620	0.8531
german		0.6500	0.3500	0.3939	0.0000	0.4745
glass		0.4286	0.1905	0.1543	0.0870	0.2930
glass-g2		0.4375	0.5625	0.4826	-0.0286	0.9147
glassBWFP		0.6190	0.3810	0.5441	0.0562	0.8118
glassBWNFP		0.6190	0.3810	0.5397	0.0769	0.9308
glassContainers		0.8636	0.1364	0.4634	-0.0645	0.7409
glassNW		0.7619	0.2381	0.4324	0.0000	0.3902
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.3684	0.6316	0.3667	-0.2667	1.0000
gli_85		0.3750	0.6250	0.4248	-0.1111	0.8136
glioma		0.2000	0.5333	0.2222	-0.1765	0.4865
glioma-grade		0.4167	0.5833	0.2941	0.0000	0.5271
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.2667	0.3667	0.1574	-0.0645	0.5537
gsalc		0.2222	0.2593	0.1786	0.0735	0.3132
haberman		0.6333	0.3667	0.3878	-0.1702	0.9381
hayes-roth		0.6250	0.2500	0.5797	0.3846	0.2117
hcc-survival		0.4118	0.5882	0.4496	-0.0759	0.9298
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.4516	0.5484	0.4498	-0.1002	1.0000
heart-c		0.6333	0.3667	0.6890	0.2254	0.5031
heart-quantum		0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs		0.5385	0.4615	0.5712	0.1136	0.7500
higher		0.2143	0.1964	0.0536	0.0000	0.3323
hinselmann		0.8000	0.2000	0.8077	0.5455	0.5283
hitters		0.4688	0.5312	0.3191	0.0000	0.5307
horse		0.5278	0.3148	0.2303	0.0000	0.3606
ilpd		0.5763	0.4237	0.5256	0.0502	0.9076
immuno-therapy		1.0000	0.0000	1.0000	1.0000	0.0000
ionosphere		0.6286	0.3714	0.6966	0.3219	0.6715
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.7000	0.3000	0.7633	0.4327	0.5023
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.3571	0.0536	0.0298	0.1600	0.1649
kc1-class-level-top5percentDF		0.8000	0.2000	0.4444	-0.0976	0.5661
kc2		0.7500	0.2500	0.6376	0.2747	0.8005
kidney-disease		0.3750	0.6250	0.2727	0.0000	0.5170

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.0000	0.0500	0.0000	-0.0321	0.2854
led24		0.1500	0.1700	0.0261	0.0000	0.3774
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
leukemia		0.4286	0.3810	0.3571	0.2000	0.4588
leukemia2		0.4286	0.5714	0.3000	0.0000	0.5288
libra		0.1944	0.1074	0.1430	0.1365	0.3682
liver		0.3529	0.6471	0.3422	-0.2941	0.9644
lrs		0.2830	0.2049	0.2935	0.0553	0.5968
lung		0.4286	0.2286	0.2132	0.0597	0.6660
lung_discrete		0.0000	0.2857	0.0000	0.0000	0.3487
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.3500	0.2600	0.2068	-0.0039	0.4760
lung-cancer-harvard2		0.6667	0.3333	0.4000	-0.2000	0.8322
lung-cancer-michigan		0.7778	0.2222	0.4375	-0.1250	0.7500
lung-cancer-ontario		0.3333	0.6667	0.2500	-0.5000	1.0000
lupus		0.4444	0.5556	0.3077	-0.2162	0.9876
lymphography		0.6429	0.1786	0.3443	0.1954	0.2336
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.5638	0.4362	0.5360	0.0704	0.9618
malware		0.8919	0.1081	0.8122	0.5488	0.2500
mammography		0.5312	0.4688	0.3469	0.0000	0.5228
maternal		0.4356	0.3762	0.4233	0.1352	0.7534
math		0.8000	0.1000	0.7494	0.6947	0.2408
mental-disorders		0.5000	0.2500	0.5333	0.3333	0.3911
messidor		0.5652	0.4348	0.3611	0.0000	0.5133
meter-A		0.6250	0.3750	0.5749	0.1429	0.9116
meter-B		0.7778	0.1481	0.7222	0.6538	0.2586
meter-C		0.3333	0.3333	0.3157	0.1000	0.6967
meter-D		0.6111	0.1944	0.6665	0.4638	0.2736
mfeat-fou		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar		0.0950	0.1810	0.0980	-0.0056	0.8509
mfeat-mor		0.3100	0.1380	0.3170	0.2333	0.5903
mfeat-zer		0.1700	0.1660	0.1738	0.0778	0.7967
milk		0.4623	0.3585	0.3815	0.1271	0.7080
mines		0.2059	0.3176	0.1248	-0.0110	0.6060
monks-1		0.5091	0.4909	0.3373	0.0000	0.5270
monks-2		0.3443	0.6557	0.2561	0.0000	0.5052
monks-3		0.4821	0.5179	0.3253	0.0000	0.5301
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
NCI60		0.5000	0.1667	0.4545	0.4000	0.1534
nci9		0.1667	0.2778	0.0556	0.0000	0.3511
new-thyroid		0.8571	0.0952	0.8109	0.6613	0.2877
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
NHANES_age_prediction		0.7225	0.2775	0.5078	0.0156	0.8054
NPHA-doctor-visits		0.4583	0.3611	0.2488	-0.0833	0.6893
obs		0.4630	0.2685	0.1582	0.0000	0.3435
olive		0.3684	0.1404	0.1289	0.1864	0.4100
orl		0.1000	0.0450	0.0468	0.0769	0.2413
orlraws10P		0.3000	0.1400	0.2000	0.2222	0.2089
ovarian-cancer		0.5200	0.4800	0.5786	0.1279	0.8289
page-blocks		0.8373	0.0651	0.1973	-0.0177	0.6340
parkinson		0.6000	0.4000	0.5943	0.1876	0.9213
parkinsons-small		0.6316	0.3684	0.6088	0.2036	0.8217
pasture		0.2500	0.5000	0.1333	-0.3333	0.5961
pc1		0.9099	0.0901	0.4764	-0.0297	0.6428
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.5921	0.4079	0.4655	-0.0690	0.9141

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
period		0.5556	0.4444	0.5791	0.1429	0.8628
period-10f		0.5556	0.4444	0.5791	0.1429	0.8628
phoneme		0.5444	0.4556	0.5469	0.0845	0.8561
pima		0.5263	0.4737	0.5573	0.1024	0.8995
plant-growth		0.5263	0.4737	0.5225	0.0447	0.9841
plrx		0.6111	0.3889	0.5439	0.0870	0.8978
post-operative		0.3333	0.4444	0.1667	0.0000	0.2500
pred-tox_mutagen_ref-desc		0.6029	0.3971	0.6041	0.2059	0.9196
prestige		0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor		0.1818	0.0744	0.0140	0.0000	0.3153
profb		0.6716	0.3284	0.4018	0.0000	0.4612
promoters		0.4000	0.6000	0.2857	0.0000	0.5239
prostate		0.4286	0.5714	0.4167	-0.1667	1.0000
prostate_GE		0.4545	0.5455	0.4500	-0.1000	1.0000
raisin		0.7889	0.2111	0.7895	0.5778	0.6809
scadi		0.4286	0.1633	0.0857	0.0000	0.2912
schiller		0.6667	0.3333	0.7404	0.3721	0.5239
schizo		0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
seeds		0.6190	0.2540	0.6105	0.4286	0.4271
segment		0.4113	0.1682	0.4144	0.3108	0.5704
segmentation		0.5099	0.4901	0.5133	0.0253	0.9393
segmentO		0.8398	0.1602	0.6612	0.3206	0.7257
sirtuin6		0.8000	0.2000	0.8000	0.6000	0.6644
smarket		0.9920	0.0080	0.9921	0.9840	0.0544
smk_can_187		0.4737	0.5263	0.4722	-0.0556	1.0000
solar-flare		0.2878	0.2374	0.0745	0.0000	0.3586
sonar		0.6000	0.4000	0.6021	0.2000	0.9166
soybean		0.0294	0.1022	0.0114	0.0128	0.3457
spect		0.7778	0.2222	0.4375	0.0000	0.3750
spectf		0.6571	0.3429	0.6293	0.2500	0.8347
spectrometer		0.0385	0.0712	0.0185	-0.0309	0.3813
squash-stored		0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored		0.4000	0.4000	0.2778	-0.1538	0.4966
steel-b		0.7231	0.2769	0.5831	0.1661	0.8356
steel-d		0.9590	0.0410	0.5931	0.1798	0.6033
steel-k		0.8769	0.1231	0.8444	0.6713	0.5558
steel-o		0.5949	0.4051	0.5586	0.1171	0.9319
steel-p		0.8205	0.1795	0.5270	0.0514	0.6587
steel-s		0.9590	0.0410	0.7070	0.4077	0.5591
steel-z		0.8462	0.1538	0.6010	0.2004	0.7053
stockb		0.6520	0.2320	0.6510	0.4780	0.5304
streaming		0.6080	0.3920	0.6090	0.2167	0.9146
stress		0.9841	0.0063	0.9845	0.9801	0.0233
student-weekend		0.3538	0.2585	0.2846	0.1032	0.6743
student-workday		0.5938	0.1625	0.3795	-0.0048	0.3464
studentap		0.3846	0.4103	0.1852	0.0000	0.4010
tae		0.3333	0.4444	0.3521	0.0000	0.7607
texture		0.2618	0.1342	0.2681	0.1878	0.6357
thoracic		0.7872	0.2128	0.4405	-0.0981	0.8198
Thyroid_Diff		0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe		0.4105	0.5895	0.4282	-0.1286	0.9445
titanic		0.8182	0.1818	0.7833	0.5545	0.6262
tourist		0.0000	0.3333	0.0000	-0.0667	0.3377
tox_171		0.0588	0.4706	0.0500	-0.2364	0.8541
toxicity		0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f		0.6471	0.3529	0.5858	0.1639	0.8952
trains		0.5000	0.5000	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
transfusion		0.6533	0.3467	0.4855	-0.0285	0.9078
trec12-wc		0.2903	0.1774	0.0563	0.0000	0.3607
trec23-wc		0.2381	0.2540	0.1445	0.0317	0.3548
turkish		0.3250	0.3375	0.3962	0.1000	0.5848
urban		0.1493	0.1891	0.1611	0.0476	0.6690
vehicle		0.3810	0.3095	0.3850	0.1648	0.7024
vehicleVAN		0.6548	0.3452	0.5168	0.0333	0.9018
voice		0.4167	0.5833	0.2941	-0.4000	1.0000
vote		0.5116	0.4884	0.3385	0.0000	0.5266
vowel		0.0606	0.1708	0.0564	-0.0333	0.7215
vowelZ		0.8081	0.1919	0.5373	0.0711	0.6755
warpar10p		0.2308	0.1538	0.1073	0.1333	0.2782
warppie10p		0.2857	0.1429	0.2581	0.2025	0.3407
water_pollution		0.2133	0.3933	0.2135	-0.0497	0.8844
web-phishing		0.4074	0.3951	0.1930	0.0000	0.3383
Weekly		1.0000	0.0000	1.0000	1.0000	0.0000
white-clover		0.5000	0.2500	0.1667	-0.1250	0.1710
wifi-loc		0.3950	0.3025	0.3878	0.1933	0.7058
wilt		0.7992	0.2008	0.4996	-0.0005	0.4542
wine		0.6471	0.2353	0.6315	0.4457	0.3603
winequality-red		0.4906	0.1698	0.3594	0.1600	0.5606
wisc_bc		0.5614	0.4386	0.5334	0.0668	0.9552
yale		0.1875	0.1083	0.1692	0.1260	0.2374
yeast		0.2365	0.1527	0.0692	-0.0061	0.3732
yeastCYT-POX		0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC		0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1		0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2		0.9527	0.0473	0.4879	0.0000	0.1300

Table 191: Detailed results for Rk-NN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1663	0.0794	0.1296	0.0846	0.5952
abalone19		0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9819	0.0181	0.6322	0.1884	0.4074
accident		0.4500	0.5500	0.4497	-0.1000	1.0000
ads		0.9726	0.0274	0.9413	0.8785	0.1617
adult		0.8387	0.1613	0.7626	0.5188	0.6461
advanced-iot		0.9990	0.0003	0.9990	0.9988	0.0030
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.8000	0.2000	0.5220	0.0256	0.7084
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.8738	0.1262	0.4663	-0.0669	0.6884
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9813	0.0187	0.5988	0.1909	0.5648
AID373AID439red		0.9953	0.0047	0.4988	-0.0003	0.0517
AID373red		0.9957	0.0043	0.4989	-0.0015	0.2967
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604		0.9954	0.0046	0.4988	-0.0016	0.5021
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5631	0.1250	0.9054
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9967	0.0033	0.4992	-0.0010	0.2404
AID687red		0.9927	0.0073	0.4982	-0.0035	0.4678
AID688red		0.9904	0.0096	0.4976	-0.0007	0.2166
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9940	0.0060	0.4985	-0.0017	0.2247
AID746red		0.9895	0.0105	0.4974	-0.0052	0.5492
aids		0.8169	0.1831	0.7226	0.3884	0.5867
air_pollution		0.3667	0.1810	0.1562	0.0003	0.7034
air-booking		0.8476	0.1524	0.5626	0.0420	0.5083
airline		0.9348	0.0652	0.9336	0.8666	0.3164
alcohol		0.8667	0.0533	0.7156	0.6756	0.2050
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7674	0.2326	0.7357	0.4375	0.6663
anneal		0.9551	0.0180	0.8981	0.9064	0.1256
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9847	0.0076	0.9523	0.9708	0.0426
anuran-genus		0.9777	0.0056	0.9509	0.9632	0.0505
anuran-species		0.9764	0.0047	0.9541	0.9673	0.0724
anxiety		0.1333	0.1926	0.1290	0.0242	0.7710
apple-quality		0.8850	0.1150	0.8853	0.7700	0.4709
aps-failure		0.9903	0.0097	0.8577	0.7147	0.3928
arabidopsis0.1%		0.9794	0.0206	0.4948	-0.0102	0.4962
arcene		0.7000	0.3000	0.7674	0.4444	0.5112
arrhythmia		0.6667	0.0667	0.4901	0.4534	0.2991
auction		0.9118	0.0882	0.7695	0.4848	0.4195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.6364	0.0661	0.6216	0.5544	0.1768
audit-risk		0.9487	0.0513	0.9477	0.8941	0.2779
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.9714	0.0286	0.9640	0.9253	0.1096
autism-child		0.9310	0.0690	0.9310	0.8619	0.3353
autos		0.8500	0.0600	0.8805	0.8000	0.1433
avila		0.7695	0.0384	0.7355	0.6898	0.3281
babies		0.3710	0.1797	0.1734	0.0420	0.5767
balance		0.8871	0.0753	0.6114	0.7877	0.2090
bank		0.9073	0.0927	0.7405	0.4715	0.5877
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8925	0.7771	0.3881
basehock		0.7437	0.2563	0.7648	0.4864	0.6320
bio		0.9965	0.0035	0.8947	0.7866	0.2715
bio10%		0.9945	0.0055	0.8448	0.6895	0.4286
biodeg		0.8667	0.1333	0.8576	0.7146	0.5298
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%		0.9853	0.0042	0.1418	-0.0008	0.1425
bitcoin10%		0.9851	0.0027	0.1233	0.0124	0.1955
body-perf		0.6470	0.1765	0.6430	0.5294	0.4853
bookings		0.9320	0.0453	0.7308	0.8515	0.2115
brain-tumor		0.4925	0.5075	0.4906	-0.0164	0.9657
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17		0.9138	0.0862	0.6491	0.1606	0.3974
bub12at310k-hg16-17		0.9122	0.0878	0.6367	0.1544	0.4363
bub8at310k-hg16-17		0.9133	0.0867	0.6460	0.1771	0.4401
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4700	0.3533	0.3454	0.0108	0.6479
car		0.9540	0.0230	0.8586	0.8993	0.0750
car-insurance		0.8220	0.1780	0.7865	0.5696	0.6467
card		0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography		0.7606	0.0479	0.6463	0.7098	0.2515
cardiotocography-nsp		0.8826	0.0782	0.7829	0.6874	0.3288
cardiovascular		0.6824	0.3176	0.6824	0.3648	0.8430
cargo2k		0.9695	0.0203	0.9696	0.9543	0.1052
cars		0.7000	0.2000	0.5893	0.4545	0.5731
cas_N6512_cdk_ECFP2		0.7312	0.2688	0.7326	0.4631	0.7724
cas_N6512_rdkit_ATOMPAIR		0.7292	0.2708	0.7296	0.4581	0.7784
cas_N6512_RDkit_AtomPair_FP		0.7715	0.2285	0.7720	0.5427	0.7120
cas_N6512_rdkit_AVALON		0.7711	0.2289	0.7717	0.5420	0.7126
cas_N6512_RDkit_Avalon_FP		0.7945	0.2055	0.7996	0.5916	0.6516
cas_N6512_rdkit_descriptors		0.7708	0.2292	0.7713	0.5413	0.7132
cas_N6512_rdkit_FEATMORGAN		0.7588	0.2412	0.7615	0.5192	0.7254
cas_N6512_RDkit_Featmorgan_FP		0.7607	0.2393	0.7624	0.5223	0.7260
cas_N6512_RDkit_FP		0.7362	0.2638	0.7420	0.4765	0.7488
cas_N6512_rdkit_LAYERED		0.7585	0.2415	0.7611	0.5185	0.7260
cas_N6512_RDkit_Layered_FP		0.7715	0.2285	0.7709	0.5414	0.7153
cas_N6512_rdkit_MACCS		0.7708	0.2292	0.7695	0.5389	0.7176
cas_N6512_RDkit_MACCS_FP		0.7565	0.2435	0.7600	0.5152	0.7261
cas_N6512_rdkit_MORGAN		0.7754	0.2246	0.7761	0.5507	0.7049
cas_N6512_RDkit_morgan_FP		0.7807	0.2193	0.7813	0.5611	0.6961

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7677	0.2323	0.7710	0.5374	0.7079
cas_N6512_RDkit_pattern_FP		0.7546	0.2454	0.7598	0.5125	0.7221
cas_N6512_rdkit_RDKITFP		0.7512	0.2488	0.7537	0.5039	0.7384
cas_N6512_rdkit_TORSION		0.7797	0.2203	0.7863	0.5630	0.6721
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8465	0.1024	0.4182	0.1849	0.3421
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7772	0.2228	0.7819	0.5468	0.6693
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5532	0.2040
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.6204	0.1732	0.4871
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9465	0.0535	0.6903	0.2965	0.4165
central-nervous-system		0.1667	0.8333	0.1429	-0.6667	0.9586
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9767	0.0233	0.8527	0.6560	0.0768
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.7747	0.1126	0.7612	0.6593	0.3275
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9993	0.0007	0.8332	0.6663	0.4330
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8430	0.1570	0.7281	0.4328	0.6321
churn-bigml		0.9026	0.0974	0.7774	0.5173	0.4660
ci900367j_MACCS		0.7053	0.2947	0.6760	0.3455	0.8195
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.4996	0.4867	0.4110
cjs		0.9286	0.0238	0.9122	0.9130	0.1163
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8176	0.0912	0.6987	0.7056	0.2690
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.6667	0.2222	0.7059	0.5000	0.4413
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4589	0.1913	0.7257
cnae-9		0.7130	0.0638	0.7589	0.6771	0.2375
codon_usage		0.8864	0.0207	0.7091	0.8616	0.1820
coil20		0.9931	0.0007	0.9933	0.9927	0.0048
college		0.9091	0.0909	0.8839	0.7674	0.4467
collins		0.6400	0.0480	0.5837	0.6000	0.2048
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.7241	0.2759	0.6740	0.3256	0.7761
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7586	0.2414	0.7584	0.5155	0.7334
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.8065	0.1935	0.7698	0.5327	0.6667
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
connect-4		0.9852	0.0099	0.7004	0.5344	0.1170
cottonmeloidogyne		0.7043	0.2957	0.7120	0.4100	0.7778
coupon		0.6814	0.3186	0.6699	0.3252	0.8208
covtype10%		0.8401	0.0457	0.7279	0.7411	0.3045
covtypeCD		0.9811	0.0189	0.9607	0.9212	0.2269
covtypeT		0.9839	0.0161	0.9365	0.8726	0.2393
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9994	0.0006	0.9067	0.8087	0.2039
creditcard_trans10%		0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced		0.9512	0.0163	0.8522	0.9003	0.2312

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.4688	0.0332	0.4199	0.4516	0.0987
customer-churn		0.9800	0.0200	0.6489	0.1879	0.3370
cybersecurity		0.1633	0.2789	0.1616	-0.0094	0.8147
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.7593	0.2407	0.7513	0.4993	0.7330
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0968	0.1806	0.0954	-0.0035	0.9094
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8187	0.1813	0.7005	0.3715	0.6673
defect		0.8611	0.1389	0.6857	0.2602	0.4782
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8980	0.1020	0.7193	0.4261	0.6089
depressed		0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology		0.9730	0.0090	0.9729	0.9662	0.0254
desharnais		0.5000	0.3333	0.2667	0.0588	0.5516
dexter		0.5333	0.4667	0.5793	0.0667	0.6744
df_final		0.7500	0.1667	0.7678	0.6098	0.3572
DIA		0.8333	0.1667	0.7575	0.4872	0.5975
diabetes		0.9231	0.0769	0.9186	0.8344	0.3408
diabetes-100k		0.9614	0.0386	0.8632	0.7057	0.2670
diabetes-risk		0.9091	0.0909	0.8580	0.7149	0.4836
diabetic1%		0.5294	0.3137	0.3251	0.0628	0.5911
diabetic10%		0.5530	0.2980	0.4072	0.1270	0.6432
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9500	0.0250	0.9248	0.9303	0.0567
diamonds_all		0.6800	0.1280	0.6458	0.5460	0.4228
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.6250	0.3750	0.3846	-0.2000	0.9438
dlbcl-nih		0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.8870	0.1130	0.5544	0.0867	0.6703
dota2		0.5425	0.4575	0.5402	0.0804	0.9740
dota210%		0.5515	0.4485	0.5501	0.1003	0.9674
drebin		0.9740	0.0260	0.9724	0.9446	0.1623
dropout		0.7269	0.1821	0.6241	0.5346	0.5188
drug-01		0.3989	0.1717	0.2388	0.0728	0.5457
drug-02		0.5479	0.1292	0.2852	0.2116	0.4457
drug-03		0.6809	0.1064	0.1840	0.0497	0.3675
drug-04		0.5053	0.1413	0.2272	0.1216	0.6271
drug-05		0.7287	0.0775	0.1204	-0.0064	0.2524
drug-06		0.3670	0.1809	0.2668	0.2067	0.6184
drug-07		0.4096	0.1968	0.2435	0.0340	0.4846
drug-08		0.5585	0.1261	0.2072	0.1277	0.3801
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5691	0.1231	0.1847	0.1575	0.3846
drug-11		0.8511	0.0426	0.1317	0.0284	0.1249
drug-12		0.7926	0.0691	0.1478	0.0195	0.1702
drug-13		0.5745	0.1216	0.1455	0.1361	0.4181
drug-14		0.5691	0.1231	0.2264	0.1903	0.5021
drug-15		0.7553	0.0699	0.1237	0.0230	0.2467
drug-16		0.5585	0.1472	0.3141	0.2334	0.5425
drug-17		0.3511	0.1854	0.2258	0.1043	0.6076
drug-18		0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19		0.7606	0.0684	0.1234	-0.0143	0.2847

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drybean			0.9280	0.0206	0.9401	0.9130	0.1209
ecoli			0.8235	0.0588	0.7007	0.7388	0.1475
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU			0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM			0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce			0.2700	0.3650	0.2629	0.0255	0.8416
eeg			0.4767	0.0654	0.4934	0.4201	0.6021
eeg-eye			0.9079	0.0921	0.9069	0.8130	0.4037
eeg10%			0.3570	0.0804	0.3342	0.2864	0.6654
email_phishing			0.9873	0.0127	0.6533	0.1540	0.2399
eucalyptus			0.6027	0.1589	0.5650	0.4825	0.4184
euthyroid			0.9462	0.0538	0.8347	0.6620	0.4307
exon.vs.intron-freq10%			0.7806	0.2194	0.8063	0.5496	0.4676
fakenews			0.4700	0.5300	0.4687	-0.0618	1.0000
fbis-wc			0.4878	0.0603	0.3422	0.4184	0.3947
fertility			0.9000	0.1000	0.4737	0.0000	0.2236
finance			0.5294	0.4706	0.5140	0.0270	0.9795
financial-risk			0.6675	0.1108	0.3665	0.4330	0.3756
fishcatch			0.8750	0.0417	0.8833	0.8416	0.1096
flags			0.5500	0.1286	0.3503	0.4304	0.3220
fonts10%			0.4785	0.0068	0.2066	0.4512	0.6507
forest			0.9038	0.0481	0.8898	0.8686	0.1599
gas			0.9813	0.0062	0.9809	0.9773	0.0425
gastrointestinal			0.6250	0.2500	0.6326	0.4217	0.5396
gender			0.6000	0.2667	0.4415	0.1571	0.6383
gene			0.8517	0.0988	0.8387	0.7493	0.2806
german			0.6400	0.3600	0.5475	0.0746	0.8610
gestures			0.7252	0.1374	0.7537	0.6336	0.3567
gina			0.9164	0.0836	0.9166	0.8329	0.3812
gisette			0.9629	0.0371	0.9630	0.9257	0.2090
glass			0.8095	0.0635	0.7292	0.7255	0.1795
glass-g2			0.6250	0.3750	0.6667	0.2941	0.7744
glassBWFP			0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP			0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers			0.9091	0.0909	0.4762	0.0000	0.2092
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.8421	0.1579	0.8444	0.6851	0.5655
gli_85			0.6250	0.3750	0.7241	0.3333	0.5239
glioma			0.6000	0.2667	0.4912	0.4118	0.2946
glioma-grade			0.8333	0.1667	0.8286	0.6571	0.6041
green			0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage			0.4667	0.2667	0.5639	0.2593	0.4505
gsalc			0.8889	0.0370	0.9167	0.8657	0.0530
haberman			0.7667	0.2333	0.6698	0.3226	0.7594
hapt			0.9387	0.0102	0.8246	0.9276	0.0868
har			0.9857	0.0057	0.9859	0.9819	0.0345
har701%			0.9119	0.0252	0.6150	0.8672	0.1115
har7010%			0.9232	0.0220	0.6141	0.8841	0.1338
harth1%			0.8723	0.0213	0.6190	0.8257	0.2054
hayes-roth			0.4375	0.3750	0.4762	0.1111	0.6143
hcc-survival			0.7647	0.2353	0.8090	0.5526	0.4822
health-activity			0.7600	0.1200	0.2159	-0.0157	0.2902
heart			0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack			0.8710	0.1290	0.8745	0.7427	0.4884
heart-c			0.9667	0.0333	0.9674	0.9327	0.1529

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-failure		0.9440	0.0560	0.9349	0.8649	0.2382
heart-quantum		0.9000	0.1000	0.8970	0.7934	0.4416
hepatitis		0.6667	0.3333	0.6377	0.2424	0.7291
hepmass1%		0.8247	0.1753	0.8248	0.6492	0.6145
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6382	0.3618	0.6366	0.2731	0.8931
higgs1%		0.6481	0.3519	0.6463	0.2926	0.8828
higher		0.2857	0.1786	0.1382	0.1250	0.2661
hinselmann		0.7000	0.3000	0.6098	0.2105	0.7892
hitters		0.6250	0.3750	0.6315	0.2227	0.8074
hiv1-proteasa		0.8718	0.1282	0.7375	0.4299	0.5397
hiva		0.9409	0.0591	0.6067	0.2119	0.6088
horse		0.6111	0.2593	0.5773	0.2931	0.5063
hotel-reservartions		0.8575	0.1425	0.8339	0.6606	0.5400
hr		0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor10%		0.9985	0.0010	0.9985	0.9977	0.0079
htru2		0.9754	0.0246	0.9235	0.8455	0.2631
hypothyroid		0.9284	0.0358	0.4317	0.4678	0.2109
hypothyroidT		0.9523	0.0477	0.8053	0.5500	0.2570
ilpd		0.6780	0.3220	0.5181	0.0278	0.8593
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9733	0.0133	0.9735	0.9644	0.0594
ionosphere		0.9429	0.0571	0.9404	0.8736	0.2987
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8216	0.0137	0.8439	0.8144	0.1438
jm1		0.8163	0.1837	0.6390	0.2253	0.6674
jvowels		0.9869	0.0029	0.9868	0.9852	0.0245
kc1		0.8720	0.1280	0.7108	0.3665	0.5495
kc1-class-level-defectiveornot		0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect		0.6923	0.1231	0.3080	0.3158	0.2792
kc1-class-level-top5percentDF		0.8000	0.2000	0.4444	-0.0976	0.5661
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.3791	0.1774	0.4967	0.2787	0.4134
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9466	0.0534	0.4863	-0.0040	0.3215
kddcup991%		0.9909	0.0014	0.7884	0.9846	0.0286
kepler		0.8264	0.1158	0.7662	0.7108	0.2920
kidney		0.7975	0.0810	0.1776	0.0005	0.2593
kidney-disease		0.9500	0.0500	0.9479	0.8904	0.1808
krkopt		0.7576	0.0269	0.7552	0.7294	0.2846
krvskp		0.9561	0.0439	0.9561	0.9121	0.2421
la1s-wc		0.3429	0.2190	0.4870	0.2393	0.4202
la2s-wc		0.3444	0.2185	0.4847	0.2348	0.4398
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6471	0.0307	0.6017	0.6298	0.0904
led24		0.6500	0.0778	0.6976	0.6011	0.1999
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9475	0.0040	0.9475	0.9454	0.0597
leukemia		0.4286	0.3810	0.4706	0.2000	0.3558
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.7778	0.0296	0.7605	0.7610	0.0916
linkage1%		0.9997	0.0003	0.9777	0.9544	0.2027
liver		0.7647	0.2353	0.7627	0.5090	0.6973
loan		0.9110	0.0890	0.9047	0.8068	0.3865
localization		0.7567	0.0442	0.5406	0.6916	0.4153

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
localization10%		0.6657	0.0608	0.3802	0.5722	0.4602
lrs		0.9057	0.0270	0.7431	0.8709	0.0833
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		0.5000	0.5000	0.6604	0.1818	0.4422
lung-cancer-michigan		0.7778	0.2222	0.7568	0.4000	0.5000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.8571	0.0952	0.8917	0.7358	0.2703
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.9362	0.0638	0.9352	0.8695	0.3227
madelon		0.5808	0.4192	0.5894	0.1615	0.8906
magic04		0.8532	0.1468	0.8375	0.6746	0.5716
malware		0.9730	0.0270	0.9599	0.9165	0.2605
mammography		0.8229	0.1771	0.8235	0.6458	0.6162
marketing		0.8438	0.1562	0.6355	0.2570	0.7163
maternal		0.7228	0.1848	0.7390	0.5848	0.4627
math		0.7500	0.1250	0.6730	0.6024	0.3525
mba		0.8258	0.1161	0.3791	0.0956	0.3684
mental-disorders		0.8333	0.0833	0.8654	0.7778	0.1572
mental-health		0.2100	0.3160	0.2075	0.0116	0.8615
messidor		0.6000	0.4000	0.5895	0.1786	0.9315
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		0.8889	0.0741	0.8730	0.8235	0.1114
meter-C		0.7222	0.1389	0.7582	0.6203	0.3648
meter-D		0.8333	0.0833	0.8904	0.7722	0.1154
mfeat-fac		0.9600	0.0080	0.9609	0.9556	0.0479
mfeat-fou		0.7750	0.0450	0.7742	0.7500	0.1929
mfeat-kar		0.9550	0.0090	0.9573	0.9500	0.0506
mfeat-mor		0.7300	0.0540	0.7317	0.7000	0.1908
mfeat-pix		0.9700	0.0060	0.9726	0.9667	0.0345
mfeat-zer		0.8350	0.0330	0.8322	0.8167	0.0995
mice-prot		0.9722	0.0069	0.9729	0.9682	0.0267
milk		0.9811	0.0126	0.9789	0.9711	0.0537
mines		0.5882	0.1647	0.5287	0.4843	0.3551
mobile		0.6224	0.0135	0.6443	0.6154	0.1625
monks-1		0.9455	0.0545	0.9458	0.8909	0.2790
monks-2		0.8689	0.1311	0.8521	0.6958	0.4955
monks-3		0.9107	0.0893	0.9178	0.8223	0.3018
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4789	0.0947	0.5029	0.3716	0.5591
musk		0.9561	0.0439	0.9125	0.8115	0.1733
MUT_ci300400a_cdk_ECFP2		0.7950	0.2050	0.7900	0.5799	0.6795
MUT_ci300400a_cdk_ECFP4		0.8024	0.1976	0.8004	0.5990	0.6601
MUT_ci300400a_cdk_ECFP6		0.7892	0.2108	0.7860	0.5709	0.6869
MUT_ci300400a_cdk_ESTATE		0.7446	0.2554	0.7411	0.4810	0.7587
MUT_ci300400a_cdk_EXTENDED		0.8189	0.1811	0.8188	0.6341	0.6231
MUT_ci300400a_cdk_FCFP2		0.7928	0.2072	0.7928	0.5819	0.6716
MUT_ci300400a_cdk_FCFP4		0.7830	0.2170	0.7846	0.5639	0.6838
MUT_ci300400a_cdk_FCFP6		0.8058	0.1942	0.8049	0.6070	0.6507
MUT_ci300400a_cdk_MACCS		0.8046	0.1954	0.8019	0.6025	0.6579
MUT_ci300400a_cdk_PUBCHEM		0.8204	0.1796	0.8189	0.6356	0.6245
MUT_ci300400a_cdk_STANDARD		0.8144	0.1856	0.8116	0.6220	0.6397
MUT_ci300400a_rdkit_descriptors		0.8283	0.1717	0.8270	0.6525	0.6089
myocardial		0.8294	0.0426	0.1137	0.0128	0.3171

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
naticusdroid			0.9643	0.0357	0.9646	0.9285	0.1990
NCI60			0.6667	0.1111	0.5714	0.6000	0.1060
nci9			0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%			0.8951	0.0110	0.3919	0.6993	0.4363
ncRNA10%			0.9185	0.0086	0.5736	0.7743	0.5277
neo			0.9100	0.0900	0.6667	0.2519	0.4950
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			0.9048	0.0952	0.8662	0.6957	0.5000
newspop			0.6398	0.3602	0.6374	0.2747	0.8916
NHANES_age_prediction			0.9339	0.0661	0.8703	0.7376	0.4157
nomao			0.9443	0.0557	0.9308	0.8608	0.3011
NPHA-doctor-visits			0.5278	0.3148	0.3517	0.1056	0.5701
nursery			0.9769	0.0116	0.8993	0.9658	0.0353
obesity			0.7962	0.0582	0.8181	0.7622	0.2207
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9927	0.0073	0.9898	0.9796	0.0886
Occupancy_Estimation			0.9862	0.0069	0.9570	0.9584	0.1146
oh0-wc			0.2277	0.1545	0.3337	0.1589	0.4153
oh10-wc			0.2095	0.1581	0.2507	0.1027	0.4517
oh15-wc			0.2717	0.1457	0.3604	0.2009	0.3987
oh5-wc			0.2857	0.1429	0.3519	0.2106	0.4306
ohscal-wc			0.2052	0.1590	0.2686	0.1122	0.5812
olive			0.9298	0.0156	0.9179	0.9130	0.0801
opn310k			0.9101	0.0899	0.6130	0.0592	0.3324
opn310k10%			0.9113	0.0887	0.5990	0.0661	0.3845
opnat310k-hg16-17			0.9096	0.0904	0.6059	0.0376	0.3024
optdigits			0.9751	0.0050	0.9757	0.9723	0.0374
optdigitsZ			0.9947	0.0053	0.9834	0.9668	0.0845
orl			0.9000	0.0050	0.8809	0.8974	0.0166
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			0.9200	0.0800	0.9158	0.8175	0.2404
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9091	0.0909	0.5308	0.0456	0.6418
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8247	0.1753	0.8048	0.6096	0.6406
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8492	0.1508	0.8610	0.7017	0.4784
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9634	0.0146	0.7512	0.7827	0.3475
parkinson			0.9000	0.1000	0.9027	0.7982	0.4119
parkinsons			0.7156	0.2844	0.6895	0.3747	0.8087
parkinsons-small			1.0000	0.0000	1.0000	1.0000	0.0000
particle			0.9009	0.0991	0.8764	0.7527	0.4732
particle10%			0.8800	0.1200	0.8517	0.7034	0.5363
pasture			0.5000	0.3333	0.5000	0.2000	0.3750
pc1			0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac			0.4639	0.5361	0.5841	0.0618	0.6247
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8289	0.1711	0.7848	0.5667	0.6615
pediatric-leukemia			0.2941	0.2017	0.3210	0.1622	0.5804
pendigits			0.9854	0.0029	0.9855	0.9838	0.0261
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.7784	0.2216	0.7730	0.5420	0.7028
personalities			0.9720	0.0035	0.9739	0.9701	0.0423
pet-adoption			0.8200	0.1800	0.7888	0.5663	0.6206
phishing			0.9388	0.0612	0.9357	0.8713	0.3146
PhiUSIIL10%			0.9953	0.0047	0.9953	0.9905	0.0323
phone-acc0.1%			0.6960	0.0869	0.6785	0.6441	0.3381
phone-acc1%			0.7948	0.0586	0.7841	0.7599	0.2478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
phone-gyr0.1%			0.7071	0.0837	0.6961	0.6572	0.3521
phone-gyr1%			0.8305	0.0484	0.8214	0.8017	0.2259
phoneme			0.8852	0.1148	0.8548	0.7069	0.5010
phy			0.6832	0.3168	0.6835	0.3661	0.8401
pima			0.7500	0.2500	0.7330	0.4612	0.7515
pirvision			0.9863	0.0091	0.9709	0.9571	0.1303
placement			0.7840	0.2160	0.7766	0.5519	0.6966
plant-growth			0.6842	0.3158	0.6841	0.3596	0.8222
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5376	0.1321	0.2108	0.1191	0.3106
poker10%			0.5405	0.1149	0.1892	0.1277	0.2949
polish-1st			0.9630	0.0370	0.6786	0.0689	0.1081
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.5990	0.0349	0.2385
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.6421	0.2273	0.5309
polya			0.7632	0.2368	0.7371	0.4725	0.7456
popularity			0.6409	0.2394	0.4131	0.1786	0.5862
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.9648	0.0141	0.9645	0.9560	0.0810
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6089	0.2059	0.8920
prestige			0.7778	0.1481	0.8497	0.6667	0.1944
primary-tumor			0.5455	0.0699	0.4043	0.4745	0.2078
processed			0.9447	0.0553	0.9362	0.8716	0.2913
profb			0.7164	0.2836	0.6679	0.3339	0.8243
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.9889	0.0044	0.9846	0.9851	0.0355
puc-rio10%			0.9759	0.0097	0.9670	0.9677	0.0789
pufs-1281%			0.4980	0.5020	0.4980	-0.0039	0.9924
pufs-641%			0.4979	0.5021	0.4977	-0.0044	0.9864
pufs-6410%			0.5015	0.4985	0.5015	0.0029	0.9976
pulsar			0.9848	0.0152	0.9537	0.9065	0.1679
raisin			0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc			0.5200	0.0738	0.5734	0.4191	0.2846
re1-wc			0.3795	0.0496	0.3666	0.3257	0.3469
rejafada			0.7387	0.2613	0.5120	0.0105	0.3013
relathe			0.8662	0.1338	0.8768	0.7242	0.3500
reuters21578			0.6181	0.0159	0.3343	0.3959	0.2653
rice			0.9852	0.0148	0.9850	0.9700	0.1000
rnaseq			0.9625	0.0150	0.9685	0.9507	0.0666
rocket			0.6430	0.3570	0.6334	0.2665	0.8882
RT_IOT2022			0.9951	0.0008	0.9559	0.9878	0.0264
satimage			0.9082	0.0306	0.8991	0.8866	0.1419
satimageF			0.9891	0.0109	0.9726	0.9449	0.1852
satimageT			0.9487	0.0513	0.8429	0.6595	0.3109
scadi			0.7143	0.1143	0.5455	0.6111	0.0986
schiller			0.6667	0.3333	0.4000	-0.1739	0.9159
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			0.8889	0.1111	0.8877	0.7731	0.4518
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9048	0.0635	0.9152	0.8571	0.1726
segment			0.9264	0.0210	0.9331	0.9139	0.0994
segmentation			0.8218	0.1782	0.8028	0.6042	0.6372
segmentO			0.9870	0.0130	0.9738	0.9463	0.0533
seismic			0.9341	0.0659	0.4830	0.0000	0.1661

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8605	0.1395	0.5709	0.0879	0.6168
sens-3-gram			0.8789	0.1211	0.6856	0.1312	0.2567
sens-4-gram			0.8579	0.1421	0.5509	0.0587	0.6232
sensorless			0.8299	0.0309	0.8305	0.8129	0.2035
sepsis			0.9094	0.0906	0.6567	0.0015	0.2086
shoppers			0.8759	0.1241	0.7157	0.3488	0.4808
shuttle			0.9981	0.0005	0.8067	0.9947	0.0764
sick			0.9469	0.0530	0.7480	0.4738	0.4921
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9997	0.0003	0.9996	0.9991	0.0048
skin10%			0.9996	0.0004	0.9994	0.9988	0.0031
smarket			0.8720	0.1280	0.8746	0.7431	0.4786
smart-farming			0.2200	0.3900	0.2187	-0.0428	0.8503
smk_can_187			0.6316	0.3684	0.6315	0.2486	0.8662
smoking			0.7488	0.2512	0.7198	0.4067	0.6985
soil_pollution			0.2100	0.3160	0.2080	0.0120	0.8697
solar-flare			0.7194	0.0935	0.6356	0.6392	0.2995
sonar			0.7500	0.2500	0.7513	0.5000	0.7429
soybean			0.9559	0.0046	0.9537	0.9518	0.0321
spam-detection			0.9510	0.0490	0.8485	0.6963	0.4574
spambase			0.8913	0.1087	0.8864	0.7727	0.4666
spect			0.8000	0.2000	0.6159	0.1935	0.7198
spectf			0.8000	0.2000	0.7515	0.3797	0.3716
spectrometer			0.3654	0.0470	0.3118	0.3212	0.2470
splice-EI			0.8896	0.1104	0.8466	0.6795	0.4515
splice-IE			0.8991	0.1009	0.8532	0.6953	0.4402
sport-articles			0.8800	0.1200	0.8731	0.7454	0.5037
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.2000	0.8333	0.6154	0.4644
startup			0.7742	0.2258	0.7466	0.4894	0.7240
steel_industry			0.8627	0.0915	0.8276	0.7752	0.2946
steel-b			0.8718	0.1282	0.7938	0.5801	0.5759
steel-d			0.9795	0.0205	0.8028	0.5899	0.3873
steel-k			0.9795	0.0205	0.9683	0.9347	0.0802
steel-o			0.7949	0.2051	0.7663	0.5223	0.6712
steel-p			0.9179	0.0821	0.6255	0.1729	0.5109
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9641	0.0359	0.8957	0.7910	0.3671
stellar			0.9119	0.0587	0.9012	0.8418	0.2542
stock			0.8472	0.1528	0.7195	0.4327	0.6767
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8420	0.1580	0.8425	0.6831	0.5749
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5950	0.1620	0.3207	0.3269	0.4285
student-depression			0.8147	0.1853	0.8081	0.6157	0.6414
student-habits			0.3200	0.2720	0.2032	-0.0655	0.5798
student-weekend			0.3385	0.2646	0.2922	0.0349	0.6786
student-workday			0.6719	0.1313	0.2202	0.0132	0.4369
studentap			0.6923	0.2051	0.7049	0.5094	0.4475
susy1%			0.7888	0.2112	0.7870	0.5710	0.6782
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4000	0.4000	0.4000	0.1000	0.7047
telco-churn			0.8892	0.1108	0.8522	0.6963	0.4700
texture			0.9800	0.0036	0.9815	0.9779	0.0287

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
theorem			0.9591	0.0409	0.9583	0.9151	0.2038
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.4682	0.5318	0.6008	0.1283	0.6416
tis10%			0.4328	0.5672	0.6222	0.1294	0.5371
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.3750	0.2500	0.2400	0.1489	0.3773
tox_171			0.7647	0.1176	0.7873	0.6852	0.2403
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.6193	0.2326	0.8185
trec11-wc			0.4634	0.1192	0.4596	0.3740	0.3115
trec12-wc			0.4194	0.1452	0.2987	0.2228	0.3648
trec21-wc			0.7273	0.1091	0.2895	0.1490	0.2108
trec23-wc			0.4286	0.1905	0.2975	0.2270	0.3277
trec31-wc			0.5914	0.1362	0.6055	0.3893	0.2557
trec41-wc			0.4318	0.1136	0.3299	0.3457	0.3476
trec45-wc			0.4203	0.1159	0.3251	0.2966	0.3574
tuandromd			0.9818	0.0182	0.9715	0.9427	0.1915
turkish			0.7250	0.1375	0.7260	0.6333	0.3099
tvnews			0.9269	0.0731	0.9223	0.8440	0.3668
tvnews1%			0.8769	0.1231	0.8692	0.7380	0.5122
tvnews10%			0.8751	0.1249	0.8669	0.7335	0.5173
ur3_cobotops_grip			0.9741	0.0259	0.7527	0.4744	0.4158
ur3_cobotops_stop			0.9728	0.0272	0.7757	0.5322	0.4257
urban			0.7463	0.0564	0.7576	0.7028	0.1963
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%			0.0228	0.9772	0.5058	0.0003	0.0280
vehicle			0.7262	0.1369	0.6933	0.6323	0.2785
vehicleVAN			0.9405	0.0595	0.9260	0.8485	0.3668
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8372	0.1628	0.8576	0.6767	0.4011
vowel			0.3838	0.1120	0.5331	0.3222	0.3122
vowelZ			0.5253	0.4747	0.6501	0.1426	0.3382
vrnormat310k-hg16-17			0.9176	0.0824	0.6792	0.2835	0.4870
wap-wc			0.2949	0.0705	0.3009	0.2530	0.3349
warpar10p			0.3846	0.1231	0.2545	0.3113	0.2051
warppie10p			0.9048	0.0190	0.9083	0.8939	0.0438
watch-acc1%			0.8037	0.0561	0.8010	0.7703	0.2509
watch-acc10%			0.8719	0.0366	0.8699	0.8502	0.1746
watch-gyr1%			0.7470	0.0723	0.7459	0.7045	0.3246
watch-gyr10%			0.8225	0.0507	0.8208	0.7926	0.2383
water_pollution			0.2600	0.3700	0.2590	0.0128	0.8366
waveform			0.7640	0.1573	0.7660	0.6461	0.4728
weather-related			0.9500	0.0091	0.9517	0.9434	0.0805
web-phishing			0.8222	0.1185	0.7136	0.6771	0.4037
Weekly			0.9630	0.0370	0.9641	0.9256	0.1858
weight-lift			0.9865	0.0054	0.9863	0.9829	0.0373
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9800	0.0100	0.9800	0.9733	0.0510
wilt			0.9814	0.0186	0.8962	0.7903	0.3078
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5975	0.1342	0.2930	0.3356	0.3853
winequality-white			0.6237	0.1254	0.3673	0.4049	0.5418
winnipeg10%			0.9880	0.0034	0.9742	0.9849	0.0629
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yale			0.6250	0.0500	0.5919	0.5983	0.1012
yeast			0.5338	0.1036	0.4173	0.3938	0.3881
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.6146	0.2292	0.5992
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053
zip			0.9516	0.0097	0.9487	0.9458	0.0795

Table 192: Detailed results for RLDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.3445	0.6555	0.5761	0.0073	0.0306
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9797	0.0203	0.5237	0.0247	0.4494
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8378	0.1622	0.7542	0.4856	0.6106
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7810	0.2190	0.4948	-0.0075	0.7914
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8706	0.1294	0.8679	0.7354	0.5120
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.8419	0.1581	0.8239	0.6456	0.5899
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.0917	0.2019	0.0846	-0.0270	0.7828
apple-quality		0.6825	0.3175	0.6873	0.3650	0.8180
aps-failure		0.0180	0.9820	0.0177	0.0000	0.0502
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.3590	0.6410	0.2642	-0.0779	0.7638
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8871	0.0753	0.6114	0.7877	0.2090
bank		0.9080	0.0920	0.7493	0.4935	0.5936
banknote		0.9781	0.0219	0.9779	0.9557	0.1446
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8917	0.1083	0.8844	0.7521	0.3633
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9938	0.0062	0.8188	0.6369	0.4389
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.9091	0.0909	0.9141	0.8136	0.2846
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.2727	0.2424	0.0714	0.0000	0.3750
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8391	0.0805	0.5721	0.6558	0.3285
car-insurance		0.6550	0.3450	0.5065	0.0091	0.8588
card		0.8696	0.1304	0.8695	0.7361	0.5115
cardiotocography		0.6479	0.0704	0.5416	0.5810	0.3698
cardiotocography-nsp		0.1361	0.5759	0.0799	0.0000	0.2637
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.6726	0.2183	0.6718	0.5092	0.3389
cars		0.7250	0.1833	0.6856	0.5469	0.4892
cas_N6512_cdk_ECFP2		0.7573	0.2427	0.7551	0.5092	0.7377
cas_N6512_rdkit_ATOMPAIR		0.7138	0.2862	0.7112	0.4215	0.8027
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.7554	0.2446	0.7539	0.5077	0.7428
cas_N6512_rdkit_FEATMORGAN		0.7404	0.2596	0.7386	0.4772	0.7660
cas_N6512_RDkit_Featmorgan_FP		0.7653	0.2347	0.7634	0.5262	0.7255
cas_N6512_RDkit_FP		0.7055	0.2945	0.7027	0.4045	0.8137
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.7558	0.2442	0.7536	0.5045	0.7358
cas_N6512_RDkit_MACCS_FP		0.7531	0.2469	0.7518	0.5036	0.7463
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.7877	0.2123	0.7865	0.5731	0.6883
cas_N6512_RDkit_pattern_FP		0.7684	0.2316	0.7672	0.5344	0.7215
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.7277	0.2723	0.7255	0.4507	0.7843
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9711	0.0289	0.8033	0.5894	0.3951
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9453	0.0547	0.6099	0.1892	0.5754
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9445	0.0555	0.7443	0.4881	0.5765
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.0783	0.9217	0.0726	0.0000	0.1935
churn		0.8090	0.1910	0.6360	0.1926	0.6216
churn-bigml		0.8689	0.1311	0.6819	0.3236	0.6117
ci900367j_MACCS		0.7579	0.2421	0.7352	0.4593	0.7287
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.3810	0.4127	0.1839	0.0000	0.3169
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7593	0.1204	0.4992	0.6010	0.2826
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.8400	0.1600	0.4565	-0.0811	0.7590
cmc		0.4966	0.3356	0.4500	0.1744	0.7093
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.8701	0.1299	0.8363	0.6726	0.5658
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.6552	0.3448	0.6546	0.3062	0.8632
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.4138	0.5862	0.4114	-0.1546	1.0000
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.6731	0.3269	0.6731	0.3458	0.8534
coupon		0.6711	0.3289	0.6663	0.3324	0.8576
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.6819	0.0909	0.5323	0.4951	0.5187
covtypeCD		0.9259	0.0741	0.8264	0.6302	0.3996

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9247	0.0753	0.7122	0.4244	0.6233
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.7853	0.0716	0.6833	0.6070	0.4613
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.1635	-0.0118	0.8686
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7013	0.2987	0.5635	0.1269	0.8550
defect		0.8858	0.1142	0.7564	0.4416	0.4305
dementia		0.4800	0.5200	0.3243	0.0000	0.5302
deposit		0.8987	0.1013	0.7218	0.4314	0.6071
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.2973	0.2342	0.0764	0.0000	0.3667
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8654	0.1346	0.8804	0.7331	0.4092
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.0000	1.0000	0.0000	-0.9459	0.9799
diamonds		0.9667	0.0167	0.9601	0.9538	0.0537
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5699	0.4301	0.5662	0.1313	0.9522
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.3228	0.4515	0.1627	0.0000	0.3888
drug-01		0.3617	0.1824	0.2196	0.0580	0.7252
drug-02		0.4202	0.1657	0.2116	0.1628	0.7418
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5160	0.1383	0.1454	0.0680	0.4196
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2766	0.2067	0.1905	0.1133	0.7066
drug-07		0.3617	0.2128	0.0885	0.0000	0.2699
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.5053	0.1413	0.1802	0.1384	0.4752
drug-16		0.5213	0.1596	0.3079	0.2685	0.6321
drug-17		0.2766	0.2067	0.2126	0.0546	0.6996
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.8472	0.0437	0.8755	0.8141	0.1914
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce		0.2800	0.3600	0.2816	0.0394	0.8370
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6402	0.3598	0.6369	0.2738	0.8911
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.9146	0.0854	0.6947	0.3084	0.4637
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8169	0.1831	0.8372	0.6391	0.4940
fakenews		0.5525	0.4475	0.5525	0.1050	0.9665
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9216	0.0784	0.9251	0.8391	0.2605
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.2500	0.2500	0.0667	0.0000	0.3665
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8269	0.0865	0.8385	0.7605	0.1996
gas		0.9022	0.0326	0.9041	0.8815	0.1831
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.8864	0.0757	0.8776	0.8199	0.2965
german		0.7500	0.2500	0.7146	0.3719	0.6479
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.3810	0.2063	0.0920	0.0000	0.3180
glass-g2		0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP		0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP		0.3333	0.6667	0.2500	0.0000	0.5000
glassContainers		0.0909	0.9091	0.0833	0.0000	0.2192
glassNW		0.8571	0.1429	0.7955	0.5039	0.3038
glassTableware		0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP		0.0476	0.9524	0.0455	0.0000	0.1250
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.5833	0.4167	0.3684	0.0000	0.5068
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.6333	0.3667	0.5836	0.1624	0.8583
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.6295	0.1482	0.6207	0.5317	0.5094
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.6310	0.1054	0.4219	0.4800	0.3315

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har7010%		0.6579	0.0978	0.4456	0.5088	0.3849
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6145	0.0643	0.2822	0.4784	0.4214
harth10%		0.6294	0.0618	0.2959	0.4968	0.4062
hayes-roth		0.6250	0.2500	0.6633	0.4320	0.5153
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7713	0.5120	0.6272
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure		0.6700	0.3300	0.6679	0.3198	0.8035
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%		0.7869	0.2131	0.7874	0.5739	0.6854
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%		0.6136	0.3864	0.6097	0.2129	0.9033
higgs1%		0.5972	0.4028	0.5924	0.1804	0.9230
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.9106	0.0894	0.8303	0.6523	0.4782
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.4879	0.3414	0.4977	0.2258	0.6939
htru2		0.9151	0.0849	0.7629	0.5238	0.6117
hypothyroid		0.0186	0.4907	0.0235	-0.0040	0.1927
hypothyroidT		0.0769	0.9231	0.0714	0.0000	0.1906
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.5556	0.4444	0.3571	-0.2857	0.9011
instagram		0.8920	0.0540	0.9019	0.8560	0.1743
ionosphere		0.3143	0.6857	0.2391	0.0000	0.4897
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.0000	1.0000	0.0000	-0.9716	0.9896
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8090	0.1910	0.6204	0.1943	0.6940
jvowels		0.8976	0.0228	0.8954	0.8841	0.1419
kc1		0.6161	0.3839	0.5853	0.1334	0.6630
kc1-class-level-defectiveornot		0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.7500	0.2500	0.6376	0.2747	0.8005
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2806	0.0799	0.2020	0.1827	0.5569
krvskp		0.9436	0.0564	0.9439	0.8871	0.2872
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.0294	0.0844	0.0025	0.0000	0.4116
led24		0.0500	0.2111	0.0106	0.0000	0.4127
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.0833	0.1222	0.0103	0.0000	0.4070
linkage1%		0.9972	0.0028	0.8617	0.7024	0.5071
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7647	0.2353	0.7202	0.4357	0.7504
loan		0.8899	0.1101	0.8818	0.7625	0.4637
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.0943	0.2588	0.0246	0.0000	0.3411
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.5556	0.4444	0.5500	0.1000	0.9644
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.8723	0.1277	0.8819	0.7465	0.4414
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.6933	0.3067	0.6675	0.3347	0.8397
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8333	0.1667	0.8334	0.6662	0.5966
marketing		0.8884	0.1116	0.7389	0.3971	0.4354
maternal		0.6040	0.2640	0.6079	0.3854	0.5671
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.8339	0.1108	0.3755	0.0552	0.3092
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1833	0.3267	0.1757	-0.0181	0.8270
messidor		0.4348	0.5652	0.3030	0.0000	0.5294
meter-A		0.3750	0.6250	0.2727	0.0000	0.5170
meter-B		0.2222	0.5185	0.1212	0.0000	0.4199
meter-C		0.3333	0.3333	0.1250	0.0000	0.3773
meter-D		0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.7650	0.0470	0.7646	0.7389	0.2232
mfeat-kar		0.9700	0.0060	0.9706	0.9667	0.0380
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.7350	0.0530	0.7444	0.7056	0.2329
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.2358	0.5094	0.1272	0.0000	0.4229
mines		0.4706	0.2118	0.4811	0.3333	0.4609
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.5091	0.4909	0.5069	0.0133	0.9850
monks-2		0.6885	0.3115	0.6310	0.2508	0.8460
monks-3		0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.8455	0.1545	0.4581	0.0000	0.2996

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP2		0.8165	0.1835	0.8099	0.6176	0.6314
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7182	0.2818	0.7074	0.4137	0.8016
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.7602	0.2398	0.7503	0.4962	0.7306
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.7632	0.2368	0.7563	0.5118	0.7327
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9485	0.0515	0.9491	0.8970	0.2600
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.5293	0.4707	0.4927	-0.0028	0.6723
NHANES_age_prediction		0.8414	0.1586	0.4569	0.0000	0.3047
nomao		0.9359	0.0641	0.9218	0.8435	0.3592
NPHA-doctor-visits		0.2917	0.4722	0.1505	0.0000	0.3860
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.8531	0.0420	0.8501	0.8286	0.1655
obs		0.7963	0.1019	0.8499	0.6850	0.1982
occupancy		0.8405	0.1595	0.7645	0.5259	0.6533
Occupancy_Estimation		0.8490	0.0755	0.5452	0.5809	0.2523
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.9298	0.0156	0.9150	0.9129	0.0409
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9520	0.0096	0.9545	0.9466	0.0656
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.7971	0.0812	0.4720	0.3095	0.6018
parkinson		0.8250	0.1750	0.8285	0.6147	0.4536
parkinsons		0.7820	0.2180	0.7636	0.5230	0.7015
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pcos			0.8000	0.2000	0.4444	0.0000	0.3522
pd			0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.8235	0.0353	0.8281	0.8038	0.1735
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.8800	0.1200	0.8616	0.7200	0.4933
phishing			0.9388	0.0612	0.9357	0.8713	0.3146
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.6715	0.0939	0.6270	0.6146	0.2893
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.3690	0.1803	0.3105	0.2598	0.3461
phone-gyr1%			0.6521	0.0994	0.6017	0.5918	0.2927
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7593	0.2407	0.7328	0.4566	0.7374
phy			0.7050	0.2950	0.7050	0.4100	0.8145
pima			0.6842	0.3158	0.6565	0.2985	0.8279
pirvision			0.9686	0.0209	0.9446	0.9002	0.1534
placement			0.7520	0.2480	0.7520	0.5005	0.7398
plant-growth			0.8947	0.1053	0.8944	0.7889	0.4478
plrx			0.6111	0.3889	0.4834	-0.0328	0.9365
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd			0.9597	0.0403	0.5715	0.0413	0.3170
polish-3rd			0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th			0.7949	0.2051	0.6074	0.1456	0.4572
polish-5th			0.9306	0.0694	0.6122	0.1119	0.4175
polya			0.7232	0.2768	0.6823	0.3462	0.7793
popularity			0.6585	0.2277	0.4321	0.1660	0.5089
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.7835	0.0866	0.7854	0.7295	0.3062
pred-tox_mutagen_ref-desc			0.7647	0.2353	0.7652	0.5294	0.7238
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.1818	0.1259	0.0237	0.0000	0.3708
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.8060	0.1940	0.7703	0.5212	0.6318
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.8135	0.0746	0.7418	0.7457	0.2425
puc-rio10%			0.8171	0.0731	0.7314	0.7509	0.2352
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.4913	0.5088	0.4913	-0.0175	1.0000
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9170	0.0830	0.7357	0.4690	0.6044
raisin			0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9247	0.0753	0.9262	0.8461	0.3012
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6067	0.3933	0.5629	0.0994	0.8603

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8009	0.0664	0.7691	0.7549	0.2562
satimageF			0.9751	0.0249	0.9331	0.8594	0.1365
satimageT			0.8880	0.1120	0.4703	-0.0200	0.5530
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.5588	0.4412	0.5598	0.1176	0.9547
sclerosis			0.9630	0.0370	0.9635	0.9244	0.1598
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.8571	0.0952	0.8780	0.7857	0.2113
segment			0.9177	0.0235	0.9271	0.9038	0.0834
segmentation			0.8069	0.1931	0.8005	0.5955	0.6532
segmentO			0.9697	0.0303	0.9390	0.8778	0.2677
seismic			0.9302	0.0698	0.5751	0.0819	0.4920
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8553	0.1447	0.5439	0.0534	0.6462
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.7986	0.0366	0.8078	0.7785	0.1822
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8775	0.1225	0.7206	0.3611	0.4775
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9363	0.0637	0.6634	0.2684	0.5068
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9374	0.0626	0.9208	0.8289	0.3840
skin10%			0.9400	0.0600	0.9235	0.8352	0.3768
smarket			0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2033	0.3187	0.2036	0.0028	0.8593
solar-flare			0.7194	0.0935	0.6529	0.6387	0.2807
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.7543	0.2457	0.7597	0.4271	0.4860
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.7429	0.2571	0.6758	0.3505	0.8017
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.9401	0.0599	0.9246	0.8469	0.3680
splice-IE			0.8927	0.1073	0.8459	0.6888	0.5037
sport-articles			0.6300	0.3700	0.5342	0.0139	0.6187
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			0.6559	0.3441	0.6346	0.0388	0.4732
steel_industry			0.7477	0.1682	0.6979	0.5931	0.4727
steel-b			0.8256	0.1744	0.6977	0.3605	0.6518
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9692	0.0308	0.9520	0.9020	0.1773
steel-o			0.7538	0.2462	0.7201	0.3772	0.6260
steel-p			0.9333	0.0667	0.7373	0.4474	0.5093
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9538	0.0462	0.8720	0.7436	0.4535
stellar			0.8706	0.0863	0.8567	0.7661	0.3180

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stock			0.8333	0.1667	0.6696	0.3132	0.6852
stockb			0.9031	0.0646	0.9076	0.8547	0.1728
streaming			0.7980	0.2020	0.7952	0.5900	0.6695
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.8344	0.1656	0.8281	0.6538	0.5923
student-habits			0.3700	0.2520	0.1707	-0.0029	0.4751
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.7602	0.2398	0.7641	0.5228	0.7183
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.5882	0.4118	0.5662	0.1314	0.9243
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9776	0.0224	0.9659	0.9315	0.2128
turkish			0.8000	0.1000	0.8015	0.7333	0.2378
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9254	0.8507	0.3453
tvnews10%			0.8936	0.1064	0.8844	0.7669	0.4496
ur3_cobotops_grip			0.8707	0.1293	0.5455	0.0648	0.4240
ur3_cobotops_stop			0.6925	0.3075	0.4799	-0.0157	0.2856
urban			0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.6667	0.1667	0.6664	0.5586	0.3883
vehicleVAN			0.9643	0.0357	0.9519	0.9032	0.2250
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.4884	0.5116	0.3281	0.0000	0.5296
vowel			0.6667	0.0606	0.6561	0.6333	0.1571
vowelZ			0.8990	0.1010	0.8278	0.5926	0.5305
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.5589	0.1260	0.5450	0.4825	0.4887

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.4563	0.1553	0.4463	0.3643	0.5563
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2667	0.3667	0.2687	0.0238	0.8445
waveform			0.8500	0.1000	0.8501	0.7750	0.3511
weather-related			0.9308	0.0126	0.9365	0.9213	0.0785
web-phishing			0.7556	0.1630	0.5192	0.5352	0.3846
Weekly			0.9167	0.0833	0.9203	0.8280	0.2680
weight-lift			0.9177	0.0329	0.9143	0.8958	0.1410
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.8447	0.1553	0.7318	0.3265	0.4454
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white			0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg			0.9836	0.0047	0.9747	0.9792	0.0492
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9298	0.0702	0.9268	0.8430	0.2236
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.5946	0.0811	0.5865	0.5468	0.4578

Table 193: Detailed results for RLR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1880	0.0773	0.1326	0.0993	0.4730
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9809	0.0191	0.5392	0.0284	0.3504
accident		0.6000	0.4000	0.6000	0.2000	0.9288
ads		0.9756	0.0244	0.9482	0.8909	0.0862
adult		0.8475	0.1525	0.7763	0.5463	0.6244
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8492	0.1508	0.5066	0.0132	0.7200
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8498	0.1502	0.7809	0.5456	0.5854
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7619	0.0952	0.3247	0.4040	0.2446
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8465	0.1535	0.8300	0.6591	0.5847
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family		0.9360	0.0320	0.6856	0.8756	0.1590
anuran-genus		0.9527	0.0118	0.8812	0.9213	0.1621
anuran-species		0.9583	0.0083	0.9116	0.9418	0.0758
anxiety		0.0917	0.2019	0.0930	-0.0232	0.8201
apple-quality		0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia		0.7333	0.0533	0.5019	0.5341	0.2340
auction		0.8971	0.1029	0.7211	0.3859	0.5057

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.6234	0.0645	0.5283
autos		0.7500	0.0833	0.6471	0.6667	0.2318
avila		0.5347	0.0775	0.3905	0.2888	0.3272
babies		0.4274	0.1636	0.1390	0.0906	0.4445
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.9080	0.0920	0.7341	0.4490	0.5667
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.9799	0.0201	0.9799	0.9598	0.1334
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8762	0.1238	0.8682	0.7362	0.5083
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.5896	0.2052	0.5791	0.4527	0.5222
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8448	0.0776	0.6089	0.6665	0.3553
car-insurance		0.8340	0.1660	0.8034	0.6058	0.6273
card		0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography		0.7981	0.0404	0.7624	0.7554	0.1988
cardiotocography-nsp		0.8967	0.0689	0.8174	0.7108	0.2998
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6268	0.5084	0.5449
cas_N6512_cdk_ECFP2		0.7481	0.2519	0.7460	0.4916	0.7538
cas_N6512_rdkit_ATOMPAIR		0.7169	0.2831	0.7144	0.4283	0.7990
cas_N6512_RDkit_AtomPair_FP		0.7592	0.2408	0.7572	0.5120	0.7309
cas_N6512_rdkit_AVALON		0.7834	0.2166	0.7822	0.5645	0.6959
cas_N6512_RDkit_Avalon_FP		0.8021	0.1979	0.8014	0.6026	0.6612
cas_N6512_rdkit_descriptors		0.7538	0.2462	0.7526	0.5052	0.7450
cas_N6512_rdkit_FEATMORGAN		0.7512	0.2488	0.7493	0.4985	0.7495
cas_N6512_RDkit_Featmorgan_FP		0.7607	0.2393	0.7590	0.5180	0.7341
cas_N6512_RDkit_FP		0.7224	0.2776	0.7200	0.4395	0.7915
cas_N6512_rdkit_LAYERED		0.7785	0.2215	0.7780	0.5556	0.7032
cas_N6512_RDkit_Layered_FP		0.7653	0.2347	0.7635	0.5267	0.7261
cas_N6512_rdkit_MACCS		0.7296	0.2704	0.7320	0.4436	0.7305
cas_N6512_RDkit_MACCS_FP		0.7377	0.2623	0.7366	0.4649	0.7500
cas_N6512_rdkit_MORGAN		0.7477	0.2523	0.7455	0.4904	0.7537

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.7623	0.2377	0.7607	0.5214	0.7317
cas_N6512_rdkit_PATTERN		0.7785	0.2215	0.7777	0.5551	0.7039
cas_N6512_RDkit_pattern_FP		0.7837	0.2163	0.7834	0.5663	0.6938
cas_N6512_rdkit_RDKITFP		0.7481	0.2519	0.7469	0.4938	0.7539
cas_N6512_rdkit_TORSION		0.7323	0.2677	0.7303	0.4604	0.7778
ccds1%		0.9615	0.0385	0.6177	0.1165	0.3554
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9468	0.0532	0.5422	0.0403	0.4723
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.1667	0.8333	0.1429	-0.6667	0.9586
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8080	0.1920	0.6372	0.2139	0.6601
churn-bigml		0.8764	0.1236	0.6982	0.3253	0.5256
ci900367j_MACCS		0.6737	0.3263	0.6417	0.2794	0.8631
circles		0.9760	0.0005	0.9786	0.9758	0.0084
cirrhosis		0.7857	0.1429	0.5337	0.5685	0.3575
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7713	0.1144	0.4960	0.6246	0.2973
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4762	0.3492	0.4426	0.1653	0.7587
cnae-9		0.9630	0.0082	0.9649	0.9583	0.0420
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.6800	0.0427	0.5852	0.6440	0.1456
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5172	0.4828	0.4025	-0.1802	1.0000
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7668	0.2332	0.7670	0.5338	0.7221
coupon		0.6822	0.3178	0.6727	0.3439	0.8459
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9458	0.0542	0.8807	0.7598	0.3959
covtypeT		0.9418	0.0582	0.7380	0.4572	0.5199

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8802	0.0399	0.6504	0.7439	0.2874
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.3750	0.0391	0.3128	0.3548	0.1218
customer-churn		0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity		0.1500	0.2833	0.1534	-0.0232	0.8558
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7222	0.2778	0.7276	0.4475	0.7689
darwin		0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8147	0.1853	0.6859	0.3008	0.5989
defect		0.8827	0.1173	0.7477	0.4323	0.4691
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9013	0.0987	0.7198	0.4152	0.5756
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.7500	0.1667	0.7690	0.6098	0.3265
DIA		0.7167	0.2833	0.5964	0.1905	0.8509
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5882	0.2745	0.3769	0.1781	0.4768
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.6494	0.1402	0.5384	0.4842	0.4177
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.5833	0.4167	0.5845	0.1667	0.9267
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.6245	0.1244	0.2625
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5699	0.4301	0.5664	0.1320	0.9528
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7652	0.1565	0.6778	0.6011	0.4577
drug-01		0.4202	0.1657	0.1676	0.0827	0.5155
drug-02		0.5106	0.1398	0.1741	0.1021	0.5256
drug-03		0.6862	0.0897	0.1379	0.0578	0.2999
drug-04		0.5213	0.1368	0.2076	0.0788	0.4360
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.2178	0.2469	0.4862
drug-07		0.4468	0.1581	0.1334	0.0507	0.3516
drug-08		0.5638	0.1246	0.2096	0.1267	0.4212
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5638	0.1246	0.2231	0.1516	0.3481
drug-11		0.8511	0.0426	0.1317	0.0277	0.1222
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1718	0.2228	0.3713
drug-14		0.6064	0.1125	0.2898	0.2618	0.3908

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
drug-15			0.7447	0.0729	0.1231	0.0221	0.2863
drug-16			0.6011	0.1140	0.2503	0.3219	0.3849
drug-17			0.3723	0.1793	0.1790	0.1241	0.4899
drug-18			0.9947	0.0021	0.1995	0.0000	0.0076
drug-19			0.7553	0.0699	0.1229	-0.0198	0.2767
drybean			0.9199	0.0229	0.9334	0.9031	0.1270
ecoli			0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM			1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM			0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU			0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM			0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce			0.2400	0.3800	0.2422	-0.0132	0.8630
eeg			0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye			0.5975	0.4025	0.5843	0.1550	0.9015
eeg10%			0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing			0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus			0.6027	0.1589	0.5675	0.4845	0.3968
euthyroid			0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq			0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%			0.8896	0.1104	0.8905	0.7794	0.4553
fakenews			0.5425	0.4575	0.5422	0.0843	0.9730
farm-ads			0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc			0.8537	0.0172	0.8403	0.8332	0.1031
fertility			0.9000	0.1000	0.4737	0.0000	0.2236
finance			0.9608	0.0392	0.9616	0.9202	0.1675
financial-risk			0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch			0.9375	0.0208	0.9436	0.9196	0.0414
flags			0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%			0.0012	0.0131	0.0000	0.0000	0.3539
forest			0.9423	0.0288	0.9333	0.9202	0.0859
gas			0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal			0.6250	0.2500	0.5906	0.3962	0.5975
gender			0.6021	0.2653	0.3807	0.1449	0.5100
gene			0.9211	0.0526	0.9100	0.8738	0.2162
german			0.7500	0.2500	0.7121	0.3812	0.6824
gestures			0.2491	0.3754	0.0997	0.0000	0.4043
gina			0.4899	0.5101	0.3288	0.0000	0.5294
gisette			0.9686	0.0314	0.9686	0.9371	0.1875
glass			0.6667	0.1111	0.6644	0.5196	0.2537
glass-g2			0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP			0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP			0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers			0.9091	0.0909	0.4762	0.0000	0.2092
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP			0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM			0.7368	0.2632	0.7389	0.4751	0.7624
gli_85			0.2500	0.7500	0.2000	0.0000	0.4422
glioma			0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade			0.9048	0.0952	0.9055	0.8072	0.4121
green			0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage			0.4000	0.3000	0.2519	0.1456	0.5114
gsalc			1.0000	0.0000	1.0000	1.0000	0.0000
haberman			0.7333	0.2667	0.5793	0.1045	0.7293
hapt			0.0073	0.1654	0.0012	0.0000	0.3596
har			0.7375	0.1050	0.7267	0.6666	0.4054
har70			0.0899	0.2600	0.0236	0.0000	0.3023
har701%			0.7650	0.0671	0.4270	0.6207	0.1805

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.5882	0.4118	0.5662	0.1314	0.9439
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6600	0.3400	0.6573	0.3120	0.8652
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1741	0.1139	0.3075
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9275	0.0725	0.8693	0.7383	0.4556
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.6667	0.2222	0.6246	0.4293	0.5730
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9469	0.0265	0.5951	0.5901	0.1388
hypothyroidT		0.9708	0.0292	0.8890	0.7513	0.0934
ilpd		0.7288	0.2712	0.6138	0.1243	0.6306
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9447	0.0277	0.9452	0.9262	0.1097
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8127	0.1873	0.6156	0.1360	0.5891
jvowels		0.9378	0.0138	0.9334	0.9294	0.0956
kc1		0.8720	0.1280	0.7108	0.3665	0.5495
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.6923	0.1231	0.3778	0.3810	0.2608
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6751	0.3350	0.7254
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2827	0.0797	0.2221	0.1791	0.5278
krvskp		0.9781	0.0219	0.9781	0.9561	0.1413
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.8235	0.0153	0.8438	0.8147	0.0451
led24		0.7500	0.0500	0.7075	0.7183	0.0988
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7140	0.0220	0.7125	0.7025	0.2720
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8056	0.0259	0.8359	0.7912	0.0942
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9204	0.0796	0.9149	0.8297	0.3786
localization		0.0316	0.1761	0.0056	0.0000	0.3471
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8679	0.0377	0.5476	0.8172	0.0744
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5615	0.4385	0.5620	0.1231	0.9564
magic04		0.7796	0.2204	0.7498	0.4919	0.7068
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.9018	0.0982	0.7768	0.5110	0.4530
maternal		0.6238	0.2508	0.6298	0.4189	0.5498
math		0.7250	0.1375	0.5762	0.5538	0.2849
mba		0.8290	0.1140	0.3506	0.0214	0.3224
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2433	0.3027	0.2451	0.0536	0.8368
messidor		0.7304	0.2696	0.7319	0.4603	0.7703
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.8730	0.8448	0.1217
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.9850	0.0030	0.9854	0.9833	0.0190
mfeat-fou		0.8350	0.0330	0.8394	0.8167	0.1498
mfeat-kar		0.9600	0.0080	0.9607	0.9556	0.0501
mfeat-mor		0.7200	0.0560	0.7196	0.6889	0.2125
mfeat-pix		0.9650	0.0070	0.9665	0.9611	0.0386
mfeat-zer		0.8150	0.0370	0.8190	0.7944	0.1001
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8868	0.0755	0.8903	0.8293	0.2463
mines		0.5294	0.1882	0.4915	0.4081	0.4161
mobile		0.7727	0.0081	0.7866	0.7686	0.1042
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4839	0.0938	0.4814	0.3710	0.5362
musk		0.9409	0.0591	0.8798	0.7394	0.2589

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP2		0.8082	0.1918	0.8012	0.6006	0.6499
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7170	0.2830	0.7081	0.4162	0.8039
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.7530	0.2470	0.7437	0.4705	0.7113
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.7870	0.2130	0.7810	0.5614	0.6919
myocardial		0.8824	0.0294	0.2939	0.4010	0.0956
naticusdroid		0.9632	0.0368	0.9632	0.9264	0.2109
NCI60		0.6667	0.1111	0.6222	0.6000	0.1039
nci9		1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6468	0.3532	0.6441	0.2875	0.8835
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9428	0.0572	0.9298	0.8597	0.3279
NPHA-doctor-visits		0.5000	0.3333	0.2849	-0.0302	0.5269
nursery		0.9159	0.0336	0.5569	0.8754	0.1253
obesity		0.7441	0.0731	0.7375	0.7011	0.2639
obs		0.7963	0.1019	0.8333	0.6946	0.2550
occupancy		0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation		0.9911	0.0044	0.9707	0.9730	0.0307
oh0-wc		0.9109	0.0178	0.9189	0.8979	0.0724
oh10-wc		0.7524	0.0495	0.7195	0.7177	0.2427
oh15-wc		0.7826	0.0435	0.7605	0.7534	0.2145
oh5-wc		0.7912	0.0418	0.7933	0.7641	0.2017
olive		0.9474	0.0117	0.9345	0.9347	0.0365
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9142	0.0858	0.6706	0.0573	0.2012
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9573	0.0085	0.9592	0.9525	0.0604
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9684	0.0316	0.7102	0.1943	0.0960
ozone8hr		0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8505	0.1495	0.8329	0.6658	0.5840
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8654	0.7299	0.5231
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9616	0.0154	0.6895	0.7603	0.2773
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.8104	0.1896	0.8049	0.6069	0.6490
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.8892	0.1108	0.8605	0.7201	0.5016
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4639	0.5361	0.4546	-0.0907	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia			0.7941	0.0588	0.7575	0.7489	0.1976
pendigits			0.9363	0.0127	0.9358	0.9292	0.0962
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.5556	0.4444	0.3571	-0.2000	0.9762
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9100	0.0900	0.8992	0.7831	0.3023
phishing			0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7741	0.2259	0.7114	0.4208	0.7550
phy			0.7072	0.2928	0.7072	0.4143	0.8116
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.9895	0.0070	0.9818	0.9669	0.0722
placement			0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth			0.8947	0.1053	0.8944	0.7889	0.4478
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4927	0.1449	0.1314	-0.0083	0.2541
poker10%			0.4997	0.1251	0.1228	0.0026	0.2155
polish-1st			0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd			0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th			0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th			0.9340	0.0660	0.6503	0.1552	0.3548
polya			0.7859	0.2141	0.7609	0.5175	0.7002
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6618	0.3382	0.6624	0.3235	0.8639
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.4545	0.0839	0.3418	0.3920	0.2469
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.8060	0.1940	0.7711	0.5330	0.6591
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.8304	0.0678	0.7581	0.7698	0.2404
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5012	0.4988	0.5013	0.0025	0.9993
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc			0.8200	0.0277	0.8197	0.7664	0.2209
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6009	0.3991	0.5710	0.1379	0.9302

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8336	0.0555	0.7848	0.7920	0.1943
satimageF			0.9829	0.0171	0.9552	0.9101	0.1937
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6765	0.3235	0.6768	0.3529	0.8487
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8910	0.1090	0.4712	-0.0557	0.6926
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9394	0.0173	0.9461	0.9291	0.0707
segmentation			0.8267	0.1733	0.8087	0.6164	0.6280
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9380	0.0620	0.6847	0.1046	0.1594
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8848	0.1152	0.7418	0.4245	0.4855
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9200	0.0800	0.8801	0.7600	0.4634
skin10%			0.9167	0.0833	0.8737	0.7474	0.4711
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2800	0.3600	0.1857	0.0270	0.5574
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2000	0.3200	0.2575	-0.0047	0.7255
solar-flare			0.7554	0.0815	0.6869	0.6850	0.1857
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection			0.9430	0.0570	0.8110	0.6114	0.4556
spambase			0.9109	0.0891	0.9065	0.8106	0.3857
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer			0.3654	0.0470	0.1919	0.3231	0.2024
splice-EI			0.9558	0.0442	0.9443	0.8867	0.3044
splice-IE			0.9180	0.0820	0.8846	0.7687	0.4355
sport-articles			0.8000	0.2000	0.7802	0.5510	0.6550
squash-stored			0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7534	0.1644	0.7004	0.5982	0.4707
steel-b			0.8154	0.1846	0.6851	0.3512	0.7045
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9795	0.0205	0.9693	0.9382	0.2014
steel-o			0.7487	0.2513	0.7088	0.3813	0.7014
steel-p			0.9282	0.0718	0.7214	0.4253	0.5579
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9641	0.0359	0.9005	0.8006	0.3957
stellar			0.5945	0.2703	0.2486	0.0000	0.3397

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stock			0.9167	0.0833	0.8521	0.7004	0.4623
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.8000	0.2000	0.7975	0.5949	0.6667
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6450	0.1420	0.3614	0.4059	0.3789
student-depression			0.8369	0.1631	0.8309	0.6609	0.5925
student-habits			0.4300	0.2280	0.1979	0.0932	0.4541
student-weekend			0.3692	0.2523	0.2157	0.1042	0.6029
student-workday			0.6875	0.1250	0.1645	0.0154	0.3459
studentap			0.5385	0.3077	0.4097	0.2500	0.4742
susy1%			0.7940	0.2060	0.7938	0.5792	0.6514
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8358	0.1642	0.7705	0.5389	0.6557
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8824	0.0588	0.9083	0.8440	0.0951
toxicity			0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec12-wc			0.1613	0.2097	0.0347	0.0000	0.3749
trec21-wc			0.9091	0.0364	0.7373	0.8036	0.1656
trec23-wc			0.8095	0.0635	0.6238	0.7375	0.1174
trec31-wc			0.9570	0.0143	0.9686	0.9429	0.0576
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9821	0.0179	0.9722	0.9443	0.1640
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%			0.8936	0.1064	0.8845	0.7677	0.4543
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8060	0.0431	0.8412	0.7735	0.1490
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7500	0.1250	0.7356	0.6670	0.2101
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.5051	0.0900	0.4527	0.4556	0.2280
vowelZ			0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8480	0.1013	0.8480	0.7720	0.3535
weather-related			0.9635	0.0066	0.9650	0.9585	0.0454
web-phishing			0.8148	0.1235	0.5642	0.6533	0.3988
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9710	0.0290	0.8233	0.6176	0.3047
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6038	0.1321	0.2812	0.3381	0.3407
winequality-white			0.5153	0.1385	0.2397	0.2050	0.4290
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7467	0.7983	0.0412
yeast			0.4730	0.1054	0.2955	0.3187	0.4085
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 194: Detailed results for RLSC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1703	0.0572	0.0458	0.0716	0.3955
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.8382	0.1618	0.7564	0.4958	0.6232
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.8738	0.1262	0.4663	-0.0669	0.6884
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		0.5714	0.4286	0.6818	0.2222	0.4422
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red		0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9068	0.0466	0.6252	0.8183	0.2179
anuran-genus		0.8957	0.0261	0.5995	0.8217	0.1664
anuran-species		0.9069	0.0186	0.6839	0.8679	0.0833
aps-failure		0.9884	0.0116	0.8057	0.5717	0.2633
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arcene		0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia		0.7111	0.0444	0.3242	0.5013	0.2125
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.8261	0.0145	0.3598	0.7987	0.0376
audit-risk		0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9571	0.0429	0.9470	0.8934	0.2857
autism-child		0.8621	0.1379	0.8619	0.7238	0.5324
autos		0.7500	0.0833	0.6485	0.6599	0.2022
avila		0.4844	0.0859	0.1849	0.1925	0.3086
balance		0.8871	0.0753	0.6113	0.7879	0.2115
bank		0.9073	0.0927	0.7260	0.4232	0.5517
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
barleyblumeria		0.8940	0.1060	0.8868	0.7578	0.3593
basehock		0.9648	0.0352	0.9650	0.9297	0.1998
bio		0.9941	0.0059	0.8001	0.5091	0.0671
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0010	0.0342	0.0000	0.0117
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.7407	0.7800	0.0723
bridges		0.8000	0.0571	0.5333	0.7143	0.0578
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
car		0.8276	0.0862	0.4093	0.6244	0.2390
card		0.8986	0.1014	0.8989	0.7947	0.4326
cardiotocography		0.6761	0.0648	0.4407	0.6005	0.2462
cardiotocography-nsp		0.8498	0.1002	0.7056	0.5712	0.4686
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5951	0.4643	0.4591
cas_N6512_cdk_ECFP2		0.5570	0.4517	0.5928	0.0334	0.5801
cas_N6512_rdkit_ATOMPAIR		0.7231	0.2769	0.7210	0.4418	0.7911
cas_N6512_RDkit_AtomPair_FP		0.7515	0.2485	0.7494	0.4978	0.7469
cas_N6512_rdkit_AVALON		0.7834	0.2166	0.7828	0.5653	0.6948
cas_N6512_RDkit_Avalon_FP		0.7960	0.2040	0.7964	0.5916	0.6692
cas_N6512_rdkit_descriptors		0.7446	0.2554	0.7434	0.4867	0.7593
cas_N6512_rdkit_FEATMORGAN		0.7373	0.2627	0.7361	0.4721	0.7701
cas_N6512_RDkit_Featmorgan_FP		0.7807	0.2193	0.7798	0.5595	0.7002
cas_N6512_RDkit_FP		0.7454	0.2546	0.7439	0.4878	0.7583
cas_N6512_rdkit_LAYERED		0.7815	0.2185	0.7816	0.5624	0.6963
cas_N6512_RDkit_Layered_FP		0.7653	0.2347	0.7635	0.5267	0.7261
cas_N6512_rdkit_MACCS		0.7573	0.2427	0.7551	0.5080	0.7345
cas_N6512_RDkit_MACCS_FP		0.7577	0.2423	0.7566	0.5132	0.7387
cas_N6512_rdkit_MORGAN		0.7662	0.2338	0.7645	0.5289	0.7253
cas_N6512_RDkit_morgan_FP		0.7761	0.2239	0.7751	0.5501	0.7083
cas_N6512_rdkit_PATTERN		0.7892	0.2108	0.7881	0.5763	0.6855
cas_N6512_RDkit_pattern_FP		0.7853	0.2147	0.7842	0.5684	0.6924
cas_N6512_rdkit_RDKITFP		0.7419	0.2581	0.7407	0.4814	0.7633
cas_N6512_rdkit_TORSION		0.7415	0.2585	0.7413	0.4820	0.7619
ccds1%		0.9396	0.0604	0.4844	-0.0288	0.6429
cdc_diabetes		0.8463	0.1024	0.4099	0.1083	0.2727
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8083	0.1917	0.8065	0.6026	0.6366
census10%		0.9519	0.0481	0.7356	0.4165	0.4149
central-nervous-system		1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B		0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
ci900367j_MACCS		0.7368	0.2632	0.7164	0.4317	0.7823

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
circles		0.0400	0.0192	0.0031	0.0303	0.3071
cirrhosis		0.7381	0.1746	0.5065	0.4420	0.3443
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7657	0.1171	0.4261	0.6105	0.2435
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.7500	0.1667	0.7708	0.6087	0.4277
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4830	0.3447	0.4524	0.1812	0.7517
cnae-9		0.9630	0.0082	0.9642	0.9583	0.0413
codon_usage		0.7897	0.0382	0.4135	0.7394	0.1945
coil20		0.9514	0.0049	0.9527	0.9488	0.0316
collins		0.4600	0.0720	0.3717	0.3965	0.2860
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2		0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3		0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7742	0.1505	0.7045	0.6213	0.3349
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7764	0.2236	0.7765	0.5529	0.7066
coupon		0.6814	0.3186	0.6718	0.3421	0.8468
covtype		0.7004	0.0856	0.3999	0.5028	0.3426
covtype10%		0.6974	0.0865	0.4330	0.4973	0.3546
covtypeCD		0.9294	0.0706	0.8412	0.6783	0.4627
covtypeT		0.9369	0.0631	0.6809	0.2541	0.3955
crowdsourced		0.8341	0.0553	0.3969	0.6111	0.1926
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1875	0.0406	0.0805	0.1663	0.1337
cyclopentane		0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands		0.7963	0.2037	0.7901	0.5763	0.6650
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8130	0.1870	0.6853	0.3280	0.6582
deposit		0.8976	0.1024	0.6972	0.3505	0.5584
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.3639	0.1351	0.4618
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
diabetes		0.8077	0.1923	0.8263	0.6221	0.5565
diabetic1%		0.5686	0.2876	0.4780	0.2335	0.6711
diabetic10%		0.5403	0.3065	0.3917	0.1308	0.6575
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6068	0.4019	0.5889	0.1660	0.9201
dlbcl-harvard-tumor		0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih		0.5417	0.4583	0.5495	0.0959	0.9453
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dota2		0.6008	0.3992	0.5976	0.1934	0.9255
dota210%		0.5641	0.4359	0.5605	0.1203	0.9574
dropout		0.7585	0.1610	0.6414	0.5802	0.4135
drug-01		0.4096	0.1687	0.1569	0.0558	0.4597
drug-02		0.5160	0.1383	0.1741	0.1258	0.4924

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-03		0.6915	0.0881	0.1172	0.0096	0.1975
drug-04		0.5106	0.1398	0.1792	0.0513	0.3903
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4362	0.1611	0.2284	0.2677	0.3723
drug-07		0.4574	0.1550	0.1391	0.0690	0.3383
drug-08		0.5426	0.1307	0.1227	0.0473	0.3882
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5479	0.1292	0.1528	0.1514	0.3619
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1731	0.2579	0.3282
drug-14		0.6064	0.1125	0.2420	0.2555	0.3382
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.6064	0.1125	0.2889	0.3226	0.3541
drug-17		0.3564	0.1839	0.1302	0.1027	0.4376
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9052	0.0271	0.9176	0.8851	0.1441
ecoli		0.8529	0.0368	0.4437	0.7901	0.0841
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
eeg		0.3355	0.0831	0.2869	0.2518	0.5600
eeg-eye		0.6462	0.3538	0.6380	0.2684	0.8727
eeg10%		0.3147	0.0857	0.2735	0.2303	0.5480
eucalyptus		0.5890	0.1644	0.5293	0.4586	0.4105
euthyroid		0.9209	0.0791	0.7359	0.3021	0.1921
exon.vs.intron-freq		0.8919	0.1081	0.8953	0.7846	0.4271
exon.vs.intron-freq10%		0.8870	0.1130	0.8898	0.7748	0.4471
farm-ads		0.9106	0.0894	0.9111	0.8194	0.3815
fbis-wc		0.8293	0.0201	0.7826	0.8044	0.1196
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
flags		0.5500	0.1125	0.3165	0.4393	0.2811
fonts10%		0.3238	0.0088	0.0370	0.2607	0.3350
forest		0.9231	0.0385	0.9071	0.8932	0.0993
gas		0.9655	0.0115	0.9628	0.9581	0.0717
gastrointestinal		0.7500	0.1667	0.6808	0.5817	0.4216
gender		0.6021	0.2653	0.3796	0.1409	0.5084
gene		0.9403	0.0394	0.9274	0.9414	0.1650
german		0.7300	0.2700	0.6848	0.3317	0.7314
gina		0.8876	0.1124	0.8882	0.7748	0.4587
gisette		0.9757	0.0243	0.9757	0.9514	0.1539
glass		0.7143	0.0952	0.5338	0.5786	0.2399
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP		0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
gli_85		0.6250	0.3750	0.7241	0.3333	0.5239
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4000	0.3000	0.4288	0.1818	0.5482
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.5793	0.1045	0.7293

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
hapt			0.9616	0.0064	0.8774	0.9545	0.0409
har70			0.7480	0.0720	0.3808	0.5925	0.1820
har701%			0.7434	0.0733	0.3750	0.5843	0.1792
har7010%			0.7490	0.0717	0.3805	0.5938	0.1770
harth1%			0.6101	0.0650	0.1646	0.4148	0.2649
harth10%			0.6122	0.0646	0.1681	0.4177	0.2636
hayes-roth			0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival			0.7059	0.2941	0.7043	0.4056	0.8063
heart			0.7778	0.2222	0.7699	0.5398	0.7121
heart-c			0.8667	0.1333	0.8683	0.7297	0.4898
hepatitis			0.9333	0.0667	0.9148	0.8148	0.4011
hepmass1%			0.8351	0.1649	0.8351	0.6702	0.5936
hepmass10%			0.8351	0.1649	0.8351	0.6702	0.5935
hERG-121inputs			1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%			0.6555	0.3445	0.6527	0.3016	0.8677
higgs1%			0.6397	0.3603	0.6368	0.2664	0.8767
higgs10%			0.6405	0.3595	0.6379	0.2697	0.8781
higher			0.2857	0.1786	0.1793	0.1411	0.2963
hinselmann			0.4000	0.6000	0.2857	-0.3636	0.7910
hiv1-proteasa			0.8860	0.1198	0.8023	0.5421	0.5867
hiva			1.0000	0.0377	0.6101	0.1032	0.4719
horse			0.6667	0.2222	0.6189	0.4170	0.5477
ht-sensor			0.5530	0.2980	0.5547	0.3297	0.6810
ht-sensor10%			0.5361	0.3093	0.5369	0.3041	0.6988
htru2			0.9709	0.0290	0.9070	0.8040	0.2024
hypothyroid			0.9231	0.0385	0.3980	0.2618	0.0879
hypothyroidT			0.9310	0.0690	0.7021	0.1756	0.1727
ilpd			0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy			0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere			0.8571	0.1429	0.8309	0.6602	0.5698
iris			0.6667	0.2222	0.6139	0.4898	0.3083
irish			1.0000	0.0000	1.0000	1.0000	0.0000
isolet			0.9012	0.0076	0.9036	0.8972	0.0878
jm1			0.8127	0.1873	0.6144	0.1130	0.5455
jvowels			0.8564	0.0319	0.8541	0.8369	0.1634
kc1			0.8531	0.1469	0.6523	0.2484	0.6183
kc1-class-level-defectiveornot			0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect			0.6429	0.0298	0.0752	0.2708	0.0880
kc1-class-level-top5percentDF			0.8667	0.1333	0.4643	-0.0714	0.6717
kc2			0.7885	0.2115	0.6081	0.1734	0.7219
kdc-4007			0.8803	0.0299	0.7729	0.8603	0.1789
kddcup981%			0.7158	0.2842	0.5405	0.0447	0.3939
kddcup9810%			0.9236	0.0764	0.5422	0.0819	0.6595
kddcup991%			0.9911	0.0008	0.4234	0.9849	0.0319
kddcup9910%			0.9905	0.0008	0.5109	0.9839	0.0582
kidney-disease			0.9750	0.0250	0.9743	0.9474	0.1598
krkopt			0.2684	0.0813	0.1170	0.1539	0.4675
krvskp			0.9404	0.0596	0.9409	0.8809	0.2973
la1s-wc			0.7407	0.0921	0.7370	0.6911	0.3740
la2s-wc			0.7631	0.0790	0.7594	0.6928	0.3275
labor			0.8333	0.1667	0.8537	0.6667	0.4644
leaf			0.5000	0.0250	0.2949	0.4830	0.1017
led24			0.7500	0.0500	0.7059	0.7167	0.0949
lenses			1.0000	0.0000	1.0000	1.0000	0.0000
letter			0.5530	0.0344	0.5632	0.5348	0.3357
leukemia			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
leukemia2			0.8571	0.1429	0.8750	0.7200	0.4011
libra			0.6944	0.0407	0.6969	0.6719	0.1422
linkage			0.9979	0.0021	0.8940	0.7708	0.4755
linkage1%			0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%			0.9981	0.0019	0.9022	0.7868	0.4689
liver			0.7941	0.2059	0.7598	0.5182	0.7036
localization			0.3963	0.1098	0.1159	0.1436	0.4033
localization10%			0.3883	0.1112	0.1250	0.1304	0.4148
lrs			0.8113	0.0377	0.3483	0.7345	0.1143
lung			0.9048	0.0381	0.9344	0.8359	0.1342
lung_discrete			1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer			0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1			0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2			0.8333	0.1667	0.8182	0.5714	0.5283
lung-cancer-michigan			0.7778	0.2222	0.7568	0.4000	0.5000
lung-cancer-ontario			0.6667	0.3333	0.7500	0.4000	0.5283
lupus			0.8889	0.1111	0.8953	0.7692	0.3145
lymphography			0.8571	0.0714	0.4469	0.7255	0.1760
lymphoma2			0.8889	0.0247	0.5263	0.8500	0.0294
madelon			0.5846	0.4154	0.5854	0.1692	0.9366
magic04			0.7754	0.2246	0.7437	0.4738	0.7012
mammography			0.8229	0.1771	0.8235	0.6458	0.6162
maternal			0.6733	0.2178	0.6845	0.4932	0.4645
messidor			0.7043	0.2957	0.7149	0.4173	0.7781
meter-A			1.0000	0.0000	1.0000	1.0000	0.0000
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.8333	0.0833	0.6718	0.7611	0.1365
meter-D			0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac			0.9800	0.0040	0.9802	0.9778	0.0251
mfeat-fou			0.7500	0.0500	0.7476	0.7222	0.2240
mfeat-kar			0.9300	0.0140	0.9317	0.9222	0.0857
mfeat-mor			0.6150	0.0770	0.6065	0.5722	0.2278
mfeat-pix			0.9500	0.0100	0.9509	0.9444	0.0604
mfeat-zer			0.7950	0.0410	0.7899	0.7722	0.1591
mice-prot			0.9907	0.0023	0.9910	0.9894	0.0110
mines			0.4412	0.2235	0.3140	0.2862	0.4255
mobile			0.5734	0.0152	0.5684	0.5656	0.1706
monks-1			0.6364	0.3636	0.6382	0.2696	0.8776
monks-2			0.6393	0.3607	0.3900	-0.0323	0.6755
monks-3			0.7321	0.2679	0.7323	0.4643	0.7761
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
musk			0.9273	0.0727	0.8496	0.6654	0.2887
MUT_ci300400a_cdk_ECFP2			0.8010	0.1990	0.7940	0.5873	0.6669
MUT_ci300400a_cdk_ECFP4			0.8084	0.1916	0.8040	0.6078	0.6541
MUT_ci300400a_cdk_ECFP6			0.7820	0.2180	0.7764	0.5527	0.7029
MUT_ci300400a_cdk_ESTATE			0.7170	0.2830	0.7069	0.4133	0.8039
MUT_ci300400a_cdk_EXTENDED			0.8010	0.1990	0.7954	0.5907	0.6690
MUT_ci300400a_cdk_FCFP2			0.7653	0.2347	0.7569	0.5132	0.7308
MUT_ci300400a_cdk_FCFP4			0.7902	0.2098	0.7833	0.5662	0.6882
MUT_ci300400a_cdk_FCFP6			0.7842	0.2158	0.7802	0.5598	0.6969
MUT_ci300400a_cdk_MACCS			0.7650	0.2350	0.7555	0.5079	0.7254
MUT_ci300400a_cdk_PUBCHEM			0.8252	0.1749	0.8191	0.6374	0.6182
MUT_ci300400a_cdk_STANDARD			0.7844	0.2156	0.7783	0.5566	0.6991
MUT_ci300400a_rdkit_descriptors			0.7694	0.2306	0.7628	0.5249	0.7223
myocardial			0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid			0.9529	0.0471	0.9534	0.9059	0.2457
nci9			0.8333	0.0370	0.5556	0.8065	0.0000
ncRNA1%			0.8579	0.0150	0.1440	0.5321	0.1294

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ncRNA10%		0.8590	0.0148	0.1695	0.5423	0.1413
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6461	0.3539	0.6434	0.2862	0.8845
NHANES_age_prediction		0.9515	0.0485	0.9048	0.7979	0.2301
nomao		0.9382	0.0618	0.9241	0.8483	0.3462
NPHA-doctor-visits		0.4861	0.3426	0.2901	-0.0378	0.5583
nursery		0.9182	0.0327	0.5582	0.8788	0.1062
obs		0.7222	0.1389	0.7563	0.5834	0.3682
occupancy		0.9864	0.0136	0.9816	0.9624	0.1468
Occupancy_Estimation		0.9654	0.0173	0.8875	0.8925	0.0697
oh0-wc		0.8911	0.0218	0.8947	0.8759	0.1136
oh10-wc		0.7619	0.0476	0.7352	0.7280	0.2104
oh15-wc		0.8152	0.0370	0.8034	0.7884	0.1469
oh5-wc		0.8462	0.0308	0.8418	0.8268	0.1455
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9707	0.0117	0.9696	0.9662	0.0853
optdigitsZ		0.9961	0.0035	0.9956	1.0000	0.0173
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8608	0.1392	0.8517	0.6999	0.5532
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants10%		0.9845	0.0032	0.5039	0.0000	0.0154
page-blocks		0.9214	0.0314	0.4439	0.3305	0.1341
parkinson		0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.9018	0.0982	0.8760	0.7508	0.4591
particle10%		0.8992	0.1008	0.8733	0.7460	0.4725
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.6214	0.2387	0.6639
pcmac		0.4845	0.5155	0.4773	-0.0451	0.9992
pd		0.8816	0.1184	0.8395	0.6786	0.5436
pediatric-leukemia		0.7941	0.0588	0.7526	0.7473	0.1845
pendigits		0.8790	0.0242	0.8773	0.8655	0.1507
period		0.6667	0.3333	0.6582	0.3077	0.8309
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
phishing		0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%		0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc0.1%		0.5168	0.1380	0.4888	0.4350	0.4050
phone-acc1%		0.5232	0.1362	0.4931	0.4424	0.3907
phone-acc10%		0.5166	0.1381	0.4701	0.4347	0.3795
phone-gyr0.1%		0.3453	0.1871	0.3625	0.2354	0.4003
phone-gyr1%		0.3319	0.1909	0.3409	0.2203	0.4035
phone-gyr10%		0.3319	0.1909	0.3457	0.2203	0.4080
phoneme		0.7741	0.2259	0.7252	0.4502	0.7503
phy		0.7046	0.2954	0.7046	0.4092	0.8151
pima		0.7105	0.2895	0.6923	0.3323	0.7052
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1001	0.0666	0.0000	0.1726
poker1%		0.4917	0.1017	0.0917	-0.0093	0.2227
poker10%		0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9717	0.0453	0.8289	0.5971	0.4080
polya			0.7859	0.2141	0.7605	0.5154	0.6976
popularity			0.6588	0.2275	0.4052	0.1782	0.4564
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.7749	0.0900	0.7755	0.7186	0.3225
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6195	0.2353	0.9023
primary-tumor			0.4242	0.0523	0.1728	0.3635	0.2311
profb			0.8358	0.1642	0.8119	0.6234	0.6196
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.7978	0.0809	0.7014	0.7212	0.2400
puc-rio10%			0.8063	0.0775	0.6974	0.7329	0.2388
pufs-1281%			0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%			0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-641%			0.5029	0.4971	0.5029	0.0058	0.9983
pufs-6410%			0.5019	0.4981	0.5019	0.0038	0.9989
raisin			0.9222	0.0778	0.9232	0.8444	0.3519
rcv11%			0.8111	0.0071	0.4133	0.7896	0.1463
re0-wc			0.7667	0.0359	0.6930	0.6952	0.3024
re1-wc			0.8012	0.0159	0.7018	0.7726	0.1495
rejafada			0.9397	0.0603	0.6579	0.3034	0.5891
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6096	0.3904	0.5779	0.1488	0.9173
RT_IOT2022			0.9755	0.0041	0.8373	0.9383	0.0294
satimage			0.7589	0.0804	0.6613	0.6950	0.2115
satimageF			0.9829	0.0171	0.9547	0.9078	0.1457
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
secom			0.9231	0.0769	0.4800	-0.0218	0.5944
secondary_mushroom			0.8557	0.1443	0.8543	0.7085	0.5500
segment			0.8831	0.0334	0.8936	0.8632	0.1221
segmentO			0.9740	0.0260	0.9473	0.8940	0.2198
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-3-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-4-gram			0.8813	0.1387	0.5806	0.1348	0.6706
sens-5-gram			0.8763	0.1237	0.6487	0.1479	0.4234
sensorless			0.5145	0.0883	0.5510	0.4660	0.3365
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8792	0.1208	0.7254	0.3840	0.4977
shuttle			0.8967	0.0295	0.3687	0.6453	0.0724
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9261	0.0739	0.8922	0.7831	0.4473
skin10%			0.9224	0.0776	0.8852	0.7697	0.4578
smk_can_187			0.7368	0.2632	0.7360	0.4693	0.7643
solar-flare			0.7410	0.0863	0.5717	0.6655	0.1947
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.9706	0.0031	0.9664	0.9678	0.0198
spambase			0.8913	0.1087	0.8856	0.7701	0.4563

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer			0.3019	0.0291	0.0614	0.2458	0.1831
splice-EI			0.9777	0.0189	0.9754	0.9515	0.1640
splice-IE			0.9955	0.0522	0.9733	0.8978	0.3382
sport-articles			0.8000	0.2000	0.7815	0.5402	0.6155
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
steel_industry			0.7420	0.1720	0.6849	0.5789	0.4855
steel-b			0.8051	0.1949	0.6809	0.3555	0.7407
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9692	0.0308	0.9522	0.9039	0.2161
steel-o			0.7436	0.2564	0.7021	0.3662	0.7073
steel-p			0.9077	0.0923	0.5525	0.0695	0.5980
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9333	0.0667	0.8061	0.6119	0.5378
student-weekend			0.3231	0.2708	0.1908	0.0552	0.6923
student-workday			0.7188	0.1125	0.2519	0.1498	0.3145
studentap			0.7692	0.1538	0.7528	0.6455	0.3468
susy			0.7607	0.2393	0.7698	0.5036	0.6303
susy1%			0.7574	0.2426	0.7659	0.4969	0.6403
susy10%			0.7622	0.2378	0.7707	0.5070	0.6326
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
texture			0.9855	0.0026	0.9860	0.9840	0.0219
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9319	0.0681	0.6991	0.2924	0.4421
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8945	0.1055	0.8551	0.7090	0.5017
tis10%			0.8134	0.1866	0.7462	0.4923	0.7039
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.8824	0.0588	0.9083	0.8440	0.0951
toxicity			0.4706	0.5294	0.4782	-0.0408	0.9492
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.8780	0.0271	0.8749	0.8528	0.1269
trec12-wc			0.9355	0.0161	0.9350	0.9224	0.0394
trec21-wc			0.8788	0.0404	0.7361	0.7818	0.2320
trec23-wc			0.9048	0.0317	0.9146	0.8708	0.1111
trec31-wc			0.9247	0.0215	0.7990	0.9001	0.1097
trec41-wc			0.8977	0.0205	0.7802	0.8744	0.1158
trec45-wc			0.8261	0.0348	0.7595	0.7984	0.1453
tuandromd			0.9710	0.0177	0.9779	0.9395	0.1634
turkish			0.7750	0.1125	0.7765	0.7000	0.2538
tvnews			0.8907	0.1093	0.8811	0.7612	0.4648
tvnews1%			0.9000	0.1000	0.8917	0.7825	0.4367
tvnews10%			0.8882	0.1118	0.8785	0.7548	0.4641
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7313	0.0597	0.7625	0.6832	0.1896
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7381	0.1310	0.7152	0.6507	0.2270

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.4646	0.0973	0.4304	0.4111	0.2443
vowelZ			1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17			0.9099	0.0901	0.6313	0.0237	0.2400
wap-wc			0.8205	0.0179	0.6997	0.7995	0.1237
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.4993	0.1431	0.4900	0.4111	0.4214
watch-acc10%			0.4999	0.1429	0.4915	0.4115	0.4232
watch-gyr			0.3627	0.1821	0.3558	0.2512	0.3754
watch-gyr1%			0.3518	0.1852	0.3470	0.2385	0.3793
watch-gyr10%			0.3624	0.1822	0.3520	0.2509	0.3797
waveform			0.8480	0.1013	0.8482	0.7720	0.3521
web-phishing			0.8000	0.1333	0.5505	0.6233	0.3328
weight-lift			0.8403	0.0639	0.8332	0.7968	0.2334
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9150	0.0425	0.9158	0.8867	0.1411
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5912	0.1363	0.2176	0.3081	0.3501
winequality-white			0.5215	0.1367	0.2096	0.2033	0.4051
winnipeg			0.9822	0.0051	0.9714	0.9774	0.0427
winnipeg10%			0.9837	0.0046	0.9813	0.9794	0.0306
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.5000	0.1000	0.2786	0.3537	0.4293
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.8785	0.0243	0.8693	0.8636	0.1649

Table 195: Detailed results for RMBSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1494	0.0810	0.1092	0.0693	0.6726
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.9726	0.0274	0.9414	0.8808	0.2032
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.7937	0.2063	0.5138	0.0256	0.6518
AID_1431_KlekotaRothFingerprinter		0.8571	0.1429	0.4615	-0.0728	0.7372
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7429	0.2571	0.5919	0.1828	0.8017
AID_602330		0.8698	0.1302	0.5509	0.0826	0.4992
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red		0.7500	0.2500	0.5180	0.0357	0.7748
AID1608Morered		0.8835	0.1165	0.5953	0.1879	0.6599
AID1608red		0.8544	0.1456	0.5249	0.0457	0.5889
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9910	0.0090	0.4977	-0.0040	0.4041
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.7778	0.2222	0.8000	0.5263	0.5283
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.6573	0.3427	0.6689	0.2959	0.7271
air_pollution		0.2267	0.2210	0.1366	-0.0060	0.9234
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8190	0.0724	0.6722	0.6496	0.3351
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6279	0.3721	0.6626	0.2915	0.7847
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		0.8649	0.1351	0.8496	0.6542	0.5068
anuran-f-b		0.9958	0.0042	0.9082	0.7980	0.4644
anuran-family		0.9875	0.0063	0.9545	0.9761	0.0439
anuran-genus		0.9819	0.0045	0.9268	0.9703	0.1070
anuran-species		0.9917	0.0017	0.9787	0.9884	0.0369
anxiety		0.1417	0.1907	0.1507	0.0341	0.7828
apple-quality		0.9100	0.0900	0.9101	0.8200	0.4017
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.2444	0.1162	0.1257	0.0744	0.5011
auction		0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.5000	0.0909	0.1839	0.3665	0.2401
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.8966	0.1034	0.8976	0.7933	0.4336
autos		0.8500	0.0500	0.7266	0.8000	0.1328
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.2823	0.2051	0.1861	0.0272	0.7527
balance		0.8548	0.0968	0.7323	0.7509	0.3628
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria		0.7258	0.2742	0.7370	0.4537	0.7306
basehock		0.9548	0.0452	0.9550	0.9095	0.2428
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8571	0.1429	0.8538	0.7042	0.5490
biomed		0.9048	0.0952	0.8990	0.7981	0.4308
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.5000	0.5000	0.5000	0.0000	0.8803
breast-cancer-co		0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.4545	0.1818	0.4144	0.3265	0.3239
bridges		0.0000	0.2857	0.0000	-0.3333	0.5715
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.3000	0.7000	0.2308	0.0000	0.4809
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7414	0.1293	0.4617	0.2887	0.3172
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography		0.7418	0.0516	0.6978	0.6885	0.3050
cardiotocography-nsp		0.7887	0.1408	0.5224	0.0691	0.2268
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.4340	0.3773	0.3514	0.1607	0.5937
cars		0.6750	0.2167	0.5829	0.3839	0.6496
cas_N6512_cdk_ECFP2		0.7773	0.2227	0.7755	0.5506	0.7060
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.7270	0.2730	0.7244	0.4460	0.7796
cas_N6512_rdkit_AVALON		0.7803	0.2197	0.7786	0.5568	0.7006
cas_N6512_RDkit_Avalon_FP		0.7883	0.2117	0.7872	0.5744	0.6871
cas_N6512_rdkit_descriptors		0.7492	0.2508	0.7471	0.4937	0.7515
cas_N6512_rdkit_FEATMORGAN		0.7788	0.2212	0.7781	0.5559	0.7031
cas_N6512_RDkit_Featmorgan_FP		0.7807	0.2193	0.7794	0.5589	0.7007
cas_N6512_RDkit_FP		0.7546	0.2454	0.7526	0.5021	0.7363
cas_N6512_rdkit_LAYERED		0.7215	0.2785	0.7202	0.4404	0.7928
cas_N6512_RDkit_Layered_FP		0.7331	0.2669	0.7309	0.4613	0.7761
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.7862	0.2138	0.7844	0.5682	0.6894
cas_N6512_RDkit_morgan_FP		0.7883	0.2117	0.7867	0.5732	0.6864

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7754	0.2246	0.7738	0.5474	0.7097
cas_N6512_RDkit_pattern_FP		0.7684	0.2316	0.7667	0.5333	0.7214
cas_N6512_rdkit_RDKITFP		0.7389	0.2611	0.7367	0.4728	0.7672
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7668	0.2332	0.7369	0.4696	0.7370
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9302	0.0698	0.6408	0.2229	0.5285
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9186	0.0814	0.7387	0.4245	0.5608
cervical-S		0.9302	0.0698	0.7540	0.4669	0.4550
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9947	0.0053	0.6372	0.1802	0.3376
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8876	0.1124	0.7796	0.5590	0.6192
ci900367j_MACCS		0.6842	0.3158	0.6683	0.3363	0.8459
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.5952	0.2698	0.5164	0.2578	0.7051
cjs		0.9893	0.0036	0.9852	0.9869	0.0200
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.8400	0.1600	0.4565	-0.0811	0.7590
cmc		0.5238	0.3175	0.4966	0.2553	0.7311
cnae-9		0.9259	0.0165	0.9281	0.9167	0.0829
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.8052	0.1948	0.7748	0.5429	0.6816
collins		0.4600	0.0720	0.3452	0.3971	0.2926
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6207	0.3793	0.6107	0.2162	0.8800
colposcopies-2		0.5517	0.4483	0.5155	0.0308	0.9708
colposcopies-3		0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4		0.2759	0.7241	0.2162	0.0000	0.4638
colposcopies-5		0.1724	0.8276	0.1471	0.0000	0.3547
colposcopies-6		0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c		0.2414	0.7586	0.1944	0.0000	0.4342
column-2c		0.9032	0.0968	0.8916	0.7597	0.2605
column-3c		0.7742	0.1505	0.7555	0.6483	0.4290
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.6466	0.3534	0.6470	0.2936	0.8825
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.4375	0.0281	0.3132	0.4217	0.1158
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1633	0.2789	0.1621	-0.0041	0.8886
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.8148	0.1852	0.8248	0.6337	0.5871
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.7692	0.2308	0.7292	0.3158	0.4422
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.1605	0.8395	0.1383	0.0000	0.3379
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.7133	0.2867	0.4781	-0.0438	0.8328
dermatology		0.1892	0.2703	0.0530	0.0000	0.3795
desharnais		0.3750	0.4167	0.2727	-0.1111	0.5095
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.8167	0.1833	0.7289	0.4211	0.6246
diabetes		0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5588	0.2941	0.5181	0.2350	0.6867
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.9333	0.0333	0.9242	0.9079	0.1251
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9391	0.0609	0.7972	0.5584	0.3855
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5117	0.4884	0.5090	0.0180	0.9937
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.6546	0.2302	0.5907	0.4374	0.6312
drug-01		0.2287	0.2204	0.1348	-0.0068	0.8540
drug-02		0.4202	0.1657	0.2103	0.1455	0.7993
drug-03		0.4309	0.1626	0.1561	0.0513	0.7535
drug-04		0.4415	0.1596	0.2427	0.1401	0.7884
drug-05		0.4840	0.1474	0.1513	-0.0317	0.8262
drug-06		0.2979	0.2006	0.2347	0.1501	0.7527
drug-07		0.2819	0.2052	0.1259	-0.0052	0.7463
drug-08		0.3617	0.1824	0.1776	0.0884	0.7986
drug-09		0.5372	0.1322	0.1550	0.0457	0.5399
drug-10		0.3936	0.1733	0.2101	0.1056	0.7898
drug-11		0.6649	0.0957	0.2179	0.1335	0.7980
drug-12		0.7021	0.0851	0.1347	0.0050	0.3862
drug-13		0.4362	0.1611	0.1830	0.1222	0.8418
drug-14		0.3989	0.1717	0.1969	0.0955	0.7614
drug-15		0.7234	0.0790	0.1475	0.0408	0.5826
drug-16		0.3511	0.1854	0.2136	0.1070	0.7839
drug-17		0.2979	0.2006	0.2007	0.1153	0.7823

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-18		0.0053	0.9947	0.0053	0.0000	0.0152
drug-19		0.4947	0.1444	0.1550	0.0321	0.7172
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.5882	0.1373	0.4703	0.4413	0.4169
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7273	0.2727	0.6128	0.2245	0.8370
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce		0.1900	0.4050	0.1897	-0.0799	0.8976
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5068	0.1973	0.4992	0.3681	0.4876
euthyroid		0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.4700	0.5300	0.4703	-0.0593	1.0000
farm-ads		0.8937	0.1063	0.8932	0.7860	0.4484
fbis-wc		0.7439	0.0301	0.6905	0.7091	0.2367
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8235	0.1765	0.8228	0.6450	0.6189
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9303	0.9208	0.0349
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8654	0.0673	0.8600	0.8133	0.1624
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.4821	0.3453	0.4021	0.0898	0.7611
gene		0.2524	0.4984	0.1343	0.0000	0.4017
german		0.6700	0.3300	0.6259	0.2500	0.8752
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.5714	0.1429	0.7158	0.4057	0.3032
glass-g2		0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP		0.7619	0.2381	0.7548	0.5070	0.7331
glassBWNFP		0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers		0.0909	0.9091	0.0833	0.0000	0.2192
glassNW		0.2381	0.7619	0.1923	0.0000	0.4310
glassTableware		0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP		0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM		0.6316	0.3684	0.6438	0.2732	0.8562
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.8571	0.1429	0.8547	0.7085	0.5490
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.4667	0.2667	0.4854	0.2814	0.5208
gsalc		0.6667	0.1111	0.5542	0.5909	0.1325
haberman		0.7000	0.3000	0.5682	0.1290	0.8673
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hayes-roth		0.5000	0.3333	0.3720	0.1634	0.5734
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.1100	0.4450	0.0801	-0.0004	0.4049
heart		0.6296	0.3704	0.6433	0.2742	0.8549
heart-attack		0.6129	0.3871	0.6688	0.2648	0.7088
heart-c		0.8333	0.1667	0.8341	0.6667	0.5937
heart-failure		0.9360	0.0640	0.9268	0.8428	0.2000
heart-quantum		0.7000	0.3000	0.6902	0.3802	0.8249
hepatitis		0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs		0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.6562	0.3438	0.6818	0.3282	0.7742
hiv1-proteasa		0.9106	0.0894	0.8346	0.6667	0.5056
hiva		0.9314	0.0686	0.5433	0.0858	0.6018
horse		0.5000	0.3333	0.3071	0.0299	0.5757
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.7579	0.2421	0.5036	0.0073	0.7824
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9307	0.0693	0.8316	0.6492	0.5557
hypothyroid		0.8621	0.0690	0.4349	0.3852	0.5457
hypothyroidT		0.9655	0.0345	0.8847	0.7682	0.4357
ilpd		0.6271	0.3729	0.5611	0.1218	0.8985
immuno-therapy		0.2222	0.7778	0.1818	0.0000	0.4150
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8286	0.1714	0.8011	0.6023	0.6420
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8053	0.1947	0.6230	0.2160	0.7288
jvowels		0.9900	0.0022	0.9884	0.9886	0.0169
kc1		0.8531	0.1469	0.6840	0.3558	0.6833
kc1-class-level-defectiveornot		0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect		0.3077	0.2769	0.2391	0.0565	0.4394
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.8654	0.1346	0.8052	0.6094	0.6150
kdc-4007		0.8853	0.0328	0.8871	0.8661	0.1900
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		1.0000	0.0000	1.0000	1.0000	0.0000
la1s-wc		0.8095	0.0635	0.7790	0.7583	0.2936
la2s-wc		0.8278	0.0574	0.8037	0.7826	0.2873
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.5588	0.0384	0.5431	0.5368	0.1344
led24		0.5500	0.0900	0.5623	0.4944	0.2061

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8056	0.0259	0.8000	0.7914	0.0789
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6765	0.3235	0.6049	0.2043	0.8743
loan		0.9110	0.0890	0.9046	0.8077	0.3961
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.2453	0.2156	0.2160	0.0886	0.6377
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7143	0.1905	0.4956	0.4667	0.4027
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9362	0.0638	0.9343	0.8685	0.3225
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7708	0.2292	0.7696	0.5387	0.7160
marketing		0.8616	0.1384	0.7418	0.4816	0.6694
maternal		0.7921	0.1386	0.7971	0.6842	0.4172
math		0.5750	0.2125	0.4823	0.3366	0.5511
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.8333	0.0833	0.8436	0.7778	0.1604
mental-health		0.1933	0.3227	0.1941	-0.0091	0.8831
messidor		0.6000	0.4000	0.5864	0.1708	0.9305
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.7092	0.8414	0.0898
meter-D		0.6111	0.1944	0.5526	0.4899	0.3183
mfeat-fac		0.5200	0.0960	0.4080	0.4667	0.2976
mfeat-fou		0.1150	0.1770	0.0503	0.0167	0.5152
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.7050	0.0590	0.7096	0.6722	0.1944
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.7600	0.0480	0.7856	0.7333	0.1630
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.9906	0.0063	0.9891	0.9855	0.0242
mines		0.7353	0.1059	0.7079	0.6674	0.2540
mobile		0.2028	0.0285	0.2288	0.1884	0.3743
monks-1		0.4909	0.5091	0.3293	0.0000	0.5293
monks-2		0.8852	0.1148	0.8855	0.7594	0.4622
monks-3		0.6964	0.3036	0.7446	0.3786	0.4854
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9773	0.0227	0.9599	0.9173	0.2643
MUT_ci300400a_cdk_ECFP2		0.8225	0.1775	0.8174	0.6348	0.6266
MUT_ci300400a_cdk_ECFP4		0.8323	0.1677	0.8269	0.6537	0.6052
MUT_ci300400a_cdk_ECFP6		0.8048	0.1952	0.7982	0.5957	0.6596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ESTATE		0.7734	0.2266	0.7645	0.5261	0.7118
MUT_ci300400a_cdk_EXTENDED		0.8129	0.1870	0.8069	0.6135	0.6450
MUT_ci300400a_cdk_FCFP2		0.8323	0.1677	0.8267	0.6528	0.6039
MUT_ci300400a_cdk_FCFP4		0.8213	0.1787	0.8149	0.6282	0.6230
MUT_ci300400a_cdk_FCFP6		0.8129	0.1870	0.8090	0.6176	0.6448
MUT_ci300400a_cdk_MACCS		0.8309	0.1691	0.8264	0.6528	0.6092
MUT_ci300400a_cdk_PUBCHEM		0.8587	0.1413	0.8540	0.7074	0.5432
MUT_ci300400a_cdk_STANDARD		0.8180	0.1820	0.8113	0.6209	0.6298
MUT_ci300400a_rdkit_descriptors		0.7093	0.2907	0.7149	0.3584	0.6399
myocardial		0.0588	0.2353	0.0807	0.0266	0.4485
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9524	0.0476	0.9211	0.8293	0.4011
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9427	0.0573	0.8868	0.7670	0.3406
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.3750	0.4167	0.3303	-0.0240	0.8293
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.7393	0.0745	0.7302	0.6955	0.3036
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation		0.9832	0.0084	0.9410	0.9491	0.0811
oh0-wc		0.8020	0.0396	0.7838	0.7731	0.1793
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.6848	0.0630	0.6487	0.6422	0.2968
oh5-wc		0.7912	0.0418	0.7942	0.7643	0.2011
olive		0.9474	0.0117	0.9298	0.9343	0.0332
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.1566	0.1687	0.1646	0.0618	0.7389
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.0356	0.9644	0.0344	0.0000	0.0956
ozone8hr		0.8538	0.1462	0.5700	0.1354	0.6581
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8351	0.1649	0.8193	0.6379	0.6178
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8571	0.1429	0.8570	0.7137	0.5439
p53-mutants10%		0.0032	0.9968	0.0032	0.0000	0.0091
page-blocks		0.8483	0.0607	0.3962	0.2257	0.5481
parkinson		0.9333	0.0667	0.9310	0.8620	0.3334
parkinsons		0.7109	0.2891	0.7295	0.4341	0.7341
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.8559	0.1441	0.6449	0.2625	0.6137
pcmac		0.4278	0.5722	0.4224	-0.1541	1.0000
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.9891	0.0022	0.9892	0.9879	0.0199

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.3333	0.6667	0.2500	0.0000	0.5000
persistency			0.7668	0.2332	0.7508	0.5015	0.7368
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.8300	0.1700	0.8040	0.6065	0.6278
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8889	0.1111	0.8622	0.7242	0.5075
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6842	0.3158	0.6830	0.3613	0.8266
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.5789	0.4211	0.5778	0.1556	0.9466
plrx			0.3889	0.6111	0.4561	-0.0645	0.8276
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.6501	0.3499	0.5091	0.0066	0.2765
polish-2nd			0.9430	0.0570	0.5205	0.0377	0.6363
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9425	0.0575	0.7230	0.3889	0.4410
polya			0.6551	0.3449	0.6075	0.2111	0.8893
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.4388	0.3077	0.4154
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.7500	0.2500	0.7501	0.5000	0.7494
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3333	0.1026	0.2595	0.2599	0.3624
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7910	0.2090	0.7631	0.5263	0.7085
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
re0-wc			0.6667	0.0513	0.6286	0.5655	0.3877
re1-wc			0.6084	0.0313	0.4930	0.5456	0.2886
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5617	0.4383	0.5508	0.1015	0.9557
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.5163	0.1612	0.5896	0.4256	0.3988
satimageF			0.5474	0.4526	0.6428	0.1555	0.4219

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimageT			0.8989	0.1011	0.7200	0.4399	0.6453
scadi			0.2857	0.2857	0.3429	0.1667	0.3023
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.5294	0.4706	0.5303	0.0588	0.9712
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9394	0.0173	0.9447	0.9292	0.0786
segmentation			0.7970	0.2030	0.7880	0.5722	0.6762
segmentO			0.9870	0.0130	0.9745	0.9489	0.1700
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-2-gram			0.7974	0.2026	0.6272	0.2474	0.7259
sens-3-gram			0.8079	0.1921	0.6037	0.2065	0.7483
sens-4-gram			0.8158	0.1842	0.6037	0.2074	0.7512
sens-5-gram			0.8605	0.1395	0.6308	0.2417	0.6916
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.1541	0.8459	0.1335	0.0000	0.3285
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.8329	0.1671	0.5953	0.1634	0.5795
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.9040	0.0960	0.9049	0.8082	0.4123
smart-farming			0.1400	0.4300	0.1231	-0.1436	0.8555
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2167	0.3133	0.2158	0.0208	0.8686
solar-flare			0.1942	0.2686	0.1818	0.0543	0.7810
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.0588	0.0991	0.0717	-0.0192	0.5459
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9065	0.0935	0.9018	0.8028	0.4143
spect			0.7037	0.2963	0.6196	0.2340	0.8108
spectf			0.2857	0.7143	0.2222	0.0000	0.4711
spectrometer			0.0000	0.0741	0.0000	-0.0513	0.3842
splice-EI			0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE			0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles			0.7300	0.2700	0.7330	0.4543	0.7507
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.4000	0.4000	0.1905	0.0000	0.2619
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7333	0.2667	0.6195	0.2379	0.8107
steel-d			0.9641	0.0359	0.7650	0.5154	0.5686
steel-k			0.8821	0.1179	0.8036	0.5609	0.4150
steel-o			0.8051	0.1949	0.7828	0.5650	0.6754
steel-p			0.9333	0.0667	0.7601	0.5161	0.5590
steel-s			0.9692	0.0308	0.8280	0.6507	0.5227
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.1806	0.8194	0.1529	0.0000	0.3656
stockb			0.9956	0.0029	0.9956	0.9934	0.0159

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
streaming			0.8880	0.1120	0.8868	0.7720	0.4575
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.2600	0.2960	0.1992	-0.0801	0.8258
student-weekend			0.4154	0.2338	0.3055	0.1875	0.6324
student-workday			0.6094	0.1562	0.2693	0.2028	0.6119
studentap			0.5385	0.3077	0.5166	0.2778	0.5827
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9927	0.0013	0.9929	0.9920	0.0112
theorem			0.4173	0.5827	0.2945	0.0000	0.5272
thoracic			0.7234	0.2766	0.4848	-0.0304	0.7956
thrombin			0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.3368	0.6632	0.2520	0.0000	0.5017
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f			0.4706	0.5294	0.4782	-0.0408	0.9492
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6667	0.3333	0.5156	0.0310	0.8948
trec11-wc			0.7805	0.0488	0.7078	0.7228	0.1795
trec12-wc			0.8710	0.0323	0.8926	0.8432	0.0972
trec21-wc			0.8182	0.0727	0.4977	0.6192	0.2383
trec23-wc			0.8095	0.0635	0.7317	0.7219	0.1350
trec31-wc			0.9247	0.0251	0.8795	0.8995	0.1135
trec41-wc			0.7841	0.0432	0.6605	0.7367	0.2330
trec45-wc			0.7971	0.0406	0.7177	0.7624	0.1816
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.2500	0.3750	0.1000	0.0000	0.4042
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.7769	0.2231	0.7791	0.5465	0.6823
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.8762	0.1238	0.5602	0.0874	0.4346
ur3_cobotops_stop			0.8626	0.1374	0.6201	0.1688	0.4413
urban			0.2239	0.1725	0.1536	0.1032	0.6154
urinalysis			0.9371	0.0629	0.6841	0.3669	0.6148
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7857	0.1071	0.7586	0.7121	0.2261
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.8372	0.1628	0.8410	0.6753	0.5648
vowel			0.5657	0.0790	0.6165	0.5222	0.2348
vowelZ			0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7756	0.0224	0.6573	0.7487	0.1576
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2700	0.3650	0.2682	0.0257	0.8548
waveform			0.3400	0.4400	0.1692	0.0000	0.4157
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8519	0.0988	0.8011	0.7317	0.3705
Weekly			0.9630	0.0370	0.9627	0.9247	0.2012
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9462	0.0538	0.7676	0.5240	0.5840
wine			0.2353	0.5098	0.1270	0.0000	0.3739
winequality-red			0.5786	0.1405	0.2824	0.3343	0.5953
winequality-white			0.4990	0.1431	0.2695	0.2874	0.6133
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.8947	0.1053	0.8902	0.7782	0.4610
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.2635	0.1473	0.1938	0.0908	0.7480
yeastCYT-POX			0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC			0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1			0.9527	0.0473	0.6808	0.3410	0.5673
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 196: Detailed results for RMDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.0833	0.9167	0.4656	-0.0067	0.1485
AID_652128		0.5354	0.3098	0.4483	0.0664	0.4679
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.4272	0.5728	0.5471	0.0600	0.6925
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.8818	0.1182	0.6803	0.1098	0.1670
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.0389	0.2403	0.0169	-0.0213	0.4440
anuran-species		0.4833	0.1033	0.0652	0.0000	0.2803
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.9500	0.0500	0.9500	0.9000	0.2661
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.3974	0.6026	0.2844	0.0000	0.5233
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.0645	0.6237	0.0404	0.0000	0.3991
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9489	0.0511	0.9485	0.8961	0.2589
bankruptcy		0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.5937	0.4063	0.5657	0.0123	0.0670
biodeg		0.7048	0.2952	0.7120	0.4109	0.7766
biomed		0.9048	0.0952	0.8990	0.7981	0.4308
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.2541	0.2131	0.1706	0.0037	0.1229
bitcoin10%		0.0003	0.1818	0.1028	0.0000	0.0226
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.5455	0.4545	0.5749	0.1270	0.8754
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.0000	0.3333	0.0000	-0.2100	0.5416
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.7000	0.3000	0.4118	0.0000	0.4416
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9420	0.0580	0.9419	0.8770	0.2846
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.1408	0.1718	0.0530	0.0677	0.3388
cardiotocography-nsp		0.6901	0.2066	0.5797	0.3582	0.5996
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.7000	0.2000	0.5710	0.4777	0.4841
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.7237	0.2763	0.6345	0.0061	0.0121
chrom1910%		0.7321	0.2679	0.6197	0.0049	0.0116
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0400	0.0192	0.0033	0.0303	0.3139
cirrhosis		0.3810	0.4127	0.1839	0.0000	0.3169
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.8200	0.1800	0.5411	0.0816	0.7182
cmc		0.4354	0.3764	0.3540	0.1642	0.5791
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.0384	0.1748	0.0201	0.0237	0.3559
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.7792	0.2208	0.7640	0.5092	0.6847
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.5172	0.4828	0.4898	-0.0201	0.9615
colposcopies-2		0.4483	0.5517	0.4141	-0.1717	1.0000
colposcopies-3		0.4138	0.5862	0.2927	0.0000	0.5266
colposcopies-4		0.2414	0.7586	0.1944	-0.0705	0.6563
colposcopies-5		0.7931	0.2069	0.6375	0.2750	0.7711
colposcopies-6		0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c		0.2759	0.7241	0.5693	0.0225	0.4422
column-2c		0.8387	0.1613	0.8565	0.6737	0.4644
column-3c		0.7742	0.1505	0.7303	0.6371	0.3039
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.5409	0.4591	0.5910	0.0890	0.6854
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.8908	0.1092	0.6608	0.0278	0.0442
crowdsourced		0.7106	0.0965	0.2094	0.2384	0.1859
cryotherapy		0.7778	0.2222	0.7750	0.5500	0.7072
cultivars		0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn		0.6260	0.3740	0.5177	0.0072	0.1560
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.5385	0.4615	0.3500	-0.1471	0.4353
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.6257	0.3743	0.5933	0.1677	0.7824
defect		0.1605	0.8395	0.1383	0.0000	0.3379
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.1892	0.2703	0.0530	0.0000	0.3795
desharnais		0.3750	0.4167	0.2000	-0.1111	0.5824
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.5333	0.2333	0.3465	0.3458	0.3388
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.6253	0.2498	0.4638	0.3684	0.4761
drug-01		0.0266	0.2781	0.0154	0.0090	0.4172
drug-02		0.2606	0.2112	0.1293	0.0707	0.3867
drug-03		0.0851	0.3050	0.0478	0.0147	0.3320
drug-04		0.1011	0.2568	0.0525	0.0500	0.3649
drug-05		0.2926	0.2021	0.1208	0.0002	0.3453
drug-06		0.3617	0.1824	0.1400	0.1628	0.4161
drug-07		0.3032	0.2323	0.1179	0.0711	0.3986
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.0053	0.3316	0.0027	-0.0093	0.1769
drug-10		0.3777	0.1778	0.1282	0.0767	0.3809
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.0372	0.2751	0.0205	0.0137	0.2552

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.5213	0.1596	0.1142	0.0000	0.2921
drug-17		0.2234	0.2219	0.0969	0.0325	0.4490
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.2234	0.2219	0.1514	0.0362	0.2775
drybean		0.2608	0.2112	0.0591	0.0000	0.3690
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM		0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU		0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM		0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.4493	0.5507	0.4869	-0.0002	0.5422
eeg10%		0.0102	0.1237	0.0013	0.0000	0.3919
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9062	0.0938	0.9082	0.8107	0.3776
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4118	0.5882	0.4104	-0.1787	1.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.1875	0.2708	0.1511	0.0095	0.5514
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.3269	0.3365	0.4070	0.1225	0.6704
gas		0.4738	0.1754	0.4074	0.3662	0.3782
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.2947	0.4702	0.1918	0.0109	0.5827
gene		0.2524	0.4984	0.1343	0.0000	0.4017
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.0952	0.3016	0.1813	0.0339	0.3821
glass-g2		0.5000	0.5000	0.6522	0.1579	0.5288
glassBWFP		0.6190	0.3810	0.6415	0.2632	0.8356
glassBWNFP		0.5714	0.4286	0.6429	0.2286	0.7396
glassContainers		0.7273	0.2727	0.7203	0.2979	0.4422
glassNW		0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware		0.5455	0.4545	0.6358	0.0909	0.2192
glassVWFP		0.4762	0.5238	0.6201	0.0723	0.2039
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.5833	0.4167	0.3684	0.0000	0.5068
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2370	0.3052	0.2942	0.0657	0.7673
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.1850	0.2329	0.0446	0.0000	0.2875
har7010%		0.2012	0.2282	0.1692	0.0261	0.3793

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6143	0.0643	0.1762	0.4876	0.1860
harth10%		0.6144	0.0643	0.1756	0.4874	0.1875
hayes-roth		0.3750	0.4167	0.4408	0.1837	0.3855
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack		0.7419	0.2581	0.7417	0.4655	0.7192
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure		0.5180	0.4820	0.5941	0.1454	0.7710
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.4000	0.6000	0.6250	0.1176	0.4422
hepmass1%		0.6218	0.3782	0.6256	0.2419	0.8838
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.7692	0.2308	0.6372	0.2642	0.7875
higgs0.1%		0.5482	0.4518	0.5392	0.0731	0.9496
higgs1%		0.5434	0.4566	0.5315	0.0515	0.9119
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0000	0.2500	0.0000	-0.1807	0.4447
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5076	0.3282	0.5337	0.2752	0.6434
htru2		0.9168	0.0832	0.8119	0.6015	0.5774
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.2222	0.7778	0.1818	0.0000	0.4150
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.8000	0.1333	0.8077	0.6897	0.1465
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.7796	0.2204	0.6318	0.2628	0.7890
jvowels		0.1185	0.1959	0.1195	0.0084	0.9091
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0089	0.1101	0.0559	0.0003	0.3727
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.3333	0.6667	0.2500	0.0000	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
leaf		0.0294	0.0844	0.0026	0.0000	0.3985
led24		0.1500	0.1889	0.1562	0.0449	0.3872
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.1430	0.0659	0.0650	0.1096	0.3713
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.0833	0.1222	0.0103	0.0000	0.4070
linkage1%		0.3221	0.6779	0.5706	0.0034	0.0153
linkage10%		0.3454	0.6546	0.5750	0.0038	0.0158
liver		0.5000	0.5000	0.5852	0.1269	0.7690
loan		0.3770	0.6230	0.2738	0.0000	0.5177
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.0943	0.2588	0.0246	0.0000	0.3411
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.3333	0.6667	0.2500	-0.4211	1.0000
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9574	0.0426	0.9569	0.9130	0.2402
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7759	0.2241	0.7443	0.4639	0.6728
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.4688	0.5312	0.3191	0.0000	0.5307
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.5347	0.3102	0.5624	0.3140	0.6158
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.4348	0.5652	0.3030	0.0000	0.5294
meter-A		0.3750	0.6250	0.2727	0.0000	0.5170
meter-B		0.2222	0.5185	0.1212	0.0000	0.4199
meter-C		0.3333	0.3333	0.1250	0.0000	0.3773
meter-D		0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.1000	0.1800	0.0327	0.0000	0.4814
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.2000	0.1600	0.0690	0.1111	0.3264
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.2358	0.5094	0.1272	0.0000	0.4229
mines		0.3529	0.2588	0.2805	0.1577	0.3500
mobile		0.0245	0.0348	0.0198	0.0048	0.3943
monks-1		0.4909	0.5091	0.3293	0.0000	0.5293
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.7364	0.2636	0.5797	0.1538	0.7619
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.7143	0.1905	0.7795	0.5333	0.3634
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.8414	0.1586	0.4569	0.0000	0.3047
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.3194	0.4537	0.3931	0.0735	0.7044
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.4630	0.2685	0.1582	0.0000	0.3435
occupancy		0.8492	0.1508	0.8494	0.6545	0.4977
Occupancy_Estimation		0.8322	0.0839	0.4133	0.5269	0.3303
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.1228	0.1949	0.0841	0.0407	0.5814
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9051	0.0949	0.5176	0.0319	0.5295
ozone8hr		0.4704	0.5296	0.5720	0.0578	0.3408
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.7751	0.0899	0.3000	0.2679	0.3396
parkinson		0.6583	0.3417	0.6325	0.2374	0.8260
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.7368	0.2632	0.7299	0.4311	0.7090
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.8649	0.1351	0.5709	0.1386	0.6608
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		0.8000	0.2000	0.4444	0.0000	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pd			0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.1001	0.1800	0.0471	-0.0020	0.4731
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.6222	0.3778	0.7063	0.3217	0.6137
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.5395	0.4605	0.5376	0.0738	0.9532
pirvision			0.8635	0.0910	0.5733	0.3885	0.2146
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.5263	0.4737	0.3448	0.0000	0.5239
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.6431	0.3569	0.5666	0.0493	0.2719
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.8449	0.1551	0.5333	0.0562	0.5387
polish-5th			0.8308	0.1692	0.5458	0.0829	0.6079
polya			0.3600	0.6400	0.5771	0.0024	0.5112
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6254	0.2059	0.8025
prestige			0.6667	0.2222	0.5392	0.4255	0.3013
primary-tumor			0.1818	0.1259	0.0237	0.0000	0.3708
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9058	0.0942	0.8046	0.5770	0.5804
raisin			0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9362	0.0638	0.9370	0.8720	0.3095
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5776	0.4224	0.5665	0.1328	0.9449
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
satimage			0.5288	0.1571	0.3516	0.4123	0.2868
satimageF			0.9658	0.0342	0.9262	0.8433	0.3935
satimageT			0.5910	0.4090	0.6242	0.1448	0.4600
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.8095	0.1270	0.8251	0.7143	0.3114
segment			0.1472	0.2437	0.0367	0.0000	0.4017
segmentation			0.6980	0.3020	0.6955	0.3820	0.7986
segmentO			0.4199	0.5801	0.5388	0.0418	0.5391
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.7474	0.2526	0.5423	0.0816	0.7413
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0821	0.1669	0.0915	-0.0098	0.5562
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.1621	0.2394	0.1541	0.0043	0.1820
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.7000	0.3000	0.7521	0.4000	0.4882
skin			0.8270	0.1730	0.8277	0.5980	0.5192
skin10%			0.8231	0.1769	0.8250	0.5912	0.5206
smarket			0.5280	0.4720	0.5266	0.0529	0.9818
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.5370	0.4630	0.5768	0.1329	0.8691
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.3143	0.6857	0.5766	0.0233	0.4770
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE			0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles			0.7500	0.2500	0.7706	0.5102	0.6632
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.0821	0.9179	0.0758	0.0000	0.2013
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5924	0.2717	0.3221	0.0145	0.4292
stock			0.7847	0.2153	0.5539	0.0964	0.7975
stockb			0.3348	0.4435	0.1672	0.0000	0.4165

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.7254	0.2746	0.7479	0.4231	0.5849
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.3368	0.6632	0.2520	0.0000	0.5017
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.3227	0.6773	0.2440	0.0000	0.4945
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.4706	0.5294	0.6408	0.1356	0.5239
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.2500	0.3750	0.1000	0.0000	0.4042
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.5034	0.4966	0.5737	0.0350	0.1817
ur3_cobotops_stop			0.7619	0.2381	0.5524	0.0515	0.3289
urban			0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.3333	0.3333	0.2240	0.1570	0.4360
vehicleVAN			0.6905	0.3095	0.7569	0.4157	0.5303
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.7442	0.2558	0.7871	0.4941	0.4708
vowel			0.0909	0.1653	0.0867	0.0000	0.7193
vowelZ			0.8485	0.1515	0.7857	0.4762	0.5170
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.5111	0.3259	0.3683	0.2509	0.4185
Weekly			0.5833	0.4167	0.6339	0.0690	0.5112
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9800	0.0100	0.9802	0.9733	0.0420
wilt			0.8861	0.1139	0.7415	0.3872	0.5104
wine			0.2353	0.5098	0.1270	0.0000	0.3739
winequality-red			0.3333	0.2222	0.1162	0.0050	0.4033
winequality-white			0.2740	0.2420	0.1663	0.0961	0.4701
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9298	0.0702	0.9243	0.8462	0.3205
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2			0.0473	0.9527	0.0452	0.0000	0.1242
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 197: Detailed results for RMLapSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.0417	0.9583	0.0400	0.0000	0.1107
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6000	0.4000	0.4724	-0.0526	0.9519
AID644red		0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.7079	0.1169	0.1658	0.0000	0.2204
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.6000	0.0800	0.2775	0.1456	0.2263
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.3478	0.0543	0.0383	0.1606	0.2402
audit-risk		0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.6500	0.1167	0.4265	0.5139	0.2098
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8871	0.0753	0.6114	0.7877	0.2090
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.5547	0.4453	0.3568	0.0000	0.5166
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.9849	0.0151	0.9851	0.9699	0.0905
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8381	0.1619	0.8293	0.6584	0.6010
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.6364	0.1212	0.5303	0.5600	0.1396
bridges		0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.8667	0.1333	0.8745	0.7183	0.4472
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography		0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp		0.7793	0.1471	0.2920	0.0000	0.2332
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.6750	0.2167	0.4751	0.1798	0.3015
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7650	0.5295	0.7134
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7368	0.2632	0.7105	0.3986	0.7394
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.6667	0.2222	0.4444	0.3099	0.4537
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.3602	0.1422	0.5707
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.7273	0.2727	0.4211	0.0000	0.4205
collins		0.4600	0.0720	0.2416	0.3819	0.2354
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2		0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3		0.6207	0.3793	0.6045	0.2084	0.9148
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.8966	0.1034	0.8560	0.6692	0.2534
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7419	0.1720	0.5362	0.5618	0.2339

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.4952	0.5048	0.3312	0.0000	0.5289
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.7000	0.1500	0.7140	0.6000	0.2630
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.0312	0.0484	0.0015	0.0000	0.4005
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.6852	0.3148	0.6738	0.3452	0.8418
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9729	0.9662	0.0254
desharnais		0.7500	0.1667	0.5333	0.4074	0.2614
dexter		0.9500	0.0500	0.9523	0.9000	0.2092
df_final		0.6875	0.2083	0.5238	0.5000	0.3294
DIA		0.8167	0.1833	0.7302	0.3889	0.5432
diabetes		0.8269	0.1731	0.8317	0.6507	0.5831
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.7066	0.8345	0.0891
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.6250	0.3750	0.5966	0.1692	0.8621
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9304	0.0696	0.7608	0.4682	0.4114
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.3228	0.4515	0.1627	0.0000	0.3888
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.1277	0.2492	0.0323	0.0000	0.3211
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.1623	0.2373	0.3647
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1596	0.1142	0.0000	0.2921
drug-17		0.3883	0.1748	0.1405	0.1299	0.4202
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.4412	0.1397	0.0765	0.0000	0.2765
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7238	0.4460	0.7379
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6027	0.1589	0.4926	0.4636	0.2782
euthyroid		0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5686	0.4314	0.5518	0.0937	0.9264
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8125	0.0625	0.6236	0.7513	0.0899
flags		0.5000	0.1429	0.2395	0.3421	0.3137
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8846	0.0577	0.8567	0.8405	0.1510
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.9375	0.0417	0.9513	0.9006	0.1278
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.2524	0.4984	0.1343	0.0000	0.4017
german		0.6600	0.3400	0.6346	0.0368	0.4706
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7143	0.0952	0.4310	0.5758	0.1967
glass-g2		0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP		0.6667	0.3333	0.6689	0.1503	0.4745
glassBWNFP		0.8095	0.1905	0.7921	0.5000	0.3750
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.3922	0.2500	0.5489
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.6250	0.2500	0.4676	0.3766	0.3833
hcc-survival		0.7059	0.2941	0.6913	0.3796	0.8165
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.7692	0.2308	0.4348	0.0000	0.3833
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2857	0.1786	0.1705	0.1026	0.3249
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6389	0.2407	0.4437	0.2909	0.3545
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.8997	0.1003	0.8999	0.7993	0.4315
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.0294	0.0485	0.0014	0.0000	0.3575
led24		0.5500	0.0900	0.4208	0.4828	0.1937
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.6389	0.0481	0.6349	0.6123	0.1328
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7353	0.2647	0.6715	0.3139	0.7565
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8679	0.0377	0.6382	0.8176	0.0961
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.4149	0.5851	0.2932	0.0000	0.5268
madelon		0.6346	0.3654	0.6358	0.2692	0.8899
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8854	0.1146	0.8852	0.7702	0.4733
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.2673	0.4884	0.1406	0.0000	0.4218
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.6000	0.4000	0.6014	0.2009	0.9178
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6667	0.1667	0.7833	0.5424	0.2230

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-D		0.6667	0.1667	0.5300	0.5157	0.2146
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot		0.8981	0.0255	0.8980	0.8832	0.0804
milk		0.2358	0.5094	0.1272	0.0000	0.4229
mines		0.5588	0.1765	0.4848	0.4408	0.3383
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.6364	0.3636	0.6441	0.2676	0.8423
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.8414	0.1586	0.4569	0.0000	0.3047
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.7593	0.1204	0.7727	0.6340	0.2900
occupancy		0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation		0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc		0.6931	0.0614	0.5582	0.6377	0.2090
oh10-wc		0.6476	0.0705	0.5297	0.5896	0.2482
oh15-wc		0.5761	0.0848	0.5393	0.4990	0.2438
oh5-wc		0.6484	0.0703	0.6406	0.5933	0.2236
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.6842	0.0702	0.4749	0.5691	0.1671
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8660	0.1340	0.8519	0.7036	0.5485
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8968	0.1032	0.8972	0.7934	0.4389
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9031	0.0388	0.1898	0.0000	0.0975
parkinson		0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5258	0.4742	0.3446	-0.1109	0.8780
pcos		0.8000	0.2000	0.4444	0.0000	0.3522
pd		0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia		0.8235	0.0504	0.7497	0.7802	0.1277
pendigits		0.1028	0.1794	0.0186	0.0000	0.4062
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.3761	0.6239	0.2733	0.0000	0.5174
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.9469	0.0531	0.9442	0.8876	0.2693
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%		0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.7796	0.2204	0.7017	0.3352	0.6169
phy		0.5028	0.4972	0.3346	0.0000	0.5280
pima		0.7105	0.2895	0.6923	0.3323	0.7052
pirvision		0.8165	0.1224	0.2997	0.0000	0.2067
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.5263	0.4737	0.3448	0.0000	0.5239
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th		0.9306	0.0694	0.4820	0.0000	0.1724
polya		0.3578	0.6422	0.2635	0.0000	0.5109
popularity		0.3135	0.4577	0.1591	0.0000	0.3128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6471	0.3529	0.6494	0.2941	0.8709
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.1818	0.0744	0.0140	0.0000	0.3153
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.5000	0.5000	0.3333	0.0000	0.5283
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.2271	0.2576	0.0617	0.0000	0.3819
satimageF			0.8911	0.1089	0.4712	0.0000	0.2371
satimageT			0.1011	0.8989	0.0918	0.0000	0.2389
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6176	0.3824	0.6294	0.2353	0.8487
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.7706	0.0656	0.8004	0.7317	0.1742
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			0.1472	0.8528	0.1283	0.0000	0.3180
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.7895	0.2105	0.7933	0.5730	0.6420
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7410	0.0863	0.5377	0.6640	0.1916
sonar			0.7000	0.3000	0.7041	0.4000	0.7994
soybean			0.5735	0.0449	0.2350	0.5131	0.1848
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.3957	0.6043	0.2835	0.0000	0.5229
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8286	0.1714	0.7799	0.5532	0.6369
spectrometer			0.3077	0.0513	0.1249	0.2491	0.2238
splice-EI			0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE			0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles			0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9692	0.0308	0.9520	0.9020	0.1773
steel-o			0.7282	0.2718	0.6869	0.2986	0.6517
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.3348	0.4435	0.1672	0.0000	0.4165
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6923	0.2051	0.5260	0.5000	0.2833
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8806	0.1194	0.8361	0.6717	0.5478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.6250	0.1250	0.2411	0.4146	0.1603
tox_171			0.8235	0.0882	0.8375	0.7650	0.1709
toxicity			0.7059	0.2941	0.6540	0.2735	0.7752
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.6829	0.0705	0.4192	0.5793	0.1851
trec12-wc			0.7742	0.0565	0.7330	0.7152	0.1449
trec21-wc			0.9091	0.0364	0.7365	0.7876	0.0813
trec23-wc			0.7619	0.0794	0.5669	0.6546	0.2476
trec31-wc			0.8602	0.0466	0.7088	0.8098	0.1838
trec41-wc			0.7386	0.0523	0.4613	0.6672	0.1877
trec45-wc			0.6957	0.0609	0.5985	0.6376	0.2145
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.7750	0.1125	0.7808	0.7000	0.2843
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9462	0.0538	0.9425	0.8818	0.2425
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7612	0.0531	0.6955	0.7174	0.1873
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.6310	0.1845	0.6157	0.5097	0.3867
vehicleVAN			0.9167	0.0833	0.8879	0.7500	0.2236
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.4884	0.5116	0.3281	0.0000	0.5296
vowel			0.4747	0.0955	0.5174	0.4222	0.2358
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.9231	0.0154	0.9583	0.9133	0.0343
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.7926	0.1383	0.5459	0.6075	0.3469
Weekly			0.9815	0.0185	0.9815	0.9623	0.0972
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0254
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5660	0.1447	0.2078	0.2634	0.3218
winequality-white			0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.3684	0.6316	0.2692	0.0000	0.5148
yale			0.8750	0.0167	0.8320	0.8655	0.0275

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeast			0.2365	0.1527	0.0383	0.0000	0.3028
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 198: Detailed results for RNC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1535	0.0584	0.0792	0.0598	0.4657
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.5000	0.0000	0.9713
ads		0.8994	0.1006	0.7581	0.4333	0.3806
adult		0.8305	0.1695	0.7425	0.4647	0.6371
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8333	0.1667	0.5863	0.1628	0.7500
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604		0.9982	0.0018	0.8604	0.7110	0.2704
AID604AID644_AllRed		0.9988	0.0012	0.4997	-0.0003	0.4066
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7793	0.2207	0.6479	0.1844	0.5782
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.9153	0.0847	0.9143	0.8258	0.3664
alcohol		0.8762	0.0495	0.7294	0.6944	0.1243
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.7302	0.2698	0.6925	0.3160	0.6581
anneal		0.9663	0.0135	0.9568	0.9254	0.0336
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9485	0.0257	0.7062	0.8993	0.0813
anuran-genus		0.9332	0.0167	0.8971	0.8853	0.0642
anuran-species		0.9222	0.0156	0.7830	0.8891	0.0829
anxiety		0.0917	0.2019	0.0779	-0.0267	0.6425
apple-quality		0.8225	0.1775	0.8228	0.6450	0.6179
aps-failure		0.9842	0.0158	0.7104	0.2368	0.1347
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.6674	0.0072	0.0320
arcene		0.6000	0.4000	0.3750	0.0000	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.5778	0.0650	0.1070	0.0717	0.2298
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.4783	0.0435	0.1695	0.3475	0.1885
audit-risk		0.8205	0.1795	0.8260	0.5941	0.3821
autism-adolescent		0.6364	0.3636	0.5681	0.1200	0.8836
autism-adult		0.8857	0.1143	0.8516	0.7012	0.5093
autism-child		0.6207	0.3793	0.6256	0.2459	0.8929
autos		0.8000	0.0667	0.6723	0.7297	0.1704
avila		0.6622	0.0563	0.6138	0.5175	0.3129
babies		0.4274	0.1636	0.1423	0.1003	0.4916
balance		0.8871	0.0753	0.6113	0.7879	0.2115
bank		0.9024	0.0976	0.6937	0.3015	0.4706
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8387	0.1613	0.8337	0.6134	0.3541
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9953	0.0047	0.8484	0.6474	0.0594
bio10%		0.9945	0.0055	0.8167	0.5975	0.2371
biodeg		0.8476	0.1524	0.8369	0.6640	0.5381
biomed		0.8095	0.1905	0.8108	0.5532	0.3876
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
body-perf		0.6037	0.1981	0.6167	0.4716	0.5058
bookings		0.9181	0.0546	0.7250	0.8202	0.2445
brain-tumor		0.5160	0.4840	0.5201	0.0302	0.8944
breast-cancer		0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.6111	0.5600	0.1896
bridges		0.7000	0.0857	0.4163	0.5455	0.1058
bub10at310k-hg16-17		0.9131	0.0869	0.6469	0.1971	0.4744
bub12at310k-hg16-17		0.9122	0.0878	0.6442	0.2046	0.5016
bub8at310k-hg16-17		0.9095	0.0905	0.6389	0.2209	0.5606
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9540	0.0230	0.9389	0.9035	0.1799
car-insurance		0.8070	0.1930	0.7696	0.5371	0.6816
card		0.8261	0.1739	0.8248	0.6290	0.5423
cardiotocography		0.6901	0.0620	0.5763	0.6173	0.2694
cardiotocography-nsp		0.9014	0.0657	0.8099	0.7057	0.2528
cardiovascular		0.6455	0.3545	0.6467	0.2908	0.8785
cargo2k		0.9365	0.0423	0.9391	0.9046	0.1506
cars		0.7500	0.1667	0.6221	0.5261	0.4334
cas_N6512_cdk_ECFP2		0.6129	0.3871	0.6193	0.1835	0.7804
cas_N6512_rdkit_ATOMPAIR		0.5677	0.4323	0.5651	0.0805	0.7860
cas_N6512_RDkit_AtomPair_FP		0.5920	0.4080	0.6007	0.1346	0.7568
cas_N6512_rdkit_AVALON		0.6605	0.3395	0.6699	0.2895	0.7503
cas_N6512_RDkit_Avalon_FP		0.6641	0.3359	0.6685	0.3016	0.7835
cas_N6512_rdkit_descriptors		0.7092	0.2908	0.7064	0.4115	0.8081
cas_N6512_rdkit_FEATMORGAN		0.6313	0.3687	0.6397	0.2247	0.7693
cas_N6512_RDkit_Featmorgan_FP		0.6380	0.3620	0.6442	0.2424	0.7846
cas_N6512_RDkit_FP		0.6227	0.3773	0.6355	0.2040	0.7454
cas_N6512_rdkit_LAYERED		0.6246	0.3754	0.6350	0.2094	0.7597
cas_N6512_RDkit_Layered_FP		0.6150	0.3850	0.6253	0.1876	0.7600
cas_N6512_rdkit_MACCS		0.7435	0.2565	0.7417	0.4776	0.7475
cas_N6512_RDkit_MACCS_FP		0.7270	0.2730	0.7246	0.4487	0.7848
cas_N6512_rdkit_MORGAN		0.5492	0.4508	0.5593	0.0281	0.6266

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.5598	0.4402	0.5889	0.0523	0.6099
cas_N6512_rdkit_PATTERN		0.6538	0.3462	0.6558	0.2808	0.8061
cas_N6512_RDkit_pattern_FP		0.6871	0.3129	0.6953	0.3493	0.7387
cas_N6512_rdkit_RDKITFP		0.6052	0.3948	0.6154	0.1662	0.7604
cas_N6512_rdkit_TORSION		0.6062	0.3938	0.6090	0.1713	0.8049
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9630	0.0370	0.6780	0.0665	0.1082
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6736	0.3264	0.6321	0.1009	0.5469
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9656	0.0344	0.7634	0.5112	0.4665
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.6316	0.1795	0.4491
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9395	0.0605	0.6570	0.2092	0.4162
census10%		0.9408	0.0592	0.6242	0.1309	0.3966
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9186	0.0814	0.4788	-0.0203	0.5749
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9767	0.0233	0.8527	0.6560	0.0768
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.5540	0.2230	0.3864	0.3012	0.5154
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.6194	0.0998	0.2216
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8210	0.1790	0.6732	0.2962	0.6459
churn-bigml		0.8577	0.1423	0.6607	0.0430	0.2846
ci900367j_MACCS		0.7158	0.2842	0.6910	0.3794	0.8107
circles		0.0100	0.0198	0.0022	0.0000	0.2008
cirrhosis		0.5714	0.2857	0.3484	0.0690	0.4872
cjs		0.9679	0.0107	0.9726	0.9606	0.0431
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8130	0.0935	0.6931	0.6986	0.2811
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.3333	0.4444	0.1667	0.0000	0.3838
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4966	0.3356	0.4855	0.2252	0.7519
cnae-9		0.4815	0.1152	0.6147	0.4167	0.2845
codon_usage		0.8212	0.0325	0.6608	0.7801	0.1785
coil20		0.7361	0.0264	0.7905	0.7222	0.1101
college		0.9091	0.0909	0.8825	0.7524	0.3606
collins		0.2800	0.0960	0.2018	0.1732	0.3478
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3		0.6207	0.3793	0.5943	0.1212	0.7498
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.8065	0.1935	0.7698	0.5327	0.6667
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.5198	0.4802	0.5331	0.0063	0.5857
connect-4		0.9864	0.0091	0.7473	0.6384	0.3045
cottonmeloidogyne		0.5865	0.4135	0.6270	0.1672	0.7072
coupon		0.6333	0.3667	0.6161	0.2182	0.8751
covtype10%		0.8139	0.0532	0.6815	0.6946	0.3324
covtypeCD		0.9836	0.0164	0.9648	0.9293	0.1607
covtypeT		0.9792	0.0208	0.9154	0.8264	0.2275

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		0.7000	0.1500	0.7140	0.6000	0.2630
creditcard_trans10%		0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced		0.9355	0.0215	0.7850	0.8669	0.1855
cryotherapy		0.6667	0.3333	0.7065	0.2703	0.4882
cultivars		0.1875	0.0406	0.1105	0.1672	0.1298
customer-churn		0.9792	0.0208	0.5706	0.0177	0.1761
cybersecurity		0.1500	0.2833	0.0743	-0.0323	0.5533
cyclopentane		0.5556	0.4444	0.5364	0.0690	0.9556
cylinder-bands		0.6296	0.3704	0.6313	0.1576	0.6643
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1032	0.1794	0.1050	0.0012	0.4503
day1%		0.6724	0.3276	0.6565	0.1067	0.4673
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8120	0.1880	0.6812	0.3092	0.6410
defect		0.8488	0.1512	0.6726	0.0932	0.2972
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8905	0.1095	0.6562	0.2294	0.5234
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9524	0.9327	0.0421
desharnais		0.5000	0.3333	0.3366	0.0303	0.5178
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.8333	0.1667	0.7692	0.4286	0.3322
diabetes		1.0000	0.0000	1.0000	1.0000	0.0000
diabetes-100k		0.9191	0.0809	0.6605	0.1017	0.2631
diabetes-risk		0.8757	0.1243	0.7928	0.5553	0.4960
diabetic		0.5392	0.3072	0.3674	0.0017	0.3653
diabetic1%		0.5000	0.3333	0.2222	-0.0627	0.5963
diabetic10%		0.5344	0.3104	0.3193	-0.0026	0.4507
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8667	0.0667	0.8057	0.8140	0.1868
diamonds_all		0.6339	0.1465	0.5729	0.4605	0.4111
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5272	0.4728	0.5184	0.0348	0.9695
dota210%		0.5243	0.4757	0.4470	-0.0054	0.5908
drebin		0.9468	0.0532	0.9442	0.8824	0.1956
dropout		0.6907	0.2062	0.6237	0.4338	0.3752
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6968	0.0866	0.1918	0.0280	0.1902
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.3989	0.1717	0.1568	0.2133	0.4126
drug-07		0.4309	0.1626	0.1702	0.0032	0.2665
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1559	0.1186	0.4637
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5851	0.1185	0.1670	0.2036	0.4325

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-14		0.5745	0.1216	0.2015	0.1587	0.3894
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5851	0.1185	0.2747	0.2761	0.3953
drug-17		0.3830	0.1763	0.1367	0.1287	0.4232
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9104	0.0256	0.9235	0.8912	0.1318
ecoli		0.8235	0.0441	0.5255	0.7481	0.0904
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3200	0.3400	0.3249	0.0909	0.7874
eeg		0.4012	0.0748	0.4106	0.3276	0.5656
eeg-eye		0.7089	0.2911	0.7151	0.3859	0.7031
eeg10%		0.3232	0.0846	0.3037	0.2365	0.5317
eucalyptus		0.5342	0.1863	0.4782	0.3927	0.5005
euthyroid		0.9241	0.0759	0.7405	0.4210	0.4359
exon.vs.intron-freq10%		0.9159	0.0841	0.9173	0.8304	0.3551
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.7222	0.2778	0.7580	0.4204	0.4987
fbis-wc		0.2642	0.0866	0.1827	0.0779	0.3346
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4902	0.5098	0.4721	-0.0541	1.0000
financial-risk		0.6615	0.1128	0.3796	0.3905	0.3027
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.3000	0.1750	0.0577	0.0000	0.3283
fonts10%		0.3693	0.0082	0.1855	0.3179	0.4677
forest		0.8269	0.0865	0.8113	0.7575	0.2001
gas		0.9144	0.0285	0.9137	0.8961	0.1450
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5874	0.2751	0.3490	0.0385	0.4606
gene		0.7035	0.1977	0.7092	0.4510	0.2940
german		0.6700	0.3300	0.5946	0.1176	0.7243
gestures		0.5668	0.2166	0.6193	0.4222	0.4161
gina		0.5101	0.4899	0.3378	0.0000	0.5269
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7619	0.0794	0.5540	0.6477	0.1753
glass-g2		0.6250	0.3750	0.6000	0.2000	0.9105
glassBWFP		0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP		0.8095	0.1905	0.7921	0.5000	0.3750
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.4000	0.0833	0.0000	0.3270
glioma-grade		0.8333	0.1667	0.8276	0.6543	0.6006
green		0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage		0.2667	0.3667	0.1932	-0.0510	0.6169
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
hapt		0.4684	0.0886	0.2986	0.3542	0.2588
har		0.9322	0.0271	0.9338	0.9139	0.1145
har701%		0.8226	0.0507	0.4912	0.7407	0.2355
harth1%		0.8036	0.0327	0.4826	0.7280	0.2012
hayes-roth		0.4375	0.3750	0.3019	0.0769	0.3512

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hcc-survival		0.7059	0.2941	0.7258	0.3200	0.4644
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8889	0.1111	0.8914	0.7596	0.3038
heart-attack		0.8387	0.1613	0.8409	0.6681	0.5327
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.9380	0.0620	0.9280	0.8496	0.2522
heart-quantum		0.8600	0.1400	0.8604	0.7154	0.5305
hepatitis		0.9333	0.0667	0.9148	0.8148	0.4011
hepmass1%		0.8173	0.1827	0.8214	0.6341	0.6007
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.5809	0.4191	0.5813	0.1276	0.8417
higgs1%		0.6221	0.3779	0.6223	0.2214	0.8537
higher		0.1429	0.2143	0.0385	-0.0839	0.4472
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.5938	0.4062	0.6124	0.1475	0.7321
hiv1-proteasa		0.8735	0.1265	0.7408	0.4231	0.5012
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.8429	0.1571	0.8160	0.6216	0.5669
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.8665	0.0890	0.8724	0.8004	0.2980
htru2		0.9760	0.0240	0.9240	0.8423	0.1867
hypothyroid		0.9257	0.0371	0.4141	0.3029	0.0849
hypothyroidT		0.9310	0.0690	0.6858	0.2176	0.3180
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9153	0.0423	0.9203	0.8871	0.1335
ionosphere		0.7143	0.2857	0.6654	0.1206	0.4373
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0372	0.0741	0.0028	0.0000	0.4203
jm1		0.8136	0.1864	0.6218	0.0957	0.4856
jvowels		0.9689	0.0069	0.9685	0.9647	0.0560
kc1		0.8531	0.1469	0.6744	0.0982	0.2917
kc1-class-level-defectiveornot		0.6000	0.4000	0.5833	0.1667	0.9308
kc1-class-level-numericdefect		0.5714	0.0357	0.0303	-0.0633	0.1507
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.6501	0.2145	0.6041
kdc-4007		0.1721	0.2366	0.2387	0.0237	0.3954
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9945	0.0005	0.4896	0.9907	0.0066
kepler		0.8138	0.1241	0.7577	0.6903	0.2479
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.5504	0.0500	0.5655	0.4943	0.3963
krvskp		0.9122	0.0878	0.9143	0.8231	0.3592
la1s-wc		0.3079	0.2307	0.2433	0.0156	0.3627
la2s-wc		0.3146	0.2285	0.1990	0.0267	0.3588
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.4412	0.0279	0.2565	0.4196	0.1237
led24		0.5500	0.0900	0.5455	0.4930	0.2225
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.8780	0.0094	0.8811	0.8731	0.1188
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
libra		0.8056	0.0259	0.8083	0.7916	0.0829
linkage1%		0.9995	0.0005	0.9628	0.9228	0.0031
liver		0.7353	0.2647	0.7410	0.4594	0.7175
loan		0.8852	0.1148	0.8770	0.7486	0.4527
localization		0.6029	0.0722	0.3789	0.4764	0.3887
localization10%		0.5850	0.0755	0.3458	0.4523	0.4327
lrs		0.8302	0.0340	0.3651	0.7603	0.1140
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.2500	0.2143	0.0571	0.0000	0.3217
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.6667	0.3333	0.7065	0.2703	0.4882
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure		0.9043	0.0957	0.9019	0.8035	0.4270
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7717	0.2283	0.7470	0.4273	0.5683
malware		0.8649	0.1351	0.7597	0.3934	0.2846
mammography		0.8229	0.1771	0.8273	0.6477	0.5966
marketing		0.8705	0.1295	0.7007	0.1904	0.2699
maternal		0.6733	0.2178	0.6767	0.4963	0.5107
math		0.6500	0.1750	0.5165	0.4111	0.2925
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.2300	0.3080	0.1297	0.0278	0.5329
messidor		0.6174	0.3826	0.6326	0.2526	0.8672
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		0.8889	0.0741	0.9106	0.8235	0.1370
meter-C		0.2778	0.3611	0.1087	0.0000	0.3839
meter-D		0.5556	0.2222	0.3982	0.3455	0.2802
mfeat-fac		0.9650	0.0070	0.9665	0.9611	0.0415
mfeat-fou		0.7200	0.0560	0.7378	0.6889	0.2109
mfeat-kar		0.9400	0.0120	0.9415	0.9333	0.0701
mfeat-mor		0.7000	0.0600	0.6997	0.6667	0.2162
mfeat-pix		0.5650	0.0870	0.6997	0.5167	0.2310
mfeat-zer		0.8100	0.0380	0.8148	0.7889	0.1283
mice-prot		0.9907	0.0023	0.9919	0.9894	0.0117
milk		0.9057	0.0629	0.9013	0.8558	0.2316
mines		0.3824	0.2471	0.3718	0.2231	0.5173
mobile		0.4301	0.0204	0.5095	0.4197	0.2255
monks-1		0.6545	0.3455	0.6581	0.3056	0.8489
monks-2		0.7541	0.2459	0.7156	0.4227	0.7534
monks-3		0.8929	0.1071	0.8927	0.7854	0.4527
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0115
music		0.4639	0.0975	0.4683	0.3257	0.4727
musk		0.9470	0.0530	0.8928	0.7704	0.2448
MUT_ci300400a_cdk_ECFP2		0.6859	0.3141	0.6730	0.3053	0.7591
MUT_ci300400a_cdk_ECFP4		0.6455	0.3545	0.6671	0.1716	0.5271
MUT_ci300400a_cdk_ECFP6		0.6299	0.3701	0.6487	0.1334	0.5476
MUT_ci300400a_cdk_ESTATE		0.7350	0.2650	0.7259	0.4513	0.7784
MUT_ci300400a_cdk_EXTENDED		0.7182	0.2818	0.7172	0.3727	0.6552
MUT_ci300400a_cdk_FCFP2		0.7473	0.2527	0.7368	0.4596	0.7286
MUT_ci300400a_cdk_FCFP4		0.6787	0.3213	0.6646	0.2881	0.7679
MUT_ci300400a_cdk_FCFP6		0.6715	0.3285	0.6745	0.2497	0.6383

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_MACCS		0.7638	0.2362	0.7547	0.4964	0.7020
MUT_ci300400a_cdk_PUBCHEM		0.7904	0.2096	0.7862	0.5487	0.6178
MUT_ci300400a_cdk_STANDARD		0.7054	0.2946	0.7006	0.3434	0.6879
MUT_ci300400a_rdkit_descriptors		0.7845	0.2155	0.7778	0.5515	0.6870
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.8916	0.1084	0.8919	0.7831	0.4526
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.1852	0.0317	0.0000	0.3342
ncRNA1%		0.8936	0.0112	0.3913	0.6837	0.2099
ncRNA10%		0.8969	0.0109	0.3960	0.6950	0.2783
neo		0.9046	0.0954	0.6450	0.0411	0.2506
new-thyroid		0.8571	0.0952	0.7816	0.6111	0.1771
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.1008	0.0409	0.0883	0.0319	0.3944
newspop		0.6483	0.3517	0.6463	0.2924	0.8826
NHANES_age_prediction		0.9031	0.0969	0.7968	0.5444	0.3922
nomao		0.9362	0.0638	0.9206	0.8401	0.3325
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.9390	0.0244	0.5707	0.9097	0.0806
obesity		0.7014	0.0853	0.7472	0.6488	0.2271
obs		0.8426	0.0787	0.8765	0.7624	0.2032
occupancy		0.9878	0.0122	0.9834	0.9663	0.1354
Occupancy_Estimation		0.9664	0.0168	0.9008	0.8925	0.0991
oh0-wc		0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc		0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc		0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc		0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.8596	0.0312	0.8710	0.8180	0.0958
opn310k		0.9106	0.0894	0.6216	0.0619	0.3163
opn310k10%		0.9123	0.0877	0.6269	0.1657	0.4980
opnat310k-hg16-17		0.9116	0.0884	0.6418	0.0690	0.2801
optdigits		0.9306	0.0139	0.9349	0.9229	0.0885
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.1250	0.0437	0.1115	0.1026	0.3724
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6701	0.3299	0.5865	0.0577	0.6046
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5476	0.4524	0.6186	0.0360	0.5206
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9506	0.0197	0.5939	0.6578	0.1683
parkinson		0.8833	0.1167	0.8791	0.7539	0.4593
parkinsons		0.7488	0.2512	0.7255	0.4434	0.7521
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.8742	0.1258	0.8386	0.6719	0.5230
particle10%		0.8662	0.1338	0.8273	0.6468	0.5363
pasture		0.0000	0.6667	0.0000	-0.4545	0.6061
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia		0.2353	0.2185	0.0544	0.0000	0.3686
pendigits		0.9773	0.0046	0.9776	0.9747	0.0332
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.7778	0.2222	0.7568	0.4000	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
persistency			0.7055	0.2945	0.6827	0.2755	0.6366
personalities			0.9725	0.0034	0.9727	0.9707	0.0478
pet-adoption			0.8450	0.1550	0.8194	0.6280	0.5589
phishing			0.9347	0.0653	0.9312	0.8620	0.3214
PhiUSIIL			0.9858	0.0142	0.9856	0.9710	0.0877
PhiUSIIL10%			0.9686	0.0314	0.9682	0.9355	0.1683
phone-acc0.1%			0.6340	0.1046	0.6036	0.5710	0.3903
phone-acc1%			0.6981	0.0863	0.6755	0.6462	0.3366
phone-gyr0.1%			0.5190	0.1374	0.5193	0.4346	0.4529
phone-gyr1%			0.6146	0.1101	0.6209	0.5473	0.3683
phoneme			0.8296	0.1704	0.7919	0.5838	0.6527
phy			0.6840	0.3160	0.6846	0.3677	0.8373
pima			0.6974	0.3026	0.6769	0.2974	0.7169
pirvision			0.9869	0.0087	0.9742	0.9575	0.0395
placement			0.7840	0.2160	0.7789	0.5578	0.6990
plant-growth			0.6842	0.3158	0.6833	0.3667	0.8414
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5083	0.0983	0.1010	0.0407	0.2552
poker10%			0.5190	0.0962	0.1041	0.0662	0.2578
polish-1st			0.9630	0.0370	0.6786	0.0689	0.1081
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.6746	0.3254	0.6359	0.1238	0.5710
popularity			0.6449	0.2367	0.4560	0.1887	0.5245
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.7804	0.0878	0.7939	0.7252	0.2582
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6816	0.3529	0.8237
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.4545	0.0496	0.2614	0.3845	0.2126
processed			0.9065	0.0935	0.8911	0.7790	0.4115
profb			0.7164	0.2836	0.6558	0.1989	0.6087
promoters			0.4000	0.6000	0.2857	0.0000	0.5239
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio			0.9305	0.0278	0.9264	0.9060	0.1094
puc-rio10%			0.8817	0.0473	0.8848	0.8391	0.1388
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5064	0.4936	0.5066	0.0127	0.9845
pulsar			0.9761	0.0239	0.9251	0.8402	0.1171
raisin			0.8556	0.1444	0.8599	0.7111	0.5111
rcv11%			0.2611	0.0360	0.0431	0.0280	0.3116
re0-wc			0.4600	0.0831	0.2738	0.1295	0.2879
re1-wc			0.2831	0.0573	0.0859	0.0833	0.3177
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.6690	0.3310	0.7143	0.2935	0.4902
reuters21578			0.4687	0.0221	0.0701	0.0540	0.2111
rice			0.9874	0.0126	0.9873	0.9744	0.0865
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6372	0.3628	0.6236	0.2471	0.8976
RT_IOT2022			0.9765	0.0039	0.9205	0.9396	0.0264
satimage			0.8538	0.0487	0.8263	0.8179	0.1831
satimageF			0.9922	0.0078	0.9799	0.9597	0.1105
satimageT			0.9316	0.0684	0.7907	0.5707	0.4991
scadi			0.7143	0.0816	0.3673	0.5882	0.1060

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5588	0.4412	0.5616	0.1176	0.9407
sclerosis			0.9259	0.0741	0.9288	0.8475	0.2500
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.9962	0.0038	0.9962	0.9924	0.0330
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8701	0.0371	0.8808	0.8485	0.1493
segmentation			0.8069	0.1931	0.7835	0.5558	0.6399
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9057	0.0943	0.6821	0.1071	0.2156
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-3-gram			0.8684	0.1316	0.6013	0.1055	0.5237
sens-4-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-5-gram			0.8632	0.1368	0.5547	0.0445	0.5361
sens-6-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-7-gram			0.8632	0.1368	0.4633	-0.0102	0.4508
sens-8-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-9-gram			0.8632	0.1368	0.5313	0.0179	0.4988
sensorless			0.7212	0.0507	0.7222	0.6933	0.2965
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8629	0.1371	0.6731	0.2452	0.5074
shuttle			0.9753	0.0070	0.7662	0.9312	0.0831
sick			0.9496	0.0504	0.7516	0.4051	0.2858
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin10%			0.9779	0.0221	0.9688	0.9356	0.2172
smarket			0.7840	0.2160	0.8135	0.5632	0.4392
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.7368	0.2632	0.7175	0.4350	0.7835
soil_pollution			0.2100	0.3160	0.2056	0.0117	0.8526
solar-flare			0.7338	0.0887	0.5648	0.6557	0.2102
sonar			0.6500	0.3500	0.7149	0.3000	0.5049
soybean			0.8971	0.0108	0.9113	0.8866	0.0518
spam-detection			0.9500	0.0500	0.8376	0.6683	0.4245
spambase			0.8283	0.1717	0.8265	0.6165	0.4762
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer			0.4340	0.0236	0.1810	0.3915	0.1817
splice-EI			0.8549	0.1451	0.8026	0.5250	0.3095
splice-IE			0.8486	0.1514	0.7810	0.4620	0.3131
sport-articles			0.7900	0.2100	0.7702	0.5143	0.6285
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.2667	0.3889	0.1667	0.4654
startup			0.7419	0.2581	0.7304	0.3261	0.4308
steel_industry			0.7908	0.1395	0.7506	0.6616	0.4172
steel-b			0.8513	0.1487	0.7598	0.5130	0.6362
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9795	0.0205	0.9682	0.9359	0.1450
steel-o			0.7846	0.2154	0.7535	0.4911	0.6780
steel-p			0.9231	0.0769	0.6576	0.1895	0.4020
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271
stellar			0.8730	0.0847	0.8562	0.7595	0.2640
stock			0.8264	0.1736	0.6619	0.0615	0.3241
stockb			0.8634	0.0910	0.8733	0.7953	0.1908

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
streaming			0.7960	0.2040	0.7954	0.5790	0.6375
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6150	0.1540	0.3265	0.3585	0.4205
student-depression			0.7115	0.2885	0.6993	0.3664	0.7436
student-habits			0.4200	0.2320	0.2088	0.0681	0.4013
student-weekend			0.4000	0.2400	0.2482	0.0552	0.4572
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.5385	0.3077	0.6292	0.2642	0.3558
susy1%			0.7374	0.2626	0.7456	0.4544	0.6725
swarm_aligned			0.9846	0.0154	0.9821	0.9636	0.0720
swarm_flocking			0.9213	0.0787	0.9265	0.8426	0.2798
swarm_grouped			0.9338	0.0662	0.9315	0.8536	0.2170
tae			0.4000	0.4000	0.4101	0.1000	0.7275
telco-churn			0.8693	0.1307	0.8237	0.6310	0.5034
texture			0.9527	0.0086	0.9518	0.9479	0.0652
theorem			0.9493	0.0507	0.9495	0.8938	0.1912
thoracic			0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7368	0.2632	0.6690	0.1244	0.4184
tic-tac-toe			0.9684	0.0316	0.9650	0.9276	0.1262
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8136	0.1864	0.7881	0.5021	0.4299
tourist			0.5000	0.1667	0.1212	0.0857	0.2472
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.5287	0.0286	0.7084
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.3226	0.1694	0.1560	0.0510	0.3512
trec21-wc			0.6970	0.1010	0.1369	0.0000	0.2028
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3978	0.2007	0.2525	0.0402	0.3253
trec41-wc			0.2955	0.1409	0.1193	0.0187	0.3223
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.9596	0.0404	0.9358	0.8693	0.2376
turkish			0.6750	0.1625	0.7062	0.5667	0.3850
tvnews			0.8453	0.1547	0.8329	0.6446	0.5023
tvnews1%			0.7385	0.2615	0.7160	0.3613	0.6234
tvnews10%			0.7857	0.2143	0.7681	0.4918	0.5858
ur3_cobotops_grip			0.9714	0.0286	0.7155	0.3874	0.4334
ur3_cobotops_stop			0.9673	0.0327	0.6957	0.2413	0.2517
urban			0.6716	0.0730	0.6470	0.6102	0.2166
urinalysis			0.9371	0.0629	0.4838	-0.0126	0.4999
url-rep1%			0.6937	0.3063	0.6607	0.1125	0.4527
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7024	0.1488	0.6570	0.5970	0.3474
vehicleVAN			0.9405	0.0595	0.9196	0.8387	0.3402
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.3131	0.1249	0.4672	0.2444	0.3278
vowelZ			0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17			0.9113	0.0887	0.6623	0.0446	0.2160
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p			0.1905	0.1619	0.2051	0.1053	0.3669

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc1%			0.6710	0.0940	0.6627	0.6148	0.3804
watch-gyr1%			0.5306	0.1341	0.5290	0.4511	0.4750
water_pollution			0.2533	0.3733	0.1316	-0.0084	0.4946
waveform			0.8420	0.1053	0.8454	0.7631	0.3427
weather-related			0.9442	0.0101	0.9537	0.9367	0.0697
web-phishing			0.8074	0.1284	0.5592	0.6406	0.3951
Weekly			0.8519	0.1481	0.8590	0.6910	0.4312
weight-lift			0.9521	0.0192	0.9516	0.9393	0.0918
white-clover			0.6667	0.1667	0.3125	0.2500	0.3385
wifi-loc			0.9800	0.0100	0.9807	0.9733	0.0413
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5786	0.1405	0.2712	0.3081	0.4393
winequality-white			0.5685	0.1233	0.2988	0.3070	0.4365
winnipeg			0.9901	0.0028	0.9612	0.9875	0.0211
winnipeg10%			0.9834	0.0047	0.9540	0.9790	0.0311
wisc_bc			0.9123	0.0877	0.9091	0.8017	0.2562
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5068	0.0986	0.3363	0.3620	0.3551
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053
zip			0.7849	0.0430	0.8138	0.7557	0.1856

Table 199: Detailed results for ROCC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1446	0.0815	0.0902	0.0560	0.4860
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9634	0.0366	0.9208	0.8331	0.1869
adult		0.8012	0.1988	0.6899	0.3550	0.7010
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.6098	0.2105	0.8520
AID644red		0.5000	0.5000	0.4048	-0.1905	0.9701
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9901	0.0099	0.4975	-0.0014	0.3140
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8028	0.1972	0.7080	0.4036	0.7116
air_pollution		0.3733	0.1790	0.1245	0.0432	0.5414
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.6635	0.3365	0.6539	0.2771	0.8040
alcohol		0.7143	0.1143	0.2921	0.1775	0.2131
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7535	0.2465	0.7174	0.4134	0.7240
anneal		0.9213	0.0315	0.8927	0.8258	0.1637
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8734	0.0633	0.6151	0.7599	0.2957
anuran-genus		0.8790	0.0302	0.6768	0.7937	0.2517
anuran-species		0.9347	0.0131	0.8538	0.9089	0.1164
anxiety		0.1250	0.1944	0.1323	0.0143	0.7728
apple-quality		0.6400	0.3600	0.6406	0.2800	0.8876
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia		0.7111	0.0578	0.5445	0.5451	0.3175
auction		0.8775	0.1225	0.6686	0.0652	0.2579

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.7727	0.0413	0.6629	0.7264	0.1006
audit-risk		0.9487	0.0513	0.9501	0.8952	0.2451
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9655	0.0345	0.9665	0.9308	0.1598
autos		0.5500	0.1800	0.4663	0.4098	0.3595
avila		0.5664	0.0723	0.4105	0.3554	0.3859
babies		0.4355	0.1613	0.1902	0.1230	0.4702
balance		0.9032	0.0645	0.7880	0.8263	0.3392
bank		0.9043	0.0957	0.7183	0.4120	0.5728
banknote		0.8467	0.1533	0.8484	0.6932	0.5588
bankruptcy		0.9600	0.0400	0.9606	0.9180	0.2092
barleyblumeria		0.8779	0.1221	0.8683	0.7205	0.4209
basehock		0.9497	0.0503	0.9498	0.8995	0.2653
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.7333	0.2667	0.7073	0.4000	0.7615
biomed		0.8571	0.1429	0.8467	0.6897	0.5386
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5269	0.2366	0.5287	0.3692	0.5893
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.6786	0.3214	0.5195	0.0308	0.8648
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.9000	0.0333	0.8192	0.8485	0.0568
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7529	0.1236	0.5561	0.5378	0.3760
car-insurance		0.7660	0.2340	0.7122	0.4152	0.7453
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.7746	0.0451	0.7128	0.7288	0.2514
cardiotocography-nsp		0.8404	0.1064	0.6757	0.4956	0.4609
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0104
cars		0.6000	0.2667	0.4138	0.2099	0.6583
cas_N6512_cdk_ECFP2		0.6882	0.3118	0.6853	0.3702	0.8370
cas_N6512_rdkit_ATOMPAIR		0.6262	0.3738	0.6256	0.2509	0.9028
cas_N6512_RDkit_AtomPair_FP		0.6166	0.3834	0.6127	0.2249	0.9146
cas_N6512_rdkit_AVALON		0.6283	0.3717	0.6227	0.2409	0.8957
cas_N6512_RDkit_Avalon_FP		0.6304	0.3696	0.6252	0.2415	0.8832
cas_N6512_rdkit_descriptors		0.5877	0.4123	0.5926	0.1822	0.9251
cas_N6512_rdkit_FEATMORGAN		0.6574	0.3426	0.6538	0.2965	0.8504
cas_N6512_RDkit_Featmorgan_FP		0.7055	0.2945	0.7030	0.3996	0.8016
cas_N6512_RDkit_FP		0.6426	0.3574	0.6379	0.2691	0.8761
cas_N6512_rdkit_LAYERED		0.6615	0.3385	0.6619	0.3229	0.8643
cas_N6512_RDkit_Layered_FP		0.6304	0.3696	0.6290	0.2579	0.9000
cas_N6512_rdkit_MACCS		0.6667	0.3333	0.6630	0.3248	0.8614
cas_N6512_RDkit_MACCS_FP		0.6595	0.3405	0.6558	0.3104	0.8694
cas_N6512_rdkit_MORGAN		0.7031	0.2969	0.7011	0.4022	0.8182

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.7101	0.2899	0.7083	0.4167	0.8088
cas_N6512_rdkit_PATTERN		0.6385	0.3615	0.6336	0.2637	0.8875
cas_N6512_RDkit_pattern_FP		0.6518	0.3482	0.6476	0.2930	0.8759
cas_N6512_rdkit_RDKITFP		0.6190	0.3810	0.6134	0.2207	0.9007
cas_N6512_rdkit_TORSION		0.6969	0.3031	0.6966	0.3927	0.8236
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7358	0.2642	0.7059	0.4111	0.7906
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9683	0.0317	0.7721	0.4528	0.2199
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9364	0.0636	0.6133	0.0185	0.2066
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	-0.0001	0.2293
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8150	0.1850	0.6590	0.2692	0.6641
churn-bigml		0.8914	0.1086	0.7469	0.4544	0.5194
ci900367j_MACCS		0.6526	0.3474	0.6042	0.1356	0.7307
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.4807	0.4350	0.4320
cjs		0.8643	0.0452	0.8771	0.8359	0.1148
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7796	0.1102	0.5408	0.6570	0.3303
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7500	0.4783	0.3555
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4830	0.3447	0.4476	0.1601	0.7305
cnae-9		0.7778	0.0494	0.8015	0.7500	0.2014
codon_usage		0.6577	0.0622	0.4313	0.5768	0.3395
coil20		0.9514	0.0049	0.9545	0.9488	0.0317
college		0.9091	0.0909	0.8921	0.7806	0.4581
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.6207	0.3793	0.4955	-0.0063	0.8798
colposcopies-2		0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3		0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7931	0.2069	0.7929	0.5857	0.6774
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.6774	0.2151	0.6091	0.4859	0.4369
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7548	0.2452	0.7551	0.5093	0.7401
coupon		0.6230	0.3770	0.6061	0.2053	0.9006
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.6795	0.0916	0.4398	0.4698	0.3504

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.8926	0.1074	0.7295	0.4072	0.5106
covtypeT		0.9291	0.0709	0.6164	0.1531	0.4925
crabs		0.6500	0.1750	0.6766	0.5333	0.3524
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8221	0.0593	0.5480	0.6000	0.3561
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.3125	0.0430	0.2712	0.2903	0.1314
customer-churn		0.9808	0.0192	0.6810	0.2870	0.3818
cybersecurity		0.1933	0.2689	0.1946	0.0301	0.8474
cyclopentane		0.5926	0.4074	0.6272	0.2205	0.8244
cylinder-bands		0.7037	0.2963	0.7121	0.4138	0.7853
darwin		0.7222	0.2778	0.7358	0.4444	0.7161
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8197	0.1803	0.7133	0.4160	0.6967
defect		0.8395	0.1605	0.5888	0.0727	0.5192
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8843	0.1157	0.6513	0.2679	0.6276
depressed		0.8322	0.1678	0.5828	0.0525	0.4903
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.3750	0.4167	0.3158	0.0244	0.6574
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.7467	0.5122	0.3099
DIA		0.7667	0.2333	0.6269	0.1515	0.6104
diabetes		0.8462	0.1538	0.8375	0.6750	0.5822
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5624	0.2917	0.4399	0.1360	0.5458
diabetic1%		0.5686	0.2876	0.3718	0.1633	0.5242
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8667	0.0667	0.7970	0.8129	0.1694
diamonds_all		0.5671	0.1732	0.4695	0.3614	0.4851
dishonest		0.9062	0.0938	0.8927	0.7624	0.2534
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.4167	0.5833	0.2941	-0.3125	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5806	0.4194	0.5764	0.1502	0.9398
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7156	0.1896	0.6222	0.5142	0.5152
drug-01		0.3777	0.1778	0.1572	0.0076	0.4962
drug-02		0.3936	0.1733	0.1190	0.0196	0.4544
drug-03		0.6915	0.1028	0.1367	0.0096	0.2131
drug-04		0.5319	0.1337	0.1363	0.0415	0.3408
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4309	0.1626	0.2975	0.2745	0.4977
drug-07		0.4521	0.1826	0.1609	0.0687	0.3810
drug-08		0.5691	0.1231	0.1735	0.1070	0.3546
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5319	0.1337	0.1380	0.0966	0.3689
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-13		0.5904	0.1170	0.1609	0.2082	0.3969
drug-14		0.5745	0.1216	0.1937	0.0444	0.3062
drug-15		0.7553	0.0699	0.1237	0.0222	0.2430
drug-16		0.5904	0.1365	0.3068	0.2792	0.3398
drug-17		0.3617	0.1824	0.1739	0.1247	0.5716
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7606	0.0684	0.1234	-0.0143	0.2847
drybean		0.9067	0.0267	0.9157	0.8870	0.1399
ecoli		0.7647	0.0784	0.6137	0.6675	0.2207
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2600	0.3700	0.2594	0.0115	0.8402
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.5895	0.4105	0.5757	0.1425	0.9198
eeg10%		0.2910	0.0886	0.2127	0.2056	0.5599
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5616	0.1753	0.5520	0.4359	0.4383
euthyroid		0.9019	0.0981	0.6037	0.0940	0.4479
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8183	0.1817	0.8253	0.6393	0.5897
fakenews		0.5325	0.4675	0.5321	0.0637	0.9777
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.7805	0.0258	0.7377	0.7493	0.1652
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5686	0.4314	0.5666	0.0556	0.6935
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.8846	0.0577	0.8750	0.8402	0.1464
gas		0.7505	0.0832	0.7547	0.6985	0.3128
gastrointestinal		0.4375	0.3750	0.3736	0.1220	0.6511
gender		0.5832	0.2779	0.3498	0.0510	0.4926
gene		0.7539	0.1640	0.7488	0.6198	0.4895
german		0.6900	0.3100	0.6322	0.2439	0.8259
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.8473	0.1527	0.8472	0.6943	0.5664
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7619	0.0794	0.7566	0.6667	0.1993
glass-g2		0.6250	0.3750	0.6291	0.2500	0.8686
glassBWFP		0.7619	0.2381	0.7548	0.5070	0.7331
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.8571	0.1429	0.7955	0.5039	0.3038
glassTableware		0.9091	0.0909	0.7843	0.4634	0.5000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8333	0.1667	0.8362	0.6653	0.5817
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4000	0.3000	0.4620	0.1718	0.5343
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.8820	0.0197	0.8048	0.8605	0.1206
har		0.1840	0.3264	0.0622	0.0000	0.3998
har70		0.4777	0.1492	0.0924	0.0000	0.2651

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har701%		0.7668	0.0666	0.3901	0.6200	0.1374
har7010%		0.5753	0.1213	0.2979	0.2492	0.2229
harth		0.4492	0.0918	0.0517	0.0000	0.2692
harth1%		0.6770	0.0538	0.2323	0.5420	0.2070
harth10%		0.6221	0.0630	0.2331	0.4441	0.2449
hayes-roth		0.5000	0.3333	0.6124	0.2381	0.4631
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8387	0.1613	0.8409	0.6681	0.5327
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.8540	0.1460	0.8287	0.6570	0.5834
heart-quantum		0.8400	0.1600	0.8333	0.6667	0.5927
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.5951	0.4049	0.5990	0.1881	0.9044
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%		0.6091	0.3909	0.6055	0.2000	0.8960
higgs1%		0.5315	0.4685	0.5309	0.0003	0.5271
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.1509	0.0375	0.3586
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8750	0.1250	0.8765	0.7470	0.4704
hiv1-proteasa		0.8988	0.1012	0.8028	0.5867	0.4905
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.4358	0.2174	0.3601
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.5321	0.3119	0.5335	0.2914	0.7078
htru2		0.9726	0.0274	0.9133	0.8224	0.2490
hypothyroid		0.9337	0.0332	0.5322	0.4492	0.2139
hypothyroidT		0.9390	0.0610	0.7437	0.3251	0.1589
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9540	0.0230	0.9545	0.9387	0.0854
ionosphere		0.7714	0.2286	0.7235	0.4422	0.7427
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9400	0.0600	0.9392	0.8777	0.2958
isolet		0.8691	0.0101	0.8746	0.8638	0.1037
jm1		0.8090	0.1910	0.5967	0.0606	0.4922
jvowels		0.8384	0.0359	0.8269	0.8166	0.2151
kc1		0.8626	0.1374	0.6845	0.3196	0.5977
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.5385	0.1846	0.2857	0.1522	0.4224
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%		0.9953	0.0007	0.8815	0.9921	0.0274
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.3020	0.0776	0.2876	0.2063	0.5552
krvskp		0.7837	0.2163	0.7962	0.5598	0.5892
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
labor		0.5000	0.5000	0.6604	0.1818	0.5239
leaf		0.6471	0.0307	0.5774	0.6291	0.0990
led24		0.6000	0.0889	0.5774	0.5455	0.2056
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.6745	0.0250	0.6850	0.6614	0.2970
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.5833	0.0556	0.5998	0.5519	0.1783
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.5588	0.4412	0.5978	0.1694	0.8239
loan		0.7963	0.2037	0.7784	0.5503	0.6687
localization		0.2718	0.1324	0.1999	0.1228	0.4746
localization10%		0.3926	0.1104	0.1423	0.1444	0.4611
lrs		0.8113	0.0539	0.7902	0.7405	0.1784
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		0.7500	0.1000	0.8000	0.6863	0.1500
lung-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8723	0.1277	0.8745	0.7428	0.4928
madelon		0.6423	0.3577	0.6427	0.2846	0.8864
magic04		0.7843	0.2157	0.7561	0.5065	0.7026
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8646	0.1354	0.8653	0.7292	0.5220
marketing		0.8571	0.1429	0.6507	0.2657	0.6551
maternal		0.6634	0.2244	0.6652	0.4802	0.4893
math		0.8250	0.0875	0.8178	0.7252	0.2331
mba		0.8403	0.1065	0.4005	0.0432	0.2268
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2233	0.3107	0.2221	0.0298	0.8517
messidor		0.6000	0.4000	0.5931	0.1862	0.9298
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.8205	0.6949	0.2446
meter-D		0.8333	0.0833	0.8220	0.7642	0.1445
mfeat-fac		0.9200	0.0160	0.9209	0.9111	0.0924
mfeat-fou		0.7400	0.0520	0.7371	0.7111	0.2369
mfeat-kar		0.8800	0.0240	0.8836	0.8667	0.1267
mfeat-mor		0.6800	0.0640	0.6827	0.6444	0.2156
mfeat-pix		0.9350	0.0130	0.9378	0.9278	0.0744
mfeat-zer		0.7050	0.0590	0.7045	0.6722	0.2543
mice-prot		0.9722	0.0069	0.9751	0.9682	0.0214
milk		0.8302	0.1132	0.8496	0.7479	0.3077
mines		0.2941	0.2824	0.3633	0.1282	0.5984
mobile		0.8357	0.0059	0.8473	0.8327	0.0778
monks-1		0.5818	0.4182	0.5817	0.1606	0.9364
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.8571	0.1429	0.8737	0.7168	0.3812
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9176	0.0824	0.9175	0.8349	0.3791
music		0.4556	0.0990	0.4406	0.3268	0.5238
musk		0.8727	0.1273	0.7220	0.4255	0.6193

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.6547	0.3453	0.6348	0.2610	0.8681
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.6655	0.3345	0.6486	0.2928	0.8636
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.6541	0.3459	0.6499	0.2992	0.8741
myocardial		0.8471	0.0382	0.1714	0.0640	0.1237
naticusdroid		0.8994	0.1006	0.8996	0.7989	0.4319
NCI60		0.5000	0.1667	0.5000	0.4000	0.1820
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7916	0.0219	0.1647	0.1361	0.2329
ncRNA1%		0.8686	0.0138	0.2284	0.5747	0.1642
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6135	0.3865	0.6095	0.2170	0.9141
NHANES_age_prediction		0.8722	0.1278	0.7580	0.5158	0.6449
nomao		0.8546	0.1454	0.8249	0.6493	0.5973
NPHA-doctor-visits		0.4722	0.3519	0.2138	-0.0806	0.6633
nursery		0.8650	0.0675	0.7682	0.8011	0.2290
obesity		0.6256	0.1070	0.6232	0.5632	0.3626
obs		0.7407	0.1296	0.7778	0.6038	0.2747
occupancy		0.9407	0.0593	0.9235	0.8423	0.3776
Occupancy_Estimation		0.9358	0.0321	0.8179	0.8061	0.1380
oh0-wc		0.7921	0.0416	0.7769	0.7608	0.2057
oh10-wc		0.7048	0.0590	0.6905	0.6634	0.2608
oh15-wc		0.7065	0.0587	0.7255	0.6673	0.2667
oh5-wc		0.6813	0.0637	0.7030	0.6371	0.2735
olive		0.9298	0.0156	0.9204	0.9124	0.0471
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9152	0.0848	0.6439	0.1745	0.4412
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9093	0.0181	0.9122	0.8991	0.1195
optdigitsZ		0.9840	0.0160	0.9534	0.9055	0.2781
orl		0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9526	0.0474	0.4879	-0.0181	0.6053
ozone8hr		0.9170	0.0830	0.4784	-0.0145	0.5062
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7577	0.2423	0.7149	0.3961	0.6949
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8254	0.1746	0.8328	0.6536	0.5727
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9671	0.0132	0.6908	0.7967	0.0978
parkinson		0.8917	0.1083	0.8883	0.7765	0.4641
parkinsons		0.6303	0.3697	0.6000	0.1992	0.9100
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.8462	0.1538	0.8022	0.6004	0.6046
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5515	0.4485	0.4532	-0.0443	0.8486

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8684	0.1316	0.8146	0.5918	0.4410
pediatric-leukemia			0.7941	0.0588	0.7870	0.7473	0.1949
pendigits			0.8726	0.0255	0.8751	0.8583	0.1627
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.8350	0.1650	0.8072	0.6008	0.5755
phishing			0.9102	0.0898	0.9055	0.8109	0.4093
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.4587	0.1547	0.4053	0.3632	0.5064
phone-acc1%			0.4766	0.1495	0.4351	0.3840	0.4810
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%			0.4350	0.1614	0.4284	0.3363	0.5570
phone-gyr1%			0.4148	0.1672	0.4469	0.3129	0.4972
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7574	0.2426	0.7206	0.4371	0.7564
phy			0.6688	0.3312	0.6693	0.3378	0.8570
pima			0.6711	0.3289	0.6395	0.2555	0.8254
pirvision			0.9882	0.0078	0.9745	0.9628	0.0867
placement			0.7780	0.2220	0.7706	0.5404	0.7083
plant-growth			0.6842	0.3158	0.6960	0.3523	0.7434
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4976	0.1436	0.1384	-0.0002	0.2403
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7308	0.2692	0.6965	0.3876	0.7912
popularity			0.6396	0.2403	0.3773	0.0785	0.4261
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.7128	0.1149	0.7136	0.6408	0.3771
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6400	0.2647	0.8578
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.5152	0.0746	0.4566	0.4601	0.2328
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7015	0.2985	0.6213	0.1918	0.7593
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE			0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio			0.7898	0.0841	0.6885	0.7146	0.3179
puc-rio10%			0.7809	0.0876	0.6664	0.7027	0.3139
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4904	0.5096	0.4882	-0.0196	0.9525
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9785	0.0215	0.9329	0.8580	0.1103
raisin			0.8889	0.1111	0.8893	0.7778	0.4596
re0-wc			0.7667	0.0359	0.7143	0.6881	0.2375
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9819	0.0181	0.9817	0.9634	0.1237
rnaseq			0.0875	0.3650	0.0322	0.0000	0.4005
rocket			0.5806	0.4194	0.5278	0.0454	0.9087

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8258	0.0581	0.8026	0.7852	0.2323
satimageF			0.9829	0.0171	0.9547	0.9078	0.1457
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.5944	0.1765	0.9011
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8874	0.0322	0.8962	0.8685	0.1536
segmentation			0.7772	0.2228	0.7580	0.5159	0.7235
segmentO			0.8528	0.1472	0.4603	0.0000	0.2903
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8632	0.1368	0.4633	-0.0102	0.4508
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.7935	0.0375	0.8032	0.7729	0.1638
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8938	0.1062	0.7776	0.5466	0.5680
shuttle			0.9757	0.0069	0.7064	0.9328	0.2288
sick			0.9523	0.0477	0.8001	0.5996	0.5178
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin			0.7947	0.2053	0.6150	0.1847	0.7101
skin10%			0.9391	0.0609	0.9219	0.8326	0.3844
smarket			0.7120	0.2880	0.7146	0.4210	0.7849
smart-farming			0.1800	0.4100	0.1630	-0.1010	0.8404
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2133	0.3147	0.2153	0.0117	0.7986
solar-flare			0.7194	0.0935	0.5860	0.6367	0.2161
sonar			0.5500	0.4500	0.5525	0.1000	0.9473
soybean			0.9265	0.0077	0.9344	0.9194	0.0436
spam-detection			0.9435	0.0565	0.8088	0.5980	0.4192
spambase			0.8565	0.1435	0.8486	0.6954	0.5455
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.7714	0.2286	0.7131	0.2632	0.3942
spectrometer			0.6346	0.0271	0.5496	0.6138	0.1373
splice-EI			0.8360	0.1640	0.7691	0.5303	0.6379
splice-IE			0.8360	0.1640	0.7489	0.4497	0.5548
sport-articles			0.8200	0.1800	0.8094	0.6182	0.6401
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			0.9570	0.0430	0.9529	0.9048	0.2252
steel_industry			0.7092	0.1939	0.6742	0.5322	0.5261
steel-b			0.7949	0.2051	0.6312	0.2309	0.7311
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9538	0.0462	0.9277	0.8544	0.2918
steel-o			0.7333	0.2667	0.6998	0.3035	0.5905
steel-p			0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9179	0.0821	0.7558	0.5105	0.5941

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stellar			0.8552	0.0965	0.8480	0.7445	0.3388
stock			0.8889	0.1111	0.8068	0.6129	0.5758
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.7520	0.2480	0.7481	0.4913	0.7377
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6100	0.1560	0.3302	0.3563	0.4326
student-depression			0.7821	0.2179	0.7730	0.5378	0.6818
student-habits			0.3500	0.2600	0.1037	-0.0159	0.3675
student-weekend			0.4308	0.2277	0.3813	0.1921	0.6338
student-workday			0.6875	0.1250	0.1645	0.0016	0.2858
studentap			0.4615	0.3590	0.3586	0.1250	0.5394
susy1%			0.7668	0.2332	0.7645	0.5262	0.7172
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.6000	0.2667	0.6923	0.4000	0.3472
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.8727	0.0231	0.8810	0.8596	0.1376
theorem			0.7741	0.2259	0.7839	0.5530	0.6691
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			0.7368	0.2632	0.6991	0.3971	0.7934
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.8284	0.1716	0.7454	0.4407	0.5620
titanic			0.8182	0.1818	0.7908	0.5204	0.4648
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.5882	0.2059	0.6021	0.4516	0.3282
toxicity			0.3529	0.6471	0.3159	-0.3650	1.0000
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.5416	0.0741	0.8524
trec12-wc			0.8065	0.0484	0.8802	0.7692	0.1229
trec21-wc			0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc			0.8095	0.0635	0.6180	0.7237	0.1904
trec31-wc			0.9462	0.0179	0.9168	0.9279	0.0714
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.9417	0.0583	0.9187	0.8316	0.3951
turkish			0.7250	0.1375	0.7446	0.6333	0.3762
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.7846	0.2154	0.7631	0.5211	0.6973
tvnews10%			0.7787	0.2213	0.7547	0.4947	0.6848
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7612	0.0531	0.7346	0.7200	0.1836
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.6429	0.1786	0.6009	0.5102	0.4339
vehicleVAN			0.7500	0.2500	0.6090	0.1923	0.7864
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.9070	0.0930	0.9069	0.8139	0.4119
vowel			0.3838	0.1120	0.3950	0.3222	0.3099
vowelZ			0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.6154	0.0769	0.4847	0.5638	0.1177
warppie10p			0.9048	0.0190	0.9249	0.8939	0.0513
watch-acc1%			0.4936	0.1447	0.5074	0.4063	0.4845
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-gyr1%			0.4944	0.1445	0.5008	0.4084	0.4050
watch-gyr10%			0.5276	0.1350	0.5310	0.4473	0.3976
water_pollution			0.2300	0.3850	0.2211	-0.0305	0.8308
waveform			0.7700	0.1533	0.7697	0.6550	0.4597
weather-related			0.6808	0.0580	0.7055	0.6342	0.2574
web-phishing			0.7630	0.1580	0.5889	0.5663	0.5364
Weekly			0.7593	0.2407	0.7590	0.5165	0.7328
weight-lift			0.5068	0.1973	0.4990	0.3732	0.6404
white-clover			0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc			0.9850	0.0075	0.9850	0.9800	0.0346
wilt			0.0497	0.9503	0.0473	0.0000	0.1299
wine			0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red			0.5157	0.1614	0.2427	0.2110	0.4833
winequality-white			0.4642	0.1786	0.2805	0.1013	0.4361
winnipeg10%			0.9457	0.0155	0.9535	0.9312	0.0891
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.5625	0.0583	0.5179	0.5333	0.1066
yeast			0.5135	0.1081	0.4097	0.3607	0.3486
yeastCYT-POX			0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.8484	0.0303	0.8360	0.8297	0.1969

Table 200: Detailed results for ROPAC-L

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0011	-0.0035	0.4211
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.6000	0.4000	0.6094	0.2000	0.8750
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7333	0.2667	0.4588	-0.0761	0.8605
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
aids		0.8685	0.1315	0.8176	0.6343	0.5805
air_pollution		0.3667	0.1810	0.1313	0.0168	0.6675
alcohol		0.7429	0.1029	0.3441	0.2720	0.2831
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.8233	0.1767	0.8156	0.6267	0.6265
anneal		0.7978	0.0809	0.4145	0.4695	0.2558
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9471	0.0264	0.8955	0.8996	0.1548
anuran-genus		0.9318	0.0170	0.7107	0.8866	0.1378
anuran-species		0.9333	0.0133	0.8663	0.9061	0.1092
anxiety		0.1000	0.2000	0.1005	-0.0131	0.8332
apple-quality		0.5625	0.4375	0.6422	0.1250	0.5566
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.4889	0.1022	0.2814	0.1453	0.4685
auction		0.9314	0.0686	0.8301	0.6448	0.4167
audiology		0.4091	0.1074	0.1887	0.2938	0.2496
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult		0.9286	0.0714	0.9098	0.8032	0.2065
autism-child		0.7586	0.2414	0.7728	0.5108	0.6328
autos		0.7000	0.1200	0.7660	0.5918	0.2113
avila		0.4082	0.0986	0.0880	0.1130	0.4047
babies		0.4435	0.1590	0.1443	0.1110	0.3824
balance		0.7742	0.1505	0.5379	0.5778	0.3489
bank		0.8806	0.1194	0.6662	0.3265	0.6773
banknote		0.6277	0.3723	0.6735	0.1787	0.5007
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8018	0.1982	0.7833	0.5661	0.6782
bio10%		0.9952	0.0048	0.8440	0.6644	0.2276
biodeg		0.8857	0.1143	0.8803	0.7600	0.4858
biomed		0.8095	0.1905	0.8397	0.6316	0.4644
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
body-perf		0.3560	0.3220	0.4113	0.1413	0.4639
brain-tumor		0.5105	0.4895	0.5104	0.0207	0.9927
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.1818	0.8182	0.1833	-0.6230	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
breast-cancer-ma		0.4545	0.5455	0.3125	0.0000	0.5306
breast-tissue		0.3636	0.2121	0.3000	0.2524	0.2316
bridges		0.5000	0.1667	0.2727	0.1379	0.3571
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4630	0.3580	0.3287	-0.0122	0.6938
car		0.9483	0.0259	0.9326	0.8883	0.1817
car-insurance		0.8060	0.1940	0.7695	0.5376	0.6851
card		0.9130	0.0870	0.9107	0.8198	0.3843
cardiotocography		0.5775	0.0845	0.4627	0.5010	0.3270
cardiotocography-nsp		0.8826	0.0782	0.7462	0.6413	0.3513
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6880	0.5402	0.4052
cas_N6512_rdkit_descriptors		0.6446	0.3554	0.6441	0.2879	0.8842
cas_N6512_rdkit_MACCS		0.7419	0.2581	0.7396	0.4784	0.7623
cas_N6512_RDkit_MACCS_FP		0.7515	0.2485	0.7509	0.5015	0.7475
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7202	0.2798	0.6733	0.3081	0.7453
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9683	0.0317	0.7755	0.5158	0.3791
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.6220	0.1410	0.4091
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9419	0.0581	0.4850	-0.0190	0.5933
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.6606	0.1697	0.4685	0.4831	0.4610
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.4630	0.5370	0.5263	0.0366	0.6991
churn-bigml		0.8652	0.1348	0.6825	0.1246	0.2760
ci900367j_MACCS		0.6632	0.3368	0.6255	0.2434	0.8704
circles		0.0300	0.0194	0.0023	0.0202	0.3133
cirrhosis		0.5952	0.2698	0.4758	0.3438	0.5107
cjs		0.9893	0.0036	0.9904	0.9869	0.0140
ckd		0.7000	0.3000	0.6809	0.1781	0.4528
clave		0.7843	0.1079	0.6049	0.6456	0.2913
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5000	0.3333	0.5490	0.2800	0.2183
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4354	0.3764	0.4121	0.0238	0.5059
cnae-9		0.8148	0.0412	0.8271	0.7917	0.1487
codon_usage		0.1366	0.1570	0.1544	0.0579	0.4078
coil20		0.0903	0.0910	0.0930	0.0420	0.2821
college		0.9221	0.0779	0.9105	0.8146	0.4105
collins		0.0400	0.1280	0.0262	0.0050	0.3663
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.3448	0.6552	0.2564	0.0000	0.5054
colposcopies-2		0.3793	0.6207	0.2750	0.0000	0.5184
colposcopies-3		0.4483	0.5517	0.6081	0.0492	0.5288
colposcopies-4		0.8621	0.1379	0.8263	0.5915	0.3064
colposcopies-5		0.3793	0.6207	0.6167	0.1031	0.4098
colposcopies-6		0.4828	0.5172	0.3256	0.0000	0.5300
colposcopies-c		0.5517	0.4483	0.5505	0.0872	0.8036
column-2c		0.8387	0.1613	0.8198	0.5753	0.3439
column-3c		0.7742	0.1505	0.7421	0.6259	0.3339
cottonmeloidogyne		0.7260	0.2740	0.7274	0.4512	0.7764
coupon		0.7153	0.2847	0.7062	0.4029	0.7862

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.9548	0.0452	0.9027	0.8051	0.3676
crabs		0.8000	0.1000	0.8047	0.7333	0.1692
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8488	0.0504	0.6504	0.6849	0.3503
cryotherapy		0.8889	0.1111	0.8953	0.7692	0.3145
cultivars		0.0312	0.0605	0.0156	0.0000	0.2098
customer-churn		0.9800	0.0200	0.6772	0.0555	0.0670
cybersecurity		0.1700	0.2767	0.1622	0.0010	0.8626
cyclopentane		0.7037	0.2963	0.7379	0.3571	0.4732
cylinder-bands		0.7407	0.2593	0.7402	0.4383	0.6625
darwin		0.6111	0.3889	0.6858	0.2222	0.5142
datatrieve		0.6923	0.3077	0.6977	0.2353	0.3900
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8611	0.1389	0.6883	0.2433	0.4348
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8790	0.1210	0.6327	0.2343	0.6503
depressed		0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology		0.9459	0.0180	0.9409	0.9326	0.0579
desharnais		0.7500	0.1667	0.7722	0.5897	0.3125
df_final		0.5625	0.2917	0.4290	0.3000	0.5195
DIA		0.7667	0.2333	0.6645	0.0968	0.3895
diabetes		0.9615	0.0385	0.9594	0.9187	0.2268
diabetic1%		0.5098	0.3268	0.3171	-0.0117	0.5353
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.7099	0.8351	0.0660
diamonds_all		0.6300	0.1480	0.4705	0.4528	0.3621
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor		0.3750	0.6250	0.2727	-0.4286	0.8893
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dota210%		0.5466	0.4534	0.5390	0.0721	0.9468
dropout		0.6140	0.2573	0.5595	0.3741	0.6539
drug-01		0.3936	0.1733	0.1779	0.0972	0.4954
drug-02		0.5053	0.1413	0.1444	-0.0045	0.4198
drug-03		0.6809	0.0912	0.1157	-0.0124	0.3618
drug-04		0.4840	0.1474	0.1466	0.0868	0.5946
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2766	0.2067	0.1838	0.0985	0.5632
drug-07		0.3617	0.1824	0.1315	-0.0365	0.5418
drug-08		0.5106	0.1398	0.0987	-0.0238	0.5105
drug-09		0.8511	0.0426	0.1321	0.0403	0.2447
drug-10		0.5266	0.1353	0.1017	0.0286	0.5013
drug-11		0.8564	0.0410	0.2370	0.0638	0.1191
drug-12		0.7819	0.0623	0.1254	-0.0137	0.2547
drug-13		0.5691	0.1231	0.1054	0.0160	0.3353
drug-14		0.5957	0.1155	0.2035	0.2228	0.4663
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5319	0.1337	0.1940	0.0890	0.3669
drug-17		0.3564	0.1839	0.1803	0.1467	0.6948
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.5474	0.1293	0.5823	0.4396	0.3255
ecoli		0.7647	0.0588	0.3087	0.6646	0.1041
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.7857	0.4762	0.3145
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ecommerce		0.2600	0.3700	0.2622	0.0145	0.8330
eeg-eye		0.5921	0.4079	0.5867	0.1174	0.7818
eeg10%		0.0457	0.1193	0.0630	-0.0250	0.6912
eucalyptus		0.4247	0.2301	0.4307	0.2420	0.4398
euthyroid		0.9051	0.0949	0.6695	0.0567	0.2161
fakenews		0.4425	0.5575	0.4382	-0.1183	1.0000
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.6595	0.1135	0.4370	0.4480	0.4133
fishcatch		0.5625	0.1458	0.5714	0.4510	0.1878
flags		0.3500	0.1857	0.1934	0.1003	0.3120
forest		0.8846	0.0577	0.8913	0.8424	0.1678
gastrointestinal		0.8125	0.1250	0.7812	0.6757	0.2537
gender		0.5705	0.2863	0.2870	0.0089	0.5416
gene		0.8580	0.0946	0.8410	0.7683	0.3323
german		0.7000	0.3000	0.6613	0.1914	0.5773
gestures		0.4127	0.2937	0.4683	0.2156	0.3880
glass		0.7619	0.0794	0.6402	0.6708	0.2336
glass-g2		0.5000	0.5000	0.6522	0.1579	0.5288
glassBWFP		0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP		0.6667	0.3333	0.7042	0.3636	0.7218
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.6842	0.3158	0.7467	0.3871	0.5000
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma-grade		0.8452	0.1548	0.8398	0.6777	0.5692
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.4000	0.3000	0.3278	0.1667	0.6097
gsalc		0.4444	0.1852	0.4627	0.3571	0.2244
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
har		0.3119	0.2752	0.4051	0.1464	0.4568
har701%		0.7664	0.0668	0.3902	0.6204	0.1403
hayes-roth		0.3125	0.4583	0.5486	0.1244	0.4019
hcc-survival		0.7647	0.2353	0.7792	0.4688	0.4308
health-activity		0.7100	0.1450	0.2331	0.0146	0.4076
heart		0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.7333	0.2667	0.7692	0.4444	0.4644
heart-failure		0.9060	0.0940	0.8888	0.7736	0.4100
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hERG-64inputs		0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs		0.6923	0.3077	0.4091	-0.1304	0.8920
higgs0.1%		0.5955	0.4045	0.5969	0.1928	0.9279
higher		0.4286	0.1429	0.2400	0.3129	0.2544
hinselmann		0.6000	0.4000	0.5519	0.0909	0.7720
hitters		0.5000	0.5000	0.5153	0.0266	0.9406
hiv1-proteasa		0.8702	0.1298	0.7324	0.3892	0.4781
horse		0.6667	0.2222	0.6434	0.3425	0.3107
hotel-reservartions		0.7191	0.2809	0.6708	0.1930	0.5290
hr		0.8561	0.1439	0.4612	-0.0135	0.4899
htru2		0.9682	0.0318	0.8974	0.7776	0.1677
hypothyroid		0.9682	0.0159	0.6506	0.7733	0.0456
hypothyroidT		0.9920	0.0080	0.9714	0.9412	0.0338
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
instagram			0.8920	0.0540	0.9028	0.8560	0.1204
ionosphere			0.3143	0.6857	0.2391	0.0000	0.4897
iris			0.7333	0.1778	0.7801	0.6053	0.1585
irish			1.0000	0.0000	1.0000	1.0000	0.0000
jm1			0.8062	0.1938	0.5689	0.0115	0.4068
jvowels			0.7661	0.0520	0.7670	0.7352	0.2779
kc1			0.7725	0.2275	0.4772	-0.0422	0.8270
kc1-class-level-defectiveornot			0.8667	0.1333	0.8696	0.7059	0.3322
kc1-class-level-numericdefect			0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF			0.8000	0.2000	0.4444	-0.0976	0.5661
kc2			0.8077	0.1923	0.8159	0.5674	0.5244
kepler			0.8023	0.1318	0.7400	0.6644	0.3178
kidney-disease			0.9500	0.0500	0.9479	0.8904	0.1808
krkopt			0.0089	0.1101	0.0222	-0.0139	0.5636
krvskp			0.9937	0.0063	0.9937	0.9874	0.0522
leaf			0.0588	0.0818	0.0286	0.0127	0.2376
led24			0.5500	0.0900	0.5975	0.5000	0.2082
letter			0.0555	0.0727	0.0533	0.0178	0.5558
leukemia			0.5714	0.2857	0.5000	0.2759	0.3404
libra			0.1111	0.1185	0.0504	0.0479	0.3643
linkage1%			0.9967	0.0033	0.7073	0.1734	0.0153
liver			0.5882	0.4118	0.7076	0.2938	0.5299
loan			0.6464	0.3536	0.6443	0.0762	0.4814
localization10%			0.1796	0.1492	0.1337	0.0604	0.4602
lrs			0.7736	0.0453	0.4000	0.6806	0.1374
lung			0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete			0.5000	0.1429	0.2286	0.3333	0.2048
lung-cancer-harvard1			0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2			0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan			0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario			0.6667	0.3333	0.4000	0.0000	0.4644
lupus			0.8889	0.1111	0.8953	0.7692	0.3145
lymphography			0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2			0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure			0.9468	0.0532	0.9455	0.8909	0.2850
madelon			0.5077	0.4923	0.5611	0.0154	0.5804
magic04			0.4556	0.5444	0.5859	0.0961	0.6818
malware			1.0000	0.0000	1.0000	1.0000	0.0000
mammography			0.8229	0.1771	0.8235	0.6458	0.6162
marketing			0.8750	0.1250	0.7015	0.3575	0.5768
maternal			0.5644	0.2904	0.4658	0.3328	0.4909
math			0.6500	0.1750	0.3601	0.4130	0.3387
mba			0.8355	0.1097	0.3649	0.0399	0.2775
mental-disorders			0.9167	0.0417	0.9270	0.8889	0.0776
mental-health			0.2667	0.2933	0.2640	0.0832	0.8276
messidor			0.5913	0.4087	0.5689	0.1261	0.9127
meter-A			0.8750	0.1250	0.8730	0.7143	0.3145
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			0.2778	0.3611	0.2062	0.1034	0.4900
meter-D			0.4444	0.2778	0.5458	0.3333	0.2236
mfeat-fac			0.9350	0.0130	0.9361	0.9278	0.0774
mfeat-fou			0.6250	0.0750	0.6146	0.5833	0.2942
mfeat-kar			0.8050	0.0390	0.8166	0.7833	0.2022
mfeat-mor			0.4900	0.1020	0.4551	0.4333	0.2457
mfeat-pix			0.9250	0.0150	0.9283	0.9167	0.0850
mfeat-zer			0.6650	0.0670	0.6761	0.6278	0.2904
mice-prot			0.7778	0.0556	0.7403	0.7446	0.1353
milk			0.8019	0.1321	0.7774	0.6852	0.2890

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mines		0.4412	0.2235	0.2640	0.2870	0.3071
mobile		0.0490	0.0340	0.0444	0.0318	0.3087
monks-1		0.6545	0.3455	0.6560	0.3102	0.8698
monks-2		0.7049	0.2951	0.6597	0.3155	0.8336
monks-3		0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0123
music		0.2506	0.1363	0.1174	0.0701	0.6701
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ESTATE		0.7458	0.2542	0.7350	0.4583	0.7365
MUT_ci300400a_cdk_MACCS		0.8321	0.1679	0.8265	0.6523	0.6037
MUT_ci300400a_rdkit_descriptors		0.6278	0.3722	0.6388	0.2681	0.8677
myocardial		0.8706	0.0324	0.2414	0.2917	0.1026
NCI60		0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA1%		0.7688	0.0243	0.0502	0.2521	0.2804
new-thyroid		0.2857	0.4762	0.4912	0.1667	0.1486
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.4583	0.3611	0.3482	0.0868	0.7483
nursery		0.9745	0.0102	0.7524	0.9626	0.0426
obesity		0.6588	0.0975	0.6718	0.6017	0.3605
obs		0.6759	0.1620	0.6407	0.5118	0.4393
occupancy		0.9844	0.0156	0.9781	0.9562	0.1378
Occupancy_Estimation		0.9566	0.0217	0.8466	0.8673	0.0531
oh15-wc		0.4565	0.1087	0.3978	0.3546	0.3398
oh5-wc		0.4286	0.1143	0.4284	0.3282	0.3129
olive		0.7719	0.0507	0.6980	0.7179	0.1482
optdigits		0.8986	0.0203	0.9012	0.8873	0.1334
optdigitsZ		0.9947	0.0053	0.9834	0.9662	0.0246
orl		0.0500	0.0475	0.0500	0.0256	0.1800
orlraws10P		0.8000	0.0400	0.7652	0.7778	0.0600
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7990	0.2010	0.7681	0.5070	0.6143
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8254	0.1746	0.8245	0.6487	0.6139
page-blocks		0.9269	0.0293	0.4340	0.4016	0.1237
parkinson		0.7333	0.2667	0.7354	0.3945	0.5882
parkinsons		0.7962	0.2038	0.7795	0.5552	0.6758
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle10%		0.8585	0.1415	0.8171	0.6046	0.4780
pc1		0.8108	0.1892	0.7160	0.3249	0.5017
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7500	0.2500	0.4286	0.0000	0.4011
pendigits		0.9263	0.0147	0.9280	0.9181	0.0998
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.7784	0.2216	0.7602	0.4885	0.6353
pet-adoption		0.9000	0.1000	0.8861	0.7610	0.3790
phishing		0.9796	0.0204	0.9789	0.9574	0.1428
phone-acc0.1%		0.3951	0.1728	0.3906	0.2860	0.5827
phone-gyr0.1%		0.1551	0.2414	0.2062	0.0226	0.5218
phoneme		0.7741	0.2259	0.6993	0.2892	0.5384
pima		0.7237	0.2763	0.7618	0.4736	0.6376
pirvision		0.9869	0.0087	0.9765	0.9578	0.0591
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.6842	0.3158	0.6833	0.3667	0.8414
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4829	0.1034	0.2149	0.0608	0.4585
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-2nd			0.9617	0.0383	0.6732	0.0470	0.1111
polish-3rd			0.9457	0.0543	0.5404	0.0492	0.5347
polish-4th			0.9520	0.0480	0.6832	0.2399	0.3351
polish-5th			0.9425	0.0575	0.7226	0.3026	0.2616
polya			0.6995	0.3005	0.6492	0.2644	0.7830
pred-tox_mutagen_ref-desc			0.4706	0.5294	0.4664	-0.0588	0.9811
prestige			0.7778	0.1481	0.5926	0.6400	0.1389
primary-tumor			0.2121	0.1212	0.1437	0.1100	0.3127
profb			0.6716	0.3284	0.5946	0.1793	0.8739
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.6429	0.3571	0.6774	0.1860	0.4929
prostate_GE			0.6364	0.3636	0.6553	0.2903	0.8322
puc-rio10%			0.7254	0.1098	0.6233	0.6350	0.2810
pulsar			0.9800	0.0200	0.9381	0.8718	0.1509
raisin			0.8444	0.1556	0.8533	0.6889	0.5001
rice			0.9835	0.0165	0.9833	0.9667	0.1138
rocket			0.6139	0.3861	0.5778	0.0863	0.7340
satimage			0.6439	0.1187	0.5807	0.5570	0.3461
satimageF			0.9813	0.0187	0.9504	0.8974	0.1179
satimageT			0.8974	0.1026	0.5977	0.1054	0.5041
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6765	0.3235	0.6768	0.3529	0.8487
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
seeds			0.9048	0.0635	0.9152	0.8571	0.1250
segment			0.8745	0.0359	0.8765	0.8530	0.1293
segmentation			0.7376	0.2624	0.7268	0.3157	0.4338
segmentO			0.9004	0.0996	0.7793	0.4493	0.2306
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
shoppers			0.8767	0.1233	0.7190	0.3805	0.5292
shuttle			0.9797	0.0058	0.5242	0.9426	0.0302
sick			0.9549	0.0451	0.7840	0.4952	0.2687
sirtuin6			0.5000	0.5000	0.3333	0.0000	0.5283
skin10%			0.9077	0.0923	0.8523	0.6978	0.4541
smarket			0.5600	0.4400	0.6407	0.1005	0.5212
smart-farming			0.2400	0.3800	0.2318	-0.0215	0.7736
smoking			0.7253	0.2747	0.7185	0.4321	0.7790
soil_pollution			0.1900	0.3240	0.1752	-0.0128	0.8585
solar-flare			0.7266	0.0911	0.6434	0.6497	0.2285
sonar			0.8500	0.1500	0.8518	0.7000	0.5467
soybean			0.0588	0.0991	0.1276	0.0169	0.1794
spambase			0.9283	0.0717	0.9253	0.8472	0.3161
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.0962	0.0670	0.0554	0.0661	0.2447
splice-EI			0.9211	0.0789	0.8924	0.7810	0.3836
splice-IE			0.8959	0.1041	0.8485	0.6874	0.4597
sport-articles			0.8500	0.1500	0.8366	0.6690	0.5577
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			0.8710	0.1290	0.8774	0.7362	0.4652
steel_industry			0.7357	0.1762	0.6597	0.5594	0.3983
steel-b			0.8205	0.1795	0.6816	0.3038	0.6208
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9641	0.0359	0.9438	0.8846	0.1919

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-o			0.6308	0.3692	0.6349	0.2581	0.8496
steel-p			0.9179	0.0821	0.6790	0.3432	0.6100
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stock			0.8333	0.1667	0.7612	0.5102	0.6671
stockb			0.9956	0.0029	0.9956	0.9934	0.0158
streaming			0.9580	0.0420	0.9575	0.9150	0.2334
stress			0.5873	0.1651	0.4742	0.4881	0.1403
student-lifestyle			0.6300	0.1480	0.3179	0.3736	0.3560
student-habits			0.3900	0.2440	0.1840	0.0431	0.6393
student-weekend			0.3692	0.2523	0.2062	0.0724	0.6226
student-workday			0.6719	0.1313	0.1623	-0.0083	0.4347
studentap			0.2308	0.5128	0.1887	-0.2037	0.9092
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.1333	0.5778	0.0889	-0.3000	0.7081
telco-churn			0.8665	0.1335	0.8247	0.6481	0.5713
texture			0.1818	0.1488	0.1453	0.1042	0.4065
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff			0.8947	0.1053	0.8953	0.7690	0.4155
tic-tac-toe			0.9158	0.0842	0.9047	0.8055	0.3684
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tox_171			0.4118	0.2941	0.4791	0.2237	0.3560
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.5882	0.4118	0.3704	-0.1121	0.8833
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
tuandromd			0.9664	0.0336	0.9470	0.8934	0.2325
turkish			0.5000	0.2500	0.5063	0.3333	0.3678
tvnews1%			0.8154	0.1846	0.7975	0.5858	0.6224
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9388	0.0612	0.4842	-0.0303	0.6372
urban			0.6866	0.0697	0.6363	0.6267	0.2189
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
vehicle			0.6905	0.1548	0.6538	0.5830	0.3430
vehicleVAN			0.9048	0.0952	0.8697	0.7377	0.4630
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.1010	0.1635	0.0632	0.0111	0.4048
vowelZ			0.9495	0.0505	0.8400	0.6784	0.4613
warpar10p			0.2308	0.1538	0.2095	0.1558	0.3030
warppie10p			0.5714	0.0857	0.6122	0.5263	0.1587
watch-acc1%			0.5086	0.1404	0.5190	0.4251	0.4555
watch-gyr1%			0.2717	0.2081	0.2750	0.1472	0.6551
water_pollution			0.2233	0.3883	0.2195	-0.0421	0.8089
waveform			0.5700	0.2867	0.6390	0.3558	0.4735
weather-related			0.3135	0.1248	0.1723	0.2328	0.1960
web-phishing			0.8222	0.1185	0.6643	0.6697	0.3902
Weekly			0.6574	0.3426	0.7342	0.3559	0.5135
wifi-loc			0.9600	0.0200	0.9602	0.9467	0.0710
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.8824	0.0784	0.8695	0.7748	0.1669
winequality-red			0.5409	0.1530	0.2774	0.2957	0.4010
winequality-white			0.5276	0.1350	0.2850	0.2951	0.4447

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.0625	0.1250	0.0444	-0.0169	0.3132
yeast			0.3649	0.1270	0.2116	0.2145	0.4387
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053

Table 201: Detailed results for ROPAC-M

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0011	-0.0037	0.4238
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5503	0.1000	0.9662
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7619	0.2381	0.4775	-0.0371	0.8340
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.6000	0.4000	0.4724	-0.0526	0.9519
aids		0.8639	0.1361	0.8082	0.6135	0.5855
air_pollution		0.3833	0.1762	0.1358	0.0238	0.6096
alcohol		0.7429	0.1029	0.3441	0.2720	0.2831
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.8326	0.1674	0.8141	0.6270	0.6151
anneal		0.7978	0.0809	0.4145	0.4695	0.2558
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9444	0.0278	0.8910	0.8940	0.1531
anuran-genus		0.9305	0.0174	0.7234	0.8840	0.1264
anuran-species		0.9361	0.0128	0.8678	0.9102	0.0969
anxiety		0.1000	0.2000	0.1005	-0.0131	0.8332
apple-quality		0.5625	0.4375	0.6422	0.1250	0.5566
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.4667	0.1067	0.3028	0.1227	0.4687
auction		0.9216	0.0784	0.8014	0.5781	0.4430
audiology		0.3636	0.1157	0.1644	0.2451	0.2579
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.8857	0.1143	0.8549	0.6671	0.2750
autism-child		0.8276	0.1724	0.8474	0.6506	0.4011
autos		0.6500	0.1400	0.6012	0.5254	0.2589
avila		0.4011	0.0998	0.0976	0.1043	0.4084
babies		0.4516	0.1567	0.1498	0.1355	0.4348
balance		0.7742	0.1505	0.5379	0.5778	0.3489
bank		0.8847	0.1153	0.6749	0.3421	0.6655
banknote		0.6277	0.3723	0.6735	0.1787	0.5007
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8249	0.1751	0.8115	0.6229	0.6337
bio10%		0.9959	0.0041	0.8698	0.7253	0.2186
biodeg		0.8571	0.1429	0.8513	0.7014	0.5556
biomed		0.8095	0.1905	0.8397	0.6316	0.4644
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
body-perf		0.4612	0.2694	0.4502	0.2816	0.4346
brain-tumor		0.5105	0.4895	0.5104	0.0207	0.9927
breast-cancer		0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co		0.1818	0.8182	0.1833	-0.6230	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
breast-cancer-ma		0.4545	0.5455	0.3125	0.0000	0.5306
breast-tissue		0.3636	0.2121	0.3000	0.2524	0.2316
bridges		0.6000	0.1333	0.4468	0.3548	0.2852
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4630	0.3580	0.3287	-0.0122	0.6938
car		0.9483	0.0259	0.9326	0.8883	0.1817
car-insurance		0.8020	0.1980	0.7668	0.5331	0.6943
card		0.9130	0.0870	0.9107	0.8198	0.3843
cardiotocography		0.6197	0.0761	0.4657	0.5475	0.3196
cardiotocography-nsp		0.8732	0.0845	0.7277	0.5974	0.3390
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6990	0.5740	0.3848
cas_N6512_rdkit_descriptors		0.6615	0.3385	0.6640	0.3255	0.8591
cas_N6512_rdkit_MACCS		0.7450	0.2550	0.7428	0.4851	0.7583
cas_N6512_RDkit_MACCS_FP		0.7515	0.2485	0.7529	0.5037	0.7418
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7461	0.2539	0.7078	0.3792	0.7042
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9683	0.0317	0.7755	0.5158	0.3791
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9483	0.0517	0.5970	0.1298	0.4948
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9419	0.0581	0.4850	-0.0190	0.5933
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.6408	0.1796	0.4686	0.4531	0.4970
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.4680	0.5320	0.5335	0.0466	0.6947
churn-bigml		0.8689	0.1311	0.6932	0.1633	0.2716
ci900367j_MACCS		0.6421	0.3579	0.5979	0.1868	0.8908
circles		0.0300	0.0194	0.0023	0.0202	0.3133
cirrhosis		0.5952	0.2698	0.4795	0.3521	0.4894
cjs		0.9857	0.0048	0.9839	0.9826	0.0237
ckd		0.7500	0.2500	0.7361	0.3421	0.4246
clave		0.7769	0.1116	0.5714	0.6327	0.3099
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5000	0.3333	0.5490	0.2800	0.2183
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4762	0.3492	0.4348	0.1819	0.7167
cnae-9		0.8241	0.0391	0.8285	0.8021	0.1379
codon_usage		0.1535	0.1539	0.1639	0.0775	0.4152
coil20		0.0764	0.0924	0.0828	0.0274	0.2991
college		0.9221	0.0779	0.9105	0.8146	0.4105
collins		0.0400	0.1280	0.0378	0.0058	0.3416
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.3448	0.6552	0.2564	0.0000	0.5054
colposcopies-2		0.3793	0.6207	0.2750	0.0000	0.5184
colposcopies-3		0.4483	0.5517	0.6081	0.0492	0.5288
colposcopies-4		0.8621	0.1379	0.8263	0.5915	0.3064
colposcopies-5		0.3793	0.6207	0.6167	0.1031	0.4098
colposcopies-6		0.4828	0.5172	0.3256	0.0000	0.5300
colposcopies-c		0.5517	0.4483	0.5505	0.0872	0.8036
column-2c		0.8387	0.1613	0.8198	0.5753	0.3439
column-3c		0.8065	0.1290	0.8052	0.6815	0.2726
cottonmeloidogyne		0.7043	0.2957	0.7046	0.4082	0.8128
coupon		0.7082	0.2918	0.6985	0.3899	0.8011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.9528	0.0472	0.8945	0.7837	0.3188
crabs		0.8000	0.1000	0.8047	0.7333	0.1692
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8313	0.0562	0.6286	0.6474	0.3883
cryotherapy		0.8889	0.1111	0.8953	0.7692	0.3145
cultivars		0.0312	0.0605	0.0156	0.0000	0.2137
cybersecurity		0.1700	0.2767	0.1622	0.0010	0.8626
cyclopentane		0.7037	0.2963	0.7379	0.3571	0.4732
cylinder-bands		0.7222	0.2778	0.7310	0.3873	0.6049
darwin		0.6111	0.3889	0.6858	0.2222	0.5142
datatrieve		0.6923	0.3077	0.6977	0.2353	0.3900
default		0.7810	0.2190	0.5910	0.0287	0.4522
defect		0.8611	0.1389	0.6883	0.2433	0.4348
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
depressed		0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology		0.9459	0.0180	0.9409	0.9326	0.0579
desharnais		0.7500	0.1667	0.7722	0.5897	0.3125
df_final		0.5625	0.2917	0.4437	0.3086	0.6013
DIA		0.7667	0.2333	0.6645	0.0968	0.3895
diabetes		0.9808	0.0192	0.9799	0.9590	0.0927
diabetic1%		0.5392	0.3072	0.3399	0.0631	0.5291
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.7099	0.8351	0.0660
diamonds_all		0.6303	0.1479	0.4707	0.4535	0.3617
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor		0.3750	0.6250	0.2727	-0.4286	0.8893
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dota210%		0.5311	0.4689	0.5197	0.0144	0.7314
dropout		0.6230	0.2513	0.5577	0.3788	0.6255
drug-01		0.3883	0.1748	0.1738	0.0782	0.5429
drug-02		0.5053	0.1413	0.0963	-0.0085	0.3816
drug-03		0.6862	0.0897	0.1163	-0.0053	0.3113
drug-04		0.4894	0.1459	0.1673	0.1249	0.6552
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2606	0.2112	0.1587	0.0703	0.4792
drug-07		0.3564	0.1839	0.1141	-0.0577	0.4674
drug-08		0.5213	0.1368	0.0993	-0.0203	0.4823
drug-09		0.8511	0.0426	0.1321	0.0403	0.2447
drug-10		0.5266	0.1353	0.1173	0.0665	0.5289
drug-11		0.8564	0.0410	0.2370	0.0638	0.1191
drug-12		0.7819	0.0623	0.1254	-0.0137	0.2547
drug-13		0.5691	0.1231	0.1058	0.0208	0.3367
drug-14		0.5851	0.1185	0.1963	0.1881	0.4706
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5319	0.1337	0.1919	0.0784	0.3316
drug-17		0.3457	0.1869	0.1692	0.1263	0.6828
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7606	0.0684	0.1238	-0.0001	0.2417
drybean		0.5569	0.1266	0.5883	0.4555	0.3534
ecoli		0.7647	0.0588	0.3087	0.6646	0.1041
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.7857	0.4762	0.3145
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce		0.2500	0.3750	0.2518	0.0009	0.8425
eeg-eye		0.6335	0.3665	0.6318	0.2633	0.8956

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
eeg10%		0.0457	0.1193	0.0630	-0.0250	0.6912
eucalyptus		0.4247	0.2301	0.4035	0.2459	0.4498
euthyroid		0.9051	0.0949	0.6695	0.0567	0.2161
fakenews		0.4425	0.5575	0.4382	-0.1183	1.0000
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.6590	0.1137	0.4563	0.4513	0.4209
fishcatch		0.5625	0.1458	0.5714	0.4510	0.1878
flags		0.2000	0.2286	0.0519	-0.1111	0.5108
forest		0.9038	0.0481	0.9061	0.8688	0.1518
gastrointestinal		0.8125	0.1250	0.7812	0.6757	0.2537
gender		0.4379	0.3747	0.3443	0.0370	0.7827
gene		0.8580	0.0946	0.8410	0.7683	0.3323
german		0.7000	0.3000	0.6613	0.1914	0.5773
gestures		0.4178	0.2911	0.4609	0.2226	0.4145
glass		0.7619	0.0794	0.6402	0.6708	0.2336
glass-g2		0.5000	0.5000	0.6522	0.1579	0.5288
glassBWFP		0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP		0.6667	0.3333	0.7042	0.3636	0.7218
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.6842	0.3158	0.7467	0.3871	0.5000
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma-grade		0.8095	0.1905	0.8041	0.6082	0.6527
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.4667	0.2667	0.4665	0.2683	0.5573
gsalc		0.4444	0.1852	0.4627	0.3571	0.2244
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
har		0.3053	0.2779	0.3417	0.1380	0.4580
har701%		0.7664	0.0668	0.3902	0.6204	0.1403
hayes-roth		0.3125	0.4583	0.5486	0.1244	0.4019
hcc-survival		0.7647	0.2353	0.7792	0.4688	0.4308
health-activity		0.7100	0.1450	0.2101	-0.0295	0.4080
heart		0.8889	0.1111	0.8845	0.7666	0.4543
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.6667	0.3333	0.6718	0.3119	0.7877
heart-failure		0.8960	0.1040	0.8767	0.7472	0.4313
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hERG-64inputs		0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs		0.6923	0.3077	0.4091	-0.1304	0.8920
higgs0.1%		0.5200	0.4800	0.5268	0.0517	0.9692
higher		0.4286	0.1429	0.2495	0.3043	0.2624
hinselmann		0.6000	0.4000	0.5519	0.0909	0.7720
hitters		0.5000	0.5000	0.5153	0.0266	0.9406
hiv1-proteasa		0.8702	0.1298	0.7324	0.3892	0.4781
horse		0.6667	0.2222	0.6434	0.3425	0.3107
hotel-reservartions		0.7004	0.2996	0.6264	0.1387	0.6248
hr		0.8526	0.1474	0.4602	-0.0199	0.5496
htru2		0.9693	0.0307	0.9012	0.7920	0.2196
hypothyroid		0.9682	0.0159	0.6506	0.7733	0.0456
hypothyroidT		0.9920	0.0080	0.9714	0.9412	0.0338
ilpd		0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.8920	0.0540	0.9028	0.8560	0.1204
ionosphere		0.3143	0.6857	0.2391	0.0000	0.4897

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
iris		0.7333	0.1778	0.7801	0.6053	0.1585
irish		1.0000	0.0000	1.0000	1.0000	0.0000
jm1		0.8026	0.1974	0.4929	-0.0015	0.4705
jvowels		0.7771	0.0495	0.7634	0.7470	0.2801
kc1		0.7678	0.2322	0.4559	-0.0800	0.8333
kc1-class-level-defectiveornot		0.8667	0.1333	0.8696	0.7059	0.3322
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8000	0.2000	0.4444	-0.0976	0.5661
kc2		0.8462	0.1538	0.8422	0.6357	0.5085
kepler		0.7877	0.1416	0.7227	0.6387	0.3110
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9500	0.0500	0.9479	0.8904	0.1808
krkopt		0.0239	0.1085	0.0176	-0.0066	0.5169
krvskp		0.9937	0.0063	0.9937	0.9874	0.0522
leaf		0.0588	0.0818	0.0286	0.0127	0.2376
led24		0.5500	0.0900	0.5975	0.5000	0.2082
letter		0.0655	0.0719	0.0633	0.0282	0.5592
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
libra		0.1111	0.1185	0.0504	0.0479	0.3643
linkage1%		0.9967	0.0033	0.7073	0.1734	0.0153
liver		0.5882	0.4118	0.7076	0.2938	0.5299
loan		0.9719	0.0281	0.9705	0.9393	0.1214
localization10%		0.1778	0.1495	0.1141	0.0622	0.4344
lrs		0.6226	0.0755	0.3675	0.4465	0.1597
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.6250	0.1071	0.3316	0.5000	0.1688
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2		0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure		0.9574	0.0426	0.9569	0.9130	0.2402
madelon		0.5077	0.4923	0.5611	0.0154	0.5804
magic04		0.7443	0.2557	0.7203	0.3368	0.5378
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7812	0.2188	0.7818	0.5625	0.6957
marketing		0.8795	0.1205	0.7127	0.3703	0.5391
maternal		0.5644	0.2904	0.4658	0.3328	0.4909
math		0.6500	0.1750	0.3601	0.4130	0.3387
mba		0.8339	0.1108	0.3596	0.0368	0.2905
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2667	0.2933	0.2640	0.0832	0.8276
messidor		0.5913	0.4087	0.5689	0.1261	0.9127
meter-A		0.8750	0.1250	0.8730	0.7143	0.3145
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.2778	0.3611	0.2062	0.1034	0.4900
meter-D		0.4444	0.2778	0.5458	0.3333	0.2236
mfeat-fac		0.9350	0.0130	0.9361	0.9278	0.0774
mfeat-fou		0.6250	0.0750	0.6146	0.5833	0.2942
mfeat-kar		0.8050	0.0390	0.8166	0.7833	0.2022
mfeat-mor		0.4900	0.1020	0.4551	0.4333	0.2457
mfeat-pix		0.9250	0.0150	0.9283	0.9167	0.0850
mfeat-zer		0.6300	0.0740	0.6401	0.5889	0.3091
mice-prot		0.7778	0.0556	0.7403	0.7446	0.1353
milk		0.8019	0.1321	0.7774	0.6852	0.2890
mines		0.4412	0.2235	0.2640	0.2870	0.3071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mobile		0.0490	0.0340	0.0444	0.0318	0.3087
monks-1		0.6545	0.3455	0.6560	0.3102	0.8698
monks-2		0.7049	0.2951	0.6597	0.3155	0.8336
monks-3		0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0123
music		0.2161	0.1425	0.1176	0.0750	0.6846
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ESTATE		0.7446	0.2554	0.7337	0.4628	0.7556
MUT_ci300400a_cdk_MACCS		0.8141	0.1859	0.8074	0.6126	0.6364
MUT_ci300400a_rdkit_descriptors		0.6566	0.3434	0.6684	0.3250	0.8342
myocardial		0.8706	0.0324	0.2414	0.2917	0.1026
NCI60		0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA1%		0.7643	0.0248	0.0519	0.2679	0.2892
new-thyroid		0.2857	0.4762	0.4912	0.1667	0.1486
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.4306	0.3796	0.3290	0.0477	0.7753
nursery		0.9761	0.0096	0.7534	0.9648	0.0388
obesity		0.6682	0.0948	0.6810	0.6128	0.3529
obs		0.6759	0.1620	0.6407	0.5118	0.4393
occupancy		0.9844	0.0156	0.9781	0.9562	0.1378
Occupancy_Estimation		0.9506	0.0247	0.8235	0.8491	0.0571
oh15-wc		0.5000	0.1000	0.3783	0.4063	0.3122
oh5-wc		0.4835	0.1033	0.4464	0.3942	0.3029
olive		0.7719	0.0507	0.6980	0.7179	0.1482
optdigits		0.9004	0.0199	0.9037	0.8893	0.1314
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0500	0.0475	0.0500	0.0256	0.1800
orlraws10P		0.8000	0.0400	0.7652	0.7778	0.0600
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7887	0.2113	0.7548	0.4817	0.6426
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8650	0.7277	0.5145
page-blocks		0.9269	0.0293	0.4340	0.4016	0.1237
parkinson		0.7333	0.2667	0.7354	0.3945	0.5882
parkinsons		0.7488	0.2512	0.7493	0.4900	0.7338
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle10%		0.8638	0.1362	0.8238	0.6264	0.4910
pc1		0.8108	0.1892	0.7160	0.3249	0.5017
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7500	0.2500	0.4286	0.0000	0.4011
pendigits		0.9290	0.0142	0.9301	0.9211	0.0968
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.7755	0.2245	0.7563	0.4826	0.6470
pet-adoption		0.9000	0.1000	0.8861	0.7610	0.3790
phishing		0.9796	0.0204	0.9789	0.9574	0.1428
phone-acc0.1%		0.3882	0.1748	0.3882	0.2793	0.6132
phone-gyr0.1%		0.1558	0.2412	0.2062	0.0236	0.5170
phoneme		0.7741	0.2259	0.6993	0.2892	0.5384
pima		0.8026	0.1974	0.8069	0.6031	0.6355
pirvision		0.9902	0.0065	0.9823	0.9687	0.0600
placement		0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth		0.6842	0.3158	0.6833	0.3667	0.8414
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4634	0.1073	0.2119	0.0235	0.4557
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9617	0.0383	0.6732	0.0470	0.1111

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
polish-3rd			0.9486	0.0514	0.5563	0.0566	0.4658
polish-4th			0.9541	0.0459	0.7053	0.2722	0.2818
polish-5th			0.9391	0.0609	0.7107	0.2054	0.1578
polya			0.7146	0.2854	0.6756	0.2753	0.6674
pred-tox_mutagen_ref-desc			0.4706	0.5294	0.4664	-0.0588	0.9811
prestige			0.7778	0.1481	0.5926	0.6400	0.1389
primary-tumor			0.2121	0.1212	0.1437	0.1090	0.3243
profb			0.6567	0.3433	0.5704	0.1309	0.8893
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.6429	0.3571	0.6774	0.1860	0.4929
prostate_GE			0.6364	0.3636	0.6553	0.2903	0.8322
puc-rio10%			0.7634	0.0946	0.6794	0.6799	0.3204
raisin			0.8667	0.1333	0.8670	0.7333	0.5178
rice			0.9835	0.0165	0.9833	0.9667	0.1138
rocket			0.6096	0.3904	0.5708	0.0719	0.7230
satimage			0.6843	0.1052	0.6192	0.6050	0.3137
satimageF			0.9751	0.0249	0.9331	0.8594	0.1365
satimageT			0.8974	0.1026	0.5977	0.1054	0.5041
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6765	0.3235	0.6940	0.3529	0.7584
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
seeds			0.9048	0.0635	0.9152	0.8571	0.1250
segment			0.8355	0.0470	0.8442	0.8073	0.1451
segmentation			0.7376	0.2624	0.7268	0.3157	0.4338
segmentO			0.9004	0.0996	0.7793	0.4493	0.2306
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
shoppers			0.8735	0.1265	0.7092	0.3569	0.5363
sick			0.9523	0.0477	0.7708	0.5038	0.4060
sirtuin6			0.5000	0.5000	0.3333	0.0000	0.5283
skin10%			0.9077	0.0923	0.8523	0.6978	0.4541
smarket			0.5600	0.4400	0.6407	0.1005	0.5212
smart-farming			0.2800	0.3600	0.2925	0.0364	0.7730
smoking			0.7316	0.2685	0.7383	0.4610	0.7375
soil_pollution			0.1900	0.3240	0.1752	-0.0128	0.8585
solar-flare			0.7482	0.0839	0.6644	0.6784	0.2377
sonar			0.8500	0.1500	0.8518	0.7000	0.5467
soybean			0.0588	0.0991	0.1276	0.0169	0.1794
spambase			0.9261	0.0739	0.9225	0.8437	0.3436
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.0962	0.0670	0.0536	0.0672	0.2387
splice-EI			0.9211	0.0789	0.8924	0.7810	0.3836
splice-IE			0.8959	0.1041	0.8485	0.6874	0.4597
sport-articles			0.8700	0.1300	0.8588	0.7132	0.5036
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			0.9032	0.0968	0.9086	0.8009	0.3671
steel_industry			0.7180	0.1880	0.6403	0.5303	0.4046
steel-b			0.8051	0.1949	0.6527	0.2694	0.7021
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9641	0.0359	0.9438	0.8846	0.1919
steel-o			0.6615	0.3385	0.6224	0.2445	0.8818
steel-p			0.9128	0.0872	0.6481	0.2773	0.6264
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stock			0.8472	0.1528	0.7576	0.5129	0.6710
stockb			0.9956	0.0029	0.9956	0.9934	0.0158
streaming			0.9540	0.0460	0.9535	0.9070	0.2514
stress			0.5873	0.1651	0.4742	0.4881	0.1403
student-lifestyle			0.6250	0.1500	0.3361	0.3657	0.3758
student-habits			0.3800	0.2480	0.1782	0.0271	0.6424
student-weekend			0.3692	0.2523	0.2062	0.0724	0.6226
student-workday			0.6719	0.1313	0.1623	-0.0083	0.4347
studentap			0.3077	0.4615	0.2551	-0.0833	0.8784
susy1%			0.6814	0.3186	0.6967	0.3295	0.6897
tae			0.3333	0.4444	0.3210	0.0000	0.7377
telco-churn			0.8565	0.1435	0.8113	0.6213	0.5965
texture			0.1782	0.1494	0.1334	0.1000	0.4027
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff			0.8947	0.1053	0.8953	0.7690	0.4155
tic-tac-toe			0.9053	0.0947	0.8927	0.7795	0.3913
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tox_171			0.4118	0.2941	0.4791	0.2237	0.3560
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.5882	0.4118	0.3704	-0.1121	0.8833
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.3226	0.1694	0.1209	0.0565	0.3553
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
tuandromd			0.9664	0.0336	0.9470	0.8934	0.2325
turkish			0.5000	0.2500	0.5063	0.3333	0.3678
tvnews1%			0.8154	0.1846	0.7975	0.5858	0.6224
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.8639	0.1361	0.5366	0.0544	0.4482
urban			0.6866	0.0697	0.6363	0.6267	0.2189
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
vehicle			0.6905	0.1548	0.6550	0.5842	0.3271
vehicleVAN			0.9048	0.0952	0.8680	0.7288	0.4284
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.1010	0.1635	0.0754	0.0111	0.3629
vowelZ			0.9495	0.0505	0.8400	0.6784	0.4613
warpar10p			0.3077	0.1385	0.2727	0.2403	0.2629
warppie10p			0.5714	0.0857	0.6122	0.5263	0.1587
watch-acc1%			0.5066	0.1410	0.5170	0.4212	0.4660
watch-gyr1%			0.2536	0.2133	0.2383	0.1215	0.6240
water_pollution			0.2000	0.4000	0.2048	-0.0715	0.8218
waveform			0.6160	0.2560	0.6595	0.4245	0.4984
weather-related			0.3212	0.1234	0.1725	0.2405	0.1855
web-phishing			0.8444	0.1037	0.7418	0.7079	0.2833
Weekly			0.6574	0.3426	0.7342	0.3559	0.5135
wifi-loc			0.9600	0.0200	0.9602	0.9467	0.0710
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.8824	0.0784	0.8695	0.7748	0.1669
winequality-red			0.5346	0.1551	0.2703	0.2798	0.4128
winequality-white			0.4949	0.1443	0.2760	0.2173	0.5033
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.0625	0.1250	0.0444	-0.0169	0.3132
yeast			0.4459	0.1108	0.2422	0.3088	0.3852

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053
zip			0.9043	0.0191	0.8986	0.8928	0.1407

Table 202: Detailed results for RQDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9694	0.0306	0.6889	0.3573	0.5538
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.7200	0.2800	0.7428	0.4400	0.6658
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.3974	0.6026	0.2844	0.0000	0.5233
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.4839	0.3441	0.5615	0.1055	0.6676
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.8905	0.1095	0.8926	0.7743	0.3954
bankruptcy		0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8943	0.7809	0.2098
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		0.5714	0.4286	0.5795	0.1525	0.9084
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.2727	0.2424	0.0714	0.0000	0.3750
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.7000	0.3000	0.4118	0.0000	0.4416
caesarian		0.3750	0.6250	0.2727	0.0000	0.5170
cancer		0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp		0.1361	0.5759	0.0799	0.0000	0.2637
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.6250	0.2500	0.2564	0.0000	0.3255
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.0011	0.9989	0.0011	0.0000	0.0030
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.9660	0.0007	0.9703	0.9657	0.0106
cirrhosis		0.3810	0.4127	0.1839	0.0000	0.3169
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.7662	0.2338	0.7656	0.5000	0.6651
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.7742	0.1505	0.7007	0.6353	0.2946
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.4952	0.5048	0.3312	0.0000	0.5289
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8747	0.0418	0.7500	0.7350	0.3328
cryotherapy		0.4444	0.5556	0.3077	0.0000	0.5302
cultivars		0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.9043	0.0957	0.8042	0.5908	0.4870
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.2973	0.2342	0.0764	0.0000	0.3667
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.9667	0.0167	0.9629	0.9538	0.0561
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.3228	0.4515	0.1627	0.0000	0.3888
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.1277	0.2492	0.0323	0.0000	0.3211
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.1223	0.2508	0.0311	0.0000	0.3189
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2181	0.2234	0.0512	0.0000	0.3777
drug-07		0.3617	0.2128	0.0885	0.0000	0.2699
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1596	0.1142	0.0000	0.2921
drug-17		0.1064	0.2553	0.0275	0.0000	0.3792
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.8839	0.0332	0.8976	0.8599	0.1656
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM		0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU		0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM		0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.7877	0.2123	0.7867	0.5729	0.6874
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.6667	0.3333	0.6862	0.3496	0.7944
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.2500	0.2500	0.0667	0.0000	0.3665
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.6923	0.1538	0.7146	0.5840	0.3078
gas		0.1711	0.2763	0.1729	0.0063	0.8897
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.2524	0.4984	0.1343	0.0000	0.4017
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.3810	0.2063	0.0920	0.0000	0.3180
glass-g2		0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP		0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP		0.3333	0.6667	0.2500	0.0000	0.5000
glassContainers		0.0909	0.9091	0.0833	0.0000	0.2192
glassNW		0.7619	0.2381	0.4324	0.0000	0.3902
glassTableware		0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP		0.0476	0.9524	0.0455	0.0000	0.1250
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.5833	0.4167	0.3684	0.0000	0.5068
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.6050	0.1580	0.6296	0.5063	0.4978
har70		0.0899	0.2600	0.0236	0.0000	0.3023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har701%		0.7819	0.0623	0.4759	0.6661	0.4107
har7010%		0.7922	0.0594	0.4991	0.6902	0.3641
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6519	0.0580	0.4843	0.5613	0.4107
harth10%		0.6490	0.0585	0.4804	0.5586	0.4239
hayes-roth		0.4375	0.3750	0.2029	0.0000	0.3849
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.5926	0.4074	0.3721	0.0000	0.5031
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%		0.7009	0.2991	0.7080	0.4029	0.7852
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.2308	0.7692	0.1875	0.0000	0.4238
higgs0.1%		0.5582	0.4418	0.5598	0.1189	0.9573
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5524	0.2984	0.5749	0.3167	0.6218
htru2		0.8620	0.1380	0.7660	0.4693	0.5743
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.2222	0.7778	0.1818	0.0000	0.4150
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.3143	0.6857	0.2391	0.0000	0.4897
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.8886	0.0248	0.8942	0.8736	0.1384
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.0294	0.0844	0.0025	0.0000	0.4116
led24		0.0500	0.2111	0.0106	0.0000	0.4127
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.0833	0.1222	0.0103	0.0000	0.4070
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.3770	0.6230	0.2738	0.0000	0.5177
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.0943	0.2588	0.0246	0.0000	0.3411
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.4444	0.5556	0.3077	0.0000	0.5302
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.5851	0.4149	0.3691	0.0000	0.5062
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7070	0.2930	0.7290	0.4266	0.7208
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.4688	0.5312	0.3191	0.0000	0.5307
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.2673	0.4884	0.1406	0.0000	0.4218
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.4348	0.5652	0.3030	0.0000	0.5294
meter-A		0.3750	0.6250	0.2727	0.0000	0.5170
meter-B		0.2222	0.5185	0.1212	0.0000	0.4199
meter-C		0.3333	0.3333	0.1250	0.0000	0.3773
meter-D		0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.7850	0.0430	0.7836	0.7611	0.1765
mfeat-kar		0.8900	0.0220	0.9028	0.8778	0.1168
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.7300	0.0540	0.7399	0.7000	0.2086
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.2358	0.5094	0.1272	0.0000	0.4229
mines		0.5588	0.1765	0.5681	0.4432	0.3902
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.4909	0.5091	0.3293	0.0000	0.5293
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.8414	0.1586	0.4569	0.0000	0.3047
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.2917	0.4722	0.1505	0.0000	0.3860
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.4630	0.2685	0.1582	0.0000	0.3435
occupancy		0.8541	0.1459	0.8529	0.6636	0.4941
Occupancy_Estimation		0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.0877	0.2027	0.0179	0.0000	0.3712
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.0887	0.9113	0.0814	0.0000	0.2147
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9031	0.0388	0.1898	0.0000	0.0975
parkinson		0.4083	0.5917	0.2899	0.0000	0.5256
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.2808	0.7192	0.2192	0.0000	0.4675
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9279	0.0721	0.4813	0.0000	0.1773

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			0.8000	0.2000	0.4444	0.0000	0.3522
pd			0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.1028	0.1794	0.0186	0.0000	0.4062
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1413	0.2453	0.0354	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7352	0.2648	0.7459	0.4546	0.6817
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.3947	0.6053	0.2830	0.0000	0.5226
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.6600	0.3400	0.6631	0.3213	0.8519
plant-growth			0.5263	0.4737	0.3448	0.0000	0.5239
plrx			0.6111	0.3889	0.4834	-0.0328	0.9365
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.1799	0.8201	0.5085	0.0024	0.1492
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.5441	0.4559	0.5443	0.0882	0.9709
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.1818	0.1259	0.0237	0.0000	0.3708
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.4996	0.5004	0.3331	0.0000	0.5284
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.8779	0.1221	0.7821	0.5102	0.5772
raisin			0.9111	0.0889	0.9111	0.8222	0.3993
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9769	0.0231	0.9770	0.9532	0.1263
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rocket			0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.7776	0.0741	0.7463	0.7264	0.2809
satimageF			0.9860	0.0140	0.9647	0.9292	0.2145
satimageT			0.8849	0.1151	0.6421	0.2780	0.6831
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.8571	0.0952	0.8780	0.7857	0.2113
segment			0.1472	0.2437	0.0367	0.0000	0.4017
segmentation			0.8218	0.1782	0.8317	0.6405	0.5663
segmentO			0.1472	0.8528	0.1283	0.0000	0.3180
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.7234	0.0503	0.7551	0.6958	0.2382
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin			0.8156	0.1844	0.8199	0.5779	0.5232
skin10%			0.8007	0.1993	0.8104	0.5529	0.5268
smarket			0.9040	0.0960	0.9039	0.8079	0.4207
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.3957	0.6043	0.2835	0.0000	0.5229
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE			0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles			0.3700	0.6300	0.2701	0.0000	0.5154
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.0821	0.9179	0.0758	0.0000	0.2013
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stellar			0.8429	0.1047	0.8351	0.7319	0.3152
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.3348	0.4435	0.1672	0.0000	0.4165
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.6858	0.3142	0.7064	0.3859	0.7621
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.3227	0.6773	0.2440	0.0000	0.4945
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6670	0.3307	0.8305
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.6500	0.1750	0.6754	0.5333	0.3712
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.5279	0.4721	0.5504	0.0248	0.1959
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.2500	0.3750	0.1000	0.0000	0.3964
vehicleVAN			0.9524	0.0476	0.9365	0.8730	0.3040
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.4884	0.5116	0.3281	0.0000	0.5296
vowel			0.3434	0.1194	0.3880	0.2778	0.3434
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8200	0.1200	0.8203	0.7301	0.4005
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.0741	0.6173	0.0460	0.0000	0.3984
Weekly			0.8241	0.1759	0.8275	0.6338	0.5407
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.8903	0.1097	0.7734	0.4322	0.4882
wine			0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red			0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white			0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9123	0.0877	0.9170	0.8204	0.3439
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2			0.0473	0.9527	0.0452	0.0000	0.1242
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 203: Detailed results for RQLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0723	0.0884	0.0539	-0.0105	0.6274
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.8780	0.1220	0.7054	0.2050	0.2594
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8263	0.1737	0.7478	0.3904	0.4223
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7143	0.1143	0.3822	0.0990	0.2053
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7907	0.2093	0.7776	0.4747	0.4551
anneal		0.8764	0.0494	0.6604	0.7215	0.1829
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8359	0.0821	0.5507	0.6846	0.2151
anuran-genus		0.7691	0.0577	0.4754	0.6023	0.2196
anuran-species		0.6958	0.0608	0.5206	0.5696	0.1567
anxiety		0.1417	0.1907	0.1320	0.0323	0.7754
apple-quality		0.8825	0.1175	0.8829	0.7650	0.4769
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia		0.6222	0.0581	0.2113	0.2418	0.2030
auction		0.8824	0.1176	0.6849	0.1270	0.2517

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.7727	0.0413	0.8560	0.7304	0.0928
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.8966	0.1034	0.9058	0.7943	0.3261
autos		0.5500	0.1500	0.4148	0.3857	0.3020
avila		0.4130	0.0978	0.1541	0.0065	0.3066
babies		0.3468	0.1866	0.1690	0.0971	0.7958
balance		0.8871	0.0753	0.6114	0.7877	0.2090
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8940	0.1060	0.8888	0.7556	0.3108
basehock		0.6131	0.3869	0.6863	0.2231	0.5134
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9938	0.0062	0.7876	0.5236	0.2471
biodeg		0.7619	0.2381	0.7419	0.4560	0.6789
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.8182	0.0606	0.7500	0.7732	0.0943
bridges		0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7816	0.1092	0.5870	0.4352	0.4060
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.7136	0.0573	0.5952	0.6488	0.2448
cardiotocography-nsp		0.8779	0.0814	0.7730	0.5883	0.2120
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6528	0.4444	0.2846
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.7296	0.2704	0.7271	0.4536	0.7807
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.7831	0.2169	0.7814	0.5607	0.6909
cas_N6512_rdkit_FEATMORGAN		0.5515	0.4485	0.6169	0.0287	0.5192
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.6979	0.3021	0.6948	0.3853	0.8166
cas_N6512_rdkit_LAYERED		0.6585	0.3415	0.6743	0.2828	0.7138
cas_N6512_RDkit_Layered_FP		0.7316	0.2684	0.7361	0.4665	0.7610
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.7231	0.2769	0.7205	0.4378	0.7846
cas_N6512_RDkit_pattern_FP		0.7285	0.2715	0.7426	0.4656	0.7253
cas_N6512_rdkit_RDKITFP		0.7127	0.2873	0.7169	0.4075	0.7408
cas_N6512_rdkit_TORSION		0.5585	0.4415	0.5655	0.0523	0.6877
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6842	0.3158	0.6572	0.2192	0.6561
circles		0.1120	0.0178	0.0587	0.1030	0.2274
cirrhosis		0.6905	0.2063	0.4569	0.3592	0.4339
cjs		0.9571	0.0143	0.9454	0.9476	0.0330
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8139	0.0931	0.5910	0.7153	0.2817
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4830	0.3447	0.4611	0.1724	0.7171
cnae-9		0.8796	0.0267	0.8869	0.8646	0.1156
codon_usage		0.3599	0.1164	0.2294	0.2490	0.3381
coil20		0.9931	0.0007	0.9933	0.9927	0.0048
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.4000	0.0800	0.3309	0.3433	0.2837
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.7586	0.2414	0.7424	0.3596	0.4176
colposcopies-2		0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.8710	0.1290	0.8486	0.6884	0.4958
column-3c		0.7419	0.1720	0.6525	0.5739	0.3295
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7788	0.2212	0.7788	0.5577	0.7026
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		1.0000	0.0000	1.0000	1.0000	0.0000
cultivars		0.4375	0.0281	0.2815	0.4205	0.0947
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1667	0.2778	0.1111	-0.0008	0.6284
cyclopentane		0.7037	0.2963	0.7072	0.4098	0.8027
cylinder-bands		0.7037	0.2963	0.7303	0.3344	0.4688
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
day1%		0.3581	0.6419	0.2637	0.0000	0.5110
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.5000	0.0000	0.6840
df_final		0.5625	0.2917	0.4290	0.3000	0.5195
DIA		0.8000	0.2000	0.7183	0.2727	0.3632
diabetes		0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8833	0.0583	0.7045	0.8347	0.0910
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.5000	0.5000	0.4203	-0.1250	0.9838
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7449	0.1701	0.6518	0.5416	0.3335
drug-01		0.2713	0.2082	0.1736	0.0441	0.8766
drug-02		0.5160	0.1383	0.2784	0.1561	0.6922
drug-03		0.6862	0.0897	0.1825	0.0121	0.2682
drug-04		0.5372	0.1322	0.2467	0.1775	0.6279
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.2500	0.2143	0.1638	0.0908	0.8205
drug-07		0.4149	0.1672	0.1962	0.0909	0.7309
drug-08		0.5691	0.1231	0.2301	0.1415	0.4680
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5585	0.1261	0.2016	0.1594	0.5010
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5957	0.1155	0.2095	0.1364	0.5166
drug-14		0.5532	0.1277	0.2156	0.1248	0.6556
drug-15		0.7340	0.0760	0.1515	0.0279	0.5815
drug-16		0.5426	0.1307	0.1985	0.1523	0.4023
drug-17		0.2872	0.2036	0.1843	0.0715	0.7900
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0053	0.2842
drybean		0.4842	0.1474	0.5925	0.3862	0.2598
ecoli		0.9118	0.0221	0.5847	0.8762	0.0468
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8254	0.6393	0.5094
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2500	0.3750	0.2506	0.0012	0.8484
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.1540	0.1058	0.1449	0.0807	0.5664
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5753	0.1699	0.5343	0.4383	0.4100
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.6951	0.0359	0.6025	0.6518	0.2403
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5882	0.4118	0.5745	0.1314	0.8944
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9038	0.0481	0.9003	0.8672	0.1365
gas		0.3221	0.2260	0.4428	0.2069	0.3480
gastrointestinal		0.6875	0.2083	0.5017	0.4521	0.4318
gender		0.5937	0.2709	0.3688	0.1095	0.5083
gene		0.9401	0.0400	0.9342	0.9044	0.1918
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9481	0.0519	0.9481	0.8962	0.2726
gisette		0.9643	0.0357	0.9643	0.9286	0.2074
glass		0.7619	0.0794	0.5585	0.6465	0.1763
glass-g2		0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.3832	0.0506	0.5772
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.6667	0.3333	0.4000	-0.1194	0.8874
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7000	0.0857	0.3229	0.5032	0.1545
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.4923	0.0846	0.1752	0.1074	0.2545
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.5000	0.3333	0.5746	0.2000	0.5045
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8065	0.1935	0.8096	0.6141	0.6376
heart-c		0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure		0.9300	0.0700	0.9177	0.8332	0.3355
heart-quantum		0.9000	0.1000	0.8953	0.7899	0.4335
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6609	0.3391	0.6585	0.3162	0.8679
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.1429	0.2143	0.1215	-0.0182	0.3946
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5000	0.3333	0.2308	-0.0189	0.5123
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9503	0.0497	0.8332	0.6077	0.1711
hypothyroid		0.9284	0.0358	0.4291	0.3422	0.0818
hypothyroidT		0.9337	0.0663	0.7163	0.2280	0.1682
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.5379	0.0355	0.5029	0.5194	0.2113
jm1		0.8108	0.1892	0.6357	0.0431	0.3763
jvowels		0.3775	0.1383	0.3510	0.2695	0.3345
kc1		0.8815	0.1185	0.7476	0.3506	0.2579
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.6501	0.2145	0.6041
kdc-4007		0.3466	0.1867	0.4090	0.2319	0.3905
kddcup981%		0.9053	0.0947	0.4751	-0.0491	0.6630
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.1626	0.0930	0.0157	0.0003	0.3512

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krvskp		0.9185	0.0815	0.9190	0.8370	0.3717
la1s-wc		0.7238	0.0921	0.6998	0.6413	0.2958
la2s-wc		0.7616	0.0795	0.7357	0.6967	0.2992
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5882	0.0358	0.5073	0.5677	0.1134
led24		0.7000	0.0600	0.6329	0.6562	0.1482
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.4690	0.0408	0.5092	0.4481	0.3271
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.7778	0.0296	0.7722	0.7614	0.0938
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7353	0.2647	0.7051	0.4093	0.7890
loan		0.8923	0.1077	0.8857	0.7619	0.4050
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8113	0.0377	0.4292	0.7321	0.1152
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0714	0.4500	0.7083	0.1472
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.6000	0.4000	0.6000	0.2000	0.9285
magic04		0.6733	0.3267	0.6515	0.0894	0.4654
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6436	0.2376	0.6438	0.4502	0.5228
math		0.6750	0.1625	0.3743	0.4561	0.3205
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.7500	0.1250	0.8077	0.6667	0.1805
mental-health		0.1900	0.3240	0.2036	-0.0131	0.7527
messidor		0.6261	0.3739	0.6400	0.2680	0.8624
meter-A		0.2500	0.7500	0.2667	-0.4118	1.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8333	0.0833	0.8860	0.7712	0.1700
meter-D		0.7778	0.1111	0.8182	0.7012	0.2217
mfeat-fac		0.9950	0.0010	0.9951	0.9944	0.0063
mfeat-fou		0.7450	0.0510	0.7341	0.7167	0.2099
mfeat-kar		0.9700	0.0060	0.9714	0.9667	0.0378
mfeat-mor		0.6100	0.0780	0.6110	0.5667	0.2219
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.7550	0.0490	0.7177	0.7278	0.1886
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9434	0.0377	0.9442	0.9137	0.1404
mines		0.3824	0.2471	0.4643	0.2214	0.4585
mobile		0.5559	0.0159	0.5759	0.5478	0.1791
monks-1		0.8727	0.1273	0.8849	0.7442	0.3522
monks-2		0.6557	0.3443	0.5437	0.0288	0.6628
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.8844	0.1156	0.8942	0.7665	0.3330
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9318	0.0682	0.8614	0.6817	0.1818
MUT_ci300400a_cdk_ECFP2		0.6583	0.3417	0.6413	0.2359	0.7786
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.6814	0.3186	0.6712	0.2902	0.7374
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.4659	0.5341	0.5885	0.0660	0.6194
MUT_ci300400a_rdkit_descriptors		0.8183	0.1817	0.8131	0.6249	0.6292
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9207	0.0793	0.8388	0.6375	0.2980
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5139	0.3241	0.3372	0.0311	0.5435
nursery		0.7809	0.1096	0.6212	0.6736	0.1476
obesity		0.5355	0.1327	0.5566	0.4588	0.3316
obs		0.7870	0.1065	0.8072	0.6787	0.2911
occupancy		0.9689	0.0311	0.9576	0.9144	0.2518
Occupancy_Estimation		0.8638	0.0681	0.5185	0.4172	0.1759
oh0-wc		0.8020	0.0396	0.7859	0.7710	0.1697
oh10-wc		0.6762	0.0648	0.6227	0.6294	0.2849
oh15-wc		0.7717	0.0457	0.7531	0.7376	0.1676
oh5-wc		0.8571	0.0286	0.8498	0.8385	0.1281
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9123	0.0195	0.8353	0.8898	0.0492
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9786	0.0043	0.9801	0.9763	0.0305
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.8750	0.0063	0.8426	0.8718	0.0210
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8093	0.1907	0.7806	0.5360	0.6003
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8730	0.1270	0.8809	0.7481	0.4435
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9397	0.0241	0.6203	0.5467	0.1463
parkinson		0.9333	0.0667	0.9312	0.8603	0.3074
parkinsons		0.7725	0.2275	0.7549	0.4760	0.6415
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.7200	0.2800	0.6334	0.0039	0.4265
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia			0.5882	0.1176	0.5347	0.4979	0.3729
pendigits			0.7716	0.0457	0.7837	0.7469	0.1505
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.7778	0.2222	0.7568	0.4000	0.4011
persistency			0.7697	0.2303	0.7475	0.4813	0.7017
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.7350	0.2650	0.7114	0.4208	0.7826
phishing			0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1531	0.2420	0.0379	0.0000	0.4011
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1608	0.2398	0.1300	0.0018	0.4007
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8111	0.1889	0.7807	0.5576	0.6762
phy			0.5578	0.4422	0.5716	0.1126	0.8547
pima			0.6447	0.3553	0.6077	0.1535	0.7594
pirvision			0.8354	0.1097	0.4959	0.1669	0.1903
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4351	0.1614	0.1490	0.0154	0.2379
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9323	0.0677	0.6695	0.0445	0.1696
polya			0.7968	0.2032	0.7720	0.5294	0.6518
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.5882	0.4118	0.6107	0.1765	0.8100
prestige			0.8889	0.0741	0.8805	0.8200	0.1174
primary-tumor			0.3030	0.1072	0.2057	0.1917	0.3677
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.7143	0.2857	0.7407	0.3636	0.4644
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.4774	0.2091	0.4415	0.2839	0.3084
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4929	0.5071	0.4922	-0.0145	0.9806
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8778	0.1222	0.8824	0.7556	0.4478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
re0-wc			0.7333	0.0410	0.5935	0.6367	0.2962
re1-wc			0.6627	0.0270	0.4770	0.6161	0.2533
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6357	0.3643	0.6396	0.2735	0.8719
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.4666	0.1778	0.3917	0.3169	0.2891
satimageF			0.9736	0.0264	0.9288	0.8496	0.1409
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.5714	0.1714	0.3556	0.3438	0.2054
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5000	0.5000	0.5000	0.0000	0.9694
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8701	0.0371	0.8846	0.8483	0.1223
segmentation			0.8317	0.1683	0.8127	0.6214	0.6065
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.8720	0.1280	0.8811	0.7425	0.4051
smart-farming			0.2400	0.3800	0.2467	-0.0011	0.7960
smk_can_187			0.6316	0.3684	0.6315	0.2486	0.8662
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1867	0.3253	0.1651	-0.0191	0.7971
solar-flare			0.7338	0.0887	0.5729	0.6581	0.2529
sonar			0.6500	0.3500	0.6508	0.3000	0.8761
soybean			0.8971	0.0108	0.8632	0.8867	0.0537
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8739	0.1261	0.8725	0.7232	0.3910
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer			0.4231	0.0427	0.2988	0.3868	0.1939
splice-EI			0.9621	0.0379	0.9495	0.8988	0.2472
splice-IE			0.9180	0.0820	0.8827	0.7620	0.4101
sport-articles			0.8500	0.1500	0.8368	0.6652	0.5402
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8564	0.1436	0.7698	0.5343	0.6257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9795	0.0205	0.9683	0.9347	0.0802
steel-o			0.7692	0.2308	0.7353	0.4361	0.6635
steel-p			0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9590	0.0410	0.8893	0.7772	0.4339
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8472	0.1528	0.6947	0.2626	0.4522
stockb			0.8722	0.0852	0.8825	0.8085	0.1786
streaming			0.8840	0.1160	0.8843	0.7670	0.4741
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3400	0.2640	0.2353	0.0075	0.7075
student-weekend			0.3385	0.2646	0.2564	0.0975	0.7171
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.4579	0.1415	0.3664
susy1%			0.5522	0.4478	0.6024	0.0245	0.5375
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5755	0.3000	0.5012
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.8236	0.0321	0.7475	0.8055	0.1112
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.7761	0.2239	0.6751	0.1310	0.3816
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.8293	0.0379	0.7544	0.7860	0.1294
trec12-wc			0.8710	0.0323	0.8891	0.8422	0.0810
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.7619	0.0794	0.5817	0.6341	0.1780
trec31-wc			0.8172	0.0609	0.8218	0.7410	0.1375
trec41-wc			0.7614	0.0477	0.5142	0.7029	0.1583
trec45-wc			0.8406	0.0319	0.6973	0.8117	0.1128
tuandromd			0.9686	0.0314	0.9522	0.9042	0.2634
turkish			0.8500	0.0750	0.8510	0.8000	0.1819
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8846	0.1154	0.8757	0.7423	0.4345
tvnews10%			0.6469	0.3531	0.5936	0.0622	0.6023
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7761	0.0498	0.8048	0.7369	0.1515
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.6786	0.1607	0.6307	0.5650	0.3137

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5152	0.0882	0.5339	0.4667	0.2507
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.6346	0.0365	0.4725	0.5716	0.1942
warpar10p			0.6154	0.0769	0.5739	0.5695	0.1275
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.1819	0.2338	0.1334	0.0039	0.4308
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2767	0.3617	0.2789	0.0375	0.8245
waveform			0.8320	0.1120	0.8335	0.7481	0.3730
weather-related			0.8923	0.0196	0.9109	0.8788	0.0995
web-phishing			0.8000	0.1333	0.5508	0.6227	0.3366
Weekly			0.9630	0.0370	0.9635	0.9244	0.1598
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5849	0.1384	0.2752	0.3050	0.3639
winequality-white			0.4765	0.1496	0.2300	0.1645	0.7472
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.5625	0.0583	0.4982	0.5314	0.1120
yeast			0.5135	0.0973	0.2800	0.3838	0.4989
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 204: Detailed results for RQLSVC(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1542	0.0806	0.0615	0.0506	0.4453
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.8780	0.1220	0.7054	0.2050	0.2594
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8263	0.1737	0.7478	0.3904	0.4223
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7907	0.2093	0.7776	0.4747	0.4551
anneal		0.8539	0.0584	0.5314	0.6602	0.2066
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9346	0.0327	0.7033	0.8721	0.1111
anuran-genus		0.9777	0.0056	0.9520	0.9632	0.0359
anuran-species		0.9778	0.0044	0.9585	0.9689	0.0299
anxiety		0.1250	0.1944	0.1094	0.0127	0.7412
apple-quality		0.8825	0.1175	0.8829	0.7650	0.4769
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia		0.5778	0.0650	0.1365	0.1167	0.2164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.8824	0.1176	0.6849	0.1270	0.2517
audiology		0.8636	0.0248	0.8413	0.8370	0.0659
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.8966	0.1034	0.9058	0.7943	0.3261
autos		0.6000	0.1333	0.3787	0.4366	0.2454
avila		0.4346	0.0942	0.1997	0.1027	0.3671
babies		0.4274	0.1636	0.1399	0.0907	0.4148
balance		0.8871	0.0753	0.6114	0.7877	0.2090
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8940	0.1060	0.8888	0.7556	0.3108
basehock		0.6131	0.3869	0.6863	0.2231	0.5134
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9938	0.0062	0.7876	0.5236	0.2471
biodeg		0.7619	0.2381	0.7419	0.4560	0.6789
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.7273	0.0909	0.7015	0.6765	0.1388
bridges		0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7471	0.1264	0.3997	0.5223	0.2526
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.7653	0.0469	0.6247	0.7121	0.1891
cardiotocography-nsp		0.8685	0.0876	0.7325	0.5560	0.2222
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7500	0.1667	0.6399	0.5560	0.4547
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.7296	0.2704	0.7271	0.4536	0.7807
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.7831	0.2169	0.7814	0.5607	0.6909
cas_N6512_rdkit_FEATMORGAN		0.5515	0.4485	0.6169	0.0287	0.5192
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.6979	0.3021	0.6948	0.3853	0.8166
cas_N6512_rdkit_LAYERED		0.5785	0.4215	0.6207	0.0946	0.5905
cas_N6512_RDkit_Layered_FP		0.7316	0.2684	0.7361	0.4665	0.7610
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.7354	0.2646	0.7331	0.4625	0.7652
cas_N6512_RDkit_pattern_FP		0.7285	0.2715	0.7426	0.4656	0.7253
cas_N6512_rdkit_RDKITFP		0.7312	0.2688	0.7453	0.4707	0.7205
cas_N6512_rdkit_TORSION		0.5723	0.4277	0.5749	0.0892	0.7616
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6842	0.3158	0.6572	0.2192	0.6561
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6667	0.2222	0.4397	0.3163	0.4597
cjs		0.9607	0.0131	0.9513	0.9520	0.0631
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8074	0.0963	0.5640	0.6926	0.2983
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5374	0.3084	0.5134	0.2619	0.6979
cnae-9		0.6574	0.0761	0.7078	0.6146	0.2337
codon_usage		0.9156	0.0153	0.7209	0.8967	0.1110
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.5000	0.0667	0.2249	0.4357	0.1589
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.7586	0.2414	0.7424	0.3596	0.4176
colposcopies-2		0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.8710	0.1290	0.8486	0.6884	0.4958
column-3c		0.7419	0.1720	0.6525	0.5739	0.3295
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7788	0.2212	0.7788	0.5577	0.7026
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.4761	0.1497	0.0922	0.0000	0.2297

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		1.0000	0.0000	1.0000	1.0000	0.0000
cultivars		0.2812	0.0359	0.1942	0.2625	0.1061
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1700	0.2767	0.1226	-0.0075	0.5927
cyclopentane		0.7037	0.2963	0.7072	0.4098	0.8027
cylinder-bands		0.7037	0.2963	0.7303	0.3344	0.4688
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.5000	0.0000	0.6840
df_final		0.5000	0.3333	0.3810	0.2000	0.5537
DIA		0.8000	0.2000	0.7183	0.2727	0.3632
diabetes		0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9667	0.0167	0.9499	0.9537	0.0444
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.5000	0.5000	0.4203	-0.1250	0.9838
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7246	0.1836	0.6182	0.5061	0.4084
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.4309	0.1626	0.1922	0.2612	0.3834
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5638	0.1246	0.1628	0.1039	0.3296
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5957	0.1155	0.1582	0.1599	0.3394
drug-14		0.5798	0.1201	0.2178	0.1836	0.3459
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5745	0.1216	0.1765	0.2400	0.3222
drug-17		0.3670	0.1809	0.1314	0.1080	0.4321
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0053	0.2842
drybean		0.9265	0.0210	0.9385	0.9109	0.1155
ecoli		0.8824	0.0294	0.5623	0.8343	0.0566
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8254	0.6393	0.5094
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2500	0.3750	0.2529	-0.0051	0.8009
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.5507	0.4493	0.5125	0.0003	0.5317
eeg10%		0.3333	0.0833	0.2808	0.2450	0.4460
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5753	0.1699	0.4752	0.4411	0.4106
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.5000	0.0588	0.2146	0.3906	0.2700
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5882	0.4118	0.5745	0.1314	0.8944
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.9698	0.0101	0.9679	0.9633	0.0555
gastrointestinal		0.7500	0.1667	0.7425	0.5676	0.3678
gender		0.5811	0.2793	0.3351	0.0177	0.4595
gene		0.9306	0.0463	0.9250	0.8898	0.2099
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.9481	0.0519	0.9481	0.8962	0.2726
gisette		0.9643	0.0357	0.9643	0.9286	0.2074
glass		0.7619	0.0794	0.5540	0.6477	0.1753
glass-g2		0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.2651	0.0683	0.5039
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.6667	0.3333	0.4000	-0.1194	0.8874
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.2844	0.2862	0.0886	0.0000	0.3861

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.6040	0.1131	0.4520	0.4903	0.1518
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth1%		0.4885	0.0853	0.1705	0.0975	0.2544
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.5000	0.3333	0.5721	0.1950	0.5024
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8065	0.1935	0.8096	0.6141	0.6376
heart-c		0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure		0.9300	0.0700	0.9177	0.8332	0.3355
heart-quantum		0.9000	0.1000	0.8953	0.7899	0.4335
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6609	0.3391	0.6585	0.3162	0.8679
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.0500	0.0065	0.3550
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.4358	0.2174	0.3601
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.3531	0.4313	0.4927	0.0713	0.4411
htru2		0.9503	0.0497	0.8332	0.6077	0.1711
hypothyroid		0.9310	0.0345	0.4432	0.3799	0.0785
hypothyroidT		0.9337	0.0663	0.7163	0.2280	0.1682
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.9551	0.0035	0.9561	0.9533	0.0418
jm1		0.8108	0.1892	0.6357	0.0431	0.3763
jvowels		0.9809	0.0042	0.9802	0.9784	0.0320
kc1		0.8815	0.1185	0.7476	0.3506	0.2579
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.6501	0.2145	0.6041
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.6526	0.3474	0.5734	0.0684	0.3459
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.4766	0.0582	0.3361	0.4107	0.4125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krvskp		0.9185	0.0815	0.9190	0.8370	0.3717
la1s-wc		0.3460	0.2180	0.2103	0.1726	0.5203
la2s-wc		0.4205	0.1932	0.2826	0.2064	0.4205
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6176	0.0332	0.5834	0.5985	0.0907
led24		0.5500	0.0900	0.4494	0.4944	0.2033
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9200	0.0062	0.9219	0.9168	0.0808
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8611	0.0185	0.8500	0.8507	0.0641
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7353	0.2647	0.7051	0.4093	0.7890
loan		0.8923	0.1077	0.8857	0.7619	0.4050
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.4824	0.0941	0.1447	0.2928	0.3705
lrs		0.8302	0.0340	0.4362	0.7617	0.1090
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.6000	0.4000	0.6000	0.2000	0.9285
magic04		0.6733	0.3267	0.6515	0.0894	0.4654
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6535	0.2310	0.6540	0.4650	0.5083
math		0.7000	0.1500	0.3886	0.4990	0.2977
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1933	0.3227	0.1547	-0.0129	0.5718
messidor		0.6261	0.3739	0.6400	0.2680	0.8624
meter-A		0.2500	0.7500	0.2667	-0.4118	1.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.4444	0.2778	0.5662	0.2500	0.2753
meter-D		0.5556	0.2222	0.4607	0.3766	0.3163
mfeat-fac		0.9950	0.0010	0.9951	0.9944	0.0063
mfeat-fou		0.8250	0.0350	0.8299	0.8056	0.1404
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7100	0.0580	0.7034	0.6778	0.2004
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.8550	0.0290	0.8527	0.8389	0.0831
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9057	0.0629	0.9036	0.8555	0.2117
mines		0.5000	0.2000	0.4451	0.3745	0.3873
mobile		0.8706	0.0046	0.8770	0.8683	0.0580
monks-1		0.8727	0.1273	0.8849	0.7442	0.3522
monks-2		0.6557	0.3443	0.5437	0.0288	0.6628
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.8844	0.1156	0.8942	0.7665	0.3330
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.9318	0.0682	0.8614	0.6817	0.1818
MUT_ci300400a_cdk_ECFP2		0.6511	0.3489	0.7055	0.3463	0.6864
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.6814	0.3186	0.6712	0.2902	0.7374
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5899	0.4101	0.6199	0.0200	0.5054
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.4659	0.5341	0.5885	0.0660	0.6194
MUT_ci300400a_rdkit_descriptors		0.8183	0.1817	0.8131	0.6249	0.6292
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		0.9207	0.0793	0.8388	0.6375	0.2980
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5139	0.3241	0.3224	0.0051	0.5194
nursery		0.9583	0.0208	0.7282	0.9383	0.0581
obesity		0.8436	0.0447	0.8414	0.8174	0.1719
obs		0.8056	0.0972	0.8426	0.7037	0.2513
occupancy		0.9689	0.0311	0.9576	0.9144	0.2518
Occupancy_Estimation		0.8993	0.0503	0.6141	0.6117	0.1422
oh0-wc		0.2277	0.1545	0.1209	0.0492	0.3684
oh10-wc		0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc		0.3261	0.1348	0.1120	0.1842	0.3368
oh5-wc		0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.9123	0.0195	0.8353	0.8898	0.0492
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9786	0.0043	0.9806	0.9763	0.0285
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8093	0.1907	0.7806	0.5360	0.6003
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8730	0.1270	0.8809	0.7481	0.4435
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9598	0.0161	0.7665	0.7332	0.1140
parkinson		0.9333	0.0667	0.9312	0.8603	0.3074
parkinsons		0.7725	0.2275	0.7549	0.4760	0.6415
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle			0.7194	0.2806	0.4184	0.0000	0.4268
particle10%			0.7200	0.2800	0.6334	0.0039	0.4265
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia			0.6176	0.1092	0.5506	0.5268	0.3455
pendigits			0.9891	0.0022	0.9892	0.9879	0.0187
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.7778	0.2222	0.7568	0.4000	0.4011
persistency			0.7697	0.2303	0.7475	0.4813	0.7017
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.7350	0.2650	0.7114	0.4208	0.7826
phishing			0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL			0.4281	0.5719	0.2998	0.0000	0.5287
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.7159	0.0812	0.6844	0.6669	0.2582
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%			0.7071	0.0837	0.6845	0.6562	0.2966
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.8111	0.1889	0.7807	0.5576	0.6762
phy			0.5578	0.4422	0.5716	0.1126	0.8547
pima			0.6447	0.3553	0.6077	0.1535	0.7594
pirvision			0.8361	0.1093	0.4980	0.1723	0.1897
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th			0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th			0.9306	0.0694	0.5966	0.0403	0.2959
polya			0.7968	0.2032	0.7720	0.5294	0.6518
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.5882	0.4118	0.6107	0.1765	0.8100
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3939	0.0932	0.2652	0.3286	0.2495
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.7143	0.2857	0.7407	0.3636	0.4644
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.7170	0.1132	0.6716	0.6067	0.2697
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4929	0.5071	0.4922	-0.0145	0.9806
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
raisin			0.8778	0.1222	0.8824	0.7556	0.4478
re0-wc			0.4733	0.0810	0.1071	0.1425	0.2679
re1-wc			0.2651	0.0588	0.0442	0.0559	0.3269
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6357	0.3643	0.6396	0.2735	0.8719
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8507	0.0498	0.8294	0.8134	0.1718
satimageF			0.9736	0.0264	0.9288	0.8496	0.1409
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.5714	0.1714	0.4346	0.4474	0.2170
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5000	0.5000	0.5000	0.0000	0.9694
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9134	0.0247	0.9226	0.8987	0.0940
segmentation			0.8317	0.1683	0.8127	0.6214	0.6065
segmentO			0.9957	0.0043	0.9913	0.9825	0.0218
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.8720	0.1280	0.8811	0.7425	0.4051
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.6316	0.3684	0.6315	0.2486	0.8662
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2133	0.3147	0.1542	0.0144	0.6385
solar-flare			0.7266	0.0911	0.5635	0.6476	0.1990
sonar			0.6500	0.3500	0.6508	0.3000	0.8761
soybean			0.9412	0.0062	0.9048	0.9352	0.0227
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8739	0.1261	0.8725	0.7232	0.3910
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer			0.5000	0.0370	0.3554	0.4669	0.1611
splice-EI			0.9621	0.0379	0.9495	0.8988	0.2472
splice-IE			0.9180	0.0820	0.8827	0.7620	0.4101
sport-articles			0.8500	0.1500	0.8368	0.6652	0.5402
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8564	0.1436	0.7698	0.5343	0.6257
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9795	0.0205	0.9683	0.9347	0.0802
steel-o			0.7641	0.2359	0.7284	0.4257	0.6832
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9590	0.0410	0.8893	0.7772	0.4339
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8472	0.1528	0.6947	0.2626	0.4522
stockb			0.9868	0.0088	0.9870	0.9802	0.0366
streaming			0.8840	0.1160	0.8843	0.7670	0.4741
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4000	0.2400	0.1867	0.0406	0.4513
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.5522	0.4478	0.6024	0.0245	0.5375
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6082	0.4000	0.5332
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.9927	0.0013	0.9935	0.9920	0.0100
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7761	0.2239	0.6751	0.1310	0.3816
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3871	0.2043	0.1314	0.0490	0.4036
trec41-wc			0.3864	0.1227	0.1417	0.2211	0.3343
trec45-wc			0.2754	0.1449	0.0959	0.1009	0.3904
tuandromd			0.9686	0.0314	0.9522	0.9042	0.2634
turkish			0.8500	0.0750	0.8521	0.8000	0.1546
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.8846	0.1154	0.8757	0.7423	0.4345
tvnews10%			0.6469	0.3531	0.5936	0.0622	0.6023
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7910	0.0464	0.8164	0.7541	0.1492
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7500	0.1250	0.6857	0.6592	0.2314
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.8333	0.1667	0.8182	0.5714	0.3522
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6364	0.0661	0.6733	0.6000	0.1923
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.3782	0.0622	0.1658	0.2732	0.2742
warpar10p			0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.5363	0.1325	0.5302	0.4563	0.4820
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2333	0.3833	0.0959	-0.0138	0.4782
waveform			0.8300	0.1133	0.8314	0.7451	0.3743
weather-related			0.9135	0.0157	0.9252	0.9014	0.0855
web-phishing			0.8000	0.1333	0.5508	0.6227	0.3366
Weekly			0.9630	0.0370	0.9635	0.9244	0.1598
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0254
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5912	0.1363	0.2934	0.3088	0.3217
winequality-white			0.5174	0.1379	0.2106	0.1844	0.3608
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5203	0.0959	0.3458	0.3804	0.3493
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 205: Detailed results for RR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1679	0.0574	0.0564	0.0734	0.4113
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.8380	0.1620	0.7556	0.4930	0.6206
advanced-iot		0.9947	0.0018	0.9947	0.9936	0.0111
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.6587	0.3413	0.4891	-0.0150	0.5306
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7905	0.2095	0.5065	0.0086	0.7569
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.7778	0.2222	0.6049	0.2044	0.7424
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.8252	0.1748	0.5561	0.0982	0.5898
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.4000	0.6000	0.3434	-0.3043	0.9574
AID644red		0.8000	0.2000	0.7619	0.4118	0.3750
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8263	0.1737	0.7454	0.4784	0.6580
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8699	0.1301	0.8673	0.7344	0.5151
alcohol		0.7524	0.0990	0.2574	0.3793	0.2199
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8419	0.1581	0.8245	0.6477	0.5939
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9068	0.0466	0.6252	0.8183	0.2179
anuran-genus		0.8957	0.0261	0.5995	0.8217	0.1664
anuran-species		0.9069	0.0186	0.6839	0.8679	0.0833
anxiety		0.0833	0.2037	0.0767	-0.0343	0.8156
apple-quality		0.7325	0.2675	0.7341	0.4650	0.7679
aps-failure		0.9884	0.0116	0.8057	0.5717	0.2633
arabidopsis		0.9920	0.0080	0.6663	0.0022	0.0321
arabidopsis0.1%		0.8912	0.1088	0.4712	-0.0165	0.1482
arabidopsis1%		0.9941	0.0059	0.7718	0.4098	0.0249
arabidopsis10%		0.9920	0.0080	0.6674	0.0072	0.0320

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.6889	0.0479	0.3110	0.4728	0.2200
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.8261	0.0145	0.3598	0.7987	0.0376
audit-risk		0.9359	0.0641	0.9354	0.8624	0.2175
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9429	0.0571	0.9278	0.8555	0.3348
autism-child		0.7931	0.2069	0.7967	0.5877	0.6595
autos		0.7500	0.0833	0.6061	0.6622	0.1975
avila		0.4844	0.0859	0.1849	0.1925	0.3086
babies		0.4355	0.1613	0.1826	0.1039	0.4016
balance		0.8871	0.0753	0.6111	0.7875	0.2104
bank		0.9075	0.0925	0.7266	0.4241	0.5497
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8940	0.1060	0.8868	0.7578	0.3593
basehock		0.8995	0.1005	0.8996	0.7990	0.4328
bio		0.9938	0.0062	0.7887	0.4745	0.0688
bio10%		0.9945	0.0055	0.8167	0.5975	0.2371
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9835	0.0013	0.0462	-0.0010	0.0502
bitcoin1%		0.9747	0.0122	0.0285	-0.0030	0.0185
bitcoin10%		0.9919	0.0018	0.0347	-0.0040	0.0240
body-perf		0.5373	0.2313	0.5446	0.3831	0.4656
bookings		0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor		0.5080	0.4920	0.5079	0.0159	0.9953
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.7407	0.7800	0.0723
bridges		0.8000	0.0571	0.5333	0.7143	0.0578
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9667	0.0333	0.9629	0.9231	0.2236
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4890	0.3407	0.2536	-0.0065	0.3863
car		0.8161	0.0920	0.3947	0.5820	0.2538
car-insurance		0.8280	0.1720	0.7952	0.5886	0.6381
card		0.8841	0.1159	0.8859	0.7665	0.4642
cardiotocography		0.6808	0.0639	0.4943	0.6071	0.2464
cardiotocography-nsp		0.8357	0.1095	0.6441	0.4715	0.4486
cardiovascular		0.6498	0.3502	0.6501	0.2995	0.8788
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5951	0.4643	0.4591
cas_N6512_cdk_ECFP2		0.7573	0.2427	0.7551	0.5095	0.7381
ccds1%		0.8187	0.1813	0.4737	-0.0337	0.3918
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8455	0.1030	0.4069	0.0734	0.2446
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.4871	-0.0029	0.2827
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9447	0.0553	0.7029	0.2726	0.3106
census10%		0.9482	0.0518	0.7040	0.2704	0.2954
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9419	0.0581	0.6302	0.2561	0.6215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-S		0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia		0.7070	0.1465	0.5324	0.5403	0.2222
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8040	0.1960	0.6176	0.1391	0.5946
churn-bigml		0.8652	0.1348	0.6558	0.1810	0.4644
ci900367j_MACCS		0.7789	0.2211	0.7604	0.5173	0.7088
cirrhosis		0.7619	0.1587	0.5228	0.4976	0.3306
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7657	0.1171	0.4261	0.6105	0.2435
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.4616	0.1822	0.7359
cnae-9		0.9167	0.0185	0.9201	0.9062	0.0778
codon_usage		0.7897	0.0382	0.4129	0.7394	0.1959
coil20		0.9444	0.0056	0.9469	0.9415	0.0342
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.4200	0.0773	0.3459	0.3535	0.3144
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2		0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3		0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4		0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7419	0.1720	0.6554	0.5702	0.3627
comedy_comparisons1%		0.5303	0.4697	0.5285	0.0567	0.9814
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7764	0.2236	0.7764	0.5529	0.7067
coupon		0.6814	0.3186	0.6718	0.3421	0.8468
covid19		0.5347	0.1329	0.2156	0.1577	0.3337
covtype		0.7004	0.0856	0.3998	0.5028	0.3427
covtype10%		0.6981	0.0863	0.4337	0.4986	0.3545
covtypeCD		0.9269	0.0731	0.8286	0.6201	0.3298
covtypeT		0.9364	0.0636	0.6772	0.2519	0.4098
creditcard_trans		0.9989	0.0011	0.8191	0.6048	0.2286
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8230	0.0590	0.3881	0.5751	0.2090
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1875	0.0406	0.0805	0.1663	0.1237
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.1636	-0.0119	0.8696
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.6481	0.3519	0.6383	0.2764	0.8859
darwin		0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1014	0.1797	0.1009	0.0013	0.9215
day1%		0.9663	0.0495	0.9781	0.9527	0.1632
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8017	0.1983	0.6567	0.1984	0.5500

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
defect		0.8488	0.1512	0.6726	0.0932	0.2972
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8976	0.1024	0.6969	0.3491	0.5570
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.3639	0.1351	0.4618
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
diabetes		0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k		0.9370	0.0630	0.7616	0.3938	0.1927
diabetes-risk		0.8459	0.1541	0.7333	0.4105	0.5468
diabetic		0.5739	0.2840	0.4195	0.1597	0.5667
diabetic1%		0.4510	0.3660	0.4182	0.0891	0.7763
diabetic10%		0.5088	0.3274	0.3493	0.0646	0.6941
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.5627	0.1749	0.3795	0.3320	0.4002
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9130	0.0870	0.6741	0.2552	0.4630
dota2		0.5996	0.4004	0.5963	0.1910	0.9268
dota210%		0.5699	0.4301	0.5664	0.1320	0.9528
drebin		0.9674	0.0326	0.9649	0.9296	0.1902
dropout		0.7540	0.1640	0.6436	0.5729	0.4309
drug-01		0.4149	0.1672	0.2001	0.0637	0.4208
drug-02		0.5160	0.1383	0.1628	0.0899	0.4894
drug-03		0.6915	0.0881	0.1172	0.0096	0.1975
drug-04		0.5266	0.1353	0.1865	0.0668	0.3701
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4362	0.1611	0.2289	0.2682	0.3725
drug-07		0.4574	0.1550	0.1391	0.0690	0.3383
drug-08		0.5426	0.1307	0.1227	0.0473	0.3882
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5585	0.1261	0.1538	0.1375	0.3501
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1711	0.2148	0.3259
drug-14		0.5904	0.1170	0.2173	0.2142	0.3764
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5904	0.1170	0.2297	0.2623	0.3573
drug-17		0.3564	0.1839	0.1292	0.0963	0.4406
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9052	0.0271	0.9168	0.8853	0.1418
ecoli		0.8529	0.0368	0.4437	0.7901	0.0841
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2591	0.0132	0.8387
eeg		0.3355	0.0831	0.2875	0.2518	0.5600
eeg-eye		0.6088	0.3912	0.5972	0.1803	0.8923
eeg10%		0.3147	0.0857	0.2767	0.2305	0.5487

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5890	0.1644	0.5293	0.4586	0.4105
euthyroid		0.9146	0.0854	0.7101	0.2109	0.2020
exon.vs.intron-freq		0.8919	0.1081	0.8954	0.7847	0.4265
exon.vs.intron-freq10%		0.8872	0.1128	0.8900	0.7752	0.4467
fakenews		0.5400	0.4600	0.5399	0.0798	0.9753
farm-ads		0.8865	0.1135	0.8861	0.7711	0.4641
fbis-wc		0.5122	0.0574	0.5157	0.4517	0.4601
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk		0.6680	0.1107	0.3607	0.4136	0.2659
flags		0.5500	0.1125	0.2941	0.4118	0.3251
fonts		0.3245	0.0088	0.0410	0.2610	0.3443
fonts10%		0.3238	0.0088	0.0370	0.2607	0.3350
forest		0.8846	0.0577	0.8688	0.8388	0.1332
gas		0.9662	0.0113	0.9635	0.9590	0.0704
gastrointestinal		0.7500	0.1667	0.6808	0.5817	0.4216
gender		0.6000	0.2667	0.3792	0.1413	0.5118
gene		0.8959	0.0694	0.8838	0.8335	0.2758
german		0.7300	0.2700	0.6848	0.3317	0.7314
gestures		0.3313	0.3343	0.3293	0.1084	0.8094
gina		0.8473	0.1527	0.8486	0.6938	0.5535
gisette		0.9214	0.0786	0.9214	0.8429	0.3667
glass		0.6190	0.1270	0.4881	0.4362	0.2679
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.5278	0.2638	0.4580
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.9616	0.0064	0.8668	0.9545	0.0405
har		0.6988	0.1205	0.6901	0.6156	0.4346
har70		0.7475	0.0721	0.3809	0.5918	0.1844
har701%		0.7434	0.0733	0.3756	0.5846	0.1823
har7010%		0.7474	0.0722	0.3806	0.5918	0.1839
harth		0.6126	0.0646	0.2009	0.4180	0.2622
harth1%		0.6097	0.0651	0.1654	0.4125	0.2655
harth10%		0.6122	0.0646	0.1680	0.4177	0.2636
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.8340	0.1660	0.8040	0.6072	0.6275
heart-quantum		0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis		0.9333	0.0667	0.9148	0.8148	0.4011
hepmass		0.8351	0.1649	0.8351	0.6701	0.5936
hepmass1%		0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%		0.8352	0.1648	0.8352	0.6703	0.5934
hERG-121inputs		0.8571	0.1429	0.8250	0.5882	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6555	0.3445	0.6527	0.3016	0.8677
higgs1%		0.6397	0.3603	0.6368	0.2664	0.8767
higgs10%		0.6405	0.3595	0.6379	0.2697	0.8781
higher		0.2857	0.1786	0.1829	0.1566	0.2633
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9039	0.0961	0.8142	0.6127	0.4789
hiva		0.9645	0.0355	0.6167	0.1102	0.3399
horse		0.6389	0.2407	0.6149	0.3641	0.5899
hotel-reservartions		0.8128	0.1872	0.7793	0.5491	0.6437
hr		0.8561	0.1439	0.4612	-0.0135	0.4899
ht-sensor		0.5529	0.2981	0.5546	0.3296	0.6811
ht-sensor10%		0.5334	0.3111	0.5349	0.3009	0.6990
htru2		0.9698	0.0302	0.9033	0.7900	0.1455
hypothyroid		0.9204	0.0398	0.3805	0.2188	0.0908
hypothyroidT		0.9310	0.0690	0.7021	0.1756	0.1727
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.8987	0.0507	0.9059	0.8649	0.1714
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		0.6667	0.2222	0.6139	0.4898	0.3083
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8909	0.0084	0.8939	0.8865	0.0946
jm1		0.8154	0.1846	0.6274	0.1190	0.5085
jvowels		0.8564	0.0319	0.8541	0.8369	0.1634
kc1		0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.7143	0.0238	0.1185	0.4563	0.0690
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.7132	0.0717	0.6421	0.6658	0.3267
kddcup981%		0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%		0.8220	0.1780	0.5460	0.0696	0.4915
kddcup99		0.9964	0.0003	0.3626	0.9939	0.0329
kddcup991%		0.9911	0.0014	0.7490	0.9849	0.0380
kddcup9910%		0.9905	0.0008	0.5109	0.9839	0.0582
kepler		0.8169	0.1220	0.7674	0.6964	0.2476
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9750	0.0250	0.9743	0.9474	0.1598
krkopt		0.2684	0.0813	0.1166	0.1536	0.4663
krvskp		0.9404	0.0596	0.9409	0.8809	0.2973
la1s-wc		0.7524	0.0825	0.7502	0.6922	0.3890
la2s-wc		0.7781	0.0740	0.7660	0.7219	0.3465
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5000	0.0250	0.3083	0.4839	0.1014
led24		0.7500	0.0500	0.7059	0.7167	0.0949
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.5525	0.0344	0.5625	0.5343	0.3368
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.6944	0.0407	0.6940	0.6725	0.1287
linkage		0.9979	0.0021	0.8940	0.7708	0.4755
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.9981	0.0019	0.9022	0.7868	0.4689
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9321	0.0679	0.9283	0.8563	0.3460

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
localization		0.3930	0.1104	0.1245	0.1429	0.4128
localization10%		0.3902	0.1109	0.1292	0.1422	0.4243
lrs		0.8113	0.0377	0.4181	0.7323	0.1216
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.9202	0.0428	0.7018	0.8742	0.1057
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5538	0.4462	0.5545	0.1077	0.9603
magic04		0.7754	0.2246	0.7437	0.4738	0.7012
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8334	0.6662	0.5966
marketing		0.8884	0.1116	0.7389	0.3971	0.4354
maternal		0.6238	0.2508	0.6252	0.4173	0.5520
math		0.7500	0.1250	0.7463	0.6040	0.2915
mba		0.8355	0.1097	0.3485	0.0075	0.2492
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2400	0.3040	0.2451	0.0483	0.8365
messidor		0.7130	0.2870	0.7222	0.4332	0.7707
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.5556	0.2222	0.3751	0.3600	0.3178
meter-D		0.7778	0.1111	0.6317	0.6828	0.2384
mfeat-fac		0.9750	0.0050	0.9754	0.9722	0.0289
mfeat-fou		0.7500	0.0500	0.7476	0.7222	0.2240
mfeat-kar		0.9300	0.0140	0.9317	0.9222	0.0857
mfeat-mor		0.6150	0.0770	0.6065	0.5722	0.2278
mfeat-pix		0.9500	0.0100	0.9507	0.9444	0.0604
mfeat-zer		0.7850	0.0430	0.7806	0.7611	0.1721
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.7642	0.1572	0.7331	0.6351	0.4499
mines		0.4412	0.2235	0.3058	0.2854	0.4084
mobile		0.5490	0.0161	0.5511	0.5407	0.1867
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6230	0.3770	0.3838	-0.0637	0.7809
monks-3		0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4400	0.1018	0.3725	0.2979	0.4976
musk		0.9273	0.0727	0.8496	0.6654	0.2887
MUT_ci300400a_cdk_ECFP2		0.8177	0.1823	0.8113	0.6212	0.6317
MUT_ci300400a_rdkit_descriptors		0.7757	0.2243	0.7692	0.5377	0.7114
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9485	0.0515	0.9491	0.8970	0.2600
nci9		1.0000	0.0000	0.6667	1.0000	0.0000
ncRNA		0.8580	0.0149	0.1652	0.5369	0.1447
ncRNA1%		0.8569	0.0151	0.1286	0.5280	0.1300
ncRNA10%		0.8590	0.0148	0.1705	0.5420	0.1412
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.6187	0.0173	0.6467	0.6063	0.3066

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
newspop		0.6463	0.3537	0.6436	0.2866	0.8842
NHANES_age_prediction		0.9515	0.0485	0.9048	0.7979	0.2301
nomao		0.9370	0.0630	0.9231	0.8462	0.3541
NPHA-doctor-visits		0.4861	0.3426	0.2694	-0.0517	0.5491
nursery		0.9113	0.0355	0.5539	0.8685	0.1132
obesity		0.6066	0.1124	0.5915	0.5409	0.3779
obs		0.7407	0.1296	0.7786	0.6176	0.3662
occupancy		0.9864	0.0136	0.9816	0.9624	0.1468
Occupancy_Estimation		0.9654	0.0173	0.8875	0.8925	0.0697
oh0-wc		0.8515	0.0297	0.8688	0.8300	0.1166
oh10-wc		0.6952	0.0610	0.6803	0.6535	0.2953
oh15-wc		0.6848	0.0630	0.6443	0.6422	0.2998
oh5-wc		0.7473	0.0505	0.7532	0.7138	0.2317
ohscal-wc		0.3557	0.1289	0.3415	0.2776	0.7244
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9377	0.0125	0.9401	0.9308	0.0832
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7990	0.2010	0.7847	0.5665	0.6803
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7460	0.2540	0.7465	0.4921	0.7536
p53-mutants		0.9943	0.0057	0.6553	0.3049	0.5258
p53-mutants10%		0.9873	0.0127	0.4968	-0.0048	0.3262
page-blocks		0.9214	0.0314	0.4439	0.3305	0.1341
parkinson		0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons		0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8953	0.1047	0.8663	0.7277	0.4571
particle10%		0.8754	0.1246	0.8395	0.6694	0.5003
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4948	0.5052	0.4896	-0.0207	0.9923
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8421	0.1579	0.7973	0.5932	0.6403
pediatric-leukemia		0.8235	0.0504	0.7646	0.7821	0.1427
pendigits		0.8790	0.0242	0.8773	0.8655	0.1507
period		0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.8134	0.1866	0.7980	0.5936	0.6458
personalities		0.8883	0.0140	0.8889	0.8809	0.1635
pet-adoption		0.8950	0.1050	0.8793	0.7521	0.4265
phishing		0.9429	0.0571	0.9400	0.8788	0.2812
phone-acc		0.5101	0.1400	0.4647	0.4273	0.3615
phone-acc0.1%		0.5168	0.1380	0.4966	0.4351	0.3829
phone-acc1%		0.5140	0.1389	0.4630	0.4318	0.3622
phone-acc10%		0.5106	0.1398	0.4606	0.4278	0.3638
phone-gyr		0.3310	0.1912	0.3434	0.2192	0.4078
phone-gyr0.1%		0.3396	0.1887	0.3496	0.2286	0.4046
phone-gyr1%		0.3271	0.1923	0.3342	0.2149	0.4030
phone-gyr10%		0.3300	0.1914	0.3437	0.2181	0.4073
phoneme		0.7611	0.2389	0.6901	0.3760	0.7750
phy		0.7056	0.2944	0.7056	0.4111	0.8137
pima		0.7105	0.2895	0.6923	0.3323	0.7052

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
placement			0.7890	0.2110	0.7852	0.5699	0.6885
plant-growth			0.8947	0.1053	0.8944	0.7889	0.4478
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1001	0.0666	0.0000	0.1726
poker1%			0.4917	0.1017	0.0917	-0.0093	0.2227
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.5978	0.0332	0.2464
polish-5th			0.9289	0.0711	0.5650	0.0363	0.3725
polya			0.7838	0.2162	0.7578	0.5099	0.7009
popularity			0.6585	0.2277	0.4051	0.1779	0.4569
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.7750	0.0900	0.7756	0.7188	0.3224
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6195	0.2353	0.9023
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.4848	0.0468	0.2277	0.4228	0.1966
processed			0.9367	0.0633	0.9287	0.8568	0.3461
profb			0.8358	0.1642	0.8119	0.6234	0.6196
promoters			0.7000	0.3000	0.6784	0.3478	0.8165
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.7941	0.0824	0.6997	0.7160	0.2414
puc-rio10%			0.8057	0.0777	0.7028	0.7325	0.2410
pufs-128			0.5006	0.4994	0.5006	0.0012	0.9996
pufs-1281%			0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%			0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-64			0.5020	0.4980	0.5020	0.0040	0.9980
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%			0.5019	0.4981	0.5019	0.0038	0.9989
pulsar			0.9697	0.0303	0.9038	0.7903	0.1344
raisin			0.9000	0.1000	0.9001	0.8000	0.4311
rcv11%			0.7556	0.0119	0.4803	0.7262	0.2348
re0-wc			0.6467	0.0544	0.6485	0.5474	0.4517
re1-wc			0.5904	0.0328	0.5721	0.5348	0.3698
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.0073	0.0306	0.0002	0.0000	0.2386
rice			0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6081	0.3919	0.5772	0.1481	0.9203
RT_IOT2022			0.9733	0.0045	0.8380	0.9329	0.0311
satimage			0.7589	0.0804	0.6613	0.6950	0.2115
satimageF			0.9751	0.0249	0.9331	0.8613	0.1708
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.5714	0.1224	0.3556	0.4615	0.1395
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9231	0.0769	0.5662	0.1103	0.6287
secondary_mushroom			0.8557	0.1443	0.8543	0.7085	0.5500
segment			0.8788	0.0346	0.8910	0.8581	0.1214
segmentation			0.8020	0.1980	0.7798	0.5574	0.6750
segmentO			0.9740	0.0260	0.9473	0.8940	0.2198
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sens-10-gram			0.8688	0.1312	0.6189	0.0601	0.3732
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-4-gram			0.8605	0.1395	0.5709	0.0879	0.6168
sens-5-gram			0.8684	0.1316	0.6127	0.1503	0.5774
sens-6-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-7-gram			0.8658	0.1342	0.5807	0.0754	0.5299
sens-8-gram			0.8526	0.1474	0.5511	0.0716	0.6775
sens-9-gram			0.8684	0.1316	0.6013	0.1055	0.5237
sensorless			0.4754	0.0954	0.5190	0.4229	0.3366
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8759	0.1241	0.7164	0.3371	0.4528
shuttle			0.8743	0.0359	0.4487	0.5477	0.0817
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9261	0.0739	0.8922	0.7831	0.4473
skin10%			0.9224	0.0776	0.8852	0.7697	0.4578
smarket			0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming			0.2000	0.4000	0.2009	-0.0650	0.8769
smk_can_187			0.8421	0.1579	0.8427	0.6816	0.5635
smoking			0.7441	0.2559	0.7356	0.4675	0.7578
soil_pollution			0.2000	0.3200	0.2028	-0.0017	0.8639
solar-flare			0.7482	0.0839	0.6764	0.6750	0.1919
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9175	0.0825	0.6922	0.1863	0.2598
spambase			0.8957	0.1043	0.8905	0.7776	0.4290
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.7143	0.2857	0.6090	0.2045	0.8349
spectrometer			0.2830	0.0299	0.0721	0.2295	0.2090
splice-EI			0.9338	0.0662	0.9203	0.8347	0.3849
splice-IE			0.9117	0.0883	0.8741	0.7461	0.4442
sport-articles			0.8200	0.1800	0.8037	0.5911	0.5877
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7434	0.1710	0.6862	0.5808	0.4831
steel-b			0.8256	0.1744	0.6977	0.3605	0.6518
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9744	0.0256	0.9601	0.9191	0.1618
steel-o			0.7487	0.2513	0.7094	0.3765	0.6874
steel-p			0.9231	0.0769	0.6843	0.1090	0.1864
steel-s			0.9641	0.0359	0.7153	0.2151	0.1059
steel-z			0.9385	0.0615	0.8038	0.5928	0.4537
stellar			0.8425	0.1050	0.8195	0.7026	0.3327
stock			0.8889	0.1111	0.7920	0.5583	0.4961
stockb			0.8943	0.0705	0.8995	0.8415	0.1721
streaming			0.7980	0.2020	0.7956	0.5911	0.6705
stress			0.9683	0.0127	0.9713	0.9603	0.0374
student-lifestyle			0.6350	0.1460	0.3355	0.3793	0.3177
student-depression			0.8344	0.1656	0.8281	0.6541	0.5933
student-habits			0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend			0.3231	0.2708	0.1908	0.0552	0.6923
student-workday			0.7031	0.1187	0.2271	0.0802	0.3206
studentap			0.5385	0.3077	0.5220	0.2778	0.5861
susy			0.7607	0.2393	0.7698	0.5036	0.6303
susy1%			0.7576	0.2424	0.7661	0.4973	0.6401
susy10%			0.7622	0.2378	0.7707	0.5070	0.6326

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8906	0.1094	0.8550	0.7061	0.4866
texture			0.9855	0.0026	0.9860	0.9840	0.0219
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8945	0.1055	0.8553	0.7096	0.5029
tis10%			0.7463	0.2537	0.6652	0.3302	0.7991
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.8049	0.0434	0.7222	0.7576	0.1816
trec12-wc			0.8710	0.0323	0.9002	0.8420	0.0941
trec21-wc			0.9394	0.0202	0.6423	0.8738	0.1141
trec23-wc			0.8095	0.0635	0.8292	0.7462	0.2264
trec31-wc			0.9140	0.0246	0.7821	0.8853	0.1210
trec41-wc			0.8750	0.0250	0.7880	0.8454	0.1296
trec45-wc			0.7681	0.0464	0.7331	0.7251	0.1912
tuandromd			0.9776	0.0224	0.9659	0.9315	0.2128
turkish			0.7750	0.1125	0.7765	0.7000	0.2538
tvnews			0.8906	0.1094	0.8810	0.7609	0.4651
tvnews1%			0.9385	0.0615	0.9336	0.8667	0.3108
tvnews10%			0.8882	0.1118	0.8785	0.7548	0.4641
urban			0.7612	0.0531	0.7719	0.7186	0.1876
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7381	0.1310	0.7152	0.6507	0.2270
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.4343	0.1028	0.3582	0.3778	0.2545
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.8077	0.0192	0.6238	0.7847	0.1172
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.4986	0.1433	0.4911	0.4100	0.4239
watch-acc1%			0.4824	0.1479	0.4727	0.3909	0.4644
watch-acc10%			0.4981	0.1434	0.4889	0.4094	0.4305
watch-gyr			0.3602	0.1828	0.3612	0.2482	0.3613
watch-gyr1%			0.3347	0.1901	0.3094	0.2184	0.4370
watch-gyr10%			0.3618	0.1823	0.3551	0.2502	0.3732
water_pollution			0.2100	0.3950	0.2112	-0.0533	0.8875
waveform			0.8460	0.1027	0.8462	0.7690	0.3571
weather-related			0.9385	0.0112	0.9437	0.9301	0.0767
web-phishing			0.7704	0.1531	0.5295	0.5654	0.3692
weight-lift			0.8204	0.0718	0.8144	0.7713	0.2655

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
white-clover			0.3333	0.3333	0.1250	0.0000	0.1934
wifi-loc			0.9150	0.0425	0.9158	0.8867	0.1411
wilt			0.9482	0.0518	0.4867	-0.0040	0.3208
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5912	0.1363	0.2181	0.3086	0.3498
winequality-white			0.5215	0.1367	0.2096	0.2033	0.4051
winnipeg			0.9820	0.0051	0.9711	0.9773	0.0436
winnipeg10%			0.9819	0.0052	0.9740	0.9771	0.0340
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7257	0.7322	0.0668
yeast			0.4797	0.1041	0.2817	0.3287	0.4564
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.8763	0.0247	0.8680	0.8612	0.1682

Table 206: Detailed results for RRF(R1)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0911	0.0627	0.0743	0.0170	0.6255
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer		0.9859	0.0141	0.7466	0.4247	0.2982
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.6083	0.1917	0.7406
AID_602330		0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red		0.7778	0.2222	0.4375	-0.1163	0.8180
AID1608Morered		0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.6429	0.2857	0.8453
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.5950	0.1818	0.8134
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8873	0.1127	0.8394	0.6688	0.4840
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.9048	0.0381	0.7646	0.7855	0.1152
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9581	0.0419	0.9540	0.9076	0.2319
anneal		0.9775	0.0090	0.9732	0.9524	0.0790
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9764	0.0118	0.9382	0.9546	0.0503
anuran-genus		0.9652	0.0087	0.9187	0.9424	0.1194
anuran-species		0.9681	0.0064	0.9266	0.9556	0.0813
anxiety		0.1000	0.2000	0.0928	-0.0133	0.7987
apple-quality		0.8775	0.1225	0.8777	0.7550	0.4915
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arcene		0.9000	0.1000	0.9010	0.7826	0.2846
arrhythmia		0.8000	0.0308	0.4714	0.6851	0.2114
auction		0.9902	0.0098	0.9777	0.9544	0.0418

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.9545	0.0083	0.9658	0.9472	0.0278
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.9971	0.0005	0.9899	0.9963	0.0299
babies		0.3710	0.1797	0.1679	0.0480	0.5902
balance		0.8065	0.1290	0.5943	0.6684	0.3713
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.8800	0.1200	0.8742	0.7458	0.4787
barleyblumeria		0.8848	0.1152	0.8749	0.7390	0.4271
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.9048	0.0952	0.8990	0.7981	0.4308
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0010	0.0689	0.0508	0.0010	0.0837
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.7418	0.1291	0.7438	0.6557	0.3995
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.6500	0.3000	0.8322
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9770	0.0115	0.9673	0.9511	0.0705
car-insurance		0.8490	0.1510	0.8243	0.6486	0.5980
card		0.8261	0.1739	0.8315	0.6530	0.5855
cardiotocography		0.8639	0.0272	0.8545	0.8363	0.1609
cardiotocography-nsp		0.9531	0.0313	0.9003	0.8689	0.1916
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.9250	0.0500	0.9002	0.8632	0.1613
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.8323	0.1677	0.8333	0.6646	0.5946
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.7926	0.2074	0.7909	0.5806	0.6758
cas_N6512_RDkit_MACCS_FP		0.7960	0.2040	0.7976	0.5926	0.6645
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B		0.9767	0.0233	0.9104	0.8208	0.3445
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9995	0.0005	0.8888	0.7775	0.3538
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9458	0.0542	0.7774	0.5017	0.3588
churn		0.8550	0.1450	0.7543	0.4935	0.6137
churn-bigml		0.9738	0.0262	0.9462	0.8865	0.0914
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.8095	0.1270	0.7809	0.6120	0.2909
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8222	0.0889	0.6798	0.7259	0.4193
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.7500	0.1667	0.7856	0.5814	0.3402
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5510	0.2993	0.5216	0.2967	0.6869
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.9102	0.0163	0.7662	0.8904	0.1244
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9236	0.8433	0.3725
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7931	0.2069	0.7175	0.4351	0.7404
column-2c		0.8387	0.1613	0.8210	0.6404	0.6136
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7644	0.2356	0.7664	0.5293	0.7165
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9940	0.0060	0.9873	0.9745	0.0636
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.9410	0.0197	0.8560	0.8761	0.1141
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.6562	0.0172	0.4723	0.6455	0.0561
customer-churn		0.9804	0.0196	0.7188	0.4272	0.5028
cybersecurity		0.1733	0.2756	0.1731	0.0079	0.8808
cyclopentane		0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands		0.7963	0.2037	0.7908	0.5811	0.6753
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8042	0.1958	0.4457	-0.0504	0.7198
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.8750	0.0833	0.8333	0.7714	0.0991
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.8750	0.0833	0.8786	0.8072	0.1999
DIA		0.8667	0.1333	0.8179	0.5676	0.2951
diabetes		0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5784	0.2810	0.3755	0.1735	0.5090
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford		0.6000	0.4000	0.5833	0.1667	0.9308
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7698	0.1535	0.6872	0.6115	0.4415
drug-01		0.3298	0.1915	0.1226	-0.0304	0.5822
drug-02		0.4840	0.1474	0.2296	0.1182	0.6817
drug-03		0.6596	0.0973	0.1652	0.0555	0.3824
drug-04		0.5160	0.1383	0.2354	0.1456	0.6051
drug-05		0.7074	0.0836	0.1184	-0.0370	0.3513
drug-06		0.3989	0.1717	0.2878	0.2442	0.5327
drug-07		0.4362	0.1611	0.1636	0.0717	0.4344
drug-08		0.5532	0.1277	0.2280	0.1834	0.4667
drug-09		0.8670	0.0380	0.1953	0.0615	0.2104
drug-10		0.5372	0.1322	0.1747	0.1469	0.5144

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-11		0.8457	0.0441	0.1760	0.0469	0.2963
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6011	0.1140	0.1897	0.2281	0.4425
drug-14		0.6011	0.1140	0.2926	0.3015	0.5521
drug-15		0.7553	0.0699	0.1854	0.1140	0.3389
drug-16		0.5745	0.1216	0.2383	0.2890	0.4744
drug-17		0.3617	0.1824	0.1698	0.1272	0.6578
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7553	0.0699	0.1601	0.0659	0.3725
drybean		0.9243	0.0216	0.9393	0.9085	0.1227
ecoli		0.8235	0.0441	0.5245	0.7536	0.1141
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2300	0.3850	0.2251	-0.0274	0.8673
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.9146	0.0854	0.9137	0.8265	0.3818
eeg10%		0.4822	0.0647	0.4609	0.4234	0.5009
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.7123	0.1151	0.6998	0.6278	0.2994
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5625	0.4375	0.5624	0.1247	0.9592
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.8039	0.1961	0.8014	0.6009	0.6531
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8125	0.0625	0.8486	0.7659	0.1160
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9038	0.0481	0.8906	0.8669	0.1249
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.6250	0.2500	0.6041	0.4074	0.4629
gender		0.5937	0.2709	0.4544	0.1455	0.5503
gene		0.9495	0.0336	0.9426	0.9191	0.1501
german		0.6900	0.3100	0.6284	0.2211	0.7953
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9452	0.0548	0.9453	0.8905	0.2835
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8571	0.0476	0.7990	0.8062	0.1657
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWNFP		0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8571	0.1429	0.8531	0.7061	0.5505
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.5333	0.2333	0.5670	0.3713	0.4850
gsalc		0.8889	0.0370	0.8046	0.8615	0.0466
haberman		0.7667	0.2333	0.6698	0.3226	0.7594

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.9217	0.0224	0.5607	0.8838	0.1267
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.8705	0.0216	0.5817	0.8232	0.2217
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.5294	0.4706	0.5352	0.0685	0.9552
health-activity		0.7600	0.1200	0.2159	-0.0157	0.2902
heart		0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack		0.7742	0.2258	0.7741	0.5470	0.7087
heart-c		0.8333	0.1667	0.8341	0.6667	0.5937
heart-failure		0.9800	0.0200	0.9767	0.9534	0.1402
heart-quantum		0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.7164	0.2836	0.7149	0.4296	0.7999
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.4286	0.1429	0.3320	0.3171	0.2596
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa		0.8836	0.1164	0.7737	0.5353	0.5712
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6944	0.2037	0.6749	0.4438	0.4968
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8561	0.1439	0.4612	-0.0135	0.4899
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9987	0.0009	0.9988	0.9981	0.0065
htru2		0.9782	0.0218	0.9326	0.8643	0.2453
hypothyroid		0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.7119	0.2881	0.6427	0.2851	0.8386
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9727	0.0137	0.9731	0.9636	0.0583
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		0.9333	0.0444	0.9303	0.8980	0.0943
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8237	0.1763	0.6651	0.2932	0.6757
jvowels		0.9568	0.0096	0.9547	0.9511	0.0748
kc1		0.8626	0.1374	0.6845	0.3196	0.5977
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.7692	0.0923	0.3294	0.4868	0.1065
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6751	0.3350	0.7254
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.8881	0.0124	0.8868	0.8750	0.1528
krvskp		0.9875	0.0125	0.9876	0.9749	0.0814
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.3824	0.0309	0.1957	0.3619	0.0753
led24		0.7000	0.0600	0.6724	0.6620	0.1252
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9410	0.0045	0.9410	0.9386	0.0716
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8333	0.0222	0.8332	0.8212	0.0626
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.6765	0.3235	0.6218	0.2429	0.8721
loan		0.9883	0.0117	0.9875	0.9750	0.0789
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.6814	0.0579	0.4242	0.5936	0.4979
lrs		0.8302	0.0340	0.4363	0.7650	0.1315
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.9255	0.0745	0.9231	0.8460	0.3552
madelon		0.9077	0.0923	0.9081	0.8154	0.4047
magic04		0.8864	0.1136	0.8737	0.7455	0.4756
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8021	0.1979	0.8042	0.6052	0.6507
marketing		0.9018	0.0982	0.7768	0.5110	0.4530
maternal		0.8218	0.1188	0.8258	0.7298	0.3865
math		0.8500	0.0750	0.7785	0.7695	0.2729
mba		0.8145	0.1237	0.4123	0.2258	0.3989
mental-disorders		0.8333	0.0833	0.8333	0.7778	0.1667
mental-health		0.2500	0.3000	0.2512	0.0620	0.8417
messidor		0.6870	0.3130	0.6849	0.3689	0.8355
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.8889	0.0556	0.8674	0.8435	0.1168
mfeat-fac		0.9550	0.0090	0.9561	0.9500	0.0560
mfeat-fou		0.8300	0.0340	0.8315	0.8111	0.1430
mfeat-kar		0.9200	0.0160	0.9220	0.9111	0.0947
mfeat-mor		0.7000	0.0600	0.7044	0.6667	0.1998
mfeat-pix		0.9600	0.0080	0.9613	0.9556	0.0447
mfeat-zer		0.7450	0.0510	0.7499	0.7167	0.1701
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5257	0.4457	0.4558
mobile		0.8916	0.0039	0.8987	0.8896	0.0497
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9652	0.0348	0.9314	0.8531	0.1137
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7722	0.2278	0.7635	0.5253	0.7167
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.8672	0.1328	0.8642	0.7284	0.5248
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA1%		0.9211	0.0083	0.5800	0.7799	0.3172
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4583	0.3611	0.3779	0.0624	0.8022
nursery		0.9992	0.0003	0.7995	0.9989	0.0024
obesity		0.9716	0.0081	0.9714	0.9668	0.0428
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9937	0.0063	0.9912	0.9823	0.0783
Occupancy_Estimation		0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc		0.9010	0.0198	0.8948	0.8865	0.0920
oh10-wc		0.7810	0.0438	0.7753	0.7505	0.1887
oh15-wc		0.8804	0.0239	0.8826	0.8637	0.1086
oh5-wc		0.8132	0.0374	0.8251	0.7885	0.1704
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9298	0.0156	0.9224	0.9130	0.0771
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9484	0.0103	0.9502	0.9426	0.0737
optdigitsZ		0.9947	0.0053	0.9834	0.9662	0.0246
orl		0.9500	0.0025	0.9416	0.9487	0.0099
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr		0.9328	0.0672	0.6875	0.2946	0.4475
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8968	0.1032	0.8996	0.7943	0.4192
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9781	0.0088	0.9147	0.8797	0.1980
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons			0.9289	0.0711	0.9243	0.8464	0.3260
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.9215	0.0785	0.9021	0.8041	0.4045
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9189	0.0811	0.5907	0.1483	0.6102
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9342	0.0658	0.9118	0.8077	0.1921
pediatric-leukemia			0.7647	0.0672	0.7049	0.7119	0.1928
pendigits			0.9836	0.0033	0.9836	0.9818	0.0298
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.7930	0.2070	0.7768	0.5527	0.6900
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9400	0.0600	0.9319	0.8600	0.2695
phishing			0.9673	0.0327	0.9657	0.9315	0.1998
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.8989	0.0289	0.8923	0.8819	0.1131
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.9282	0.0205	0.9219	0.9161	0.0914
phone-gyr1%			0.9654	0.0099	0.9618	0.9596	0.0476
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9204	0.0796	0.9018	0.8035	0.4117
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7368	0.2632	0.7180	0.4294	0.7687
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.7630	0.2370	0.7544	0.5069	0.7314
plant-growth			0.6316	0.3684	0.6333	0.2652	0.8937
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.6527	0.0695	0.1601	0.3531	0.3312
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9687	0.0313	0.7318	0.3425	0.2419
polish-2nd			0.9656	0.0344	0.7112	0.3712	0.4312
polish-3rd			0.9486	0.0514	0.5725	0.0855	0.4869
polish-4th			0.9582	0.0418	0.7484	0.4615	0.4369
polish-5th			0.9645	0.0355	0.8452	0.6497	0.1986
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.5556	0.2963	0.2381	-0.2000	0.4881
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.7059	0.2941	0.7059	0.4118	0.8134
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.2121	0.0716	0.0977	0.1530	0.2418
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7015	0.2985	0.6467	0.2903	0.8435
promoters			0.8000	0.2000	0.8333	0.6154	0.4644
prostate			0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9813	0.0075	0.9622	0.9749	0.0535
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9856	0.0144	0.9560	0.9103	0.1321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
raisin			0.8889	0.1111	0.8893	0.7778	0.4596
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.8867	0.0174	0.8862	0.8509	0.1125
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.9857	0.0143	0.9856	0.9711	0.0997
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.7315	0.2685	0.7192	0.4376	0.7845
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9067	0.0311	0.8929	0.8847	0.1514
satimageF			0.9860	0.0140	0.9642	0.9283	0.1993
satimageT			0.9440	0.0560	0.8267	0.6254	0.3483
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.4706	0.5294	0.4706	-0.0588	1.0000
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8918	0.0309	0.8972	0.8735	0.1380
segmentation			0.8564	0.1436	0.8440	0.6880	0.5661
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-2-gram			0.8789	0.1211	0.6687	0.1547	0.3573
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9095	0.0905	0.6570	0.0031	0.2085
shoppers			0.8970	0.1030	0.7886	0.5727	0.5675
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9788	0.0212	0.9093	0.8149	0.2550
sirtuin6			0.8000	0.2000	0.8000	0.6000	0.6644
skin			0.9996	0.0004	0.9994	0.9988	0.0088
skin10%			0.9984	0.0016	0.9975	0.9950	0.0178
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.3400	0.3300	0.3498	0.1139	0.7669
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2167	0.3133	0.2171	0.0209	0.8670
solar-flare			0.7770	0.0743	0.6437	0.7147	0.2213
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.9559	0.0046	0.9569	0.9515	0.0237
spam-detection			0.9500	0.0500	0.8482	0.6963	0.4713
spambase			0.9435	0.0565	0.9407	0.8811	0.2904
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.7115	0.0214	0.5897	0.6947	0.0955
splice-EI			0.9748	0.0252	0.9674	0.9342	0.2081
splice-IE			0.9432	0.0568	0.9222	0.8442	0.3564
sport-articles			0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-unstored			0.6000	0.2667	0.4706	0.2857	0.2642
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9184	0.0544	0.8961	0.8672	0.2013
steel-b			0.8513	0.1487	0.7598	0.5130	0.6362
steel-d			0.9897	0.0103	0.9140	0.8280	0.3214
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8564	0.1436	0.8401	0.6795	0.5633
steel-p			0.9282	0.0718	0.7617	0.5234	0.5906
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9949	0.0051	0.9860	0.9715	0.1355
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9792	0.0208	0.9644	0.9285	0.1694
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.5450	0.1820	0.3150	0.2764	0.5880
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3300	0.2680	0.2395	-0.0596	0.4836
student-weekend			0.3846	0.2462	0.3013	0.1542	0.6773
student-workday			0.7188	0.1125	0.2765	0.1783	0.3221
studentap			0.4615	0.3590	0.4579	0.1727	0.6264
susy1%			0.8004	0.1996	0.7992	0.5938	0.6511
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn			0.8807	0.1193	0.8438	0.6867	0.5335
texture			0.9727	0.0050	0.9742	0.9699	0.0385
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8723	0.1277	0.6958	0.3411	0.5745
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8881	0.1119	0.8417	0.6604	0.4201
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8235	0.0882	0.8375	0.7650	0.1709
toxicity			0.7059	0.2941	0.6540	0.2735	0.7752
toxicity-13f			0.8235	0.1765	0.8152	0.5641	0.3671
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6800	0.3200	0.4505	-0.0830	0.9027
trec11-wc			0.9024	0.0217	0.8039	0.8808	0.0709
trec12-wc			0.8387	0.0403	0.8804	0.8077	0.1352
trec21-wc			0.9091	0.0364	0.8982	0.8311	0.2470
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.9355	0.0215	0.9411	0.9145	0.1137
trec41-wc			0.9432	0.0114	0.8425	0.9306	0.0747
trec45-wc			0.9275	0.0145	0.8461	0.9155	0.0696
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057
turkish			0.8000	0.1000	0.7991	0.7333	0.2878
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9077	0.0923	0.9003	0.8001	0.4178
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9769	0.0231	0.7816	0.5298	0.3591
ur3_cobotops_stop			0.9755	0.0245	0.7996	0.5790	0.3800
urban			0.8209	0.0398	0.8269	0.7890	0.1469
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7857	0.1071	0.7504	0.7112	0.1765
vehicleVAN			0.9643	0.0357	0.9565	0.9091	0.2605
voice			0.7500	0.2500	0.7391	0.4706	0.7427
vote			0.8372	0.1628	0.8410	0.6753	0.5648
vowel			0.6768	0.0588	0.6836	0.6444	0.2171
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.9885	0.0033	0.9882	0.9865	0.0258
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.2418	-0.0091	0.8708
waveform			0.8500	0.1000	0.8501	0.7750	0.3544
weather-related			0.9750	0.0045	0.9752	0.9717	0.0396
web-phishing			0.8741	0.0840	0.8258	0.7757	0.3694
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9850	0.0075	0.9850	0.9800	0.0346
wilt			0.9917	0.0083	0.9562	0.9123	0.2103
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6918	0.1027	0.3409	0.4997	0.3346
winequality-white			0.7035	0.0847	0.4441	0.5437	0.3518
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.6875	0.0417	0.6732	0.6667	0.0602
yeast			0.5608	0.0878	0.3839	0.4297	0.3593
yeastCYT-POX			0.9388	0.0612	0.4842	-0.0280	0.6456
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 207: Detailed results for RRF(R2)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1151	0.0610	0.0953	0.0370	0.5686
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9847	0.0153	0.7182	0.3735	0.3579
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.9993	0.0002	0.9993	0.9992	0.0020
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8000	0.2000	0.5761	0.1288	0.7579
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608Morered		0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red		0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7500	0.2500	0.6707	0.3056	0.7334
AID644red		0.7000	0.3000	0.6098	0.2105	0.8520
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8826	0.1174	0.8328	0.6574	0.5084
air_pollution		0.4067	0.1695	0.0828	0.0017	0.3421
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8952	0.0419	0.6470	0.7580	0.1191
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9581	0.0419	0.9540	0.9076	0.2319
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9764	0.0118	0.9382	0.9546	0.0503
anuran-genus		0.9652	0.0087	0.9187	0.9424	0.1194
anuran-species		0.9681	0.0064	0.9266	0.9556	0.0813
anxiety		0.0833	0.2037	0.0780	-0.0325	0.8109
apple-quality		0.8800	0.1200	0.8803	0.7600	0.4843
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arcene		0.7500	0.2500	0.7354	0.4681	0.7547
arrhythmia		0.8000	0.0308	0.4714	0.6851	0.2114
auction		0.9951	0.0049	0.9889	0.9776	0.0238

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.8636	0.0248	0.7640	0.8398	0.0641
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.9938	0.0010	0.9913	0.9919	0.0182
babies		0.3871	0.1751	0.1824	0.0767	0.5679
balance		0.8065	0.1290	0.5946	0.6682	0.3752
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8802	0.1198	0.8690	0.7301	0.4574
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.9048	0.0952	0.8990	0.7981	0.4308
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9856	0.0041	0.3362	0.1228	0.2299
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.7463	0.1269	0.7484	0.6617	0.3900
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.4855	0.5145	0.4855	-0.0289	1.0000
breast-cancer		0.7143	0.2857	0.6500	0.3000	0.8322
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4600	0.3600	0.3120	-0.0104	0.5996
car		0.9770	0.0115	0.9673	0.9511	0.0705
car-insurance		0.8540	0.1460	0.8300	0.6599	0.5863
card		0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography		0.8545	0.0291	0.8464	0.8251	0.1737
cardiotocography-nsp		0.9531	0.0313	0.9003	0.8689	0.1916
cardiovascular		0.7117	0.2883	0.7117	0.4234	0.8056
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8750	0.0833	0.8298	0.7765	0.2685
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.8292	0.1708	0.8298	0.6581	0.6032
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.7911	0.2089	0.7894	0.5773	0.6783
cas_N6512_RDkit_MACCS_FP		0.7991	0.2009	0.8002	0.5983	0.6608
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.7956	0.5913	0.6594
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9669	0.0331	0.7665	0.5043	0.4163
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6452	0.1861	0.4017
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9767	0.0233	0.9104	0.8208	0.3445
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9419	0.0581	0.6302	0.2561	0.6215
cervical-S		0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia		0.9444	0.0278	0.9407	0.9172	0.1358
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%		0.9995	0.0005	0.8784	0.7565	0.3917
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9337	0.0663	0.7225	0.2510	0.1683
churn		0.8500	0.1500	0.7457	0.4771	0.6304
churn-bigml		0.9813	0.0187	0.9618	0.9207	0.0708
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7857	0.1429	0.5388	0.5521	0.3151
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8204	0.0898	0.6744	0.7228	0.4209
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5578	0.2948	0.5258	0.3082	0.6792
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.9140	0.0156	0.7697	0.8951	0.1192
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9481	0.0519	0.9345	0.8690	0.3129
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.8276	0.1724	0.8055	0.6092	0.6265
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.8276	0.1724	0.7767	0.5511	0.6703
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.8065	0.1290	0.7333	0.6810	0.2682
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7644	0.2356	0.7661	0.5293	0.7182
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9940	0.0060	0.9873	0.9745	0.0636
covtypeT		0.9875	0.0125	0.9513	0.9024	0.2047
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9382	0.0206	0.8512	0.8703	0.1172
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.6875	0.0156	0.5049	0.6777	0.0508
customer-churn		0.9802	0.0198	0.7146	0.4180	0.5044
cybersecurity		0.1467	0.2844	0.1441	-0.0248	0.8779
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.8333	0.1667	0.8308	0.6611	0.6017
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8213	0.1787	0.7091	0.3971	0.6755
defect		0.9568	0.0432	0.9166	0.8290	0.2688
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.5942	0.0997	0.5748
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.6364	0.3684	0.5443
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.8125	0.1250	0.8268	0.7108	0.3168
DIA		0.8500	0.1500	0.7854	0.5263	0.4936
diabetes		0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.9109	0.0891	0.8608	0.7206	0.4771
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5980	0.2680	0.3939	0.2005	0.4919
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7963	0.0815	0.7896	0.7118	0.3089
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.7059	0.2857	0.5283
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.6250	0.3750	0.6010	0.1429	0.7713
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5388	0.4612	0.5352	0.0701	0.9761
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7630	0.1580	0.6793	0.6020	0.4595
drug-01		0.3511	0.1854	0.2140	0.0109	0.5738
drug-02		0.4734	0.1505	0.2140	0.0935	0.6401
drug-03		0.6702	0.0942	0.1813	0.1004	0.3757
drug-04		0.5053	0.1413	0.2181	0.1377	0.6203
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.3049	0.2654	0.5260
drug-07		0.4149	0.1672	0.1411	0.0311	0.4459
drug-08		0.5638	0.1246	0.2394	0.1825	0.4344
drug-09		0.8670	0.0380	0.1724	0.0604	0.1777
drug-10		0.5372	0.1322	0.1866	0.1609	0.5914
drug-11		0.8511	0.0426	0.1766	0.0549	0.2135

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-12		0.7926	0.0593	0.2180	0.0369	0.2174
drug-13		0.6011	0.1140	0.1967	0.2338	0.4435
drug-14		0.6011	0.1140	0.2881	0.3078	0.5476
drug-15		0.7606	0.0684	0.1891	0.1099	0.3129
drug-16		0.5851	0.1185	0.2586	0.3174	0.4695
drug-17		0.3723	0.1793	0.1652	0.1418	0.6425
drug-18		0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19		0.7500	0.0714	0.1423	0.0310	0.3631
drybean		0.9243	0.0216	0.9393	0.9085	0.1220
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.2343	-0.0137	0.8473
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.9152	0.0848	0.9144	0.8278	0.3792
eeg10%		0.4755	0.0656	0.4468	0.4156	0.4979
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6986	0.1205	0.6801	0.6110	0.3328
euthyroid		0.9114	0.0886	0.6870	0.3245	0.5394
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.4850	0.5150	0.4850	-0.0300	1.0000
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.7451	0.2549	0.7458	0.4709	0.7061
financial-risk		0.9380	0.0207	0.8967	0.9025	0.1239
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9231	0.0385	0.9069	0.8937	0.0884
gas		0.9942	0.0019	0.9939	0.9930	0.0137
gastrointestinal		0.8125	0.1250	0.8305	0.6981	0.2631
gender		0.6021	0.2653	0.4896	0.1624	0.5410
gene		0.9527	0.0315	0.9472	0.9242	0.1468
german		0.7100	0.2900	0.6574	0.2822	0.7745
gestures		0.9170	0.0415	0.9172	0.8893	0.1826
gina		0.9481	0.0519	0.9481	0.8962	0.2734
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8095	0.0635	0.7716	0.7399	0.1240
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWNFP		0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8571	0.1429	0.8531	0.7061	0.5505
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.5333	0.2333	0.5707	0.3713	0.4924
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7667	0.2333	0.6902	0.3787	0.7748
hapt		0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har		0.9888	0.0045	0.9881	0.9858	0.0311
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.9248	0.0215	0.5799	0.8883	0.1159
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.8692	0.0218	0.5797	0.8214	0.2177
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.5294	0.4706	0.5352	0.0685	0.9552
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack		0.8065	0.1935	0.8096	0.6141	0.6376
heart-c		0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure		0.9880	0.0120	0.9860	0.9720	0.0899
heart-quantum		0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%		0.7000	0.3000	0.6985	0.3969	0.8218
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.4286	0.1429	0.3643	0.3212	0.2599
hinselmann		0.8000	0.2000	0.6875	0.3750	0.7500
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8853	0.1147	0.7777	0.5440	0.5673
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6944	0.2037	0.6749	0.4438	0.4968
hotel-reservartions		0.9093	0.0907	0.8961	0.7916	0.4223
hr		0.8526	0.1474	0.4602	-0.0199	0.5496
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9987	0.0009	0.9988	0.9981	0.0066
htru2		0.9782	0.0218	0.9326	0.8643	0.2453
hypothyroid		0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9727	0.0137	0.9731	0.9636	0.0583
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8255	0.1745	0.6706	0.3068	0.6749
jvowels		0.9568	0.0096	0.9546	0.9511	0.0750
kc1		0.8720	0.1280	0.7137	0.3863	0.5769
kc1-class-level-defectiveornot		0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9982	0.0003	0.8231	0.9969	0.0022
kepler		0.8891	0.0739	0.8515	0.8170	0.2212
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krkopt		0.8898	0.0122	0.8874	0.8770	0.1507
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.6667	0.3333	0.7500	0.4000	0.5283
leaf		0.4706	0.0265	0.2541	0.4501	0.0673
led24		0.6500	0.0700	0.6364	0.6078	0.1652
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9435	0.0043	0.9434	0.9412	0.0683
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8611	0.0185	0.8830	0.8509	0.0619
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7353	0.2647	0.6908	0.3806	0.7996
loan		0.9883	0.0117	0.9875	0.9750	0.0789
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.6839	0.0575	0.4300	0.5967	0.4794
lrs		0.8302	0.0340	0.4384	0.7636	0.1263
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.9149	0.0851	0.9121	0.8234	0.3843
madelon		0.8500	0.1500	0.8500	0.7000	0.5605
magic04		0.8785	0.1215	0.8649	0.7281	0.4996
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8138	0.6255	0.6342
marketing		0.9062	0.0938	0.7888	0.5404	0.4428
maternal		0.8317	0.1122	0.8360	0.7443	0.3645
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.8097	0.1269	0.4038	0.2019	0.4031
mental-disorders		0.8333	0.0833	0.8333	0.7778	0.1667
mental-health		0.2167	0.3133	0.2173	0.0205	0.8580
messidor		0.7043	0.2957	0.7007	0.4012	0.8166
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9583	0.9234	0.0743
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.9550	0.0090	0.9556	0.9500	0.0541
mfeat-fou		0.8300	0.0340	0.8313	0.8111	0.1534
mfeat-kar		0.9250	0.0150	0.9264	0.9167	0.0919
mfeat-mor		0.6950	0.0610	0.6997	0.6611	0.2026
mfeat-pix		0.9550	0.0090	0.9563	0.9500	0.0509
mfeat-zer		0.7600	0.0480	0.7657	0.7333	0.1627
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5588	0.1765	0.5281	0.4463	0.4448
mobile		0.8916	0.0039	0.9017	0.8896	0.0486
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4828	0.0940	0.5212	0.3827	0.5557
musk		0.9636	0.0364	0.9283	0.8460	0.1173
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7686	0.2314	0.7596	0.5172	0.7221
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.8621	0.1379	0.8592	0.7180	0.5383
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.8609	0.1391	0.8578	0.7157	0.5402
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA1%		0.9211	0.0083	0.5789	0.7807	0.3066
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9163	0.0837	0.7210	0.4216	0.5662
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4861	0.3426	0.4124	0.1129	0.7808
nursery		0.9992	0.0003	0.7995	0.9989	0.0024
obesity		0.9763	0.0068	0.9760	0.9723	0.0353
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9937	0.0063	0.9912	0.9823	0.0783
Occupancy_Estimation		0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc		0.8812	0.0238	0.8808	0.8635	0.1087
oh10-wc		0.8000	0.0400	0.7995	0.7726	0.1706
oh15-wc		0.8696	0.0261	0.8657	0.8514	0.1187
oh5-wc		0.8022	0.0396	0.8205	0.7757	0.1826
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9502	0.0100	0.9520	0.9446	0.0718
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr		0.9289	0.0711	0.6520	0.1647	0.3724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8505	0.1495	0.8310	0.6608	0.5783
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9206	0.0794	0.9227	0.8416	0.3489
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9854	0.0059	0.8908	0.9169	0.0683
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.9242	0.0758	0.9191	0.8365	0.3496

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons-small			0.9474	0.0526	0.9399	0.8725	0.3145
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.9231	0.0769	0.9040	0.8079	0.3991
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.6644	0.2997	0.5774
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9342	0.0658	0.9118	0.8077	0.1921
pediatric-leukemia			0.7353	0.0756	0.6545	0.6738	0.2201
pendigits			0.9845	0.0031	0.9845	0.9828	0.0281
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.7959	0.2041	0.7807	0.5611	0.6857
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9400	0.0600	0.9319	0.8600	0.2695
phishing			0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.8982	0.0291	0.8917	0.8810	0.1125
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.9268	0.0209	0.9204	0.9144	0.0939
phone-gyr1%			0.9657	0.0098	0.9621	0.9599	0.0474
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9204	0.0796	0.9026	0.8051	0.4156
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7368	0.2632	0.7180	0.4294	0.7687
pirvision			0.9974	0.0017	0.9954	0.9917	0.0069
placement			0.7830	0.2170	0.7754	0.5494	0.6977
plant-growth			0.7895	0.2105	0.8155	0.5682	0.4308
plrx			0.6111	0.3889	0.3793	-0.1887	0.9536
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.6332	0.0734	0.1794	0.3122	0.2666
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9659	0.0341	0.6954	0.2409	0.2550
polish-2nd			0.9617	0.0383	0.6715	0.2994	0.4916
polish-3rd			0.9467	0.0533	0.4863	-0.0103	0.4762
polish-4th			0.9612	0.0388	0.7724	0.5179	0.4229
polish-5th			0.9628	0.0372	0.8368	0.6277	0.2036
polya			0.7773	0.2227	0.7507	0.4966	0.7150
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.4444	0.3704	0.2051	-0.3636	0.5085
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7207	0.4412	0.7929
prestige			0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor			0.4242	0.0886	0.3372	0.3556	0.3079
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7015	0.2985	0.6467	0.2903	0.8435
promoters			0.6000	0.4000	0.6250	0.2308	0.8533
prostate			1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9807	0.0077	0.9611	0.9741	0.0532
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9856	0.0144	0.9560	0.9103	0.1321
raisin			0.8889	0.1111	0.8893	0.7778	0.4596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.8867	0.0174	0.8966	0.8498	0.1134
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.9863	0.0137	0.9861	0.9722	0.0970
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.7126	0.2874	0.7032	0.4064	0.8099
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9082	0.0306	0.8959	0.8866	0.1435
satimageF			0.9876	0.0124	0.9684	0.9367	0.1925
satimageT			0.9456	0.0544	0.8323	0.6389	0.3438
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.4118	0.5882	0.4111	-0.1765	1.0000
sclerosis			0.9630	0.0370	0.9641	0.9256	0.1858
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9481	0.0148	0.9543	0.9392	0.0624
segmentation			0.8564	0.1436	0.8431	0.6861	0.5651
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9225	0.0775	0.5437	0.0628	0.6074
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-2-gram			0.8789	0.1211	0.6856	0.1312	0.2567
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9915	0.0016	0.9915	0.9906	0.0164
sepsis			0.9095	0.0905	0.6570	0.0031	0.2085
shoppers			0.8954	0.1046	0.7845	0.5640	0.5716
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9788	0.0212	0.9093	0.8149	0.2550
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9996	0.0004	0.9994	0.9989	0.0080
skin10%			0.9984	0.0016	0.9975	0.9950	0.0178
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.3000	0.3500	0.3021	0.0672	0.8113
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2100	0.3160	0.2110	0.0121	0.8702
solar-flare			0.7698	0.0767	0.6402	0.7061	0.2086
sonar			0.6000	0.4000	0.6094	0.2000	0.8750
soybean			0.9265	0.0077	0.9330	0.9195	0.0404
spam-detection			0.9510	0.0490	0.8519	0.7038	0.4677
spambase			0.9435	0.0565	0.9407	0.8811	0.2904
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.6923	0.0228	0.6227	0.6737	0.1024
splice-EI			0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE			0.9495	0.0505	0.9326	0.8640	0.3386
sport-articles			0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored			0.4000	0.4000	0.3030	0.0000	0.5733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9181	0.0546	0.8961	0.8667	0.2042
steel-b			0.8974	0.1026	0.8369	0.6673	0.4931
steel-d			0.9897	0.0103	0.9140	0.8280	0.3214
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8462	0.1538	0.8287	0.6566	0.5879
steel-p			0.9282	0.0718	0.7346	0.4622	0.5763
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9897	0.0103	0.9708	0.9417	0.1621
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8750	0.1250	0.7953	0.5899	0.6171
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle			0.5300	0.1880	0.3099	0.2493	0.5959
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3500	0.2600	0.1610	-0.0314	0.4831
student-weekend			0.4308	0.2277	0.3596	0.2166	0.6777
student-workday			0.7344	0.1062	0.2708	0.2381	0.2860
studentap			0.5385	0.3077	0.5166	0.2778	0.5827
susy1%			0.8004	0.1996	0.7990	0.5941	0.6526
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6082	0.4000	0.6002
telco-churn			0.8849	0.1151	0.8496	0.6984	0.5220
texture			0.9709	0.0053	0.9727	0.9679	0.0412
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8723	0.1277	0.7093	0.2210	0.2680
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8881	0.1119	0.8417	0.6604	0.4201
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8235	0.0882	0.8375	0.7650	0.1709
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6800	0.3200	0.4505	-0.0830	0.9027
trec11-wc			0.9512	0.0108	0.8571	0.9395	0.0304
trec12-wc			0.8387	0.0403	0.8959	0.8060	0.1302
trec21-wc			0.8485	0.0606	0.7838	0.7105	0.3144
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.9462	0.0179	0.9503	0.9286	0.0921
trec41-wc			0.9432	0.0114	0.8418	0.9307	0.0739
trec45-wc			0.9130	0.0174	0.8328	0.8985	0.0813
tuandromd			0.9910	0.0090	0.9861	0.9722	0.0959
turkish			0.8000	0.1000	0.8014	0.7333	0.2868
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9077	0.0923	0.9003	0.8001	0.4178
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9755	0.0245	0.7610	0.4602	0.3127
ur3_cobotops_stop			0.9769	0.0231	0.8099	0.5935	0.3335
urban			0.8358	0.0365	0.8371	0.8065	0.1371

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7738	0.1131	0.7373	0.6954	0.1998
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowel			0.7172	0.0514	0.7189	0.6889	0.1951
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.9850	0.0043	0.9847	0.9825	0.0320
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr1%			0.9897	0.0029	0.9895	0.9880	0.0232
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2800	0.3600	0.2811	0.0390	0.8418
waveform			0.8420	0.1053	0.8421	0.7630	0.3672
weather-related			0.9750	0.0045	0.9761	0.9717	0.0386
web-phishing			0.8815	0.0790	0.8310	0.7885	0.3589
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9850	0.0075	0.9850	0.9800	0.0346
wilt			0.9917	0.0083	0.9562	0.9123	0.2103
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.7233	0.0922	0.3513	0.5541	0.3371
winequality-white			0.6912	0.0882	0.4263	0.5252	0.3483
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7318	0.7322	0.0613
yeast			0.5676	0.0865	0.3865	0.4388	0.3570
yeastCYT-POX			0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 208: Detailed results for RRULES

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone	0.1703	0.0572	0.0956	0.0879	0.5490	
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292	
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182	
accelerometer	0.9775	0.0225	0.5651	0.1123	0.5535	
accident	0.5500	0.4500	0.5503	0.1000	0.9662	
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000	
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026	
AID_1878	0.7524	0.2476	0.5004	0.0007	0.8426	
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706	
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486	
AID1284red	0.8333	0.1667	0.5863	0.1628	0.7500	
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534	
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846	
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846	
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068	
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750	
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159	
aids	0.8451	0.1549	0.7793	0.5541	0.6294	
air_pollution	0.2900	0.2029	0.1835	0.0667	0.8673	
alcohol	0.7810	0.0876	0.5795	0.4561	0.2878	
all-aml	0.5000	0.5000	0.3333	-0.2857	1.0000	
alzheimers	0.6372	0.3628	0.5497	0.0801	0.8683	
anneal	1.0000	0.0000	1.0000	1.0000	0.0000	
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000	
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846	
anuran-family	0.9527	0.0236	0.9145	0.9086	0.1211	
anuran-genus	0.9388	0.0153	0.8504	0.8976	0.1317	
anuran-species	0.9403	0.0119	0.8830	0.9162	0.1301	
anxiety	0.1333	0.1926	0.1372	0.0234	0.7730	
apple-quality	0.7950	0.2050	0.7957	0.5900	0.6691	
arcene	0.7000	0.3000	0.7143	0.2857	0.4644	
arrhythmia	0.6444	0.0547	0.2842	0.3909	0.2892	
auction	0.9363	0.0637	0.8440	0.6763	0.4032	
audiology	0.6087	0.0326	0.3003	0.5586	0.1157	
audit-risk	0.9231	0.0769	0.9194	0.8376	0.3546	
autism-adolescent	0.9091	0.0909	0.9141	0.8136	0.3522	
autism-adult	0.9714	0.0286	0.9639	0.9278	0.2035	
autism-child	0.8966	0.1034	0.8971	0.7924	0.4312	
autos	0.8500	0.0500	0.7137	0.7980	0.1121	
avila	0.5601	0.0733	0.5133	0.3543	0.4608	
babies	0.3952	0.1728	0.1876	0.0786	0.6018	
balance	0.8065	0.1290	0.5620	0.6381	0.3065	
banknote	0.9781	0.0219	0.9779	0.9556	0.1390	
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000	
bio10%	0.9959	0.0041	0.8698	0.7253	0.2186	
biomed	0.9524	0.0476	0.9507	0.8966	0.1761	
bitcoin1%	0.9856	0.0010	0.0342	-0.0004	0.1018	
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156	
brain-tumor	0.5140	0.4860	0.5139	0.0278	0.9915	
breast-cancer	0.6429	0.3571	0.5276	0.0541	0.9174	
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677	
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000	
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122	
cad	0.9000	0.1000	0.8824	0.7368	0.2605	
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630	

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cancer	0.9855	0.0145	0.9841	0.9677	0.0715	
car	0.9253	0.0374	0.7263	0.8369	0.1674	
cardiovascular	0.6293	0.3707	0.6299	0.2585	0.8979	
cargo2k	0.9772	0.0152	0.9772	0.9657	0.0797	
cars	0.7750	0.1500	0.6951	0.5730	0.4877	
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000	
cervical-B	0.9186	0.0814	0.4788	-0.0203	0.5749	
chrom19	0.9991	0.0009	0.6703	0.0828	0.0488	
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063	
chrom1910%	0.9993	0.0007	0.8240	0.6467	0.4092	
chronic-kidney	0.9036	0.0964	0.4747	-0.0303	0.6422	
churn	0.7970	0.2030	0.6480	0.2850	0.7579	
churn-bigml	0.8502	0.1498	0.6172	0.1938	0.6686	
circles	1.0000	0.0000	1.0000	1.0000	0.0000	
cirrhosis	0.5952	0.2698	0.3951	0.1849	0.4990	
cjs	1.0000	0.0000	1.0000	1.0000	0.0000	
ckd	1.0000	0.0000	1.0000	1.0000	0.0000	
clave	0.8037	0.0981	0.6035	0.6833	0.3609	
climate	0.9074	0.0926	0.4757	-0.0305	0.6464	
cll_sub_111	0.4167	0.3889	0.3333	0.0667	0.5120	
cm1	0.8600	0.1400	0.4624	-0.0606	0.7431	
cmc	0.4762	0.3492	0.4526	0.1740	0.7625	
coil20	0.7153	0.0285	0.7333	0.7003	0.1801	
college	0.9091	0.0909	0.8873	0.7742	0.4595	
collins	0.6800	0.0427	0.5947	0.6411	0.1486	
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298	
colposcopies-1	0.5517	0.4483	0.4647	-0.0680	0.9793	
colposcopies-2	0.7241	0.2759	0.6987	0.3927	0.7955	
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601	
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677	
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846	
colposcopies-6	0.5517	0.4483	0.5490	0.0916	0.9427	
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372	
column-2c	0.7097	0.2903	0.6442	0.2791	0.8292	
column-3c	0.6774	0.2151	0.6409	0.4533	0.4736	
crabs	0.8500	0.0750	0.8681	0.8000	0.1442	
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089	
crowdsourced	0.8829	0.0390	0.7080	0.7442	0.2876	
cryotherapy	0.5556	0.4444	0.5500	0.1000	0.9644	
cultivars	0.1250	0.0437	0.0769	0.1040	0.1260	
customer-churn	0.9788	0.0212	0.6563	0.2747	0.4831	
cybersecurity	0.1733	0.2756	0.1763	0.0073	0.8803	
cylinder-bands	0.7222	0.2778	0.7129	0.4088	0.7593	
darwin	0.5000	0.5000	0.5000	0.0000	0.9808	
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858	
defect	0.8580	0.1420	0.6750	0.2683	0.5471	
dementia	1.0000	0.0000	1.0000	1.0000	0.0000	
depressed	0.7832	0.2168	0.4783	-0.0341	0.8101	
dermatology	0.8919	0.0360	0.8906	0.8645	0.1165	
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614	
dexter	0.6000	0.4000	0.6192	0.2000	0.8213	
df_final	0.3750	0.4167	0.1818	0.0000	0.4053	
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723	
diabetes-risk	0.9023	0.0977	0.8485	0.6966	0.5115	
diabetic1%	0.5784	0.2810	0.4612	0.2100	0.6646	
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000	
diamonds	0.8333	0.0833	0.7995	0.7668	0.2378	
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000	

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.3750	0.6250	0.2727	-0.4286	0.8893
dlbcl-nih	0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.0957	0.9043	0.0873	0.0000	0.2285
dota210%	0.5097	0.4903	0.5039	0.0078	0.9930
dropout	0.6637	0.2242	0.5760	0.4314	0.6163
drug-01	0.3191	0.1945	0.1453	0.0071	0.7843
drug-02	0.4574	0.1550	0.1894	0.1009	0.7764
drug-03	0.6383	0.1033	0.1384	0.0527	0.5814
drug-04	0.4309	0.1626	0.1879	0.0400	0.7693
drug-05	0.6702	0.0942	0.1339	0.0102	0.6490
drug-06	0.2181	0.2234	0.1516	0.0384	0.8505
drug-07	0.3723	0.1793	0.1418	0.0248	0.6227
drug-08	0.4415	0.1596	0.1489	0.0340	0.7904
drug-09	0.8351	0.0471	0.1793	0.0440	0.5820
drug-10	0.4574	0.1550	0.1733	0.0668	0.7749
drug-11	0.8298	0.0486	0.1299	0.0013	0.4343
drug-12	0.7181	0.0805	0.1205	-0.0298	0.5278
drug-13	0.5851	0.1185	0.2138	0.2159	0.5149
drug-14	0.4947	0.1444	0.2270	0.1024	0.7502
drug-15	0.7234	0.0790	0.1646	0.0744	0.5896
drug-16	0.5319	0.1337	0.2399	0.2169	0.6647
drug-17	0.3085	0.1976	0.2144	0.0901	0.7985
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7500	0.0714	0.2022	0.1328	0.4387
ecoli	0.6765	0.0809	0.3472	0.5217	0.2216
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7338	0.4590	0.6857
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2727	0.0245	0.8336
eeg-eye	0.5574	0.4426	0.5469	0.0208	0.6329
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4795	0.2082	0.4461	0.3254	0.5487
fakenews	0.5425	0.4575	0.5427	0.0853	0.9730
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5686	0.4314	0.5558	0.1081	0.9492
financial-risk	0.5655	0.1448	0.3070	0.2661	0.5770
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.3000	0.1750	0.0577	0.0000	0.3283
forest	0.6923	0.1538	0.6930	0.5746	0.4039
gastrointestinal	0.5625	0.2917	0.3811	0.2168	0.5122
german	0.6400	0.3600	0.5585	0.1022	0.8858
gina	0.7291	0.2709	0.7297	0.4569	0.7751
gisette	0.7229	0.2771	0.7236	0.4457	0.7864
glass	0.7143	0.0952	0.5716	0.5909	0.2243
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	0.7500	0.2500	0.6667	0.3333	0.7987
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.7976	0.2024	0.7918	0.5678	0.6272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
green	0.5000	0.5000	0.4553	-0.0870	0.9393	
grub-damage	0.2667	0.3667	0.1915	-0.0377	0.6968	
gsalc	0.6667	0.1111	0.6377	0.5909	0.1647	
haberman	0.7000	0.3000	0.5269	0.0426	0.8482	
hapt	0.8225	0.0296	0.6155	0.7897	0.2107	
har70	0.7671	0.0665	0.5034	0.6286	0.2096	
har701%	0.8111	0.0540	0.4820	0.7232	0.1956	
har7010%	0.8229	0.0506	0.5214	0.7384	0.2185	
harth1%	0.7610	0.0398	0.4271	0.6742	0.2593	
harth10%	0.7153	0.0475	0.3718	0.5933	0.2694	
hayes-roth	0.6875	0.2083	0.7612	0.5152	0.3343	
hcc-survival	0.6471	0.3529	0.6223	0.2031	0.8037	
health-activity	0.7400	0.1300	0.2558	0.0335	0.4769	
heart	0.7778	0.2222	0.7666	0.5263	0.6954	
heart-attack	0.7419	0.2581	0.7448	0.4855	0.7510	
heart-c	0.7333	0.2667	0.7364	0.4545	0.7296	
heart-failure	0.9760	0.0240	0.9721	0.9435	0.1356	
heart-quantum	0.8800	0.1200	0.8750	0.7500	0.4964	
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131	
hepmass1%	0.7875	0.2125	0.7879	0.5748	0.6840	
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000	
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308	
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000	
higgs0.1%	0.5591	0.4409	0.5558	0.1113	0.9623	
higher	0.5000	0.1250	0.4312	0.3988	0.2625	
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522	
hitters	0.8125	0.1875	0.8118	0.6235	0.6412	
hr	0.8421	0.1579	0.4962	-0.0042	0.6840	
htru2	0.9732	0.0268	0.9152	0.8265	0.2471	
ilpd		0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.9447	0.0277	0.9447	0.9262	0.1149
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.4108	0.0453	0.4127	0.3873	0.4884
jvowels		0.8635	0.0303	0.8647	0.8448	0.1879
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8462	0.1538	0.7441	0.4680	0.6202
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9435	0.0565	0.5492	0.0539	0.5027
kidney		0.7858	0.0857	0.2027	0.0068	0.5118
kidney-disease		0.9750	0.0250	0.9737	0.9459	0.1112
krkopt		0.4207	0.0644	0.3856	0.3405	0.5049
krvskp		0.9843	0.0157	0.9843	0.9686	0.1087
labor		0.6667	0.3333	0.4000	0.0000	0.4644
leaf		0.2647	0.0368	0.1499	0.2356	0.1627
led24		0.6000	0.0800	0.5375	0.5467	0.1707
lenses		0.3333	0.4444	0.3333	0.0000	0.3333
leukemia		0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.6389	0.0481	0.6124	0.6123	0.1567
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9999	0.0001	0.9964	0.9928	0.0004
liver		0.6471	0.3529	0.5968	0.1937	0.8945
loan		0.9321	0.0679	0.9275	0.8531	0.3175
lrs		0.6792	0.0642	0.3300	0.5398	0.2015

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.5000	0.1429	0.2105	0.3600	0.1223
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.8000	0.0800	0.6625	0.5294	0.2669
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2		0.4444	0.1235	0.0808	0.1346	0.1824
machine-failure		0.8936	0.1064	0.8900	0.7792	0.4498
madelon		0.4808	0.5192	0.4801	-0.0385	1.0000
magic04		0.8196	0.1804	0.7981	0.5937	0.6401
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8157	0.6265	0.6250
maternal		0.7921	0.1386	0.7984	0.6834	0.4137
math		0.7000	0.1500	0.7067	0.5389	0.4347
mental-disorders		0.6667	0.1667	0.7238	0.5556	0.3079
mental-health		0.2300	0.3080	0.2268	0.0368	0.8568
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		0.7778	0.1481	0.7690	0.6400	0.2545
mfeat-fac		0.7600	0.0480	0.7868	0.7333	0.2192
mfeat-fou		0.5950	0.0810	0.6017	0.5500	0.3537
mfeat-kar		0.7300	0.0540	0.7461	0.7000	0.2840
mfeat-mor		0.6850	0.0630	0.6847	0.6500	0.2245
mfeat-pix		0.2950	0.1410	0.3059	0.2167	0.6489
mice-prot		0.7778	0.0556	0.7817	0.7451	0.2426
milk		0.9434	0.0377	0.9337	0.9131	0.1271
mines		0.3529	0.2588	0.3210	0.1744	0.5445
mobile		0.1748	0.0295	0.1875	0.1599	0.3908
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8197	0.1803	0.7952	0.5866	0.6379
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
musk		0.9424	0.0576	0.8837	0.7425	0.2033
myocardial		0.8765	0.0309	0.3168	0.4145	0.3342
NCI60		0.6667	0.1111	0.5714	0.6000	0.1060
nci9		0.1667	0.1852	0.0556	0.0323	0.1771
neo		0.9079	0.0921	0.6489	0.1514	0.3901
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.9211	0.8293	0.4011
newspop		0.5863	0.4137	0.5805	0.1563	0.9306
NHANES_age_prediction		0.9648	0.0352	0.9319	0.8617	0.2430
NPHA-doctor-visits		0.3889	0.4074	0.3491	-0.0289	0.7983
nursery		0.9877	0.0049	0.7695	0.9819	0.0249
obesity		0.8199	0.0515	0.8167	0.7894	0.2156
occupancy		0.9903	0.0097	0.9865	0.9729	0.1123
Occupancy_Estimation		0.9921	0.0039	0.9730	0.9759	0.0165
oh0-wc		0.5644	0.0871	0.5541	0.4954	0.3877
oh10-wc		0.4190	0.1162	0.4118	0.3320	0.4905
oh15-wc		0.4348	0.1130	0.4307	0.3440	0.4480
oh5-wc		0.4176	0.1165	0.4003	0.3268	0.4506
olive		0.7895	0.0468	0.7398	0.7303	0.1425
optdigits		0.5480	0.0904	0.5486	0.4980	0.4847
optdigitsZ		0.9626	0.0374	0.8742	0.7218	0.1877
orl		0.2750	0.0362	0.2384	0.2564	0.1514
orlraws10P		0.4000	0.1200	0.3317	0.3333	0.1576

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ovarian-cancer		0.7600	0.2400	0.7303	0.4526	0.7382
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7619	0.2381	0.7606	0.5209	0.7314
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9488	0.0205	0.7503	0.6746	0.2350
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.6919	0.3081	0.6560	0.2923	0.8128
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
pasture		0.5000	0.3333	0.5000	0.2727	0.3214
pc1		0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac		0.5258	0.4742	0.4928	-0.0140	0.9876
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8289	0.1711	0.7498	0.4583	0.5776
pediatric-leukemia		0.2059	0.2269	0.1281	-0.0044	0.6095
pendigits		0.8380	0.0324	0.8433	0.8200	0.2237
period		0.6667	0.3333	0.5950	0.1818	0.8798
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
pet-adoption		0.7200	0.2800	0.6608	0.3083	0.8056
phoneme		0.8630	0.1370	0.8306	0.6612	0.5776
pima		0.6447	0.3553	0.6150	0.2251	0.8904
placement		0.7390	0.2610	0.7282	0.4493	0.7579
plant-growth		0.4737	0.5263	0.4820	-0.0326	0.9785
plrx		0.5556	0.4444	0.3571	-0.2632	0.9745
poker1%		0.5980	0.0804	0.1646	0.2655	0.5891
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.9814	0.0074	0.9815	0.9768	0.0495
pred-tox_mutagen_ref-desc		0.6029	0.3971	0.6041	0.2059	0.9196
prestige		0.6667	0.2222	0.6655	0.4906	0.4321
primary-tumor		0.3333	0.0606	0.1536	0.2539	0.2323
profb		0.5970	0.4030	0.4890	-0.0203	0.9510
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate		0.4286	0.5714	0.3851	-0.2174	1.0000
prostate_GE		0.5455	0.4545	0.5500	0.0984	0.9584
pulsar		0.9800	0.0200	0.9384	0.8750	0.1996
raisin		0.8667	0.1333	0.8670	0.7333	0.5178
rcv11%		0.3815	0.0302	0.1670	0.2512	0.4860
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		0.9930	0.0070	0.9930	0.9858	0.0537
rice		0.9830	0.0170	0.9828	0.9656	0.1181
rnaseq		0.8750	0.0500	0.8742	0.8320	0.1572
satimage		0.8445	0.0518	0.8189	0.8068	0.2268
satimageF		0.9844	0.0156	0.9589	0.9167	0.1403
satimageT		0.9300	0.0700	0.7737	0.4848	0.3624
scadi		0.4286	0.1633	0.2256	0.1765	0.2912
schiller		0.8889	0.1111	0.8333	0.6087	0.2605
schizo		0.4706	0.5294	0.4704	-0.0588	1.0000
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.9295	0.0705	0.4817	-0.0118	0.4777
seeds		0.8571	0.0952	0.8780	0.7857	0.2113
segment		0.9048	0.0272	0.9116	0.8889	0.1258
segmentation		0.7624	0.2376	0.7380	0.4756	0.7489
segmentO		0.9957	0.0043	0.9913	0.9825	0.0218
semeion		0.9686	0.0314	0.9081	0.7983	0.1007
sens-1-gram		0.8395	0.1605	0.5510	0.0888	0.7435
sens-2-gram		0.8579	0.1421	0.5739	0.1047	0.6534
sens-3-gram		0.8553	0.1447	0.5569	0.0769	0.6599
sens-4-gram		0.8763	0.1237	0.6474	0.1911	0.5052

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
sens-5-gram		0.1316	0.8684	0.1163	0.0000	0.2931
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shuttle		0.9760	0.0068	0.8352	0.9328	0.1735
sirtuin6		0.6000	0.4000	0.6000	0.2000	0.9288
skin		0.9961	0.0039	0.9942	0.9883	0.0596
skin10%		0.9951	0.0049	0.9926	0.9852	0.0708
smarket		0.7840	0.2160	0.7840	0.5679	0.6934
smart-farming		0.2800	0.3600	0.2795	0.0426	0.8070
smk_can_187		0.6842	0.3158	0.6960	0.3523	0.7434
soil_pollution		0.1733	0.3307	0.1772	-0.0342	0.8882
solar-flare		0.7698	0.0767	0.6782	0.7053	0.2293
sonar		0.5500	0.4500	0.5503	0.1000	0.9662
spam-detection		0.9520	0.0480	0.8498	0.6979	0.4438
spect		0.7798	0.2309	0.6534	0.2576	0.7652
spectf		0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer		0.2264	0.0322	0.0884	0.1760	0.2498
squash-stored		0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored		0.8000	0.1333	0.5556	0.6154	0.2322
startup		0.9892	0.0108	0.9885	0.9767	0.0905
steel-b		0.8308	0.1692	0.7149	0.4114	0.6677
steel-d		0.9846	0.0154	0.8543	0.6597	0.0550
steel-k		0.9692	0.0308	0.9524	0.9001	0.1086
steel-o		0.7179	0.2821	0.6773	0.3502	0.8140
steel-p		0.9179	0.0821	0.6440	0.2387	0.5624
steel-s		0.9744	0.0256	0.8105	0.5351	0.0824
steel-z		0.9487	0.0513	0.8367	0.6410	0.2966
stock		0.8542	0.1458	0.7232	0.4303	0.6432
stockb		0.8326	0.1116	0.8435	0.7491	0.2432
streaming		0.9420	0.0580	0.9416	0.8830	0.2986
stress		0.9683	0.0127	0.9685	0.9603	0.0459
student-lifestyle		0.4500	0.2200	0.2906	0.1419	0.6208
student-habits		0.3100	0.2760	0.2061	0.0157	0.8347
student-weekend		0.2923	0.2831	0.1693	-0.0078	0.8219
student-workday		0.6562	0.1375	0.1925	0.0645	0.4959
studentap		0.5385	0.3077	0.5174	0.2778	0.6337
swarm_aligned		0.9975	0.0025	0.9971	0.9942	0.0165
swarm_flocking		0.9992	0.0008	0.9992	0.9983	0.0085
swarm_grouped		1.0000	0.0000	1.0000	1.0000	0.0000
tae		0.7333	0.1778	0.7357	0.6000	0.4205
telco-churn		0.8580	0.1420	0.8073	0.5881	0.5057
texture		0.9200	0.0145	0.9215	0.9119	0.1075
thoracic		0.8298	0.1702	0.5713	0.1215	0.7363
Thyroid_Diff		0.8421	0.1579	0.7983	0.5698	0.5365
tic-tac-toe		0.9684	0.0316	0.9650	0.9276	0.1262
tis10%		0.7463	0.2537	0.6014	0.1832	0.8036
titanic		0.8182	0.1818	0.7934	0.5163	0.4251
tourist		0.7500	0.0833	0.4375	0.6364	0.0941
tox_171		0.3529	0.3235	0.3141	0.1422	0.6120
toxicity		0.6471	0.3529	0.5597	0.0893	0.8324
toxicity-13f		0.8235	0.1765	0.8152	0.5641	0.3671
trains		0.5000	0.5000	0.3333	0.0000	0.5283
transfusion		0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc		0.4878	0.1138	0.3773	0.3242	0.3856
trec12-wc		0.6774	0.0806	0.6389	0.5856	0.2145
trec21-wc		0.7273	0.0909	0.2638	0.2326	0.2985
trec23-wc		0.5714	0.1429	0.4456	0.3527	0.3673
trec31-wc		0.7849	0.0717	0.7401	0.7017	0.2424
trec41-wc		0.6818	0.0636	0.5226	0.5924	0.2595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
trec45-wc		0.6087	0.0783	0.5383	0.5263	0.3078
turkish		0.5500	0.2250	0.5578	0.4000	0.5459
urban		0.5373	0.1028	0.5340	0.4544	0.3686
urinalysis		0.9441	0.0559	0.4856	0.0000	0.1473
vehicle		0.6667	0.1667	0.6579	0.5568	0.3925
vehicleVAN		0.9167	0.0833	0.8853	0.7586	0.3445
voice		0.5833	0.4167	0.3684	-0.1538	0.9376
vote		0.7442	0.2558	0.7473	0.4898	0.7452
vowel		0.4343	0.1028	0.4602	0.3778	0.3155
vowelZ		0.8990	0.1010	0.6625	0.3210	0.6623
wap-wc		0.4808	0.0519	0.2874	0.4059	0.4083
warpar10p		0.3846	0.1231	0.3482	0.3203	0.2151
warppie10p		0.7143	0.0571	0.7539	0.6826	0.1412
water_pollution		0.2833	0.3583	0.2805	0.0439	0.8436
waveform		0.6100	0.2600	0.6132	0.4152	0.6425
weather-related		0.8942	0.0192	0.9269	0.8792	0.0944
web-phishing		0.8963	0.0691	0.8772	0.8177	0.3276
Weekly		0.9722	0.0278	0.9720	0.9439	0.1734
white-clover		0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc		0.9650	0.0175	0.9666	0.9533	0.0691
wilt		0.9503	0.0497	0.4873	0.0000	0.1349
wine		0.8235	0.1176	0.7583	0.6752	0.3011
winequality-red		0.6730	0.1090	0.3400	0.4761	0.4907
winequality-white		0.5849	0.1186	0.3214	0.3687	0.5575
winnipeg10%		0.9693	0.0088	0.9714	0.9611	0.0670
wisc_bc		0.9123	0.0877	0.9110	0.8170	0.3989
yale		0.0625	0.1250	0.0444	-0.0042	0.2394
yeast		0.4324	0.1135	0.3349	0.2693	0.4673
yeastCYT-POX		0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC		0.9797	0.0203	0.7662	0.3934	0.0680
yeastME1		0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2		0.9595	0.0405	0.7170	0.3825	0.4343
zip		0.6344	0.0731	0.6032	0.5866	0.4182

Table 209: Detailed results for RSIMCA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.8732	0.1268	0.4662	-0.0137	0.1101
abalone9-18		0.6301	0.3699	0.6048	0.0946	0.3313
accelerometer		0.9569	0.0431	0.6613	0.2777	0.5029
accident		0.5000	0.5000	0.5000	0.0000	1.0000
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7799	0.2201	0.7217	0.4383	0.7370
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.4444	0.5556	0.5205	0.0176	0.4018
AID_1431_KlekotaRothFingerprinter		0.5794	0.4206	0.5673	0.0738	0.4497
AID_1431_MACCSFingerprinter		0.6905	0.3095	0.4085	-0.1433	0.5640
AID_1878		0.6857	0.3143	0.5711	0.1348	0.7832
AID_602330		0.6875	0.3125	0.6435	0.1241	0.2873
AID_652128		0.8182	0.1212	0.3017	-0.0206	0.6498
AID1284Morered		0.6667	0.3333	0.6035	0.1660	0.6472
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.7087	0.2913	0.5505	0.0642	0.4664
AID1608red		0.5631	0.4369	0.5649	0.0531	0.3265
AID362red		0.7967	0.2033	0.5735	0.0393	0.1640
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red		0.8571	0.1429	0.8250	0.5882	0.5283
AID456red		0.7164	0.2836	0.5126	0.0011	0.0315
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.3939	-0.0938	0.8482
AID644red		0.5500	0.4500	0.4369	-0.1250	0.9680
AID687AID721red		0.9126	0.0874	0.5866	0.0057	0.0168
AID687red		0.7663	0.2337	0.5394	0.0043	0.0358
AID688red		0.6984	0.3016	0.4847	-0.0035	0.0854
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.5681	0.4319	0.6430	0.2170	0.6738
air_pollution		0.1833	0.2333	0.1704	0.0326	0.8470
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8208	0.1792	0.8184	0.6269	0.5931
alcohol		0.6190	0.1524	0.3711	0.3373	0.5443
all-aml		0.6667	0.3333	0.7500	0.4000	0.5283
alzheimers		0.7442	0.2558	0.7284	0.4549	0.7666
anneal		0.7416	0.1034	0.8007	0.5917	0.3246
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family		0.8248	0.0876	0.7239	0.6923	0.3253
anuran-genus		0.7191	0.0702	0.7213	0.6033	0.3021
anuran-species		0.7319	0.0536	0.7731	0.6573	0.2073
anxiety		0.0833	0.2037	0.0677	-0.0318	0.8077
apple-quality		0.8175	0.1825	0.8178	0.6350	0.6282
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arcene		0.6500	0.3500	0.6179	0.1860	0.7848
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.6225	0.3775	0.6852	0.2395	0.4722

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.7564	0.2436	0.8039	0.5395	0.4907
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.7931	0.2069	0.8199	0.5797	0.4308
autos		0.3500	0.2600	0.5071	0.2285	0.4431
avila		0.2295	0.1284	0.4815	0.1785	0.5217
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.9194	0.0538	0.8845	0.8604	0.3020
bank		0.7213	0.2787	0.7193	0.3180	0.4976
banknote		0.9562	0.0438	0.9579	0.9122	0.2070
bankruptcy		0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria		0.4493	0.5507	0.5598	0.0704	0.7364
basehock		0.2613	0.7387	0.2613	-0.4773	1.0000
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.2780	0.7220	0.5636	0.0066	0.0344
biodeg		0.6857	0.3143	0.6563	0.2343	0.6908
biomed		0.6667	0.3333	0.7483	0.3951	0.5223
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.5530	0.2235	0.5541	0.4040	0.5175
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7856	0.5435	0.6436
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.5969	0.6633	0.1325
bridges		0.5000	0.1667	0.3000	0.2857	0.3057
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9000	0.1000	0.9010	0.7826	0.4011
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.8551	0.1449	0.8705	0.7089	0.4373
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9138	0.0431	0.8770	0.8022	0.1813
car-insurance		0.6390	0.3610	0.6445	0.2704	0.8161
card		0.7536	0.2464	0.7446	0.4871	0.7464
cardiotocography		0.6995	0.0601	0.6847	0.6473	0.3801
cardiotocography-nsp		0.7277	0.1815	0.6797	0.4472	0.4982
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.8985	0.0677	0.9086	0.8472	0.1900
cars		0.6250	0.2500	0.2564	0.0000	0.3255
cas_N6512_cdk_ECFP2		0.3932	0.6068	0.3988	-0.1941	1.0000
cas_N6512_rdkit_ATOMPAIR		0.5000	0.5000	0.5075	0.0145	0.9801
cas_N6512_RDkit_AtomPair_FP		0.5337	0.4663	0.5433	0.0828	0.9531
cas_N6512_rdkit_AVALON		0.4593	0.5407	0.4557	-0.0886	1.0000
cas_N6512_RDkit_Avalon_FP		0.4233	0.5767	0.4179	-0.1641	1.0000
cas_N6512_rdkit_descriptors		0.5785	0.4215	0.5964	0.1774	0.8899
cas_N6512_rdkit_FEATMORGAN		0.4255	0.5745	0.4248	-0.1500	1.0000
cas_N6512_RDkit_Featmorgan_FP		0.4110	0.5890	0.4081	-0.1838	1.0000
cas_N6512_RDkit_FP		0.5031	0.4969	0.5105	0.0202	0.9787
cas_N6512_rdkit_LAYERED		0.5477	0.4523	0.5448	0.0896	0.9701
cas_N6512_RDkit_Layered_FP		0.5230	0.4770	0.5231	0.0460	0.9829
cas_N6512_rdkit_MACCS		0.6390	0.3610	0.6387	0.2769	0.8896
cas_N6512_RDkit_MACCS_FP		0.6779	0.3221	0.6804	0.3581	0.8399
cas_N6512_rdkit_MORGAN		0.3262	0.6738	0.3270	-0.3436	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.3543	0.6457	0.3568	-0.2824	1.0000
cas_N6512_rdkit_PATTERN		0.5123	0.4877	0.4864	-0.0223	0.9505
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4578	0.5422	0.4624	-0.0734	1.0000
cas_N6512_rdkit_TORSION		0.4446	0.5554	0.4521	-0.0911	1.0000
ccds1%		0.0907	0.9093	0.4662	-0.0068	0.1421
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.4870	0.5130	0.4064	-0.1835	1.0000
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.7645	0.2355	0.5806	0.0901	0.3777
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.4727	0.5273	0.5126	0.0075	0.2659
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.8256	0.1744	0.6694	0.2728	0.5487
cervical-C		0.6163	0.3837	0.4490	-0.0472	0.3736
cervical-H		0.9186	0.0814	0.7387	0.4245	0.5608
cervical-S		0.8140	0.1860	0.6683	0.2936	0.6152
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9900	0.0100	0.7106	0.1888	0.2468
chrom1910%		0.9924	0.0076	0.6784	0.1757	0.2619
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.8675	0.1325	0.6248	0.2420	0.6612
churn		0.5190	0.4810	0.6091	0.1497	0.6335
churn-bigml		0.4195	0.5805	0.6289	0.1209	0.3912
ci900367j_MACCS		0.6632	0.3368	0.6284	0.2520	0.8743
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.4524	0.3651	0.3434	0.0782	0.6829
cjs		0.5500	0.1500	0.6327	0.4667	0.3857
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.6861	0.1569	0.6767	0.5599	0.4753
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.3000	0.7000	0.5858	0.0541	0.2820
cmc		0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.5741	0.0774	0.5701	0.5051	0.2935
coil20		0.7222	0.0278	0.8066	0.7076	0.1497
college		0.8182	0.1818	0.8139	0.6010	0.5994
collins		0.4200	0.0773	0.3349	0.3610	0.2948
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.6897	0.3103	0.7632	0.4338	0.5239
colposcopies-2		0.5172	0.4828	0.6131	0.1542	0.7214
colposcopies-3		0.7241	0.2759	0.7379	0.4579	0.7367
colposcopies-4		0.5517	0.4483	0.5669	0.1171	0.8262
colposcopies-5		0.6207	0.3793	0.7089	0.2895	0.4887
colposcopies-6		0.6552	0.3448	0.6751	0.3192	0.7899
colposcopies-c		0.5172	0.4828	0.5309	0.0514	0.7987
column-2c		0.8065	0.1935	0.7688	0.5053	0.5980
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.3726	0.6274	0.3622	-0.2500	1.0000
coupon		0.5229	0.4771	0.5379	0.0715	0.9463
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.4014	0.1710	0.3872	0.2197	0.7403
covtypeCD		0.9220	0.0780	0.8339	0.6678	0.5234

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9169	0.0831	0.7474	0.4803	0.6115
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.5614	0.4386	0.6110	0.0045	0.0114
crowdsourced		0.8507	0.0498	0.6955	0.6584	0.2919
cryotherapy		0.4444	0.5556	0.3077	0.0000	0.5302
cultivars		0.4062	0.0371	0.3605	0.3871	0.1601
customer-churn		0.8098	0.1902	0.6423	0.1124	0.2390
cybersecurity		0.1833	0.2722	0.1873	0.0201	0.8467
cyclopentane		0.6296	0.3704	0.6433	0.2742	0.8595
cylinder-bands		0.7037	0.2963	0.7518	0.4382	0.6164
darwin		0.6667	0.3333	0.7273	0.3333	0.5000
datatrieve		0.2308	0.7692	0.5638	0.0299	0.2192
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.6818	0.2222	0.5283
default		0.6183	0.3817	0.6168	0.2004	0.7449
defect		0.8302	0.1698	0.7163	0.4279	0.7024
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.7246	0.2754	0.6966	0.2984	0.5484
depressed		0.5455	0.4545	0.5597	0.0867	0.6572
dermatology		0.9459	0.0180	0.9423	0.9324	0.0487
desharnais		0.2500	0.5000	0.1667	-0.1429	0.6406
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7000	0.3000	0.4807	-0.0286	0.8615
diabetes		0.8269	0.1731	0.8156	0.6164	0.5709
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%		0.3529	0.4314	0.3276	-0.0449	0.7787
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.9500	0.0250	0.9367	0.9306	0.0692
diamonds_all		0.1989	0.3204	0.3157	0.0755	0.6488
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.7059	0.2857	0.5283
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5417	0.4583	0.3514	-0.0820	0.8246
dlbcl-stanford		0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%		0.0412	0.9588	0.5102	0.0002	0.0084
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5058	0.4942	0.5068	0.0136	0.9933
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.5530	0.2980	0.5285	0.3198	0.5964
drug-01		0.1809	0.2340	0.1840	0.0365	0.7211
drug-02		0.3883	0.1748	0.2701	0.1870	0.8126
drug-03		0.5000	0.1667	0.2470	0.1411	0.7403
drug-04		0.2872	0.2036	0.2451	0.1082	0.7636
drug-05		0.3298	0.1915	0.2067	0.0208	0.6424
drug-06		0.2234	0.2219	0.2420	0.1105	0.6835
drug-07		0.2713	0.2429	0.1608	0.0270	0.7396
drug-08		0.3138	0.1960	0.2059	0.1053	0.7595
drug-09		0.5638	0.1454	0.1998	0.1346	0.6131
drug-10		0.4468	0.1581	0.3144	0.2212	0.7374
drug-11		0.5532	0.1277	0.2959	0.1527	0.5872
drug-12		0.5266	0.1578	0.2602	0.1352	0.5846
drug-13		0.4894	0.1459	0.2818	0.2550	0.6873

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-14		0.4787	0.1489	0.2411	0.2295	0.6697
drug-15		0.4521	0.1565	0.1855	0.0827	0.7690
drug-16		0.5745	0.1418	0.3779	0.3890	0.5561
drug-17		0.2926	0.2021	0.2063	0.1134	0.7107
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.5638	0.1246	0.2081	0.1883	0.5633
drybean		0.8824	0.0336	0.8998	0.8584	0.1765
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM		0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU		0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.2322	-0.0093	0.8046
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6088	0.3912	0.6151	0.2256	0.9017
eeg10%		0.1980	0.1003	0.2470	0.1363	0.6616
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4110	0.2356	0.3543	0.2234	0.5343
euthyroid		0.9304	0.0696	0.7776	0.5405	0.5024
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5474	0.4526	0.6216	0.0456	0.5212
fakenews		0.5250	0.4750	0.5250	0.0499	0.9851
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.1870	0.0956	0.0951	0.0108	0.5405
fertility		0.5000	0.5000	0.3333	-0.1905	0.5180
finance		0.4706	0.5294	0.4937	-0.0103	0.9354
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.1065	0.0117	0.0646	0.0890	0.8618
forest		0.8077	0.0962	0.8280	0.7426	0.1784
gas		0.6377	0.1208	0.6712	0.5476	0.2699
gastrointestinal		0.6250	0.2500	0.6148	0.4182	0.4923
gender		0.3621	0.4253	0.4252	0.1050	0.6631
gene		0.3880	0.4080	0.3870	0.0824	0.7760
german		0.7400	0.2600	0.6987	0.3795	0.7565
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.6196	0.3804	0.6214	0.2408	0.9047
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.3810	0.2063	0.0920	0.0000	0.3180
glass-g2		0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP		0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP		0.3333	0.6667	0.2500	0.0000	0.5000
glassContainers		0.9091	0.0909	0.8382	0.6207	0.5283
glassNW		0.7619	0.2381	0.4324	0.0000	0.3902
glassTableware		0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.6061	0.6667	0.1393
glioma-grade		0.7024	0.2976	0.7053	0.4048	0.8011
green		0.5000	0.5000	0.6644	0.1935	0.5170
grub-damage		0.4000	0.3000	0.4781	0.1964	0.5550
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.6667	0.3333	0.6389	0.2647	0.8104
hapt		0.6112	0.0648	0.6571	0.5485	0.2329
har		0.5163	0.1935	0.5433	0.3942	0.5693
har70		0.0899	0.2600	0.0236	0.0000	0.3023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har701%		0.6358	0.1040	0.4560	0.4733	0.3641
har7010%		0.6796	0.0915	0.5065	0.5204	0.3345
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.1850	0.1358	0.2157	0.1130	0.3218
harth10%		0.1964	0.1339	0.2304	0.1229	0.3351
hayes-roth		0.3750	0.4167	0.3918	0.0533	0.7396
hcc-survival		0.7059	0.2941	0.7286	0.4295	0.7316
health-activity		0.3900	0.3050	0.2351	-0.0099	0.5867
heart		0.8148	0.1852	0.8241	0.6322	0.5905
heart-attack		0.8065	0.1935	0.8366	0.6235	0.4416
heart-c		0.8667	0.1333	0.8705	0.7345	0.4958
heart-failure		0.7140	0.2860	0.7530	0.4493	0.6395
heart-quantum		0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.7042	0.2958	0.7348	0.4107	0.6507
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.5364	0.4636	0.6069	0.1159	0.6789
higgs1%		0.5648	0.4352	0.6105	0.1625	0.7745
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0714	0.2321	0.0167	0.0000	0.3977
hinselmann		0.9000	0.1000	0.8361	0.6154	0.2404
hitters		0.5312	0.4688	0.5243	0.0476	0.9783
hiv1-proteasa		0.2327	0.7673	0.4117	-0.0696	0.5749
hiva		0.1111	0.8889	0.4589	-0.0089	0.1426
horse		0.5833	0.2778	0.5395	0.3510	0.5872
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5104	0.3264	0.5586	0.2358	0.5610
htru2		0.8855	0.1145	0.7992	0.5401	0.5617
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.5915	0.4085	0.5931	0.0958	0.4043
ilpd		0.7288	0.2712	0.6369	0.2613	0.8145
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.8467	0.0767	0.8518	0.7956	0.2579
ionosphere		0.6571	0.3429	0.7445	0.3860	0.5303
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9000	0.1000	0.9049	0.7920	0.2958
isolet		0.8062	0.0149	0.8290	0.7984	0.1353
jm1		0.2259	0.7741	0.5041	0.0016	0.4580
jvowels		0.9086	0.0203	0.9086	0.8963	0.1174
kc1		0.4692	0.5308	0.6061	0.1191	0.5107
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.5333	0.4667	0.6429	0.1176	0.2820
kc2		0.6346	0.3654	0.7233	0.3288	0.5142
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.7492	0.2508	0.7815	0.5075	0.5732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.5882	0.0358	0.5795	0.5681	0.1012
led24		0.5000	0.1111	0.4720	0.4269	0.2390
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.6710	0.0253	0.7031	0.6575	0.2641
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.4444	0.0741	0.5033	0.4069	0.2216
linkage1%		0.9974	0.0026	0.8589	0.7046	0.4943
linkage10%		0.9973	0.0027	0.8745	0.7231	0.5061
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.9297	0.0703	0.9263	0.8519	0.3541
localization		0.0983	0.1639	0.1574	0.0210	0.7734
localization10%		0.2081	0.1440	0.3042	0.1448	0.6708
lrs		0.3208	0.1941	0.4868	0.2306	0.2659
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.6667	0.3333	0.6750	0.3415	0.8344
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9043	0.0957	0.9012	0.8006	0.4106
madelon		0.5308	0.4692	0.5308	0.0615	0.9810
magic04		0.5208	0.4792	0.6567	0.1931	0.5886
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.6979	0.3021	0.6964	0.3927	0.8245
marketing		0.6116	0.3884	0.6623	0.2232	0.5431
maternal		0.6436	0.2376	0.6669	0.4659	0.5450
math		0.8000	0.1000	0.7200	0.6806	0.2904
mba		0.4403	0.3731	0.3720	0.0905	0.4810
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2067	0.3173	0.2020	0.0110	0.8509
messidor		0.6000	0.4000	0.6006	0.0988	0.6707
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		0.8889	0.0741	0.8730	0.8235	0.1114
meter-C		0.3889	0.3056	0.4475	0.1574	0.4986
meter-D		0.7222	0.1389	0.7755	0.6311	0.2556
mfeat-fac		0.9300	0.0140	0.9334	0.9222	0.0791
mfeat-fou		0.5100	0.0980	0.5875	0.4556	0.3717
mfeat-kar		0.8600	0.0280	0.8782	0.8444	0.1319
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.9300	0.0140	0.9328	0.9222	0.0821
mfeat-zer		0.8000	0.0400	0.7861	0.7778	0.1259
mice-prot		0.6204	0.0949	0.7127	0.5661	0.2518
milk		0.2358	0.5094	0.1272	0.0000	0.4229
mines		0.5882	0.1647	0.6109	0.4843	0.3806
mobile		0.3601	0.0229	0.4092	0.3485	0.2376
monks-1		0.5091	0.4909	0.5327	0.0326	0.7720
monks-2		0.6230	0.3770	0.6064	0.2096	0.8875
monks-3		0.8393	0.1607	0.8596	0.6818	0.4011
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.7232	0.2768	0.7229	0.4458	0.7899
music		0.3817	0.1124	0.4186	0.2751	0.6658

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
musk		0.8848	0.1152	0.7515	0.4851	0.5776
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.6547	0.3453	0.6559	0.3080	0.8611
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.6595	0.3405	0.6545	0.3082	0.8675
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.6466	0.3534	0.6767	0.3216	0.7862
myocardial		0.4353	0.1412	0.1848	0.0448	0.4837
naticusdroid		0.8145	0.1855	0.8185	0.6289	0.6083
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.5733	0.0449	0.2812	0.2994	0.7135
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.7143	0.1905	0.7597	0.5333	0.4045
new-thyroidT		0.7619	0.2381	0.6749	0.3137	0.6728
newspop		0.5111	0.4889	0.5150	0.0295	0.9834
NHANES_age_prediction		0.9075	0.0925	0.8604	0.7035	0.5270
nomao		0.7301	0.2699	0.7684	0.4725	0.6013
NPHA-doctor-visits		0.3889	0.4074	0.3950	0.0219	0.7553
nursery		0.6836	0.1582	0.6922	0.5412	0.4120
obesity		0.6256	0.1070	0.6462	0.5628	0.3698
obs		0.7407	0.1296	0.7657	0.6065	0.3023
occupancy		0.9679	0.0321	0.9586	0.9138	0.2562
Occupancy_Estimation		0.6436	0.1782	0.7046	0.3757	0.3299
oh0-wc		0.1584	0.1683	0.0286	-0.0240	0.4506
oh10-wc		0.1524	0.1695	0.0815	0.0089	0.5225
oh15-wc		0.1304	0.1739	0.0485	-0.0181	0.5534
oh5-wc		0.1429	0.1714	0.1543	0.0146	0.6386
olive		0.9649	0.0078	0.9554	0.9565	0.0249
opn310k		0.0909	0.9091	0.0833	0.0000	0.2192
opn310k10%		0.9085	0.0915	0.5794	0.0742	0.4802
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9555	0.0089	0.9587	0.9505	0.0597
optdigitsZ		0.9715	0.0285	0.9067	0.7947	0.0927
orl		0.8000	0.0100	0.7742	0.7949	0.0461
orlraws10P		0.4000	0.1200	0.3520	0.3333	0.2428
ovarian-cancer		0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6495	0.3505	0.5871	0.1705	0.8997
P-Glycoprotein_c_RDkit_AtomPair_FP		0.6429	0.3571	0.6396	0.2748	0.8798
p53-mutants10%		0.8248	0.1752	0.6533	0.0290	0.0497
page-blocks		0.9031	0.0388	0.1898	0.0000	0.0975
parkinson		0.8833	0.1167	0.8858	0.7645	0.4619
parkinsons		0.7204	0.2796	0.6952	0.3867	0.8027
parkinsons-small		0.7895	0.2105	0.8155	0.5682	0.5164
particle		0.7308	0.2692	0.7462	0.4504	0.6728
particle10%		0.7562	0.2438	0.7534	0.4800	0.6886
pasture		0.5000	0.3333	0.5000	0.2000	0.3750
pc1		0.2252	0.7748	0.5618	0.0277	0.2075

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pcmac			0.5000	0.5000	0.4905	-0.0191	0.9939
pcos			0.8967	0.1033	0.8794	0.7295	0.4689
pd			0.5921	0.4079	0.5769	0.1389	0.8159
pediatric-leukemia			0.0882	0.2605	0.0286	0.0066	0.4310
pendigits			0.8408	0.0318	0.8702	0.8227	0.1442
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.6900	0.3100	0.6818	0.3536	0.8056
phishing			0.8122	0.1878	0.8003	0.5909	0.6208
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.4763	0.1496	0.5080	0.3878	0.5005
phone-acc1%			0.3590	0.1831	0.3930	0.2524	0.6463
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.4530	0.1563	0.5611	0.3650	0.4305
phone-gyr1%			0.4000	0.1714	0.4400	0.3012	0.5814
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7667	0.2333	0.7525	0.4882	0.7041
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6711	0.3289	0.7063	0.3734	0.7368
pirvision			0.2933	0.4712	0.3918	0.0739	0.2622
placement			0.7600	0.2400	0.7587	0.5150	0.7307
plant-growth			0.5263	0.4737	0.3448	0.0000	0.5239
plrx			0.6111	0.3889	0.4834	-0.0328	0.9365
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.1532	0.2420	0.2013	0.0212	0.7193
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.7568	0.2432	0.5611	0.0609	0.3360
polish-2nd			0.4720	0.5280	0.5447	0.0227	0.2131
polish-3rd			0.4886	0.5114	0.5704	0.0431	0.2453
polish-4th			0.2582	0.7418	0.5570	0.0238	0.1826
polish-5th			0.5431	0.4569	0.5908	0.0796	0.3476
polya			0.7276	0.2724	0.6998	0.3992	0.8008
popularity			0.3445	0.4370	0.3867	0.0474	0.6852
post-operative			0.5556	0.4444	0.3571	-0.2000	0.9762
postures			0.5695	0.1722	0.6068	0.4632	0.4187
pred-tox_mutagen_ref-desc			0.6618	0.3382	0.6753	0.3235	0.7967
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.1818	0.1259	0.0237	0.0000	0.3708
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.4627	0.5373	0.5921	0.1119	0.6867
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.4286	0.5714	0.3000	-0.2727	1.0000
prostate_GE			0.6364	0.3636	0.7179	0.3125	0.5164
puc-rio			0.5983	0.1607	0.6153	0.4804	0.4394
puc-rio10%			0.5625	0.1750	0.5777	0.4444	0.4721
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.4958	0.5042	0.4958	-0.0083	1.0000
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.8691	0.1309	0.7907	0.5095	0.5511
raisin			0.8222	0.1778	0.8305	0.6444	0.5603
re0-wc			0.1200	0.1354	0.0483	-0.0643	0.4698
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.5427	0.4573	0.4512	-0.0247	0.2277
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.9802	0.0198	0.9803	0.9599	0.1108
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rocket			0.5559	0.4441	0.5306	0.0607	0.9687
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.7278	0.0907	0.7611	0.6734	0.2694
satimageF			0.9767	0.0233	0.9403	0.8805	0.2798
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.4444	0.5556	0.4696	-0.0465	0.7758
schizo			0.4412	0.5588	0.4402	-0.1176	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.5064	0.4936	0.5575	0.0448	0.3268
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.7229	0.0792	0.7691	0.6763	0.2763
segmentation			0.8218	0.1782	0.8070	0.6139	0.6414
segmentO			0.9221	0.0779	0.8321	0.6026	0.1973
seismic			0.5155	0.4845	0.5776	0.0626	0.3274
semeion			0.9434	0.0566	0.8258	0.5832	0.1536
sens-1-gram			0.4474	0.5526	0.5649	0.0682	0.4949
sens-2-gram			0.4895	0.5105	0.5141	0.0171	0.5668
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.5856	0.0753	0.6040	0.5442	0.3831
sepsis			0.8471	0.1529	0.5183	0.0365	0.7240
shoppers			0.6951	0.3049	0.6600	0.2642	0.6463
shuttle			0.5095	0.1401	0.6066	0.2778	0.3329
sick			0.7135	0.2865	0.5772	0.0966	0.4548
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9269	0.0731	0.9099	0.8035	0.4100
skin10%			0.9163	0.0837	0.8995	0.7786	0.4319
smarket			0.8800	0.1200	0.8805	0.7601	0.4836
smart-farming			0.1200	0.4400	0.0962	-0.1815	0.7967
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2367	0.3053	0.2360	0.0489	0.8055
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.5500	0.4500	0.5730	0.1000	0.8046
soybean			0.8971	0.0108	0.9094	0.8869	0.0580
spam-detection			0.7660	0.2340	0.7072	0.3102	0.5175
spambase			0.5587	0.4413	0.6085	0.1820	0.8222
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.5678	0.4322	0.5401	0.0734	0.8437
splice-IE			0.4164	0.5836	0.4660	-0.0503	0.7830
sport-articles			0.4500	0.5500	0.6004	0.0894	0.6094
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			0.8065	0.1935	0.7860	0.5714	0.6708
steel_industry			0.6276	0.2483	0.6457	0.4464	0.5548
steel-b			0.8103	0.1897	0.7118	0.4235	0.7296
steel-d			0.9692	0.0308	0.6983	0.3849	0.5335
steel-k			0.9590	0.0410	0.9356	0.8668	0.2057
steel-o			0.5949	0.4051	0.5677	0.1347	0.9231
steel-p			0.8923	0.1077	0.7705	0.4990	0.5901
steel-s			0.9692	0.0308	0.7646	0.3900	0.0945
steel-z			0.9641	0.0359	0.8902	0.7688	0.2519
stellar			0.6471	0.2353	0.6801	0.4469	0.5264

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stock			0.2708	0.7292	0.5763	0.0428	0.3881
stockb			0.9604	0.0264	0.9620	0.9405	0.1026
streaming			0.6860	0.3140	0.7306	0.3983	0.6542
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.7545	0.2455	0.7434	0.4771	0.7278
student-habits			0.2800	0.2880	0.2462	0.0237	0.8059
student-weekend			0.2154	0.3138	0.1783	-0.0042	0.7466
student-workday			0.6094	0.1562	0.1933	0.1566	0.4784
studentap			0.3077	0.4615	0.2347	-0.1038	0.7596
susy1%			0.6006	0.3994	0.6602	0.2396	0.6990
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.4667	0.3556	0.4722	0.2000	0.6720
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9236	0.0139	0.9298	0.9157	0.0780
theorem			0.8232	0.1768	0.8282	0.6468	0.5938
thoracic			0.7447	0.2553	0.5503	0.0990	0.7759
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.6421	0.3579	0.6598	0.2963	0.8036
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2537	0.7463	0.5582	0.0049	0.4405
titanic			0.6864	0.3136	0.6010	0.1832	0.8448
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7519	0.6837	0.2299
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6898	0.2056	0.4505
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.4933	0.5067	0.5292	0.0462	0.7788
trec12-wc			0.1935	0.2016	0.0769	0.0456	0.3930
trec21-wc			0.4848	0.2061	0.1834	-0.0018	0.3394
trec23-wc			0.1905	0.2698	0.3109	0.0916	0.4069
trec31-wc			0.2043	0.2652	0.1585	-0.0393	0.6185
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.5750	0.2125	0.6387	0.4333	0.4248
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.7462	0.2538	0.7792	0.5119	0.6172
tvnews10%			0.6808	0.3192	0.6835	0.3565	0.8118
ur3_cobotops_grip			0.5524	0.4476	0.5762	0.0401	0.1969
ur3_cobotops_stop			0.9537	0.0463	0.6732	0.3464	0.6015
urban			0.7612	0.0531	0.7745	0.7194	0.1668
urinalysis			0.7832	0.2168	0.6584	0.2068	0.4403
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.5000	0.2500	0.5490	0.3563	0.4411
vehicleVAN			0.8810	0.1190	0.8382	0.6226	0.2769
voice			0.7500	0.2500	0.7252	0.3077	0.4205
vote			0.8605	0.1395	0.8604	0.7208	0.5361
vowel			0.3131	0.1249	0.2756	0.2444	0.3550
vowelZ			0.7980	0.2020	0.7543	0.3889	0.4874
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.6154	0.0769	0.5354	0.5724	0.1230
warppie10p			0.9048	0.0190	0.9243	0.8939	0.0443
watch-acc1%			0.4355	0.1613	0.5028	0.3402	0.5201
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.4189	0.1660	0.4984	0.3206	0.4768

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-gyr10%			0.3783	0.1776	0.4063	0.2739	0.5386
water_pollution			0.2567	0.3717	0.2579	0.0086	0.8494
waveform			0.8440	0.1040	0.8441	0.7660	0.3547
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.0741	0.6173	0.0460	0.0000	0.3984
Weekly			0.9537	0.0463	0.9533	0.9064	0.2542
weight-lift			0.4787	0.2085	0.5067	0.3472	0.6097
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9750	0.0125	0.9754	0.9667	0.0484
wilt			0.7950	0.2050	0.6483	0.1896	0.4257
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.4403	0.1866	0.3635	0.1827	0.7005
winequality-white			0.2270	0.2577	0.3268	0.1081	0.6253
winnipeg10%			0.9316	0.0196	0.8901	0.9134	0.1720
wisc_bc			0.8947	0.1053	0.9026	0.7865	0.3750
yale			0.3750	0.0833	0.3180	0.3333	0.1952
yeast			0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX			0.8367	0.1633	0.7247	0.2847	0.3900
yeastEXC			0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1			0.9730	0.0270	0.8012	0.5866	0.5496
yeastME2			0.8176	0.1824	0.6577	0.2097	0.4363
zip			0.7484	0.0503	0.7887	0.7189	0.2173

Table 210: Detailed results for RUG

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1470	0.0812	0.0958	0.0782	0.6442
abalone19		0.9833	0.0167	0.4958	-0.0083	0.4907
abalone9-18		0.8904	0.1096	0.4710	-0.0580	0.6481
accelerometer		0.9065	0.0935	0.6826	0.2113	0.3416
accident		0.4000	0.6000	0.4000	-0.2000	1.0000
ads		0.9634	0.0366	0.9256	0.8510	0.3397
adult		0.8233	0.1767	0.8009	0.5793	0.6235
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8254	0.1746	0.4522	-0.0957	0.7098
AID_1431_KlekotaRothFingerprinter		0.8016	0.1984	0.4830	-0.0328	0.6707
AID_1431_MACCSFingerprinter		0.8333	0.1667	0.5684	0.1325	0.6789
AID_1878		0.6952	0.3048	0.5062	0.0123	0.8337
AID_602330		0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128		0.7273	0.1818	0.2807	-0.1250	0.6013
AID1284Morered		0.7222	0.2778	0.4194	-0.1613	0.7929
AID1284red		0.7222	0.2778	0.5028	0.0055	0.7605
AID1608Morered		0.9223	0.0777	0.6935	0.3869	0.6327
AID1608red		0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red		0.9766	0.0234	0.5774	0.1548	0.5701
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9950	0.0050	0.6439	0.2833	0.5339
AID644Morered		0.6000	0.4000	0.5238	0.0476	0.9294
AID644red		0.5500	0.4500	0.4886	-0.0227	0.9383
AID687AID721red		0.9985	0.0015	0.4996	-0.0007	0.4457
AID687red		0.9864	0.0136	0.4966	-0.0047	0.2962
AID688red		0.8062	0.1938	0.5133	0.0048	0.1116
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.5556	0.4444	0.5303	0.0526	0.7987
AID746red		0.8724	0.1276	0.5744	0.0291	0.1076
aids		0.8639	0.1361	0.8248	0.6472	0.5946
air_pollution		0.1967	0.2295	0.1504	0.0239	0.8916
air-booking		0.6558	0.3442	0.6451	0.2236	0.6169
airline		0.9532	0.0468	0.9523	0.9046	0.2534
alcohol		0.7619	0.0952	0.5350	0.4938	0.3592
alzheimers		0.9302	0.0698	0.9235	0.8469	0.3523
anneal		0.9775	0.0090	0.9742	0.9538	0.1270
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family		0.9402	0.0299	0.9127	0.8873	0.1396
anuran-genus		0.9110	0.0223	0.7552	0.8539	0.3180
anuran-species		0.8944	0.0211	0.7494	0.8534	0.1784
anxiety		0.1167	0.1963	0.1183	0.0060	0.8163
apple-quality		0.8225	0.1775	0.8226	0.6450	0.6195
aps-failure		0.9762	0.0238	0.8026	0.5573	0.5417
arabidopsis0.1%		0.9882	0.0118	0.6637	0.3274	0.5532
arabidopsis1%		0.9499	0.0501	0.5966	0.1023	0.2763
arcene		0.8000	0.2000	0.8077	0.5455	0.4011
arrhythmia		0.6000	0.0800	0.5521	0.3887	0.2766
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.8182	0.0331	0.7761	0.7816	0.0859
autos		0.8000	0.0800	0.7894	0.7315	0.1353
avila		0.4423	0.0930	0.3849	0.3043	0.5966
babies		0.2016	0.2281	0.1228	-0.0444	0.7409
balance		0.8387	0.1075	0.6682	0.7200	0.3837

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
bank		0.8543	0.1457	0.7855	0.5107	0.5737
banknote		0.9927	0.0073	0.9927	0.9852	0.0564
barleyblumeria		0.8756	0.1244	0.8641	0.7275	0.5112
basehock		0.9397	0.0603	0.9398	0.8794	0.3033
bio10%		0.9938	0.0062	0.8455	0.6866	0.4806
biodeg		0.8476	0.1524	0.8426	0.6830	0.5747
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%		0.8347	0.0472	0.2680	0.0187	0.4073
body-perf		0.6022	0.1989	0.5984	0.4697	0.5316
bookings		0.8707	0.0862	0.6703	0.7485	0.0829
brain-tumor		0.4835	0.5165	0.4834	-0.0332	1.0000
breast-cancer		0.7500	0.2500	0.7315	0.4494	0.7344
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue		0.7273	0.0909	0.7081	0.6667	0.1559
bridges		0.7000	0.1000	0.6073	0.5946	0.1749
bub10at310k-hg16-17		0.7983	0.2017	0.6900	0.3102	0.5717
bub12at310k-hg16-17		0.8043	0.1957	0.6946	0.3208	0.5748
bub8at310k-hg16-17		0.7933	0.2067	0.6994	0.3189	0.5565
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.3630	0.4247	0.3219	-0.0134	0.8192
car		0.7989	0.1006	0.5407	0.5831	0.3145
car-insurance		0.8350	0.1650	0.8228	0.6381	0.6080
card		0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography		0.7089	0.0582	0.6770	0.6453	0.2764
cardiotocography-nsp		0.9014	0.0657	0.8331	0.7222	0.3411
cardiovascular		0.7253	0.2747	0.7262	0.4505	0.7814
cars		0.7250	0.1833	0.6561	0.5089	0.5818
cas_N6512_cdk_ECFP2		0.7250	0.2750	0.7250	0.4492	0.7853
cas_N6512_rdkit_ATOMPAIR		0.6985	0.3015	0.6985	0.3962	0.8209
cas_N6512_RDkit_AtomPair_FP		0.7377	0.2623	0.7372	0.4740	0.7683
cas_N6512_rdkit_AVALON		0.7588	0.2412	0.7589	0.5169	0.7342
cas_N6512_RDkit_Avalon_FP		0.7837	0.2163	0.7851	0.5679	0.6881
cas_N6512_rdkit_descriptors		0.7477	0.2523	0.7475	0.4943	0.7525
cas_N6512_rdkit_FEATMORGAN		0.7081	0.2919	0.7145	0.4214	0.7877
cas_N6512_RDkit_Featmorgan_FP		0.7316	0.2684	0.7312	0.4619	0.7769
cas_N6512_RDkit_FP		0.6902	0.3098	0.6892	0.3782	0.8334
cas_N6512_rdkit_LAYERED		0.7415	0.2585	0.7415	0.4822	0.7614
cas_N6512_RDkit_Layered_FP		0.7500	0.2500	0.7487	0.4974	0.7511
cas_N6512_rdkit_MACCS		0.8080	0.1920	0.8065	0.6116	0.6463
cas_N6512_RDkit_MACCS_FP		0.7807	0.2193	0.7817	0.5616	0.6944
cas_N6512_rdkit_MORGAN		0.7754	0.2246	0.7742	0.5483	0.7098
cas_N6512_RDkit_morgan_FP		0.7561	0.2439	0.7571	0.5125	0.7357
cas_N6512_rdkit_PATTERN		0.7631	0.2369	0.7642	0.5265	0.7240
cas_N6512_RDkit_pattern_FP		0.7531	0.2469	0.7529	0.5052	0.7439
cas_N6512_rdkit_RDKITFP		0.7189	0.2811	0.7183	0.4363	0.7952
cas_N6512_rdkit_TORSION		0.7292	0.2708	0.7347	0.4624	0.7610
ccds1%		0.9313	0.0687	0.5797	0.1580	0.6124
ccds10%		0.8151	0.1849	0.6414	0.1682	0.3832
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8342	0.1658	0.8262	0.6485	0.6062
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.8430	0.1570	0.6288	0.1834	0.4603
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.7917	0.2083	0.5891	0.1152	0.4324
CDS49_AID687_Rdkit-ecfp4-fp		0.9746	0.0254	0.5271	0.0190	0.1534
census10%		0.8519	0.1481	0.7187	0.3425	0.5127
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.9186	0.0814	0.6613	0.3205	0.6437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-C		0.9070	0.0930	0.5753	0.1506	0.6606
cervical-H		0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S		0.9302	0.0698	0.7540	0.4669	0.4550
children-anemia		0.7823	0.1088	0.7768	0.6731	0.2599
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.7856	0.5710	0.4672
chrom2110%		0.9993	0.0007	0.4998	-0.0003	0.3915
chronic-kidney		0.9036	0.0964	0.6662	0.3323	0.6607
churn		0.7970	0.2030	0.7431	0.4689	0.6910
churn-bigml		0.9101	0.0899	0.8362	0.6679	0.5551
ci900367j_MACCS		0.6632	0.3368	0.6548	0.3069	0.8569
circles		0.3780	0.0124	0.3277	0.3717	0.1336
cirrhosis		0.7143	0.1905	0.4948	0.4412	0.4281
cjs		0.9964	0.0012	0.9962	0.9956	0.0059
clave		0.7167	0.1417	0.6410	0.5962	0.4884
climate		0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.8000	0.2000	0.4444	-0.1111	0.7317
cmc		0.5306	0.3129	0.5144	0.2803	0.7137
cnae-9		0.7870	0.0473	0.8081	0.7604	0.1933
codon_usage		0.5395	0.0837	0.4118	0.4590	0.5165
coil20		0.6528	0.0347	0.7039	0.6348	0.1319
college		0.8961	0.1039	0.8794	0.7528	0.4899
collins		0.7200	0.0373	0.5286	0.6899	0.0925
colposcopies-1		0.6897	0.3103	0.6650	0.3290	0.8399
colposcopies-2		0.4483	0.5517	0.3912	-0.2147	1.0000
colposcopies-3		0.6207	0.3793	0.6141	0.2276	0.9066
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.6897	0.3103	0.4961	-0.0077	0.8196
colposcopies-6		0.6897	0.3103	0.6913	0.3741	0.8142
colposcopies-c		0.7241	0.2759	0.6234	0.2468	0.8309
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.7097	0.1935	0.6242	0.5319	0.4028
comedy_comparisons1%		0.4811	0.5189	0.4864	-0.0054	0.6775
connect-4		0.9837	0.0109	0.7568	0.6769	0.4719
cottonmeloidogyne		0.7812	0.2188	0.7814	0.5626	0.6979
coupon		0.7287	0.2713	0.7237	0.4475	0.7853
covtypeCD		0.9786	0.0214	0.9572	0.9130	0.2656
covtypeT		0.9582	0.0418	0.8721	0.7298	0.5013
crabs		0.7000	0.1500	0.7185	0.6000	0.2526
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8147	0.0618	0.6135	0.6411	0.5401
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.2188	0.0488	0.1548	0.1935	0.1678
customer-churn		0.9134	0.0866	0.7245	0.2870	0.3838
cybersecurity		0.1900	0.2700	0.1959	0.0289	0.8509
cyclopentane		0.6296	0.3704	0.6181	0.2241	0.8800
cylinder-bands		0.7407	0.2593	0.7317	0.4577	0.7575
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0998	-0.0003	0.9212
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
default		0.7537	0.2463	0.6921	0.3736	0.7523
defect		0.9198	0.0802	0.8511	0.7022	0.5037
deposit		0.8445	0.1555	0.7765	0.4937	0.5822
depressed		0.6434	0.3566	0.5025	0.0046	0.7737
dermatology		0.9189	0.0270	0.9249	0.8991	0.0971
desharnais		0.1250	0.5833	0.0833	-0.4000	0.7015

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dexter		0.9167	0.0833	0.9188	0.8333	0.3549
df_final		0.3750	0.4167	0.1905	0.0000	0.4515
DIA		0.8667	0.1333	0.8179	0.5676	0.2951
diabetes		0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k		0.9065	0.0935	0.8102	0.5751	0.5649
diabetes-risk		0.8973	0.1027	0.8619	0.7152	0.5261
diabetic		0.5624	0.2917	0.4206	0.1735	0.6256
diabetic1%		0.4510	0.3660	0.3949	0.0872	0.7898
diamonds_all		0.5686	0.1726	0.5427	0.4000	0.5487
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.8333	0.1667	0.8288	0.6471	0.5639
dna0.1%		0.9906	0.0094	0.5461	0.0747	0.3844
dorothea		0.9217	0.0783	0.7830	0.5653	0.5886
dota2		0.5844	0.4156	0.5836	0.1671	0.9418
dota210%		0.5641	0.4359	0.5650	0.1295	0.9548
dropout		0.6614	0.2257	0.6244	0.4746	0.5477
drug-01		0.2234	0.2219	0.2467	0.0894	0.7146
drug-02		0.3830	0.1763	0.2336	0.1673	0.8274
drug-03		0.3989	0.1717	0.1287	-0.0221	0.7662
drug-04		0.2500	0.2143	0.1878	0.0667	0.8466
drug-05		0.1596	0.2401	0.1100	-0.0156	0.5891
drug-06		0.2500	0.2143	0.2206	0.1139	0.7661
drug-07		0.2926	0.2021	0.1311	0.0000	0.7134
drug-08		0.3457	0.1869	0.1878	0.1142	0.8035
drug-09		0.5798	0.1201	0.1427	0.0700	0.5279
drug-10		0.2660	0.2097	0.3760	0.1140	0.6482
drug-11		0.5957	0.1155	0.2241	0.1165	0.6384
drug-12		0.5798	0.1201	0.1952	0.1165	0.6174
drug-13		0.4574	0.1550	0.2125	0.2151	0.7690
drug-14		0.3670	0.1809	0.2069	0.1091	0.7368
drug-15		0.3564	0.1839	0.1760	0.0684	0.7378
drug-16		0.4574	0.1550	0.2254	0.2303	0.6337
drug-17		0.1649	0.2386	0.1801	0.0318	0.8189
drug-18		0.9840	0.0064	0.1984	-0.0053	0.1738
drug-19		0.3936	0.1733	0.1767	0.0868	0.7100
drybean		0.6745	0.0930	0.7328	0.6111	0.2751
ecoli		0.7941	0.0515	0.4379	0.7122	0.1297
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU		0.8182	0.1818	0.5816	0.1538	0.6675
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2700	0.3650	0.2686	0.0268	0.8251
eeg-eye		0.8071	0.1929	0.8065	0.6122	0.6506
eeg10%		0.2183	0.0977	0.2023	0.1442	0.7837
eucalyptus		0.5342	0.1863	0.5482	0.4216	0.4578
euthyroid		0.9589	0.0411	0.8767	0.7495	0.3628
fakenews		0.5375	0.4625	0.5373	0.0746	0.9769
farm-ads		0.8671	0.1328	0.8685	0.7346	0.5117
fbis-wc		0.6626	0.0397	0.6302	0.6236	0.2518
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7647	0.2353	0.7624	0.5248	0.7286
financial-risk		0.5530	0.1490	0.4495	0.3969	0.4083
fishcatch		0.8125	0.0625	0.8486	0.7659	0.1160
flags		0.5000	0.1429	0.3297	0.3730	0.3413
fonts10%		0.1057	0.0117	0.0161	0.0726	0.3661
forest		0.8654	0.0673	0.8520	0.8133	0.1496
gas		0.8382	0.0539	0.8447	0.8046	0.2061
gastrointestinal		0.6250	0.2500	0.5916	0.3846	0.5695

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
gender			0.4947	0.3368	0.4257	0.1384	0.7502
gene			0.8707	0.0862	0.8613	0.7932	0.3306
german			0.6500	0.3500	0.5982	0.1935	0.8970
gestures			0.8604	0.0698	0.8617	0.8139	0.2705
gina			0.8991	0.1009	0.8992	0.7983	0.4343
gisette			0.9400	0.0600	0.9400	0.8800	0.3031
glass			0.6190	0.1270	0.6587	0.4766	0.3593
glass-g2			0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP			0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP			0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers			0.9091	0.0909	0.4762	0.0000	0.2092
glassNW			0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware			0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP			0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM			0.7368	0.2632	0.7389	0.4751	0.7624
glioma-grade			0.8690	0.1310	0.8707	0.7360	0.5042
green			0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage			0.4667	0.2667	0.5106	0.2899	0.4513
gsalc			0.5556	0.1481	0.6222	0.4706	0.1789
haberman			0.7333	0.2667	0.6867	0.3684	0.7853
hapt			0.7036	0.0494	0.6634	0.6481	0.1618
har			0.1840	0.3264	0.0622	0.0000	0.3998
har701%			0.5513	0.1282	0.3498	0.4217	0.3728
harth1%			0.4646	0.0892	0.3328	0.3588	0.5922
hayes-roth			0.4375	0.3750	0.2333	0.0204	0.3352
hcc-survival			0.7647	0.2353	0.7747	0.5342	0.6845
health-activity			0.5100	0.2450	0.1880	-0.1068	0.5616
heart			0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack			0.8065	0.1935	0.8096	0.6141	0.6376
heart-c			0.8000	0.2000	0.8001	0.5946	0.6479
heart-failure			0.9780	0.0220	0.9744	0.9483	0.1287
heart-quantum			0.8600	0.1400	0.8674	0.7200	0.4927
hepatitis			0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%			0.8533	0.1467	0.8546	0.7068	0.5433
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%			0.6727	0.3273	0.6729	0.3453	0.8527
higgs1%			0.7049	0.2951	0.7056	0.4101	0.8116
higher			0.3571	0.1607	0.2467	0.2410	0.2927
hinselmann			0.8000	0.2000	0.4444	0.0000	0.3522
hitters			0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa			0.8988	0.1012	0.8379	0.6705	0.5602
hiva			0.9173	0.0827	0.5568	0.1061	0.5583
horse			0.6111	0.2593	0.5908	0.3386	0.6349
hotel-reservartions			0.8647	0.1353	0.8493	0.6979	0.5555
hr			0.6596	0.3404	0.5339	0.0575	0.6871
ht-sensor10%			0.2982	0.4679	0.1531	0.0000	0.4201
htru2			0.9642	0.0358	0.9041	0.8035	0.4266
hypothyroid			0.9867	0.0066	0.7267	0.9220	0.1063
hypothyroidT			0.9973	0.0027	0.9909	0.9816	0.0997
ilpd			0.6780	0.3220	0.6143	0.2285	0.8639
immuno-therapy			0.7778	0.2222	0.6786	0.3571	0.7720
instagram			0.7233	0.1383	0.7813	0.6311	0.1469
ionosphere			0.8857	0.1143	0.8674	0.7348	0.5055
iris			0.9333	0.0444	0.9333	0.8993	0.1057
isolet			0.5661	0.0334	0.5661	0.5488	0.2587
jm1			0.6961	0.3039	0.6401	0.2561	0.7425
jvowels			0.7791	0.0491	0.7730	0.7501	0.2749

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1		0.7915	0.2085	0.6593	0.3117	0.7365
kc1-class-level-defectiveornot		0.6667	0.3333	0.6637	0.3243	0.8514
kc1-class-level-numericdefect		0.6923	0.1231	0.3687	0.3158	0.2965
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007		0.2868	0.2038	0.4284	0.1725	0.3938
kddcup98		0.5919	0.4081	0.5437	0.0345	0.3123
kddcup981%		0.9158	0.0842	0.4780	-0.0411	0.6731
kddcup9810%		0.7319	0.2681	0.5010	0.0012	0.4012
kddcup991%		0.4158	0.0899	0.6385	0.3621	0.0971
kepler		0.7992	0.1339	0.7282	0.6688	0.3223
kidney		0.2502	0.2999	0.1990	-0.0031	0.5929
kidney-disease		0.9500	0.0500	0.9467	0.8933	0.2764
krkopt		0.1996	0.0889	0.2006	0.1185	0.6744
krvskp		0.9875	0.0125	0.9875	0.9749	0.0881
la1s-wc		0.7238	0.0921	0.6884	0.6510	0.3899
la2s-wc		0.7351	0.0883	0.7030	0.6655	0.3830
leaf		0.5882	0.0358	0.5237	0.5681	0.0933
led24		0.6500	0.0700	0.6104	0.6034	0.1299
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.3760	0.0480	0.3827	0.3510	0.4878
libra		0.4722	0.0704	0.4895	0.4338	0.2366
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7353	0.2647	0.7051	0.4093	0.7890
loan		0.9906	0.0094	0.9900	0.9801	0.0758
localization10%		0.2203	0.1418	0.1852	0.1090	0.8438
lrs		0.7358	0.0528	0.3911	0.6440	0.1895
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.6250	0.1071	0.3594	0.5385	0.0946
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.8000	0.0800	0.3765	0.4444	0.1568
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.8571	0.0952	0.9107	0.7500	0.2000
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.8830	0.1170	0.8790	0.7562	0.4741
madelon		0.7038	0.2962	0.7039	0.4077	0.8158
magic04		0.8611	0.1389	0.8473	0.6945	0.5554
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7812	0.2188	0.7807	0.5614	0.6988
marketing		0.8214	0.1786	0.6870	0.3684	0.7144
maternal		0.5842	0.2772	0.6003	0.3636	0.5807
math		0.8500	0.0750	0.8123	0.7674	0.2501
mba		0.6742	0.2172	0.4647	0.2700	0.4961
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2000	0.3200	0.1998	0.0008	0.8677
messidor		0.6348	0.3652	0.6268	0.2535	0.8987
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-C		0.8889	0.0556	0.8711	0.8435	0.1165
meter-D		0.7778	0.1111	0.8136	0.6923	0.1674
mfeat-fac		0.8800	0.0240	0.8819	0.8667	0.1412
mfeat-fou		0.6150	0.0770	0.6469	0.5722	0.2806
mfeat-kar		0.7950	0.0410	0.8045	0.7722	0.2038
mfeat-mor		0.5050	0.0990	0.4481	0.4500	0.2635
mfeat-pix		0.8800	0.0240	0.8827	0.8667	0.1451
mfeat-zer		0.7100	0.0580	0.7206	0.6778	0.2561
milk		0.9811	0.0126	0.9839	0.9711	0.0518
mines		0.4412	0.2235	0.4390	0.3024	0.5074

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mobile		0.2727	0.0260	0.2662	0.2594	0.2739
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.2406	0.1381	0.3000	0.1312	0.6341
musk		0.9621	0.0379	0.9255	0.8496	0.2804
MUT_ci300400a_cdk_ECFP2		0.7686	0.2314	0.7690	0.5338	0.7120
MUT_ci300400a_cdk_ECFP4		0.7641	0.2359	0.7669	0.5273	0.7117
MUT_ci300400a_cdk_ECFP6		0.7437	0.2563	0.7423	0.4820	0.7555
MUT_ci300400a_cdk_ESTATE		0.7374	0.2626	0.7411	0.4752	0.7505
MUT_ci300400a_cdk_EXTENDED		0.7998	0.2002	0.7987	0.5947	0.6625
MUT_ci300400a_cdk_FCFP2		0.7617	0.2383	0.7623	0.5202	0.7225
MUT_ci300400a_cdk_FCFP4		0.7302	0.2698	0.7311	0.4578	0.7689
MUT_ci300400a_cdk_FCFP6		0.7446	0.2554	0.7484	0.4896	0.7394
MUT_ci300400a_cdk_MACCS		0.7986	0.2014	0.7947	0.5888	0.6715
MUT_ci300400a_cdk_PUBCHEM		0.8192	0.1808	0.8144	0.6288	0.6335
MUT_ci300400a_cdk_STANDARD		0.7749	0.2251	0.7712	0.5414	0.7120
MUT_ci300400a_rdkit_descriptors		0.7957	0.2043	0.7937	0.5863	0.6734
myocardial		0.6941	0.0765	0.2844	0.1177	0.6411
naticusdroid		0.9639	0.0361	0.9639	0.9277	0.2085
NCI60		0.5000	0.1667	0.5000	0.4000	0.1820
nci9		0.5000	0.1667	0.4545	0.4000	0.1541
ncRNA1%		0.0275	0.1024	0.1378	0.0190	0.5683
neo		0.7875	0.2125	0.7513	0.3852	0.4949
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.5021	0.0226	0.5103	0.4869	0.2784
newspop		0.6690	0.3310	0.6684	0.3366	0.8585
nomao		0.9553	0.0447	0.9466	0.8924	0.2886
NPHA-doctor-visits		0.3194	0.4537	0.3194	-0.0438	0.7775
nursery		0.7338	0.1065	0.5499	0.6095	0.2957
obesity		0.6635	0.0961	0.6954	0.6079	0.2753
obs		0.9444	0.0278	0.9622	0.9184	0.1020
occupancy		0.9922	0.0078	0.9892	0.9783	0.0956
Occupancy_Estimation		0.9951	0.0025	0.9833	0.9849	0.0110
oh0-wc		0.7624	0.0475	0.7625	0.7281	0.2202
oh10-wc		0.6381	0.0724	0.6444	0.5877	0.2514
oh15-wc		0.7935	0.0413	0.7773	0.7662	0.2157
oh5-wc		0.7473	0.0505	0.7284	0.7134	0.2277
ohscal-wc		0.6237	0.0753	0.6129	0.5803	0.4324
olive		0.8772	0.0273	0.8516	0.8467	0.1126
opn310k		0.8471	0.1529	0.7146	0.3840	0.6096
opn310k10%		0.8112	0.1888	0.6633	0.2795	0.6023
opnat310k-hg16-17		0.8559	0.1441	0.7193	0.3991	0.6162
optdigits		0.8612	0.0278	0.8675	0.8457	0.1722
optdigitsZ		0.9947	0.0053	0.9837	0.9674	0.1218
orl		0.4750	0.0262	0.4401	0.4615	0.1481
orlraws10P		0.8000	0.0400	0.7467	0.7778	0.0507
ozone1hr		0.9684	0.0316	0.7198	0.4137	0.4786
ozone8hr		0.9051	0.0949	0.6038	0.2013	0.6724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7577	0.2423	0.7292	0.4584	0.7601
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8413	0.1587	0.8420	0.6825	0.5766
p53-mutants		0.9943	0.0057	0.6778	0.3543	0.5312
p53-mutants10%		0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks		0.8921	0.0431	0.6312	0.5244	0.4879
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons		0.9052	0.0948	0.8987	0.7967	0.4214

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons-small			0.7895	0.2105	0.7677	0.5190	0.6808
particle10%			0.9223	0.0777	0.9107	0.8167	0.4094
pc1			0.9009	0.0991	0.6502	0.2995	0.6610
pcmac			0.4485	0.5515	0.4058	-0.1814	1.0000
pd			0.8553	0.1447	0.7983	0.5926	0.6007
pediatric-leukemia			0.8235	0.0504	0.8066	0.7839	0.1766
pendigits			0.8462	0.0308	0.8493	0.8291	0.1778
period			0.5556	0.4444	0.5000	0.0000	0.9591
period-10f			0.4444	0.5556	0.4208	-0.1538	0.9711
persistency			0.8163	0.1837	0.8046	0.6092	0.6474
pet-adoption			0.9050	0.0950	0.8922	0.7843	0.4420
phishing			0.9673	0.0327	0.9659	0.9317	0.2032
PhiUSIIL			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%			0.5207	0.1369	0.5477	0.4429	0.4448
phone-gyr0.1%			0.4853	0.1471	0.5290	0.4032	0.4058
phoneme			0.8407	0.1593	0.8242	0.6379	0.6012
phy			0.7082	0.2918	0.7082	0.4164	0.8103
pima			0.7632	0.2368	0.7479	0.4926	0.7331
pirvision			0.9824	0.0118	0.9699	0.9448	0.1149
placement			0.7770	0.2230	0.7772	0.5507	0.6991
plant-growth			0.6316	0.3684	0.6315	0.2486	0.8662
plrx			0.6667	0.3333	0.5282	0.0526	0.9011
poker1%			0.3229	0.1354	0.1058	0.0100	0.7762
poker10%			0.3481	0.1630	0.1636	0.0453	0.9657
polish-1st			0.9616	0.0384	0.7446	0.4891	0.5669
polish-2nd			0.9263	0.0737	0.6828	0.3350	0.5719
polish-3rd			0.9000	0.1000	0.6763	0.3103	0.5636
polish-4th			0.8837	0.1163	0.6891	0.3223	0.5538
polish-5th			0.9475	0.0525	0.8084	0.6155	0.5462
polya			0.7676	0.2324	0.7610	0.5159	0.7173
popularity			0.5148	0.3235	0.4634	0.1816	0.6701
post-operative			0.3333	0.6667	0.3415	-0.2857	0.9644
postures			0.7828	0.0869	0.7898	0.7287	0.2873
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6816	0.3529	0.8237
primary-tumor			0.3333	0.1026	0.2070	0.2599	0.3439
profb			0.7164	0.2836	0.6823	0.3645	0.8165
promoters			0.7000	0.3000	0.7041	0.4000	0.7967
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
puc-rio10%			0.8763	0.0495	0.8078	0.8353	0.2258
pufs-1281%			0.5023	0.4977	0.5023	0.0047	0.9986
pufs-641%			0.4921	0.5079	0.4921	-0.0158	1.0000
pufs-6410%			0.4998	0.5002	0.3332	0.0000	0.5284
pulsar			0.9553	0.0447	0.8867	0.7649	0.4713
raisin			0.8778	0.1222	0.8779	0.7556	0.4920
rcv11%			0.2463	0.0368	0.1639	0.1926	0.4445
rcv110%			0.3726	0.0251	0.2813	0.3368	0.4387
re0-wc			0.6933	0.0472	0.6521	0.6058	0.2955
re1-wc			0.4639	0.0429	0.3920	0.4232	0.2365
reuters21578			0.4699	0.0221	0.2622	0.3633	0.2232
rice			0.9824	0.0176	0.9822	0.9645	0.1205
rnaseq			0.8750	0.0500	0.7488	0.8289	0.1232
rocket			0.6546	0.3454	0.6835	0.3370	0.7814
RT_IOT2022			0.1538	0.1410	0.4705	0.1295	0.1591
satimage			0.7776	0.0741	0.7742	0.7292	0.2762
satimageF			0.9876	0.0124	0.9684	0.9367	0.1925
satimageT			0.9005	0.0995	0.7802	0.5454	0.6105
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
schizo			0.4706	0.5294	0.4664	-0.0588	0.9811
secom			0.8910	0.1090	0.5238	0.0474	0.6798
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.7922	0.0594	0.8315	0.7573	0.1499
segmentation			0.8416	0.1584	0.8424	0.6729	0.5639
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.8256	0.1744	0.6119	0.1848	0.5610
semeion			0.9748	0.0252	0.9305	0.8610	0.3001
sens-1-gram			0.6684	0.3316	0.5479	0.0799	0.6707
sens-10-gram			0.7612	0.2388	0.5355	0.0702	0.7620
sens-2-gram			0.7500	0.2500	0.6085	0.1985	0.6998
sens-3-gram			0.7289	0.2711	0.5781	0.1417	0.7031
sens-4-gram			0.7026	0.2974	0.5389	0.0698	0.7046
sens-5-gram			0.7737	0.2263	0.5918	0.1772	0.7327
sens-6-gram			0.7237	0.2763	0.5295	0.0554	0.7279
sens-7-gram			0.6921	0.3079	0.5592	0.1022	0.6834
sens-8-gram			0.6684	0.3316	0.5095	0.0164	0.6917
sens-9-gram			0.6895	0.3105	0.5193	0.0345	0.7040
sensorless			0.6839	0.0743	0.5877	0.5504	0.2270
sepsis			0.5551	0.4449	0.5860	0.0906	0.4336
shoppers			0.8297	0.1703	0.7799	0.5156	0.6084
shuttle			0.9272	0.0208	0.5942	0.8223	0.0107
sick			0.9841	0.0159	0.9357	0.8715	0.2771
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9994	0.0006	0.9991	0.9981	0.0135
skin10%			0.9984	0.0016	0.9975	0.9950	0.0233
smart-farming			0.2400	0.3800	0.2409	-0.0117	0.8396
smk_can_187			0.6316	0.3684	0.6333	0.2652	0.8937
smoking			0.7078	0.2922	0.7529	0.4485	0.6379
soil_pollution			0.1967	0.3213	0.2010	-0.0061	0.8653
solar-flare			0.5612	0.1463	0.5466	0.4628	0.4314
sonar			0.7500	0.2500	0.7513	0.5000	0.7429
soybean			0.8824	0.0124	0.9062	0.8716	0.0603
spam-detection			0.9515	0.0485	0.8781	0.7463	0.4882
spambase			0.9370	0.0630	0.9343	0.8685	0.3242
spect			0.7037	0.2963	0.6196	0.2340	0.8108
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.1923	0.0598	0.1567	0.1577	0.2389
splice-EI			0.9558	0.0442	0.9443	0.8867	0.3044
splice-IE			0.9401	0.0599	0.9167	0.8333	0.3600
sport-articles			0.8200	0.1800	0.8037	0.6051	0.6337
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
steel_industry			0.8205	0.1197	0.7796	0.7099	0.3519
steel-b			0.8000	0.2000	0.7289	0.4517	0.7172
steel-d			0.9897	0.0103	0.9069	0.7950	0.0398
steel-k			0.9795	0.0205	0.9682	0.9359	0.1450
steel-o			0.7590	0.2410	0.7461	0.4886	0.7401
steel-p			0.9282	0.0718	0.7752	0.5491	0.5905
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9846	0.0154	0.9575	0.9145	0.2439
stellar			0.7515	0.1657	0.7492	0.5588	0.3968
stock			0.9514	0.0486	0.9192	0.8381	0.3617
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9980	0.0020	0.9980	0.9960	0.0196
stress			0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle			0.3850	0.2460	0.2452	0.1027	0.6267
student-habits			0.2300	0.3080	0.1953	-0.0137	0.8322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
student-weekend			0.3231	0.2708	0.2954	0.1046	0.7222
student-workday			0.5938	0.1625	0.2392	0.1191	0.4824
studentap			0.4615	0.3590	0.5261	0.1574	0.5118
susy1%			0.7896	0.2104	0.7877	0.5728	0.6776
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.5218	0.2000	0.5978
telco-churn			0.8906	0.1094	0.8651	0.7285	0.5170
texture			0.7673	0.0423	0.8059	0.7436	0.1667
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7872	0.2128	0.5804	0.1607	0.7805
thrombin			0.9895	0.0105	0.8723	0.7447	0.3979
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.8811	0.1189	0.8535	0.7011	0.5447
tis10%			0.8955	0.1045	0.8567	0.7127	0.5034
titanic			0.7591	0.2409	0.7276	0.4549	0.7599
tourist			0.6250	0.1500	0.3636	0.3684	0.1904
tox_171			0.6471	0.1765	0.6793	0.5321	0.3780
toxicity			0.6471	0.3529	0.6136	0.2273	0.8920
toxicity-13f			0.7059	0.2941	0.6913	0.3796	0.8113
transfusion			0.5867	0.4133	0.5170	0.0325	0.8609
trec11-wc			0.8780	0.0271	0.7618	0.8512	0.0944
trec12-wc			0.8387	0.0403	0.8731	0.8055	0.1446
trec21-wc			0.8182	0.0727	0.6411	0.6489	0.3296
trec23-wc			0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc			0.9570	0.0143	0.9312	0.9431	0.1227
trec41-wc			0.8864	0.0227	0.7989	0.8629	0.1335
trec45-wc			0.8261	0.0348	0.8335	0.7978	0.1445
tuandromd			0.9776	0.0224	0.9652	0.9304	0.1938
turkish			0.7250	0.1375	0.7312	0.6333	0.3765
tvnews			0.9071	0.0929	0.9014	0.8020	0.4294
tvnews1%			0.8846	0.1154	0.8750	0.7446	0.4558
tvnews10%			0.8797	0.1203	0.8723	0.7440	0.5052
ur3_cobotops_grip			0.9401	0.0599	0.6491	0.2832	0.5786
ur3_cobotops_stop			0.9646	0.0354	0.8086	0.5999	0.5529
urban			0.7313	0.0597	0.7217	0.6839	0.2007
urinalysis			0.9091	0.0909	0.5939	0.1871	0.6495
ustilago10%			0.9130	0.0870	0.6068	0.0937	0.2401
vehicle			0.7381	0.1310	0.7180	0.6495	0.2293
vehicleVAN			0.9762	0.0238	0.9701	0.9385	0.2027
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.4141	0.1065	0.4463	0.3556	0.3123
vowelZ			0.8990	0.1010	0.4734	-0.0185	0.5421
vrnormat310k-hg16-17			0.8606	0.1394	0.7271	0.4147	0.6142
wap-wc			0.3397	0.0660	0.2556	0.2689	0.3409
warpar10p			0.7692	0.0462	0.7830	0.7417	0.0830
warppie10p			0.7619	0.0476	0.7582	0.7348	0.1060
watch-acc1%			0.5885	0.1176	0.6220	0.5199	0.4155
watch-gyr1%			0.2714	0.2082	0.3155	0.1456	0.5998
water_pollution			0.2267	0.3867	0.2266	-0.0319	0.8780
waveform			0.7980	0.1347	0.7993	0.6969	0.4268
weather-related			0.7135	0.0521	0.7750	0.6747	0.1961
web-phishing			0.8074	0.1284	0.7611	0.6609	0.4692
weight-lift			0.7819	0.0872	0.7853	0.7252	0.3158
white-clover			0.3333	0.6667	0.3750	-0.2000	0.9308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wifi-loc			0.9650	0.0175	0.9652	0.9533	0.0727
wilt			0.9855	0.0145	0.9249	0.8495	0.3221
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.3648	0.2117	0.2094	0.0786	0.8308
winequality-white			0.3088	0.1975	0.2372	0.1256	0.6755
winnipeg10%			0.9156	0.0241	0.9309	0.8928	0.1058
wisc_bc			0.9825	0.0175	0.9813	0.9619	0.0848
yale			0.5625	0.0583	0.5250	0.5333	0.1093
yeast			0.3919	0.1216	0.2741	0.2425	0.5676
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.7155	0.4272	0.5783
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9257	0.0743	0.6143	0.2277	0.6322
zip			0.8204	0.0359	0.8026	0.7988	0.2231

Table 211: Detailed results for RULES

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1631	0.0577	0.0927	0.0830	0.5601
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9778	0.0222	0.5671	0.1141	0.5477
accident		0.5000	0.5000	0.5000	0.0000	1.0000
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID1284red		0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered		0.6500	0.3500	0.3939	-0.0938	0.8482
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
aids		0.8451	0.1549	0.7862	0.5718	0.6398
alcohol		0.7524	0.0990	0.4528	0.3494	0.2932
all-aml		0.5000	0.5000	0.5000	0.0000	0.9298
alzheimers		0.6465	0.3535	0.5481	0.0512	0.7535
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9388	0.0306	0.8990	0.8813	0.1501
anxiety		0.1583	0.1870	0.1539	0.0519	0.7982
apple-quality		0.7925	0.2075	0.7936	0.5850	0.6716
arcene		0.7000	0.3000	0.6803	0.3182	0.7426
arrhythmia		0.5556	0.0684	0.1823	0.3455	0.4785
auction		0.9363	0.0637	0.8440	0.6763	0.4032
audit-risk		0.9359	0.0641	0.9336	0.8669	0.3283
autism-adolescent		0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult		0.9714	0.0286	0.9639	0.9278	0.2035
autism-child		0.8966	0.1034	0.8971	0.7924	0.4312
autos		0.9000	0.0333	0.7526	0.8667	0.0771
avila		0.5601	0.0733	0.5141	0.3543	0.4599
babies		0.4194	0.1659	0.1978	0.1201	0.5984
balance		0.8065	0.1290	0.5620	0.6381	0.3065
banknote		0.9854	0.0146	0.9852	0.9704	0.1045
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%		0.9856	0.0010	0.0342	-0.0004	0.1018
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
breast-cancer		0.5357	0.4643	0.4516	-0.0964	0.9426
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.3636	0.6364	0.3446	-0.3051	1.0000
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
cad		0.8667	0.1333	0.8429	0.6364	0.3064
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
car		0.8793	0.0603	0.5994	0.7183	0.2175
cardiovascular		0.6304	0.3696	0.6310	0.2608	0.8972
cargo2k		0.8655	0.0897	0.8712	0.7972	0.2358
cars		0.7750	0.1500	0.6951	0.5730	0.4877
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9186	0.0814	0.4788	-0.0203	0.5749
chrom19		0.9991	0.0009	0.6823	0.1162	0.0481
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9993	0.0007	0.8240	0.6467	0.4092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
churn-bigml		0.8352	0.1648	0.5425	0.0596	0.7019
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6429	0.2381	0.4377	0.3062	0.4619
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.3333	0.4444	0.2600	-0.0909	0.6424
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.4626	0.3583	0.4349	0.1530	0.7761
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		0.7000	0.0400	0.6188	0.6689	0.1535
colon-tumor		0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1		0.6207	0.3793	0.5271	0.0478	0.9158
colposcopies-2		0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3		0.6552	0.3448	0.6372	0.2714	0.8780
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6		0.5172	0.4828	0.5145	0.0287	0.9882
colposcopies-c		0.7586	0.2414	0.6545	0.3072	0.7986
column-2c		0.7419	0.2581	0.6910	0.3769	0.7874
column-3c		0.7097	0.1935	0.6729	0.5122	0.4571
crabs		0.8000	0.1000	0.8140	0.7333	0.2118
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.1875	0.0406	0.1169	0.1688	0.1188
customer-churn		0.9788	0.0212	0.6563	0.2747	0.4831
cybersecurity		0.1733	0.2756	0.1779	0.0077	0.8702
cylinder-bands		0.7222	0.2778	0.7126	0.4223	0.7914
darwin		0.5000	0.5000	0.5000	0.0000	0.9808
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
defect		0.8426	0.1574	0.6142	0.0562	0.4060
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
dermatology		0.8378	0.0541	0.8197	0.7980	0.1478
desharnais		0.7500	0.1667	0.5333	0.4074	0.2614
dexter		0.7000	0.3000	0.7018	0.4000	0.8117
df_final		0.6875	0.2083	0.5238	0.5000	0.3294
diabetes		0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-risk		0.9023	0.0977	0.8486	0.6968	0.5118
diabetic1%		0.5784	0.2810	0.4774	0.2451	0.6947
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8500	0.0750	0.8104	0.7903	0.2327
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.6250	0.3750	0.3846	-0.2000	0.9438
dlbcl-nih		0.5417	0.4583	0.5078	0.0149	0.9759
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
drug-01		0.2979	0.2006	0.1398	0.0052	0.8552
drug-02		0.4202	0.1657	0.1916	0.0936	0.8542
drug-03		0.6649	0.0957	0.1459	0.0792	0.4562
drug-04		0.4255	0.1641	0.1742	0.0695	0.7587
drug-05		0.6915	0.0881	0.1357	-0.0153	0.6144
drug-06		0.2713	0.2082	0.2026	0.1176	0.8165
drug-07		0.3830	0.1763	0.1467	0.0359	0.6549
drug-08		0.4574	0.1550	0.1646	0.0589	0.8425
drug-09		0.8457	0.0441	0.1309	-0.0267	0.3373
drug-10		0.4840	0.1474	0.2033	0.0849	0.6715
drug-11		0.8457	0.0441	0.1309	-0.0063	0.2293
drug-12		0.7606	0.0684	0.1234	-0.0363	0.4821

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-13		0.5745	0.1216	0.2020	0.1988	0.5366
drug-14		0.4574	0.1550	0.1501	0.0584	0.6699
drug-15		0.7181	0.0805	0.1868	0.0331	0.5204
drug-16		0.5372	0.1322	0.2378	0.2254	0.6681
drug-17		0.3032	0.1991	0.2064	0.0815	0.8151
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7500	0.0714	0.2003	0.1072	0.4830
ecoli		0.7647	0.0588	0.3890	0.6707	0.1484
ecoliCP-IM		0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM		0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2900	0.3550	0.2901	0.0523	0.8295
eeg-eye		0.5574	0.4426	0.5469	0.0208	0.6329
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5479	0.1808	0.5016	0.4212	0.4462
fakenews		0.5275	0.4725	0.5281	0.0559	0.9811
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5882	0.4118	0.5799	0.1587	0.9396
fishcatch		0.8125	0.0625	0.8486	0.7659	0.1160
flags		0.2000	0.2000	0.0417	-0.1268	0.4287
forest		0.7500	0.1250	0.7465	0.6569	0.3381
gastrointestinal		0.5000	0.3333	0.3844	0.1847	0.6480
gender		0.5874	0.2751	0.3653	0.1061	0.5172
german		0.6600	0.3400	0.5868	0.1521	0.8562
glass		0.7143	0.0952	0.5865	0.5935	0.1716
glass-g2		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.8095	0.1905	0.8372	0.6250	0.4822
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.6250	0.3750	0.3846	-0.2000	0.9438
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.7976	0.2024	0.7918	0.5678	0.6272
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.2667	0.3667	0.2163	-0.0248	0.6078
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
har70		0.7671	0.0665	0.5075	0.6286	0.2076
har701%		0.8102	0.0542	0.4816	0.7218	0.1970
har7010%		0.8228	0.0506	0.5214	0.7383	0.2185
harth1%		0.7620	0.0397	0.4277	0.6758	0.2588
harth10%		0.7154	0.0474	0.3718	0.5935	0.2695
hayes-roth		0.6875	0.2083	0.7612	0.5152	0.3343
hcc-survival		0.5882	0.4118	0.5502	0.0916	0.9258
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7037	0.2963	0.6866	0.3684	0.8172
heart-attack		0.7419	0.2581	0.7448	0.4855	0.7510
heart-c		0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure		0.9700	0.0300	0.9650	0.9298	0.1847
heart-quantum		0.8600	0.1400	0.8604	0.7154	0.5305
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higher		0.3571	0.1607	0.3274	0.2364	0.3443

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.6562	0.3438	0.6539	0.3071	0.8734
ht-sensor10%		0.9080	0.0614	0.9081	0.8616	0.2506
htru2		0.9754	0.0246	0.9228	0.8428	0.2393
ilpd		0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy		0.5556	0.4444	0.3571	-0.2857	0.9011
instagram		0.9453	0.0273	0.9454	0.9271	0.1090
ionosphere		0.9429	0.0571	0.9404	0.8736	0.2987
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
kc1-class-level-numericdefect		0.6923	0.1231	0.3609	0.2353	0.3183
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8654	0.1346	0.7817	0.5517	0.5823
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kidney-disease		0.9250	0.0750	0.9226	0.8333	0.2345
krkopt		0.4307	0.0633	0.3986	0.3544	0.5068
labor		0.5000	0.5000	0.3333	-0.2857	1.0000
leaf		0.3824	0.0309	0.2167	0.3568	0.1254
led24		0.6000	0.0800	0.5333	0.5518	0.1799
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
leukemia		0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.5833	0.0556	0.5867	0.5522	0.1765
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9991	0.0009	0.9365	0.8644	0.0049
linkage10%		0.9999	0.0001	0.9903	0.9805	0.0010
liver		0.6176	0.3824	0.5735	0.1467	0.9099
loan		0.9344	0.0656	0.9299	0.8587	0.3170
lrs		0.7547	0.0491	0.3736	0.6572	0.1905
lung		0.7619	0.0952	0.4860	0.4615	0.2832
lung_discrete		0.3750	0.1786	0.2143	0.2000	0.1793
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.7500	0.1000	0.4688	0.3631	0.3052
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.6667	0.3333	0.6582	0.3077	0.8482
lymphography		0.8571	0.0714	0.6830	0.7500	0.1548
machine-failure		0.9043	0.0957	0.9011	0.8021	0.4231
magic04		0.8159	0.1841	0.7970	0.5939	0.6547
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8125	0.1875	0.8157	0.6265	0.6250
maternal		0.7822	0.1452	0.7884	0.6690	0.4313
math		0.7000	0.1500	0.6573	0.5493	0.5351
mental-disorders		0.6667	0.1667	0.7059	0.5556	0.3232
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		0.8889	0.0741	0.8730	0.8235	0.1114
mfeat-mor		0.6900	0.0620	0.6904	0.6556	0.2187
milk		0.9434	0.0377	0.9337	0.9131	0.1271
mines		0.3529	0.2588	0.3210	0.1744	0.5445
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.8197	0.1803	0.7952	0.5866	0.6379
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
myocardial		0.8529	0.0368	0.2763	0.3196	0.4638
NCI60		0.5000	0.1667	0.4000	0.4000	0.1569
neo		0.9079	0.0921	0.6489	0.1514	0.3901

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.9211	0.8293	0.4011
NHANES_age_prediction		0.9604	0.0396	0.9237	0.8462	0.2902
NPHA-doctor-visits		0.4722	0.3519	0.4347	0.1065	0.7613
nursery		0.9823	0.0071	0.7387	0.9738	0.0264
obesity		0.7725	0.0650	0.7670	0.7344	0.2702
occupancy		0.9898	0.0102	0.9859	0.9716	0.1167
Occupancy_Estimation		0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc		0.5743	0.0851	0.5732	0.5160	0.3981
oh10-wc		0.4857	0.1029	0.4448	0.4150	0.4824
oh15-wc		0.5326	0.0935	0.4974	0.4665	0.4123
oh5-wc		0.5165	0.0967	0.5115	0.4489	0.4110
olive		0.8421	0.0351	0.8364	0.8005	0.1402
orlraws10P		0.4000	0.1200	0.2880	0.3333	0.1752
ovarian-cancer		0.7200	0.2800	0.6894	0.3772	0.8106
page-blocks		0.9506	0.0197	0.7559	0.6893	0.2322
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons-small		0.8947	0.1053	0.8914	0.7595	0.4308
pasture		0.2500	0.5000	0.1667	-0.0909	0.3508
pc1		0.9099	0.0901	0.4764	-0.0297	0.6428
pcos		0.9967	0.0033	0.9948	0.9895	0.0185
pd		0.8158	0.1842	0.7285	0.4286	0.6452
pediatric-leukemia		0.1765	0.2353	0.1177	-0.0160	0.6935
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
pet-adoption		0.7050	0.2950	0.6371	0.2556	0.8186
phoneme		0.8630	0.1370	0.8313	0.6626	0.5782
pima		0.6842	0.3158	0.6628	0.3234	0.8489
plant-growth		0.4211	0.5789	0.4252	-0.1421	1.0000
plrx		0.6111	0.3889	0.4834	-0.0328	0.9365
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc		0.6029	0.3971	0.6041	0.2059	0.9196
prestige		0.6667	0.2222	0.6655	0.4906	0.4321
primary-tumor		0.3636	0.0579	0.1391	0.2848	0.2420
profb		0.6119	0.3881	0.5025	0.0046	0.9365
promoters		0.7000	0.3000	0.7143	0.2857	0.4644
prostate		0.5714	0.4286	0.5310	0.0455	0.8750
prostate_GE		0.3636	0.6364	0.3446	-0.3051	1.0000
pulsar		0.9792	0.0208	0.9358	0.8694	0.2024
raisin		0.8667	0.1333	0.8670	0.7333	0.5178
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		0.9437	0.0563	0.9466	0.8876	0.2382
rice		0.9841	0.0159	0.9839	0.9678	0.1121
rnaseq		0.8250	0.0700	0.8248	0.7647	0.2144
satimageF		0.9829	0.0171	0.9549	0.9090	0.1719
scadi		0.7143	0.0816	0.4099	0.5882	0.1018
schiller		0.8889	0.1111	0.8333	0.6087	0.2605
schizo		0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
seeds		0.8571	0.0952	0.8660	0.7857	0.2176
segment		0.9004	0.0284	0.9075	0.8837	0.1321
segmentO		0.9870	0.0130	0.9738	0.9463	0.0533
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shuttle		0.9762	0.0068	0.8354	0.9333	0.1731
sirtuin6		0.8000	0.2000	0.8000	0.6000	0.6644
skin		0.9961	0.0039	0.9942	0.9883	0.0596
skin10%		0.9951	0.0049	0.9926	0.9852	0.0708
smarket		0.7840	0.2160	0.7838	0.5676	0.6935

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
smart-farming		0.3400	0.3300	0.3417	0.1242	0.7556
smk_can_187		0.5789	0.4211	0.5748	0.1461	0.9386
solar-flare		0.7698	0.0767	0.6846	0.7055	0.2287
sonar		0.6000	0.4000	0.6094	0.2000	0.8750
spam-detection		0.9530	0.0470	0.8541	0.7072	0.4429
spect		0.7912	0.2356	0.6305	0.2581	0.7904
spectf		0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer		0.1887	0.0338	0.0851	0.1458	0.2360
squash-stored		0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored		0.6000	0.2667	0.4375	0.3333	0.2250
startup		0.9892	0.0108	0.9885	0.9767	0.0905
steel-b		0.7846	0.2154	0.6097	0.1925	0.7573
steel-d		0.9744	0.0256	0.7333	0.2794	0.0817
steel-k		0.9641	0.0359	0.9443	0.8823	0.1215
steel-p		0.9128	0.0872	0.5721	0.0815	0.5290
steel-s		0.9692	0.0308	0.7646	0.3900	0.0945
steel-z		0.9179	0.0821	0.7218	0.2529	0.1967
stock		0.8681	0.1319	0.7559	0.5018	0.6136
stockb		0.8238	0.1175	0.8342	0.7359	0.2541
streaming		0.9120	0.0880	0.9128	0.8234	0.3906
stress		0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle		0.4650	0.2140	0.3029	0.1767	0.6058
student-habits		0.3100	0.2760	0.2191	0.0052	0.8439
student-weekend		0.2923	0.2831	0.1820	0.0103	0.8248
student-workday		0.6562	0.1375	0.1631	0.0290	0.4905
studentap		0.4615	0.3590	0.4598	0.1727	0.7242
tae		0.7333	0.1778	0.7357	0.6000	0.4205
Thyroid_Diff		0.8421	0.1579	0.8001	0.5943	0.6041
tic-tac-toe		0.9579	0.0421	0.9535	0.9028	0.1545
titanic		0.8182	0.1818	0.7934	0.5163	0.4251
tourist		0.7500	0.0833	0.4375	0.6364	0.0941
tox_171		0.4118	0.2941	0.4550	0.2202	0.4846
toxicity		0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f		0.8235	0.1765	0.8152	0.5641	0.3671
trains		1.0000	0.0000	1.0000	1.0000	0.0000
transfusion		0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc		0.5122	0.1084	0.5123	0.3908	0.3703
trec12-wc		0.6774	0.0806	0.5723	0.6051	0.2297
trec21-wc		0.6970	0.1010	0.2358	0.1033	0.3156
trec23-wc		0.6667	0.1111	0.4841	0.5017	0.2696
trec31-wc		0.7097	0.0968	0.5282	0.6039	0.4086
trec41-wc		0.7727	0.0455	0.6661	0.7203	0.2577
trec45-wc		0.6522	0.0696	0.5720	0.5845	0.2873
turkish		0.5250	0.2375	0.5395	0.3667	0.5277
urban		0.6418	0.0796	0.6160	0.5833	0.3206
vehicle		0.6667	0.1667	0.6394	0.5542	0.3574
vehicleVAN		0.8690	0.1310	0.8143	0.6071	0.4989
voice		0.6667	0.3333	0.4000	0.0000	0.4644
vote		0.7209	0.2791	0.7259	0.4440	0.7711
vowel		0.4545	0.0992	0.4790	0.4000	0.3060
vowelZ		0.8990	0.1010	0.6625	0.3210	0.6623
warpar10p		0.3077	0.1385	0.2500	0.2252	0.2379
web-phishing		0.8741	0.0840	0.8440	0.7773	0.3656
Weekly		0.9630	0.0370	0.9630	0.9253	0.2123
white-clover		0.6667	0.1667	0.3125	0.2500	0.3385
wifi-loc		0.9850	0.0075	0.9852	0.9800	0.0343
wilt		0.9503	0.0497	0.4873	0.0000	0.1349
wine		0.7647	0.1569	0.6921	0.6000	0.3541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
winequality-red		0.6604	0.1132	0.3215	0.4634	0.4624
winequality-white		0.5910	0.1169	0.3378	0.3828	0.6468
wisc_bc		0.9298	0.0702	0.9272	0.8521	0.3517
yeast		0.4797	0.1041	0.3778	0.3335	0.4449
yeastCYT-POX		0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC		0.9797	0.0203	0.7662	0.3934	0.0680
yeastME1		0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2		0.9595	0.0405	0.7170	0.3825	0.4343

Table 212: Detailed results for RVC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1847	0.0562	0.0797	0.0847	0.4076
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5730	0.1000	0.8046
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.5307	0.1564	0.6351	0.4368	0.2715
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.8090	0.0764	0.6573	0.4614	0.1521
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.8261	0.0869	0.5777	0.6292	0.2238
anuran-genus		0.8748	0.0313	0.5728	0.7845	0.2220
anuran-species		0.8292	0.0342	0.7821	0.7396	0.1325
anxiety		0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality		0.5700	0.4300	0.6168	0.1400	0.6939
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arcene		0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia		0.6222	0.0756	0.2494	0.2064	0.2277
auction		0.8676	0.1324	0.5554	0.0437	0.5248
audiology		0.6087	0.0326	0.2749	0.5400	0.1126
audit-risk		0.9487	0.0513	0.9477	0.8941	0.2779

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		0.9857	0.0143	0.9820	0.9633	0.0649
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6000	0.1333	0.4717	0.4425	0.2580
avila		0.4959	0.0840	0.3797	0.2027	0.3507
babies		0.4113	0.1682	0.2098	0.0889	0.3881
balance		0.9194	0.0538	0.8659	0.8520	0.1706
bank		0.8878	0.1122	0.6556	0.0076	0.2421
banknote		0.9927	0.0073	0.9927	0.9852	0.0474
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8548	0.1452	0.8414	0.6678	0.5016
basehock		0.6583	0.3417	0.6678	0.3177	0.8239
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.7714	0.2286	0.7544	0.4750	0.6429
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
body-perf		0.4075	0.2963	0.4534	0.2099	0.6038
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.5455	0.4545	0.5222	0.0351	0.9096
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.6364	0.1212	0.5128	0.5600	0.1301
bridges		0.7000	0.0857	0.4000	0.4828	0.1667
cad		0.7333	0.2667	0.6636	0.3220	0.8094
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7529	0.1236	0.3947	0.3502	0.3254
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.7246	0.2754	0.7131	0.4212	0.7845
cardiotocography		0.6620	0.0676	0.6393	0.5836	0.3459
cardiotocography-nsp		0.8498	0.1002	0.6733	0.4552	0.2447
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9924	0.0051	0.9923	0.9886	0.0284
cars		0.6750	0.2167	0.5144	0.3131	0.5201
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.6144	0.3856	0.6122	0.2243	0.9161
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5905	0.4095	0.5846	0.1677	0.9359
cas_N6512_rdkit_LAYERED		0.5738	0.4262	0.5637	0.1150	0.9151
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.6068	0.3932	0.6265	0.2328	0.8580
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.6123	0.3877	0.6195	0.2331	0.8965
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.5791	0.4209	0.5812	0.1612	0.9393
cas_N6512_rdkit_TORSION		0.6092	0.3908	0.6041	0.1891	0.8759
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9752	0.0248	0.8305	0.6136	0.1935

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.4170	0.2915	0.2723	0.0204	0.3338
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6632	0.3368	0.6166	0.1876	0.7901
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.4989	0.4628	0.3973
cjs		0.7071	0.0976	0.6253	0.6348	0.2810
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7500	0.1250	0.4237	0.5844	0.2442
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7090	0.4894	0.4675
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5306	0.3129	0.5083	0.2291	0.6374
cnae-9		0.3426	0.1461	0.4317	0.2604	0.3940
codon_usage		0.2402	0.1381	0.1538	0.0291	0.3152
coil20		0.6319	0.0368	0.6233	0.6126	0.1982
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.4800	0.0693	0.4619	0.4235	0.2738
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4		0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.8065	0.1935	0.7786	0.5571	0.6825
column-3c		0.7419	0.1720	0.6835	0.5694	0.3644
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
cottonmeloidogyne		0.4952	0.5048	0.3312	0.0000	0.5289
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covtypeCD		0.8832	0.1168	0.7044	0.2416	0.3282
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.5500	0.2250	0.5522	0.4000	0.2679
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8700	0.0433	0.7011	0.7106	0.2114
cryotherapy		0.7778	0.2222	0.7750	0.5500	0.7072
cultivars		0.1875	0.0406	0.1364	0.1672	0.1225
customer-churn		0.9796	0.0204	0.6687	0.0188	0.0680
cybersecurity		0.1600	0.2800	0.0462	-0.0202	0.4845
cyclopentane		0.5556	0.4444	0.3571	0.0000	0.5164
cylinder-bands		0.7037	0.2963	0.6920	0.3730	0.8001
darwin		0.6667	0.3333	0.6710	0.3333	0.8394
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7847	0.2153	0.6445	0.0410	0.3829
defect		0.8395	0.1605	0.4564	0.0000	0.3070

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.9459	0.0180	0.9505	0.9322	0.0563
desharnais		0.5000	0.3333	0.3901	0.1579	0.6489
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.3077	0.0000	0.5570
DIA		0.7833	0.2167	0.6918	0.1875	0.3769
diabetes		0.8269	0.1731	0.8144	0.6238	0.6056
diabetes-100k		0.0850	0.9150	0.0783	0.0000	0.2073
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%		0.5392	0.3072	0.3177	0.0490	0.4897
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8167	0.0917	0.6493	0.7396	0.1788
dishonest		0.8438	0.1562	0.8212	0.5789	0.3360
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9304	0.0696	0.7608	0.4682	0.4114
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.6998	0.2001	0.5148	0.4558	0.3779
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1479	0.0291	0.2442
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.2313	0.2563	0.4919
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5372	0.1322	0.1163	0.0146	0.3627
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5638	0.1246	0.2287	0.1554	0.3474
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6117	0.1109	0.1661	0.1894	0.3239
drug-14		0.5851	0.1185	0.2604	0.1862	0.3757
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5798	0.1201	0.2026	0.2398	0.3648
drug-17		0.3617	0.1824	0.1682	0.1097	0.5034
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9037	0.0275	0.9151	0.8836	0.1551
ecoli		0.8529	0.0368	0.5425	0.7914	0.0946
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2500	0.3750	0.1000	0.0000	0.4041
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.1506	0.1062	0.0784	0.0161	0.4191
eucalyptus		0.4932	0.2027	0.4690	0.3370	0.5286
euthyroid		0.9177	0.0823	0.7126	0.2901	0.3305
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
farm-ads		0.5773	0.4227	0.5826	0.1620	0.9329
fbis-wc		0.4878	0.0603	0.3140	0.4019	0.3993
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4902	0.5098	0.4428	-0.0887	0.9692
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.6000	0.1143	0.3668	0.4872	0.2746
forest		0.8462	0.0769	0.8229	0.7873	0.2587
gas		0.6873	0.1042	0.6878	0.6221	0.3706
gastrointestinal		0.5000	0.3333	0.3638	0.1409	0.5747
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.6404	0.2397	0.5844	0.3458	0.5084
german		0.5700	0.4300	0.4219	-0.1140	0.9523
gestures		0.2509	0.3746	0.1003	0.0000	0.4041
gina		0.5101	0.4899	0.3378	0.0000	0.5269
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6667	0.1111	0.5612	0.5149	0.2439
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.7619	0.2381	0.7388	0.3478	0.4125
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.8571	0.1429	0.7918	0.5772	0.5973
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7360	0.4693	0.7643
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8214	0.1786	0.8157	0.6311	0.6282
green		0.6000	0.4000	0.3750	-0.1765	0.9528
grub-damage		0.3333	0.3333	0.3913	0.0741	0.5455
gsalc		0.8889	0.0370	0.8046	0.8615	0.0466
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.2966	0.2813	0.2527	0.0206	0.4125
har701%		0.7858	0.0612	0.4536	0.6589	0.1990
hayes-roth		0.3125	0.4583	0.3379	-0.1139	0.7037
hcc-survival		0.5882	0.4118	0.6071	0.2013	0.8825
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.8333	0.1667	0.8326	0.6637	0.5926
heart-failure		0.6900	0.3100	0.6331	0.0174	0.4497
heart-quantum		0.7000	0.3000	0.7143	0.2857	0.4644
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.5864	0.4136	0.5811	0.1581	0.9318
higher		0.4286	0.1429	0.3314	0.3043	0.2183
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.4375	0.5625	0.4303	-0.1383	1.0000
hiv1-proteasa		0.8465	0.1535	0.6798	0.1645	0.3603
hiva		0.9669	0.0331	0.6916	0.1211	0.0993
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
htru2		0.9665	0.0335	0.8929	0.7806	0.3019
hypothyroid		0.9257	0.0371	0.4284	0.3178	0.1628

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hypothyroidT		0.9390	0.0610	0.7437	0.3251	0.1589
ilpd		0.7288	0.2712	0.6129	0.1631	0.7196
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.4820	0.2590	0.5050	0.3093	0.4491
ionosphere		0.7714	0.2286	0.7348	0.4697	0.7459
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.8400	0.1600	0.8372	0.6721	0.5768
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8127	0.1873	0.6148	0.1269	0.5731
jvowels		0.7721	0.0506	0.7668	0.7414	0.2764
kc1		0.8815	0.1185	0.7373	0.3939	0.4458
kc1-class-level-defectiveornot		0.6667	0.3333	0.6944	0.3590	0.7690
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kepler		0.5941	0.2706	0.4860	0.2035	0.4122
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9500	0.0500	0.9479	0.8904	0.1808
krkopt		0.2332	0.0852	0.2692	0.0999	0.4615
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc		0.4254	0.1915	0.2775	0.2063	0.4424
la2s-wc		0.4007	0.1998	0.3465	0.1926	0.5785
labor		0.8333	0.1667	0.8182	0.5714	0.3522
leaf		0.5294	0.0235	0.3051	0.5099	0.1115
led24		0.4500	0.1100	0.4371	0.3838	0.2756
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.2610	0.0568	0.3969	0.2311	0.3697
leukemia		0.7143	0.1905	0.5714	0.5625	0.1509
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.5833	0.0556	0.5755	0.5519	0.1655
linkage1%		0.9988	0.0012	0.9088	0.7994	0.0065
liver		0.6765	0.3235	0.6218	0.2429	0.8721
loan		0.6347	0.3653	0.6316	0.0384	0.4854
localization10%		0.4496	0.1001	0.1886	0.2182	0.4115
lrs		0.3962	0.1208	0.0568	0.0000	0.2643
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		0.7778	0.0741	0.6496	0.6842	0.0899
machine-failure		0.7660	0.2340	0.7736	0.4791	0.5259
madelon		0.5423	0.4577	0.5423	0.0846	0.9737
magic04		0.7680	0.2320	0.7356	0.4621	0.7249
malware		0.8378	0.1622	0.7040	0.2128	0.3145
mammography		0.8125	0.1875	0.8125	0.6245	0.6395
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6238	0.2508	0.6199	0.4294	0.5327
math		0.4250	0.2875	0.1491	0.0000	0.3351
mba		0.8387	0.1075	0.3880	0.0399	0.2462
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.6000	0.4000	0.6038	0.2045	0.9130
meter-A		0.3750	0.6250	0.4248	-0.1111	0.9210
meter-B		0.8889	0.0741	0.8730	0.8235	0.1114
meter-C		0.3333	0.3333	0.3281	0.0609	0.5139
meter-D		0.5556	0.2222	0.5984	0.3712	0.3079
mfeat-fac		0.8600	0.0280	0.8593	0.8444	0.1470
mfeat-fou		0.5750	0.0850	0.5808	0.5278	0.3618
mfeat-kar		0.8250	0.0350	0.8290	0.8056	0.1924
mfeat-mor		0.6750	0.0650	0.6788	0.6389	0.2142
mfeat-pix		0.7800	0.0440	0.7966	0.7556	0.2111
mfeat-zer		0.6650	0.0670	0.6731	0.6278	0.2816
mice-prot		0.6111	0.0972	0.6273	0.5539	0.3447
milk		0.5377	0.3082	0.6048	0.2431	0.4060
mines		0.5000	0.2000	0.4437	0.3669	0.4466
mobile		0.4441	0.0199	0.4414	0.4339	0.2409
monks-1		0.5636	0.4364	0.5653	0.1293	0.9524
monks-2		0.6885	0.3115	0.6627	0.1213	0.4570
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.8610	0.1390	0.8681	0.7196	0.4576
music		0.2822	0.1305	0.1814	0.0169	0.3985
musk		0.8636	0.1364	0.6862	0.2039	0.3758
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.6240	0.3760	0.5957	0.1536	0.8265
MUT_ci300400a_cdk_ECFP6		0.6299	0.3701	0.6303	0.2577	0.8880
MUT_ci300400a_cdk_ESTATE		0.6295	0.3705	0.6119	0.2219	0.9055
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.6659	0.3341	0.6487	0.2576	0.7865
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.6391	0.3609	0.6223	0.2427	0.8958
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.5739	0.4261	0.3646	0.0000	0.5103
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.8238	0.0185	0.2206	0.3077	0.1180
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9524	0.0317	0.9026	0.8939	0.0573
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0725	0.0422	0.0031	0.0000	0.4045
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		0.9031	0.0969	0.8072	0.6105	0.5419
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5139	0.3241	0.2263	-0.0223	0.4554
nursery		0.5802	0.2099	0.4812	0.3800	0.5442
obesity		0.2701	0.2085	0.2820	0.1280	0.4107
obs		0.6204	0.1898	0.6389	0.4261	0.4611
occupancy		0.9679	0.0321	0.9573	0.9127	0.2603
Occupancy_Estimation		0.8875	0.0563	0.5839	0.6418	0.2166
oh0-wc		0.5545	0.0891	0.5177	0.4812	0.4057
oh10-wc		0.4000	0.1200	0.3359	0.3089	0.5274
oh15-wc		0.5000	0.1000	0.4981	0.4245	0.4363
oh5-wc		0.4396	0.1121	0.4096	0.3597	0.5044
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
olive			0.9123	0.0195	0.8353	0.8898	0.0492
opn310k10%			0.9104	0.0896	0.4765	-0.0019	0.2753
optdigits			0.8203	0.0359	0.8280	0.8002	0.1997
optdigitsZ			0.9786	0.0214	0.9311	0.8523	0.0745
orl			0.7250	0.0138	0.6901	0.7179	0.0493
orlraws10P			0.8000	0.0400	0.7652	0.7778	0.0600
ovarian-cancer			0.8000	0.2000	0.7787	0.5552	0.6777
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9091	0.0909	0.4762	-0.0268	0.6225
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7526	0.2474	0.7244	0.4489	0.7673
P-Glycoprotein_c_RDkit_AtomPair_FP			0.7698	0.2302	0.7699	0.5392	0.7167
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9159	0.0336	0.3603	0.2737	0.1615
parkinson			0.8833	0.1167	0.8787	0.7570	0.4817
parkinsons			0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle10%			0.7192	0.2808	0.4183	0.0000	0.4269
pasture			0.5000	0.3333	0.5000	0.2000	0.3750
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			0.8933	0.1067	0.8244	0.5833	0.2500
pd			0.8421	0.1579	0.7770	0.5472	0.6265
pediatric-leukemia			0.5000	0.1429	0.3551	0.3662	0.3852
pendigits			0.8371	0.0326	0.8401	0.8190	0.1802
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.8327	0.1673	0.8222	0.6402	0.5937
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.3116	0.1967	0.3045	0.1942	0.6575
phone-gyr0.1%			0.3022	0.1994	0.2692	0.1799	0.5935
phoneme			0.7722	0.2278	0.6963	0.2815	0.5405
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7632	0.2368	0.7482	0.4738	0.6848
pirvision			0.8929	0.0714	0.7281	0.5666	0.2149
placement			0.6740	0.3260	0.6961	0.2523	0.5222
plant-growth			0.5789	0.4211	0.6481	0.1163	0.5164
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th			0.9323	0.0677	0.6695	0.0445	0.1696
polya			0.7038	0.2962	0.6592	0.3053	0.8174
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6913	0.3824	0.8319
prestige			0.6667	0.2222	0.5556	0.4490	0.2851
primary-tumor			0.5455	0.0413	0.2355	0.4806	0.1764
profb			0.6567	0.3433	0.3964	-0.0294	0.6595
promoters			0.6000	0.4000	0.5519	0.0909	0.9071
prostate			0.5714	0.4286	0.5310	0.0455	0.8750
prostate_GE			0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio10%			0.6777	0.1289	0.5906	0.5513	0.3927
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pulsar			0.9170	0.0830	0.6936	0.1837	0.2503
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%			0.2444	0.0369	0.0274	0.0029	0.3156
re0-wc			0.6200	0.0585	0.4626	0.4447	0.3267
re1-wc			0.4699	0.0424	0.2949	0.3572	0.3392
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.9875	0.0050	0.9896	0.9834	0.0178
rocket			0.5936	0.4064	0.5479	0.0813	0.9011
satimage			0.7854	0.0715	0.7619	0.7343	0.2730
satimageF			0.9798	0.0202	0.9463	0.8910	0.1828
satimageT			0.9378	0.0622	0.8043	0.5462	0.2767
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5294	0.4706	0.5336	0.0588	0.9318
sclerosis			0.5556	0.4444	0.3571	0.0000	0.5164
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8485	0.0433	0.8556	0.8229	0.1976
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			0.9264	0.0736	0.8402	0.6414	0.2910
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			0.9560	0.0440	0.8671	0.7176	0.2916
sens-1-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
shoppers			0.8743	0.1257	0.7111	0.3555	0.5219
sick			0.9416	0.0584	0.6955	0.2501	0.3117
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin10%			0.9195	0.0805	0.8743	0.7471	0.4410
smarket			0.7680	0.2320	0.7680	0.5359	0.7209
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.6842	0.3158	0.6833	0.3667	0.8414
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.4532	0.1823	0.3784	0.2850	0.4820
sonar			0.5500	0.4500	0.5525	0.1000	0.9473
soybean			0.8824	0.0124	0.8732	0.8712	0.0645
spam-detection			0.9240	0.0760	0.7170	0.3475	0.4117
spambase			0.6043	0.3957	0.3767	0.0000	0.4981
spect			0.7407	0.2593	0.5488	0.0870	0.8344
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.3962	0.0252	0.1816	0.3522	0.2036
splice-EI			0.8013	0.1987	0.7034	0.3527	0.6273
splice-IE			0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles			0.8600	0.1400	0.8478	0.6893	0.5224
squash-stored			0.4000	0.4000	0.3030	0.0000	0.5733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-unstored			0.8000	0.1333	0.5385	0.5455	0.2005
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5345	0.3103	0.3749	0.0572	0.3998
steel-b			0.8000	0.2000	0.6492	0.2744	0.7315
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9538	0.0462	0.9273	0.8516	0.2615
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9744	0.0256	0.8122	0.6029	0.3542
steel-z			0.9487	0.0513	0.8423	0.6782	0.4205
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.9031	0.0646	0.9065	0.8547	0.1770
streaming			0.5520	0.4480	0.3557	0.0000	0.5174
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4850	0.2060	0.2654	0.0823	0.4160
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7188	0.1125	0.2655	0.0777	0.2017
studentap			0.5385	0.3077	0.5174	0.2778	0.6337
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.8545	0.0264	0.8679	0.8396	0.1467
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8684	0.1316	0.8407	0.6303	0.3018
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7836	0.2164	0.6593	0.2383	0.6278
titanic			0.8273	0.1727	0.8016	0.5483	0.4541
tourist			0.6250	0.1500	0.2894	0.4146	0.1775
tox_171			0.5294	0.2353	0.5238	0.3761	0.3920
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7733	0.2267	0.6300	0.2144	0.7208
trec11-wc			0.4146	0.1301	0.2058	0.1848	0.3151
trec12-wc			0.4516	0.1371	0.3490	0.2640	0.2878
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.5238	0.1587	0.3599	0.2446	0.3467
trec31-wc			0.6022	0.1326	0.5058	0.4193	0.3896
trec41-wc			0.5000	0.1000	0.2984	0.3500	0.3392
trec45-wc			0.4058	0.1188	0.3489	0.2805	0.3384
tuandromd			0.9013	0.0987	0.8357	0.6535	0.4358
turkish			0.6250	0.1875	0.6272	0.5000	0.5005
tvnews1%			0.7077	0.2923	0.6690	0.3131	0.7846
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9701	0.0299	0.6990	0.1496	0.0920
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7164	0.0630	0.7354	0.6663	0.1915
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vehicle			0.6429	0.1786	0.6268	0.5199	0.4899
vehicleVAN			0.7500	0.2500	0.5985	0.1600	0.7650
voice			0.7500	0.2500	0.7044	0.4000	0.7643
vote			0.9302	0.0698	0.9346	0.8608	0.2605
vowel			0.3434	0.1194	0.3518	0.2778	0.3329
vowelZ			0.9192	0.0808	0.7036	0.1852	0.1938
wap-wc			0.4295	0.0571	0.2622	0.3345	0.3372
warpar10p			0.6154	0.0769	0.5250	0.5695	0.1110
warppie10p			0.8571	0.0286	0.8663	0.8409	0.0651
watch-acc1%			0.3056	0.1984	0.3137	0.1642	0.4788
watch-gyr1%			0.2580	0.2120	0.2660	0.1342	0.5507
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.7880	0.1413	0.7899	0.6822	0.4315
weather-related			0.4135	0.1066	0.4034	0.2939	0.3734
web-phishing			0.8148	0.1235	0.7189	0.6517	0.3201
Weekly			0.9352	0.0648	0.9347	0.8679	0.3070
weight-lift			0.2922	0.2831	0.2400	0.0132	0.3932
white-clover			0.1667	0.4167	0.0714	-0.6667	0.3708
wifi-loc			0.9750	0.0125	0.9752	0.9667	0.0563
wilt			0.9503	0.0497	0.6325	0.1838	0.4551
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5849	0.1384	0.2694	0.3113	0.3809
winequality-white			0.5174	0.1609	0.2831	0.1989	0.4539
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.6316	0.3684	0.3871	0.0000	0.4848
yale			0.6250	0.0500	0.5981	0.5983	0.0952
yeast			0.4662	0.1068	0.3218	0.3093	0.4067
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9527	0.0473	0.6386	0.2055	0.4689
zip			0.1860	0.1628	0.1156	0.0239	0.3865

Table 213: Detailed results for RVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accident		0.6500	0.3500	0.6573	0.3000	0.8418
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9223	0.0777	0.4798	-0.0300	0.6529
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.7556	0.0489	0.5604	0.5722	0.2106
auction		0.9412	0.0588	0.8557	0.6836	0.2804
audiology		0.6818	0.0579	0.5789	0.6235	0.1596
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7588	0.8693	0.0929
babies		0.4677	0.1521	0.1794	0.1661	0.4648
balance		0.9677	0.0215	0.9490	0.9429	0.1426
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
biodeg		0.9048	0.0952	0.9003	0.8000	0.4323
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
breast-cancer		0.6786	0.3214	0.4043	-0.0678	0.7870
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.5880	0.6598	0.1537
bridges		0.9000	0.0286	0.7022	0.8485	0.0526
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
car		0.9713	0.0144	0.9665	0.9391	0.1483
card		0.9130	0.0870	0.9108	0.8216	0.3987
cardiotocography		0.8451	0.0310	0.8116	0.8140	0.1883
cardiotocography-nsp		0.9296	0.0469	0.8702	0.7998	0.2661
cars		0.8000	0.1333	0.7071	0.6343	0.3362
central-nervous-system		1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9884	0.0116	0.9307	0.8512	0.0446
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
churn-bigml		0.9251	0.0749	0.8373	0.6640	0.4364
ci900367j_MACCS		0.7053	0.2947	0.6760	0.3455	0.8195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cirrhosis		0.7381	0.1746	0.5079	0.4809	0.5473
ckd		0.9500	0.0500	0.9461	0.8864	0.1761
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.7500	0.1667	0.7708	0.6087	0.4277
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5102	0.3265	0.4767	0.2222	0.7365
cnae-9		0.9167	0.0185	0.9214	0.9062	0.0938
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.6000	0.0533	0.5614	0.5571	0.2184
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.8276	0.1724	0.8145	0.6272	0.6286
colposcopies-2		0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3		0.8276	0.1724	0.8237	0.6310	0.5561
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4062	0.0297	0.2979	0.3932	0.0854
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.7037	0.2963	0.6971	0.3941	0.8201
darwin		0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld		0.8571	0.1429	0.8654	0.6957	0.3522
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
depressed		0.8322	0.1678	0.5828	0.0525	0.4903
dermatology		0.9189	0.0270	0.9191	0.8982	0.0846
desharnais		0.2500	0.5000	0.1667	-0.1429	0.6406
dexter		0.7833	0.2167	0.7835	0.5667	0.6938
df_final		0.5000	0.3333	0.3810	0.2000	0.5537
DIA		0.8167	0.1833	0.7333	0.4500	0.6677
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.6250	0.3750	0.5966	0.1692	0.8621
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
drug-01		0.4309	0.1626	0.2049	0.1007	0.5058
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-04		0.5213	0.1368	0.1575	0.0635	0.4157
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4096	0.1687	0.2489	0.2465	0.5555
drug-07		0.4734	0.1505	0.1468	0.0975	0.3427
drug-08		0.5851	0.1185	0.2403	0.1968	0.3869
drug-09		0.8617	0.0395	0.1322	-0.0062	0.2209
drug-10		0.5532	0.1277	0.1527	0.1271	0.3549
drug-11		0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1782	0.2522	0.3933
drug-14		0.5904	0.1170	0.2711	0.2051	0.3809
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.6011	0.1140	0.2865	0.3272	0.3931
drug-17		0.3777	0.1778	0.2509	0.1347	0.4823
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0068	0.2303
ecoli		0.8824	0.0294	0.5563	0.8348	0.0670
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
eucalyptus		0.6301	0.1479	0.6068	0.5240	0.4110
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.5000	0.1250	0.2643	0.3631	0.3001
forest		0.8846	0.0577	0.8750	0.8402	0.1464
gastrointestinal		0.6875	0.2083	0.6528	0.5062	0.4739
german		0.7200	0.2800	0.6712	0.3017	0.7423
glass		0.7619	0.0794	0.7572	0.6779	0.1645
glass-g2		0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP		0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware		0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		1.0000	0.0000	1.0000	1.0000	0.0000
glioma-grade		0.5833	0.4167	0.3684	0.0000	0.5068
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.6000	0.2000	0.6646	0.4675	0.3671
gsalc		0.7778	0.0741	0.8602	0.7353	0.1171
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hayes-roth		0.8125	0.1250	0.8451	0.7143	0.2695
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7500	0.1250	0.2155	0.0004	0.4189
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.7742	0.2258	0.7815	0.5526	0.6797
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-quantum		0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
horse		0.5833	0.2778	0.5374	0.2819	0.6576
ilpd		0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
kc1		0.8720	0.1280	0.7108	0.3665	0.5495
kc1-class-level-defectiveornot		0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6512	0.2956	0.7699

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.6471	0.0176	0.3792	0.6304	0.0707
led24		0.7000	0.0600	0.6927	0.6610	0.1424
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8333	0.0222	0.8576	0.8209	0.0682
liver		0.7059	0.2941	0.6808	0.3585	0.8145
lrs		0.8491	0.0302	0.4434	0.7895	0.0916
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.7933	0.8895	0.0419
lung-cancer-harvard2		0.8889	0.1111	0.8615	0.6842	0.5000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0714	0.4469	0.7255	0.1760
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
mammography		0.8333	0.1667	0.8327	0.6654	0.5984
marketing		0.8884	0.1116	0.7461	0.4693	0.5664
maternal		0.6337	0.2442	0.6378	0.4352	0.5479
messidor		0.6957	0.3043	0.6911	0.3822	0.8288
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9330	0.9241	0.0699
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fou		0.7950	0.0410	0.7978	0.7722	0.1837
mfeat-kar		0.9500	0.0100	0.9519	0.9444	0.0602
mfeat-mor		0.7500	0.0500	0.7538	0.7222	0.1891
mfeat-zer		0.8350	0.0330	0.8219	0.8167	0.1090
mice-prot		0.9815	0.0046	0.9779	0.9788	0.0222
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6471	0.1412	0.5640	0.5541	0.2685
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.6667	0.1111	0.5714	0.6000	0.1060
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits		0.4861	0.3426	0.2694	-0.0517	0.5491
obs		1.0000	0.0000	1.0000	1.0000	0.0000
oh0-wc		0.8119	0.0376	0.8075	0.7852	0.1924
oh10-wc		0.6476	0.0705	0.6425	0.6020	0.3237
oh15-wc		0.7500	0.0500	0.7415	0.7180	0.2559
oh5-wc		0.7473	0.0505	0.7521	0.7154	0.2676
olive		0.9298	0.0156	0.9093	0.9124	0.0470
orl		0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9048	0.0952	0.9068	0.8099	0.4016
parkinson		0.9833	0.0167	0.9828	0.9655	0.1178

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
parkinsons		0.8389	0.1611	0.8346	0.6659	0.5909
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
pasture		0.5000	0.3333	0.5000	0.2000	0.3750
pc1		0.9369	0.0631	0.7116	0.2096	0.1619
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.6579	0.3421	0.6757	0.3067	0.7206
pediatric-leukemia		0.7941	0.0588	0.6852	0.7460	0.1577
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
pet-adoption		0.9250	0.0750	0.9142	0.8271	0.3585
phishing		0.9673	0.0327	0.9659	0.9317	0.2032
pima		0.7105	0.2895	0.6891	0.3407	0.7408
plant-growth		0.7368	0.2632	0.7360	0.4693	0.7643
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc		0.6324	0.3676	0.6435	0.2647	0.8394
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.4848	0.0468	0.2259	0.4270	0.2074
profb		0.8209	0.1791	0.7901	0.5742	0.6347
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate		0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE		0.9091	0.0909	0.9141	0.8136	0.2846
raisin		0.9111	0.0889	0.9127	0.8222	0.3796
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		1.0000	0.0000	1.0000	1.0000	0.0000
rnaseq		1.0000	0.0000	1.0000	1.0000	0.0000
scadi		0.7143	0.0816	0.4989	0.6316	0.1395
schiller		0.7778	0.2222	0.4375	0.0000	0.3750
schizo		0.7059	0.2941	0.7073	0.4118	0.8058
sclerosis		0.9259	0.0741	0.9250	0.8500	0.3546
secom		0.9359	0.0641	0.4834	0.0000	0.1628
seeds		0.9524	0.0317	0.9553	0.9286	0.0868
segment		0.9437	0.0161	0.9499	0.9342	0.0672
segmentation		0.8564	0.1436	0.8431	0.6861	0.5651
segmentO		0.9957	0.0043	0.9916	0.9830	0.0885
seismic		0.9302	0.0698	0.4819	-0.0074	0.3980
semeion		0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram		0.8658	0.1342	0.4640	-0.0052	0.3810
sens-2-gram		0.8711	0.1289	0.6147	0.0873	0.4343
sirtuin6		1.0000	0.0000	1.0000	1.0000	0.0000
smarket		0.9920	0.0080	0.9921	0.9840	0.0544
smk_can_187		0.6842	0.3158	0.6841	0.3596	0.8222
solar-flare		0.7482	0.0839	0.5709	0.6750	0.1893
sonar		0.5000	0.5000	0.5000	0.0000	0.9934
soybean		0.9853	0.0015	0.9883	0.9839	0.0145
spect		0.8148	0.1852	0.6923	0.3478	0.6626
spectf		0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer		0.5094	0.0204	0.2286	0.4812	0.1438
sport-articles		0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored		0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored		1.0000	0.0000	0.6667	1.0000	0.0000
steel-b		0.8667	0.1333	0.7866	0.5676	0.5965
steel-d		0.9949	0.0051	0.9553	0.9065	0.0226
steel-k		0.9795	0.0205	0.9682	0.9359	0.1450
steel-o		0.8256	0.1744	0.8048	0.6081	0.6309
steel-p		0.9385	0.0615	0.7560	0.4711	0.4407
steel-s		0.9846	0.0154	0.8971	0.7920	0.3007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
steel-z		0.9692	0.0308	0.9125	0.8251	0.3478
stress		1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle		0.6450	0.1420	0.3683	0.4294	0.4171
student-weekend		0.3846	0.2462	0.1111	0.0000	0.3498
student-workday		0.7031	0.1187	0.1651	0.0000	0.2066
studentap		0.4615	0.3590	0.4444	0.1727	0.6734
tae		0.4000	0.4000	0.3964	0.1000	0.7207
thoracic		0.8511	0.1489	0.4598	0.0000	0.2925
thrombin		0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff		0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe		0.9789	0.0211	0.9766	0.9521	0.0938
titanic		0.8182	0.1818	0.7934	0.5163	0.4251
tourist		0.7500	0.0833	0.4375	0.6364	0.0941
tox_171		0.8235	0.0882	0.8375	0.7650	0.1709
toxicity		0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f		0.7059	0.2941	0.6540	0.2735	0.7752
trains		1.0000	0.0000	1.0000	1.0000	0.0000
transfusion		0.7467	0.2533	0.5907	0.1623	0.8074
trec11-wc		0.8049	0.0434	0.7488	0.7595	0.1669
trec12-wc		0.7419	0.0645	0.8202	0.6857	0.1518
trec21-wc		0.7879	0.0848	0.4599	0.5389	0.2615
trec23-wc		0.6667	0.1111	0.5181	0.4878	0.2879
trec31-wc		0.8817	0.0394	0.8653	0.8422	0.2107
trec41-wc		0.8636	0.0273	0.8210	0.8330	0.1925
trec45-wc		0.6957	0.0609	0.6641	0.6376	0.2331
turkish		0.8500	0.0750	0.8623	0.8000	0.1491
tvnews1%		0.9077	0.0923	0.9004	0.7966	0.3880
urban		0.8358	0.0365	0.8682	0.8080	0.1219
vehicle		0.8095	0.0952	0.7971	0.7450	0.2011
vehicleVAN		0.9881	0.0119	0.9841	0.9677	0.0550
voice		1.0000	0.0000	1.0000	1.0000	0.0000
vote		0.8837	0.1163	0.8878	0.7681	0.4411
vowel		0.6061	0.0716	0.6436	0.5667	0.2131
vowelZ		0.9495	0.0505	0.8293	0.5926	0.1408
wap-wc		0.5321	0.0468	0.3900	0.4837	0.2613
warpar10p		0.8462	0.0308	0.7742	0.8267	0.0382
warppie10p		1.0000	0.0000	1.0000	1.0000	0.0000
web-phishing		0.8519	0.0988	0.7943	0.7376	0.4248
Weekly		0.9907	0.0093	0.9907	0.9813	0.0680
white-clover		0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc		0.9950	0.0025	0.9950	0.9933	0.0128
wine		1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red		0.6038	0.1321	0.2858	0.3771	0.5036
wisc_bc		0.9649	0.0351	0.9643	0.9261	0.2027
yale		0.6250	0.0500	0.5790	0.5966	0.0936
yeast		0.5338	0.0932	0.3754	0.3990	0.3398
yeastCYT-POX		0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC		0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1		0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2		0.9527	0.0473	0.4879	0.0000	0.1300

Table 214: Detailed results for SBFC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1687	0.0792	0.0298	0.0514	0.3647
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9822	0.0178	0.6916	0.3652	0.4985
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9604	0.0396	0.9149	0.8278	0.2989
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.5723	0.0987	0.6905
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
aids		0.8685	0.1315	0.8157	0.6293	0.5755
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7333	0.1067	0.3686	0.3639	0.2972
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9349	0.0651	0.9290	0.8532	0.2777
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9569	0.0216	0.8880	0.9180	0.2101
anuran-genus		0.9583	0.0104	0.8673	0.9322	0.2429
anuran-species		0.9542	0.0092	0.8989	0.9365	0.1376
anxiety		0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality		0.7475	0.2525	0.7475	0.4950	0.7539
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.9706	0.0294	0.9321	0.8633	0.2582
audiology		0.2727	0.1322	0.0390	0.0000	0.3533

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.8500	0.0600	0.8988	0.8020	0.1242
avila		0.9990	0.0002	0.9975	0.9988	0.0033
babies		0.4677	0.1521	0.1547	0.1596	0.4045
balance		0.7742	0.1505	0.5379	0.5778	0.3489
bank		0.9104	0.0896	0.7553	0.5048	0.5833
banknote		0.9197	0.0803	0.9256	0.8403	0.2974
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8825	0.1175	0.8718	0.7349	0.4464
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9952	0.0048	0.8695	0.7383	0.4184
biodeg		0.8381	0.1619	0.8314	0.6616	0.5983
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9863	0.0039	0.2586	0.0900	0.1460
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.6433	0.1784	0.6436	0.5244	0.5049
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.8214	0.1786	0.7739	0.5455	0.6636
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.7500	0.7778	0.0704
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8448	0.0776	0.7700	0.6899	0.3342
car-insurance		0.8010	0.1990	0.7783	0.5540	0.6861
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.8216	0.0357	0.7984	0.7886	0.2474
cardiotocography-nsp		0.9108	0.0595	0.8651	0.7722	0.3570
cardiovascular		0.7341	0.2659	0.7346	0.4681	0.7711
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6250	0.2500	0.4772	0.3174	0.6596
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.0183	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.6081	0.1352	0.4567
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.9406	0.0297	0.9342	0.9116	0.1387
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9997	0.0003	0.9261	0.8483	0.1544
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9277	0.0723	0.6909	0.1332	0.1784
churn		0.8560	0.1440	0.7559	0.4960	0.6093
churn-bigml		0.9326	0.0674	0.8533	0.6825	0.3223
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.7433	0.5238	0.3725
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7898	0.1051	0.6854	0.6636	0.3849
climate		0.9444	0.0556	0.7751	0.5424	0.5131
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5578	0.2948	0.5502	0.3073	0.6786
cnae-9		0.9259	0.0165	0.9289	0.9167	0.0755
codon_usage		0.8780	0.0222	0.8298	0.8522	0.2146
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1		0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2		0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3		0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c		0.8966	0.1034	0.8560	0.6692	0.2534
column-2c		0.8710	0.1290	0.8486	0.6884	0.4958
column-3c		0.7742	0.1505	0.7335	0.6193	0.2267
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
cottonmeloidogyne		0.7788	0.2212	0.7791	0.5578	0.7013
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.7236	0.0790	0.6401	0.5602	0.4865
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.7000	0.1500	0.7140	0.6000	0.2630
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.9309	0.0230	0.8415	0.8598	0.2860
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.0312	0.0484	0.0056	0.0236	0.3032

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
customer-churn		0.9840	0.0160	0.7581	0.4799	0.3727
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.7191	0.4194	0.7609
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8163	0.1837	0.7125	0.4185	0.7097
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8960	0.1040	0.7234	0.4410	0.6256
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.7132	0.5789	0.3187
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8462	0.1538	0.8416	0.6810	0.5769
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7421	0.1032	0.7263	0.6354	0.3749
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.9468	0.0532	0.9438	0.8870	0.2943
dropout		0.7833	0.1445	0.7191	0.6431	0.4578
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5053	0.1413	0.2523	0.1830	0.5724
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.4894	0.1459	0.1886	0.0809	0.5623
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4468	0.1581	0.3090	0.2981	0.4965
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5585	0.1261	0.2077	0.2004	0.4180
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5585	0.1261	0.2090	0.2129	0.4988
drug-11		0.8404	0.0456	0.1305	-0.0126	0.2510
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1829	0.2941	0.3671
drug-14		0.5745	0.1216	0.2524	0.2701	0.5362
drug-15		0.7234	0.0790	0.1408	0.0934	0.3972
drug-16		0.5851	0.1185	0.2548	0.3148	0.4440
drug-17		0.3777	0.1778	0.2251	0.1351	0.4851
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9133	0.0248	0.9245	0.8952	0.1452
ecoli		0.8529	0.0368	0.5300	0.7969	0.1226
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8522	0.6959	0.5472

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ecoliMU		0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0115	0.1236	0.0014	0.0000	0.3917
eeg-eye		0.7243	0.2757	0.7196	0.4358	0.7837
eeg10%		0.1387	0.1077	0.0152	0.0000	0.3662
eucalyptus		0.6849	0.1260	0.6663	0.5932	0.3688
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.7683	0.0273	0.6709	0.7362	0.2212
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
forest		0.9423	0.0288	0.9331	0.9206	0.0792
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6021	0.2653	0.4649	0.1662	0.5993
gene		0.9148	0.0568	0.9061	0.8636	0.2480
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.9469	0.0265	0.9468	0.9292	0.1253
gina		0.9020	0.0980	0.9022	0.8038	0.4235
glass		0.7619	0.0794	0.7409	0.6688	0.2237
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8947	0.1053	0.8944	0.7889	0.4478
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8690	0.1310	0.8707	0.7360	0.5042
green		0.9000	0.1000	0.8824	0.7368	0.2605
grub-damage		0.4000	0.3000	0.2576	0.1346	0.4553
haberman		0.6667	0.3333	0.5739	0.1477	0.8809
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.9659	0.0137	0.9639	0.9568	0.0812
har701%		0.8889	0.0317	0.5348	0.8376	0.2358
har7010%		0.8060	0.0554	0.4846	0.6881	0.1269
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.8410	0.0265	0.5206	0.7838	0.2906
harth10%		0.0012	0.1665	0.0002	0.0000	0.3230
hayes-roth		0.6250	0.2500	0.5797	0.3846	0.2117
hcc-survival		0.6471	0.3529	0.6550	0.3014	0.8522
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure		0.9840	0.0160	0.9814	0.9629	0.1235
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.6900	0.3100	0.6887	0.3774	0.8345
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.3571	0.1607	0.1598	0.1975	0.2771
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9005	0.0995	0.8134	0.6227	0.5355
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.7500	0.1667	0.7062	0.5628	0.4250
hotel-reservartions		0.8341	0.1659	0.8074	0.6124	0.6170
hr		0.8561	0.1439	0.4612	-0.0135	0.4899
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.9782	0.0218	0.9334	0.8665	0.2661
hypothyroid		0.9920	0.0040	0.7384	0.9532	0.0786
hypothyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
ilpd		0.7119	0.2881	0.6187	0.2302	0.8431
immuno-therapy		0.8889	0.1111	0.8784	0.7273	0.4644
instagram		0.9747	0.0127	0.9753	0.9662	0.0514
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8154	0.1846	0.6371	0.2233	0.6726
jvowels		0.9036	0.0214	0.8992	0.8908	0.1415
kc1		0.8246	0.1754	0.6198	0.2311	0.7492
kc1-class-level-defectiveornot		0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect		0.5385	0.1846	0.1400	-0.1471	0.5203
kc1-class-level-top5percentDF		0.8667	0.1333	0.7761	0.4444	0.5000
kc2		0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.8682	0.0879	0.8248	0.7819	0.2530
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.5077	0.0547	0.5019	0.4462	0.4400
krvskp		0.9248	0.0752	0.9271	0.8499	0.3294
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6765	0.0281	0.6185	0.6591	0.0876
led24		0.7000	0.0600	0.6650	0.6610	0.1254
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8580	0.0109	0.8575	0.8523	0.1594
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8611	0.0185	0.8914	0.8511	0.0632
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
liver		0.7059	0.2941	0.6808	0.3585	0.8145
loan		0.9719	0.0281	0.9705	0.9393	0.1214
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
lrs		0.8302	0.0340	0.6165	0.7669	0.1424
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.8456	0.6147	0.3285
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.9255	0.0745	0.9237	0.8472	0.3606
madelon		0.6538	0.3462	0.6539	0.3077	0.8759
magic04		0.8396	0.1604	0.8199	0.6320	0.5758
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.5941	0.2706	0.5919	0.3792	0.5654
math		0.7500	0.1250	0.7055	0.6212	0.4044
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.6783	0.3217	0.6933	0.3701	0.7978
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac		0.9650	0.0070	0.9654	0.9611	0.0416
mfeat-fou		0.7750	0.0450	0.7745	0.7500	0.1962
mfeat-kar		0.9450	0.0110	0.9464	0.9389	0.0671
mfeat-mor		0.7100	0.0580	0.7092	0.6778	0.2053
mfeat-pix		0.9350	0.0130	0.9369	0.9278	0.0710
mfeat-zer		0.7750	0.0450	0.7775	0.7500	0.1580
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9811	0.0126	0.9789	0.9711	0.0537
mines		0.5294	0.1882	0.4646	0.4081	0.3766
mobile		0.9406	0.0021	0.9442	0.9395	0.0270
monks-1		0.6909	0.3091	0.7428	0.3746	0.4896
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.5039	0.0902	0.5205	0.4080	0.5279
musk		0.9530	0.0470	0.9060	0.8071	0.2952
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.9000	0.0250	0.4961	0.5884	0.1662
naticusdroid		0.9434	0.0566	0.9437	0.8868	0.2857
NCI60		1.0000	0.0000	1.0000	1.0000	0.0000
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9481	0.0519	0.9363	0.8727	0.3076
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.9074	0.0463	0.8371	0.8633	0.1533
obesity		0.8768	0.0352	0.8826	0.8561	0.1407
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9859	0.0141	0.9803	0.9606	0.1384
Occupancy_Estimation		0.9951	0.0025	0.9835	0.9850	0.0262
oh0-wc		0.9208	0.0158	0.9227	0.9097	0.0852
oh10-wc		0.8190	0.0362	0.8025	0.7943	0.1743
oh15-wc		0.9022	0.0196	0.9056	0.8890	0.0988
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.9474	0.0117	0.9231	0.9347	0.0368
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9289	0.0711	0.6803	0.3245	0.5577
ozone8hr		0.9012	0.0988	0.6528	0.3055	0.6641
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9708	0.0117	0.9118	0.8489	0.2581
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.9052	0.0948	0.8993	0.7987	0.4298
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle10%		0.8838	0.1162	0.8630	0.7233	0.5251
pasture		1.0000	0.0000	1.0000	1.0000	0.0000
pc1		0.9189	0.0811	0.6396	0.2671	0.6352
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.9736	0.0053	0.9736	0.9707	0.0424
period		0.8889	0.1111	0.8953	0.7692	0.4011
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.7988	0.2012	0.7842	0.5680	0.6805
personalities		0.9392	0.0076	0.9393	0.9351	0.1000
pet-adoption		0.8900	0.1100	0.8736	0.7454	0.4718
phishing		0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc		0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%		0.7052	0.0842	0.6899	0.6551	0.3369
phone-acc1%		0.1418	0.2452	0.0355	0.0000	0.4030
phone-gyr		0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%		0.8069	0.0552	0.7947	0.7741	0.2190
phone-gyr1%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.8130	0.1870	0.7760	0.5510	0.6817
phy		0.4972	0.5028	0.3321	0.0000	0.5287
pima		0.7895	0.2105	0.7776	0.5543	0.6922

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pirvision			0.9824	0.0118	0.9575	0.9454	0.1245
placement			0.7790	0.2210	0.7731	0.5462	0.7081
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4463	0.1230	0.1066	-0.0005	0.2879
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9559	0.0441	0.7170	0.4332	0.5890
polish-2nd			0.9489	0.0511	0.5468	0.0810	0.6121
polish-3rd			0.8981	0.1019	0.5552	0.1058	0.6007
polish-4th			0.9092	0.0908	0.6767	0.3325	0.6042
polish-5th			0.9357	0.0643	0.7946	0.5782	0.5796
polya			0.7654	0.2346	0.7467	0.4933	0.7415
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.7353	0.2647	0.7391	0.4706	0.7516
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4848	0.0793	0.3939	0.4246	0.2345
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9626	0.0150	0.9241	0.9497	0.0792
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pulsar			0.9832	0.0168	0.9486	0.8958	0.1738
raisin			0.8556	0.1444	0.8578	0.7111	0.5296
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9835	0.0165	0.9834	0.9667	0.1153
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6720	0.3280	0.6624	0.3246	0.8583
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8911	0.0363	0.8760	0.8663	0.1740
satimageF			0.9891	0.0109	0.9726	0.9449	0.1852
satimageT			0.8896	0.1104	0.7566	0.4986	0.6287
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			1.0000	0.0000	1.0000	1.0000	0.0000
schizo			0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.6217	0.1485	0.4505
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9740	0.0074	0.9767	0.9696	0.0357
segmentation			0.8416	0.1584	0.8362	0.6671	0.5853
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8921	0.1079	0.7858	0.5705	0.5943
shuttle			0.9993	0.0002	0.9706	0.9981	0.1117
sick			0.9682	0.0318	0.8629	0.7223	0.3795
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.8444	0.1556	0.7370	0.3626	0.4141
skin10%			0.9902	0.0098	0.9851	0.9703	0.1042
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.7429	0.2571	0.7323	0.4620	0.7634
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7482	0.0839	0.6428	0.6790	0.2404
sonar			0.8500	0.1500	0.8518	0.7000	0.5467
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9515	0.0485	0.8373	0.6488	0.3215
spambase			0.9304	0.0696	0.9270	0.8531	0.3319
spect			0.8519	0.1481	0.8146	0.6170	0.6093
spectf			0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer			0.1923	0.0598	0.0856	0.0953	0.3351
splice-EI			0.9653	0.0347	0.9547	0.9092	0.2535
splice-IE			0.9054	0.0946	0.8745	0.7473	0.4931
sport-articles			0.8000	0.2000	0.7912	0.5804	0.6732
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.8787	0.0809	0.8481	0.8021	0.2652
steel-b			0.8821	0.1179	0.8386	0.6713	0.5677
steel-d			0.9949	0.0051	0.9553	0.9065	0.0226
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.7897	0.2103	0.7711	0.5418	0.7028
steel-p			0.9282	0.0718	0.7886	0.5721	0.5868
steel-s			0.9949	0.0051	0.9665	0.9307	0.0228
steel-z			0.9692	0.0308	0.9226	0.8401	0.3898
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			1.0000	0.0000	1.0000	1.0000	0.0000
stockb			0.9824	0.0117	0.9826	0.9736	0.0590
streaming			0.9920	0.0080	0.9920	0.9838	0.0512
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6200	0.1520	0.3341	0.3851	0.4398
student-depression			0.8308	0.1692	0.8245	0.6479	0.6052
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.4308	0.2277	0.2044	0.1579	0.4100
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.7862	0.2138	0.7842	0.5662	0.6850
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn			0.9219	0.0781	0.8994	0.7987	0.4131
texture			0.9855	0.0026	0.9865	0.9840	0.0221
theorem			0.8756	0.1244	0.8721	0.7396	0.4791
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe			0.6737	0.3263	0.6434	0.2861	0.8589
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
titanic			0.7591	0.2409	0.7101	0.4121	0.7548
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6800	0.3200	0.5934	0.1848	0.8446
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.9677	0.0081	0.9686	0.9613	0.0213
trec21-wc			0.9394	0.0242	0.9210	0.8842	0.1212
trec23-wc			0.9048	0.0317	0.8870	0.8720	0.1212
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.8250	0.0875	0.8199	0.7667	0.2173
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9646	0.0354	0.6844	0.3631	0.5656
ur3_cobotops_stop			0.9714	0.0286	0.8444	0.6722	0.5261
urban			0.3582	0.1426	0.3059	0.2503	0.5386
urinalysis			0.9371	0.0629	0.7192	0.4373	0.6096
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7857	0.1071	0.7706	0.7106	0.3366
vehicleVAN			0.9048	0.0952	0.8680	0.7288	0.4284
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.4747	0.0955	0.5200	0.4222	0.2884
vowelZ			0.9798	0.0202	0.9363	0.8642	0.0715
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
warpar10p			0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.9709	0.0083	0.9703	0.9660	0.0516
watch-gyr1%			0.9722	0.0079	0.9715	0.9676	0.0502
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8220	0.1187	0.8241	0.7331	0.3791
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8444	0.1037	0.6465	0.7141	0.4313
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9752	0.0248	0.8685	0.7369	0.4224
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5723	0.1426	0.2740	0.2974	0.4345
winequality-white			0.5337	0.1332	0.2811	0.2728	0.4996
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5608	0.0878	0.3962	0.4310	0.3722
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 215: Detailed results for SDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0767	0.0637	0.0451	-0.0056	0.4822
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9806	0.0194	0.4951	-0.0029	0.3541
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9726	0.0274	0.9416	0.8761	0.0941
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8492	0.1508	0.5066	0.0132	0.7200
AID_1431_MACCSFingerprinter		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878		0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8586	0.0943	0.3080	-0.0221	0.4024
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.8738	0.1262	0.5329	0.0656	0.6699
AID1608red		0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red		0.9720	0.0280	0.4929	-0.0142	0.5507
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9770	0.0230	0.4942	-0.0053	0.1896
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red		0.9979	0.0021	0.4995	-0.0009	0.3503
AID687red		0.9964	0.0036	0.4991	-0.0010	0.4450
AID688red		0.9893	0.0107	0.4973	-0.0025	0.4301
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8357	0.1643	0.7583	0.4994	0.6227
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8700	0.1300	0.8674	0.7345	0.5150
alcohol		0.7619	0.0952	0.3337	0.4638	0.4070
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8419	0.1581	0.8239	0.6456	0.5899
anneal		0.9663	0.0135	0.9634	0.9317	0.1560
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9875	0.0125	0.4969	-0.0056	0.5615
anuran-family		0.9166	0.0417	0.7387	0.8418	0.3122
anuran-genus		0.9332	0.0167	0.8264	0.8914	0.2718
anuran-species		0.9403	0.0119	0.8531	0.9167	0.1420
anxiety		0.0833	0.2037	0.0809	-0.0326	0.8396
apple-quality		0.7300	0.2700	0.7314	0.4600	0.7724
aps-failure		0.9870	0.0130	0.8326	0.6623	0.4921
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9944	0.0056	0.7825	0.4843	0.1636
arabidopsis10%		0.9916	0.0084	0.6127	0.1512	0.3891
arcene		0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.7556	0.0489	0.5726	0.6037	0.2098
auction		0.8725	0.1275	0.6124	0.1467	0.5667
audiology		0.6087	0.0326	0.2287	0.5480	0.0549
audit-risk		0.9103	0.0897	0.9105	0.8051	0.2669
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.6500	0.1167	0.5703	0.5286	0.3059
avila		0.5031	0.0828	0.3567	0.2496	0.5911
babies		0.4274	0.1636	0.1394	0.0977	0.4306
balance		0.8871	0.0753	0.6113	0.7879	0.2115
bank		0.9014	0.0986	0.7401	0.4785	0.6215
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8940	0.1060	0.8874	0.7571	0.3455
basehock		0.9598	0.0402	0.9602	0.9196	0.2182
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8943	0.7809	0.2098
biodeg		0.8381	0.1619	0.8314	0.6616	0.5983
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	-0.0001	0.0426
body-perf		0.6067	0.1966	0.6086	0.4756	0.5159
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5090	0.4910	0.5090	0.0181	0.9947
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.8000	0.0571	0.6857	0.7143	0.1393
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4900	0.3400	0.2584	-0.0047	0.3805
car		0.8333	0.0833	0.6079	0.6507	0.3635
car-insurance		0.8250	0.1750	0.7928	0.5848	0.6472
card		0.8986	0.1014	0.8960	0.7888	0.4180
cardiotocography		0.7512	0.0498	0.7389	0.7041	0.3208
cardiotocography-nsp		0.8545	0.0970	0.7134	0.5998	0.4852
cardiovascular		0.6496	0.3504	0.6499	0.2992	0.8790
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5884	0.4850	0.3959
cas_N6512_cdk_ECFP2		0.7450	0.2550	0.7432	0.4864	0.7590
cas_N6512_rdkit_ATOMPAIR		0.7123	0.2877	0.7110	0.4219	0.8055
cas_N6512_RDkit_AtomPair_FP		0.7454	0.2546	0.7436	0.4871	0.7583
cas_N6512_rdkit_AVALON		0.7819	0.2181	0.7819	0.5630	0.6958
cas_N6512_RDkit_Avalon_FP		0.7960	0.2040	0.7967	0.5918	0.6684
cas_N6512_rdkit_descriptors		0.7169	0.2831	0.7187	0.4350	0.7915
cas_N6512_rdkit_FEATMORGAN		0.7373	0.2627	0.7355	0.4710	0.7706
cas_N6512_RDkit_Featmorgan_FP		0.7837	0.2163	0.7837	0.5667	0.6927
cas_N6512_RDkit_FP		0.7423	0.2577	0.7419	0.4833	0.7612
cas_N6512_rdkit_LAYERED		0.7600	0.2400	0.7609	0.5201	0.7299
cas_N6512_RDkit_Layered_FP		0.7546	0.2454	0.7531	0.5063	0.7440
cas_N6512_rdkit_MACCS		0.7573	0.2427	0.7551	0.5080	0.7345

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7546	0.2454	0.7537	0.5072	0.7433
cas_N6512_rdkit_MORGAN		0.7662	0.2338	0.7644	0.5286	0.7251
cas_N6512_RDkit_morgan_FP		0.7623	0.2377	0.7609	0.5218	0.7317
cas_N6512_rdkit_PATTERN		0.7554	0.2446	0.7559	0.5105	0.7384
cas_N6512_RDkit_pattern_FP		0.7653	0.2347	0.7664	0.5309	0.7207
cas_N6512_rdkit_RDKITFP		0.7788	0.2212	0.7791	0.5571	0.7004
cas_N6512_rdkit_TORSION		0.7354	0.2646	0.7355	0.4701	0.7700
ccds1%		0.9560	0.0440	0.5667	0.0957	0.5365
cdc_diabetes		0.8453	0.1031	0.4252	0.2297	0.3504
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8031	0.1969	0.7874	0.5743	0.6770
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9669	0.0331	0.7866	0.5692	0.4875
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9394	0.0606	0.6037	0.1969	0.6233
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9302	0.0698	0.6880	0.3645	0.6070
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8714	0.0643	0.8630	0.8085	0.2314
chrom19		0.9993	0.0007	0.8554	0.6925	0.5051
chrom191%		0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%		0.9989	0.0011	0.8248	0.6245	0.5256
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8050	0.1950	0.6381	0.2368	0.7038
churn-bigml		0.8839	0.1161	0.7268	0.4168	0.5589
ci900367j_MACCS		0.7789	0.2211	0.7604	0.5173	0.7088
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.5065	0.4420	0.3443
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7991	0.1005	0.5555	0.6826	0.3190
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4830	0.3447	0.4606	0.1819	0.7508
cnae-9		0.9722	0.0062	0.9725	0.9688	0.0311
codon_usage		0.7652	0.0427	0.5722	0.7143	0.3617
coil20		0.9792	0.0021	0.9804	0.9781	0.0148
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5172	0.4828	0.4383	-0.1215	0.9927
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6552	0.3448	0.6446	0.2892	0.8782
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.8387	0.1613	0.8114	0.6210	0.6099
column-3c		0.7419	0.1720	0.6792	0.5832	0.4193
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.9491	0.0339	0.6100	0.4148	0.5004
cottonmeloidogyne		0.7788	0.2212	0.7788	0.5576	0.7025
coupon		0.4314	0.5686	0.3014	0.0000	0.5291

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.6704	0.0942	0.5251	0.4794	0.5465
covtypeCD		0.9274	0.0726	0.8309	0.6447	0.4126
covtypeT		0.9177	0.0823	0.7160	0.4284	0.6291
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9994	0.0006	0.9045	0.8082	0.2814
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8829	0.0390	0.7763	0.7530	0.3480
cryotherapy		0.7778	0.2222	0.7750	0.5500	0.7072
cultivars		0.2500	0.0375	0.1644	0.2297	0.1180
customer-churn		0.9794	0.0206	0.6001	0.0183	0.1320
cybersecurity		0.1533	0.2822	0.1552	-0.0160	0.8920
cyclopentane		0.6667	0.3333	0.6657	0.3306	0.8586
cylinder-bands		0.7778	0.2222	0.7709	0.5352	0.6921
darwin		0.6667	0.3333	0.6710	0.3333	0.8394
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dating		0.1002	0.1800	0.0999	0.0003	0.9231
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8170	0.1830	0.6943	0.3494	0.6536
defect		0.8858	0.1142	0.7578	0.4299	0.3903
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8949	0.1051	0.7231	0.4416	0.6308
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.3750	0.4167	0.3158	0.0244	0.6574
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7833	0.2167	0.6817	0.3500	0.7451
diabetes		0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.8533	0.1467	0.7500	0.4690	0.5783
diabetic		0.5707	0.2862	0.4425	0.1819	0.6744
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5206	0.3196	0.3906	0.1036	0.7287
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all		0.0298	0.3881	0.0116	0.0000	0.3909
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.9972	0.0028	0.5980	0.0663	0.2191
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5680	0.4320	0.5645	0.1283	0.9545
drebin		0.9674	0.0326	0.9649	0.9296	0.1902
dropout		0.7540	0.1640	0.6755	0.5834	0.4563
drug-01		0.4149	0.1672	0.1834	0.0926	0.6112
drug-02		0.5053	0.1413	0.2131	0.1443	0.5801
drug-03		0.6702	0.0942	0.1334	0.0365	0.3654
drug-04		0.5000	0.1429	0.1881	0.0776	0.6675
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4096	0.1687	0.2377	0.2508	0.5505
drug-07		0.4734	0.1505	0.1445	0.0992	0.3429
drug-08		0.5638	0.1246	0.2250	0.1387	0.4225

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5638	0.1246	0.2527	0.1696	0.3649
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.2568	0.2529	0.3964
drug-14		0.5904	0.1170	0.2700	0.2907	0.5115
drug-15		0.7447	0.0729	0.1231	0.0221	0.2866
drug-16		0.6011	0.1140	0.2740	0.3291	0.3962
drug-17		0.3723	0.1793	0.1734	0.1256	0.4966
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7500	0.0714	0.1224	-0.0246	0.3990
drybean		0.9067	0.0267	0.9259	0.8872	0.1326
ecoli		0.8529	0.0368	0.5543	0.7942	0.1278
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2700	0.3650	0.2706	0.0267	0.8238
eeg		0.3286	0.0839	0.3357	0.2572	0.7046
eeg-eye		0.6455	0.3545	0.6373	0.2673	0.8741
eeg10%		0.3198	0.0850	0.3136	0.2482	0.6647
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5890	0.1644	0.5780	0.4754	0.4542
euthyroid		0.9177	0.0823	0.7108	0.3474	0.4544
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8709	0.1291	0.8727	0.7422	0.4987
fakenews		0.5400	0.4600	0.5404	0.0806	0.9741
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.8049	0.0230	0.7501	0.7754	0.1562
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5098	0.4902	0.4951	-0.0095	0.9942
financial-risk		0.7815	0.0728	0.6859	0.6449	0.2754
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9231	0.0385	0.9063	0.8934	0.1031
gas		0.8145	0.0618	0.8343	0.7773	0.2277
gastrointestinal		0.7500	0.1667	0.6925	0.5975	0.4319
gender		0.6000	0.2667	0.3800	0.1424	0.5617
gene		0.9022	0.0652	0.8921	0.8447	0.2625
german		0.7400	0.2600	0.6980	0.3612	0.7202
gestures		0.3502	0.3249	0.3544	0.1337	0.7860
gina		0.8847	0.1153	0.8854	0.7690	0.4652
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6190	0.1270	0.4522	0.4474	0.3193
glass-g2		0.8125	0.1875	0.8416	0.6364	0.4644
glassBWFP		0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP		0.6190	0.3810	0.5000	0.0000	0.9172
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8813	0.7590	0.4804
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4000	0.3000	0.4833	0.2012	0.4985

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.9387	0.0102	0.8501	0.9275	0.0623
har		0.7074	0.1170	0.7019	0.6295	0.4338
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7619	0.0680	0.4269	0.6161	0.2644
har7010%		0.7577	0.0692	0.4119	0.6093	0.2389
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6533	0.0578	0.2220	0.5015	0.2646
harth10%		0.6523	0.0579	0.2240	0.4999	0.2665
hayes-roth		0.3750	0.4167	0.3965	0.0244	0.7361
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.8520	0.1480	0.8243	0.6467	0.5812
heart-quantum		0.9800	0.0200	0.9797	0.9587	0.1307
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%		0.8369	0.1631	0.8368	0.6737	0.5899
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.6412	0.3588	0.6383	0.2710	0.8789
higgs0.1%		0.6545	0.3455	0.6517	0.3000	0.8693
higgs1%		0.6389	0.3611	0.6359	0.2647	0.8778
higgs10%		0.6405	0.3595	0.6379	0.2697	0.8782
higher		0.2143	0.1964	0.1556	0.0833	0.3290
hinselmann		0.4000	0.6000	0.2857	-0.3636	0.7910
hitters		0.8750	0.1250	0.8784	0.7510	0.4764
hiv1-proteasa		0.9140	0.0860	0.8439	0.6871	0.5042
hiva		0.9574	0.0426	0.6459	0.2863	0.5931
horse		0.6389	0.2407	0.6078	0.3818	0.6101
hotel-reservartions		0.8139	0.1861	0.7811	0.5550	0.6474
hr		0.8421	0.1579	0.4571	-0.0379	0.6662
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5368	0.3088	0.5381	0.3047	0.7015
htru2		0.9765	0.0235	0.9259	0.8436	0.1437
hypothyroid		0.9257	0.0371	0.5177	0.3590	0.3432
hypothyroidT		0.9416	0.0584	0.7571	0.3700	0.1541
ilpd		0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.8987	0.0507	0.9061	0.8649	0.1735
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9063	0.0072	0.9098	0.9025	0.0789
jm1		0.8145	0.1855	0.6239	0.1619	0.6070
jvowels		0.9277	0.0161	0.9227	0.9181	0.1086
kc1		0.8246	0.1754	0.6290	0.2524	0.7488
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.6429	0.0298	0.0768	0.3333	0.1354
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9940	0.0006	0.6490	0.9897	0.1102
kddcup991%		0.0020	0.1535	0.0003	0.0000	0.2182
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.8180	0.1213	0.7514	0.6991	0.2696
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2720	0.0809	0.2305	0.1731	0.5758
krvskp		0.9404	0.0596	0.9409	0.8809	0.2973
la1s-wc		0.8413	0.0529	0.8164	0.7984	0.2583
la2s-wc		0.8576	0.0475	0.8499	0.8187	0.2276
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5294	0.0235	0.3311	0.5130	0.0468
led24		0.6000	0.0800	0.6055	0.5480	0.1823
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.6950	0.0235	0.7002	0.6827	0.2843
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.7500	0.0333	0.7471	0.7318	0.1049
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.9981	0.0019	0.9022	0.7868	0.4689
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9532	0.0468	0.9513	0.9015	0.2661
localization		0.3949	0.1100	0.1627	0.1612	0.5190
localization10%		0.3902	0.1109	0.1653	0.1633	0.5512
lrs		0.8491	0.0302	0.3747	0.7920	0.0854
lung		0.0476	0.3810	0.0182	0.0000	0.2983
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.9286	0.0357	0.7135	0.8716	0.1130
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.5808	0.4192	0.5815	0.1615	0.9405
magic04		0.7749	0.2251	0.7432	0.4743	0.7055
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8444	0.6875	0.5712
marketing		0.8884	0.1116	0.7461	0.4693	0.5664
maternal		0.6337	0.2442	0.6332	0.4336	0.5222
math		0.7750	0.1125	0.7630	0.6597	0.3691
mba		0.8226	0.1183	0.3781	0.0998	0.3791
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2300	0.3080	0.2339	0.0386	0.8464
messidor		0.6957	0.3043	0.7046	0.3988	0.7954
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6667	0.1667	0.7622	0.5304	0.2809
meter-D		0.7778	0.1111	0.6350	0.6856	0.1970
mfeat-fac		0.9750	0.0050	0.9754	0.9722	0.0314
mfeat-fou		0.7950	0.0410	0.8004	0.7722	0.1707
mfeat-kar		0.9750	0.0050	0.9752	0.9722	0.0315
mfeat-mor		0.7300	0.0540	0.7356	0.7000	0.1746
mfeat-pix		0.9800	0.0040	0.9804	0.9778	0.0247

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-zer		0.7900	0.0420	0.8008	0.7667	0.1453
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8113	0.1258	0.8039	0.7131	0.3679
mines		0.4118	0.2353	0.4110	0.2641	0.4795
mobile		0.7937	0.0074	0.8094	0.7899	0.0928
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4650	0.0973	0.4642	0.3550	0.5734
musk		0.9288	0.0712	0.8524	0.6831	0.3424
MUT_ci300400a_cdk_ECFP2		0.8034	0.1966	0.7963	0.5913	0.6607
MUT_ci300400a_cdk_ECFP4		0.7940	0.2060	0.7910	0.5808	0.6779
MUT_ci300400a_cdk_ECFP6		0.7808	0.2192	0.7751	0.5501	0.7050
MUT_ci300400a_cdk_ESTATE		0.7194	0.2806	0.7096	0.4188	0.8007
MUT_ci300400a_cdk_EXTENDED		0.7998	0.2002	0.7970	0.5927	0.6669
MUT_ci300400a_cdk_FCFP2		0.7749	0.2251	0.7669	0.5330	0.7146
MUT_ci300400a_cdk_FCFP4		0.7794	0.2206	0.7723	0.5445	0.7077
MUT_ci300400a_cdk_FCFP6		0.7734	0.2266	0.7707	0.5398	0.7123
MUT_ci300400a_cdk_MACCS		0.7638	0.2362	0.7542	0.5044	0.7256
MUT_ci300400a_cdk_PUBCHEM		0.8323	0.1677	0.8266	0.6525	0.6033
MUT_ci300400a_cdk_STANDARD		0.7665	0.2335	0.7610	0.5218	0.7285
MUT_ci300400a_rdkit_descriptors		0.7293	0.2707	0.7237	0.4474	0.7849
myocardial		0.8294	0.0426	0.3700	0.3669	0.6475
naticusdroid		0.9485	0.0515	0.9491	0.8970	0.2600
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8549	0.0153	0.2872	0.6030	0.4408
ncRNA10%		0.8549	0.0153	0.2798	0.6063	0.5357
neo		0.8975	0.1025	0.5627	0.0607	0.5229
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6408	0.3592	0.6378	0.2746	0.8894
NHANES_age_prediction		0.9692	0.0308	0.9405	0.8776	0.1837
nomao		0.2855	0.7145	0.2221	0.0000	0.4710
NPHA-doctor-visits		0.4306	0.3796	0.2482	-0.1203	0.5916
nursery		0.9144	0.0428	0.8342	0.8733	0.1286
obesity		0.8578	0.0406	0.8559	0.8341	0.1619
obs		0.7222	0.1389	0.7569	0.5993	0.3704
occupancy		0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation		0.9822	0.0089	0.9500	0.9449	0.0453
oh0-wc		0.9109	0.0178	0.9069	0.8980	0.0966
oh10-wc		0.7905	0.0419	0.7594	0.7605	0.1707
oh15-wc		0.8804	0.0239	0.8695	0.8636	0.1021
oh5-wc		0.8462	0.0308	0.8466	0.8256	0.1428
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9123	0.0195	0.8306	0.8905	0.0531
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9520	0.0096	0.9545	0.9466	0.0656
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ozone1hr		0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr		0.9170	0.0830	0.6085	0.1860	0.6144
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8763	0.1237	0.8646	0.7284	0.5224
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9506	0.0197	0.7187	0.6864	0.3427
parkinson		0.9250	0.0750	0.9227	0.8453	0.3634
parkinsons		0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8912	0.1088	0.8620	0.7219	0.4876
particle10%		0.8762	0.1238	0.8436	0.6863	0.5380
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.6214	0.2387	0.6639
pcmac		0.5258	0.4742	0.5074	0.0147	0.9862
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8684	0.1316	0.8191	0.6364	0.5732
pediatric-leukemia		0.7941	0.0588	0.7203	0.7421	0.1519
pendigits		0.8963	0.0207	0.8982	0.8847	0.1271
period		0.7778	0.2222	0.8163	0.5714	0.5000
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.8134	0.1866	0.7980	0.5936	0.6458
personalities		0.9060	0.0118	0.9060	0.8997	0.1435
pet-adoption		0.8750	0.1250	0.8560	0.7095	0.5120
phishing		0.9429	0.0571	0.9400	0.8788	0.2812
PhiUSIIL		0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%		0.9987	0.0013	0.9987	0.9974	0.0131
phone-acc0.1%		0.5590	0.1260	0.5384	0.4829	0.4567
phone-acc1%		0.5774	0.1208	0.5427	0.5040	0.4347
phone-acc10%		0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%		0.6037	0.1132	0.5639	0.5345	0.3648
phone-gyr1%		0.6205	0.1084	0.5788	0.5546	0.3479
phone-gyr10%		0.1453	0.2442	0.0362	0.0000	0.4021
phoneme		0.7852	0.2148	0.7345	0.4689	0.7354
phy		0.7046	0.2954	0.7046	0.4092	0.8151
pima		0.6974	0.3026	0.6769	0.2974	0.7169
pirvision		0.9824	0.0118	0.9664	0.9438	0.0954
placement		0.7810	0.2190	0.7779	0.5547	0.7010
plant-growth		0.8947	0.1053	0.8944	0.7889	0.4478
plrx		0.6667	0.3333	0.4000	-0.1020	0.8617
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4907	0.1455	0.1332	-0.0086	0.2709
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9514	0.0486	0.5683	0.0325	0.3073
polish-4th		0.9439	0.0561	0.5386	0.0260	0.4089
polish-5th		0.9289	0.0711	0.5650	0.0363	0.3725
polya		0.7719	0.2281	0.7495	0.4986	0.7330
popularity		0.6484	0.2344	0.4405	0.2145	0.6337
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.7886	0.0846	0.7907	0.7358	0.3017
pred-tox_mutagen_ref-desc		0.6912	0.3088	0.6933	0.3824	0.8214
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.3030	0.0634	0.1491	0.2418	0.2097
processed		0.8761	0.1239	0.8572	0.7143	0.5261
profb		0.8209	0.1791	0.7970	0.5939	0.6524
promoters		0.8000	0.2000	0.8077	0.5455	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.7507	0.0997	0.6680	0.6568	0.2960
puc-rio10%			0.7562	0.0975	0.6505	0.6640	0.2831
pufs-1281%			0.5073	0.4927	0.5073	0.0147	0.9956
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5023	0.4977	0.5023	0.0047	0.9987
pufs-641%			0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9745	0.0255	0.9198	0.8280	0.1215
raisin			0.8889	0.1111	0.8924	0.7778	0.4271
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.7800	0.0338	0.7907	0.6989	0.2191
re1-wc			0.7530	0.0198	0.6357	0.7122	0.1760
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6081	0.3919	0.5775	0.1491	0.9209
RT_IOT2022			0.9539	0.0077	0.8515	0.8841	0.0433
satimage			0.8336	0.0555	0.7955	0.7934	0.2118
satimageF			0.9782	0.0218	0.9418	0.8803	0.1611
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9231	0.0769	0.6480	0.2931	0.6417
secondary_mushroom			0.8310	0.1690	0.8292	0.6584	0.6053
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9004	0.0284	0.9105	0.8835	0.1068
segmentation			0.7921	0.2079	0.7734	0.5468	0.6983
segmentO			0.9351	0.0649	0.8606	0.6927	0.2723
seismic			0.0659	0.9341	0.0618	0.0000	0.1669
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8451	0.1549	0.5707	0.1208	0.7226
sens-2-gram			0.8579	0.1421	0.5831	0.1261	0.6648
sens-3-gram			0.8342	0.1658	0.6149	0.2287	0.7445
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8263	0.1737	0.5857	0.1695	0.7589
sens-9-gram			0.8658	0.1342	0.6348	0.2382	0.6631
sensorless			0.7234	0.0503	0.7252	0.6958	0.2525
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8848	0.1152	0.7419	0.4277	0.4925
shuttle			0.9176	0.0235	0.5797	0.7355	0.2651
sick			0.9523	0.0477	0.7806	0.5471	0.4710
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9326	0.0674	0.9039	0.8050	0.4257
skin10%			0.9306	0.0694	0.8996	0.7974	0.4323
smarket			0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming			0.2200	0.3900	0.2170	-0.0361	0.8473
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smoking			0.7434	0.2566	0.7233	0.4467	0.7749
soil_pollution			0.2067	0.3173	0.2085	0.0078	0.8663
solar-flare			0.7770	0.0743	0.6952	0.7138	0.2037
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection			0.9455	0.0545	0.8204	0.6315	0.4435
spambase			0.8957	0.1043	0.8908	0.7767	0.4192
spect			0.7037	0.2963	0.6196	0.2340	0.8108
spectf			0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer			0.6604	0.0142	0.2893	0.6407	0.0877
splice-EI			0.9338	0.0662	0.9190	0.8334	0.3883
splice-IE			0.9117	0.0883	0.8767	0.7532	0.4631
sport-articles			0.8600	0.1400	0.8478	0.6893	0.5224
squash-stored			0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7118	0.1922	0.6788	0.5479	0.5161
steel-b			0.7897	0.2103	0.6749	0.3494	0.7648
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9590	0.0410	0.9356	0.8693	0.2472
steel-o			0.7692	0.2308	0.7374	0.4274	0.6302
steel-p			0.9077	0.0923	0.6568	0.3085	0.6532
steel-s			0.9795	0.0205	0.8697	0.7393	0.4154
steel-z			0.9436	0.0564	0.8515	0.7004	0.5093
stellar			0.8434	0.1044	0.8201	0.7055	0.3416
stock			0.8889	0.1111	0.7920	0.5583	0.4961
stockb			0.9119	0.0587	0.9179	0.8679	0.1495
streaming			0.7980	0.2020	0.7956	0.5911	0.6705
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5700	0.1720	0.3246	0.3331	0.4465
student-depression			0.8340	0.1659	0.8278	0.6535	0.5945
student-habits			0.4200	0.2320	0.1934	0.0791	0.4590
student-weekend			0.3692	0.2523	0.2874	0.1505	0.6975
student-workday			0.6562	0.1375	0.2549	0.1564	0.6364
studentap			0.7692	0.1538	0.7528	0.6455	0.3468
susy			0.7608	0.2392	0.7698	0.5038	0.6304
susy1%			0.7580	0.2420	0.7664	0.4982	0.6397
susy10%			0.7622	0.2378	0.7706	0.5070	0.6329
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8963	0.1037	0.8639	0.7263	0.4827
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			0.9935	0.0065	0.9933	0.9865	0.0509
thoracic			0.8298	0.1702	0.5713	0.1215	0.7363
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9013	0.0987	0.8738	0.7453	0.4976
tis10%			0.8358	0.1642	0.7611	0.5075	0.6266
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8824	0.0588	0.9083	0.8440	0.0951
toxicity			0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7067	0.2933	0.4141	-0.0956	0.8451

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec11-wc			0.7561	0.0542	0.6524	0.6901	0.1993
trec12-wc			0.8710	0.0323	0.9082	0.8412	0.0862
trec21-wc			0.9091	0.0364	0.7107	0.8183	0.2525
trec23-wc			0.8095	0.0635	0.8666	0.7367	0.2342
trec31-wc			0.9032	0.0323	0.8990	0.8698	0.1329
trec41-wc			0.8750	0.0250	0.7217	0.8431	0.1058
trec45-wc			0.7971	0.0406	0.7418	0.7606	0.1629
tuandromd			0.9776	0.0224	0.9659	0.9315	0.2128
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9154	0.0846	0.9085	0.8160	0.3871
tvnews10%			0.8959	0.1041	0.8870	0.7725	0.4456
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9605	0.0395	0.5581	0.0556	0.4307
urban			0.7612	0.0531	0.8053	0.7201	0.1742
urinalysis			0.9510	0.0490	0.7274	0.4373	0.5211
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7143	0.1429	0.6990	0.6196	0.2690
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5859	0.0753	0.6038	0.5444	0.2074
vowelZ			0.9495	0.0505	0.8905	0.7556	0.4786
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.7692	0.0231	0.5804	0.7403	0.1395
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.5275	0.1350	0.5139	0.4457	0.5205
watch-acc10%			0.5269	0.1352	0.5159	0.4449	0.5134
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.5128	0.1392	0.4982	0.4291	0.4871
watch-gyr10%			0.5161	0.1383	0.5084	0.4328	0.4786
water_pollution			0.2167	0.3917	0.2176	-0.0437	0.8833
waveform			0.8600	0.0933	0.8620	0.7900	0.3187
weather-related			0.9327	0.0122	0.9385	0.9235	0.0774
web-phishing			0.7852	0.1432	0.6017	0.6027	0.5050
Weekly			0.9537	0.0463	0.9547	0.9053	0.1858
weight-lift			0.5618	0.1753	0.5592	0.4466	0.5865
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9850	0.0075	0.9854	0.9800	0.0341
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5660	0.1447	0.2678	0.2964	0.4708
winequality-white			0.5215	0.1367	0.2702	0.2420	0.5116
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.9696	0.0087	0.9706	0.9616	0.0621
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.9375	0.0083	0.9164	0.9328	0.0137
yeast			0.5000	0.1000	0.3384	0.3636	0.4390
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9032	0.0194	0.8948	0.8915	0.1422

Table 216: Detailed results for SDWD(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1181	0.0840	0.0101	0.0000	0.3687
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.6000	0.4000	0.6021	0.2000	0.9166
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.0010	0.9990	0.0010	0.0000	0.0029
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.7079	0.1169	0.1658	0.0000	0.2204
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.4833	0.1033	0.0652	0.0000	0.2803
anxiety		0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.0080	0.9920	0.0080	0.0000	0.0229
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.0080	0.9920	0.0080	0.0000	0.0228

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.6444	0.0711	0.3345	0.2857	0.2144
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.7727	0.0413	0.6326	0.7243	0.1026
audit-risk		0.8205	0.1795	0.8260	0.5941	0.3821
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6500	0.1167	0.5146	0.5189	0.2776
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8871	0.0753	0.6113	0.7879	0.2115
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.5547	0.4453	0.3568	0.0000	0.5166
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.5464	0.6526	0.1421
bridges		0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.2723	0.1455	0.0428	0.0000	0.3452
cardiotocography-nsp		0.7793	0.1471	0.2920	0.0000	0.2332
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3477	0.4349	0.1720	0.0000	0.4145
cars		0.6250	0.2500	0.2564	0.0000	0.3255
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.7143	0.1905	0.4898	0.3854	0.3567
cjs		0.2429	0.2524	0.0651	0.0000	0.3839
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.3991	0.3005	0.1426	0.0000	0.3286
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.3333	0.4444	0.1667	0.0000	0.3838
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9		0.1759	0.1831	0.1457	0.0729	0.3783
codon_usage		0.2241	0.1411	0.0333	0.0000	0.3196
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.8182	0.1818	0.7561	0.4420	0.5047
collins		0.2400	0.1013	0.0524	0.1092	0.3882
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.5862	0.4138	0.4577	-0.0675	0.9445
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.6207	0.3793	0.6471	0.0963	0.4968
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.8387	0.1613	0.8092	0.5995	0.5508
column-3c		0.7419	0.1720	0.5351	0.5579	0.2707
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.5048	0.4952	0.3355	0.0000	0.5277

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.7000	0.1500	0.6268	0.6000	0.2047
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		0.6667	0.3333	0.6582	0.3077	0.8482
cultivars		0.0000	0.0500	0.0000	-0.0029	0.3822
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.7105	0.3684	0.6911
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8462	0.1538	0.8375	0.6750	0.5822
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8500	0.0750	0.6787	0.7875	0.1181
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.4966	0.3356	0.2212	0.0000	0.3715
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2500	0.2143	0.0571	0.0000	0.3741
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1368	0.0979	0.0000	0.2706
drug-17		0.3245	0.1930	0.0700	0.0000	0.3521
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.2608	0.2112	0.0591	0.0000	0.3690
ecoli		0.7647	0.0784	0.5449	0.6508	0.1556
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.1387	0.1077	0.0152	0.0000	0.3662
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4932	0.2027	0.2638	0.3033	0.3496
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.4731	0.5269	0.3212	0.0000	0.5305
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.2073	0.0933	0.0202	0.0000	0.3505
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.8125	0.0625	0.6236	0.7513	0.0899
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.8462	0.0769	0.8373	0.7849	0.1772
gas		0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.5110	0.3260	0.2255	0.0000	0.3731
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.5101	0.4899	0.3378	0.0000	0.5269
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6667	0.1111	0.3713	0.5067	0.2124
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP		0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.4707	0.2638	0.5609

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.4779	0.1492	0.0924	0.0000	0.2652
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.4493	0.0918	0.0517	0.0000	0.2692
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.7059	0.2941	0.6916	0.3511	0.7534
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8387	0.1613	0.8409	0.6681	0.5327
heart-c		0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.8800	0.1200	0.8764	0.7414	0.4310
hepatitis		0.9333	0.0667	0.8929	0.7619	0.1858
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.4970	0.5030	0.3320	0.0000	0.5287
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.5309	0.4691	0.3468	0.0000	0.5229
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5833	0.2778	0.4481	0.1401	0.3449
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8286	0.1714	0.8045	0.5333	0.3522
iris		0.8000	0.1333	0.8000	0.6875	0.2075
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.0372	0.0741	0.0028	0.0000	0.4203
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1627	0.1861	0.0311	0.0000	0.3941
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.1626	0.0930	0.0155	0.0000	0.3433
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc		0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.1765	0.0716	0.0843	0.1392	0.3179
led24		0.7000	0.0600	0.5861	0.6591	0.1063
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.0380	0.0740	0.0028	0.0000	0.4195
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.4722	0.0704	0.3508	0.4342	0.1927
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.6765	0.3235	0.4035	0.0000	0.4580
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.6981	0.0863	0.4217	0.5513	0.2343
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.2500	0.2143	0.0571	0.0000	0.3217
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.5851	0.4149	0.3691	0.0000	0.5062
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		0.8108	0.1892	0.4478	0.0000	0.3405
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.3960	0.4026	0.1891	0.0000	0.4042
math		0.7000	0.1500	0.5634	0.5072	0.3303
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.5652	0.4348	0.3611	0.0000	0.5133
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.3889	0.3056	0.4899	0.1646	0.3360
meter-D		0.6111	0.1944	0.4222	0.4299	0.2079
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
milk			0.4057	0.3962	0.1924	0.0000	0.3990
mines			0.4412	0.2235	0.2483	0.2806	0.3278
mobile			0.0175	0.0351	0.0006	0.0000	0.4297
monks-1			0.6364	0.3636	0.6382	0.2696	0.8776
monks-2			0.6557	0.3443	0.3960	0.0000	0.4711
monks-3			0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			0.5178	0.4822	0.3412	0.0000	0.5256
music			0.2750	0.1318	0.0392	0.0000	0.3477
musk			0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6			0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors			0.5739	0.4261	0.3646	0.0000	0.5103
myocardial			0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid			0.5012	0.4988	0.3339	0.0000	0.5282
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA			0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%			0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%			0.0057	0.1047	0.0006	0.0000	0.1658
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT			0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc			0.0105	0.0450	0.0005	0.0000	0.4162
newspop			0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction			0.8414	0.1586	0.4569	0.0000	0.3047
nomao			0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits			0.5278	0.3148	0.2303	0.0000	0.3630
nursery			0.3333	0.3333	0.1250	0.0000	0.3449
obesity			0.1659	0.2383	0.0406	0.0000	0.3993
obs			0.4630	0.2685	0.1582	0.0000	0.3435
occupancy			0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation			0.8124	0.0938	0.2241	0.0000	0.1814
oh0-wc			0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc			0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc			0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc			0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc			0.1461	0.1708	0.0255	0.0000	0.3953
olive			0.4561	0.1209	0.1475	0.1954	0.2890
opn310k			0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%			0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ			0.9110	0.0890	0.4767	0.0000	0.2060
orl			0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P			0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer			0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9249	0.0751	0.4805	0.0000	0.1826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP			0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9031	0.0388	0.1898	0.0000	0.0975
parkinson			0.5917	0.4083	0.3717	0.0000	0.5035
parkinsons			0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.7194	0.2806	0.4184	0.0000	0.4268
particle10%			0.7192	0.2808	0.4183	0.0000	0.4269
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			0.8000	0.2000	0.4444	0.0000	0.3522
pd			0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia			0.2353	0.2185	0.0544	0.0000	0.3686
pendigits			0.0864	0.1827	0.0159	0.0000	0.4092
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1413	0.2453	0.0354	0.0000	0.4030
phone-acc0.1%			0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7167	0.2833	0.4175	0.0000	0.4290
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6053	0.3947	0.3770	0.0000	0.4977
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.6422	0.3578	0.3910	0.0000	0.4790
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6473	0.2353	0.7560
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.2121	0.1212	0.0949	0.1263	0.3592
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.4000	0.6000	0.2857	0.0000	0.5239
prostate			0.5714	0.4286	0.3636	0.0000	0.5112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8000	0.2000	0.8211	0.6000	0.5074
rcv11%			0.0019	0.0487	0.0001	0.0000	0.3465
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.2271	0.2576	0.0617	0.0000	0.3819
satimageF			0.8911	0.1089	0.4712	0.0000	0.2371
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.7059	0.2941	0.7073	0.4118	0.8058
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9048	0.0635	0.9048	0.8571	0.1813
segment			0.1169	0.2523	0.0299	0.0000	0.4070
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			0.8528	0.1472	0.4603	0.0000	0.2903
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.1339	0.8661	0.1181	0.0000	0.2968
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.6029	0.0418	0.4531	0.5511	0.1608

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.6043	0.3957	0.3767	0.0000	0.4981
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.2885	0.0527	0.0840	0.2214	0.2594
splice-EI			0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE			0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles			0.6300	0.3700	0.3865	0.0000	0.4856
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.3304	0.4464	0.1656	0.0000	0.4171
streaming			0.5520	0.4480	0.3557	0.0000	0.5174
stress			0.3968	0.2413	0.2574	0.2491	0.2444
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.3279	0.1250	0.4208
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.0582	0.1712	0.0100	0.0000	0.4133
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.6773	0.3227	0.4038	0.0000	0.4575
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.7250	0.1375	0.7050	0.6333	0.2529
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.4776	0.1161	0.2992	0.3717	0.2979
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.1548	0.4226	0.0670	0.0000	0.4130
vehicleVAN			0.7500	0.2500	0.4286	0.0000	0.4011
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.0909	0.1653	0.0152	0.0000	0.4085
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.5185	0.3210	0.2276	0.0000	0.3298
Weekly			0.5556	0.4444	0.3571	0.0000	0.5164
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc			0.2500	0.3750	0.1000	0.0000	0.4042
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white			0.4479	0.1578	0.0884	0.0000	0.2575
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9649	0.0351	0.9629	0.9231	0.1408
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.2365	0.1527	0.0383	0.0000	0.3028
yeastCYT-POX			0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 217: Detailed results for SDWD(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1205	0.0838	0.0217	0.0043	0.3639
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.6000	0.4000	0.6021	0.2000	0.9166
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.8090	0.0764	0.3776	0.4596	0.1451
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.4833	0.1033	0.0652	0.0000	0.2803
anxiety		0.1250	0.1944	0.0597	0.0057	0.5538
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.6000	0.4000	0.3750	0.0000	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.5556	0.0889	0.0714	0.0000	0.2612
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.4545	0.0992	0.1191	0.3016	0.2429
audit-risk		0.8205	0.1795	0.8260	0.5941	0.3821
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6000	0.1333	0.3201	0.4406	0.2357
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8871	0.0753	0.6113	0.7879	0.2115
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.5547	0.4453	0.3568	0.0000	0.5166
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5820	0.5644	0.1810
bridges		0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.4225	0.1155	0.3348	0.2408	0.3007
cardiotocography-nsp		0.7793	0.1471	0.2920	0.0000	0.2332
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3477	0.4349	0.1720	0.0000	0.4145
cars		0.6500	0.2333	0.4450	0.0924	0.3143
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.4898	0.3854	0.3567
cjs		0.2429	0.2524	0.0651	0.0000	0.3839
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.3991	0.3005	0.1426	0.0000	0.3286
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.3333	0.4444	0.1667	0.0000	0.3838
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2241	0.1411	0.0333	0.0000	0.3196
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.8182	0.1818	0.7561	0.4420	0.5047
collins		0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.5862	0.4138	0.4577	-0.0675	0.9445
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.6207	0.3793	0.5943	0.1212	0.7498
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c		0.7931	0.2069	0.6969	0.2018	0.3671
column-2c		0.8387	0.1613	0.8092	0.5995	0.5508
column-3c		0.7419	0.1720	0.6525	0.5739	0.3295
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%		0.5173	0.4827	0.3409	0.0000	0.5256
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.5048	0.4952	0.3355	0.0000	0.5277

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		0.7778	0.2222	0.7750	0.5500	0.7072
cultivars		0.3438	0.0328	0.2154	0.3267	0.1024
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7407	0.2593	0.7463	0.4522	0.6597
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8462	0.1538	0.8375	0.6750	0.5822
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.4966	0.3356	0.2212	0.0000	0.3715
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3936	0.1733	0.1586	0.2125	0.3773
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1368	0.0979	0.0000	0.2706
drug-17		0.3245	0.1930	0.0700	0.0000	0.3521
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.2608	0.2112	0.0591	0.0000	0.3690
ecoli		0.8529	0.0490	0.7151	0.7896	0.1138
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU		0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.1387	0.1077	0.0152	0.0000	0.3662
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6301	0.1479	0.6070	0.5133	0.3763
euthyroid		0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.2073	0.0933	0.0202	0.0000	0.3505
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.8846	0.0577	0.8670	0.8395	0.1128
gas		0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.5110	0.3260	0.2255	0.0000	0.3731
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.5101	0.4899	0.3378	0.0000	0.5269
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6190	0.1270	0.4992	0.4437	0.2915
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP		0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4000	0.3000	0.3232	0.1667	0.4293

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gsalc		0.5556	0.1481	0.5833	0.4706	0.1452
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.4779	0.1492	0.0924	0.0000	0.2652
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth		0.0012	0.1665	0.0002	0.0000	0.3230
harth1%		0.4493	0.0918	0.0517	0.0000	0.2692
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.1875	0.5417	0.1381	-0.3506	0.6600
hcc-survival		0.7059	0.2941	0.6913	0.3796	0.8165
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8387	0.1613	0.8409	0.6681	0.5327
heart-c		0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.8800	0.1200	0.8764	0.7414	0.4310
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.5309	0.4691	0.3468	0.0000	0.5229
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.1492	0.0375	0.3977
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6667	0.2222	0.5099	0.3374	0.3110
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8286	0.1714	0.8045	0.5333	0.3522
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.0372	0.0741	0.0028	0.0000	0.4203
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1627	0.1861	0.0311	0.0000	0.3941
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.1626	0.0930	0.0155	0.0000	0.3433
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc		0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7353	0.0230	0.6909	0.7216	0.0737
led24		0.6500	0.0700	0.6149	0.6045	0.1488
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0380	0.0740	0.0028	0.0000	0.4195
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.0556	0.1259	0.0070	0.0000	0.4122
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.6765	0.3235	0.4035	0.0000	0.4580
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.7925	0.0593	0.4712	0.7064	0.1513
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.5000	0.1429	0.4511	0.4074	0.2173
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.7778	0.2222	0.8000	0.5263	0.4308
lymphography		0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.5851	0.4149	0.3691	0.0000	0.5062
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		0.8108	0.1892	0.4478	0.0000	0.3405
mammography		0.8333	0.1667	0.8325	0.6645	0.5960
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.5347	0.3102	0.4853	0.2531	0.3652
math		0.8250	0.0875	0.8178	0.7252	0.2331
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.5652	0.4348	0.3611	0.0000	0.5133
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		0.7778	0.1481	0.5926	0.6400	0.1389
meter-C		0.8889	0.0556	0.9184	0.8448	0.1344
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.9250	0.0150	0.9249	0.9167	0.0910
mfeat-fou		0.7700	0.0460	0.7771	0.7444	0.2028
mfeat-kar		0.9450	0.0110	0.9481	0.9389	0.0637
mfeat-mor		0.7200	0.0560	0.6964	0.6889	0.1833
mfeat-pix		0.9250	0.0150	0.9295	0.9167	0.0855
mfeat-zer		0.7550	0.0490	0.7357	0.7278	0.1875
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
milk		0.7075	0.1950	0.6538	0.5335	0.4630
mines		0.5294	0.1882	0.4430	0.4113	0.3207
mobile		0.8497	0.0054	0.8581	0.8469	0.0684
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.5178	0.4822	0.3412	0.0000	0.5256
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.5739	0.4261	0.3646	0.0000	0.5103
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		0.8414	0.1586	0.4569	0.0000	0.3047
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.5877	0.1178	0.5821	0.5172	0.3369
obs		0.5463	0.2269	0.4046	0.1989	0.2859
occupancy		0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation		0.8124	0.0938	0.2241	0.0000	0.1814
oh0-wc		0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc		0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc		0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc		0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
P-Glycoprotein_c_RDkit_AtomPair_FP			0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9031	0.0388	0.1898	0.0000	0.0975
parkinson			0.5917	0.4083	0.3717	0.0000	0.5035
parkinsons			0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.7194	0.2806	0.4184	0.0000	0.4268
particle10%			0.7192	0.2808	0.4183	0.0000	0.4269
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			0.8000	0.2000	0.4444	0.0000	0.3522
pd			0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia			0.2353	0.2185	0.0544	0.0000	0.3686
pendigits			0.0864	0.1827	0.0159	0.0000	0.4092
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr			0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr0.1%			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7167	0.2833	0.4175	0.0000	0.4290
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6053	0.3947	0.3770	0.0000	0.4977
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.6422	0.3578	0.3910	0.0000	0.4790
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6473	0.2353	0.7560
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.4848	0.0793	0.3601	0.4222	0.2240
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.4000	0.6000	0.2857	0.0000	0.5239
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8000	0.2000	0.8211	0.6000	0.5074
re0-wc			0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.2271	0.2576	0.0617	0.0000	0.3819
satimageF			0.8911	0.1089	0.4712	0.0000	0.2371
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9048	0.0272	0.9151	0.8886	0.1030
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			0.8528	0.1472	0.4603	0.0000	0.2903
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7266	0.0911	0.5276	0.6462	0.1831
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.7059	0.0310	0.3555	0.6700	0.1118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.6043	0.3957	0.3767	0.0000	0.4981
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.1154	0.0655	0.0077	0.0000	0.3891
splice-EI			0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE			0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles			0.6300	0.3700	0.3865	0.0000	0.4856
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.3304	0.4464	0.1656	0.0000	0.4171
streaming			0.5520	0.4480	0.3557	0.0000	0.5174
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3692	0.2523	0.1171	0.0231	0.4205
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6154	0.2564	0.4782	0.3750	0.4230
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.7982	0.0367	0.8172	0.7780	0.1801
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.6773	0.3227	0.4038	0.0000	0.4575
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.7750	0.1125	0.7815	0.7000	0.2487
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%			0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.6418	0.0796	0.4711	0.5723	0.2247
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.5595	0.2202	0.5249	0.4057	0.5236
vehicleVAN			0.7500	0.2500	0.4286	0.0000	0.4011
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6768	0.0588	0.6967	0.6444	0.1662
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.8462	0.0308	0.7560	0.8255	0.0452
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.5185	0.3210	0.2276	0.0000	0.3298
Weekly			0.5556	0.4444	0.3571	0.0000	0.5164
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc			0.9800	0.0100	0.9807	0.9733	0.0350
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white			0.4479	0.1578	0.0884	0.0000	0.2575
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9649	0.0351	0.9629	0.9231	0.1408
yale			0.7500	0.0333	0.7318	0.7322	0.0609
yeast			0.3446	0.1311	0.2906	0.1583	0.3293
yeastCYT-POX			0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 218: Detailed results for SGDC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2072	0.0755	0.1736	0.1322	0.5149
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9726	0.0274	0.9419	0.8830	0.2343
adult		0.8237	0.1763	0.7826	0.5564	0.6608
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_KlekotaRothFingerprinter		0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.8190	0.1810	0.6503	0.2872	0.7333
AID_602330		0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128		0.8081	0.1279	0.2980	-0.0848	0.4092
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.8835	0.1165	0.5402	0.0804	0.6801
AID1608red		0.8447	0.1553	0.4579	-0.0785	0.5812
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9963	0.0037	0.4991	-0.0002	0.1628
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7793	0.2207	0.6665	0.3177	0.7546
air_pollution		0.0900	0.2600	0.0236	0.0000	0.3741
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8710	0.1290	0.8684	0.7363	0.5103
alcohol		0.6952	0.1219	0.2092	0.2453	0.3719
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7442	0.2558	0.7701	0.5013	0.6494
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9764	0.0236	0.5542	0.0949	0.4474
anuran-family		0.9193	0.0403	0.7063	0.8459	0.3444
anuran-genus		0.9263	0.0184	0.7962	0.8787	0.2478
anuran-species		0.9292	0.0142	0.8142	0.9011	0.1184
anxiety		0.0583	0.2093	0.0205	-0.0660	0.5138
apple-quality		0.6425	0.3575	0.6470	0.2850	0.8643
aps-failure		0.9780	0.0220	0.5513	0.0791	0.5299
arabidopsis		0.9919	0.0081	0.4980	-0.0000	0.0397
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.6717	0.3043	0.4414
arabidopsis10%		0.9919	0.0081	0.4980	-0.0001	0.0837

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia		0.7556	0.0489	0.5539	0.5816	0.2235
auction		0.7794	0.2206	0.6748	0.3129	0.6587
audiology		0.9091	0.0165	0.9203	0.8947	0.0445
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.9857	0.0143	0.9820	0.9633	0.0649
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.5500	0.1800	0.4394	0.3662	0.3063
avila		0.4451	0.0925	0.2360	0.2208	0.5169
babies		0.3226	0.1935	0.1218	-0.0467	0.5470
balance		0.9032	0.0645	0.8104	0.8242	0.2810
bank		0.8912	0.1088	0.7822	0.5485	0.6145
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8134	0.1866	0.8044	0.6062	0.6488
basehock		0.9648	0.0352	0.9648	0.9296	0.2044
bio		0.9969	0.0031	0.9057	0.8053	0.1933
bio10%		0.9959	0.0041	0.8836	0.7672	0.3698
biodeg		0.7810	0.2190	0.8203	0.5818	0.4830
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0013	0.0451	-0.0000	0.0145
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5299	0.2351	0.5240	0.3731	0.5783
bookings		0.6346	0.2436	0.4170	0.0172	0.2573
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.5738	0.0968	0.7455
breast-cancer-co		0.4545	0.5455	0.4655	-0.0645	0.9927
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.7338	0.7778	0.0925
bridges		0.8000	0.0667	0.5714	0.7143	0.0636
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9094	0.0906	0.6047	0.0158	0.2534
bub8at310k-hg16-17		0.9029	0.0971	0.6569	0.3022	0.6472
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.5000	0.5000	0.3333	-0.2308	1.0000
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.3570	0.4287	0.3215	-0.0182	0.8069
car		0.8333	0.0833	0.7214	0.6485	0.3851
car-insurance		0.8440	0.1560	0.8136	0.6242	0.5972
card		0.8261	0.1739	0.8204	0.6397	0.6143
cardiotocography		0.7746	0.0451	0.7376	0.7287	0.2578
cardiotocography-nsp		0.8498	0.1002	0.7703	0.6208	0.4142
cardiovascular		0.7029	0.2971	0.7033	0.4057	0.8149
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6684	0.4756	0.4131
cas_N6512_cdk_ECFP2		0.7542	0.2458	0.7526	0.4998	0.7314
cas_N6512_rdkit_ATOMPAIR		0.6631	0.3369	0.6613	0.3058	0.8302
cas_N6512_RDkit_AtomPair_FP		0.6886	0.3114	0.6859	0.3638	0.8201
cas_N6512_rdkit_AVALON		0.7419	0.2581	0.7406	0.4812	0.7634
cas_N6512_RDkit_Avalon_FP		0.7730	0.2270	0.7735	0.5365	0.6842
cas_N6512_rdkit_descriptors		0.6354	0.3646	0.6480	0.2830	0.8545
cas_N6512_rdkit_FEATMORGAN		0.6928	0.3072	0.7096	0.3972	0.7671
cas_N6512_RDkit_Featmorgan_FP		0.7669	0.2331	0.7663	0.5323	0.7228
cas_N6512_RDkit_FP		0.6886	0.3114	0.6872	0.3744	0.8360
cas_N6512_rdkit_LAYERED		0.7538	0.2462	0.7538	0.5069	0.7424
cas_N6512_RDkit_Layered_FP		0.7086	0.2914	0.7253	0.4278	0.7444

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7496	0.2504	0.7506	0.4868	0.7143
cas_N6512_RDkit_MACCS_FP		0.7377	0.2623	0.7353	0.4695	0.7676
cas_N6512_rdkit_MORGAN		0.7308	0.2692	0.7283	0.4559	0.7788
cas_N6512_RDkit_morgan_FP		0.6979	0.3021	0.7169	0.4080	0.7498
cas_N6512_rdkit_PATTERN		0.7108	0.2892	0.7143	0.4030	0.7458
cas_N6512_RDkit_pattern_FP		0.6610	0.3390	0.7035	0.3455	0.6947
cas_N6512_rdkit_RDKITFP		0.6989	0.3011	0.6986	0.3967	0.8213
cas_N6512_rdkit_TORSION		0.6831	0.3169	0.6798	0.3535	0.8313
ccds		0.9618	0.0382	0.6992	0.3790	0.5245
ccds1%		0.9176	0.0824	0.5391	0.0758	0.5870
ccds10%		0.9328	0.0672	0.6294	0.2517	0.6006
cdc_diabetes		0.8463	0.1025	0.4094	0.1055	0.2701
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7824	0.2176	0.7710	0.5386	0.7038
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.8996	0.1004	0.6231	0.2277	0.5900
CDS49_AID687_Rdkit-ecfp4-fp		0.9958	0.0042	0.4989	-0.0021	0.5356
census		0.9495	0.0505	0.7380	0.3981	0.3599
census10%		0.9475	0.0525	0.7122	0.2085	0.1413
central-nervous-system		0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8326	0.0837	0.8285	0.7498	0.2829
chrom19		0.9992	0.0008	0.7619	0.5201	0.4566
chrom191%		0.9982	0.0018	0.8232	0.5707	0.5239
chrom1910%		0.9987	0.0013	0.7262	0.4494	0.5301
chrom21		0.9997	0.0003	0.5561	0.1051	0.5263
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9157	0.0843	0.6868	0.3716	0.6368
churn		0.7920	0.2080	0.6322	0.2502	0.7647
churn-bigml		0.8689	0.1311	0.6914	0.3587	0.6374
ci900367j_MACCS		0.7368	0.2632	0.7379	0.4669	0.7493
circles		0.1410	0.0172	0.1232	0.1323	0.2778
cirrhosis		0.7381	0.1746	0.6314	0.5380	0.5586
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.9500	0.0500	0.9461	0.8864	0.1761
clave		0.7620	0.1190	0.4773	0.6092	0.3146
climate		0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4558	0.3628	0.4427	0.1526	0.7760
cnae-9		0.8981	0.0226	0.9006	0.8854	0.1052
codon_usage		0.8120	0.0342	0.6013	0.7704	0.2876
coil20		0.9861	0.0014	0.9866	0.9854	0.0097
college		0.8701	0.1299	0.8557	0.6995	0.5389
collins		0.4000	0.0800	0.3668	0.3318	0.2811
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2		0.5862	0.4138	0.5451	0.0890	0.9496
colposcopies-3		0.6552	0.3448	0.6675	0.3224	0.8322
colposcopies-4		0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5		0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6		0.6207	0.3793	0.6316	0.2276	0.8192
colposcopies-c		0.6207	0.3793	0.4553	-0.0887	0.9178
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7097	0.1935	0.6663	0.5396	0.3126

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons		0.5503	0.4497	0.5566	0.1090	0.9468
comedy_comparisons1%		0.5338	0.4662	0.5303	0.0586	0.9702
comedy_comparisons10%		0.5813	0.4187	0.5814	0.1627	0.9438
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.6995	0.3005	0.7029	0.4000	0.8062
coupon		0.6632	0.3368	0.6517	0.3001	0.8657
covid19		0.5361	0.1325	0.2156	0.1630	0.3440
covtype		0.6789	0.0917	0.4759	0.4486	0.3462
covtype10%		0.6299	0.1057	0.4737	0.4214	0.3735
covtypeCD		0.9304	0.0696	0.8399	0.6262	0.2019
covtypeT		0.9403	0.0597	0.7434	0.4795	0.5526
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9992	0.0008	0.8739	0.7313	0.1785
creditcard_trans10%		0.9986	0.0014	0.7605	0.4993	0.3807
crowdsourced		0.8673	0.0442	0.6240	0.7132	0.2867
cryotherapy		0.5556	0.4444	0.5791	0.1429	0.8961
cultivars		0.2812	0.0449	0.2375	0.2581	0.1759
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1500	0.2833	0.0714	-0.0126	0.5127
cyclopentane		0.7407	0.2593	0.7403	0.4793	0.7616
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.7222	0.2778	0.7358	0.4444	0.7161
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0966	0.1807	0.1000	-0.0036	0.5744
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7757	0.2243	0.5607	0.0504	0.6140
defect		0.8241	0.1759	0.5976	0.1736	0.7367
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8985	0.1015	0.6958	0.3317	0.5252
depressed		0.7133	0.2867	0.4952	-0.0096	0.8249
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4099	0.2000	0.4997
dexter		0.6167	0.3833	0.6167	0.2333	0.9132
df_final		0.6875	0.2083	0.6844	0.5349	0.3571
DIA		0.7167	0.2833	0.6306	0.2609	0.8304
diabetes		0.8269	0.1731	0.8200	0.6087	0.5078
diabetes-100k		0.9285	0.0715	0.7237	0.2568	0.1780
diabetes-risk		0.8477	0.1523	0.7467	0.4819	0.6386
diabetic		0.5421	0.3053	0.4238	0.1816	0.6447
diabetic1%		0.5686	0.2876	0.5122	0.2100	0.5954
diabetic10%		0.5236	0.3176	0.3509	0.0490	0.6825
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8500	0.0750	0.8409	0.7978	0.2032
diamonds_all		0.5658	0.1737	0.4509	0.3859	0.4754
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih		0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9934	0.0066	0.5555	0.1050	0.4755
dna1%		0.9973	0.0027	0.6255	0.1041	0.2161
dna10%		0.9972	0.0028	0.4993	0.0000	0.0132
dorothea		0.9304	0.0696	0.7608	0.4682	0.4114
dota2		0.5798	0.4202	0.5871	0.1686	0.9233
dota210%		0.5447	0.4553	0.5427	0.0478	0.7897
drebin		0.9754	0.0246	0.9736	0.9473	0.1652
dropout		0.6772	0.2152	0.6081	0.4791	0.5857
drug-01		0.2394	0.2173	0.1441	-0.0002	0.7603

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-02		0.4415	0.1596	0.1848	0.1600	0.6011
drug-03		0.5745	0.1418	0.1895	0.0864	0.6053
drug-04		0.4362	0.1611	0.1524	0.0899	0.6225
drug-05		0.6330	0.1049	0.1607	0.0073	0.7415
drug-06		0.3457	0.1869	0.2266	0.1826	0.6587
drug-07		0.3511	0.2163	0.2088	0.0389	0.6639
drug-08		0.4787	0.1489	0.1895	0.1191	0.4894
drug-09		0.8404	0.0532	0.1805	0.0502	0.5042
drug-10		0.4787	0.1489	0.2050	0.1772	0.6560
drug-11		0.8457	0.0441	0.1655	0.0474	0.2430
drug-12		0.6596	0.1135	0.1738	0.0554	0.6955
drug-13		0.5691	0.1231	0.2269	0.3056	0.6484
drug-14		0.5266	0.1353	0.2340	0.2559	0.5223
drug-15		0.7128	0.0821	0.1193	-0.0404	0.5105
drug-16		0.4787	0.1738	0.2343	0.1595	0.6916
drug-17		0.2926	0.2021	0.1676	0.0956	0.7399
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7181	0.0805	0.1209	-0.0068	0.4938
drybean		0.9118	0.0252	0.9291	0.8932	0.1260
ecoli		0.7353	0.0882	0.6090	0.6072	0.2036
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.7879	0.2121	0.6630	0.2667	0.6632
ecoliMU		0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2800	0.3600	0.3093	0.0381	0.6404
eeg		0.2952	0.0881	0.3254	0.2237	0.7317
eeg-eye		0.6035	0.3965	0.5968	0.1932	0.9274
eeg10%		0.2437	0.0945	0.2506	0.1607	0.7132
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.1370	0.3452	0.0482	-0.0184	0.4490
euthyroid		0.9430	0.0570	0.8198	0.5657	0.1540
exon.vs.intron-freq		0.8916	0.1084	0.8930	0.7835	0.4455
exon.vs.intron-freq10%		0.8639	0.1361	0.8635	0.7268	0.5272
fakenews		0.4950	0.5050	0.4986	-0.0005	0.6561
farm-ads		0.8937	0.1063	0.8932	0.7865	0.4510
fbis-wc		0.7927	0.0244	0.7071	0.7651	0.1866
fertility		0.6000	0.4000	0.3750	-0.1765	0.5613
finance		0.9608	0.0392	0.9604	0.9208	0.2238
financial-risk		0.7580	0.0807	0.6090	0.6074	0.2587
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.4000	0.1714	0.2891	0.2638	0.3608
fonts10%		0.3351	0.0087	0.0627	0.2887	0.4677
forest		0.9423	0.0288	0.9298	0.9208	0.1023
gas		0.9799	0.0067	0.9800	0.9756	0.0461
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6084	0.2611	0.5136	0.1680	0.5077
gene		0.8927	0.0715	0.8757	0.8272	0.2852
german		0.7200	0.2800	0.6923	0.3846	0.8106
gestures		0.2868	0.3566	0.2833	0.0493	0.8398
gina		0.8242	0.1758	0.8245	0.6486	0.6150
gisette		0.9600	0.0400	0.9600	0.9200	0.2258
glass		0.7143	0.0952	0.7087	0.5949	0.1747
glass-g2		0.6250	0.3750	0.7241	0.3333	0.5283
glassBWFP		0.5714	0.4286	0.5566	0.1127	0.9423
glassBWNFP		0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.8571	0.1429	0.7918	0.5772	0.5973
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glassVWFP		0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.7500	0.2500	0.7895	0.5000	0.5283
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.2667	0.3667	0.1111	-0.0061	0.3999
gsalc		0.6667	0.1111	0.6377	0.5970	0.1526
haberman		0.7667	0.2333	0.6698	0.3226	0.7594
hapt		0.9515	0.0081	0.8285	0.9426	0.0617
har		0.6998	0.1201	0.6877	0.6192	0.4549
har70		0.7610	0.0683	0.3929	0.6122	0.1731
har701%		0.7611	0.0683	0.4276	0.6172	0.2324
har7010%		0.7589	0.0689	0.4120	0.6107	0.1889
harth		0.6521	0.0580	0.2133	0.4935	0.2369
harth1%		0.6596	0.0567	0.2373	0.5158	0.2607
harth10%		0.6552	0.0575	0.2191	0.4991	0.2263
hayes-roth		0.3750	0.4167	0.2946	-0.0526	0.7341
hcc-survival		0.5882	0.4118	0.5502	0.0916	0.9258
health-activity		0.7200	0.1400	0.2156	0.0560	0.5094
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8387	0.1613	0.8369	0.6723	0.5819
heart-c		0.8333	0.1667	0.8559	0.6725	0.4125
heart-failure		0.7800	0.2200	0.7290	0.4432	0.7075
heart-quantum		0.9200	0.0800	0.9168	0.8305	0.3495
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.8371	0.1629	0.8371	0.6741	0.5894
hepmass1%		0.8290	0.1710	0.8298	0.6581	0.6015
hepmass10%		0.8330	0.1670	0.8330	0.6659	0.5981
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.6398	0.3602	0.6371	0.2668	0.8762
higgs0.1%		0.5282	0.4718	0.5258	0.0516	0.9833
higgs1%		0.6133	0.3867	0.6099	0.2187	0.9161
higgs10%		0.6298	0.3702	0.6269	0.2523	0.8995
higher		0.2857	0.1786	0.1585	0.1667	0.3029
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa		0.9275	0.0725	0.8654	0.7273	0.4282
hiva		0.9504	0.0496	0.5350	0.0639	0.6223
horse		0.6389	0.2407	0.4899	0.2733	0.3240
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.5721	0.2852	0.5750	0.3587	0.6578
ht-sensor10%		0.5532	0.2979	0.5553	0.3285	0.6783
htru2		0.9743	0.0257	0.9184	0.8277	0.1656
hypothyroid		0.9496	0.0252	0.6027	0.6173	0.1367
hypothyroidT		0.9523	0.0477	0.8080	0.5301	0.1339
ilpd		0.7119	0.2881	0.5834	0.1301	0.7904
immuno-therapy		0.6667	0.3333	0.7404	0.3721	0.5239
instagram		0.9500	0.0250	0.9509	0.9333	0.0944
ionosphere		0.8857	0.1143	0.8767	0.7473	0.4951
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.9243	0.0058	0.9259	0.9212	0.0671
jm1		0.7879	0.2121	0.6232	0.2404	0.7835
jvowels		0.9177	0.0183	0.9124	0.9066	0.1130

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1		0.7962	0.2038	0.6545	0.3049	0.7430
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.7692	0.0923	0.3810	0.4265	0.1384
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6541	0.3082	0.7873
kdc-4007		0.8279	0.0492	0.8313	0.7992	0.2608
kddcup98		0.9432	0.0568	0.5165	0.0154	0.5000
kddcup981%		0.5789	0.4211	0.4966	-0.0026	0.3254
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9985	0.0001	0.4504	0.9974	0.0229
kddcup991%		0.9964	0.0006	0.8031	0.9938	0.0729
kddcup9910%		0.9986	0.0001	0.7318	0.9977	0.0342
kepler		0.8536	0.0976	0.8005	0.7598	0.2478
kidney		0.7984	0.0806	0.1776	-0.0019	0.2214
kidney-disease		0.9750	0.0250	0.9737	0.9459	0.1112
krkopt		0.2652	0.0816	0.2482	0.1647	0.5517
krvskp		0.9154	0.0846	0.9177	0.8294	0.3431
la1s-wc		0.8159	0.0614	0.7747	0.7685	0.2380
la2s-wc		0.8974	0.0342	0.8900	0.8686	0.1326
labor		0.6667	0.3333	0.6250	0.2500	0.8750
leaf		0.7353	0.0230	0.7406	0.7233	0.0633
led24		0.6500	0.0778	0.6191	0.6034	0.1824
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.6330	0.0282	0.6417	0.6183	0.3203
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.7222	0.0370	0.7527	0.7027	0.1167
linkage		0.9999	0.0001	0.9930	0.9860	0.0198
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9999	0.0001	0.9916	0.9830	0.0009
liver		0.5882	0.4118	0.4792	-0.0393	0.9586
loan		0.8525	0.1475	0.8409	0.6792	0.5565
localization		0.1114	0.1616	0.0182	0.0000	0.3303
localization10%		0.1650	0.1518	0.0258	0.0000	0.3230
lrs		0.8679	0.0377	0.6419	0.8165	0.0925
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.9000	0.7805	0.3522
lymphography		0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.9362	0.0638	0.9342	0.8675	0.3098
madelon		0.4846	0.5154	0.4844	-0.0308	1.0000
magic04		0.7728	0.2272	0.7404	0.4659	0.7032
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7604	0.2396	0.7776	0.5282	0.6506
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.5842	0.2772	0.5760	0.3678	0.5944
math		0.6500	0.1750	0.5513	0.4662	0.3449
mba		0.7694	0.1538	0.4599	0.3437	0.3636
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2033	0.3187	0.1932	0.0097	0.5519
messidor		0.7391	0.2609	0.7327	0.4643	0.7685
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
meter-B			1.0000	0.0000	1.0000	1.0000	0.0000
meter-C			1.0000	0.0000	1.0000	1.0000	0.0000
meter-D			0.8333	0.0833	0.6813	0.7642	0.1404
mfeat-fac			0.9700	0.0060	0.9709	0.9667	0.0319
mfeat-fou			0.7750	0.0450	0.7821	0.7500	0.1969
mfeat-kar			0.9400	0.0120	0.9415	0.9333	0.0735
mfeat-mor			0.6650	0.0670	0.6612	0.6278	0.2075
mfeat-pix			0.9600	0.0080	0.9615	0.9556	0.0449
mfeat-zer			0.7500	0.0500	0.7679	0.7222	0.2013
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			0.7547	0.1635	0.7385	0.6208	0.4881
mines			0.3529	0.2588	0.3463	0.2017	0.4843
mobile			0.5524	0.0160	0.6451	0.5444	0.1878
monks-1			0.7091	0.2909	0.7566	0.4118	0.4822
monks-2			0.4918	0.5082	0.4668	-0.0654	0.9685
monks-3			0.7679	0.2321	0.7783	0.5392	0.6681
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4494	0.1001	0.4641	0.3396	0.5987
musk			0.9242	0.0758	0.8550	0.7101	0.4939
MUT_ci300400a_cdk_ECFP2			0.7782	0.2218	0.7733	0.5463	0.7086
MUT_ci300400a_cdk_ECFP4			0.6958	0.3042	0.7196	0.4110	0.7426
MUT_ci300400a_cdk_ECFP6			0.7353	0.2647	0.7279	0.4558	0.7777
MUT_ci300400a_cdk_ESTATE			0.6523	0.3477	0.6424	0.2081	0.7142
MUT_ci300400a_cdk_EXTENDED			0.7626	0.2374	0.7530	0.5029	0.7296
MUT_ci300400a_cdk_FCFP2			0.7593	0.2407	0.7575	0.5126	0.7326
MUT_ci300400a_cdk_FCFP4			0.7350	0.2650	0.7349	0.4662	0.7647
MUT_ci300400a_cdk_FCFP6			0.7866	0.2134	0.7785	0.5486	0.6719
MUT_ci300400a_cdk_MACCS			0.6787	0.3213	0.6966	0.3735	0.7869
MUT_ci300400a_cdk_PUBCHEM			0.6443	0.3557	0.6961	0.3327	0.7083
MUT_ci300400a_cdk_STANDARD			0.7449	0.2551	0.7380	0.4759	0.7633
MUT_ci300400a_rdkit_descriptors			0.6867	0.3133	0.6966	0.3819	0.8032
myocardial			0.8176	0.0456	0.2063	0.2877	0.2716
naticusdroid			0.9591	0.0409	0.9593	0.9182	0.2248
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA			0.8683	0.0139	0.2288	0.5944	0.2178
ncRNA1%			0.8686	0.0138	0.2573	0.5570	0.2170
ncRNA10%			0.8727	0.0134	0.2922	0.6044	0.3290
neo			0.9054	0.0946	0.6410	0.0682	0.2894
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.7616	0.0108	0.7670	0.7539	0.1770
newspop			0.5595	0.4405	0.5583	0.1165	0.9610
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9272	0.0728	0.9099	0.8096	0.2813
NPHA-doctor-visits			0.4167	0.3889	0.3416	0.0520	0.8125
nursery			0.9082	0.0459	0.6918	0.8638	0.1296
obesity			0.5498	0.1286	0.5517	0.4706	0.3427
obs			0.7593	0.1204	0.8110	0.6385	0.2814
occupancy			0.9883	0.0117	0.9839	0.9675	0.1280
Occupancy_Estimation			0.9872	0.0064	0.9558	0.9610	0.0469
oh0-wc			0.7624	0.0475	0.7369	0.7270	0.2243
oh10-wc			0.6571	0.0686	0.5997	0.6107	0.3264
oh15-wc			0.7174	0.0565	0.6772	0.6812	0.2951
oh5-wc			0.7363	0.0527	0.7074	0.7012	0.2369
ohscal-wc			0.7330	0.0534	0.7215	0.7010	0.3522
olive			0.9298	0.0156	0.9014	0.9123	0.0427

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
opn310k			0.9081	0.0919	0.4759	-0.0019	0.2777
opn310k10%			0.8799	0.1201	0.6526	0.3040	0.6801
opnat310k-hg16-17			0.9091	0.0909	0.6125	0.0036	0.2194
optdigits			0.9555	0.0089	0.9572	0.9505	0.0628
optdigitsZ			0.9964	0.0036	0.9889	0.9776	0.0175
orl			0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9684	0.0316	0.7198	0.4137	0.4786
ozone8hr			0.8024	0.1976	0.6510	0.2394	0.5515
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7990	0.2010	0.7847	0.5665	0.6803
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8651	0.1349	0.8645	0.7282	0.5214
p53-mutants			0.9959	0.0041	0.7315	0.4329	0.3981
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9598	0.0161	0.7679	0.7607	0.1539
parkinson			0.9583	0.0417	0.9568	0.9135	0.2324
parkinsons			0.6967	0.3033	0.7576	0.4378	0.5809
parkinsons-small			0.7895	0.2105	0.7164	0.2692	0.3750
particle			0.8842	0.1158	0.8515	0.6961	0.4840
particle10%			0.8408	0.1592	0.8197	0.6319	0.6109
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac			0.4536	0.5464	0.4422	-0.1155	1.0000
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8553	0.1447	0.8038	0.6071	0.6125
pediatric-leukemia			0.8529	0.0420	0.8791	0.8229	0.1561
pendigits			0.9126	0.0175	0.9152	0.9029	0.1111
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.7697	0.2303	0.7505	0.4992	0.7297
personalities			0.8992	0.0126	0.8991	0.8924	0.1543
pet-adoption			0.8500	0.1500	0.8305	0.6231	0.4312
phishing			0.9347	0.0653	0.9352	0.8660	0.3153
PhiUSIIL			0.9994	0.0006	0.9994	0.9988	0.0074
PhiUSIIL10%			0.9979	0.0021	0.9978	0.9957	0.0168
phone-acc0.1%			0.1531	0.2420	0.0379	0.0000	0.4011
phone-acc1%			0.1525	0.2421	0.0378	0.0000	0.4012
phone-acc10%			0.1237	0.2504	0.0315	0.0000	0.4061
phone-gyr0.1%			0.1594	0.2402	0.0393	0.0000	0.3999
phone-gyr1%			0.1352	0.2471	0.0340	0.0000	0.4038
phone-gyr10%			0.1372	0.2465	0.0345	0.0000	0.4035
phoneme			0.7278	0.2722	0.6902	0.3754	0.7886
phy			0.5850	0.4150	0.6119	0.1670	0.7807
pima			0.6711	0.3289	0.6405	0.2647	0.8408
pirvision			0.9895	0.0070	0.9812	0.9667	0.0643
placement			0.7820	0.2180	0.7838	0.5261	0.5772
plant-growth			0.6842	0.3158	0.7467	0.3871	0.5000
plrx			0.4444	0.5556	0.4375	-0.1111	0.8920
poker			0.4863	0.1142	0.1069	0.0017	0.2806
poker1%			0.4507	0.1569	0.1416	0.0182	0.3077
poker10%			0.4998	0.1250	0.1233	0.0054	0.2325
polish-1st			0.9346	0.0654	0.5571	0.1141	0.6244
polish-2nd			0.9322	0.0678	0.5101	0.0199	0.6350
polish-3rd			0.8990	0.1010	0.5005	0.0009	0.6149
polish-4th			0.8745	0.1255	0.5618	0.1132	0.5854
polish-5th			0.9086	0.0914	0.5829	0.1596	0.6729
polya			0.7059	0.2941	0.6670	0.3287	0.8266
popularity			0.6502	0.2332	0.3969	0.1636	0.4892

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
postures		0.7996	0.0802	0.7999	0.7494	0.3034
pred-tox_mutagen_ref-desc		0.5735	0.4265	0.5752	0.1471	0.9398
prestige		0.6667	0.2222	0.5392	0.4255	0.3013
primary-tumor		0.3939	0.0932	0.3656	0.3168	0.3157
processed		0.9979	0.0021	0.9976	0.9951	0.0226
profb		0.6716	0.3284	0.4018	0.0000	0.4612
promoters		0.9000	0.1000	0.9083	0.8000	0.3522
prostate		0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE		1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio		0.8218	0.0713	0.7456	0.7580	0.2490
puc-rio10%		0.8147	0.0741	0.7209	0.7490	0.2547
pufs-128		0.4997	0.5003	0.4997	-0.0007	1.0000
pufs-1281%		0.4918	0.5082	0.4918	-0.0164	1.0000
pufs-12810%		0.5002	0.4998	0.5002	0.0004	0.9979
pufs-64		0.5027	0.4973	0.5027	0.0054	0.9984
pufs-641%		0.4929	0.5071	0.4929	-0.0141	1.0000
pufs-6410%		0.4979	0.5021	0.4979	-0.0041	1.0000
pulsar		0.9800	0.0200	0.9384	0.8750	0.1996
raisin		0.9000	0.1000	0.9001	0.8000	0.4311
rcv11%		0.7722	0.0111	0.4788	0.7465	0.2544
rcv110%		0.8678	0.0053	0.6844	0.8523	0.2226
re0-wc		0.8133	0.0287	0.8093	0.7568	0.2828
re1-wc		0.7108	0.0231	0.5075	0.6685	0.2040
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578		0.8904	0.0046	0.5628	0.8492	0.1051
rice		0.9846	0.0154	0.9845	0.9689	0.0993
rnaseq		1.0000	0.0000	1.0000	1.0000	0.0000
rocket		0.5312	0.4688	0.6595	0.1759	0.5488
RT_IOT2022		0.9872	0.0021	0.8337	0.9680	0.0197
satimage		0.7621	0.0793	0.7210	0.7074	0.2591
satimageF		0.9829	0.0171	0.9562	0.9124	0.2280
satimageT		0.8911	0.1089	0.5341	0.0302	0.5436
scadi		0.7143	0.1143	0.6984	0.6316	0.1667
schiller		0.5556	0.4444	0.3571	-0.2857	0.9011
schizo		0.5882	0.4118	0.6005	0.1765	0.8657
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.8846	0.1154	0.5606	0.1203	0.6599
secondary_mushroom		0.8582	0.1418	0.8562	0.7110	0.5373
seeds		0.9524	0.0317	0.9553	0.9286	0.0868
segment		0.8961	0.0297	0.9056	0.8784	0.1122
segmentation		0.7525	0.2475	0.7243	0.4468	0.7633
segmentO		0.9957	0.0043	0.9916	0.9830	0.0885
seismic		0.9264	0.0736	0.4809	-0.0141	0.5085
semeion		1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram		0.8289	0.1711	0.4532	-0.0647	0.7614
sens-10-gram		0.8032	0.1968	0.5062	0.0118	0.7929
sens-2-gram		0.8158	0.1842	0.5522	0.1026	0.7739
sens-3-gram		0.8079	0.1921	0.5688	0.1374	0.7671
sens-4-gram		0.8105	0.1895	0.5992	0.1981	0.7520
sens-5-gram		0.8421	0.1579	0.5811	0.1505	0.7401
sens-6-gram		0.8289	0.1711	0.5568	0.1077	0.7641
sens-7-gram		0.8421	0.1579	0.5729	0.1324	0.7393
sens-8-gram		0.8237	0.1763	0.5756	0.1491	0.7635
sens-9-gram		0.8289	0.1711	0.5478	0.0892	0.7653
sensorless		0.6395	0.0655	0.6413	0.6034	0.3472
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
shoppers			0.8751	0.1249	0.7533	0.5060	0.6422
shuttle			0.9284	0.0204	0.5066	0.7789	0.2557
sick			0.9576	0.0424	0.8224	0.6440	0.4853
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin			0.9171	0.0829	0.8791	0.7568	0.4775
skin10%			0.9032	0.0968	0.8570	0.7133	0.5193
smarket			0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming			0.2200	0.3900	0.1810	-0.0518	0.7930
smk_can_187			0.7368	0.2632	0.7360	0.4693	0.7643
smoking			0.7321	0.2679	0.7342	0.4570	0.7493
soil_pollution			0.2100	0.3160	0.2094	0.0151	0.6566
solar-flare			0.7194	0.0935	0.6176	0.6387	0.2401
sonar			0.4000	0.6000	0.4000	-0.2000	1.0000
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9385	0.0615	0.8119	0.6236	0.5264
spambase			0.8891	0.1109	0.8839	0.7625	0.4377
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer			0.4615	0.0399	0.3364	0.4297	0.1689
splice-EI			0.9464	0.0536	0.9282	0.8561	0.3170
splice-IE			0.8517	0.1483	0.7886	0.5759	0.6270
sport-articles			0.7900	0.2100	0.7690	0.5312	0.6824
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			0.3548	0.6452	0.2619	0.0000	0.5097
steel_industry			0.7003	0.1998	0.5615	0.4966	0.3752
steel-b			0.7436	0.2564	0.6859	0.3549	0.7429
steel-d			0.9641	0.0359	0.6135	0.2059	0.5642
steel-k			0.9744	0.0256	0.9604	0.9206	0.1989
steel-o			0.6872	0.3128	0.6668	0.3319	0.8384
steel-p			0.9128	0.0872	0.6274	0.2220	0.6096
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9641	0.0359	0.8957	0.7910	0.3671
stellar			0.9253	0.0498	0.9175	0.8667	0.2253
stock			0.8750	0.1250	0.7888	0.5776	0.6177
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.7900	0.2100	0.7882	0.5763	0.6848
stress			0.9683	0.0127	0.9700	0.9603	0.0360
student-lifestyle			0.5700	0.1720	0.3002	0.3054	0.4448
student-depression			0.8251	0.1749	0.8265	0.6475	0.6047
student-habits			0.3400	0.2640	0.1842	0.0149	0.4955
student-weekend			0.3692	0.2523	0.2687	0.1472	0.6023
student-workday			0.4688	0.2125	0.2473	0.1985	0.4867
studentap			0.4615	0.3590	0.4444	0.1727	0.6572
susy			0.7852	0.2148	0.7870	0.5592	0.6482
susy1%			0.7836	0.2164	0.7821	0.5593	0.6814
susy10%			0.7851	0.2149	0.7857	0.5600	0.6591
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.2667	0.4889	0.3006	-0.1000	0.7201
telco-churn			0.8679	0.1321	0.8522	0.6914	0.5452
texture			0.9945	0.0010	0.9947	0.9940	0.0077
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7234	0.2766	0.5376	0.0728	0.7679
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe			0.9684	0.0316	0.9645	0.9288	0.1892

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tis			0.8938	0.1062	0.8529	0.7035	0.4967
tis10%			0.7910	0.2090	0.7074	0.4132	0.7449
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.1000	0.5250	0.6364	0.1042
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f			0.2941	0.7059	0.2746	-0.4366	1.0000
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.5200	0.4800	0.6137	0.1620	0.6717
trec11-wc			0.7805	0.0488	0.5811	0.7244	0.1400
trec12-wc			0.6452	0.0887	0.6921	0.5411	0.1977
trec21-wc			0.9697	0.0121	0.9704	0.9349	0.0322
trec23-wc			0.6190	0.1270	0.4802	0.4783	0.3273
trec31-wc			0.9355	0.0215	0.9264	0.9140	0.0911
trec41-wc			0.7955	0.0409	0.6081	0.7512	0.2038
trec45-wc			0.7826	0.0435	0.7076	0.7462	0.1968
tuandromd			0.9686	0.0314	0.9506	0.9009	0.2253
turkish			0.7750	0.1125	0.7765	0.7000	0.2538
tvnews			0.7358	0.2642	0.7822	0.5009	0.5716
tvnews1%			0.9231	0.0769	0.9174	0.8305	0.3295
tvnews10%			0.8766	0.1234	0.8657	0.7285	0.4936
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8209	0.0398	0.8340	0.7905	0.1496
urinalysis			0.0559	0.9441	0.0530	0.0000	0.1445
ustilago			0.9914	0.0086	0.7232	0.4162	0.4184
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9853	0.0146	0.6381	0.2758	0.5601
vehicle			0.7738	0.1131	0.7241	0.6911	0.2400
vehicleVAN			0.9643	0.0357	0.9523	0.9000	0.1262
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowel			0.3131	0.1249	0.2828	0.2444	0.3943
vowelZ			0.9495	0.0505	0.8905	0.7556	0.4786
vrnormat310k-hg16-17			0.9106	0.0894	0.6968	0.3865	0.6251
wap-wc			0.8205	0.0179	0.6301	0.7992	0.1338
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1373	0.2465	0.0433	-0.0000	0.4061
watch-acc1%			0.1469	0.2438	0.0366	0.0000	0.4014
watch-acc10%			0.1470	0.2437	0.0366	0.0000	0.4014
watch-gyr			0.2461	0.2154	0.1796	0.1282	0.4111
watch-gyr1%			0.1391	0.2460	0.0349	0.0000	0.4036
watch-gyr10%			0.2015	0.2282	0.1767	0.0631	0.3853
water_pollution			0.2467	0.3767	0.0989	0.0000	0.4046
waveform			0.8100	0.1267	0.8129	0.7146	0.3945
weather-related			0.9500	0.0091	0.9483	0.9434	0.0744
web-phishing			0.7481	0.1679	0.6254	0.5292	0.4666
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.1745	0.3302	0.0594	0.0000	0.4014
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9800	0.0100	0.9807	0.9733	0.0428
wilt			0.9524	0.0476	0.6485	0.1386	0.3030
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5157	0.1614	0.3369	0.2456	0.7139
winequality-white			0.4438	0.1854	0.2807	0.1218	0.6409
winnipeg			0.9810	0.0054	0.9683	0.9760	0.0486
winnipeg10%			0.9828	0.0049	0.9820	0.9783	0.0355

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7467	0.7983	0.0412
yeast			0.2770	0.1607	0.2611	0.0969	0.6252
yeastCYT-POX			0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC			0.9459	0.0541	0.7346	0.4056	0.5289
yeastME1			0.9595	0.0405	0.6958	0.3799	0.5788
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9194	0.0161	0.9122	0.9096	0.1210

Table 219: Detailed results for SHLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1181	0.0840	0.0777	0.0349	0.4243
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.9803	0.0197	0.5297	0.0265	0.4066
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
ads		0.9604	0.0396	0.9145	0.8136	0.1233
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8920	0.1080	0.8473	0.6892	0.4885
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8000	0.0800	0.3615	0.5100	0.1612
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8605	0.1395	0.8446	0.6853	0.5368
anneal		0.9551	0.0180	0.9537	0.9076	0.1272
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9847	0.0076	0.9522	0.9708	0.0406
anuran-genus		0.9875	0.0031	0.9449	0.9794	0.0565
anuran-species		0.9944	0.0011	0.9880	0.9923	0.0242
anxiety		0.1167	0.1963	0.1169	0.0045	0.7789
apple-quality		0.8675	0.1325	0.8677	0.7350	0.5169
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia		0.6889	0.0479	0.3003	0.4247	0.1744
auction		0.9118	0.0882	0.7695	0.4848	0.4195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.8636	0.0248	0.8521	0.8370	0.0735
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7000	0.1000	0.5076	0.5918	0.2060
avila		0.4250	0.0958	0.5357	0.3000	0.5085
babies		0.4113	0.1682	0.1391	0.0649	0.4538
balance		0.9194	0.0538	0.6337	0.8483	0.1304
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9240	0.0760	0.9191	0.8285	0.2753
basehock		0.5427	0.4573	0.6350	0.0896	0.5249
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8952	0.1048	0.8896	0.7789	0.4599
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.7407	0.7800	0.0723
bridges		0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9138	0.0431	0.6728	0.8147	0.2325
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography		0.8075	0.0385	0.7805	0.7674	0.2068
cardiotocography-nsp		0.9061	0.0626	0.8093	0.7255	0.2629
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.6655	0.5814	0.4030
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.5831	0.4169	0.6029	0.1092	0.6861
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6943	0.3057	0.6763	0.1650	0.4561
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.0789	0.9211	0.5146	0.0018	0.1596
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8010	0.1990	0.6065	0.0755	0.5036
churn-bigml		0.8801	0.1198	0.7152	0.2947	0.3696
ci900367j_MACCS		0.7263	0.2737	0.7093	0.4185	0.7965
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7381	0.1746	0.4996	0.4867	0.4110
cjs		0.9821	0.0060	0.9779	0.9782	0.0345
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7657	0.1171	0.4261	0.6105	0.2435
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5442	0.3039	0.5241	0.2816	0.6840
cnae-9		0.8889	0.0247	0.8980	0.8750	0.1192
codon_usage		0.9271	0.0133	0.7597	0.9110	0.1001
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.6000	0.0533	0.4524	0.5516	0.1774
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7931	0.2069	0.7635	0.4942	0.6155
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.7931	0.2069	0.7894	0.5515	0.6011
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.6875	0.3125	0.6929	0.3763	0.8115
coupon		0.4314	0.5686	0.3014	0.0000	0.5291
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.2848	0.7152	0.5830	0.0536	0.3378
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9000	0.0500	0.9083	0.8667	0.1217

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4688	0.0266	0.3228	0.4533	0.0741
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1567	0.2811	0.1003	-0.0138	0.6262
cyclopentane		0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands		0.6852	0.3148	0.6731	0.3220	0.7954
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.3023	0.6977	0.4710	-0.0270	0.6440
defect		0.9012	0.0988	0.7946	0.5494	0.4302
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.5000	0.0000	0.6840
df_final		0.5625	0.2917	0.4290	0.3000	0.5195
DIA		0.8500	0.1500	0.7938	0.5000	0.3145
diabetes		0.9038	0.0962	0.8978	0.7950	0.4246
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.6078	0.2614	0.4057	0.2578	0.4844
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9667	0.0167	0.9499	0.9537	0.0357
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih		0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7562	0.1625	0.6864	0.5655	0.3498
drug-01		0.4043	0.1702	0.1335	0.0209	0.3616
drug-02		0.5266	0.1353	0.2242	0.0942	0.4357
drug-03		0.6755	0.0927	0.1468	0.0690	0.3621
drug-04		0.5213	0.1368	0.1754	0.0790	0.5432
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.4043	0.1702	0.2223	0.2409	0.5166
drug-07		0.3936	0.1733	0.1295	0.0113	0.3670
drug-08		0.5851	0.1185	0.2009	0.1698	0.3232
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5213	0.1368	0.1560	0.1118	0.5133
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6117	0.1109	0.1913	0.2249	0.4085
drug-14		0.6011	0.1140	0.2824	0.3081	0.4770
drug-15		0.7500	0.0714	0.1469	0.0152	0.2866

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.5904	0.1170	0.2620	0.3059	0.4587
drug-17		0.3617	0.1824	0.1342	0.0802	0.4957
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7606	0.0684	0.1234	-0.0120	0.3535
drybean		0.7259	0.0783	0.8635	0.6741	0.1336
ecoli		0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2000	0.4000	0.1974	-0.0661	0.8500
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.4660	0.5340	0.5859	0.0266	0.5593
eeg10%		0.1895	0.1013	0.2200	0.0846	0.4486
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6164	0.1534	0.5761	0.4926	0.3708
euthyroid		0.9652	0.0348	0.8944	0.7741	0.2092
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.6829	0.0373	0.5019	0.6297	0.1811
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7255	0.2745	0.7267	0.4279	0.7258
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.8125	0.1250	0.8305	0.6981	0.2631
gender		0.5642	0.2905	0.3447	0.0613	0.5326
gene		0.9369	0.0421	0.9298	0.8993	0.1943
german		0.7500	0.2500	0.7121	0.3812	0.6824
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9366	0.0634	0.9366	0.8731	0.3158
gisette		0.9686	0.0314	0.9686	0.9371	0.1883
glass		0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.5311	0.2638	0.4346
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.8502	0.0599	0.8502	0.8106	0.2263
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.4566	0.1552	0.4519	0.3608	0.2212
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure		0.9560	0.0440	0.9486	0.8957	0.2285
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.4773	0.5227	0.5157	0.0096	0.7030
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0625	0.0375	0.3103
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.1838	0.8162	0.5444	0.0056	0.3550
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6389	0.2407	0.6201	0.3482	0.4924
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9782	0.0218	0.9324	0.8635	0.2376
hypothyroid		0.9416	0.0292	0.5745	0.5646	0.1857
hypothyroidT		0.9576	0.0424	0.8321	0.6000	0.1231
ilpd		0.6780	0.3220	0.4865	-0.0163	0.8299
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9474	0.0040	0.9483	0.9453	0.0500
jm1		0.1983	0.8017	0.4197	-0.0206	0.4817
jvowels		0.9869	0.0029	0.9866	0.9852	0.0233
kc1		0.8863	0.1137	0.7591	0.3875	0.2517
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7500	0.2500	0.5552	0.1011	0.8298
kdc-4007		0.4688	0.1518	0.4124	0.3779	0.3463
kddcup981%		0.9158	0.0842	0.5778	0.1556	0.6508
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.0020	0.1535	0.0003	0.0000	0.2182
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2103	0.0877	0.2369	0.1239	0.5487
krvskp		0.9592	0.0408	0.9604	0.9186	0.2054
la1s-wc		0.4635	0.1788	0.5043	0.3237	0.4228
la2s-wc		0.4768	0.1744	0.5849	0.3224	0.3014
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0256	0.6918	0.6915	0.0735

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.7500	0.0500	0.7059	0.7167	0.0949
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8889	0.0148	0.9083	0.8808	0.0504
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9461	0.0539	0.9425	0.8849	0.2869
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8868	0.0226	0.4553	0.8434	0.0597
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9043	0.0957	0.9011	0.8021	0.4231
madelon		0.5038	0.4962	0.5074	0.0077	0.8119
magic04		0.6954	0.3046	0.6484	0.1885	0.6313
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8543	0.7080	0.5499
marketing		0.8929	0.1071	0.7603	0.3901	0.2412
maternal		0.6535	0.2310	0.6586	0.4659	0.5198
math		0.7750	0.1125	0.7316	0.6389	0.2573
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1933	0.3227	0.1811	-0.0165	0.7163
messidor		0.6870	0.3130	0.6869	0.3718	0.8313
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.8003	0.6104	0.2026
meter-D		0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac		0.9800	0.0040	0.9807	0.9778	0.0226
mfeat-fou		0.8200	0.0360	0.8212	0.8000	0.1406
mfeat-kar		0.9750	0.0050	0.9758	0.9722	0.0316
mfeat-mor		0.7200	0.0560	0.7254	0.6889	0.1792
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.8550	0.0290	0.8554	0.8389	0.0668
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9434	0.0377	0.9337	0.9131	0.1271
mines		0.5588	0.1765	0.5434	0.4481	0.4009
mobile		0.8671	0.0047	0.8622	0.8647	0.0600
monks-1		0.8000	0.2000	0.8013	0.5991	0.6529
monks-2		0.8525	0.1475	0.8332	0.6536	0.5242
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0115
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9515	0.0485	0.9027	0.7910	0.2112
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.5952	0.4048	0.5952	0.1887	0.9222
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9736	0.0264	0.9496	0.8987	0.2151
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4861	0.3426	0.3185	0.0019	0.5669
nursery		0.9715	0.0143	0.8868	0.9578	0.0465
obesity		0.8294	0.0487	0.8255	0.8008	0.1696
obs		0.8704	0.0648	0.8975	0.8067	0.1971
occupancy		0.9893	0.0107	0.9854	0.9704	0.1237
Occupancy_Estimation		0.9931	0.0035	0.9782	0.9790	0.0455
oh0-wc		0.7228	0.0554	0.6290	0.6745	0.1918
oh10-wc		0.6952	0.0610	0.6621	0.6472	0.2204
oh15-wc		0.6413	0.0717	0.6592	0.5807	0.2374
oh5-wc		0.7473	0.0505	0.7162	0.7106	0.1728
ohscal-wc		0.1129	0.1774	0.0203	0.0000	0.4003
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.1554	0.8446	0.5420	0.0138	0.2272
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9840	0.0032	0.9851	0.9822	0.0235
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr		0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8144	0.1856	0.7875	0.5467	0.5769
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9206	0.0794	0.9215	0.8413	0.3621
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9726	0.0110	0.8935	0.8354	0.1504
parkinson		0.9667	0.0333	0.9655	0.9310	0.2012
parkinsons		0.8199	0.1801	0.8054	0.6060	0.6234
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.2806	0.7194	0.2191	0.0000	0.4674
particle10%		0.7185	0.2815	0.5357	0.0056	0.4963
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8947	0.1053	0.8536	0.6863	0.3954

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pediatric-leukemia			0.5882	0.1176	0.5347	0.4979	0.3729
pendigits			0.9900	0.0020	0.9901	0.9889	0.0188
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9300	0.0700	0.9202	0.8367	0.3152
phishing			0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.5582	0.1262	0.5283	0.4851	0.3229
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr0.1%			0.4480	0.1577	0.4600	0.3548	0.4784
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7296	0.2704	0.7105	0.4069	0.7561
phy			0.5054	0.4946	0.5528	0.0053	0.5541
pima			0.7368	0.2632	0.7176	0.4154	0.7389
pirvision			0.9928	0.0048	0.9875	0.9773	0.0566
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7368	0.2632	0.7360	0.4693	0.7643
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4234	0.1647	0.0850	0.0000	0.2041
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th			0.9306	0.0694	0.5966	0.0403	0.2959
polya			0.7114	0.2886	0.6699	0.3293	0.8113
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6211	0.2353	0.8938
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4848	0.0793	0.3869	0.4211	0.2453
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7463	0.2537	0.6906	0.3405	0.7097
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9354	0.0258	0.9272	0.9135	0.1188
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%			0.4883	0.5117	0.4850	-0.0228	0.9288
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.7200	0.0431	0.4617	0.6059	0.2196
re1-wc			0.4699	0.0424	0.1667	0.3360	0.2805
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.0012	0.0416	0.0001	0.0000	0.2549
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rocket			0.4238	0.5762	0.5411	0.0167	0.6128
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8958	0.0347	0.8822	0.8712	0.1550
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9300	0.0700	0.7792	0.4441	0.1775
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9177	0.0235	0.9262	0.9038	0.0877
segmentation			0.8564	0.1436	0.8423	0.6841	0.5628
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-4-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8483	0.1517	0.6064	0.0668	0.4407
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9576	0.0424	0.7993	0.5368	0.2602
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9947	0.0053	0.9921	0.9840	0.0796
smarket			0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming			0.1600	0.4200	0.1497	-0.1254	0.8835
smk_can_187			0.7895	0.2105	0.7933	0.5730	0.6420
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2100	0.3160	0.1874	0.0134	0.7471
solar-flare			0.7626	0.0791	0.6081	0.6944	0.1850
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8348	0.1652	0.8423	0.6696	0.5540
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer			0.5577	0.0328	0.4496	0.5288	0.1471
splice-EI			0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE			0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles			0.8600	0.1400	0.8498	0.6997	0.5535
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8564	0.1436	0.7698	0.5343	0.6257
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8000	0.2000	0.7725	0.5359	0.6635
steel-p			0.9231	0.0769	0.6653	0.2567	0.4931
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9028	0.0972	0.8215	0.6267	0.4657
stockb			0.9868	0.0088	0.9868	0.9802	0.0479
streaming			0.8940	0.1060	0.8927	0.7850	0.4487
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4200	0.2320	0.2863	0.0775	0.4494
student-weekend			0.3846	0.2462	0.2537	0.1333	0.6199
student-workday			0.6875	0.1250	0.1660	0.0398	0.3248
studentap			0.6923	0.2051	0.5260	0.5000	0.2833
susy1%			0.4558	0.5442	0.4768	-0.0319	0.9022
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.5099	0.2000	0.5180
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9909	0.0017	0.9914	0.9900	0.0144
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.0209	0.9791	0.0205	0.0000	0.0580
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8134	0.1866	0.7208	0.3604	0.5377
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f			0.6471	0.3529	0.5597	0.0893	0.8324
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc			0.4878	0.1138	0.2892	0.2867	0.2671
trec12-wc			0.5161	0.1210	0.4932	0.3551	0.2692
trec21-wc			0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc			0.5238	0.1587	0.2393	0.1923	0.2857
trec31-wc			0.7312	0.0896	0.6242	0.6210	0.2465
trec41-wc			0.6250	0.0750	0.4002	0.5219	0.2367
trec45-wc			0.5217	0.0957	0.4564	0.4313	0.3028
tuandromd			0.9776	0.0224	0.9664	0.9321	0.2192
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%			0.5204	0.4796	0.6123	0.1596	0.7354
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9687	0.0313	0.7252	0.2510	0.0954
urban			0.8507	0.0332	0.8653	0.8250	0.1103
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7976	0.1012	0.7593	0.7261	0.1831
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5960	0.0735	0.6243	0.5556	0.2126
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wap-wc			0.7949	0.0205	0.5566	0.7680	0.1148
warpar10p			0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.3982	0.1719	0.3759	0.2932	0.5346
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2400	0.3800	0.2636	-0.0187	0.7405
waveform			0.8460	0.1027	0.8466	0.7691	0.3560
weather-related			0.9500	0.0091	0.9514	0.9433	0.0639
web-phishing			0.8222	0.1185	0.6833	0.6809	0.4805
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1745	0.3302	0.0594	0.0000	0.4014
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9876	0.0124	0.9305	0.8508	0.0472
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6164	0.1279	0.2906	0.3732	0.3811
winequality-white			0.4315	0.1624	0.2184	0.1624	0.4741
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7496	0.7322	0.0687
yeast			0.5338	0.0932	0.3403	0.3983	0.3792
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 220: Detailed results for SHLSVC(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1590	0.0801	0.1159	0.0691	0.5156
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.9803	0.0197	0.5297	0.0265	0.4066
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
ads		0.9604	0.0396	0.9145	0.8136	0.1233
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8920	0.1080	0.8473	0.6892	0.4885
air_pollution		0.4100	0.1686	0.1706	0.0074	0.3376
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8095	0.0762	0.3842	0.5413	0.1726
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8605	0.1395	0.8446	0.6853	0.5368
anneal		0.9438	0.0225	0.7520	0.8826	0.1411
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9847	0.0076	0.9522	0.9708	0.0406
anuran-genus		0.9903	0.0024	0.9685	0.9840	0.0609
anuran-species		0.9917	0.0017	0.9837	0.9884	0.0274
anxiety		0.1083	0.1981	0.1081	-0.0050	0.8447
apple-quality		0.8675	0.1325	0.8677	0.7350	0.5169
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia		0.6667	0.0513	0.2804	0.3584	0.1851
auction		0.9118	0.0882	0.7695	0.4848	0.4195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.8636	0.0248	0.7750	0.8358	0.0643
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.7500	0.0833	0.6520	0.6599	0.1827
avila		0.6138	0.0644	0.6417	0.4266	0.2726
babies		0.4435	0.1590	0.1489	0.1331	0.5145
balance		0.9032	0.0645	0.7457	0.8224	0.2810
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9240	0.0760	0.9191	0.8285	0.2753
basehock		0.5427	0.4573	0.6350	0.0896	0.5249
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8952	0.1048	0.8896	0.7789	0.4599
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9483	0.0259	0.8962	0.8903	0.1882
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography		0.8263	0.0347	0.7889	0.7905	0.2099
cardiotocography-nsp		0.9108	0.0595	0.8263	0.7458	0.2604
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.6704	0.5819	0.3906
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.5831	0.4169	0.6029	0.1092	0.6861
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6943	0.3057	0.6763	0.1650	0.4561
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.0487	0.9513	0.0465	0.0000	0.1277
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.0789	0.9211	0.5146	0.0018	0.1596
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8010	0.1990	0.6065	0.0755	0.5036
churn-bigml		0.8801	0.1198	0.7152	0.2947	0.3696
ci900367j_MACCS		0.7263	0.2737	0.7093	0.4185	0.7965
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.4807	0.4350	0.4320
cjs		0.9786	0.0071	0.9754	0.9739	0.0426
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7750	0.1125	0.5860	0.6279	0.2258
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5442	0.3039	0.5141	0.2727	0.7007
cnae-9		0.8519	0.0329	0.8729	0.8333	0.1333
codon_usage		0.9348	0.0119	0.7711	0.9206	0.1149
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.6200	0.0507	0.4970	0.5742	0.1636
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7931	0.2069	0.7635	0.4942	0.6155
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.7931	0.2069	0.7894	0.5515	0.6011
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.6875	0.3125	0.6929	0.3763	0.8115
coupon		0.4314	0.5686	0.3014	0.0000	0.5291
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.2848	0.7152	0.5830	0.0536	0.3378
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9000	0.0500	0.9083	0.8667	0.1217

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4688	0.0266	0.3384	0.4538	0.0790
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1700	0.2767	0.1731	0.0044	0.8288
cyclopentane		0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands		0.6852	0.3148	0.6731	0.3220	0.7954
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.3023	0.6977	0.4710	-0.0270	0.6440
defect		0.9012	0.0988	0.7946	0.5494	0.4302
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.5000	0.0000	0.6840
df_final		0.5625	0.2917	0.4290	0.3000	0.5195
DIA		0.8500	0.1500	0.7938	0.5000	0.3145
diabetes		0.9038	0.0962	0.8978	0.7950	0.4246
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.4706	0.3529	0.3458	0.0748	0.5454
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih		0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7630	0.1580	0.6851	0.5993	0.4471
drug-01		0.3883	0.1748	0.1520	0.0478	0.5542
drug-02		0.5266	0.1353	0.2619	0.1773	0.6210
drug-03		0.6862	0.0897	0.1671	0.0913	0.3388
drug-04		0.5106	0.1398	0.1935	0.1358	0.6473
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.4149	0.1672	0.2536	0.2584	0.5364
drug-07		0.4096	0.1687	0.1275	0.0164	0.4351
drug-08		0.5638	0.1246	0.2086	0.1816	0.4400
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5266	0.1353	0.1585	0.1148	0.5094
drug-11		0.8457	0.0441	0.1309	-0.0065	0.2227
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.5957	0.1155	0.1767	0.2030	0.4074
drug-14		0.5957	0.1155	0.2880	0.2728	0.4624
drug-15		0.7447	0.0729	0.1220	-0.0204	0.2917

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.5851	0.1185	0.2597	0.3079	0.4688
drug-17		0.3457	0.1869	0.1997	0.1003	0.6437
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0053	0.2842
drybean		0.9162	0.0239	0.9359	0.8989	0.1235
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2100	0.3950	0.2131	-0.0522	0.8716
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.4660	0.5340	0.5911	0.0268	0.5512
eeg10%		0.4129	0.0734	0.4112	0.3466	0.5433
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6438	0.1425	0.6231	0.5382	0.3928
euthyroid		0.9652	0.0348	0.8944	0.7741	0.2092
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.6301	0.0435	0.4186	0.5608	0.2053
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7255	0.2745	0.7267	0.4279	0.7258
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal		0.8125	0.1250	0.8305	0.6981	0.2631
gender		0.3642	0.4239	0.3583	0.0240	0.3758
gene		0.9338	0.0442	0.9257	0.8943	0.2012
german		0.7500	0.2500	0.7121	0.3812	0.6824
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.9366	0.0634	0.9366	0.8731	0.3158
gisette		0.9686	0.0314	0.9686	0.9371	0.1883
glass		0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2		0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.5333	0.2333	0.5832	0.3519	0.4258
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
hapt		0.1812	0.1365	0.0256	0.0000	0.3246
har		0.9582	0.0167	0.9554	0.9471	0.0754
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.4208	0.1655	0.4408	0.3429	0.2504
har7010%		0.4777	0.1492	0.0924	0.0000	0.2651
harth1%		0.4493	0.0918	0.0517	0.0000	0.2692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth10%		0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth		0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8697	0.7395	0.5124
heart-c		0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure		0.9560	0.0440	0.9486	0.8957	0.2285
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.4773	0.5227	0.5157	0.0096	0.7030
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.0625	0.0253	0.3029
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa		0.1838	0.8162	0.5444	0.0056	0.3550
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5833	0.2778	0.4737	0.2448	0.6829
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.3731	0.4179	0.1811	0.0000	0.4100
htru2		0.9782	0.0218	0.9324	0.8635	0.2376
hypothyroid		0.9390	0.0305	0.5625	0.5370	0.2387
hypothyroidT		0.9576	0.0424	0.8321	0.6000	0.1231
ilpd		0.6780	0.3220	0.4865	-0.0163	0.8299
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9384	0.0047	0.9394	0.9359	0.0575
jm1		0.1983	0.8017	0.4197	-0.0206	0.4817
jvowels		0.9940	0.0013	0.9939	0.9932	0.0120
kc1		0.8863	0.1137	0.7591	0.3875	0.2517
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7500	0.2500	0.5552	0.1011	0.8298
kdc-4007		0.1496	0.2430	0.0372	0.0000	0.4022
kddcup981%		0.6632	0.3368	0.6257	0.1188	0.3332
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kepler		0.5262	0.3159	0.2298	0.0000	0.3678
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.4064	0.0660	0.4785	0.3382	0.4666
krvskp		0.9592	0.0408	0.9604	0.9186	0.2054
la1s-wc		0.6571	0.1143	0.6385	0.5666	0.4234
la2s-wc		0.6623	0.1126	0.6623	0.5586	0.3398
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6765	0.0281	0.6838	0.6603	0.0833

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
led24		0.7000	0.0600	0.6825	0.6601	0.1267
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.0380	0.0740	0.0028	0.0000	0.4195
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8889	0.0148	0.9083	0.8808	0.0504
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9461	0.0539	0.9425	0.8849	0.2869
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3307	0.1217	0.0452	0.0000	0.3083
lrs		0.8868	0.0226	0.4567	0.8427	0.0591
lung		0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9043	0.0957	0.9011	0.8021	0.4231
madelon		0.5038	0.4962	0.5074	0.0077	0.8119
magic04		0.6954	0.3046	0.6484	0.1885	0.6313
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8543	0.7080	0.5499
marketing		0.8929	0.1071	0.7603	0.3901	0.2412
maternal		0.6535	0.2310	0.6567	0.4648	0.5186
math		0.7750	0.1125	0.7605	0.6429	0.2740
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2300	0.3080	0.1994	0.0314	0.7284
messidor		0.6870	0.3130	0.6869	0.3718	0.8313
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.8003	0.6104	0.2026
meter-D		0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac		0.9850	0.0030	0.9854	0.9833	0.0188
mfeat-fou		0.8200	0.0360	0.8217	0.8000	0.1439
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7400	0.0520	0.7467	0.7111	0.1699
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.8300	0.0340	0.8350	0.8111	0.0895
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9340	0.0440	0.9242	0.8989	0.1628
mines		0.5588	0.1765	0.4939	0.4475	0.3401
mobile		0.8741	0.0045	0.8836	0.8718	0.0580
monks-1		0.8000	0.2000	0.8013	0.5991	0.6529
monks-2		0.8525	0.1475	0.8332	0.6536	0.5242
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9988	0.0012	0.9988	0.9975	0.0115
music		0.2750	0.1318	0.0392	0.0000	0.3477
musk		0.9515	0.0485	0.9027	0.7910	0.2112
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors		0.5952	0.4048	0.5952	0.1887	0.9222
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction		0.9736	0.0264	0.9496	0.8987	0.2151
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5000	0.3333	0.3236	0.0099	0.5564
nursery		0.9167	0.0417	0.9076	0.8778	0.0962
obesity		0.8863	0.0325	0.8838	0.8672	0.1394
obs		0.8704	0.0648	0.8975	0.8067	0.1971
occupancy		0.9893	0.0107	0.9854	0.9704	0.1237
Occupancy_Estimation		0.9921	0.0039	0.9748	0.9760	0.0471
oh0-wc		0.6535	0.0693	0.5713	0.5893	0.2436
oh10-wc		0.6000	0.0800	0.5796	0.5322	0.2663
oh15-wc		0.5217	0.0957	0.3989	0.4325	0.2594
oh5-wc		0.5495	0.0901	0.5241	0.4746	0.2552
ohscal-wc		0.1711	0.1658	0.1941	0.0662	0.4081
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.1554	0.8446	0.5420	0.0138	0.2272
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9822	0.0036	0.9836	0.9802	0.0250
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr		0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8144	0.1856	0.7875	0.5467	0.5769
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9206	0.0794	0.9215	0.8413	0.3621
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9708	0.0117	0.8763	0.8277	0.1828
parkinson		0.9667	0.0333	0.9655	0.9310	0.2012
parkinsons		0.8199	0.1801	0.8054	0.6060	0.6234
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.7194	0.2806	0.4184	0.0000	0.4268
particle10%		0.7185	0.2815	0.5357	0.0056	0.4963
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9099	0.0901	0.5693	0.1246	0.6636
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pd			0.8947	0.1053	0.8536	0.6863	0.3954
pediatric-leukemia			0.5588	0.1260	0.4214	0.4486	0.3898
pendigits			0.9927	0.0015	0.9928	0.9919	0.0141
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.9300	0.0700	0.9202	0.8367	0.3152
phishing			0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.7159	0.0812	0.6628	0.6664	0.1898
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%			0.5829	0.1192	0.4822	0.5087	0.2215
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7296	0.2704	0.7105	0.4069	0.7561
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7368	0.2632	0.7176	0.4154	0.7389
pirvision			0.9935	0.0044	0.9887	0.9794	0.0550
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.7368	0.2632	0.7360	0.4693	0.7643
plrx			0.6667	0.3333	0.4000	-0.1020	0.8617
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4244	0.1645	0.1680	0.0016	0.2041
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th			0.9449	0.0551	0.4858	-0.0039	0.3179
polish-5th			0.9289	0.0711	0.5650	0.0363	0.3725
polya			0.7114	0.2886	0.6699	0.3293	0.8113
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6211	0.2353	0.8938
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4848	0.0793	0.3663	0.4234	0.2419
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7463	0.2537	0.6906	0.3405	0.7097
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9590	0.0164	0.9471	0.9450	0.0911
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283
pufs-641%			0.4883	0.5117	0.4850	-0.0228	0.9288
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.6200	0.0585	0.2463	0.4257	0.2801
re1-wc			0.4217	0.0463	0.1282	0.2701	0.2974
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.4238	0.5762	0.5411	0.0167	0.6128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8989	0.0337	0.8847	0.8748	0.1513
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9300	0.0700	0.7792	0.4441	0.1775
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9394	0.0173	0.9465	0.9291	0.0704
segmentation			0.8564	0.1436	0.8423	0.6841	0.5628
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-4-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8483	0.1517	0.6064	0.0668	0.4407
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9576	0.0424	0.7993	0.5368	0.2602
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9947	0.0053	0.9921	0.9840	0.0796
smarket			0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming			0.1800	0.4100	0.1711	-0.0986	0.8366
smk_can_187			0.7895	0.2105	0.7933	0.5730	0.6420
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2167	0.3133	0.2236	0.0245	0.7778
solar-flare			0.7554	0.0815	0.6124	0.6857	0.1868
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.9559	0.0046	0.9202	0.9515	0.0186
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8348	0.1652	0.8423	0.6696	0.5540
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer			0.6154	0.0285	0.5035	0.5920	0.1232
splice-EI			0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE			0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles			0.8600	0.1400	0.8498	0.6997	0.5535
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8564	0.1436	0.7698	0.5343	0.6257
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.7949	0.2051	0.7667	0.5257	0.6778
steel-p			0.9282	0.0718	0.6941	0.2762	0.3858
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9290	0.8576	0.3271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9028	0.0972	0.8215	0.6267	0.4657
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8940	0.1060	0.8927	0.7850	0.4487
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4700	0.2120	0.2745	0.1632	0.4791
student-weekend			0.3692	0.2523	0.2419	0.1117	0.6168
student-workday			0.6875	0.1250	0.1645	0.0070	0.3119
studentap			0.6154	0.2564	0.4782	0.3750	0.4230
susy1%			0.4558	0.5442	0.4768	-0.0319	0.9022
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.9927	0.0013	0.9932	0.9920	0.0114
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.8134	0.1866	0.7208	0.3604	0.5377
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f			0.6471	0.3529	0.5597	0.0893	0.8324
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc			0.3659	0.1409	0.1062	0.0951	0.3267
trec12-wc			0.3226	0.1694	0.1560	0.0510	0.3512
trec21-wc			0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.6452	0.1183	0.4347	0.4866	0.3116
trec41-wc			0.5341	0.0932	0.2697	0.3921	0.2714
trec45-wc			0.4638	0.1072	0.4142	0.3512	0.3355
tuandromd			0.9776	0.0224	0.9664	0.9321	0.2192
turkish			0.8500	0.0750	0.8541	0.8000	0.1732
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%			0.5204	0.4796	0.6123	0.1596	0.7354
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9687	0.0313	0.7252	0.2510	0.0954
urban			0.8209	0.0398	0.8308	0.7894	0.1388
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7857	0.1071	0.7463	0.7102	0.2066
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6465	0.0643	0.6898	0.6111	0.1732
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wap-wc			0.6346	0.0365	0.4065	0.5808	0.1941
warpar10p			0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.5572	0.1265	0.5242	0.4815	0.3387
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2467	0.3767	0.2455	-0.0036	0.7702
waveform			0.8320	0.1120	0.8328	0.7481	0.3783
weather-related			0.9558	0.0080	0.9578	0.9498	0.0495
web-phishing			0.8296	0.1136	0.6957	0.6924	0.4576
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9876	0.0124	0.9305	0.8508	0.0472
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6478	0.1174	0.2970	0.4209	0.4087
winequality-white			0.5010	0.1426	0.2315	0.1346	0.3917
winnipeg			0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7496	0.7322	0.0687
yeast			0.5405	0.0919	0.3362	0.4080	0.3704
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.1667	0.1667	0.0286	0.0000	0.3924

Table 221: Detailed results for SIMCA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0096	0.0943	0.0009	0.0000	0.3900
abalone19		0.9163	0.0837	0.4782	-0.0133	0.1484
abalone9-18		0.6164	0.3836	0.6596	0.1383	0.2820
accelerometer		0.9068	0.0932	0.6680	0.1955	0.3422
accident		0.5000	0.5000	0.5000	0.0000	0.9934
ads		0.7561	0.2439	0.7022	0.3457	0.6274
adult		0.7604	0.2396	0.7599	0.4756	0.6464
advanced-iot		0.9990	0.0003	0.9990	0.9988	0.0025
AID_1431		0.5873	0.4127	0.4907	-0.0108	0.4855
AID_1431_KlekotaRothFingerprinter		0.1270	0.8730	0.5333	0.0079	0.2192
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.7714	0.2286	0.6299	0.2593	0.7826
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8081	0.1279	0.2996	-0.0113	0.3563
AID1284Morered		0.8333	0.1667	0.6516	0.3032	0.7325
AID1284red		0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered		0.9126	0.0874	0.5746	0.1393	0.6658
AID1608red		0.8155	0.1845	0.5080	0.0131	0.5308
AID362red		0.9463	0.0537	0.4862	-0.0212	0.3736
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9509	0.0491	0.4874	-0.0057	0.1000
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red		0.9955	0.0045	0.4989	-0.0010	0.1825
AID687red		0.9849	0.0151	0.4962	-0.0049	0.2718
AID688red		0.9014	0.0986	0.5079	0.0053	0.1732
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7887	0.2113	0.7515	0.4906	0.7003
air_pollution		0.2200	0.2229	0.1580	0.0264	0.8514
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8667	0.1333	0.8640	0.7264	0.5156
alcohol		0.7429	0.1029	0.4467	0.4655	0.4038
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7581	0.2419	0.7370	0.4740	0.7542
anneal		0.8315	0.0674	0.8245	0.6586	0.3245
antivirus		0.4865	0.5135	0.6581	0.1797	0.4586
anuran-f-b		0.9958	0.0042	0.9082	0.7980	0.4644
anuran-family		0.9346	0.0327	0.8981	0.8768	0.1553
anuran-genus		0.8915	0.0271	0.8499	0.8308	0.2086
anuran-species		0.8764	0.0247	0.8776	0.8359	0.1616
anxiety		0.0667	0.2074	0.0608	-0.0535	0.8089
apple-quality		0.8300	0.1700	0.8320	0.6600	0.5901
aps-failure		0.4471	0.5529	0.5991	0.0268	0.0865
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.0080	0.9920	0.0080	0.0000	0.0228
arcene		0.8000	0.2000	0.7917	0.5833	0.6737

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.0222	0.1956	0.0043	0.0000	0.3075
auction		0.6667	0.3333	0.6814	0.2574	0.5296
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.8333	0.1667	0.8570	0.6752	0.4383
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.7931	0.2069	0.8030	0.5817	0.5977
autos		0.5500	0.1500	0.4526	0.4098	0.3201
avila		0.4241	0.0960	0.4514	0.2916	0.6528
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.9194	0.0538	0.8845	0.8604	0.3020
bank		0.7771	0.2229	0.7325	0.3733	0.5510
banknote		0.9635	0.0365	0.9646	0.9267	0.1837
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6544	0.3456	0.7028	0.3533	0.7120
basehock		0.6985	0.3015	0.7503	0.3951	0.4882
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.0124	0.9876	0.5031	0.0001	0.0254
biodeg		0.7333	0.2667	0.7112	0.3745	0.6835
biomed		0.8571	0.1429	0.8740	0.7175	0.4205
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.8433	0.0448	0.2222	0.0526	0.4490
bitcoin10%		0.0721	0.1687	0.1424	0.0005	0.2042
body-perf		0.5769	0.2116	0.5764	0.4358	0.5050
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.4880	0.5120	0.4880	-0.0240	1.0000
breast-cancer		0.7500	0.2500	0.7056	0.4096	0.7758
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.5969	0.6633	0.1325
bridges		0.0000	0.2857	0.0000	0.0000	0.3594
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9420	0.0580	0.9419	0.8770	0.2846
cancer-uae		0.3430	0.4380	0.3485	0.0184	0.7857
car		0.8908	0.0546	0.8855	0.7367	0.1391
car-insurance		0.8000	0.2000	0.7790	0.5543	0.6849
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.7653	0.0469	0.7494	0.7207	0.2993
cardiotocography-nsp		0.7793	0.1471	0.7210	0.5321	0.4987
cardiovascular		0.6062	0.3938	0.6173	0.2127	0.8621
cargo2k		0.9670	0.0220	0.9674	0.9505	0.0915
cars		0.7000	0.2000	0.5742	0.4783	0.5079
cas_N6512_cdk_ECFP2		0.6836	0.3164	0.6861	0.3693	0.8329
cas_N6512_rdkit_ATOMPAIR		0.6492	0.3508	0.6962	0.3245	0.6900
cas_N6512_RDkit_AtomPair_FP		0.5429	0.4571	0.6415	0.1399	0.5797
cas_N6512_rdkit_AVALON		0.7281	0.2719	0.7268	0.4535	0.7835
cas_N6512_RDkit_Avalon_FP		0.7408	0.2592	0.7411	0.4811	0.7617
cas_N6512_rdkit_descriptors		0.5923	0.4077	0.6448	0.2201	0.7348
cas_N6512_rdkit_FEATMORGAN		0.6959	0.3041	0.6932	0.3862	0.8275
cas_N6512_RDkit_Featmorgan_FP		0.6948	0.3052	0.6931	0.3861	0.8287
cas_N6512_RDkit_FP		0.6810	0.3190	0.6779	0.3551	0.8453
cas_N6512_rdkit_LAYERED		0.7046	0.2954	0.7042	0.4080	0.8139
cas_N6512_RDkit_Layered_FP		0.6626	0.3374	0.6603	0.3205	0.8673
cas_N6512_rdkit_MACCS		0.7343	0.2657	0.7335	0.4666	0.7738

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7362	0.2638	0.7416	0.4762	0.7504
cas_N6512_rdkit_MORGAN		0.8031	0.1969	0.8052	0.6070	0.6492
cas_N6512_RDkit_morgan_FP		0.7730	0.2270	0.7783	0.5491	0.6901
cas_N6512_rdkit_PATTERN		0.6754	0.3246	0.6796	0.3547	0.8377
cas_N6512_RDkit_pattern_FP		0.6580	0.3420	0.6651	0.3230	0.8485
cas_N6512_rdkit_RDKITFP		0.6743	0.3257	0.6711	0.3413	0.8527
cas_N6512_rdkit_TORSION		0.6969	0.3031	0.7272	0.4103	0.6985
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.6026	0.2649	0.4758	0.2083	0.5016
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7461	0.2539	0.7128	0.3600	0.6339
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.7385	0.4769	0.5742
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.8272	0.1728	0.6286	0.1824	0.4668
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.7951	0.2049	0.6665	0.2309	0.4685
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.8256	0.1744	0.5727	0.1272	0.5939
cervical-C		0.7674	0.2326	0.4342	-0.0955	0.4733
cervical-H		0.8953	0.1047	0.5699	0.1303	0.5841
cervical-S		0.7791	0.2209	0.6480	0.2428	0.5903
children-anemia		0.8493	0.0753	0.8213	0.7770	0.2879
chrom19		0.9938	0.0062	0.7127	0.2232	0.2920
chrom191%		0.9671	0.0329	0.6779	0.0645	0.0929
chrom1910%		0.9954	0.0046	0.7226	0.2870	0.3668
chrom211%		0.0008	0.9992	0.0008	0.0000	0.0023
chronic-kidney		0.9157	0.0843	0.4780	-0.0113	0.4605
churn		0.7060	0.2940	0.6780	0.3202	0.7132
churn-bigml		0.7041	0.2959	0.6943	0.3072	0.5913
ci900367j_MACCS		0.7474	0.2526	0.7254	0.4124	0.6815
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6667	0.2222	0.4733	0.3849	0.4130
cjs		0.4857	0.1714	0.6602	0.3939	0.2953
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.5185	0.2407	0.5900	0.3865	0.4800
climate		0.8889	0.1111	0.4706	-0.0519	0.7116
cll_sub_111		0.4167	0.3889	0.3921	0.2364	0.4453
cm1		0.6000	0.4000	0.6774	0.2000	0.3900
cmc		0.5102	0.3265	0.5068	0.2506	0.6873
cnae-9		0.7407	0.0576	0.7674	0.7083	0.2391
codon_usage		0.5894	0.0747	0.5925	0.5206	0.2631
coil20		0.9653	0.0035	0.9699	0.9634	0.0138
college		0.8442	0.1558	0.8340	0.6489	0.5740
collins		0.4800	0.0693	0.4326	0.4260	0.2465
colon-tumor		0.5000	0.5000	0.3333	-0.2857	1.0000
colposcopies-1		0.5862	0.4138	0.6650	0.2596	0.7024
colposcopies-2		0.4138	0.5862	0.5178	0.0160	0.7322
colposcopies-3		0.6897	0.3103	0.7597	0.4238	0.5112
colposcopies-4		0.5862	0.4138	0.5882	0.1594	0.8263
colposcopies-5		0.7241	0.2759	0.7005	0.3446	0.6502
colposcopies-6		0.8276	0.1724	0.8286	0.6556	0.6047
colposcopies-c		0.5517	0.4483	0.5929	0.1490	0.7449
column-2c		0.7419	0.2581	0.6806	0.2994	0.6770
column-3c		0.7097	0.1935	0.6226	0.5156	0.3836
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.9756	0.0163	0.7216	0.5938	0.5288
cottonmeloidogyne		0.7067	0.2933	0.7112	0.4145	0.7911
coupon		0.6956	0.3044	0.6934	0.3857	0.8246
covid19		0.3638	0.1818	0.0762	0.0000	0.2356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.6172	0.1094	0.5348	0.4318	0.5621
covtypeCD		0.9135	0.0865	0.8365	0.6672	0.5545
covtypeT		0.9249	0.0751	0.7830	0.5452	0.5896
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.4537	0.5463	0.5934	0.0028	0.0090
creditcard_trans10%		0.4487	0.5513	0.5926	0.0028	0.0091
crowdsourced		0.8839	0.0387	0.7619	0.7450	0.2380
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.2500	0.0375	0.1723	0.2266	0.2204
customer-churn		0.7786	0.2214	0.6538	0.1087	0.2127
cybersecurity		0.1800	0.2733	0.1811	0.0160	0.8629
cyclopentane		0.6667	0.3333	0.6613	0.2957	0.8063
cylinder-bands		0.4444	0.5556	0.6002	0.0276	0.5294
darwin		0.6111	0.3889	0.6858	0.2222	0.5142
datatrieve		0.5385	0.4615	0.6486	0.1333	0.3113
dating		0.1018	0.1796	0.1021	0.0021	0.9241
dbworld		0.4286	0.5714	0.3000	0.0000	0.5288
default		0.7363	0.2637	0.6691	0.3289	0.7717
defect		0.8364	0.1636	0.7129	0.4243	0.7048
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.7509	0.2491	0.7091	0.3305	0.5623
depressed		0.6224	0.3776	0.5192	0.0338	0.7479
dermatology		0.9459	0.0180	0.9479	0.9322	0.0366
desharnais		0.2500	0.5000	0.1667	-0.1163	0.6810
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.4375	0.3750	0.4194	0.2174	0.4473
DIA		0.8333	0.1667	0.7692	0.4286	0.3322
diabetes		0.8846	0.1154	0.8841	0.7417	0.3038
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.8041	0.1959	0.7613	0.5006	0.6683
diabetic		0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%		0.4412	0.3725	0.3125	0.0063	0.6651
diabetic10%		0.5246	0.3170	0.3376	-0.0030	0.5747
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.4173	0.2331	0.4103	0.2479	0.7064
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor		0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5437	0.4563	0.5400	0.0796	0.9726
drebin		0.9275	0.0725	0.9239	0.8385	0.2601
dropout		0.6321	0.2453	0.5810	0.4276	0.5994
drug-01		0.2021	0.2280	0.1319	0.0113	0.8219
drug-02		0.3617	0.1824	0.2523	0.1615	0.7965
drug-03		0.0000	0.2857	0.0000	0.0000	0.2510
drug-04		0.3085	0.1976	0.2597	0.1380	0.7888
drug-05		0.3351	0.1900	0.1212	-0.0277	0.7522
drug-06		0.3032	0.1991	0.2910	0.1828	0.6731
drug-07		0.3936	0.1733	0.1652	0.1094	0.6648
drug-08		0.3723	0.1793	0.2484	0.1814	0.7573
drug-09		0.0000	0.2857	0.0000	0.0000	0.1381

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-10		0.4255	0.1641	0.2955	0.2190	0.7124
drug-11		0.5691	0.1231	0.1847	0.1140	0.6036
drug-12		0.0000	0.2857	0.0000	0.0000	0.1983
drug-13		0.4894	0.1459	0.2479	0.2497	0.7002
drug-14		0.4681	0.1520	0.2960	0.2470	0.6699
drug-15		0.4947	0.1444	0.1568	0.0894	0.8428
drug-16		0.4894	0.1459	0.2896	0.3042	0.6343
drug-17		0.2606	0.2112	0.2113	0.0894	0.8089
drug-18		0.0053	0.9947	0.0053	0.0000	0.0152
drug-19		0.3883	0.1748	0.2311	0.1228	0.5001
drybean		0.9045	0.0273	0.9191	0.8847	0.1559
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8182	0.1818	0.7338	0.4590	0.6857
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2400	0.3800	0.2330	-0.0120	0.8408
eeg		0.2389	0.0951	0.2896	0.1562	0.6146
eeg-eye		0.5561	0.4439	0.5388	0.0184	0.6492
eeg10%		0.2200	0.0975	0.2170	0.1300	0.4834
email_phishing		0.8716	0.1284	0.5163	0.0119	0.2020
eucalyptus		0.5753	0.1699	0.5516	0.4567	0.5052
euthyroid		0.9304	0.0696	0.7736	0.5246	0.4811
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5891	0.4109	0.6561	0.1376	0.5144
fakenews		0.5025	0.4975	0.5025	0.0050	0.9985
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0732	0.1090	0.0675	0.0001	0.4073
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.4118	0.5882	0.4173	-0.1608	1.0000
financial-risk		0.5360	0.1547	0.4045	0.3691	0.4105
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8077	0.0962	0.8277	0.7436	0.1169
gas		0.7340	0.0887	0.7393	0.6721	0.2321
gastrointestinal		0.7500	0.1667	0.7508	0.6098	0.3946
gender		0.2421	0.5053	0.4038	0.0498	0.5909
gene		0.8423	0.1052	0.8288	0.7403	0.3667
german		0.6800	0.3200	0.6531	0.3059	0.8542
gestures		0.2808	0.3596	0.3626	0.0421	0.4121
gina		0.8991	0.1009	0.9069	0.7990	0.3409
gisette		0.7729	0.2271	0.8028	0.5457	0.4992
glass		0.5714	0.1429	0.6989	0.4185	0.2305
glass-g2		0.5000	0.5000	0.6522	0.1579	0.5288
glassBWFP		0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP		0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers		0.9091	0.0909	0.8382	0.6207	0.5283
glassNW		0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7368	0.2632	0.7531	0.4809	0.6961
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.6061	0.6667	0.1393
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.4000	0.3000	0.4781	0.1964	0.5550
gsalc		0.6667	0.1111	0.5977	0.6029	0.1085

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
haberman		0.7333	0.2667	0.6591	0.3182	0.8145
hapt		0.7045	0.0493	0.6872	0.6550	0.1794
har		0.5601	0.1759	0.5815	0.4400	0.4818
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7442	0.0731	0.4740	0.6001	0.2757
har7010%		0.7243	0.0788	0.5207	0.5783	0.2738
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.1521	0.1413	0.2301	0.0941	0.3562
harth10%		0.1495	0.1418	0.2429	0.0936	0.3516
hayes-roth		0.3750	0.4167	0.3347	0.0361	0.7344
hcc-survival		0.7059	0.2941	0.7286	0.4295	0.7316
health-activity		0.4600	0.2700	0.2407	0.0013	0.6295
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8387	0.1613	0.8606	0.6843	0.4125
heart-c		0.8667	0.1333	0.8705	0.7345	0.4958
heart-failure		0.7560	0.2440	0.7558	0.4916	0.7003
heart-quantum		0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis		0.6667	0.3333	0.6377	0.2424	0.7291
hepmass1%		0.7996	0.2004	0.8038	0.5997	0.6397
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs		0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs		0.9231	0.0769	0.8898	0.7547	0.2092
higgs		0.5564	0.4436	0.6018	0.1463	0.7785
higgs0.1%		0.5618	0.4382	0.6018	0.1548	0.8009
higgs1%		0.5554	0.4446	0.6012	0.1452	0.7785
higgs10%		0.5563	0.4437	0.6019	0.1454	0.7759
higher		0.0000	0.2500	0.0000	-0.0889	0.4300
hinselmann		0.5000	0.5000	0.6644	0.1935	0.4711
hitters		0.7500	0.2500	0.7741	0.5096	0.6311
hiv1-proteasa		0.8803	0.1197	0.7596	0.4368	0.4011
hiva		0.9456	0.0544	0.6384	0.2750	0.6075
horse		0.5833	0.2778	0.5716	0.3541	0.6544
hotel-reservartions		0.7913	0.2087	0.7683	0.5358	0.7039
hr		0.8281	0.1719	0.4811	-0.0269	0.7535
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5333	0.3112	0.5630	0.2763	0.5983
htru2		0.9156	0.0844	0.8259	0.6179	0.5606
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.7427	0.2573	0.6393	0.1942	0.4992
ilpd		0.6102	0.3898	0.4551	-0.0830	0.9487
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.8900	0.0550	0.8965	0.8533	0.1687
ionosphere		0.6286	0.3714	0.7292	0.3472	0.5307
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9800	0.0200	0.9800	0.9592	0.1023
isolet		0.8665	0.0103	0.8998	0.8612	0.0891
jm1		0.3186	0.6814	0.5403	0.0335	0.5260
jvowels		0.9327	0.0149	0.9315	0.9237	0.0933
kc1		0.6303	0.3697	0.6279	0.1951	0.6290
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.6667	0.3333	0.6822	0.1935	0.3467
kc2		0.5962	0.4038	0.7061	0.2872	0.5050
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup99		0.5737	0.0426	0.4828	0.3784	0.1536
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.6998	0.2001	0.6615	0.4902	0.2480
kidney		0.3841	0.2463	0.1811	-0.0115	0.6660
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2599	0.0822	0.3361	0.1861	0.6683
krvskp		0.9028	0.0972	0.9092	0.8068	0.3551
la1s-wc		0.3016	0.2328	0.3224	0.1398	0.7493
la2s-wc		0.4603	0.1799	0.5004	0.3430	0.4270
labor		0.6667	0.3333	0.4000	0.0000	0.4644
leaf		0.4412	0.0279	0.2500	0.4222	0.0800
led24		0.5500	0.0900	0.5077	0.4944	0.2174
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.7365	0.0203	0.7526	0.7258	0.2352
leukemia		0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.5833	0.0556	0.6443	0.5541	0.1651
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9923	0.0077	0.7951	0.4855	0.4947
linkage10%		0.9905	0.0095	0.7778	0.4302	0.4644
liver		0.7059	0.2941	0.6808	0.3585	0.8145
loan		0.9321	0.0679	0.9286	0.8567	0.3462
localization		0.1401	0.1564	0.2743	0.0948	0.6332
localization10%		0.1608	0.1526	0.2845	0.1107	0.5733
lrs		0.3585	0.1833	0.4210	0.2687	0.2958
lung		0.8571	0.0571	0.8780	0.7418	0.1803
lung_discrete		0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer		0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1		0.9000	0.0400	0.8587	0.8068	0.1503
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.1111	0.2963	0.0333	0.0000	0.3682
machine-failure		0.9255	0.0745	0.9231	0.8460	0.3552
madelon		0.4692	0.5308	0.4692	-0.0615	1.0000
magic04		0.5713	0.4287	0.6801	0.2558	0.6147
malware		0.5676	0.4324	0.6904	0.2487	0.4837
mammography		0.7708	0.2292	0.7823	0.5470	0.6625
marketing		0.7500	0.2500	0.6947	0.3372	0.6443
maternal		0.6634	0.2244	0.6670	0.4871	0.5388
math		0.8000	0.1000	0.7200	0.6806	0.2675
mba		0.7484	0.1677	0.4607	0.3343	0.5747
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2333	0.3067	0.2261	0.0415	0.8434
messidor		0.6087	0.3913	0.5898	0.1467	0.8444
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		0.8889	0.0741	0.8730	0.8235	0.1114
meter-C		0.3889	0.3056	0.4926	0.1818	0.4369
meter-D		0.7778	0.1111	0.7887	0.7012	0.2914
mfeat-fac		0.9450	0.0110	0.9474	0.9389	0.0596
mfeat-fou		0.6850	0.0630	0.7071	0.6500	0.2585
mfeat-kar		0.9700	0.0060	0.9714	0.9667	0.0379
mfeat-mor		0.7050	0.0590	0.7101	0.6722	0.2103
mfeat-pix		0.9750	0.0050	0.9775	0.9722	0.0284
mfeat-zer		0.7900	0.0420	0.7836	0.7667	0.1344

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mice-prot		0.8796	0.0301	0.9038	0.8623	0.0924
milk		0.7642	0.1572	0.7415	0.6249	0.3719
mines		0.4706	0.2118	0.5099	0.3426	0.4355
mobile		0.0559	0.0337	0.0495	0.0391	0.3774
monks-1		0.7455	0.2545	0.7578	0.4934	0.6926
monks-2		0.7049	0.2951	0.6732	0.3464	0.8308
monks-3		0.8571	0.1429	0.8737	0.7168	0.3812
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9926	0.0074	0.9926	0.9852	0.0586
music		0.4339	0.1029	0.4872	0.3468	0.6099
musk		0.9045	0.0955	0.7999	0.5114	0.2258
MUT_ci300400a_cdk_ECFP2		0.7086	0.2914	0.7051	0.4088	0.8080
MUT_ci300400a_cdk_ECFP4		0.7916	0.2084	0.8003	0.5866	0.6411
MUT_ci300400a_cdk_ECFP6		0.8012	0.1988	0.7972	0.5940	0.6669
MUT_ci300400a_cdk_ESTATE		0.7110	0.2890	0.7148	0.4230	0.7875
MUT_ci300400a_cdk_EXTENDED		0.7470	0.2530	0.7396	0.4791	0.7605
MUT_ci300400a_cdk_FCFP2		0.6874	0.3126	0.7214	0.4019	0.7155
MUT_ci300400a_cdk_FCFP4		0.7302	0.2698	0.7416	0.4680	0.7362
MUT_ci300400a_cdk_FCFP6		0.7590	0.2410	0.7735	0.5266	0.6763
MUT_ci300400a_cdk_MACCS		0.7566	0.2434	0.7539	0.5061	0.7390
MUT_ci300400a_cdk_PUBCHEM		0.7257	0.2743	0.7183	0.4366	0.7911
MUT_ci300400a_cdk_STANDARD		0.7198	0.2802	0.7091	0.4173	0.7998
MUT_ci300400a_rdkit_descriptors		0.6366	0.3634	0.6877	0.3160	0.7177
myocardial		0.5588	0.1103	0.1753	0.1302	0.7313
naticusdroid		0.9410	0.0590	0.9411	0.8820	0.2990
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.3333	0.2222	0.2500	0.2000	0.3026
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.6130	0.0407	0.2888	0.3174	0.7700
ncRNA10%		0.5884	0.0433	0.2911	0.3021	0.8398
neo		0.7815	0.2185	0.7029	0.3226	0.5568
new-thyroid		0.7619	0.1587	0.7993	0.5930	0.3731
new-thyroidT		0.9048	0.0952	0.8662	0.6957	0.5000
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.6208	0.3792	0.6207	0.2177	0.8538
NHANES_age_prediction		0.9251	0.0749	0.8848	0.7552	0.4824
nomao		0.6909	0.3091	0.7357	0.4064	0.6420
NPHA-doctor-visits		0.4167	0.3889	0.3592	0.0442	0.8072
nursery		0.8650	0.0675	0.8385	0.8016	0.2439
obesity		0.7204	0.0799	0.7361	0.6736	0.3062
obs		0.7315	0.1343	0.7574	0.5884	0.3544
occupancy		0.9781	0.0219	0.9710	0.9404	0.2020
Occupancy_Estimation		0.9161	0.0420	0.8870	0.7787	0.2026
oh0-wc		0.1980	0.1604	0.3731	0.1475	0.3656
oh10-wc		0.0762	0.1848	0.1251	0.0244	0.4380
oh15-wc		0.0761	0.1848	0.1600	0.0226	0.3951
oh5-wc		0.2747	0.1451	0.4351	0.2261	0.3428
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9649	0.0078	0.9509	0.9565	0.0248
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9104	0.0896	0.4765	-0.0019	0.2753
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9698	0.0060	0.9718	0.9664	0.0421
optdigitsZ		0.9786	0.0214	0.9311	0.8523	0.0745
orl		0.9000	0.0050	0.8841	0.8974	0.0208
orlraws10P		0.8000	0.0400	0.7652	0.7778	0.0600
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9605	0.0395	0.4899	-0.0072	0.4371

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ozone8hr			0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7887	0.2113	0.7726	0.4459	0.3944
P-Glycoprotein_c_RDkit_AtomPair_FP			0.7698	0.2302	0.7811	0.5278	0.6142
p53-mutants			0.9398	0.0602	0.6471	0.0963	0.1733
p53-mutants10%			0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks			0.5265	0.1894	0.5374	0.1744	0.3517
parkinson			0.8917	0.1083	0.8955	0.7820	0.4285
parkinsons			0.6825	0.3175	0.6852	0.3613	0.8145
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.7994	0.2006	0.7876	0.5569	0.6533
particle10%			0.7608	0.2392	0.7685	0.5007	0.6539
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.4414	0.5586	0.5862	0.0634	0.3038
pcmac			0.4175	0.5825	0.4775	-0.0029	0.5869
pcos			0.9733	0.0267	0.9618	0.9206	0.2500
pd			0.6842	0.3158	0.7213	0.3766	0.6487
pediatric-leukemia			0.1471	0.2437	0.1507	-0.0082	0.5142
pendigits			0.9172	0.0166	0.9263	0.9080	0.0902
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.7778	0.2222	0.7568	0.4000	0.4011
persistency			0.6647	0.3353	0.7300	0.3834	0.6280
personalities			0.9892	0.0014	0.9892	0.9884	0.0207
pet-adoption			0.7800	0.2200	0.7843	0.5477	0.6583
phishing			0.9510	0.0490	0.9486	0.8961	0.2464
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.8825	0.1175	0.8941	0.7679	0.3811
phone-acc0.1%			0.5015	0.1424	0.5680	0.4225	0.4145
phone-acc1%			0.5116	0.1395	0.5688	0.4341	0.4064
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.4350	0.1614	0.4726	0.3455	0.4858
phone-gyr1%			0.4606	0.1541	0.5019	0.3757	0.4665
phone-gyr10%			0.3481	0.1863	0.4097	0.2407	0.5815
phoneme			0.7815	0.2185	0.7693	0.5206	0.6805
phy			0.4912	0.5088	0.4916	-0.0164	0.9969
pima			0.6447	0.3553	0.6571	0.3011	0.8388
pirvision			0.0751	0.6166	0.0466	0.0000	0.2413
placement			0.7830	0.2170	0.7751	0.5464	0.6917
plant-growth			0.6316	0.3684	0.6292	0.2570	0.8973
plrx			0.7222	0.2778	0.6328	0.2623	0.8344
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.3649	0.1815	0.2259	0.0372	0.6961
poker10%			0.2240	0.1940	0.1782	0.0175	0.8702
polish-1st			0.2817	0.7184	0.5520	0.0184	0.1492
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.4600	0.5400	0.5209	0.0119	0.2543
polish-4th			0.3980	0.6020	0.5378	0.0210	0.2493
polish-5th			0.2318	0.7682	0.5550	0.0249	0.2157
polya			0.7600	0.2400	0.7282	0.4427	0.7271
popularity			0.4497	0.3669	0.4718	0.1592	0.6391
post-operative			0.0000	0.6667	0.0000	0.0000	0.3386
postures			0.7161	0.1135	0.7329	0.6458	0.3411
pred-tox_mutagen_ref-desc			0.5441	0.4559	0.6347	0.0882	0.5245
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.5152	0.0746	0.4471	0.4494	0.2506
processed			0.8175	0.1825	0.7826	0.5556	0.6352
profb			0.5224	0.4776	0.6310	0.1829	0.6861
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.5714	0.4286	0.5310	0.0455	0.8750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prostate_GE			0.6364	0.3636	0.7179	0.3125	0.5164
puc-rio			0.6406	0.1438	0.7084	0.5510	0.3283
puc-rio10%			0.6270	0.1492	0.6912	0.5371	0.3384
pufs-1281%			0.5105	0.4895	0.5105	0.0210	0.9940
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5037	0.4963	0.5037	0.0073	0.9979
pufs-641%			0.5075	0.4925	0.5075	0.0150	0.9957
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.8364	0.1636	0.7684	0.4451	0.5334
raisin			0.8667	0.1333	0.8700	0.7333	0.4919
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0002	0.0400	0.0000	0.0000	0.3309
re0-wc			0.3667	0.0974	0.3456	0.2481	0.4196
re1-wc			0.0422	0.0766	0.0708	0.0163	0.3702
rejafada			0.6683	0.3317	0.6595	0.1184	0.2290
relathe			0.9437	0.0563	0.9466	0.8876	0.2382
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.9846	0.0154	0.9846	0.9688	0.0952
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5994	0.4006	0.5960	0.1904	0.9181
RT_IOT2022			0.0915	0.1514	0.4868	0.0828	0.1182
satimage			0.8040	0.0653	0.7995	0.7619	0.2667
satimageF			0.9751	0.0249	0.9422	0.8807	0.3330
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.5294	0.4706	0.5296	0.0588	0.9796
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom			0.9263	0.0737	0.9253	0.8505	0.3498
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.7662	0.0668	0.8156	0.7263	0.2029
segmentation			0.8119	0.1881	0.7898	0.5741	0.6458
segmentO			0.9134	0.0866	0.8114	0.5442	0.2112
seismic			0.7287	0.2713	0.6319	0.1652	0.4438
semeion			0.9623	0.0377	0.8884	0.7499	0.1152
sens-1-gram			0.5579	0.4421	0.5962	0.1226	0.5451
sens-10-gram			0.5039	0.4961	0.5705	0.0836	0.5357
sens-2-gram			0.8421	0.1579	0.6036	0.2006	0.7397
sens-3-gram			0.8737	0.1263	0.6404	0.0934	0.3668
sens-4-gram			0.1895	0.8105	0.4887	-0.0052	0.3849
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.4974	0.5026	0.5296	0.0359	0.5607
sens-9-gram			0.6132	0.3868	0.5718	0.1048	0.6103
sensorless			0.5791	0.0765	0.6174	0.5371	0.3455
sepsis			0.8119	0.1881	0.5272	0.0525	0.6829
shoppers			0.7835	0.2165	0.7238	0.4041	0.6502
shuttle			0.7386	0.0747	0.5841	0.4825	0.2973
sick			0.8594	0.1406	0.6479	0.2622	0.5944
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9654	0.0346	0.9465	0.8890	0.1635
skin10%			0.9620	0.0380	0.9414	0.8773	0.1624
smarket			0.9520	0.0480	0.9528	0.9038	0.2372
smart-farming			0.1800	0.4100	0.1720	-0.0974	0.8707
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.7190	0.2810	0.7273	0.4380	0.7504

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
soil_pollution			0.1867	0.3253	0.1867	-0.0167	0.8830
solar-flare			0.5683	0.1439	0.5751	0.4782	0.4282
sonar			0.6500	0.3500	0.7149	0.3000	0.5049
soybean			0.9412	0.0062	0.9514	0.9354	0.0293
spam-detection			0.8150	0.1850	0.7368	0.3852	0.5457
spambase			0.8391	0.1609	0.8329	0.6655	0.5952
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.8991	0.1009	0.8633	0.6946	0.3015
splice-IE			0.8896	0.1104	0.8384	0.6617	0.4595
sport-articles			0.5900	0.4100	0.6917	0.2777	0.6044
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			0.8925	0.1075	0.8811	0.7586	0.4455
steel_industry			0.7280	0.1813	0.6790	0.5650	0.4904
steel-b			0.8308	0.1692	0.7259	0.4458	0.6876
steel-d			0.9692	0.0308	0.7421	0.4841	0.5554
steel-k			0.9436	0.0564	0.9239	0.8403	0.3817
steel-o			0.6872	0.3128	0.7023	0.3811	0.7656
steel-p			0.9231	0.0769	0.8074	0.5935	0.5778
steel-s			0.9641	0.0359	0.7153	0.2151	0.1059
steel-z			0.9692	0.0308	0.9073	0.7964	0.0989
stellar			0.5583	0.2945	0.6679	0.3772	0.4740
stock			0.6250	0.3750	0.7127	0.2997	0.4957
stockb			0.9427	0.0382	0.9449	0.9141	0.1318
streaming			0.8400	0.1600	0.8453	0.6819	0.5545
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.3500	0.2238	0.6165
student-depression			0.8362	0.1638	0.8304	0.6604	0.5961
student-habits			0.2700	0.2920	0.2510	0.0011	0.8173
student-weekend			0.3077	0.2769	0.2127	0.0646	0.7322
student-workday			0.6875	0.1250	0.2895	0.3695	0.4196
studentap			0.4615	0.3590	0.4992	0.1727	0.5326
susy1%			0.6044	0.3956	0.6603	0.2456	0.7114
susy10%			0.6074	0.3926	0.6643	0.2514	0.7036
swarm_aligned			0.7489	0.2511	0.7075	0.2511	0.4162
swarm_flocking			0.8647	0.1353	0.8785	0.7294	0.3745
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4714	0.2000	0.5761
telco-churn			0.8693	0.1307	0.8434	0.6824	0.5656
texture			0.9091	0.0165	0.9185	0.8997	0.0873
theorem			0.8576	0.1424	0.8534	0.7067	0.5488
thoracic			0.8085	0.1915	0.5992	0.1973	0.7712
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.6421	0.3579	0.6757	0.3148	0.7645
tis			0.6776	0.3224	0.7317	0.3812	0.6050
tis10%			0.7910	0.2090	0.7021	0.4004	0.7440
titanic			0.7364	0.2636	0.7103	0.4184	0.7820
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8235	0.0882	0.8568	0.7606	0.1546
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6400	0.3600	0.6292	0.2321	0.7722
trec11-wc			0.2927	0.1572	0.0967	0.0965	0.3727
trec12-wc			0.4194	0.1452	0.1751	0.2051	0.3124

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.1828	0.2724	0.1321	0.0336	0.3975
trec41-wc			0.2614	0.1477	0.1563	0.1274	0.5112
trec45-wc			0.2754	0.1449	0.1188	0.0758	0.3563
tuandromd			0.9350	0.0650	0.9154	0.8185	0.4041
turkish			0.6000	0.2000	0.6479	0.4667	0.3842
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.8000	0.2000	0.8222	0.6079	0.5539
tvnews10%			0.8003	0.1997	0.8093	0.5989	0.6165
ur3_cobotops_grip			0.8694	0.1306	0.5808	0.1121	0.4222
ur3_cobotops_stop			0.9551	0.0449	0.6771	0.3541	0.5982
urban			0.7612	0.0531	0.7852	0.7201	0.2152
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%			0.9805	0.0195	0.4951	-0.0099	0.5378
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.6786	0.1607	0.6840	0.5766	0.3393
vehicleVAN			0.8452	0.1548	0.7768	0.5185	0.5399
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.9302	0.0698	0.9346	0.8608	0.2605
vowel			0.5051	0.0900	0.5340	0.4556	0.2881
vowelZ			0.9293	0.0707	0.8619	0.6831	0.5142
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0385	0.0962	0.0754	0.0125	0.3703
warpar10p			0.7692	0.0462	0.6964	0.7417	0.0682
warppie10p			0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.5445	0.1301	0.5661	0.4668	0.4865
watch-acc10%			0.5481	0.1291	0.5679	0.4707	0.4873
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.3949	0.1729	0.4573	0.2978	0.4903
watch-gyr10%			0.3994	0.1716	0.4691	0.3032	0.4787
water_pollution			0.2367	0.3817	0.2349	-0.0178	0.8739
waveform			0.8180	0.1213	0.8184	0.7270	0.4036
weather-related			0.8250	0.0318	0.8685	0.8022	0.1658
web-phishing			0.7704	0.1531	0.6728	0.6092	0.5228
Weekly			0.9259	0.0741	0.9250	0.8494	0.3475
weight-lift			0.5791	0.1684	0.6017	0.4691	0.4773
white-clover			0.5000	0.5000	0.3333	-0.2857	1.0000
wifi-loc			0.9550	0.0225	0.9571	0.9400	0.0761
wilt			0.9524	0.0476	0.6485	0.1386	0.3030
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4088	0.1971	0.2812	0.1903	0.6313
winequality-white			0.1656	0.2384	0.2737	0.0635	0.5408
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.6585	0.0976	0.7187	0.6008	0.2193
wisc_bc			0.9649	0.0351	0.9643	0.9261	0.2027
yale			0.5000	0.0667	0.4550	0.4667	0.1348
yeast			0.5000	0.1000	0.4113	0.3774	0.5154
yeastCYT-POX			0.8776	0.1224	0.7496	0.3581	0.4422
yeastEXC			0.9595	0.0405	0.6146	0.2292	0.5992
yeastME1			0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2			0.8311	0.1689	0.5894	0.1298	0.4719
zip			0.8968	0.0206	0.8953	0.8844	0.1332

Table 222: Detailed results for SLDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1880	0.0773	0.1942	0.1128	0.5252
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9800	0.0200	0.5264	0.0256	0.4293
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.2574	0.7426	0.5621	0.0129	0.4346
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8687	0.0875	0.3099	-0.0118	0.3886
AID1284Morered		0.7500	0.2500	0.5869	0.1649	0.7334
AID1284red		0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9469	0.0531	0.4864	-0.0057	0.0937
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9886	0.0114	0.4971	-0.0036	0.4944
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8263	0.1737	0.7474	0.4858	0.6648
air_pollution		0.1733	0.2362	0.0891	-0.0164	0.4442
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8697	0.1303	0.8671	0.7341	0.5156
alcohol		0.0286	0.3886	0.0111	0.0000	0.2706
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6558	0.3442	0.6331	0.0338	0.4730
anneal		0.8202	0.0719	0.5790	0.5024	0.1313
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9179	0.0410	0.7402	0.8442	0.3075
anuran-genus		0.9318	0.0170	0.8241	0.8892	0.2785
anuran-species		0.9403	0.0119	0.8531	0.9167	0.1420
anxiety		0.0667	0.2074	0.0181	-0.0493	0.5209
apple-quality		0.7325	0.2675	0.7341	0.4650	0.7679
aps-failure		0.9899	0.0101	0.8534	0.7065	0.4081
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.2000	0.1600	0.4651	0.1281	0.2179

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.9545	0.0083	0.9735	0.9471	0.0293
audit-risk		0.9231	0.0769	0.9229	0.8339	0.2435
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.4828	0.5172	0.3256	0.0000	0.5300
autos		0.1500	0.2833	0.0435	0.0000	0.3534
avila		0.5098	0.0817	0.3674	0.2660	0.6011
babies		0.4274	0.1636	0.1394	0.0980	0.4271
balance		0.8871	0.0753	0.6111	0.7875	0.2104
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8917	0.1083	0.8839	0.7529	0.3756
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8943	0.7809	0.2098
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9849	0.0027	0.0902	-0.0009	0.0837
body-perf		0.6060	0.1970	0.6079	0.4746	0.5151
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5035	0.4965	0.5043	0.0081	0.9745
breast-cancer		0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5969	0.5600	0.1943
bridges		0.6000	0.1143	0.4945	0.4872	0.1395
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.3851	0.3075	0.5021	0.1563	0.4820
car-insurance		0.8240	0.1760	0.8000	0.5991	0.6491
card		0.7826	0.2174	0.8113	0.5798	0.5524
cardiotocography		0.7465	0.0507	0.6867	0.6969	0.3193
cardiotocography-nsp		0.8732	0.0845	0.7508	0.6334	0.4289
cardiovascular		0.6498	0.3502	0.6501	0.2995	0.8788
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5884	0.4850	0.3959
cas_N6512_cdk_ECFP2		0.7158	0.2842	0.7198	0.4129	0.7353
cas_N6512_rdkit_ATOMPAIR		0.7123	0.2877	0.7126	0.4092	0.7685
cas_N6512_RDkit_AtomPair_FP		0.7270	0.2730	0.7290	0.4388	0.7380
cas_N6512_rdkit_AVALON		0.7235	0.2765	0.7321	0.4267	0.6939
cas_N6512_RDkit_Avalon_FP		0.7454	0.2546	0.7596	0.4715	0.6228
cas_N6512_rdkit_descriptors		0.7108	0.2892	0.7106	0.4065	0.7740
cas_N6512_rdkit_FEATMORGAN		0.7189	0.2811	0.7200	0.4219	0.7534
cas_N6512_RDkit_Featmorgan_FP		0.7377	0.2623	0.7414	0.4602	0.7112
cas_N6512_RDkit_FP		0.6702	0.3298	0.6771	0.3134	0.7623
cas_N6512_rdkit_LAYERED		0.7462	0.2538	0.7447	0.4830	0.7416
cas_N6512_RDkit_Layered_FP		0.7362	0.2638	0.7379	0.4585	0.7286
cas_N6512_rdkit_MACCS		0.6897	0.3103	0.7213	0.3458	0.5798
cas_N6512_RDkit_MACCS_FP		0.7025	0.2975	0.7151	0.3803	0.6932

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.7154	0.2846	0.7278	0.4081	0.6788
cas_N6512_RDkit_morgan_FP		0.7331	0.2669	0.7419	0.4477	0.6811
cas_N6512_rdkit_PATTERN		0.6631	0.3369	0.6881	0.2898	0.6544
cas_N6512_RDkit_pattern_FP		0.7500	0.2500	0.7538	0.4860	0.6928
cas_N6512_rdkit_RDKITFP		0.6928	0.3072	0.7094	0.3585	0.6799
cas_N6512_rdkit_TORSION		0.7000	0.3000	0.7005	0.3828	0.7802
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.5956	0.2696	0.4255	0.1945	0.3086
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6943	0.3057	0.6371	0.2173	0.7435
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H		0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9993	0.0007	0.8554	0.6925	0.5051
chrom191%		0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%		0.9989	0.0011	0.8248	0.6245	0.5256
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8060	0.1940	0.6372	0.2282	0.6902
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7263	0.2737	0.6979	0.3709	0.7511
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.5228	0.4976	0.3306
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7880	0.1060	0.5376	0.6621	0.3273
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4762	0.3492	0.4499	0.1693	0.7574
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.0200	0.1307	0.0167	-0.0421	0.3622
colon-tumor		0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1		0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2		0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3		0.5862	0.4138	0.5370	0.0543	0.8679
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7419	0.1720	0.6847	0.5804	0.4082
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7764	0.2236	0.7764	0.5529	0.7067
coupon		0.6617	0.3383	0.6562	0.2596	0.7548
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.0449	0.2729	0.1632	0.0028	0.3114
covtypeCD		0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9994	0.0006	0.9045	0.8082	0.2814
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8829	0.0390	0.7753	0.7533	0.3493
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.2812	0.0359	0.1915	0.2633	0.0943
customer-churn		0.9786	0.0214	0.5365	0.0161	0.2720
cybersecurity		0.1633	0.2789	0.0468	0.0000	0.4027
cyclopentane		0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve		0.6923	0.3077	0.4091	-0.1304	0.5140
dating		0.1100	0.1780	0.1067	0.0115	0.8070
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8153	0.1847	0.6874	0.3004	0.5899
defect		0.8889	0.1111	0.7656	0.4511	0.3846
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8987	0.1013	0.7271	0.4462	0.6134
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.3639	0.1351	0.4618
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.5000	0.3333	0.4598	0.2000	0.3773
DIA		0.7333	0.2667	0.5774	0.1351	0.8182
diabetes		0.8077	0.1923	0.8003	0.5608	0.5312
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.8518	0.1482	0.7509	0.4840	0.6138
diabetic1%		0.4216	0.3856	0.3443	0.0515	0.6591
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all		0.0298	0.3881	0.0116	0.0000	0.3909
dishonest		0.9062	0.0938	0.9076	0.7983	0.3833
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5612	0.4388	0.5609	0.1218	0.9590
drebin		0.9281	0.0719	0.9298	0.8514	0.3236
dropout		0.7585	0.1610	0.6844	0.5936	0.4590
drug-01		0.4096	0.1687	0.1337	0.0660	0.5462
drug-02		0.5000	0.1429	0.2046	0.1003	0.5150
drug-03		0.6809	0.0912	0.1816	0.0050	0.2854
drug-04		0.5160	0.1383	0.2343	0.1184	0.6078
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.2406	0.2580	0.5488
drug-07		0.4628	0.1535	0.1409	0.0746	0.3253
drug-08		0.5585	0.1261	0.2247	0.1270	0.4421
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.2430	0.1600	0.4112
drug-11		0.8404	0.0456	0.1305	-0.0126	0.2510

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6064	0.1125	0.1727	0.2502	0.3833
drug-14		0.5904	0.1170	0.2562	0.2776	0.4420
drug-15		0.7553	0.0699	0.1550	0.0757	0.2786
drug-16		0.6064	0.1125	0.2715	0.3557	0.4006
drug-17		0.3670	0.1809	0.1674	0.1203	0.5023
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7553	0.0699	0.1229	-0.0184	0.3827
drybean		0.9037	0.0275	0.9277	0.8837	0.1246
ecoli		0.9118	0.0294	0.9235	0.8778	0.1118
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.2358	-0.0112	0.7472
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6469	0.3531	0.6387	0.2701	0.8725
eeg10%		0.3283	0.0840	0.3587	0.2588	0.6684
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.1918	0.3233	0.2268	0.0171	0.3913
euthyroid		0.5696	0.4304	0.6578	0.1688	0.3906
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.7036	0.2964	0.7366	0.4201	0.6635
fakenews		0.5350	0.4650	0.5372	0.0721	0.9658
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9216	0.0784	0.9251	0.8391	0.2605
financial-risk		0.6125	0.1292	0.5277	0.4144	0.4971
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8846	0.0577	0.8629	0.8393	0.1469
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.1875	0.5417	0.1176	-0.0505	0.4765
gender		0.6042	0.2639	0.3829	0.1504	0.5089
gene		0.9054	0.0631	0.8963	0.8503	0.2496
german		0.6100	0.3900	0.5629	0.1256	0.9299
gestures		0.3587	0.3206	0.3721	0.1450	0.7580
gina		0.8156	0.1844	0.8330	0.6333	0.5087
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7143	0.0952	0.5013	0.5882	0.2831
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP		0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.6000	0.2667	0.7179	0.4444	0.3500
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.2667	0.3667	0.1053	0.0000	0.3898
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har		0.7064	0.1174	0.7017	0.6285	0.4324
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7473	0.0722	0.4082	0.5948	0.2947
har7010%		0.7494	0.0716	0.4082	0.5979	0.2298
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.6484	0.0586	0.2143	0.4935	0.2651
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.2500	0.5000	0.2837	-0.2075	0.7329
hcc-survival		0.6471	0.3529	0.7330	0.3544	0.5211
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9090	0.8018	0.3261
heart-failure		0.8320	0.1680	0.8019	0.6032	0.6324
heart-quantum		0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis		0.7333	0.2667	0.5833	0.1667	0.8271
hepmass1%		0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6564	0.3436	0.6536	0.3035	0.8668
higgs1%		0.6395	0.3605	0.6366	0.2660	0.8770
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0714	0.2321	0.0357	-0.0581	0.4322
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9106	0.0894	0.8464	0.6922	0.5293
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5833	0.2778	0.5454	0.3112	0.6327
hotel-reservartions		0.7415	0.2585	0.7188	0.4349	0.7727
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5370	0.3086	0.5383	0.3053	0.7015
htru2		0.9765	0.0235	0.9259	0.8436	0.1437
hypothyroid		0.9204	0.0398	0.3849	0.2531	0.1747
hypothyroidT		0.9496	0.0504	0.7956	0.4928	0.1391
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.8920	0.0540	0.9019	0.8560	0.1743
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8154	0.1846	0.6294	0.1847	0.6292
jvowels		0.9277	0.0161	0.9227	0.9181	0.1086
kc1		0.8483	0.1517	0.6625	0.3052	0.6871
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.5385	0.1846	0.2992	0.2200	0.4964
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.8305	0.1130	0.7834	0.7193	0.2373
kidney		0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2717	0.0809	0.2255	0.1726	0.5759
krvskp		0.9404	0.0596	0.9420	0.8811	0.2805
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.8529	0.0128	0.8840	0.8456	0.0455
led24		0.4000	0.1200	0.3500	0.3277	0.2389
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.6930	0.0236	0.6979	0.6807	0.2860
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.7222	0.0370	0.7305	0.7020	0.1197
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.9981	0.0019	0.9022	0.7868	0.4689
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9508	0.0492	0.9487	0.8965	0.2762
localization		0.2633	0.1339	0.0774	-0.0252	0.4207
localization10%		0.2549	0.1355	0.0707	-0.0219	0.4211
lrs		0.8113	0.0539	0.5936	0.7412	0.1764
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.5000	0.3333	0.7538	0.2283	0.2447
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.6385	0.3615	0.6386	0.2769	0.8914
magic04		0.7754	0.2246	0.7440	0.4765	0.7062
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.4792	0.5208	0.6026	0.0184	0.5305
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6337	0.2442	0.6336	0.4321	0.5205
math		0.1250	0.4375	0.0966	-0.1466	0.4092
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.5833	0.2083	0.4917	0.4444	0.2533
mental-health		0.2167	0.3133	0.1218	0.0160	0.5381
messidor		0.6957	0.3043	0.7046	0.3988	0.7954
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.5576	0.6018	0.2237
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.7750	0.0450	0.7796	0.7500	0.1881
mfeat-kar		0.9750	0.0050	0.9752	0.9722	0.0315
mfeat-mor		0.7300	0.0540	0.7356	0.7000	0.1746
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.7900	0.0420	0.8008	0.7667	0.1453
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8019	0.1321	0.7905	0.6980	0.3935
mines		0.4706	0.2118	0.4670	0.3377	0.4639
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4650	0.0973	0.4641	0.3550	0.5735
musk		0.9288	0.0712	0.8524	0.6831	0.3424
MUT_ci300400a_cdk_ECFP2		0.7686	0.2314	0.7675	0.4947	0.6134
MUT_ci300400a_cdk_ECFP4		0.7569	0.2431	0.7577	0.4646	0.6068
MUT_ci300400a_cdk_ECFP6		0.7569	0.2431	0.7474	0.4927	0.7412
MUT_ci300400a_cdk_ESTATE		0.6763	0.3237	0.6624	0.2809	0.7642
MUT_ci300400a_cdk_EXTENDED		0.7950	0.2050	0.7893	0.5786	0.6801
MUT_ci300400a_cdk_FCFP2		0.7629	0.2371	0.7559	0.5118	0.7356
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.7314	0.2686	0.7296	0.4060	0.6530
MUT_ci300400a_cdk_PUBCHEM		0.6874	0.3126	0.6935	0.2885	0.6140
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.7293	0.2707	0.7323	0.4084	0.6446
myocardial		0.0529	0.2368	0.1904	0.0357	0.2341
naticusdroid		0.9233	0.0767	0.9263	0.8465	0.3160
NCI60		0.6667	0.1111	0.6222	0.6000	0.1039
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.8965	0.1035	0.5721	0.0850	0.5612
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
newspop		0.6461	0.3539	0.6434	0.2862	0.8845
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7397	0.2603	0.6685	0.1217	0.4158
NPHA-doctor-visits		0.5000	0.3333	0.3157	-0.0031	0.5510
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1280	0.2492	0.0384	-0.0022	0.4300
obs		0.8241	0.0880	0.8628	0.7371	0.2568
occupancy		0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation		0.9812	0.0094	0.9478	0.9417	0.0466
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9298	0.0156	0.9140	0.9129	0.0503
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9093	0.0181	0.9212	0.8992	0.0959
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9415	0.0234	0.6650	0.6288	0.4180

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinson			0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons			0.6493	0.3507	0.6492	0.0915	0.4808
parkinsons-small			0.8947	0.1053	0.8643	0.7286	0.5039
particle			0.9034	0.0966	0.8786	0.7566	0.4591
particle10%			0.8992	0.1008	0.8749	0.7499	0.4805
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9189	0.0811	0.5907	0.1483	0.6102
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8816	0.1184	0.8335	0.6538	0.4856
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.8963	0.0207	0.8981	0.8847	0.1292
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.3571	-0.2000	0.9762
persistency			0.8134	0.1866	0.8025	0.6048	0.6527
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.8750	0.1250	0.8560	0.7095	0.5120
phishing			0.9551	0.0449	0.9533	0.9063	0.2564
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7685	0.2315	0.7028	0.4029	0.7639
phy			0.7038	0.2962	0.7039	0.4077	0.8158
pima			0.7105	0.2895	0.6923	0.3323	0.7052
pirvision			0.9719	0.0187	0.9491	0.9077	0.1077
placement			0.7890	0.2110	0.7852	0.5699	0.6885
plant-growth			0.5263	0.4737	0.3448	0.0000	0.5239
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4946	0.1444	0.1252	-0.0066	0.2376
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.5978	0.0332	0.2464
polish-5th			0.9306	0.0694	0.6122	0.1119	0.4175
polya			0.7827	0.2173	0.7573	0.5105	0.7068
popularity			0.6573	0.2285	0.4356	0.1924	0.5539
post-operative			0.6667	0.2222	0.3967	0.1818	0.4399
postures			0.7817	0.0873	0.7837	0.7272	0.3074
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6933	0.3824	0.8214
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4848	0.0793	0.4323	0.4095	0.2321
processed			0.9786	0.0214	0.9755	0.9503	0.1157
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.5000	0.5000	0.6454	0.1379	0.5302
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.8163	0.0735	0.7450	0.7499	0.2450
puc-rio10%			0.8171	0.0731	0.7284	0.7513	0.2417
pufs-1281%			0.4883	0.5117	0.4883	-0.0233	1.0000
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5025	0.4975	0.5025	0.0050	0.9975

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-641%			0.4975	0.5025	0.4975	-0.0050	1.0000
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9729	0.0271	0.9145	0.8157	0.1259
raisin			0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5936	0.4064	0.5322	0.0184	0.6735
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8351	0.0550	0.7964	0.7954	0.2080
satimageF			0.9798	0.0202	0.9461	0.8896	0.1561
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.5455	0.6111	0.0986
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5425	0.4575	0.5894	0.1376	0.8184
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9177	0.0235	0.9271	0.9038	0.0834
segmentation			0.8366	0.1634	0.8190	0.6360	0.6025
segmentO			0.9870	0.0130	0.9745	0.9489	0.1700
seismic			0.9225	0.0775	0.6851	0.3703	0.6353
semeion			0.9560	0.0440	0.8819	0.7633	0.4382
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8609	0.1391	0.4626	-0.0102	0.4516
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-8-gram			0.8711	0.1289	0.6186	0.1348	0.5175
sens-9-gram			0.8605	0.1395	0.5188	0.0127	0.5424
sensorless			0.8410	0.0289	0.8407	0.8251	0.1497
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8921	0.1079	0.7632	0.4909	0.5061
shuttle			0.9414	0.0167	0.5959	0.8222	0.2469
sick			0.9496	0.0504	0.7711	0.5322	0.5020
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9336	0.0664	0.9055	0.8081	0.4223
skin10%			0.9314	0.0686	0.9010	0.8001	0.4295
smarket			0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming			0.2200	0.3900	0.1401	-0.0541	0.5918
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.7454	0.2546	0.7399	0.4741	0.7497
soil_pollution			0.2067	0.3173	0.1533	0.0117	0.6409
solar-flare			0.6691	0.1103	0.4455	0.5675	0.1476
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.4118	0.0619	0.5048	0.3721	0.2194
spam-detection			0.9465	0.0535	0.8321	0.6625	0.4755
spambase			0.8370	0.1630	0.8391	0.6700	0.5746
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7714	0.2286	0.6898	0.3171	0.6470

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectrometer			0.6346	0.0271	0.4976	0.6127	0.1157
splice-EI			0.9432	0.0568	0.9303	0.8566	0.3541
splice-IE			0.9085	0.0915	0.8728	0.7456	0.4757
sport-articles			0.8300	0.1700	0.8162	0.6115	0.5454
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.4198	0.3868	0.5335	0.1833	0.5590
steel-b			0.8051	0.1949	0.6809	0.3555	0.7407
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9744	0.0256	0.9601	0.9191	0.1618
steel-o			0.7538	0.2462	0.7154	0.3962	0.6954
steel-p			0.9282	0.0718	0.7214	0.4253	0.5579
steel-s			0.9795	0.0205	0.8697	0.7393	0.4154
steel-z			0.9590	0.0410	0.9028	0.7955	0.4463
stellar			0.8551	0.0966	0.8349	0.7269	0.3097
stock			0.9167	0.0833	0.8487	0.6800	0.3916
stockb			0.9031	0.0646	0.9064	0.8547	0.1787
streaming			0.8040	0.1960	0.8019	0.6037	0.6593
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5750	0.1700	0.3231	0.3381	0.4434
student-depression			0.8351	0.1649	0.8289	0.6555	0.5913
student-habits			0.0500	0.3800	0.0384	-0.0054	0.4846
student-weekend			0.3692	0.2523	0.2257	0.1848	0.4368
student-workday			0.1406	0.3438	0.2184	0.0435	0.2661
studentap			0.3846	0.4103	0.3089	0.0000	0.5640
susy1%			0.7578	0.2422	0.7663	0.4977	0.6399
susy10%			0.7622	0.2378	0.7706	0.5070	0.6330
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.7528	0.2472	0.7196	0.4289	0.7455
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			0.6841	0.3159	0.7557	0.4135	0.5120
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8990	0.1010	0.8623	0.7242	0.4931
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9036	0.0964	0.8424	0.6393	0.2835
turkish			0.7500	0.1250	0.7540	0.6667	0.2694
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews1%			0.8154	0.1846	0.8127	0.5578	0.3791
tvnews10%			0.7517	0.2483	0.7398	0.3853	0.5225
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7910	0.0464	0.7878	0.7545	0.1626
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7262	0.1369	0.7037	0.6347	0.2377
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.7500	0.2500	0.7044	0.4000	0.7643
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5758	0.0771	0.5916	0.5333	0.2180
vowelZ			0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.3260	0.4493	0.1639	0.0000	0.4176
weather-related			0.8846	0.0210	0.9106	0.8687	0.0911
web-phishing			0.7778	0.1481	0.5430	0.5897	0.5201
Weekly			0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.6667	0.2500	0.0000	0.5000
wifi-loc			0.9700	0.0150	0.9716	0.9600	0.0562
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5786	0.1405	0.2713	0.3195	0.4738
winequality-white			0.5112	0.1396	0.2643	0.2317	0.5220
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5203	0.0959	0.3786	0.3906	0.4318
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 223: Detailed results for SMDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.7775	0.2225	0.4374	-0.0141	0.0779
abalone9-18		0.8904	0.1096	0.7218	0.3800	0.5534
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.5278	0.4722	0.4808	-0.0268	0.6304
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.7143	0.2857	0.7407	0.3636	0.5000
AID439red		0.4286	0.5714	0.3000	-0.2727	0.6435
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.5000	0.5000	0.5952	0.1379	0.7345
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.5352	0.4648	0.5771	0.1231	0.7568
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.1573	0.3371	0.3603	0.0632	0.4344
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.6592	0.3408	0.6328	0.0309	0.0658
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.3725	0.6275	0.6112	0.0906	0.3498
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.7051	0.2949	0.7178	0.2954	0.4613
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.6207	0.3793	0.6196	0.2387	0.9091
autos		0.3500	0.2600	0.2037	0.1613	0.4808
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.7581	0.1613	0.6843	0.6154	0.3564
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		0.7600	0.2400	0.7493	0.4643	0.6567
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.6476	0.3524	0.6212	0.2420	0.8922
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.4545	0.5455	0.3125	0.0000	0.5306
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.5455	0.1515	0.5015	0.4608	0.2148
bridges		0.3000	0.2333	0.1000	0.0000	0.4361
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.6667	0.3333	0.4000	-0.0638	0.7775
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.5345	0.2328	0.3075	0.2132	0.4871
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.5942	0.4058	0.5572	0.0895	0.8658
cardiotocography		0.2723	0.1455	0.2638	0.1666	0.4912
cardiotocography-nsp		0.8028	0.1315	0.6021	0.3555	0.4011
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.5250	0.3167	0.4541	0.2650	0.5560
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.1163	0.8837	0.5307	0.0073	0.1827
cervical-C		0.8372	0.1628	0.5283	0.0490	0.5593
cervical-H		0.5581	0.4419	0.5816	0.0566	0.2649
cervical-S		0.4070	0.5930	0.5409	0.0335	0.3878
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9612	0.0388	0.6751	0.0550	0.0800
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.7771	0.2229	0.5921	0.1467	0.5654
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.4737	0.5263	0.4526	-0.0945	0.9963
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.5952	0.2698	0.5252	0.1418	0.4948
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.6852	0.3148	0.4899	-0.0132	0.4895
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4218	0.3855	0.4213	0.1127	0.7488
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.9221	0.0779	0.8997	0.7975	0.3857
collins		0.0200	0.1307	0.0026	0.0000	0.4026
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6552	0.3448	0.5841	0.1570	0.8836
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.5862	0.4138	0.5542	0.1031	0.8707
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.5862	0.4138	0.6117	0.1512	0.7438
colposcopies-c		0.8276	0.1724	0.7526	0.3777	0.3360
column-2c		0.7097	0.2903	0.7185	0.4126	0.7418
column-3c		0.3871	0.4086	0.4585	0.1248	0.5701
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.4952	0.5048	0.3312	0.0000	0.5289
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.7778	0.2222	0.8000	0.5263	0.4308
cultivars		0.0625	0.0469	0.0368	0.0523	0.2629
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.7902	0.2098	0.5531	0.0991	0.7998
dermatology		0.2162	0.2613	0.1890	-0.0085	0.5512
desharnais		0.3750	0.4167	0.2222	-0.0526	0.4205
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.6154	0.3846	0.6630	0.2818	0.7685
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.5167	0.2417	0.6230	0.3675	0.4177
diamonds_all		0.7145	0.1142	0.6883	0.5911	0.3678
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.3228	0.4515	0.1627	0.0000	0.3888
drug-01		0.1383	0.2462	0.1687	0.0272	0.7901
drug-02		0.3457	0.1869	0.1531	0.0731	0.7512
drug-03		0.0904	0.3032	0.1521	0.0043	0.6387
drug-04		0.3404	0.1885	0.2017	0.1263	0.7121
drug-05		0.3138	0.1960	0.1169	-0.0021	0.4878
drug-06		0.3564	0.1839	0.2849	0.2234	0.6677
drug-07		0.3245	0.2252	0.1770	0.0450	0.6895
drug-08		0.3457	0.1869	0.1443	0.0762	0.7884
drug-09		0.4149	0.1950	0.2039	0.0648	0.4754
drug-10		0.3457	0.1869	0.1913	0.1213	0.6859
drug-11		0.5160	0.1383	0.1673	0.0735	0.6026
drug-12		0.4202	0.1657	0.1451	0.0858	0.5637

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-13		0.4309	0.1626	0.2323	0.1865	0.7010
drug-14		0.3670	0.1809	0.2242	0.1249	0.6635
drug-15		0.4096	0.1687	0.1555	0.1016	0.7090
drug-16		0.2872	0.2036	0.3042	0.1487	0.6286
drug-17		0.2287	0.2204	0.2319	0.0965	0.7630
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.3777	0.1778	0.1841	0.1034	0.6275
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		0.6818	0.3182	0.6716	0.1538	0.4644
ecoliM		0.7576	0.2424	0.7588	0.4741	0.6497
ecoliMU		0.6667	0.3333	0.6084	0.1418	0.5012
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2600	0.3700	0.2015	0.0145	0.6901
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.3562	0.2575	0.3483	0.1846	0.5496
euthyroid		0.6994	0.3006	0.5527	0.0807	0.5850
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.3922	0.6078	0.3987	-0.1950	1.0000
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8125	0.0625	0.8615	0.7725	0.1193
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.5769	0.2115	0.5706	0.4151	0.3349
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5389	0.3074	0.3278	0.0105	0.6796
gene		0.2524	0.4984	0.1343	0.0000	0.4017
german		0.6200	0.3800	0.3827	-0.0585	0.7668
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.4286	0.1905	0.2453	0.1399	0.3057
glass-g2		0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP		0.6190	0.3810	0.7200	0.3226	0.5283
glassBWNFP		0.7143	0.2857	0.7361	0.4375	0.7044
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.7727	0.2273	0.7019	0.2254	0.3467
glassVWFP		0.2381	0.7619	0.5625	0.0233	0.1510
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.6310	0.3690	0.6220	0.2439	0.9009
green		0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage		0.2667	0.3667	0.2597	0.0351	0.5805
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7000	0.3000	0.5269	0.0426	0.8482
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.1840	0.3264	0.0622	0.0000	0.3998
har70		0.0899	0.2600	0.0236	0.0000	0.3023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har701%		0.0898	0.2601	0.0235	0.0000	0.3024
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.4375	0.3750	0.5233	0.1000	0.5098
hcc-survival		0.5882	0.4118	0.6071	0.2013	0.8825
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.6667	0.3333	0.6903	0.3554	0.7831
heart-attack		0.7419	0.2581	0.7516	0.4585	0.6428
heart-c		0.5000	0.5000	0.4955	-0.0090	1.0000
heart-failure		0.6900	0.3100	0.5822	0.0266	0.5261
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.1429	0.2143	0.0653	-0.0244	0.3685
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.4407	0.5593	0.6370	0.1358	0.5032
immuno-therapy		0.5556	0.4444	0.6897	0.2500	0.5000
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.4000	0.6000	0.5155	0.0187	0.7605
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.7600	0.2400	0.7645	0.5223	0.7155
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.8531	0.1469	0.6523	0.2484	0.6183
kc1-class-level-defectiveornot		0.8000	0.2000	0.8077	0.5455	0.4011
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krvskp		0.5549	0.4451	0.5901	0.1348	0.8110
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.5000	0.5000	0.6604	0.1818	0.5239
leaf		0.2647	0.0639	0.1225	0.2245	0.2257
led24		0.2500	0.1500	0.1892	0.1690	0.3000
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.1944	0.1074	0.1530	0.1365	0.3514
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.3529	0.6471	0.5854	0.0286	0.5000
loan		0.6206	0.3794	0.6254	0.2425	0.8723
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.4906	0.1456	0.3928	0.2380	0.3284
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.0000	0.2857	0.0000	-0.0847	0.4484
lung-cancer		0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.9362	0.0638	0.9369	0.8705	0.3095
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.7396	0.2604	0.7383	0.4764	0.7666
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.5347	0.3102	0.5287	0.2664	0.5286
math		0.2250	0.3875	0.1509	-0.0256	0.5314
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.4167	0.2917	0.2767	0.2222	0.4184
mental-health		0.1800	0.3280	0.1013	-0.0278	0.5557
messidor		0.4435	0.5565	0.5952	0.0134	0.5298
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.5000	0.2500	0.6101	0.3077	0.3097
meter-D		0.6667	0.1667	0.5611	0.5263	0.2736
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.6100	0.0780	0.5608	0.5667	0.2350
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.3850	0.1230	0.3991	0.3167	0.4559
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.8679	0.0881	0.8770	0.8016	0.2737
mines		0.4118	0.2353	0.4026	0.2657	0.4092
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.6182	0.3818	0.6228	0.2315	0.8758
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.8282	0.1718	0.5121	0.0105	0.6293
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4583	0.3611	0.3497	-0.0211	0.7363
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.3241	0.3380	0.3878	0.1832	0.4199
occupancy		0.9723	0.0277	0.9622	0.9236	0.2329
Occupancy_Estimation		0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.7544	0.0546	0.6937	0.6995	0.2112
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9031	0.0388	0.1898	0.0000	0.0975
parkinson		0.5833	0.4167	0.3684	-0.0166	0.6171
parkinsons		0.5498	0.4502	0.5555	0.1067	0.9269

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons-small			0.3684	0.6316	0.6069	0.0806	0.4770
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.2808	0.7192	0.2192	0.0000	0.4675
pasture			0.2500	0.5000	0.1333	0.0000	0.4055
pc1			0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			0.8000	0.2000	0.4444	0.0000	0.3522
pd			0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.1028	0.1794	0.0186	0.0000	0.4062
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.6350	0.3650	0.5425	0.0790	0.9139
phishing			0.6000	0.4000	0.6355	0.2422	0.8230
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.6907	0.3093	0.7483	0.4170	0.5949
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.6316	0.3684	0.5923	0.1713	0.8882
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.5789	0.4211	0.6481	0.1163	0.5164
plrx			0.5000	0.5000	0.4121	-0.1739	0.9401
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6331	0.2059	0.7633
prestige			0.4444	0.3704	0.2667	0.1176	0.2918
primary-tumor			0.0909	0.1399	0.0231	0.0313	0.3150
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.5522	0.4478	0.5040	0.0079	0.9519
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8556	0.1444	0.8629	0.7111	0.4841
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.5225	0.4775	0.5255	0.0498	0.9624
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.2271	0.2576	0.0617	0.0000	0.3819
satimageF			0.8911	0.1089	0.4712	0.0000	0.2371
satimageT			0.1011	0.8989	0.0918	0.0000	0.2389
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6176	0.3824	0.6294	0.2353	0.8487
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9048	0.0635	0.9152	0.8571	0.1726
segment			0.3680	0.1806	0.3129	0.2633	0.4310
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			0.6407	0.3593	0.7101	0.2879	0.4746
seismic			0.8527	0.1473	0.6455	0.2529	0.5841
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.1711	0.8289	0.4956	-0.0015	0.3567
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.6000	0.4000	0.6774	0.2000	0.5164
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.9187	0.0813	0.9019	0.7843	0.4272
smarket			0.9520	0.0480	0.9520	0.9039	0.2584
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.0719	0.3094	0.0227	-0.0222	0.4310
sonar			0.5000	0.5000	0.5000	0.0000	0.8251
soybean			0.1471	0.0898	0.1738	0.1173	0.2013
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.3957	0.6043	0.2835	0.0000	0.5229
spect			0.6296	0.3704	0.7228	0.3284	0.5170
spectf			0.4000	0.6000	0.6180	0.0982	0.4944
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.2524	0.7476	0.2015	0.0000	0.4443

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
splice-IE			0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles			0.7400	0.2600	0.7097	0.3951	0.7332
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			0.6000	0.2667	0.2500	0.0000	0.2500
startup			0.5591	0.4409	0.4483	-0.0891	0.9713
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.4974	0.5026	0.6453	0.1781	0.5400
steel-d			0.7692	0.2308	0.6502	0.1344	0.2826
steel-k			0.8462	0.1538	0.7369	0.3627	0.4136
steel-o			0.5897	0.4103	0.6656	0.2630	0.7074
steel-p			0.4308	0.5692	0.6200	0.0913	0.2837
steel-s			0.4462	0.5538	0.6103	0.0566	0.1736
steel-z			0.5795	0.4205	0.6553	0.1693	0.4023
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.8634	0.0910	0.8697	0.7952	0.2166
streaming			0.8280	0.1720	0.8280	0.6546	0.6072
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.2300	0.3080	0.1139	-0.0322	0.4947
student-weekend			0.2154	0.3138	0.1079	-0.0763	0.5182
student-workday			0.3750	0.2500	0.2264	0.0303	0.4410
studentap			0.4615	0.3590	0.4331	0.1250	0.3871
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4000	0.4000	0.4727	0.1000	0.6236
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.6579	0.3421	0.4838	-0.0249	0.8921
tic-tac-toe			0.6737	0.3263	0.6493	0.2966	0.8515
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8045	0.1955	0.7659	0.5035	0.6137
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.5882	0.4118	0.4903	-0.0171	0.9466
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.4750	0.2625	0.4159	0.3000	0.5359
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ur3_cobotops_grip			0.6680	0.3320	0.5149	0.0100	0.2484
ur3_cobotops_stop			0.9279	0.0721	0.5164	0.0328	0.6068
urban			0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.2976	0.3512	0.3725	0.1161	0.5075
vehicleVAN			0.5238	0.4762	0.6773	0.2233	0.5052
voice			0.5000	0.5000	0.6604	0.1818	0.5239
vote			0.8605	0.1395	0.8604	0.7208	0.5361
vowel			0.3030	0.1267	0.1672	0.2333	0.2899
vowelZ			0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.7111	0.1926	0.5026	0.4730	0.6178
Weekly			0.4074	0.5926	0.3856	-0.0827	0.8387
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.1667	0.8333	0.1429	-0.3636	0.9257
wifi-loc			0.6300	0.1850	0.6183	0.5067	0.4386
wilt			0.1201	0.8799	0.5318	0.0079	0.1387
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.3648	0.2117	0.1483	0.0802	0.4203
winequality-white			0.1145	0.2530	0.1025	0.0329	0.5062
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.4561	0.5439	0.5345	0.0485	0.8216
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.3851	0.1230	0.1723	0.2237	0.4453
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.8176	0.1824	0.6957	0.1898	0.2888
yeastME1			0.9257	0.0743	0.7638	0.3952	0.4565
yeastME2			0.9257	0.0743	0.4807	-0.0356	0.6620
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 224: Detailed results for SNN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1614	0.0799	0.1014	0.0696	0.4797
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9634	0.0366	0.9213	0.8297	0.1164
adult		0.8391	0.1609	0.7621	0.5162	0.6418
advanced-iot		0.9473	0.0176	0.9536	0.9368	0.0393
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.6944	0.3056	0.5563	0.1000	0.7073
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.8932	0.1068	0.5489	0.0972	0.6859
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.5500	0.4500	0.4886	-0.0227	0.9383
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.7700	0.2300	0.6373	0.2437	0.7494
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8281	0.1719	0.8245	0.6484	0.6102
alcohol		0.7524	0.0990	0.2752	0.3843	0.2494
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.6837	0.3163	0.6310	0.2499	0.8472
anneal		0.9551	0.0180	0.9054	0.9077	0.2364
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.8943	0.0529	0.6273	0.8001	0.2717
anuran-genus		0.9068	0.0233	0.6866	0.8448	0.2221
anuran-species		0.9417	0.0117	0.8820	0.9182	0.1010
anxiety		0.1167	0.1963	0.0990	0.0028	0.7957
apple-quality		0.5850	0.4150	0.5850	0.1700	0.9415
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.9916	0.0084	0.6092	0.1412	0.3814
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.6000	0.0800	0.3110	0.2507	0.2981

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.8529	0.1471	0.5419	0.0614	0.6959
audiology		0.8636	0.0248	0.9131	0.8398	0.0738
audit-risk		0.9103	0.0897	0.9105	0.8051	0.2669
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9310	0.0690	0.9310	0.8619	0.3353
autos		0.6000	0.1600	0.5450	0.4558	0.3593
avila		0.4303	0.0950	0.1722	0.0767	0.5457
babies		0.3710	0.1797	0.1224	0.0025	0.4521
balance		0.8871	0.0753	0.6118	0.7881	0.2080
bank		0.9056	0.0944	0.7456	0.4876	0.6050
banknote		0.7591	0.2409	0.7550	0.5052	0.7269
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8894	0.1106	0.8815	0.7472	0.3796
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.0089	0.9911	0.0088	0.0000	0.0253
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.7619	0.2381	0.7438	0.4503	0.6536
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9854	0.0013	0.0607	0.0001	0.0615
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.4840	0.5160	0.4836	-0.0324	1.0000
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5969	0.5600	0.1943
bridges		0.7000	0.1000	0.6333	0.5714	0.2002
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7471	0.1264	0.4856	0.3659	0.3417
car-insurance		0.7960	0.2040	0.7538	0.5032	0.6984
card		0.8551	0.1449	0.8505	0.6997	0.5480
cardiotocography		0.7230	0.0554	0.6243	0.6641	0.2895
cardiotocography-nsp		0.8732	0.0845	0.7707	0.6456	0.4465
cardiovascular		0.6368	0.3632	0.6404	0.2734	0.8743
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.5750	0.2833	0.3102	0.0569	0.5991
cas_N6512_cdk_ECFP2		0.7435	0.2565	0.7417	0.4834	0.7614
cas_N6512_rdkit_ATOMPAIR		0.6985	0.3015	0.6971	0.3942	0.8235
cas_N6512_RDkit_AtomPair_FP		0.7408	0.2592	0.7386	0.4767	0.7645
cas_N6512_rdkit_AVALON		0.7803	0.2197	0.7790	0.5581	0.7013
cas_N6512_RDkit_Avalon_FP		0.7945	0.2055	0.7940	0.5877	0.6747
cas_N6512_rdkit_descriptors		0.6969	0.3031	0.6968	0.3930	0.8232
cas_N6512_rdkit_FEATMORGAN		0.7327	0.2673	0.7308	0.4616	0.7774
cas_N6512_RDkit_Featmorgan_FP		0.7362	0.2638	0.7345	0.4690	0.7722
cas_N6512_RDkit_FP		0.7209	0.2791	0.7203	0.4403	0.7923
cas_N6512_rdkit_LAYERED		0.7462	0.2538	0.7453	0.4904	0.7563
cas_N6512_RDkit_Layered_FP		0.7393	0.2607	0.7370	0.4734	0.7667
cas_N6512_rdkit_MACCS		0.7158	0.2842	0.7136	0.4272	0.8012
cas_N6512_RDkit_MACCS_FP		0.7439	0.2561	0.7432	0.4860	0.7595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.7738	0.2262	0.7720	0.5434	0.7111
cas_N6512_RDkit_morgan_FP		0.7561	0.2439	0.7550	0.5100	0.7413
cas_N6512_rdkit_PATTERN		0.7600	0.2400	0.7591	0.5181	0.7347
cas_N6512_RDkit_pattern_FP		0.7515	0.2485	0.7513	0.5020	0.7466
cas_N6512_rdkit_RDKITFP		0.7573	0.2427	0.7562	0.5123	0.7395
cas_N6512_rdkit_TORSION		0.7154	0.2846	0.7136	0.4272	0.8017
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9533	0.0467	0.4880	-0.0138	0.5532
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7927	0.2073	0.7715	0.5428	0.6983
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9601	0.0399	0.7523	0.5038	0.5494
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9483	0.0517	0.5970	0.1298	0.4948
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9432	0.0568	0.7499	0.4986	0.5695
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7933	0.5841	0.5676
cervical-C		0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H		0.9186	0.0814	0.7387	0.4245	0.5608
cervical-S		0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia		0.7610	0.1195	0.7600	0.6446	0.3512
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9965	0.0035	0.4991	-0.0016	0.3963
chrom1910%		0.9984	0.0016	0.5630	0.1242	0.5358
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9277	0.0723	0.6909	0.1332	0.1784
churn		0.8030	0.1970	0.6149	0.1414	0.6115
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6842	0.3158	0.6522	0.2987	0.8482
circles		0.8360	0.0033	0.8488	0.8343	0.0510
cirrhosis		0.6905	0.2063	0.4569	0.3592	0.4339
cjs		0.9321	0.0226	0.9292	0.9168	0.0607
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7574	0.1213	0.4558	0.5979	0.2858
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4694	0.3537	0.4459	0.1604	0.7710
cnae-9		0.8519	0.0329	0.8552	0.8333	0.1510
codon_usage		0.0138	0.1793	0.0025	0.0000	0.3570
coil20		0.7847	0.0215	0.7663	0.7734	0.0849
college		0.9481	0.0519	0.9345	0.8690	0.3129
collins		0.5400	0.0613	0.3017	0.4848	0.1699
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5172	0.4828	0.4025	-0.1802	1.0000
colposcopies-2		0.6207	0.3793	0.5402	0.0420	0.7669
colposcopies-3		0.6207	0.3793	0.5909	0.1671	0.8893
colposcopies-4		0.7241	0.2759	0.5767	0.1008	0.7373
colposcopies-5		0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.7419	0.2581	0.6806	0.2994	0.6770
column-3c		0.7097	0.1935	0.6499	0.5303	0.4648
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%		0.5173	0.4827	0.3409	0.0000	0.5256
connect-4		0.9661	0.0226	0.6673	0.5177	0.5283
cottonmeloidogyne		0.7668	0.2332	0.7679	0.5340	0.7177

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
coupon		0.6901	0.3099	0.6812	0.3613	0.8367
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.6790	0.0917	0.4790	0.4631	0.3652
covtypeCD		0.9016	0.0984	0.7641	0.5094	0.5417
covtypeT		0.9200	0.0800	0.6912	0.3824	0.6359
crabs		0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans		0.9961	0.0039	0.6081	0.2011	0.4847
creditcard_trans10%		0.9958	0.0042	0.5759	0.1409	0.4687
crowdsourced		0.8249	0.0584	0.5228	0.6016	0.2858
cryotherapy		0.7778	0.2222	0.8000	0.5263	0.4308
cultivars		0.2500	0.0375	0.1506	0.2305	0.1006
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.1780	0.0075	0.8563
cyclopentane		0.7778	0.2222	0.7814	0.5345	0.6228
cylinder-bands		0.6481	0.3519	0.6424	0.2845	0.8824
darwin		0.7222	0.2778	0.7358	0.4444	0.7161
datatrieve		0.7692	0.2308	0.4348	-0.1143	0.5867
dating		0.0974	0.1805	0.0984	-0.0033	0.8968
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8020	0.1980	0.6562	0.2098	0.5727
defect		0.8488	0.1512	0.6398	0.1760	0.5372
dementia		0.9700	0.0300	0.9701	0.9400	0.1804
deposit		0.8872	0.1128	0.6772	0.3353	0.6382
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.4242	0.2000	0.5046
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.5625	0.2917	0.4330	0.3000	0.4172
DIA		0.7833	0.2167	0.6817	0.3500	0.7451
diabetes		0.7885	0.2115	0.7847	0.5654	0.6841
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.8139	0.1861	0.6740	0.3241	0.7037
diabetic1%		0.4118	0.3922	0.3289	-0.0192	0.8224
diabetic10%		0.5648	0.2901	0.4209	0.1544	0.6425
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.7833	0.1083	0.7646	0.6952	0.2579
diamonds_all		0.5406	0.1838	0.4011	0.3185	0.4973
dishonest		0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9971	0.0029	0.5753	0.0525	0.2553
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5583	0.4417	0.5526	0.1016	0.9523
drebin		0.9554	0.0446	0.9520	0.9035	0.2408
dropout		0.7269	0.1821	0.6292	0.5268	0.4933
drug-01		0.4043	0.1702	0.1361	0.0331	0.4303
drug-02		0.5160	0.1383	0.1382	0.0831	0.4325
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5000	0.1429	0.0995	0.0175	0.4563
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4043	0.1702	0.2289	0.2385	0.5393
drug-07		0.4894	0.1702	0.1801	0.1226	0.3456
drug-08		0.5532	0.1277	0.1361	0.0732	0.3488

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5426	0.1307	0.1458	0.1142	0.4095
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6064	0.1125	0.1661	0.2072	0.3365
drug-14		0.5532	0.1277	0.1484	0.1119	0.3985
drug-15		0.7500	0.0714	0.1236	0.0290	0.2689
drug-16		0.5745	0.1216	0.1786	0.2319	0.3268
drug-17		0.3777	0.1778	0.1382	0.1262	0.4259
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7606	0.0684	0.1234	-0.0134	0.2600
drybean		0.9082	0.0262	0.9241	0.8889	0.1396
ecoli		0.8529	0.0490	0.8754	0.7932	0.1579
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU		0.8182	0.1818	0.4500	-0.1000	0.7161
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2000	0.4000	0.1941	-0.0699	0.8627
eeg		0.0115	0.1236	0.0014	0.0000	0.3917
eeg-eye		0.5367	0.4633	0.4777	-0.0175	0.7902
eeg10%		0.3299	0.0838	0.3327	0.2541	0.6180
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6301	0.1479	0.6141	0.5279	0.4227
euthyroid		0.9209	0.0791	0.7260	0.3849	0.4451
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8748	0.1252	0.8780	0.7505	0.4784
fakenews		0.5000	0.5000	0.4985	-0.0028	0.9887
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.4959	0.0593	0.4374	0.4153	0.4020
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.4706	0.5294	0.4067	-0.1352	0.9784
financial-risk		0.6155	0.1282	0.2713	0.3216	0.3454
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.8654	0.0673	0.8274	0.8149	0.1888
gas		0.8871	0.0376	0.8790	0.8632	0.1635
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5853	0.2765	0.3414	0.0251	0.4489
gene		0.8896	0.0736	0.8767	0.8244	0.2863
german		0.7400	0.2600	0.6987	0.3795	0.7565
gestures		0.2611	0.3694	0.2624	0.0151	0.8571
gina		0.8905	0.1095	0.8904	0.7809	0.4590
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.5714	0.1429	0.4734	0.3679	0.3084
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.6667	0.3333	0.6689	0.1503	0.4745
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7360	0.4693	0.7643
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8690	0.1310	0.8679	0.7339	0.5168
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.4000	0.3000	0.4187	0.1818	0.6067
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
haberman		0.7000	0.3000	0.4118	-0.0630	0.7714
hapt		0.9497	0.0084	0.7923	0.9405	0.0496
har		0.4954	0.2018	0.4847	0.3533	0.6455
har70		0.4777	0.1492	0.0924	0.0000	0.2651
har701%		0.7589	0.0689	0.3846	0.6072	0.1534
har7010%		0.7604	0.0685	0.3855	0.6107	0.1499
harth		0.4492	0.0918	0.0517	0.0000	0.2692
harth1%		0.6609	0.0565	0.2319	0.5174	0.2620
harth10%		0.6610	0.0565	0.2314	0.5187	0.2490
hayes-roth		0.5000	0.3333	0.3688	0.1579	0.5727
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8387	0.1613	0.8369	0.6723	0.5819
heart-c		0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure		0.8300	0.1700	0.7941	0.5721	0.5892
heart-quantum		0.8200	0.1800	0.8358	0.6457	0.5429
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.7950	0.2050	0.7963	0.5895	0.6644
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%		0.5618	0.4382	0.5544	0.1027	0.9416
higgs1%		0.5605	0.4395	0.5523	0.0945	0.9266
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.2143	0.1964	0.0625	0.0314	0.3312
hinselmann		0.7000	0.3000	0.6098	0.2105	0.7892
hitters		0.8438	0.1562	0.8444	0.6875	0.5712
hiv1-proteasa		0.9022	0.0978	0.8206	0.6398	0.5416
hiva		0.9598	0.0402	0.6549	0.3001	0.5775
horse		0.5833	0.2778	0.5262	0.2742	0.6567
hotel-reservartions		0.8142	0.1858	0.7815	0.5556	0.6466
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.4437	0.3709	0.4312	0.1662	0.7407
htru2		0.9665	0.0335	0.8917	0.7621	0.1544
hypothyroid		0.9257	0.0371	0.4284	0.3178	0.1628
hypothyroidT		0.9337	0.0663	0.7163	0.2280	0.1682
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.9600	0.0400	0.9594	0.9188	0.2278
isolet		0.9448	0.0042	0.9460	0.9426	0.0483
jm1		0.8026	0.1974	0.5835	0.1057	0.6623
jvowels		0.8384	0.0359	0.8250	0.8167	0.2042
kc1		0.8531	0.1469	0.6707	0.3167	0.6679
kc1-class-level-defectiveornot		0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect		0.6154	0.1538	0.1684	0.1447	0.3257
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%		0.9956	0.0005	0.6548	0.9926	0.0593

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kepler		0.7856	0.1430	0.7148	0.6432	0.3502
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2339	0.0851	0.0971	0.1170	0.5216
krvskp		0.8746	0.1254	0.8763	0.7497	0.4898
la1s-wc		0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7647	0.0205	0.8007	0.7534	0.0605
led24		0.5500	0.0900	0.5192	0.4972	0.2020
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.6065	0.0303	0.6081	0.5907	0.3393
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8056	0.0259	0.8083	0.7916	0.0767
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9903	0.0097	0.5162	0.0300	0.4431
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.6765	0.3235	0.5565	0.0603	0.7318
loan		0.8244	0.1756	0.8098	0.6143	0.6127
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.4126	0.1068	0.1676	0.1857	0.5102
lrs		0.8491	0.0431	0.6295	0.7899	0.1093
lung		0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete		0.6250	0.1071	0.3896	0.5102	0.1197
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.3333	0.6667	0.2500	-0.4211	1.0000
lymphography		0.8571	0.0952	0.8917	0.7358	0.2703
lymphoma2		0.6667	0.1111	0.4194	0.5000	0.1576
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5808	0.4192	0.5815	0.1615	0.9405
magic04		0.7391	0.2609	0.6977	0.3629	0.7266
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8432	0.6850	0.5699
marketing		0.8527	0.1473	0.6177	0.1761	0.6274
maternal		0.5644	0.2904	0.5526	0.3282	0.5948
math		0.7250	0.1375	0.4966	0.5528	0.3593
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2167	0.3133	0.2185	0.0171	0.8349
messidor		0.5826	0.4174	0.5795	0.1585	0.9396
meter-A		0.3750	0.6250	0.4248	-0.1111	0.9210
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.8125	0.6070	0.1886
meter-D		0.8889	0.0556	0.7125	0.8421	0.0648
mfeat-fac		0.9600	0.0080	0.9617	0.9556	0.0414
mfeat-fou		0.7950	0.0410	0.7949	0.7722	0.1754
mfeat-kar		0.9550	0.0090	0.9558	0.9500	0.0568
mfeat-mor		0.7150	0.0570	0.7151	0.6833	0.2081
mfeat-pix		0.9750	0.0050	0.9764	0.9722	0.0309
mfeat-zer		0.7500	0.0500	0.7512	0.7222	0.1922
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.7170	0.1887	0.6911	0.5646	0.5130
mines		0.2353	0.3059	0.2060	0.0433	0.7344

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mobile		0.8112	0.0067	0.8194	0.8077	0.0869
monks-1		0.6000	0.4000	0.5996	0.1987	0.9277
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.6071	0.3929	0.6073	0.2052	0.8991
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9816	0.0185	0.9816	0.9630	0.1204
music		0.4394	0.1019	0.4132	0.3064	0.5466
musk		0.8970	0.1030	0.7835	0.5559	0.5485
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.6871	0.3130	0.6753	0.3498	0.8428
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.7674	0.2326	0.7598	0.5193	0.7280
MUT_ci300400a_cdk_FCFP6		0.7686	0.2314	0.7637	0.5270	0.7243
MUT_ci300400a_cdk_MACCS		0.7146	0.2854	0.7020	0.4005	0.8025
MUT_ci300400a_cdk_PUBCHEM		0.8036	0.1964	0.7962	0.5899	0.6568
MUT_ci300400a_cdk_STANDARD		0.7653	0.2347	0.7584	0.5168	0.7317
MUT_ci300400a_rdkit_descriptors		0.7281	0.2719	0.7201	0.4395	0.7870
myocardial		0.8235	0.0441	0.2203	0.2113	0.3558
naticusdroid		0.9427	0.0573	0.9427	0.8854	0.2935
NCI60		0.6667	0.1111	0.6222	0.6000	0.1039
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA		0.8601	0.0147	0.2969	0.5946	0.4412
ncRNA1%		0.8641	0.0143	0.3116	0.6071	0.4106
ncRNA10%		0.8639	0.0143	0.2824	0.6056	0.4175
neo		0.8948	0.1052	0.5393	0.0378	0.5510
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
newspop		0.6370	0.3630	0.6335	0.2638	0.8890
NHANES_age_prediction		0.8767	0.1233	0.7274	0.3854	0.4919
nomao		0.9347	0.0653	0.9205	0.8410	0.3645
NPHA-doctor-visits		0.5139	0.3241	0.3224	0.0051	0.5194
nursery		0.9097	0.0451	0.6921	0.8662	0.1521
obesity		0.5450	0.1300	0.5491	0.4686	0.4196
obs		0.6759	0.1620	0.6787	0.5047	0.4213
occupancy		0.9290	0.0710	0.9041	0.8067	0.4210
Occupancy_Estimation		0.9467	0.0267	0.8255	0.8357	0.1691
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.3587	0.1283	0.3168	0.2604	0.4948
oh5-wc		0.3516	0.1297	0.3252	0.2484	0.4585
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.8947	0.0234	0.8148	0.8686	0.0670
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9342	0.0132	0.9385	0.9268	0.0841
optdigitsZ		0.9822	0.0178	0.9504	0.8976	0.3086
orl		0.8500	0.0075	0.8242	0.8462	0.0248
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8144	0.1856	0.7894	0.5773	0.6574
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8968	0.1032	0.8996	0.7943	0.4192
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
page-blocks			0.9196	0.0322	0.4676	0.4557	0.4704
parkinson			0.7500	0.2500	0.7367	0.4657	0.7415
parkinsons			0.6588	0.3412	0.6262	0.2496	0.8811
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.8005	0.1995	0.7346	0.3967	0.5488
particle10%			0.8138	0.1862	0.7536	0.4522	0.5519
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9099	0.0901	0.6214	0.2387	0.6639
pcmac			0.5155	0.4845	0.4948	-0.0103	0.9929
pcos			0.9967	0.0033	0.9949	0.9896	0.0572
pd			0.8947	0.1053	0.8536	0.6863	0.3954
pediatric-leukemia			0.2353	0.2185	0.0544	0.0000	0.3686
pendigits			0.8926	0.0215	0.8948	0.8806	0.1366
period			0.7778	0.2222	0.7500	0.5000	0.7296
period-10f			0.7778	0.2222	0.7568	0.4000	0.4011
persistency			0.7872	0.2128	0.7696	0.5372	0.6985
personalities			0.9230	0.0096	0.9230	0.9179	0.1212
pet-adoption			0.6750	0.3250	0.5703	0.0399	0.6017
phishing			0.9469	0.0531	0.9442	0.8880	0.2777
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.9936	0.0064	0.9935	0.9870	0.0532
phone-acc0.1%			0.5888	0.1175	0.5686	0.5184	0.4088
phone-acc1%			0.5321	0.1337	0.5261	0.4532	0.4804
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%			0.4530	0.1563	0.4323	0.3591	0.4952
phone-gyr1%			0.4446	0.1587	0.4350	0.3494	0.5170
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7537	0.2463	0.6858	0.3699	0.7874
phy			0.6040	0.3960	0.6042	0.2076	0.9232
pima			0.6974	0.3026	0.6769	0.2974	0.7169
pirvision			0.0751	0.6166	0.0466	0.0000	0.2413
placement			0.7760	0.2240	0.7703	0.5405	0.7131
plant-growth			0.5789	0.4211	0.5760	0.1364	0.9011
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.5978	0.0332	0.2464
polish-5th			0.9306	0.0694	0.5966	0.0403	0.2959
polya			0.7762	0.2238	0.7498	0.4952	0.7182
popularity			0.6424	0.2384	0.4146	0.1426	0.5398
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.7841	0.0864	0.7853	0.7302	0.3101
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6919	0.3824	0.8284
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.4848	0.0793	0.4107	0.4276	0.2465
processed			0.8147	0.1853	0.7808	0.5570	0.6553
profb			0.7463	0.2537	0.6941	0.3738	0.7632
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio			0.7604	0.0959	0.6653	0.6700	0.3144
puc-rio10%			0.7610	0.0956	0.6447	0.6710	0.3058
pufs-1281%			0.5002	0.4998	0.5002	0.0003	0.9999
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-64			0.5024	0.4976	0.5023	0.0047	0.9963
pufs-641%			0.4850	0.5150	0.4850	-0.0300	1.0000
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9737	0.0263	0.9172	0.8219	0.1237
raisin			0.8778	0.1222	0.8824	0.7556	0.4478
re0-wc			0.4400	0.0862	0.3183	0.3427	0.6293
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.5980	0.4020	0.5478	0.0692	0.8496
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8196	0.0601	0.7804	0.7753	0.2359
satimageF			0.9782	0.0218	0.9418	0.8803	0.1611
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.8571	0.0571	0.7467	0.8056	0.0503
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.5865	0.1280	0.5676
secondary_mushroom			0.7400	0.2600	0.7372	0.4743	0.7675
seeds			0.9048	0.0635	0.9152	0.8571	0.1726
segment			0.8615	0.0396	0.8704	0.8380	0.1746
segmentation			0.7871	0.2129	0.7619	0.5196	0.6991
segmentO			0.8398	0.1602	0.5155	0.0141	0.6241
seismic			0.9341	0.0659	0.6446	0.2346	0.5292
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8504	0.1496	0.5204	0.0227	0.6527
sens-2-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram			0.8395	0.1605	0.5693	0.1273	0.7456
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram			0.8605	0.1395	0.5709	0.0879	0.6168
sens-9-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sensorless			0.7241	0.0502	0.7242	0.6965	0.2227
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8581	0.1419	0.6570	0.1724	0.4522
shuttle			0.9338	0.0189	0.5989	0.7978	0.2806
sick			0.9310	0.0690	0.4821	-0.0051	0.3478
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.6320	0.3680	0.6317	0.2613	0.8939
smart-farming			0.1600	0.4200	0.1557	-0.1230	0.8810
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6926	0.3074	0.6668	0.3335	0.8434
soil_pollution			0.2133	0.3147	0.2188	0.0146	0.8514
solar-flare			0.6115	0.1295	0.5181	0.4975	0.3413
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9265	0.0735	0.7478	0.4801	0.5399
spambase			0.8804	0.1196	0.8752	0.7424	0.4490
spect			0.7407	0.2593	0.5488	0.0870	0.8344
spectf			0.7429	0.2571	0.6732	0.1370	0.4138

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectrometer			0.6923	0.0228	0.6146	0.6747	0.0975
splice-EI			0.9369	0.0631	0.9236	0.8420	0.3752
splice-IE			0.8738	0.1262	0.8196	0.6373	0.5675
sport-articles			0.8600	0.1400	0.8486	0.6857	0.4988
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7257	0.1828	0.6756	0.5590	0.5115
steel-b			0.7897	0.2103	0.6350	0.2533	0.7611
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9641	0.0359	0.9439	0.8868	0.2321
steel-o			0.6974	0.3026	0.6400	0.2550	0.8081
steel-p			0.9128	0.0872	0.5721	0.0815	0.5290
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9128	0.0872	0.7695	0.5369	0.6096
stellar			0.7156	0.1896	0.5512	0.3765	0.2821
stock			0.8889	0.1111	0.7977	0.5874	0.5507
stockb			0.9383	0.0411	0.9408	0.9075	0.1261
streaming			0.7220	0.2780	0.7175	0.4339	0.7922
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5850	0.1660	0.3238	0.3441	0.4504
student-depression			0.8315	0.1685	0.8252	0.6489	0.6022
student-habits			0.4400	0.2240	0.2019	0.1103	0.4561
student-weekend			0.3846	0.2462	0.2659	0.1198	0.6717
student-workday			0.7031	0.1187	0.2619	0.0596	0.3432
studentap			0.3077	0.4615	0.2249	-0.1250	0.6541
susy			0.7207	0.2793	0.7219	0.4233	0.7449
susy1%			0.7200	0.2800	0.7216	0.4216	0.7433
susy10%			0.7195	0.2805	0.7206	0.4210	0.7473
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.3333	0.4444	0.3210	0.0000	0.8375
telco-churn			0.8693	0.1307	0.8239	0.6351	0.5180
texture			0.9600	0.0073	0.9625	0.9559	0.0526
theorem			0.6759	0.3241	0.6594	0.2877	0.7946
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			0.7053	0.2947	0.6519	0.2970	0.8329
tis			0.8930	0.1070	0.8563	0.7126	0.5176
tis10%			0.8134	0.1866	0.7367	0.4704	0.7021
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7200	0.2800	0.4186	-0.0736	0.7975
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.9798	0.0202	0.9696	0.9386	0.2027
turkish			0.8500	0.0750	0.8605	0.8000	0.1832

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews			0.8627	0.1373	0.8501	0.6983	0.5368
tvnews1%			0.8846	0.1154	0.8750	0.7446	0.4558
tvnews10%			0.8288	0.1712	0.8125	0.6210	0.6093
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8060	0.0431	0.8227	0.7734	0.1625
urinalysis			0.9580	0.0420	0.7788	0.5498	0.4906
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.4405	0.2798	0.4506	0.2616	0.6047
vehicleVAN			0.7619	0.2381	0.6155	0.1111	0.5766
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9535	0.0465	0.9535	0.9069	0.2525
vowel			0.3333	0.1212	0.3290	0.2667	0.3586
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.6923	0.0615	0.7163	0.6579	0.1138
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.4228	0.1649	0.4291	0.3213	0.5410
watch-acc1%			0.4677	0.1521	0.4106	0.3744	0.5240
watch-acc10%			0.5507	0.1284	0.5535	0.4731	0.4995
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.4442	0.1588	0.4466	0.3481	0.4877
watch-gyr10%			0.4525	0.1564	0.4510	0.3589	0.5541
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8680	0.0880	0.8685	0.8021	0.3183
weather-related			0.9115	0.0161	0.9048	0.8994	0.0811
web-phishing			0.7852	0.1432	0.5466	0.6015	0.5088
Weekly			0.7500	0.2500	0.7457	0.4906	0.7514
weight-lift			0.8155	0.0738	0.8059	0.7653	0.2452
white-clover			0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0254
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5094	0.1635	0.2300	0.1877	0.4310
winequality-white			0.4908	0.1455	0.2301	0.1420	0.4027
winnipeg			0.9776	0.0064	0.9689	0.9716	0.0579
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.3750	0.0833	0.3636	0.3333	0.1658
yeast			0.4662	0.1068	0.2729	0.3112	0.4524
yeastCYT-POX			0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9376	0.0125	0.9332	0.9301	0.0969

Table 225: Detailed results for SOMS

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1199	0.0607	0.0326	0.0319	0.4453
abalone19		0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.6000	0.4000	0.6094	0.2000	0.8750
ads		0.9634	0.0366	0.9208	0.8331	0.1869
adult		0.8225	0.1775	0.7255	0.4163	0.6280
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.8532	0.1468	0.8518	0.7029	0.5559
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7349	0.2651	0.7127	0.4251	0.7873
anneal		0.8090	0.0764	0.3776	0.4596	0.1451
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9152	0.0424	0.6514	0.8386	0.2194
anuran-genus		0.9040	0.0240	0.6042	0.8400	0.1283
anuran-species		0.8986	0.0203	0.6446	0.8578	0.1086
anxiety		0.1250	0.1944	0.0872	0.0135	0.6549
apple-quality		0.7825	0.2175	0.7826	0.5650	0.6957
aps-failure		0.9817	0.0183	0.6913	0.3679	0.5083
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arcene		0.6500	0.3500	0.6436	0.2857	0.8745
arrhythmia		0.7111	0.0444	0.3912	0.4667	0.2150
auction		0.8824	0.1176	0.6587	0.2124	0.4896

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.5909	0.0744	0.5012	0.5025	0.1648
audit-risk		0.9231	0.0769	0.9229	0.8339	0.2435
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.6500	0.1167	0.4614	0.5172	0.2249
avila		0.4782	0.0870	0.1784	0.2262	0.3943
babies		0.4194	0.1659	0.1600	0.0834	0.4520
balance		0.8871	0.0753	0.6118	0.7881	0.2080
bank		0.9068	0.0932	0.7355	0.4582	0.5837
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8825	0.1175	0.8711	0.7394	0.4786
basehock		0.8392	0.1608	0.8448	0.6781	0.5405
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8286	0.1714	0.8168	0.6330	0.6190
biomed		0.9048	0.0952	0.8990	0.7981	0.4308
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.5000	0.2500	0.4883	0.3333	0.6159
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5105	0.4895	0.5111	0.0217	0.9848
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9333	0.0667	0.9206	0.8413	0.3601
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8046	0.0977	0.7241	0.5281	0.2751
car-insurance		0.7840	0.2160	0.7459	0.4916	0.7267
card		0.7971	0.2029	0.7929	0.5672	0.6185
cardiotocography		0.6573	0.0685	0.6177	0.5900	0.3676
cardiotocography-nsp		0.8451	0.1033	0.7130	0.5233	0.3593
cardiovascular		0.6417	0.3583	0.6421	0.2834	0.8864
cargo2k		0.9975	0.0017	0.9975	0.9962	0.0098
cars		0.6500	0.2333	0.4660	0.3212	0.6183
cas_N6512_cdk_ECFP2		0.6866	0.3134	0.6921	0.3781	0.8196
cas_N6512_rdkit_ATOMPAIR		0.6185	0.3815	0.6128	0.2220	0.9069
cas_N6512_RDkit_AtomPair_FP		0.6380	0.3620	0.6347	0.2690	0.8936
cas_N6512_rdkit_AVALON		0.6621	0.3379	0.6691	0.3310	0.8441
cas_N6512_RDkit_Avalon_FP		0.6963	0.3037	0.7054	0.3998	0.7935
cas_N6512_rdkit_descriptors		0.6385	0.3615	0.6356	0.2711	0.8932
cas_N6512_rdkit_FEATMORGAN		0.7081	0.2919	0.7059	0.4118	0.8116
cas_N6512_RDkit_Featmorgan_FP		0.7055	0.2945	0.7032	0.4062	0.8150
cas_N6512_RDkit_FP		0.7009	0.2991	0.6994	0.3987	0.8207
cas_N6512_rdkit_LAYERED		0.6708	0.3292	0.6744	0.3451	0.8448
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS		0.6697	0.3303	0.6673	0.3346	0.8592
cas_N6512_RDkit_MACCS_FP		0.6994	0.3006	0.7003	0.3992	0.8174
cas_N6512_rdkit_MORGAN		0.6569	0.3431	0.6529	0.3040	0.8711

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.6764	0.3236	0.6782	0.3543	0.8437
cas_N6512_rdkit_PATTERN		0.6585	0.3415	0.6615	0.3200	0.8609
cas_N6512_RDkit_pattern_FP		0.6242	0.3758	0.6269	0.2516	0.8977
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.6538	0.3462	0.6643	0.3174	0.8419
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7202	0.2798	0.7178	0.4255	0.7701
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.7473	0.1263	0.5966	0.6215	0.4125
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8040	0.1960	0.6178	0.1114	0.5373
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.1200	0.0176	0.0259	0.1111	0.2160
cirrhosis		0.6905	0.2063	0.4727	0.3276	0.3679
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7685	0.1157	0.5146	0.6247	0.3377
climate		0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4626	0.2024	0.7436
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.7030	0.0540	0.3880	0.6374	0.3011
coil20		0.5139	0.0486	0.4545	0.4886	0.1828
college		0.8961	0.1039	0.8645	0.7215	0.4446
collins		0.5200	0.0640	0.4555	0.4725	0.2514
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2		0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3		0.6552	0.3448	0.6372	0.2714	0.8780
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.7419	0.2581	0.7417	0.4655	0.7236
column-3c		0.6452	0.2366	0.6131	0.4491	0.5647
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7236	0.2764	0.7238	0.4467	0.7870
coupon		0.6246	0.3754	0.6114	0.2207	0.9080
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.5869	0.1180	0.2484	0.2929	0.3622

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.8792	0.1208	0.7035	0.3880	0.6278
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.6500	0.1750	0.6640	0.5333	0.2755
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8590	0.0470	0.5015	0.7055	0.2844
cryotherapy		1.0000	0.0000	1.0000	1.0000	0.0000
cultivars		0.0000	0.0500	0.0000	-0.0271	0.2417
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.1188	0.0112	0.6221
cyclopentane		0.7037	0.2963	0.7191	0.4194	0.7609
cylinder-bands		0.7037	0.2963	0.6925	0.3802	0.8135
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1036	0.1793	0.0593	0.0036	0.6230
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8087	0.1913	0.6788	0.3229	0.6835
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.5000	0.3333	0.3492	0.1111	0.5070
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6250	0.2500	0.4963	0.4000	0.3775
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.8654	0.1346	0.8643	0.7234	0.5226
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.8404	0.1596	0.7232	0.4084	0.6057
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8667	0.0667	0.8414	0.8162	0.1998
diamonds_all		0.5747	0.1701	0.3712	0.3687	0.4498
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih		0.5000	0.5000	0.4857	-0.0286	0.9973
dlbcl-stanford		0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5301	0.4699	0.5202	0.0368	0.9563
drebin		0.9335	0.0665	0.9284	0.8567	0.3361
dropout		0.6862	0.2092	0.5121	0.4243	0.3723
drug-01		0.4043	0.1702	0.1241	0.0254	0.3650
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6702	0.0942	0.1425	0.0510	0.3109
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3777	0.1778	0.2014	0.2052	0.4983
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5479	0.1292	0.1528	0.1514	0.3608
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-13		0.6064	0.1125	0.1740	0.2592	0.3384
drug-14		0.5745	0.1216	0.2148	0.2195	0.4199
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5638	0.1454	0.1912	0.1954	0.3479
drug-17		0.3617	0.1824	0.1326	0.0927	0.4369
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.8817	0.0338	0.9047	0.8571	0.1586
ecoli		0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2400	0.3800	0.1581	-0.0181	0.5820
eeg		0.2499	0.0938	0.1182	0.1544	0.5217
eeg-eye		0.5861	0.4139	0.5716	0.1332	0.9187
eeg10%		0.2267	0.0967	0.1260	0.1302	0.5056
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4932	0.2027	0.3895	0.3303	0.5004
euthyroid		0.9209	0.0791	0.7861	0.5714	0.5874
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9125	0.0875	0.9185	0.8260	0.3239
fakenews		0.5300	0.4700	0.5305	0.0608	0.9800
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.2480	0.0885	0.0815	0.1219	0.3571
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.5196	0.0249	0.8503
financial-risk		0.6475	0.1175	0.3186	0.3871	0.3478
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8269	0.0865	0.8145	0.7595	0.2420
gas		0.6801	0.1066	0.6919	0.6152	0.3682
gastrointestinal		0.6875	0.2083	0.6528	0.5062	0.4739
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.8297	0.1136	0.8150	0.7303	0.4036
german		0.6600	0.3400	0.5868	0.1521	0.8562
gestures		0.5445	0.2277	0.5644	0.3929	0.5715
gina		0.8646	0.1354	0.8664	0.7284	0.5066
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6190	0.1270	0.4992	0.4437	0.2915
glass-g2		0.7500	0.2500	0.7241	0.4286	0.7242
glassBWFP		0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.0909	0.9091	0.0833	0.0000	0.2192
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.8636	0.1364	0.7471	0.3529	0.4422
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.3000	0.1429	0.0000	0.3039
glioma-grade		0.8571	0.1429	0.8547	0.7085	0.5490
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.3333	0.3333	0.3621	0.0964	0.5527
gsalc		0.7778	0.0741	0.8333	0.7353	0.1060
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.7914	0.0348	0.5694	0.7533	0.1877
har		0.4169	0.2332	0.4243	0.2529	0.6828

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.7850	0.0614	0.4547	0.6706	0.2163
har7010%		0.7822	0.0622	0.4650	0.6781	0.2080
harth		0.0012	0.1665	0.0002	0.0000	0.3230
harth1%		0.7067	0.0489	0.3067	0.5942	0.2604
harth10%		0.6915	0.0514	0.2964	0.5727	0.2656
hayes-roth		0.3125	0.4583	0.2695	-0.0932	0.7146
hcc-survival		0.5882	0.4118	0.6071	0.2013	0.8825
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7360	0.4706	0.7649
heart-attack		0.8387	0.1613	0.8369	0.6723	0.5819
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.8080	0.1920	0.7962	0.5831	0.6535
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.7981	0.2019	0.8038	0.5968	0.6329
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.2308	0.7692	0.1875	0.0000	0.4238
higgs0.1%		0.5745	0.4255	0.5820	0.1080	0.7803
higgs1%		0.5687	0.4313	0.5836	0.0908	0.7237
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.1429	0.2143	0.1205	-0.0120	0.3584
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8752	0.1248	0.8127	0.6132	0.6015
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6389	0.2407	0.4437	0.2909	0.3545
hotel-reservartions		0.7776	0.2224	0.7365	0.4658	0.7212
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.5638	0.2908	0.5712	0.3471	0.6466
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9363	0.0318	0.4632	0.4820	0.1360
hypothyroidT		0.9443	0.0557	0.7702	0.4129	0.1492
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.5556	0.4444	0.5303	0.0526	0.7987
instagram		0.9100	0.0450	0.9146	0.8800	0.1669
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		0.9600	0.0400	0.9613	0.9196	0.1967
isolet		0.4416	0.0430	0.3522	0.4193	0.2051
jm1		0.8099	0.1901	0.6082	0.0520	0.4433
jvowels		0.8042	0.0435	0.7972	0.7785	0.2471
kc1		0.8578	0.1422	0.6619	0.2344	0.5430
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.7692	0.2308	0.6541	0.3082	0.7873
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.7490	0.1674	0.5555	0.5795	0.2477
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2706	0.0810	0.1252	0.1735	0.5029

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krvskp		0.9028	0.0972	0.9026	0.8053	0.4246
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.5000	0.5000	0.6604	0.1818	0.5239
leaf		0.1176	0.0441	0.0467	0.0973	0.1780
led24		0.7500	0.0500	0.7226	0.7175	0.0993
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.2060	0.0611	0.1681	0.1749	0.4363
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.5833	0.0556	0.5337	0.5530	0.1555
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7059	0.2941	0.6808	0.3585	0.8145
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.4763	0.0952	0.1741	0.2908	0.3783
lrs		0.8113	0.0377	0.4125	0.7402	0.1381
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		0.8750	0.0357	0.5714	0.8431	0.0000
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.8723	0.1277	0.8699	0.7390	0.5128
madelon		0.6423	0.3577	0.6428	0.2846	0.8855
magic04		0.7738	0.2262	0.7415	0.4657	0.6951
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8438	0.1562	0.8432	0.6850	0.5699
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6436	0.2376	0.6529	0.4527	0.5020
math		0.7000	0.1500	0.5070	0.5210	0.3683
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.7500	0.1250	0.7819	0.6667	0.2396
mental-health		0.1933	0.3227	0.1393	-0.0162	0.6678
messidor		0.5913	0.4087	0.5938	0.1854	0.9231
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.5000	0.2500	0.6317	0.3017	0.4119
meter-D		0.7222	0.1389	0.5811	0.6018	0.2787
mfeat-fac		0.9050	0.0190	0.9079	0.8944	0.1119
mfeat-fou		0.6750	0.0650	0.6749	0.6389	0.2800
mfeat-kar		0.8850	0.0230	0.8934	0.8722	0.1219
mfeat-mor		0.7050	0.0590	0.7112	0.6722	0.2064
mfeat-pix		0.9100	0.0180	0.9150	0.9000	0.0979
mfeat-zer		0.7250	0.0550	0.7298	0.6944	0.2336
mice-prot		0.8056	0.0486	0.8149	0.7773	0.1731
milk		0.8679	0.0881	0.8578	0.7982	0.2825
mines		0.4118	0.2353	0.3414	0.2601	0.4495
mobile		0.1713	0.0296	0.0983	0.1566	0.2558
monks-1		0.8364	0.1636	0.8364	0.6724	0.5893
monks-2		0.6230	0.3770	0.5586	0.1148	0.9247
monks-3		0.9464	0.0536	0.9467	0.8929	0.2762
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
mushroom			0.9889	0.0111	0.9890	0.9778	0.0787
music			0.4089	0.1075	0.3436	0.2830	0.5375
musk			0.8727	0.1273	0.7220	0.2660	0.2686
MUT_ci300400a_cdk_ECFP2			0.7002	0.2998	0.6918	0.3836	0.8254
MUT_ci300400a_cdk_ECFP4			0.6982	0.3018	0.6845	0.3657	0.8254
MUT_ci300400a_cdk_ECFP6			0.7198	0.2802	0.7073	0.4097	0.7925
MUT_ci300400a_cdk_ESTATE			0.6859	0.3141	0.6715	0.3400	0.8414
MUT_ci300400a_cdk_EXTENDED			0.6918	0.3082	0.6770	0.3491	0.8305
MUT_ci300400a_cdk_FCFP2			0.6731	0.3269	0.6581	0.3137	0.8578
MUT_ci300400a_cdk_FCFP4			0.7086	0.2914	0.7041	0.4074	0.8097
MUT_ci300400a_cdk_FCFP6			0.7074	0.2926	0.6943	0.3848	0.8122
MUT_ci300400a_cdk_MACCS			0.6954	0.3046	0.6808	0.3564	0.8253
MUT_ci300400a_cdk_PUBCHEM			0.7281	0.2719	0.7156	0.4240	0.7754
MUT_ci300400a_cdk_STANDARD			0.6695	0.3305	0.6528	0.3012	0.8591
MUT_ci300400a_rdkit_descriptors			0.6917	0.3083	0.6866	0.3730	0.8332
myocardial			0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid			0.9281	0.0719	0.9284	0.8561	0.3402
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.5000	0.1111	0.3333	0.4194	0.0881
ncRNA1%			0.8467	0.0161	0.1017	0.4813	0.1330
ncRNA10%			0.8518	0.0156	0.1064	0.5195	0.1556
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			0.9048	0.0952	0.7835	0.4615	0.2236
new3s-wc			0.0095	0.0450	0.0004	0.0000	0.4165
newspop			0.5911	0.4089	0.5858	0.1681	0.9301
NHANES_age_prediction			0.9251	0.0749	0.8763	0.7452	0.4938
nomao			0.8297	0.1703	0.7884	0.5764	0.6511
NPHA-doctor-visits			0.4444	0.3704	0.2802	-0.0722	0.5839
nursery			0.8750	0.0500	0.5318	0.8150	0.1395
obesity			0.5308	0.1341	0.5172	0.4504	0.4456
obs			0.6944	0.1528	0.6612	0.5173	0.3614
occupancy			0.9805	0.0195	0.9729	0.9457	0.1755
Occupancy_Estimation			0.9576	0.0212	0.8571	0.8683	0.1276
oh0-wc			0.6634	0.0673	0.6848	0.6123	0.2634
oh10-wc			0.6381	0.0724	0.5892	0.5867	0.3466
oh15-wc			0.7609	0.0478	0.7699	0.7309	0.2533
oh5-wc			0.7253	0.0549	0.7600	0.6897	0.2401
ohscal-wc			0.1039	0.1792	0.0188	0.0000	0.4018
olive			0.9123	0.0195	0.8353	0.8898	0.0492
opn310k			0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%			0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.8932	0.0214	0.8998	0.8813	0.1271
optdigitsZ			0.9982	0.0018	0.9945	0.9889	0.0098
orl			0.2250	0.0387	0.1305	0.2051	0.1810
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			0.7600	0.2400	0.7552	0.5033	0.7248
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.7629	0.2371	0.7306	0.4599	0.7522
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8651	0.1349	0.8647	0.7293	0.5256
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9269	0.0293	0.5551	0.5787	0.4152
parkinson			0.9083	0.0917	0.9066	0.8121	0.4142
parkinsons			0.7109	0.2891	0.7101	0.4131	0.7884
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.8277	0.1723	0.7743	0.5379	0.6313
pasture			0.2500	0.5000	0.1333	0.0000	0.4055
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			0.8000	0.2000	0.4444	0.0000	0.3522
pd			0.7763	0.2237	0.6533	0.2609	0.7060
pediatric-leukemia			0.2353	0.2185	0.0602	0.0101	0.3864
pendigits			0.8872	0.0226	0.8886	0.8745	0.1322
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.7784	0.2216	0.7764	0.5460	0.6941
personalities			0.6738	0.0408	0.6142	0.6521	0.2385
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.9102	0.0898	0.9062	0.8123	0.4135
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.4372	0.1608	0.3632	0.3371	0.4912
phone-acc1%			0.4334	0.1619	0.3612	0.3372	0.4771
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.4566	0.1553	0.4293	0.3669	0.4660
phone-gyr1%			0.3701	0.1800	0.2742	0.2632	0.4054
phone-gyr10%			0.1372	0.2465	0.0345	0.0000	0.4035
phoneme			0.7741	0.2259	0.7581	0.5009	0.6988
phy			0.4916	0.5084	0.4918	-0.0163	1.0000
pima			0.7105	0.2895	0.6891	0.3407	0.7408
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.7800	0.2200	0.7735	0.5470	0.7063
plant-growth			0.5263	0.4737	0.3448	0.0000	0.5239
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5288	0.0942	0.1065	0.0869	0.2559
poker10%			0.5328	0.1168	0.1344	0.0976	0.2830
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.7283	0.1087	0.7318	0.6604	0.3581
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6185	0.2353	0.9081
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3030	0.1072	0.2492	0.2356	0.3093
processed			0.8443	0.1557	0.8210	0.6420	0.6045
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.8000	0.2000	0.7917	0.5833	0.6737
prostate			0.6429	0.3571	0.6443	0.2857	0.8758
prostate_GE			0.8182	0.1818	0.8451	0.6452	0.4308
puc-rio			0.7444	0.1023	0.5835	0.6469	0.3359
puc-rio10%			0.7109	0.1156	0.6368	0.5962	0.2993
pufs-1281%			0.4935	0.5065	0.4933	-0.0129	0.9927
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
re0-wc			0.5933	0.0626	0.2408	0.4538	0.3454
re1-wc			0.4759	0.0419	0.2025	0.3997	0.2828
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.9863	0.0137	0.9862	0.9722	0.0934
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6270	0.3730	0.5919	0.1511	0.8399
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.8196	0.0601	0.7727	0.7751	0.2279
satimageF			0.9829	0.0171	0.9546	0.9066	0.1130
satimageT			0.9036	0.0964	0.7053	0.4044	0.6293
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis			0.9630	0.0370	0.9635	0.9244	0.1598
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.7916	0.2084	0.7884	0.5766	0.6820
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.8615	0.0396	0.8737	0.8380	0.1656
segmentation			0.7624	0.2376	0.7523	0.5006	0.7321
segmentO			0.9697	0.0303	0.9390	0.8778	0.2677
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9811	0.0189	0.9467	0.8928	0.2097
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.2829	0.1304	0.2812	0.2112	0.6103
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.9597	0.0115	0.4067	0.8890	0.0947
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.5000	0.5000	0.3333	0.0000	0.5283
skin			0.9795	0.0205	0.9699	0.9391	0.2038
skin10%			0.9788	0.0212	0.9677	0.9354	0.1814
smarket			0.8880	0.1120	0.8908	0.7752	0.4315
smart-farming			0.1800	0.4100	0.1795	-0.1022	0.8506
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.7086	0.2914	0.6974	0.3921	0.8078
soil_pollution			0.2100	0.3160	0.1611	0.0126	0.6640
solar-flare			0.6619	0.1127	0.4822	0.5621	0.2797
sonar			0.5000	0.5000	0.5000	0.0000	0.9243
soybean			0.7353	0.0279	0.4868	0.7075	0.0984
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.8348	0.1652	0.8275	0.6388	0.5425
spect			0.7037	0.2963	0.5141	0.0270	0.8776
spectf			0.8000	0.2000	0.7481	0.4948	0.7085
spectrometer			0.3654	0.0470	0.1719	0.3257	0.2070
splice-EI			0.9148	0.0852	0.8923	0.7824	0.4543
splice-IE			0.9148	0.0852	0.8838	0.7674	0.4613
sport-articles			0.3700	0.6300	0.2701	0.0000	0.5154
squash-stored			0.2000	0.5333	0.1111	0.0000	0.4227
squash-unstored			0.4000	0.4000	0.1905	0.0000	0.2619
startup			0.6989	0.3011	0.6712	0.3424	0.8361

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel_industry			0.7523	0.1651	0.7048	0.5975	0.4398
steel-b			0.7744	0.2256	0.6228	0.2388	0.7942
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9590	0.0410	0.9356	0.8693	0.2472
steel-o			0.7487	0.2513	0.7102	0.4084	0.7542
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9436	0.0564	0.8685	0.7245	0.5075
stellar			0.6910	0.2060	0.6384	0.3739	0.4669
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.8150	0.1233	0.8177	0.7226	0.3041
streaming			0.7660	0.2340	0.7705	0.5345	0.7058
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5950	0.1620	0.2635	0.3137	0.3455
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3900	0.2440	0.1804	0.0274	0.4606
student-weekend			0.3846	0.2462	0.2352	0.1028	0.5503
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.3586	0.1250	0.5394
susy1%			0.7240	0.2760	0.7244	0.4312	0.7472
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4000	0.4000	0.3944	0.1000	0.7783
telco-churn			0.8622	0.1378	0.8140	0.6175	0.5477
texture			0.7545	0.0446	0.7680	0.7298	0.2168
theorem			0.8543	0.1457	0.8497	0.6990	0.5548
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe			0.8737	0.1263	0.8568	0.6987	0.4511
tis			0.8497	0.1503	0.8045	0.6080	0.6269
tis10%			0.8209	0.1791	0.7381	0.4627	0.6669
titanic			0.7591	0.2409	0.7276	0.4549	0.7599
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.5294	0.2353	0.5334	0.3790	0.3921
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.5882	0.4118	0.4903	-0.0171	0.9466
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.3659	0.1409	0.1620	0.2045	0.3705
trec12-wc			0.5161	0.1210	0.2862	0.3630	0.2584
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.3240	0.1000	0.4660
trec31-wc			0.5376	0.1541	0.3041	0.3593	0.4740
trec41-wc			0.6023	0.0795	0.3656	0.5061	0.3364
trec45-wc			0.3043	0.1391	0.2002	0.1534	0.4621
tuandromd			0.9776	0.0224	0.9652	0.9304	0.1938
turkish			0.6750	0.1625	0.6687	0.5667	0.3692
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9000	0.1000	0.8917	0.7825	0.4367
tvnews10%			0.7833	0.2167	0.7680	0.5359	0.7101
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7612	0.0531	0.7416	0.7198	0.1682
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.6548	0.1726	0.6081	0.5220	0.4259
vehicleVAN			0.2500	0.7500	0.2000	0.0000	0.4422
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9767	0.0233	0.9773	0.9535	0.1262
vowel			0.4444	0.1010	0.4299	0.3889	0.2618
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.6731	0.0327	0.3979	0.6350	0.1784
warpar10p			0.3077	0.1385	0.2243	0.2353	0.2617
warppie10p			0.1905	0.1619	0.2118	0.1053	0.3513
watch-acc1%			0.4151	0.1671	0.3698	0.3115	0.5678
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.4354	0.1613	0.4159	0.3430	0.5344
watch-gyr10%			0.4479	0.1577	0.3815	0.3520	0.4711
water_pollution			0.2167	0.3917	0.2163	-0.0425	0.8563
waveform			0.8180	0.1213	0.8199	0.7271	0.3948
weather-related			0.4577	0.0986	0.2684	0.3661	0.3285
web-phishing			0.7704	0.1531	0.5309	0.5654	0.3758
Weekly			0.9722	0.0278	0.9719	0.9436	0.1670
weight-lift			0.4143	0.2343	0.4088	0.2633	0.7169
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9850	0.0075	0.9854	0.9800	0.0341
wilt			0.0497	0.9503	0.0473	0.0000	0.1299
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4906	0.1698	0.1863	0.1431	0.3531
winequality-white			0.4847	0.1472	0.1562	0.1188	0.3467
winnipeg10%			0.9199	0.0229	0.7738	0.8992	0.1246
wisc_bc			0.9474	0.0526	0.9432	0.8858	0.2729
yale			0.4375	0.0750	0.3733	0.4000	0.1645
yeast			0.5203	0.0959	0.3041	0.3932	0.4086
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.8161	0.0368	0.8036	0.7936	0.2331

Table 226: Detailed results for SPLS

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1199	0.0607	0.0446	0.0358	0.4281
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.9973	0.0009	0.9974	0.9968	0.0056
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8263	0.1737	0.7420	0.4629	0.6391
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.8697	0.1303	0.8672	0.7343	0.5162
alcohol		0.7333	0.1067	0.2374	0.3147	0.2285
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8465	0.1535	0.8300	0.6591	0.5847
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9096	0.0452	0.6295	0.8237	0.2126
anuran-genus		0.8943	0.0264	0.5979	0.8191	0.1682
anuran-species		0.9042	0.0192	0.6863	0.8638	0.0855
anxiety		0.1000	0.2000	0.0937	-0.0159	0.8119
apple-quality		0.7325	0.2675	0.7336	0.4650	0.7707
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.7500	0.1000	0.7273	0.6622	0.2187
avila		0.4816	0.0864	0.1872	0.1890	0.3175
babies		0.4355	0.1613	0.1402	0.0970	0.3740
balance		0.8871	0.0753	0.6114	0.7877	0.2090
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.8894	0.1106	0.8815	0.7472	0.3796
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9945	0.0055	0.8167	0.5975	0.2371
biodeg		0.8571	0.1429	0.8494	0.6986	0.5580
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5381	0.2310	0.5457	0.3841	0.4637
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5200	0.4800	0.5201	0.0401	0.9880
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.7407	0.7800	0.0723
bridges		0.7000	0.0857	0.4163	0.5455	0.1058
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8103	0.0948	0.3938	0.5657	0.3585
car-insurance		0.8280	0.1720	0.7952	0.5886	0.6381
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.6714	0.0657	0.4866	0.5956	0.2524
cardiotocography-nsp		0.8357	0.1095	0.6341	0.4606	0.4354
cardiovascular		0.6504	0.3496	0.6506	0.3007	0.8782
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5951	0.4643	0.4591
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.0024	0.9976	0.0024	0.0000	0.0069
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.0009	0.9991	0.0009	0.0000	0.0027
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.8916	0.1084	0.6733	0.3416	0.6566
churn		0.7990	0.2010	0.5973	0.1008	0.5943
churn-bigml		0.8652	0.1348	0.6825	0.1246	0.2760
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0400	0.0192	0.0031	0.0303	0.3071
cirrhosis		0.7619	0.1587	0.5228	0.4976	0.3306
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7657	0.1171	0.4261	0.6105	0.2435
climate		0.8333	0.1667	0.7609	0.4029	0.4858
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5442	0.3039	0.5267	0.2704	0.6710
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.7897	0.0382	0.4562	0.7395	0.1970
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.7742	0.1505	0.7045	0.6213	0.3349
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7692	0.2308	0.7693	0.5382	0.7179
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8258	0.0581	0.3917	0.5797	0.1975
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1875	0.0406	0.0805	0.1663	0.1237
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.1020	-0.0145	0.6310
cyclopentane		0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8013	0.1987	0.6554	0.1988	0.5566
defect		0.8549	0.1451	0.6845	0.3444	0.6562
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9038	0.0962	0.9041	0.8024	0.4159
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.8459	0.1541	0.7333	0.4105	0.5468
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8500	0.0750	0.6787	0.7875	0.1181
diamonds_all		0.5628	0.1749	0.3806	0.3321	0.3994
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3787	0.6213	0.2747	0.0000	0.5182
dropout		0.7585	0.1610	0.6497	0.5792	0.4143
drug-01		0.4096	0.1687	0.1258	0.0476	0.4139
drug-02		0.4947	0.1444	0.1399	0.0489	0.4638
drug-03		0.6915	0.0881	0.1172	0.0096	0.1975
drug-04		0.5266	0.1353	0.1767	0.0498	0.3474
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4362	0.1611	0.2190	0.2681	0.3721
drug-07		0.4787	0.1489	0.1494	0.1021	0.3170
drug-08		0.5532	0.1277	0.2242	0.0520	0.3410
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.1538	0.1375	0.3501
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1720	0.2113	0.3264
drug-14		0.5904	0.1170	0.2173	0.2142	0.3764
drug-15		0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16		0.5904	0.1365	0.2671	0.2649	0.3836
drug-17		0.3830	0.1763	0.1390	0.1336	0.4233
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9015	0.0281	0.9125	0.8809	0.1438
ecoli		0.8235	0.0441	0.4201	0.7472	0.1040
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3400	0.3300	0.3384	0.1195	0.7883
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.6482	0.3518	0.6401	0.2726	0.8705
eeg10%		0.3130	0.0859	0.2726	0.2284	0.5494
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5890	0.1644	0.5293	0.4586	0.4105
euthyroid		0.9177	0.0823	0.7126	0.2901	0.3305
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5450	0.4550	0.5450	0.0900	0.9718
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9020	0.0980	0.9028	0.7997	0.3894
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.8654	0.0673	0.8614	0.8129	0.1772
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6021	0.2653	0.3807	0.1449	0.5100
gene		0.8959	0.0694	0.8859	0.8355	0.2632
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6667	0.1111	0.5146	0.5100	0.2701
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP		0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.8929	0.1071	0.8949	0.7840	0.4385
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.3828	0.2547	0.4763
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7000	0.3000	0.4118	-0.0630	0.7714
hapt		0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har		0.7003	0.1199	0.6918	0.6175	0.4334
har70		0.7480	0.0720	0.3817	0.5928	0.1846
har701%		0.7416	0.0738	0.3748	0.5820	0.1847
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth1%		0.6140	0.0643	0.1691	0.4190	0.2499
harth10%		0.6172	0.0638	0.1719	0.4253	0.2467
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.8667	0.1333	0.8661	0.7321	0.5220
heart-failure		0.8380	0.1620	0.8083	0.6153	0.6172
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.9333	0.0667	0.8929	0.7619	0.1858
hepmass1%		0.8339	0.1661	0.8339	0.6678	0.5962
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6609	0.3391	0.6583	0.3126	0.8613
higgs1%		0.6391	0.3609	0.6361	0.2651	0.8776
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1141	0.0435	0.3780
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6667	0.2222	0.6400	0.3915	0.4596
hotel-reservartions		0.8151	0.1850	0.7819	0.5536	0.6368
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.5580	0.2947	0.5597	0.3361	0.6789
ht-sensor10%		0.5383	0.3078	0.5387	0.3062	0.6973
htru2		0.9721	0.0279	0.9109	0.8080	0.1395
hypothyroid		0.9204	0.0398	0.3805	0.2188	0.0908
hypothyroidT		0.9310	0.0690	0.7021	0.1756	0.1727
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9080	0.0460	0.9117	0.8773	0.1774
ionosphere		0.8571	0.1429	0.8291	0.6421	0.5116
iris		0.6667	0.2222	0.6139	0.4898	0.3083
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8136	0.1864	0.6185	0.1150	0.5338
jvowels		0.8564	0.0319	0.8541	0.8369	0.1634
kc1		0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.5859	0.0949	0.6347
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.8149	0.1234	0.7596	0.6930	0.2582
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2667	0.0815	0.1030	0.1469	0.4065

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krvskp		0.9373	0.0627	0.9376	0.8746	0.3103
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.3529	0.0324	0.1867	0.3327	0.1137
led24		0.7000	0.0600	0.6496	0.6581	0.1620
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.5525	0.0344	0.5625	0.5343	0.3368
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.6667	0.0444	0.6356	0.6427	0.1390
linkage1%		0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%		0.9981	0.0019	0.9022	0.7868	0.4689
liver		0.8235	0.1765	0.7984	0.5968	0.6488
loan		0.9508	0.0492	0.9479	0.8957	0.2757
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.7925	0.0415	0.3484	0.7053	0.1323
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0714	0.4469	0.7255	0.1760
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7743	0.2257	0.7425	0.4718	0.7041
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8125	0.1875	0.8125	0.6245	0.6395
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6238	0.2508	0.6252	0.4173	0.5520
math		0.7000	0.1500	0.3886	0.4990	0.2977
mba		0.8371	0.1086	0.3613	0.0106	0.2295
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2100	0.3160	0.2078	0.0062	0.7325
messidor		0.7043	0.2957	0.7119	0.4147	0.7881
meter-A		1.0000	0.0000	1.0000	1.0000	0.0000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7778	0.1111	0.6252	0.6856	0.2101
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.7400	0.0520	0.7369	0.7111	0.2290
mfeat-kar		0.9350	0.0130	0.9370	0.9278	0.0794
mfeat-mor		0.6150	0.0770	0.6065	0.5722	0.2278
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.8050	0.0390	0.8028	0.7833	0.1415
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.7736	0.1509	0.7464	0.6506	0.4401
mines		0.4412	0.2235	0.2602	0.2806	0.3545
mobile		0.5455	0.0162	0.5293	0.5372	0.1853
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.4400	0.1018	0.3725	0.2979	0.4977
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.8574	0.0150	0.1268	0.5315	0.1603
ncRNA10%		0.8590	0.0148	0.1695	0.5423	0.1413
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT		0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc		0.0105	0.0450	0.0005	0.0000	0.4162
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9515	0.0485	0.9048	0.7979	0.2301
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4583	0.3611	0.2471	-0.0939	0.5773
nursery		0.9198	0.0321	0.5591	0.8811	0.1046
obesity		0.6161	0.1097	0.6051	0.5519	0.3735
obs		0.7222	0.1389	0.7523	0.5841	0.3839
occupancy		0.9864	0.0136	0.9816	0.9624	0.1468
Occupancy_Estimation		0.9664	0.0168	0.8973	0.8953	0.0814
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.8421	0.0351	0.6900	0.7997	0.0880
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9214	0.0314	0.4439	0.3305	0.1341
parkinson		0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons		0.8009	0.1991	0.7967	0.5892	0.6629
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.8969	0.1031	0.8705	0.7404	0.4802
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.8817	0.0237	0.8804	0.8685	0.1492
period			0.5556	0.4444	0.5000	0.0000	0.9591
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9000	0.1000	0.8881	0.7570	0.3198
phishing			0.9469	0.0531	0.9442	0.8880	0.2777
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.5276	0.1350	0.5104	0.4471	0.3961
phone-acc1%			0.5340	0.1331	0.4868	0.4547	0.3853
phone-acc10%			0.1413	0.2453	0.0354	0.0000	0.4030
phone-gyr0.1%			0.3654	0.1813	0.3739	0.2574	0.4197
phone-gyr1%			0.3736	0.1790	0.3765	0.2664	0.4139
phone-gyr10%			0.1372	0.2465	0.0345	0.0000	0.4035
phoneme			0.7685	0.2315	0.6953	0.3824	0.7581
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.8988	0.0675	0.7791	0.5902	0.1465
placement			0.7910	0.2090	0.7869	0.5734	0.6856
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1001	0.0666	0.0000	0.1727
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6041	0.2059	0.9196
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.5152	0.0746	0.3639	0.4579	0.2473
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.8358	0.1642	0.8119	0.6234	0.6196
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.7961	0.0816	0.7011	0.7188	0.2405
puc-rio10%			0.8051	0.0780	0.7024	0.7316	0.2413
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9697	0.0303	0.9038	0.7903	0.1344
raisin			0.9000	0.1000	0.9025	0.8000	0.4045
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
re0-wc		0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc		0.0181	0.0786	0.0014	0.0000	0.3595
rejafada		0.0352	0.9648	0.0340	0.0000	0.0946
relathe		0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578		0.4470	0.0230	0.0129	0.0000	0.2191
rice		0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq		0.1750	0.3300	0.0596	0.0000	0.3826
rocket		0.6168	0.3832	0.5837	0.1562	0.9021
RT_IOT2022		0.0336	0.1611	0.0054	0.0000	0.1744
satimage		0.7558	0.0814	0.6555	0.6908	0.2064
satimageF		0.9767	0.0233	0.9375	0.8709	0.1660
satimageT		0.8989	0.1011	0.4734	0.0000	0.2253
scadi		0.4286	0.2286	0.1200	0.0000	0.3480
schiller		0.6667	0.3333	0.7404	0.3721	0.5239
schizo		0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom		0.5548	0.4452	0.3568	0.0000	0.5166
seeds		0.9524	0.0317	0.9553	0.9286	0.0868
segment		0.8831	0.0334	0.8936	0.8632	0.1221
segmentation		0.8020	0.1980	0.7798	0.5574	0.6750
segmentO		0.9740	0.0260	0.9473	0.8940	0.2198
seismic		0.9341	0.0659	0.4830	0.0000	0.1661
semeion		0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sensorless		0.0908	0.1653	0.0151	0.0000	0.4085
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8759	0.1241	0.7164	0.3371	0.4528
shuttle		0.8759	0.0355	0.4542	0.5532	0.0789
sick		0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6		1.0000	0.0000	1.0000	1.0000	0.0000
skin		0.9270	0.0730	0.8936	0.7858	0.4440
skin10%		0.9248	0.0752	0.8888	0.7770	0.4494
smarket		0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming		0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187		0.4737	0.5263	0.3214	0.0000	0.5305
smoking		0.7398	0.2602	0.7318	0.4596	0.7625
soil_pollution		0.2167	0.3133	0.2170	0.0231	0.8251
solar-flare		0.7410	0.0863	0.5888	0.6660	0.1944
sonar		0.5500	0.4500	0.5503	0.1000	0.9662
soybean		0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection		0.9175	0.0825	0.7002	0.1729	0.1966
spambase		0.8652	0.1348	0.8586	0.7171	0.5334
spect		0.8148	0.1852	0.6923	0.3478	0.6626
spectf		0.7429	0.2571	0.6378	0.2025	0.6822
spectrometer		0.4038	0.0442	0.2556	0.3557	0.1981
splice-EI		0.9464	0.0536	0.9317	0.8619	0.3430
splice-IE		0.9022	0.0978	0.8601	0.7176	0.4747
sport-articles		0.8000	0.2000	0.7815	0.5402	0.6155
squash-stored		1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored		0.6000	0.2667	0.4375	0.3333	0.2250
startup		0.6452	0.3548	0.3922	0.0000	0.4773

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel_industry			0.7423	0.1718	0.6850	0.5790	0.4845
steel-b			0.8256	0.1744	0.6977	0.3605	0.6518
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9590	0.0410	0.9356	0.8693	0.2472
steel-o			0.7487	0.2513	0.7104	0.3717	0.6713
steel-p			0.9128	0.0872	0.5721	0.0815	0.5290
steel-s			0.9692	0.0308	0.7646	0.3900	0.0945
steel-z			0.9333	0.0667	0.7977	0.5922	0.5244
stellar			0.8428	0.1048	0.8199	0.7035	0.3338
stock			0.8889	0.1111	0.7912	0.5421	0.4502
stockb			0.9031	0.0646	0.9089	0.8547	0.1654
streaming			0.8000	0.2000	0.7975	0.5949	0.6667
stress			0.9683	0.0127	0.9713	0.9603	0.0374
student-lifestyle			0.6350	0.1460	0.3355	0.3793	0.3177
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend			0.4154	0.2338	0.1950	0.1587	0.4302
student-workday			0.6875	0.1250	0.1630	-0.0248	0.2966
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.7574	0.2426	0.7659	0.4969	0.6403
susy10%			0.7622	0.2378	0.7707	0.5071	0.6325
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.9020	0.0980	0.8709	0.7394	0.4578
texture			0.9836	0.0030	0.9844	0.9820	0.0237
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.4186	-0.0736	0.7975
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.7500	0.1250	0.7443	0.6667	0.2772
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7463	0.0564	0.7855	0.7016	0.1830
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7381	0.1310	0.7186	0.6514	0.2286
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.4343	0.1028	0.3582	0.3778	0.2545
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.4657	0.1527	0.4548	0.3714	0.5233
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%			0.3241	0.1931	0.2928	0.2056	0.4901
watch-gyr10%			0.3441	0.1874	0.3444	0.2291	0.4816
water_pollution			0.2267	0.3867	0.1816	-0.0342	0.7063
waveform			0.8560	0.0960	0.8561	0.7840	0.3412
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.7778	0.1481	0.5349	0.5801	0.3622
Weekly			0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9150	0.0425	0.9158	0.8867	0.1411
wilt			0.9503	0.0497	0.4873	0.0000	0.1349
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5912	0.1363	0.2176	0.3081	0.3501
winequality-white			0.5215	0.1367	0.2029	0.2017	0.3711
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7132	0.7322	0.0618
yeast			0.4797	0.1041	0.2817	0.3287	0.4564
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 227: Detailed results for SR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1880	0.0773	0.0956	0.1011	0.4402
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.9756	0.0244	0.9505	0.9007	0.2654
adult		0.6464	0.3536	0.7228	0.3453	0.5689
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter		0.8333	0.1667	0.4545	-0.0907	0.7189
AID_1431_MACCSFingerprinter		0.8254	0.1746	0.4937	-0.0124	0.6978
AID_1878		0.6762	0.3238	0.5655	0.1233	0.7809
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9993	0.0007	0.4998	-0.0003	0.3124
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.3500	0.6500	0.5906	0.0441	0.4906
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.5950	0.1818	0.8134
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9973	0.0027	0.4993	-0.0013	0.4293
AID746red		0.9933	0.0067	0.5708	0.0889	0.4161
aids		0.8779	0.1221	0.8307	0.6604	0.5547
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
alcohol		0.6952	0.1219	0.3660	0.4082	0.2824
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.7209	0.2791	0.7068	0.2564	0.4427
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9847	0.0153	0.4961	-0.0076	0.5502
anuran-family		0.9221	0.0389	0.8475	0.8487	0.1817
anuran-genus		0.9638	0.0090	0.9072	0.9405	0.1691
anuran-species		0.9736	0.0053	0.9454	0.9633	0.0669
anxiety		0.1083	0.1981	0.0328	0.0000	0.4693
apple-quality		0.6500	0.3500	0.6509	0.3000	0.8753
aps-failure		0.9747	0.0253	0.5361	0.0654	0.5810
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9923	0.0077	0.7391	0.4762	0.5002
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia		0.7111	0.0578	0.5833	0.5770	0.3203
auction		0.9020	0.0980	0.7385	0.4276	0.4934

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		0.9857	0.0143	0.9825	0.9645	0.1355
autism-child		0.9310	0.0690	0.9310	0.8619	0.3353
autos		0.5500	0.1800	0.2865	0.3571	0.3120
avila		0.4006	0.0999	0.4050	0.2511	0.5762
babies		0.2823	0.2051	0.1661	0.0502	0.5836
balance		0.9032	0.0645	0.8274	0.8306	0.3374
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8272	0.1728	0.8143	0.6283	0.6288
basehock		0.9648	0.0352	0.9650	0.9296	0.1994
bio		0.9963	0.0037	0.8914	0.7821	0.3194
bio10%		0.9959	0.0041	0.9030	0.7980	0.4348
biodeg		0.5048	0.4952	0.6535	0.1600	0.5294
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9855	0.0013	0.0451	-0.0003	0.0772
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9854	0.0027	0.0902	-0.0006	0.1649
body-perf		0.5007	0.2496	0.5009	0.3343	0.5681
brain-tumor		0.5025	0.4975	0.5581	0.0079	0.5596
breast-cancer		0.3214	0.6786	0.5801	0.0292	0.4784
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0667	0.6667	0.7143	0.0602
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae		0.4080	0.3947	0.1932	0.0000	0.3534
car		0.7874	0.1063	0.7213	0.4889	0.2910
car-insurance		0.7520	0.2480	0.7798	0.5110	0.6155
card		0.6232	0.3768	0.6541	0.1180	0.4973
cardiotocography		0.8216	0.0357	0.7479	0.7852	0.2190
cardiotocography-nsp		0.8920	0.0720	0.7936	0.7107	0.3955
cardiovascular		0.5997	0.4003	0.6005	0.1993	0.9244
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5025	0.4696	0.3864
cas_N6512_cdk_ECFP2		0.6928	0.3072	0.7127	0.3987	0.7536
cas_N6512_rdkit_ATOMPAIR		0.6323	0.3677	0.6890	0.2953	0.6667
cas_N6512_RDkit_AtomPair_FP		0.6933	0.3067	0.7172	0.4010	0.7345
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.6123	0.3877	0.6584	0.2551	0.7418
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED		0.7385	0.2615	0.7493	0.4836	0.7239
cas_N6512_RDkit_Layered_FP		0.6426	0.3574	0.6998	0.3146	0.6488
cas_N6512_rdkit_MACCS		0.6667	0.3333	0.7004	0.3538	0.7286
cas_N6512_RDkit_MACCS_FP		0.6304	0.3696	0.6875	0.2917	0.6672
cas_N6512_rdkit_MORGAN		0.7185	0.2815	0.7436	0.4502	0.6882
cas_N6512_RDkit_morgan_FP		0.7101	0.2899	0.7386	0.4351	0.6854

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.6862	0.3138	0.7108	0.3406	0.6334
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.6621	0.3379	0.7107	0.3487	0.6606
cas_N6512_rdkit_TORSION		0.6677	0.3323	0.6831	0.3476	0.8064
ccds1%		0.9615	0.0385	0.6177	0.1165	0.3554
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8031	0.1969	0.7931	0.5826	0.6673
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9642	0.0358	0.7686	0.5333	0.5112
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9380	0.0620	0.6000	0.1916	0.6294
CDS49_AID687_Rdkit-ecfp4-fp		0.9946	0.0054	0.4986	-0.0027	0.4829
census		0.2971	0.7029	0.5802	0.0407	0.2039
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9419	0.0581	0.7728	0.5169	0.5762
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.3349	0.3326	0.3670	0.0773	0.3261
chrom19		0.9995	0.0005	0.8559	0.7103	0.3610
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9991	0.0009	0.7897	0.5785	0.4947
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9277	0.0723	0.6909	0.1332	0.1784
churn		0.7020	0.2980	0.6010	0.1966	0.8049
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.5393	0.0388	0.7547
circles		0.8940	0.0021	0.9087	0.8929	0.0362
cirrhosis		0.8333	0.1111	0.5686	0.6704	0.3026
cjs		0.9893	0.0036	0.9857	0.9869	0.0196
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7519	0.1241	0.5498	0.6245	0.3342
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.6667	0.2222	0.6933	0.4667	0.4938
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.4607	0.1927	0.7513
cnae-9		0.9352	0.0144	0.9371	0.9271	0.0734
codon_usage		0.6961	0.0553	0.5310	0.6306	0.3908
coil20		0.9861	0.0014	0.9866	0.9854	0.0097
college		0.9091	0.0909	0.8981	0.7867	0.4421
collins		0.4800	0.0693	0.4632	0.4353	0.2613
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.4828	0.5172	0.4647	-0.0688	0.9659
colposcopies-2		0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3		0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4		0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c		0.7931	0.2069	0.6919	0.3741	0.7372
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7766	0.6936	0.2502
comedy_comparisons1%		0.4934	0.5066	0.5591	0.0190	0.5948
connect-4		0.9997	0.0002	0.9935	0.9932	0.0011
cottonmeloidogyne		0.7644	0.2356	0.7645	0.5289	0.7266
coupon		0.5481	0.4519	0.6211	0.1682	0.7300
covtype		0.4935	0.1447	0.2488	0.0636	0.3557
covtype10%		0.6079	0.1120	0.4368	0.3686	0.4915

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.8613	0.1387	0.8119	0.5736	0.5658
covtypeT		0.9338	0.0662	0.6698	0.1036	0.2162
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9994	0.0006	0.9016	0.7997	0.2344
creditcard_trans10%		0.9982	0.0018	0.7738	0.5446	0.5153
crowdsourced		0.8857	0.0381	0.7137	0.7608	0.3845
cryotherapy		0.6667	0.3333	0.7065	0.2703	0.4882
cultivars		0.4375	0.0352	0.3716	0.4194	0.1101
customer-churn		0.8974	0.1026	0.6642	0.1959	0.3551
cybersecurity		0.1533	0.2822	0.0443	0.0000	0.4044
cyclopentane		0.5556	0.4444	0.5580	0.1148	0.9535
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.7778	0.2222	0.7778	0.5556	0.7044
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7123	0.2877	0.6447	0.2794	0.7865
defect		0.7778	0.2222	0.7202	0.3995	0.6593
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8832	0.1168	0.5910	0.0231	0.3277
depressed		0.7902	0.2098	0.6368	0.2731	0.7678
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.7500	0.1667	0.5388	0.5152	0.3319
dexter		0.6500	0.3500	0.6508	0.3000	0.8761
df_final		0.7500	0.1667	0.7690	0.6098	0.3265
DIA		0.7500	0.2500	0.6741	0.3478	0.7928
diabetes		0.8846	0.1154	0.8781	0.7562	0.4872
diabetes-risk		0.7626	0.2374	0.7467	0.4487	0.6528
diabetic		0.5424	0.3051	0.3190	0.0429	0.4754
diabetic1%		0.3627	0.4248	0.3877	0.0124	0.3564
diabetic10%		0.5462	0.3026	0.3797	0.1712	0.5447
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.5258	0.1897	0.4561	0.3259	0.5768
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor		0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih		0.6667	0.3333	0.6690	0.3333	0.8453
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9968	0.0032	0.6441	0.2712	0.4966
dorothea		0.9391	0.0609	0.7972	0.5584	0.3855
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.4971	0.5029	0.5604	0.0408	0.6630
dropout		0.7178	0.1881	0.6324	0.5308	0.5469
drug-01		0.4255	0.1641	0.1858	0.1006	0.5279
drug-02		0.5053	0.1413	0.1888	0.1172	0.5774
drug-03		0.6596	0.1135	0.1519	0.0227	0.4248
drug-04		0.5160	0.1383	0.2297	0.1107	0.6083
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4043	0.1702	0.2249	0.2417	0.5586
drug-07		0.4468	0.1844	0.1558	0.0525	0.3836
drug-08		0.5638	0.1246	0.2054	0.1349	0.4238
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5532	0.1277	0.2456	0.1527	0.3701
drug-11		0.8511	0.0426	0.1317	0.0277	0.1222
drug-12		0.7872	0.0709	0.1468	-0.0056	0.3023
drug-13		0.6330	0.1049	0.2346	0.2780	0.3652
drug-14		0.5798	0.1201	0.2533	0.2360	0.4229
drug-15		0.7447	0.0729	0.1235	0.0355	0.2841

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.6064	0.1312	0.3427	0.3379	0.4100
drug-17		0.3564	0.1839	0.1626	0.1042	0.5075
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7553	0.0699	0.1229	-0.0198	0.2767
drybean		0.9295	0.0202	0.9401	0.9145	0.1104
ecoli		0.7941	0.0686	0.8412	0.7197	0.1713
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU		0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2400	0.3800	0.2028	-0.0048	0.5884
eeg		0.2822	0.0897	0.2543	0.1975	0.6018
eeg-eye		0.4673	0.5327	0.4834	-0.0300	0.9712
eeg10%		0.2504	0.0937	0.3447	0.1813	0.6033
eucalyptus		0.2466	0.3014	0.0800	0.0012	0.3970
euthyroid		0.9051	0.0949	0.6695	0.0567	0.2161
exon.vs.intron-freq		0.8936	0.1064	0.8955	0.7876	0.4359
exon.vs.intron-freq10%		0.8233	0.1767	0.8460	0.6519	0.4478
fakenews		0.4850	0.5150	0.4215	-0.0202	0.6756
farm-ads		0.9106	0.0894	0.9102	0.8203	0.4006
fbis-wc		0.8496	0.0177	0.8091	0.8296	0.1194
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7451	0.2549	0.7426	0.4751	0.7349
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.4500	0.1571	0.3976	0.2971	0.4032
fonts10%		0.2330	0.0100	0.0941	0.2004	0.6994
forest		0.9423	0.0288	0.9319	0.9203	0.0754
gas		0.8986	0.0338	0.8903	0.8770	0.1339
gastrointestinal		0.4375	0.3750	0.3825	0.2500	0.3847
gender		0.5389	0.3074	0.3136	-0.0260	0.5357
gene		0.9148	0.0568	0.9033	0.8639	0.2413
german		0.6700	0.3300	0.6662	0.3238	0.8283
gestures		0.3074	0.3463	0.3069	0.0765	0.8245
gina		0.7320	0.2680	0.7755	0.4694	0.5061
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.6190	0.1270	0.6498	0.4633	0.3166
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP		0.7143	0.2857	0.7361	0.4375	0.7044
glassContainers		0.8636	0.1364	0.4634	-0.0645	0.7409
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.8750	0.1250	0.8730	0.7143	0.4644
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.6905	0.3095	0.7489	0.4201	0.5921
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.2667	0.3667	0.1053	0.0000	0.3898
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.5793	0.1045	0.7293
hapt		0.8683	0.0220	0.8186	0.8447	0.0884
har		0.5550	0.1780	0.5421	0.4360	0.5813
har70		0.4452	0.1585	0.4610	0.3603	0.3049
har701%		0.5580	0.1263	0.4396	0.4393	0.1752
har7010%		0.7684	0.0662	0.3945	0.6236	0.1643
harth		0.5690	0.0718	0.2464	0.4318	0.3517
harth1%		0.6507	0.0582	0.2386	0.5104	0.3057

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
harth10%		0.5409	0.0765	0.2190	0.3950	0.2894
hayes-roth		0.3750	0.4167	0.3965	0.0244	0.7361
hcc-survival		0.5294	0.4706	0.4617	-0.0625	0.9644
health-activity		0.7000	0.1500	0.2485	-0.0003	0.4998
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.9032	0.0968	0.9026	0.8034	0.4121
heart-c		0.9000	0.1000	0.9090	0.8018	0.3261
heart-failure		0.7440	0.2560	0.6857	0.3640	0.7849
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%		0.8339	0.1661	0.8340	0.6679	0.5956
hepmass10%		0.8254	0.1746	0.8255	0.6508	0.6137
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.5655	0.4345	0.5728	0.1410	0.9359
higgs1%		0.5529	0.4471	0.5617	0.1182	0.9405
higgs10%		0.5533	0.4467	0.5624	0.1191	0.9385
higher		0.1429	0.2143	0.0556	0.0118	0.3868
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9309	0.0691	0.8824	0.7637	0.4619
hiva		0.9314	0.0686	0.5433	0.0858	0.6018
horse		0.5556	0.2963	0.5847	0.3417	0.6025
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.4831	0.3446	0.4867	0.2229	0.6786
ht-sensor10%		0.4713	0.3525	0.4780	0.1991	0.6985
htru2		0.9788	0.0212	0.9350	0.8696	0.2574
hypothyroid		0.9708	0.0146	0.6774	0.8240	0.2376
hypothyroidT		0.8515	0.1485	0.7756	0.4451	0.5038
ilpd		0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy		0.8889	0.1111	0.8333	0.6087	0.2605
instagram		0.9380	0.0310	0.9406	0.9173	0.1002
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9178	0.0063	0.9198	0.9146	0.0749
jm1		0.7704	0.2296	0.6232	0.2462	0.7969
jvowels		0.9458	0.0120	0.9420	0.9385	0.0860
kc1		0.7773	0.2227	0.5932	0.1860	0.7802
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.5385	0.1846	0.1647	0.1522	0.4293
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.5782	0.1357	0.7892
kdc-4007		0.8603	0.0399	0.8617	0.8370	0.2260
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9966	0.0005	0.8483	0.9942	0.0271
kddcup9910%		0.9920	0.0008	0.5411	0.9865	0.0405
kepler		0.8368	0.1088	0.8054	0.7312	0.1878
kidney		0.6290	0.1484	0.1880	-0.0042	0.4557
kidney-disease		0.6500	0.3500	0.6465	0.0820	0.4796
krkopt		0.2071	0.0881	0.1694	0.1052	0.5797
krvskp		0.9687	0.0313	0.9686	0.9372	0.1880
la1s-wc		0.6254	0.1249	0.5888	0.5376	0.3211
la2s-wc		0.8974	0.0342	0.8816	0.8700	0.1775
labor		0.8333	0.1667	0.8537	0.6667	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
leaf		0.7941	0.0179	0.7519	0.7830	0.0578
led24		0.6000	0.0889	0.6017	0.5467	0.2143
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7475	0.0194	0.7464	0.7373	0.2400
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.7143	0.2857	0.7742	0.4615	0.5000
libra		0.8889	0.0148	0.8999	0.8806	0.0506
linkage		0.9995	0.0005	0.9683	0.9364	0.1987
linkage1%		0.9995	0.0005	0.9651	0.9300	0.2071
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0207
liver		0.5588	0.4412	0.5978	0.1694	0.8239
loan		0.8571	0.1429	0.8460	0.6879	0.5382
localization		0.3315	0.1215	0.1361	0.1066	0.7302
localization10%		0.1650	0.1518	0.0258	0.0000	0.3230
lrs		0.8868	0.0323	0.6557	0.8424	0.0634
lung		1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.7467	0.8969	0.0176
lung-cancer-harvard2		0.8333	0.1667	0.8182	0.5714	0.5283
lung-cancer-michigan		0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.3333	0.6667	0.2500	-0.4211	1.0000
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.4692	0.5308	0.4692	-0.0615	1.0000
magic04		0.6802	0.3198	0.6643	0.3256	0.8400
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8541	0.7056	0.5407
marketing		0.8527	0.1473	0.4602	0.0000	0.2904
maternal		0.6040	0.2640	0.6032	0.3908	0.5676
math		0.6500	0.1750	0.5927	0.4450	0.3380
mba		0.7677	0.1548	0.3284	0.0617	0.3811
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2067	0.3173	0.0685	0.0000	0.4010
messidor		0.6870	0.3130	0.6774	0.3511	0.8357
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9571	0.9227	0.0673
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.9700	0.0060	0.9703	0.9667	0.0355
mfeat-fou		0.8150	0.0370	0.8210	0.7944	0.1614
mfeat-kar		0.9550	0.0090	0.9555	0.9500	0.0568
mfeat-mor		0.7200	0.0560	0.7279	0.6889	0.1856
mfeat-pix		0.9600	0.0080	0.9620	0.9556	0.0450
mfeat-zer		0.8400	0.0320	0.8399	0.8222	0.1142
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.7830	0.1447	0.8177	0.6816	0.3257
mines		0.5294	0.1882	0.4634	0.4106	0.3962
mobile		0.8077	0.0069	0.8185	0.8042	0.0885
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3		0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
musk		0.9242	0.0758	0.8422	0.6644	0.3819
MUT_ci300400a_cdk_ECFP2		0.6559	0.3441	0.7157	0.3576	0.6536

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP4		0.7126	0.2874	0.7416	0.4464	0.6950
MUT_ci300400a_cdk_ECFP6		0.7090	0.2910	0.7348	0.4375	0.7142
MUT_ci300400a_cdk_ESTATE		0.5935	0.4065	0.6554	0.2474	0.7368
MUT_ci300400a_cdk_EXTENDED		0.6763	0.3237	0.7193	0.3864	0.6950
MUT_ci300400a_cdk_FCFP2		0.6719	0.3281	0.6862	0.2438	0.5636
MUT_ci300400a_cdk_FCFP4		0.6655	0.3345	0.7186	0.3718	0.6682
MUT_ci300400a_cdk_FCFP6		0.6199	0.3801	0.6999	0.3024	0.6201
MUT_ci300400a_cdk_MACCS		0.6535	0.3465	0.7027	0.3478	0.7049
MUT_ci300400a_cdk_PUBCHEM		0.7186	0.2814	0.7220	0.3691	0.6179
MUT_ci300400a_cdk_STANDARD		0.6683	0.3317	0.7255	0.3790	0.6441
MUT_ci300400a_rdkit_descriptors		0.6629	0.3371	0.7156	0.3649	0.6696
myocardial		0.8471	0.0382	0.1596	0.1424	0.1210
naticusdroid		0.9601	0.0399	0.9601	0.9202	0.2252
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.5000	0.1667	0.3793	0.4000	0.1784
ncRNA		0.7612	0.0251	0.1941	0.4877	0.9471
ncRNA1%		0.8299	0.0179	0.1981	0.4344	0.3484
ncRNA10%		0.8292	0.0180	0.2221	0.4487	0.4294
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.8309	0.0077	0.8303	0.8255	0.1301
newspop		0.5330	0.4670	0.5325	0.0650	0.9783
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.8030	0.1970	0.7524	0.3951	0.4165
NPHA-doctor-visits		0.4861	0.3426	0.2800	-0.0484	0.6379
nursery		0.8650	0.0675	0.7737	0.7995	0.1529
obesity		0.4028	0.1706	0.4201	0.3056	0.3596
obs		0.8148	0.0926	0.8545	0.7196	0.2278
occupancy		0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation		0.9911	0.0044	0.9694	0.9729	0.0142
oh0-wc		0.8218	0.0356	0.7985	0.7949	0.1729
oh10-wc		0.6857	0.0629	0.6406	0.6401	0.2853
oh15-wc		0.7065	0.0587	0.6932	0.6672	0.2892
oh5-wc		0.8242	0.0352	0.8083	0.8008	0.1516
ohscal-wc		0.7491	0.0502	0.7360	0.7193	0.3345
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9000	0.1000	0.4767	-0.0151	0.5253
opn310k10%		0.9028	0.0972	0.4744	-0.0159	0.5152
opnat310k-hg16-17		0.9023	0.0977	0.4783	-0.0110	0.4763
optdigits		0.9431	0.0114	0.9457	0.9367	0.0792
optdigitsZ		0.9911	0.0089	0.9728	0.9456	0.1683
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9763	0.0237	0.7961	0.4909	0.0773
ozone8hr		0.8854	0.1146	0.6661	0.3223	0.6485
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8247	0.1753	0.8181	0.6287	0.6182
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9708	0.0117	0.9050	0.8227	0.1055
parkinson		0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons		0.6303	0.3697	0.7063	0.3291	0.6427
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.8476	0.1524	0.8040	0.6040	0.6009
particle10%		0.8169	0.1831	0.7951	0.5810	0.6511
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pcmac			0.4536	0.5464	0.4495	-0.1003	1.0000
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8026	0.1974	0.7323	0.4643	0.7220
pediatric-leukemia			0.5588	0.1260	0.5149	0.4592	0.3880
pendigits			0.9490	0.0102	0.9488	0.9433	0.0790
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.5556	0.4444	0.5791	0.1429	0.8628
persistency			0.7201	0.2799	0.7661	0.4719	0.6087
pet-adoption			0.9000	0.1000	0.8881	0.7570	0.3198
phishing			0.9306	0.0694	0.9298	0.8497	0.2273
PhiUSIIL			0.9992	0.0008	0.9991	0.9983	0.0097
PhiUSIIL10%			0.9979	0.0021	0.9978	0.9957	0.0217
phone-acc0.1%			0.1409	0.2455	0.0353	0.0000	0.4031
phone-acc1%			0.5467	0.1295	0.5508	0.4703	0.4437
phone-acc10%			0.1365	0.2467	0.0343	0.0000	0.4038
phone-gyr0.1%			0.1594	0.2402	0.0393	0.0000	0.3999
phone-gyr1%			0.4492	0.1574	0.4792	0.3573	0.4175
phone-gyr10%			0.1592	0.2402	0.0392	0.0000	0.3999
phoneme			0.7389	0.2611	0.6433	0.1231	0.5152
phy			0.6358	0.3642	0.6358	0.2714	0.8942
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.9895	0.0070	0.9818	0.9669	0.0722
placement			0.7790	0.2210	0.7767	0.5518	0.7025
plant-growth			0.5789	0.4211	0.6724	0.1915	0.5232
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4634	0.1193	0.1071	0.0036	0.2967
poker1%			0.0507	0.2712	0.0645	-0.0062	0.3000
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd			0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9224	0.0776	0.5680	0.1340	0.6573
polish-5th			0.9306	0.0694	0.6122	0.1119	0.4175
polya			0.7038	0.2962	0.6662	0.3285	0.8312
popularity			0.5087	0.3275	0.3596	0.0369	0.7553
post-operative			0.7778	0.2222	0.8163	0.5714	0.5000
postures			0.7023	0.1191	0.7263	0.6273	0.3359
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6338	0.2647	0.8906
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.5152	0.0746	0.5170	0.4629	0.2623
processed			0.9800	0.0200	0.9779	0.9549	0.1530
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.7071	0.1172	0.6319	0.6096	0.3834
puc-rio10%			0.7544	0.0983	0.6766	0.6707	0.3304
pufs-1281%			0.5048	0.4952	0.5048	0.0097	0.9973
pufs-12810%			0.5030	0.4970	0.5030	0.0061	0.9983
pufs-64			0.4995	0.5005	0.4995	-0.0010	1.0000
pufs-641%			0.5029	0.4971	0.5029	0.0058	0.9984
pufs-6410%			0.5010	0.4990	0.5010	0.0021	0.9994
pulsar			0.9697	0.0303	0.9052	0.8076	0.2943
raisin			0.9222	0.0778	0.9223	0.8444	0.3630
rcv11%			0.7556	0.0119	0.4251	0.7281	0.2370
re0-wc			0.8800	0.0185	0.9032	0.8441	0.1865
re1-wc			0.7590	0.0193	0.5834	0.7261	0.2139
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
relathe			0.8803	0.1197	0.8930	0.7637	0.3599
reuters21578			0.8904	0.0046	0.5856	0.8500	0.1052
rice			0.9863	0.0137	0.9861	0.9722	0.0959
rnaseq			0.9500	0.0200	0.9367	0.9343	0.0716
rocket			0.5907	0.4093	0.6442	0.2394	0.7750
RT_IOT2022			0.9522	0.0080	0.7683	0.8798	0.0551
satimage			0.8398	0.0534	0.8250	0.8041	0.2157
satimageF			0.9829	0.0171	0.9557	0.9113	0.2122
satimageT			0.7932	0.2068	0.5690	0.1294	0.6806
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9038	0.0962	0.6174	0.2343	0.6598
secondary_mushroom			0.4452	0.5548	0.3081	0.0000	0.5302
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9524	0.0136	0.9572	0.9443	0.0608
segmentation			0.7970	0.2030	0.7795	0.5590	0.6890
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.6473	0.3527	0.6329	0.1379	0.3752
semeion			0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-10-gram			0.7717	0.2283	0.6376	0.2558	0.7007
sens-2-gram			0.6553	0.3447	0.5963	0.1488	0.6248
sens-3-gram			0.8684	0.1316	0.6013	0.1055	0.5237
sens-4-gram			0.7368	0.2632	0.5825	0.1510	0.7071
sens-5-gram			0.7737	0.2263	0.5787	0.1534	0.7413
sens-6-gram			0.8342	0.1658	0.6013	0.1999	0.7492
sens-7-gram			0.8132	0.1868	0.4913	-0.0158	0.7899
sens-8-gram			0.8605	0.1395	0.5807	0.1104	0.6333
sens-9-gram			0.8737	0.1263	0.6323	0.1412	0.4751
sensorless			0.7884	0.0385	0.7911	0.7672	0.1837
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8873	0.1127	0.7967	0.5913	0.6092
shuttle			0.9267	0.0209	0.6896	0.7751	0.4226
sick			0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.8115	0.1885	0.6613	0.2832	0.6845
skin10%			0.8480	0.1520	0.7439	0.4686	0.6208
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2400	0.3800	0.0968	-0.0270	0.4810
smk_can_187			0.5263	0.4737	0.5278	0.0552	0.9801
smoking			0.6315	0.3685	0.5905	0.1794	0.9117
soil_pollution			0.1933	0.3227	0.1221	-0.0009	0.4790
solar-flare			0.6763	0.1079	0.5294	0.5798	0.1729
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.9265	0.0077	0.9484	0.9196	0.0432
spam-detection			0.8880	0.1120	0.7850	0.5263	0.5853
spambase			0.8304	0.1696	0.8270	0.6233	0.4947
spect			0.7037	0.2963	0.5714	0.1429	0.8514
spectf			0.8286	0.1714	0.7887	0.4878	0.3453
spectrometer			0.4808	0.0385	0.3492	0.4503	0.1561
splice-EI			0.9558	0.0442	0.9434	0.8858	0.3029
splice-IE			0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles			0.7500	0.2500	0.7256	0.4484	0.7619
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			0.6452	0.3548	0.3922	0.0000	0.4773

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel_industry			0.6718	0.2188	0.5850	0.4707	0.3948
steel-b			0.8000	0.2000	0.6624	0.0749	0.3544
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9795	0.0205	0.9685	0.9371	0.1800
steel-o			0.6359	0.3641	0.6485	0.2796	0.8276
steel-p			0.9282	0.0718	0.7214	0.4253	0.5579
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9641	0.0359	0.9005	0.8006	0.3957
stock			0.8819	0.1181	0.7826	0.5543	0.5665
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.6560	0.3440	0.6491	0.2962	0.8734
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.2950	0.2820	0.2148	-0.0417	0.5752
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3846	0.2462	0.1176	0.0299	0.3695
student-workday			0.4688	0.2125	0.2654	0.2041	0.2429
studentap			0.3077	0.4615	0.3111	-0.0636	0.7870
susy			0.6661	0.3339	0.6672	0.3329	0.8571
susy1%			0.7406	0.2594	0.7394	0.4786	0.7650
susy10%			0.7706	0.2294	0.7688	0.5325	0.7045
swarm_aligned			0.9996	0.0004	0.9995	0.9990	0.0070
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			0.9988	0.0012	0.9987	0.9973	0.0130
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.7344	0.2656	0.4234	0.0000	0.4146
texture			0.9964	0.0007	0.9964	0.9960	0.0058
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.2766	0.7234	0.5152	0.0111	0.4601
thrombin			0.9895	0.0105	0.8723	0.7447	0.3979
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8646	0.1354	0.8433	0.6728	0.5617
tis10%			0.7463	0.2537	0.6583	0.3165	0.8046
titanic			0.6818	0.3182	0.6324	0.0190	0.4554
tourist			0.7500	0.1000	0.5250	0.6364	0.1042
tox_171			0.8235	0.0882	0.8375	0.7650	0.1709
toxicity			0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.8780	0.0271	0.7781	0.8490	0.0951
trec12-wc			0.7742	0.0565	0.7014	0.7232	0.1428
trec21-wc			0.9394	0.0242	0.7708	0.8738	0.1263
trec23-wc			0.7619	0.0794	0.5540	0.6546	0.2226
trec31-wc			0.9355	0.0215	0.9169	0.9137	0.0806
trec41-wc			0.8636	0.0273	0.7120	0.8318	0.1104
trec45-wc			0.8261	0.0348	0.7701	0.7962	0.1579
tuandromd			0.9753	0.0247	0.9613	0.9225	0.1889
turkish			0.8500	0.0750	0.8563	0.8000	0.2043
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.9154	0.0846	0.9088	0.8176	0.3974
tvnews10%			0.8427	0.1573	0.8439	0.6773	0.5617
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8507	0.0332	0.8752	0.8254	0.1139
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7262	0.1369	0.7000	0.6344	0.2336

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.6768	0.0588	0.7044	0.6444	0.1664
vowelZ			0.9495	0.0505	0.8905	0.7556	0.4786
vrnormat310k-hg16-17			0.8645	0.1355	0.7168	0.4035	0.6282
wap-wc			0.8205	0.0179	0.6265	0.7991	0.1184
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1553	0.2414	0.0384	0.0000	0.4001
watch-acc1%			0.1553	0.2413	0.0384	0.0000	0.4000
watch-acc10%			0.5030	0.1420	0.5030	0.4161	0.5168
watch-gyr			0.1309	0.2483	0.0331	0.0000	0.4050
watch-gyr1%			0.1307	0.2484	0.0330	0.0000	0.4050
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8320	0.1120	0.8341	0.7482	0.3450
weather-related			0.8923	0.0196	0.9049	0.8783	0.0945
web-phishing			0.8148	0.1235	0.6614	0.6596	0.4652
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.1745	0.3302	0.0594	0.0000	0.4014
white-clover			0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9648	0.0352	0.7756	0.4986	0.3319
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5849	0.1384	0.2710	0.3189	0.3978
winequality-white			0.4294	0.1902	0.2304	0.1557	0.4763
winnipeg			0.9866	0.0038	0.9807	0.9831	0.0413
winnipeg10%			0.9693	0.0088	0.9491	0.9612	0.0946
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.5000	0.1111	0.3725	0.3535	0.3583
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.9194	0.0161	0.9114	0.9096	0.1214

Table 228: Detailed results for SRAMSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.0000	0.0833	0.0000	0.0000	0.3248
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2333	0.0769	0.0000	0.3345
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.8548	0.0968	0.5907	0.7278	0.2511
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.9048	0.0952	0.9047	0.8037	0.4148
biomed		0.3810	0.6190	0.2759	0.0000	0.5189
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.2727	0.2424	0.0714	0.0000	0.3750
bridges		0.1000	0.2571	0.0260	0.0000	0.3259
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.5749	0.1429	0.9116
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8103	0.0948	0.3969	0.5843	0.2575
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.8696	0.1304	0.8657	0.7285	0.5029
cardiotocography		0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp		0.1361	0.5759	0.0799	0.0000	0.2637
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.7250	0.1833	0.6631	0.5344	0.3937
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9884	0.0116	0.9446	0.8828	0.3522
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7579	0.2421	0.7511	0.4992	0.7379
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.7857	0.1429	0.5337	0.5685	0.3575
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.9500	0.0500	0.9461	0.8864	0.1761
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5170	0.3220	0.5019	0.2189	0.6866
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5172	0.4828	0.4658	-0.0684	0.9797
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.6774	0.3226	0.4038	0.0000	0.4574
column-3c		0.1935	0.5376	0.1081	0.0000	0.4148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.4952	0.5048	0.3312	0.0000	0.5289
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.7037	0.2963	0.7303	0.3344	0.4688
darwin		0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.3750	0.4167	0.3158	0.0244	0.6574
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.7500	0.1667	0.7616	0.6098	0.2841
DIA		0.7500	0.2500	0.6153	0.2105	0.7950
diabetes		0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.8667	0.0667	0.6913	0.8112	0.1135
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.3228	0.4515	0.1627	0.0000	0.3888
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.1277	0.2492	0.0323	0.0000	0.3211
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.1223	0.2508	0.0311	0.0000	0.3189

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2181	0.2234	0.0512	0.0000	0.3777
drug-07		0.3617	0.2128	0.0885	0.0000	0.2699
drug-08		0.5479	0.1292	0.1022	0.0077	0.3116
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5372	0.1322	0.1485	0.1211	0.3721
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1596	0.1142	0.0000	0.2921
drug-17		0.1064	0.2553	0.0275	0.0000	0.3792
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.4412	0.1397	0.0765	0.0000	0.2765
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.0102	0.1237	0.0013	0.0000	0.3919
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0163	0.1157	0.0019	0.0000	0.3803
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8824	0.1176	0.8902	0.7568	0.3261
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8125	0.0625	0.6236	0.7513	0.0899
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9423	0.0288	0.9319	0.9203	0.0754
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.2524	0.4984	0.1343	0.0000	0.4017
german		0.7200	0.2800	0.6750	0.2802	0.6783
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.3810	0.2063	0.0920	0.0000	0.3180
glass-g2		0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.2667	0.1176	0.2832
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.3039	0.2258	0.4213
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.3750	0.4167	0.3965	0.0244	0.7361
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.0714	0.2321	0.0250	-0.1304	0.4721
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.4334	0.2685	0.5960
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7288	0.2712	0.6560	0.0817	0.4230
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.8000	0.1333	0.7722	0.6939	0.2545
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.0000	0.0833	0.0000	0.0000	0.1928
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6724	0.3440	0.7669
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.9000	0.1000	0.8977	0.7746	0.2781
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.2647	0.0639	0.1666	0.2266	0.2187
led24		0.5000	0.1000	0.3468	0.4350	0.2189
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.5833	0.0556	0.5415	0.5534	0.1552
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7353	0.2647	0.7051	0.4093	0.7890
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8491	0.0431	0.5338	0.7878	0.1034
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.0714	0.4643	0.0333	0.0000	0.2997
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.4149	0.5851	0.2932	0.0000	0.5268
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.8646	0.1354	0.8643	0.7285	0.5266
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.6238	0.2508	0.6283	0.4168	0.5517
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.7217	0.2783	0.7220	0.4416	0.7856
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.9226	0.8475	0.1019
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot		0.1389	0.2153	0.0305	0.0000	0.4014
milk		0.2358	0.5094	0.1272	0.0000	0.4229
mines		0.1765	0.3294	0.0600	0.0000	0.4046
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		0.7143	0.1905	0.2778	0.0000	0.2774
new-thyroidT		0.1429	0.8571	0.1250	0.0000	0.3113
new3s-wc		0.0095	0.0450	0.0004	0.0000	0.4165
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9956	0.0044	0.9917	0.9833	0.0224
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.6759	0.1620	0.6943	0.4960	0.4238
occupancy		0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation		0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.0526	0.2105	0.0111	0.0000	0.3790
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
optdigits			0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ			0.0890	0.9110	0.0817	0.0000	0.2153
orl			0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P			0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer			0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP			0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9031	0.0388	0.1898	0.0000	0.0975
parkinson			0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons			0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small			0.8421	0.1579	0.8114	0.6175	0.6233
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.2808	0.7192	0.2192	0.0000	0.4675
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			0.8000	0.2000	0.4444	0.0000	0.3522
pd			0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.1028	0.1794	0.0186	0.0000	0.4062
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7167	0.2833	0.4175	0.0000	0.4290
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.5263	0.4737	0.3448	0.0000	0.5239
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.0000	0.6667	0.0000	0.0000	0.3386
postures			0.2083	0.3167	0.0690	0.0000	0.4007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6847	0.3529	0.8074
prestige			0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor			0.1818	0.0744	0.0140	0.0000	0.3153
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0060	0.0795	0.0005	0.0000	0.3636
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.2271	0.2576	0.0617	0.0000	0.3819
satimageF			0.8911	0.1089	0.4712	0.0000	0.2371
satimageT			0.1011	0.8989	0.0918	0.0000	0.2389
scadi			0.4286	0.1633	0.0857	0.0000	0.2912
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.1472	0.2437	0.0367	0.0000	0.4017
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.5000	0.5000	0.3333	0.0000	0.5283
skin			0.7923	0.2077	0.4421	0.0000	0.3603

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.3957	0.6043	0.2835	0.0000	0.5229
spect			0.7778	0.2222	0.6786	0.3571	0.7720
spectf			0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE			0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles			0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.4000	0.4000	0.1905	0.0000	0.2619
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9744	0.0256	0.9611	0.9221	0.2232
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.0821	0.9179	0.0758	0.0000	0.2013
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9590	0.0410	0.8893	0.7772	0.4339
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.3348	0.4435	0.1672	0.0000	0.4165
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.4000	0.2400	0.1586	0.0541	0.3722
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6154	0.2564	0.6420	0.3868	0.4512
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.1250	0.2917	0.0370	0.0000	0.3260
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.8000	0.1000	0.7960	0.7333	0.2330
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.7500	0.1250	0.7137	0.6632	0.2458
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.0909	0.1653	0.0152	0.0000	0.4085
vowelZ			1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8074	0.1284	0.5561	0.6378	0.3246
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.0000	0.5000	0.0000	0.0000	0.2620
wifi-loc			0.9200	0.0400	0.9208	0.8933	0.1344
wilt			0.0497	0.9503	0.0473	0.0000	0.1299
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5723	0.1426	0.2096	0.2736	0.3251
winequality-white			0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 229: Detailed results for SSVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1711	0.0789	0.1347	0.0928	0.6245
abalone19		0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9787	0.0213	0.6314	0.2507	0.5509
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8889	0.0741	0.5209	0.1439	0.1376
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
aids		0.8451	0.1549	0.7742	0.5348	0.6057
air_pollution		0.1000	0.2571	0.0529	0.0048	0.4581
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9374	0.0313	0.8892	0.8818	0.1138
anuran-genus		0.9096	0.0226	0.8322	0.8491	0.0914
anuran-species		0.9000	0.0200	0.8854	0.8528	0.0855
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.7325	0.2675	0.7333	0.4650	0.7718
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%		0.6773	0.3227	0.4636	-0.0066	0.0729
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.5556	0.0684	0.0549	0.0000	0.2376
auction		0.9314	0.0686	0.8287	0.6157	0.3034
audiology		0.5455	0.0826	0.4506	0.4472	0.2327
audit-risk		0.9615	0.0385	0.9598	0.9193	0.2145
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.2000	0.2667	0.0606	-0.0631	0.5246
avila		0.8275	0.0287	0.8257	0.7700	0.2247
babies		0.3790	0.1774	0.1180	-0.0119	0.3262
balance		0.8871	0.0753	0.7040	0.7978	0.3516
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		0.6400	0.3600	0.6061	0.1509	0.7624
barleyblumeria		0.6452	0.3548	0.6289	0.0243	0.4787

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9970	0.0030	0.9069	0.8003	0.0973
bio10%		0.9966	0.0034	0.9069	0.8131	0.3595
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		0.9048	0.0952	0.9114	0.8073	0.3522
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5343	0.2328	0.5038	0.3791	0.4330
brain-tumor		0.4980	0.5020	0.4977	-0.0046	0.9958
breast-cancer		0.6429	0.3571	0.3913	-0.1290	0.9033
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.2000	0.2286	0.1099	0.1111	0.3002
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9667	0.0333	0.9606	0.9180	0.1262
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6437	0.1782	0.3038	0.2372	0.3762
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.6522	0.3478	0.6583	0.2031	0.6282
cardiotocography		0.6667	0.0667	0.6438	0.5798	0.2648
cardiotocography-nsp		0.8732	0.0845	0.7317	0.5618	0.1790
cardiovascular		0.6550	0.3450	0.6553	0.3099	0.8731
cargo2k		0.4086	0.3942	0.5260	0.0946	0.4000
cars		0.7250	0.1833	0.6421	0.4989	0.4739
cas_N6512_cdk_ECFP2		0.4624	0.5376	0.5308	0.0022	0.5547
cas_N6512_rdkit_ATOMPAIR		0.4677	0.5323	0.5982	0.0106	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4632	0.5368	0.5949	0.0026	0.5307
cas_N6512_rdkit_AVALON		0.4624	0.5376	0.5948	0.0026	0.5307
cas_N6512_RDkit_Avalon_FP		0.4632	0.5368	0.5949	0.0026	0.5307
cas_N6512_rdkit_descriptors		0.6385	0.3615	0.6580	0.2368	0.7024
cas_N6512_rdkit_FEATMORGAN		0.5284	0.4716	0.4300	-0.0199	0.6799
cas_N6512_RDkit_Featmorgan_FP		0.5322	0.4678	0.4630	-0.0102	0.6562
cas_N6512_RDkit_FP		0.5475	0.4525	0.5801	0.0224	0.5664
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.4899	-0.0009	0.5729
cas_N6512_RDkit_Layered_FP		0.4647	0.5353	0.5317	0.0044	0.5726
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4631	0.5369	0.5949	0.0026	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.5530	0.4470	0.6193	0.0356	0.5191
cas_N6512_rdkit_TORSION		0.4492	0.5508	0.3791	-0.0256	0.6738
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3575	0.6425	0.5779	0.0057	0.5094
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9587	0.0413	0.6642	0.1994	0.3356
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6405	0.1038	0.2709
CDS49_AID687_Rdkit-ecfp4-fp		0.9927	0.0073	0.4982	-0.0032	0.4017
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9884	0.0116	0.9307	0.8512	0.0446

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2755	0.3623	0.1895	0.0018	0.3586
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9992	0.0008	0.7839	0.5621	0.4216
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.8053	0.1947	0.5325	0.0003	0.0035
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8020	0.1980	0.6119	0.1393	0.6202
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.5714	0.2857	0.2424	0.0000	0.3038
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.3028	0.3486	0.1919	0.0255	0.5164
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5034	0.3311	0.4652	0.2065	0.7260
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.7713	0.0416	0.5884	0.7176	0.2809
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.7792	0.2208	0.7113	0.2550	0.3853
collins		0.0600	0.1253	0.0075	0.0000	0.3924
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c		0.7931	0.2069	0.6969	0.2018	0.3671
column-2c		0.8387	0.1613	0.8092	0.5995	0.5508
column-3c		0.7742	0.1505	0.7347	0.6353	0.3862
comedy_comparisons1%		0.5189	0.4811	0.5253	0.0044	0.5859
connect-4		0.0086	0.6609	0.0124	-0.0022	0.0986
cottonmeloidogyne		0.5264	0.4736	0.5886	0.0610	0.6276
coupon		0.4345	0.5655	0.5246	0.0033	0.5703
covtype		0.3570	0.1837	0.0809	-0.0148	0.2743
covtype10%		0.3583	0.1833	0.0816	-0.0123	0.2710
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9995	0.0005	0.9239	0.8442	0.1659
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.7871	0.0710	0.5301	0.4188	0.1608
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.4062	0.0297	0.2904	0.3896	0.0837
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.6296	0.3704	0.6207	0.2105	0.8344
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0347	0.0026	0.4750
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8040	0.1960	0.6615	0.2201	0.5670
defect		0.8796	0.1204	0.7449	0.3728	0.3479

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dementia		0.5500	0.4500	0.5528	0.0741	0.8391
deposit		0.8921	0.1079	0.6635	0.2430	0.5146
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.2432	0.2523	0.1566	0.0766	0.4174
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.3846	0.6154	0.4526	-0.0452	0.8105
diabetic		0.4184	0.3877	0.3349	0.0397	0.5238
diabetic1%		0.3529	0.4314	0.1739	0.0000	0.3564
diabetic10%		0.3487	0.4342	0.1724	0.0000	0.3584
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.3993	0.2403	0.1141	-0.0003	0.3322
dishonest		0.4062	0.5938	0.4355	-0.1095	0.9082
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%		0.2856	0.7144	0.5335	0.0011	0.0140
dna1%		0.2788	0.7212	0.5113	0.0003	0.0152
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4722	0.5278	0.4866	-0.0020	0.5994
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.3826	0.6174	0.5077	0.0034	0.6336
dropout		0.4966	0.3356	0.3504	0.0081	0.4509
drug-01		0.3777	0.1778	0.1085	-0.0128	0.4810
drug-02		0.5319	0.1337	0.2419	0.0627	0.3499
drug-03		0.6915	0.0881	0.1583	0.0191	0.2372
drug-04		0.5319	0.1337	0.1833	0.0198	0.3615
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3617	0.1824	0.2087	0.1701	0.4958
drug-07		0.4415	0.1596	0.1810	0.0469	0.3616
drug-08		0.5638	0.1246	0.1963	0.0568	0.3099
drug-09		0.8564	0.0410	0.1318	-0.0134	0.2970
drug-10		0.5426	0.1307	0.1505	0.0376	0.3521
drug-11		0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12		0.7872	0.0608	0.1262	0.0121	0.2662
drug-13		0.5798	0.1201	0.1972	0.0395	0.3771
drug-14		0.5691	0.1231	0.1277	0.0377	0.3032
drug-15		0.7606	0.0684	0.1238	0.0162	0.1808
drug-16		0.5426	0.1307	0.2193	0.0693	0.2768
drug-17		0.3723	0.1793	0.2118	0.0962	0.4269
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7606	0.0684	0.1238	0.0032	0.2636
drybean		0.9251	0.0214	0.9359	0.9094	0.1264
ecoli		0.8235	0.0441	0.5209	0.7515	0.1319
ecoliCP-IM		0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0388	0.1202	0.1830	0.0201	0.4130
eeg-eye		0.9179	0.0821	0.9170	0.8341	0.3804
eeg10%		0.0423	0.1197	0.1523	0.0212	0.4448
eucalyptus		0.4110	0.2356	0.4212	0.1899	0.4219
euthyroid		0.9684	0.0316	0.9051	0.8043	0.2574

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
farm-ads		0.6981	0.3019	0.7383	0.3678	0.5107
fbis-wc		0.0406	0.1129	0.0265	0.0035	0.3823
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7451	0.2549	0.7414	0.4792	0.7518
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.2069	0.0104	0.0684	0.1913	0.3382
forest		0.5192	0.2404	0.4909	0.3347	0.3561
gas		0.9792	0.0069	0.9770	0.9747	0.0455
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6063	0.2625	0.4581	0.1609	0.5495
gene		0.6025	0.2650	0.5966	0.2258	0.3393
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2483	0.3759	0.0995	-0.0011	0.4124
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8095	0.0635	0.8561	0.7383	0.1866
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.8478	0.6441	0.5283
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.4000	0.0833	0.0000	0.3270
glioma-grade		0.5833	0.4167	0.3684	0.0000	0.5068
green		0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage		0.2667	0.3667	0.1053	-0.0927	0.5231
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018
haberman		0.8000	0.2000	0.7266	0.4444	0.7074
hapt		0.9369	0.0105	0.8288	0.9256	0.1369
har		0.6228	0.1509	0.6475	0.5065	0.4304
har701%		0.9168	0.0238	0.5973	0.8775	0.2486
har7010%		0.7019	0.0852	0.3438	0.5360	0.2828
harth1%		0.5625	0.0729	0.2514	0.4189	0.1995
harth10%		0.5630	0.0728	0.2420	0.4192	0.2032
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.6667	0.3333	0.6496	0.2334	0.7293
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure		0.8440	0.1560	0.8166	0.6328	0.6064
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%		0.8367	0.1633	0.8367	0.6733	0.5903
hepmass10%		0.8356	0.1644	0.8356	0.6711	0.5926
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.5309	0.4691	0.3468	0.0000	0.5229
higgs1%		0.6402	0.3598	0.6372	0.2675	0.8770
higgs10%		0.6414	0.3586	0.6388	0.2717	0.8780
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.5625	0.4375	0.6316	0.0705	0.5185

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.3333	0.4444	0.3897	0.0314	0.3812
hotel-reservartions		0.6585	0.3415	0.4379	-0.0225	0.6665
ht-sensor		0.5389	0.3074	0.5654	0.3096	0.6378
ht-sensor10%		0.5318	0.3122	0.5582	0.2992	0.6434
htru2		0.9777	0.0223	0.9301	0.8580	0.2226
hypothyroid		0.9072	0.0464	0.2378	-0.0043	0.1729
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.6069	0.1995	0.8360
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.9333	0.0333	0.9338	0.9111	0.1398
ionosphere		0.9143	0.0857	0.9146	0.8148	0.3671
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.3000	0.7000	0.2308	-0.4856	1.0000
isolet		0.8626	0.0106	0.8807	0.8571	0.1111
jm1		0.8108	0.1892	0.6230	0.1944	0.6809
jvowels		0.9799	0.0045	0.9794	0.9772	0.0293
kc1		0.8483	0.1517	0.6284	0.1834	0.6003
kc1-class-level-defectiveornot		0.6000	0.4000	0.3750	0.0000	0.5000
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.7118	0.4235	0.7319
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.2310	0.1183	0.0818	0.0413	0.1944
kddcup9910%		0.1910	0.0852	0.0175	0.0051	0.2003
kepler		0.8525	0.0983	0.8019	0.7572	0.2320
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.8036	0.0218	0.8222	0.7806	0.2066
krvskp		0.5016	0.4984	0.4859	-0.0236	0.9575
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.7059	0.0256	0.6597	0.6906	0.0813
led24		0.0500	0.1900	0.0095	0.0000	0.3959
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.3865	0.0472	0.5020	0.3625	0.2964
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.3889	0.0815	0.4265	0.3492	0.2561
linkage1%		0.0000	1.0000	0.0000	-0.0073	0.0348
linkage10%		0.0000	1.0000	0.0000	-0.0073	0.0347
liver		0.7353	0.2647	0.7218	0.4354	0.7621
loan		0.9204	0.0796	0.9148	0.8292	0.3758
lrs		0.3962	0.1208	0.0568	0.0000	0.2643
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.0714	0.4643	0.0357	-0.0400	0.3503
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.8685	0.1315	0.8544	0.7083	0.5334
mammography		0.4792	0.5208	0.6026	0.0184	0.5305
maternal		0.7624	0.1584	0.7667	0.6377	0.4601
mba		0.1613	0.5591	0.3599	0.0059	0.1902
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.5391	0.4609	0.5172	0.0333	0.9758
meter-A		0.7500	0.2500	0.7333	0.4667	0.7630
meter-B		0.8889	0.0741	0.8730	0.8235	0.1114
meter-C		0.9444	0.0278	0.9330	0.9241	0.0699
meter-D		0.8333	0.0833	0.8366	0.7682	0.1492
mfeat-fac		0.1300	0.1740	0.2072	0.0333	0.3966
mfeat-fou		0.1150	0.1770	0.1487	0.0167	0.4019
mfeat-kar		0.1250	0.1750	0.1782	0.0278	0.3983
mfeat-mor		0.7100	0.0580	0.7142	0.6778	0.1896
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.2300	0.1540	0.3368	0.1444	0.3569
mice-prot		0.3056	0.1736	0.4147	0.1947	0.3433
milk		0.7925	0.1384	0.7937	0.6879	0.3963
mines		0.6471	0.1412	0.6578	0.5584	0.2869
mobile		0.1014	0.0321	0.1487	0.0854	0.3860
monks-1		0.9818	0.0182	0.9821	0.9636	0.1051
monks-2		0.9508	0.0492	0.9452	0.8898	0.2625
monks-3		0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4440	0.5560	0.4117	-0.0803	0.8722
music		0.1922	0.1469	0.3534	0.1111	0.4012
musk		0.8939	0.1061	0.7748	0.4360	0.2410
MUT_ci300400a_cdk_ECFP2		0.4185	0.5815	0.5044	0.0004	0.5597
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.4776	-0.0021	0.5720
MUT_ci300400a_cdk_ECFP6		0.4168	0.5832	0.4280	-0.0031	0.5597
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.6439	0.3561	0.6658	0.1683	0.5278
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.5264	0.0224	0.7475
MUT_ci300400a_cdk_FCFP4		0.5743	0.4257	0.4887	-0.0062	0.7153
MUT_ci300400a_cdk_FCFP6		0.5779	0.4221	0.4882	-0.0039	0.6489
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.5844	0.4156	0.5569	0.0043	0.5305
MUT_ci300400a_cdk_STANDARD		0.6551	0.3449	0.6768	0.1970	0.5232
MUT_ci300400a_rdkit_descriptors		0.7707	0.2293	0.7920	0.5533	0.6214
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.5039	0.4961	0.6039	0.0102	0.5281
NCI60		0.3333	0.2222	0.2500	0.2000	0.3026
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.8559	0.0152	0.1785	0.5041	0.1588
ncRNA10%		0.8621	0.0145	0.2041	0.5398	0.1393
neo		0.9029	0.0971	0.6243	0.0059	0.2299
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6481	0.3519	0.6454	0.2902	0.8823
NHANES_age_prediction		0.9515	0.0485	0.9048	0.7979	0.2301
NPHA-doctor-visits		0.5139	0.3241	0.3779	0.0922	0.7207
nursery		0.0000	0.5000	0.0000	-0.2999	0.3301
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.9815	0.0093	0.9868	0.9724	0.0319
occupancy		0.9903	0.0097	0.9865	0.9728	0.1085
Occupancy_Estimation		0.9714	0.0143	0.9197	0.9138	0.0821

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.9123	0.0195	0.9075	0.8891	0.0542
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.1121	0.1776	0.1880	0.0233	0.4008
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9634	0.0146	0.6342	0.7918	0.1827
parkinson		0.8583	0.1417	0.8757	0.7218	0.4077
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.8421	0.1579	0.7920	0.4956	0.3261
particle		0.8996	0.1004	0.8729	0.7441	0.4631
particle10%		0.8762	0.1238	0.8416	0.6792	0.5229
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.9718	0.0056	0.9745	0.9686	0.0363
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.7778	0.2222	0.7568	0.4000	0.4011
personalities		0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.5959	0.4041	0.5356	0.0598	0.9074
phone-acc0.1%		0.1440	0.2446	0.0640	0.0031	0.4692
phone-acc1%		0.1422	0.2451	0.0627	0.0009	0.4752
phone-gyr0.1%		0.1457	0.2441	0.0681	0.0009	0.4065
phone-gyr1%		0.1459	0.2440	0.0643	0.0008	0.4144
phoneme		0.8852	0.1148	0.8592	0.7184	0.5215
pima		0.7368	0.2632	0.7191	0.4081	0.7142
pirvision		0.9869	0.0087	0.9774	0.9588	0.0885
placement		0.7930	0.2070	0.7881	0.5761	0.6830
plant-growth		0.5263	0.4737	0.3448	0.0000	0.5239
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.4997	0.1112	0.0740	0.0000	0.1799
poker1%		0.4995	0.1430	0.0952	0.0000	0.2009
poker10%		0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st		0.9602	0.0398	0.5995	0.1144	0.4253
polish-2nd		0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd		0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th		0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th		0.9357	0.0643	0.6670	0.1920	0.3490
polya		0.6486	0.3514	0.6105	0.0248	0.5011
popularity		0.6580	0.2280	0.4086	0.2032	0.4851
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
postures		0.7558	0.0977	0.7733	0.6943	0.3149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
pred-tox_mutagen_ref-desc		0.6765	0.3235	0.6793	0.3529	0.8356
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.1818	0.1259	0.0271	0.0273	0.3594
processed		0.6499	0.3501	0.4865	-0.0146	0.8197
profb		0.3284	0.6716	0.2472	0.0000	0.4975
promoters		0.4000	0.6000	0.2857	0.0000	0.5239
prostate		0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE		0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio		0.7483	0.1007	0.6703	0.6507	0.3093
puc-rio10%		0.7320	0.1072	0.6513	0.6276	0.3281
pufs-1281%		0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%		0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-641%		0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%		0.5019	0.4981	0.5019	0.0038	0.9989
pulsar		0.9785	0.0215	0.9329	0.8592	0.1352
raisin		0.9222	0.0778	0.9232	0.8444	0.3519
rcv11%		0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc		0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc		0.0181	0.0786	0.0014	0.0000	0.3595
rejafada		0.0352	0.9648	0.0340	0.0000	0.0946
relathe		0.5423	0.4577	0.3516	0.0000	0.5201
rice		0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq		0.3750	0.2500	0.1091	0.0000	0.3593
rocket		0.4412	0.5588	0.5078	0.0094	0.8204
RT_IOT2022		0.0418	0.1597	0.1014	0.0087	0.1680
satimage		0.8802	0.0399	0.8751	0.8529	0.1806
satimageF		0.9316	0.0684	0.8015	0.5129	0.1759
satimageT		0.9533	0.0467	0.8593	0.6826	0.1965
scadi		0.4286	0.2286	0.1200	0.0000	0.3480
schiller		0.7778	0.2222	0.4375	0.0000	0.3750
schizo		0.4706	0.5294	0.4627	-0.0588	0.9565
sclerosis		1.0000	0.0000	1.0000	1.0000	0.0000
secom		0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom		0.5795	0.4205	0.5703	0.0743	0.7373
seeds		0.9524	0.0317	0.9553	0.9286	0.0868
segment		0.9394	0.0173	0.9445	0.9292	0.0815
segmentation		0.6436	0.3564	0.3916	0.0000	0.4782
segmentO		0.9957	0.0043	0.9916	0.9830	0.0885
seismic		0.9302	0.0698	0.4819	-0.0074	0.3980
semeion		0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram		0.8605	0.1395	0.5188	0.0127	0.5424
sens-10-gram		0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram		0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram		0.8711	0.1289	0.6601	0.0342	0.2664
sensorless		0.2622	0.1341	0.3036	0.1885	0.3915
sepsis		0.9093	0.0907	0.4763	0.0000	0.2087
shoppers		0.8459	0.1541	0.4583	0.0000	0.2991
shuttle		0.8471	0.0437	0.4584	0.4099	0.2031
sick		0.9549	0.0451	0.7842	0.5199	0.3443
sirtuin6		1.0000	0.0000	1.0000	1.0000	0.0000
skin		0.9240	0.0760	0.8876	0.7745	0.4528
skin10%		0.9992	0.0008	0.9988	0.9975	0.0129

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smarket			0.8880	0.1120	0.8879	0.7759	0.4659
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.7468	0.2532	0.7358	0.4694	0.7588
soil_pollution			0.1767	0.3293	0.1003	-0.0297	0.5576
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.0294	0.1022	0.0709	0.0149	0.3803
spam-detection			0.9415	0.0585	0.8026	0.5886	0.4446
spambase			0.8130	0.1870	0.8147	0.5770	0.4527
spect			0.4815	0.5185	0.3852	-0.2115	0.8519
spectf			0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer			0.1154	0.0655	0.0077	0.0000	0.3891
splice-EI			0.7918	0.2082	0.7081	0.2408	0.3706
splice-IE			0.8107	0.1893	0.7202	0.2763	0.3508
sport-articles			0.6400	0.3600	0.6310	0.0338	0.4822
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.2000	0.5333	0.1111	-0.4286	0.5000
steel_industry			0.4920	0.3387	0.3043	0.0201	0.5789
steel-b			0.8205	0.1795	0.6816	0.3038	0.6208
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9744	0.0256	0.9604	0.9175	0.0949
steel-o			0.7744	0.2256	0.7425	0.4465	0.6420
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9692	0.0308	0.7646	0.3900	0.0945
steel-z			0.9385	0.0615	0.7981	0.5428	0.3249
stock			0.9167	0.0833	0.8521	0.7004	0.4623
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8000	0.2000	0.7977	0.5953	0.6669
stress			0.8889	0.0444	0.8915	0.8612	0.1001
student-lifestyle			0.6200	0.1520	0.3493	0.3567	0.3883
student-depression			0.4387	0.5613	0.3981	-0.1987	1.0000
student-habits			0.1300	0.3480	0.0460	0.0000	0.3573
student-weekend			0.1385	0.3446	0.0486	0.0000	0.3801
student-workday			0.0156	0.3937	0.0063	-0.0010	0.3206
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.7916	0.2084	0.7924	0.5733	0.6465
susy10%			0.7878	0.2122	0.7890	0.5651	0.6495
tae			0.4667	0.3556	0.5344	0.2000	0.5887
telco-churn			0.2642	0.7358	0.2090	-0.0028	0.4726
texture			0.9327	0.0122	0.9480	0.9258	0.0650
theorem			0.9083	0.0917	0.9106	0.8055	0.2755
thoracic			0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7632	0.2368	0.7054	0.2400	0.4011
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.1810	0.8190	0.2444	-0.3006	0.8122
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.1818	0.8182	0.2129	-0.3824	0.9270
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.5938	0.1860	0.8482
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7152	0.2848	0.4702	-0.0547	0.8755
turkish			0.3000	0.3500	0.3921	0.0667	0.3906
tvnews1%			0.6385	0.3615	0.5754	0.0366	0.5919
ur3_cobotops_grip			0.9741	0.0259	0.7596	0.5003	0.4452
ur3_cobotops_stop			0.9687	0.0313	0.7223	0.3966	0.4197
urban			0.2090	0.1758	0.1274	0.0193	0.3667
ustilago			0.2754	0.7246	0.4939	-0.0006	0.0520
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.5714	0.2143	0.6001	0.4410	0.3639
vehicleVAN			0.9286	0.0714	0.9041	0.7895	0.2027
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.7907	0.2093	0.8218	0.5852	0.4416
vowel			0.3636	0.1157	0.5176	0.3000	0.3141
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9155	0.0845	0.6617	0.1795	0.3782
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.1406	0.2455	0.0673	0.0120	0.4733
watch-acc10%			0.1400	0.2457	0.0655	0.0112	0.4726
watch-gyr1%			0.1388	0.2461	0.0618	0.0042	0.4616
watch-gyr10%			0.1367	0.2466	0.0600	0.0018	0.4637
water_pollution			0.2433	0.3783	0.2674	-0.0009	0.5825
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.1942	0.1465	0.0302	0.0021	0.3757
web-phishing			0.8741	0.0840	0.8249	0.7740	0.3726
Weekly			0.8704	0.1296	0.8709	0.7331	0.4704
white-clover			0.0000	0.5000	0.0000	0.0000	0.2620
wifi-loc			1.0000	0.0000	1.0000	1.0000	0.0000
wilt			0.9917	0.0083	0.9582	0.9156	0.2543
wine			0.7647	0.1569	0.5773	0.5037	0.2360
winequality-red			0.7421	0.0860	0.3704	0.5766	0.2873
winequality-white			0.6687	0.0947	0.4111	0.4802	0.3643
winnipeg			0.9864	0.0039	0.9838	0.9828	0.0373
winnipeg10%			0.9840	0.0046	0.9841	0.9798	0.0350
wisc_bc			0.6316	0.3684	0.3871	0.0000	0.4848
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5270	0.0946	0.3858	0.3736	0.3960
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053
zip			0.8957	0.0209	0.8966	0.8832	0.1358

Table 230: Detailed results for SSVM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1711	0.0789	0.1347	0.0928	0.6245
abalone19		0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9787	0.0213	0.6314	0.2507	0.5509
accident		0.7000	0.3000	0.7041	0.4000	0.7994
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8889	0.0741	0.5209	0.1439	0.1376
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
aids		0.8451	0.1549	0.7742	0.5348	0.6057
air_pollution		0.1000	0.2571	0.0529	0.0048	0.4581
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9374	0.0313	0.8892	0.8818	0.1138
anuran-genus		0.9096	0.0226	0.8322	0.8491	0.0914
anuran-species		0.9000	0.0200	0.8854	0.8528	0.0855
anxiety		0.1333	0.1926	0.0831	0.0226	0.6020
apple-quality		0.7325	0.2675	0.7333	0.4650	0.7718
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.6773	0.3227	0.4636	-0.0066	0.0729
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.5556	0.0684	0.0549	0.0000	0.2376
auction		0.9314	0.0686	0.8287	0.6157	0.3034
audiology		0.5455	0.0826	0.4506	0.4472	0.2327
audit-risk		0.9615	0.0385	0.9598	0.9193	0.2145
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.2000	0.2667	0.0606	-0.0631	0.5246
avila		0.8275	0.0287	0.8257	0.7700	0.2247
babies		0.4274	0.1636	0.1390	0.0916	0.4678
balance		0.8871	0.0753	0.7040	0.7978	0.3516
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		0.6400	0.3600	0.6061	0.1509	0.7624

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
barleyblumeria		0.6452	0.3548	0.6289	0.0243	0.4787
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9970	0.0030	0.9069	0.8003	0.0973
bio10%		0.9966	0.0034	0.9069	0.8131	0.3595
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		0.9048	0.0952	0.9114	0.8073	0.3522
bitcoin1%		0.9849	0.0043	0.1418	-0.0012	0.1539
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6261	0.1869	0.6250	0.5015	0.5066
brain-tumor		0.4980	0.5020	0.4977	-0.0046	0.9958
breast-cancer		0.6429	0.3571	0.3913	-0.1290	0.9033
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.2000	0.2286	0.1099	0.1111	0.3002
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.9667	0.0333	0.9606	0.9180	0.1262
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
car		0.6437	0.1782	0.3038	0.2372	0.3762
card		0.6522	0.3478	0.6583	0.2031	0.6282
cardiotocography		0.6667	0.0667	0.6438	0.5798	0.2648
cardiotocography-nsp		0.8732	0.0845	0.7317	0.5618	0.1790
cardiovascular		0.6550	0.3450	0.6553	0.3099	0.8731
cargo2k		0.4086	0.3942	0.5260	0.0946	0.4000
cars		0.7250	0.1833	0.6421	0.4989	0.4739
cas_N6512_cdk_ECFP2		0.4624	0.5376	0.5308	0.0022	0.5547
cas_N6512_rdkit_ATOMPAIR		0.4677	0.5323	0.5982	0.0106	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4632	0.5368	0.5949	0.0026	0.5307
cas_N6512_rdkit_AVALON		0.4624	0.5376	0.5948	0.0026	0.5307
cas_N6512_RDkit_Avalon_FP		0.4632	0.5368	0.5949	0.0026	0.5307
cas_N6512_rdkit_descriptors		0.6385	0.3615	0.6580	0.2368	0.7024
cas_N6512_rdkit_FEATMORGAN		0.5284	0.4716	0.4300	-0.0199	0.6799
cas_N6512_RDkit_Featmorgan_FP		0.5322	0.4678	0.4630	-0.0102	0.6562
cas_N6512_RDkit_FP		0.5475	0.4525	0.5801	0.0224	0.5664
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.4899	-0.0009	0.5729
cas_N6512_RDkit_Layered_FP		0.4647	0.5353	0.5317	0.0044	0.5726
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4631	0.5369	0.5949	0.0026	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.5530	0.4470	0.6193	0.0356	0.5191
cas_N6512_rdkit_TORSION		0.4492	0.5508	0.3791	-0.0256	0.6738
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3575	0.6425	0.5779	0.0057	0.5094
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9587	0.0413	0.6642	0.1994	0.3356
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6405	0.1038	0.2709
CDS49_AID687_Rdkit-ecfp4-fp		0.9927	0.0073	0.4982	-0.0032	0.4017
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9884	0.0116	0.9307	0.8512	0.0446

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2755	0.3623	0.1895	0.0018	0.3586
chrom191%		0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%		0.9992	0.0008	0.7839	0.5621	0.4216
chrom21		0.8055	0.1945	0.5325	0.0003	0.0028
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.8053	0.1947	0.5325	0.0003	0.0035
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8020	0.1980	0.6119	0.1393	0.6202
churn-bigml		0.7491	0.2509	0.4916	-0.0167	0.8028
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.5714	0.2857	0.2424	0.0000	0.3038
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.3028	0.3486	0.1919	0.0255	0.5164
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5034	0.3311	0.4652	0.2065	0.7260
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.8849	0.0209	0.7299	0.8601	0.2124
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.7792	0.2208	0.7113	0.2550	0.3853
collins		0.0600	0.1253	0.0075	0.0000	0.3924
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c		0.7931	0.2069	0.6969	0.2018	0.3671
column-2c		0.8387	0.1613	0.8092	0.5995	0.5508
column-3c		0.7742	0.1505	0.7347	0.6353	0.3862
comedy_comparisons1%		0.5189	0.4811	0.5253	0.0044	0.5859
comedy_comparisons10%		0.4827	0.5173	0.3256	0.0000	0.5300
connect-4		0.0086	0.6609	0.0124	-0.0022	0.0986
cottonmeloidogyne		0.5264	0.4736	0.5886	0.0610	0.6276
coupon		0.4345	0.5655	0.5246	0.0033	0.5703
covtype		0.3570	0.1837	0.0809	-0.0148	0.2743
covtype10%		0.3583	0.1833	0.0816	-0.0123	0.2710
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9995	0.0005	0.9239	0.8442	0.1659
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.7871	0.0710	0.5301	0.4188	0.1608
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.4062	0.0297	0.2904	0.3896	0.0837
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1800	0.2733	0.1453	0.0165	0.7006
cyclopentane		0.6296	0.3704	0.6207	0.2105	0.8344
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0347	0.0026	0.4750
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
default		0.8040	0.1960	0.6615	0.2201	0.5670
defect		0.8796	0.1204	0.7449	0.3728	0.3479
dementia		0.5500	0.4500	0.5528	0.0741	0.8391
deposit		0.8921	0.1079	0.6635	0.2430	0.5146
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.2432	0.2523	0.1566	0.0766	0.4174
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.3846	0.6154	0.4526	-0.0452	0.8105
diabetic		0.4184	0.3877	0.3349	0.0397	0.5238
diabetic1%		0.3529	0.4314	0.1739	0.0000	0.3564
diabetic10%		0.3487	0.4342	0.1724	0.0000	0.3584
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
dishonest		0.4062	0.5938	0.4355	-0.1095	0.9082
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%		0.2856	0.7144	0.5335	0.0011	0.0140
dna1%		0.2788	0.7212	0.5113	0.0003	0.0152
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4722	0.5278	0.4866	-0.0020	0.5994
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
drebin		0.3826	0.6174	0.5077	0.0034	0.6336
dropout		0.4966	0.3356	0.3504	0.0081	0.4509
drug-01		0.3777	0.1778	0.1085	-0.0128	0.4810
drug-02		0.5319	0.1337	0.2419	0.0627	0.3499
drug-03		0.6915	0.0881	0.1583	0.0191	0.2372
drug-04		0.5319	0.1337	0.1833	0.0198	0.3615
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.3617	0.1824	0.2087	0.1701	0.4958
drug-07		0.4415	0.1596	0.1810	0.0469	0.3616
drug-08		0.5638	0.1246	0.1963	0.0568	0.3099
drug-09		0.8564	0.0410	0.1318	-0.0134	0.2970
drug-10		0.5426	0.1307	0.1505	0.0376	0.3521
drug-11		0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12		0.7872	0.0608	0.1262	0.0121	0.2662
drug-13		0.5798	0.1201	0.1972	0.0395	0.3771
drug-14		0.5691	0.1231	0.1277	0.0377	0.3032
drug-15		0.7606	0.0684	0.1238	0.0162	0.1808
drug-16		0.5426	0.1307	0.2193	0.0693	0.2768
drug-17		0.3723	0.1793	0.2118	0.0962	0.4269
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7606	0.0684	0.1238	0.0032	0.2636
drybean		0.9251	0.0214	0.9359	0.9094	0.1264
ecoli		0.8235	0.0441	0.5209	0.7515	0.1319
ecoliCP-IM		0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2100	0.3950	0.2079	-0.0557	0.8510
eeg		0.4175	0.0728	0.4573	0.3536	0.6185
eeg-eye		0.9179	0.0821	0.9170	0.8341	0.3804
eeg10%		0.3858	0.0768	0.3989	0.3183	0.5898
eucalyptus		0.4110	0.2356	0.4212	0.1899	0.4219

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
euthyroid		0.9684	0.0316	0.9051	0.8043	0.2574
farm-ads		0.6981	0.3019	0.7383	0.3678	0.5107
fbis-wc		0.0406	0.1129	0.0265	0.0035	0.3823
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7451	0.2549	0.7414	0.4792	0.7518
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.5192	0.2404	0.4909	0.3347	0.3561
gas		0.9935	0.0022	0.9937	0.9921	0.0172
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6063	0.2625	0.4581	0.1609	0.5495
gene		0.6025	0.2650	0.5966	0.2258	0.3393
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.3245	0.3378	0.3233	0.0993	0.8147
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8095	0.0635	0.8561	0.7383	0.1866
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.8478	0.6441	0.5283
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.4000	0.0833	0.0000	0.3270
glioma-grade		0.5833	0.4167	0.3684	0.0000	0.5068
green		0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage		0.2667	0.3667	0.1053	-0.0927	0.5231
gsalc		0.1111	0.2963	0.0333	0.0000	0.4018
haberman		0.8000	0.2000	0.7266	0.4444	0.7074
hapt		0.9661	0.0056	0.8607	0.9600	0.0521
har		0.7880	0.0848	0.7777	0.7304	0.3461
har701%		0.9168	0.0238	0.5973	0.8775	0.2486
har7010%		0.7709	0.0654	0.4145	0.6280	0.1712
harth1%		0.6757	0.0540	0.2630	0.5386	0.2294
harth10%		0.6745	0.0543	0.2625	0.5363	0.2362
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.6667	0.3333	0.6496	0.2334	0.7293
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure		0.8440	0.1560	0.8166	0.6328	0.6064
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%		0.8367	0.1633	0.8367	0.6733	0.5903
hepmass10%		0.8356	0.1644	0.8356	0.6711	0.5926
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.5309	0.4691	0.3468	0.0000	0.5229
higgs1%		0.6402	0.3598	0.6372	0.2675	0.8770
higgs10%		0.6414	0.3586	0.6388	0.2717	0.8780
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.5625	0.4375	0.6316	0.0705	0.5185

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.3333	0.4444	0.3897	0.0314	0.3812
ht-sensor		0.5985	0.2676	0.6019	0.3955	0.6315
ht-sensor10%		0.5875	0.2750	0.5909	0.3792	0.6427
htru2		0.9777	0.0223	0.9301	0.8580	0.2226
hypothyroid		0.9072	0.0464	0.2378	-0.0043	0.1729
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.6069	0.1995	0.8360
immuno-therapy		0.6667	0.3333	0.4000	-0.1739	0.9159
instagram		0.9507	0.0247	0.9512	0.9342	0.0974
ionosphere		0.9143	0.0857	0.9146	0.8148	0.3671
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.3000	0.7000	0.2308	-0.4856	1.0000
jm1		0.8108	0.1892	0.6230	0.1944	0.6809
jvowels		0.9799	0.0045	0.9794	0.9772	0.0293
kc1		0.8483	0.1517	0.6284	0.1834	0.6003
kc1-class-level-defectiveornot		0.6000	0.4000	0.3750	0.0000	0.5000
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.7118	0.4235	0.7319
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kepler		0.8682	0.0879	0.8223	0.7824	0.2164
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.8036	0.0218	0.8222	0.7806	0.2066
krvskp		0.5016	0.4984	0.4859	-0.0236	0.9575
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.7059	0.0256	0.6597	0.6906	0.0813
led24		0.0500	0.1900	0.0095	0.0000	0.3959
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.8445	0.0120	0.8442	0.8382	0.1610
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.3889	0.0815	0.4265	0.3492	0.2561
linkage1%		0.0000	1.0000	0.0000	-0.0073	0.0348
linkage10%		0.0000	1.0000	0.0000	-0.0073	0.0347
liver		0.7353	0.2647	0.7218	0.4354	0.7621
loan		0.9204	0.0796	0.9148	0.8292	0.3758
lrs		0.3962	0.1208	0.0568	0.0000	0.2643
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.0714	0.4643	0.0357	-0.0400	0.3503
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.8685	0.1315	0.8544	0.7083	0.5334
mammography		0.4792	0.5208	0.6026	0.0184	0.5305

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
maternal		0.7624	0.1584	0.7667	0.6377	0.4601
math		0.1000	0.4500	0.0455	0.0000	0.3804
mba		0.1613	0.5591	0.3599	0.0059	0.1902
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1833	0.3267	0.1629	-0.0232	0.7904
messidor		0.5391	0.4609	0.5172	0.0333	0.9758
meter-A		0.7500	0.2500	0.7333	0.4667	0.7630
meter-B		0.8889	0.0741	0.8730	0.8235	0.1114
meter-C		0.9444	0.0278	0.9330	0.9241	0.0699
meter-D		0.8333	0.0833	0.8366	0.7682	0.1492
mfeat-fac		0.1300	0.1740	0.2072	0.0333	0.3966
mfeat-fou		0.1150	0.1770	0.1487	0.0167	0.4019
mfeat-kar		0.1250	0.1750	0.1782	0.0278	0.3983
mfeat-mor		0.7100	0.0580	0.7142	0.6778	0.1896
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.2300	0.1540	0.3368	0.1444	0.3569
mice-prot		0.3056	0.1736	0.4147	0.1947	0.3433
milk		0.8868	0.0755	0.8896	0.8292	0.2642
mines		0.6471	0.1412	0.6578	0.5584	0.2869
mobile		0.1014	0.0321	0.1487	0.0854	0.3860
monks-1		0.9818	0.0182	0.9821	0.9636	0.1051
monks-2		0.9508	0.0492	0.9452	0.8898	0.2625
monks-3		0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.4440	0.5560	0.4117	-0.0803	0.8722
music		0.4878	0.0931	0.4916	0.3759	0.5153
musk		0.8939	0.1061	0.7748	0.4360	0.2410
MUT_ci300400a_cdk_ECFP2		0.4185	0.5815	0.5044	0.0004	0.5597
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.4776	-0.0021	0.5720
MUT_ci300400a_cdk_ECFP6		0.4168	0.5832	0.4280	-0.0031	0.5597
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.6439	0.3561	0.6658	0.1683	0.5278
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.5264	0.0224	0.7475
MUT_ci300400a_cdk_FCFP4		0.5743	0.4257	0.4887	-0.0062	0.7153
MUT_ci300400a_cdk_FCFP6		0.5779	0.4221	0.4882	-0.0039	0.6489
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.5844	0.4156	0.5569	0.0043	0.5305
MUT_ci300400a_cdk_STANDARD		0.6551	0.3449	0.6768	0.1970	0.5232
MUT_ci300400a_rdkit_descriptors		0.7707	0.2293	0.7920	0.5533	0.6214
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.5039	0.4961	0.6039	0.0102	0.5281
NCI60		0.3333	0.2222	0.2500	0.2000	0.3026
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.8809	0.0125	0.2547	0.6182	0.1575
ncRNA10%		0.8830	0.0123	0.2967	0.6338	0.1929
neo		0.9029	0.0971	0.6243	0.0059	0.2299
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6481	0.3519	0.6454	0.2902	0.8823
NHANES_age_prediction		0.9515	0.0485	0.9048	0.7979	0.2301
NPHA-doctor-visits		0.5139	0.3241	0.3779	0.0922	0.7207
nursery		0.0000	0.5000	0.0000	-0.2999	0.3301
obesity		0.1374	0.2464	0.0345	0.0000	0.4038
obs		0.9815	0.0093	0.9868	0.9724	0.0319
occupancy		0.9903	0.0097	0.9865	0.9728	0.1085
Occupancy_Estimation		0.9714	0.0143	0.9197	0.9138	0.0821
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
olive		0.9123	0.0195	0.9075	0.8891	0.0542
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.1121	0.1776	0.1880	0.0233	0.4008
optdigitsZ		0.9110	0.0890	0.4767	0.0000	0.2060
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants		0.5130	0.4870	0.4770	-0.0017	0.0367
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9634	0.0146	0.6342	0.7918	0.1827
parkinson		0.8583	0.1417	0.8757	0.7218	0.4077
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small		0.8421	0.1579	0.7920	0.4956	0.3261
particle		0.8996	0.1004	0.8729	0.7441	0.4631
particle10%		0.8762	0.1238	0.8416	0.6792	0.5229
pasture		0.2500	0.5000	0.1333	0.0000	0.4055
pc1		0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac		0.4175	0.5825	0.2945	0.0000	0.5272
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia		0.0588	0.2689	0.0159	0.0000	0.3987
pendigits		0.9718	0.0056	0.9745	0.9686	0.0363
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.7778	0.2222	0.7568	0.4000	0.4011
personalities		0.0620	0.1172	0.0080	-0.0007	0.4345
pet-adoption		0.6700	0.3300	0.4012	0.0000	0.4623
phishing		0.5959	0.4041	0.5356	0.0598	0.9074
phone-acc0.1%		0.1440	0.2446	0.0640	0.0031	0.4692
phone-acc1%		0.1422	0.2451	0.0627	0.0009	0.4752
phone-gyr0.1%		0.1457	0.2441	0.0681	0.0009	0.4065
phone-gyr1%		0.1459	0.2440	0.0643	0.0008	0.4144
phoneme		0.8852	0.1148	0.8592	0.7184	0.5215
pima		0.7368	0.2632	0.7191	0.4081	0.7142
pirvision		0.9902	0.0065	0.9834	0.9693	0.0811
placement		0.7930	0.2070	0.7881	0.5761	0.6830
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.2630	0.1638	0.1094	-0.0049	0.4591
poker1%		0.3239	0.1932	0.1421	0.0161	0.5680
poker10%		0.2868	0.1783	0.1257	-0.0037	0.5195
polish-1st		0.9602	0.0398	0.5995	0.1144	0.4253
polish-2nd		0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd		0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th		0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th		0.9357	0.0643	0.6670	0.1920	0.3490
polya		0.6486	0.3514	0.6105	0.0248	0.5011
popularity		0.6595	0.2270	0.4072	0.1878	0.4836
post-operative		0.6667	0.3333	0.4000	0.0000	0.4644
postures		0.8458	0.0617	0.8462	0.8072	0.2500
pred-tox_mutagen_ref-desc		0.6765	0.3235	0.6793	0.3529	0.8356
prestige		0.8889	0.0741	0.8889	0.8302	0.1290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
primary-tumor			0.1818	0.1259	0.0271	0.0273	0.3594
processed			0.6499	0.3501	0.4865	-0.0146	0.8197
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.4000	0.6000	0.2857	0.0000	0.5239
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio			0.8442	0.0623	0.7988	0.7902	0.2433
puc-rio10%			0.8503	0.0599	0.7981	0.7988	0.2413
pufs-1281%			0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%			0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%			0.5019	0.4981	0.5019	0.0038	0.9989
pulsar			0.9785	0.0215	0.9329	0.8592	0.1352
raisin			0.9222	0.0778	0.9232	0.8444	0.3519
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.4412	0.5588	0.5078	0.0094	0.8204
satimage			0.8802	0.0399	0.8751	0.8529	0.1806
satimageF			0.9316	0.0684	0.8015	0.5129	0.1759
satimageT			0.9533	0.0467	0.8593	0.6826	0.1965
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.4706	0.5294	0.4627	-0.0588	0.9565
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5795	0.4205	0.5703	0.0743	0.7373
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9394	0.0173	0.9445	0.9292	0.0815
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.8605	0.1395	0.5188	0.0127	0.5424
sens-10-gram			0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sensorless			0.9113	0.0161	0.9113	0.9024	0.0932
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.9707	0.0084	0.8439	0.9149	0.1572
sick			0.9549	0.0451	0.7842	0.5199	0.3443
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9240	0.0760	0.8876	0.7745	0.4528
skin10%			0.9992	0.0008	0.9988	0.9975	0.0129
smarket			0.8880	0.1120	0.8879	0.7759	0.4659
smart-farming			0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
smoking			0.7468	0.2532	0.7358	0.4694	0.7588
soil_pollution			0.1767	0.3293	0.1003	-0.0297	0.5576
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.0294	0.1022	0.0709	0.0149	0.3803
spam-detection			0.9415	0.0585	0.8026	0.5886	0.4446
spambase			0.8130	0.1870	0.8147	0.5770	0.4527
spect			0.4815	0.5185	0.3852	-0.2115	0.8519
spectf			0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer			0.1154	0.0655	0.0077	0.0000	0.3891
splice-EI			0.7918	0.2082	0.7081	0.2408	0.3706
splice-IE			0.8107	0.1893	0.7202	0.2763	0.3508
sport-articles			0.6400	0.3600	0.6310	0.0338	0.4822
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.2000	0.5333	0.1111	-0.4286	0.5000
startup			0.3548	0.6452	0.2619	0.0000	0.5097
steel_industry			0.4920	0.3387	0.3043	0.0201	0.5789
steel-b			0.8205	0.1795	0.6816	0.3038	0.6208
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9744	0.0256	0.9604	0.9175	0.0949
steel-o			0.7744	0.2256	0.7425	0.4465	0.6420
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9692	0.0308	0.7646	0.3900	0.0945
steel-z			0.9385	0.0615	0.7981	0.5428	0.3249
stock			0.9167	0.0833	0.8521	0.7004	0.4623
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8000	0.2000	0.7977	0.5953	0.6669
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6500	0.1400	0.3655	0.4218	0.3968
student-depression			0.4387	0.5613	0.3981	-0.1987	1.0000
student-habits			0.1300	0.3480	0.0460	0.0000	0.3573
student-weekend			0.1385	0.3446	0.0486	0.0000	0.3801
student-workday			0.0156	0.3937	0.0063	-0.0010	0.3206
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.7916	0.2084	0.7924	0.5733	0.6465
susy10%			0.7878	0.2122	0.7890	0.5651	0.6495
tae			0.4667	0.3556	0.5344	0.2000	0.5887
telco-churn			0.2514	0.7486	0.2009	-0.0287	0.5598
texture			0.9327	0.0122	0.9480	0.9258	0.0650
theorem			0.9083	0.0917	0.9106	0.8055	0.2755
thoracic			0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7632	0.2368	0.7054	0.2400	0.4011
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.1810	0.8190	0.2444	-0.3006	0.8122
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.1818	0.8182	0.2129	-0.3824	0.9270
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7059	0.2941	0.6540	0.2735	0.7752
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7200	0.2800	0.5938	0.1860	0.8482
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7152	0.2848	0.4702	-0.0547	0.8755
turkish			0.3000	0.3500	0.3921	0.0667	0.3906
tvnews1%			0.6385	0.3615	0.5754	0.0366	0.5919
ur3_cobotops_grip			0.9741	0.0259	0.7596	0.5003	0.4452
ur3_cobotops_stop			0.9687	0.0313	0.7223	0.3966	0.4197
urban			0.2090	0.1758	0.1274	0.0193	0.3667
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.2754	0.7246	0.4939	-0.0006	0.0520
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.5714	0.2143	0.6001	0.4410	0.3639
vehicleVAN			0.9286	0.0714	0.9041	0.7895	0.2027
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.7907	0.2093	0.8218	0.5852	0.4416
vowel			0.3636	0.1157	0.5176	0.3000	0.3141
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9155	0.0845	0.6617	0.1795	0.3782
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.1406	0.2455	0.0673	0.0120	0.4733
watch-acc10%			0.1400	0.2457	0.0655	0.0112	0.4726
watch-gyr1%			0.1388	0.2461	0.0618	0.0042	0.4616
watch-gyr10%			0.1367	0.2466	0.0600	0.0018	0.4637
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.1942	0.1465	0.0302	0.0021	0.3757
web-phishing			0.8741	0.0840	0.8249	0.7740	0.3726
Weekly			0.8704	0.1296	0.8709	0.7331	0.4704
white-clover			0.0000	0.5000	0.0000	0.0000	0.2620
wifi-loc			1.0000	0.0000	1.0000	1.0000	0.0000
wilt			0.9917	0.0083	0.9582	0.9156	0.2543
wine			0.7647	0.1569	0.5773	0.5037	0.2360
winequality-red			0.7421	0.0860	0.3704	0.5766	0.2873
winequality-white			0.6687	0.0947	0.4111	0.4802	0.3643
winnipeg			0.9939	0.0017	0.9927	0.9923	0.0188
winnipeg10%			0.9905	0.0027	0.9924	0.9880	0.0206
wisc_bc			0.6316	0.3684	0.3871	0.0000	0.4848
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5270	0.0946	0.3858	0.3736	0.3960
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053
zip			0.9495	0.0101	0.9466	0.9433	0.0797

Table 231: Detailed results for STree

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1823	0.0564	0.0726	0.1040	0.4055
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9695	0.0305	0.9349	0.8609	0.1018
adult		0.8430	0.1570	0.7652	0.5168	0.6182
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6000	0.4000	0.3750	-0.1765	0.9528
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8826	0.1174	0.8324	0.6371	0.4254
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
airline		0.9247	0.0753	0.9233	0.8463	0.3554
alcohol		0.7905	0.0838	0.5211	0.5011	0.2818
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8558	0.1442	0.8403	0.6798	0.5623
anneal		0.9775	0.0090	0.9714	0.9510	0.0249
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family		0.9708	0.0146	0.9399	0.9439	0.0725
anuran-genus		0.9805	0.0049	0.9477	0.9679	0.1057
anuran-species		0.9847	0.0031	0.9721	0.9788	0.0492
anxiety		0.1167	0.1963	0.1081	0.0063	0.8005
apple-quality		0.8825	0.1175	0.8842	0.7650	0.4639
aps-failure		0.9913	0.0087	0.8632	0.7137	0.2605
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9935	0.0065	0.7360	0.3508	0.1755
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.6889	0.0479	0.3681	0.4845	0.2827
auction		0.9069	0.0931	0.7615	0.3913	0.2180

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audiology		0.7826	0.0181	0.3870	0.7522	0.0396
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8500	0.0500	0.7147	0.8020	0.1349
avila		0.7374	0.0438	0.6998	0.6370	0.2689
babies		0.5000	0.1429	0.1637	0.2018	0.3577
balance		0.9194	0.0538	0.8213	0.8536	0.2491
bank		0.9048	0.0952	0.7361	0.4645	0.6006
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8925	0.7771	0.3881
basehock		0.9598	0.0402	0.9599	0.9196	0.2246
bio		0.9970	0.0029	0.9092	0.8057	0.0968
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8762	0.1238	0.8682	0.7362	0.5083
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0010	0.0342	0.0000	0.0117
body-perf		0.6396	0.1802	0.6458	0.5194	0.4807
bookings		0.9899	0.0068	0.7599	0.9785	0.0738
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co		0.6364	0.3636	0.6553	0.2903	0.8322
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.6364	0.1212	0.5664	0.5556	0.1898
bridges		0.7000	0.0857	0.5429	0.5714	0.1672
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9310	0.0345	0.9195	0.8502	0.2086
car-insurance		0.8330	0.1670	0.8038	0.6072	0.6320
card		0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography		0.8263	0.0347	0.7944	0.7910	0.2002
cardiotocography-nsp		0.9061	0.0626	0.8272	0.7326	0.2766
cardiovascular		0.7193	0.2807	0.7238	0.4386	0.7711
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8000	0.1333	0.7153	0.6209	0.4593
cas_N6512_cdk_ECFP2		0.7680	0.2320	0.7662	0.5322	0.7219
cas_N6512_rdkit_ATOMPAIR		0.7354	0.2646	0.7332	0.4661	0.7730
cas_N6512_RDkit_AtomPair_FP		0.7531	0.2469	0.7513	0.5026	0.7464
cas_N6512_rdkit_AVALON		0.7803	0.2197	0.7792	0.5583	0.7012
cas_N6512_RDkit_Avalon_FP		0.7623	0.2377	0.7624	0.5239	0.7286
cas_N6512_rdkit_descriptors		0.7569	0.2431	0.7557	0.5114	0.7401
cas_N6512_rdkit_FEATMORGAN		0.7327	0.2673	0.7308	0.4616	0.7774
cas_N6512_RDkit_Featmorgan_FP		0.7699	0.2301	0.7686	0.5372	0.7191
cas_N6512_RDkit_FP		0.7469	0.2531	0.7456	0.4912	0.7558
cas_N6512_rdkit_LAYERED		0.7723	0.2277	0.7726	0.5441	0.7116
cas_N6512_RDkit_Layered_FP		0.7561	0.2439	0.7542	0.5081	0.7411
cas_N6512_rdkit_MACCS		0.7819	0.2181	0.7815	0.5555	0.6767
cas_N6512_RDkit_MACCS_FP		0.7592	0.2408	0.7576	0.5152	0.7367
cas_N6512_rdkit_MORGAN		0.7754	0.2246	0.7735	0.5455	0.7059
cas_N6512_RDkit_morgan_FP		0.7776	0.2224	0.7761	0.5523	0.7060

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.8031	0.1969	0.8016	0.6031	0.6594
cas_N6512_RDkit_pattern_FP		0.7837	0.2163	0.7822	0.5644	0.6952
cas_N6512_rdkit_RDKITFP		0.7619	0.2381	0.7604	0.5208	0.7323
cas_N6512_rdkit_TORSION		0.7369	0.2631	0.7370	0.4731	0.7680
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8458	0.1028	0.4077	0.1167	0.2934
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8187	0.1813	0.7995	0.5986	0.6481
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9485	0.0515	0.7125	0.3715	0.4524
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9262	0.0369	0.8936	0.8899	0.1658
chrom19		0.9995	0.0005	0.8613	0.7120	0.2580
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.8198	0.6337	0.4984
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8130	0.1870	0.6476	0.2134	0.6086
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6737	0.3263	0.6480	0.2953	0.8647
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.5180	0.5070	0.3634
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8185	0.0907	0.6766	0.7150	0.3870
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.7500	0.1667	0.8028	0.6000	0.3320
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.4657	0.1916	0.7542
cnae-9		0.9167	0.0185	0.9254	0.9062	0.0803
codon_usage		0.8964	0.0188	0.7522	0.8739	0.1550
coil20		0.9931	0.0007	0.9933	0.9927	0.0048
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		0.6800	0.0427	0.5888	0.6466	0.1563
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5862	0.4138	0.4577	-0.0675	0.9445
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.7931	0.2069	0.7894	0.5515	0.6011
colposcopies-4		0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8874	0.7726	0.4294
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.5435	0.4565	0.5419	0.0836	0.9728
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7668	0.2332	0.7669	0.5337	0.7225
coupon		0.6814	0.3186	0.6719	0.3424	0.8470
covtype10%		0.7339	0.0760	0.6101	0.5626	0.3482
covtypeCD		0.9801	0.0199	0.9571	0.9136	0.1789
covtypeT		0.9743	0.0257	0.8943	0.7832	0.2825

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9078	0.0307	0.8211	0.8073	0.2411
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.5938	0.0203	0.4463	0.5815	0.0612
customer-churn		0.9802	0.0198	0.6514	0.1634	0.2807
cybersecurity		0.1733	0.2756	0.1715	0.0063	0.8825
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.7593	0.2407	0.7527	0.5049	0.7398
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8160	0.1840	0.6913	0.3384	0.6473
defect		0.8765	0.1235	0.7350	0.4367	0.5660
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8969	0.1031	0.7061	0.3890	0.5963
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.3750	0.4167	0.1818	-0.3333	0.5619
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
df_final		0.6250	0.2500	0.4798	0.4000	0.3890
DIA		0.7667	0.2333	0.6384	0.2432	0.7461
diabetes		0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k		0.9580	0.0420	0.8496	0.6744	0.2858
diabetes-risk		0.8622	0.1378	0.7678	0.5090	0.5585
diabetic1%		0.5686	0.2876	0.4284	0.1228	0.5764
diabetic10%		0.5295	0.3137	0.3512	0.0755	0.6792
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7340	0.1064	0.7209	0.6202	0.3538
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5833	0.4167	0.5845	0.1667	0.9267
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9130	0.0870	0.6741	0.2552	0.4630
dota2		0.5991	0.4009	0.5959	0.1903	0.9276
dota210%		0.5631	0.4369	0.5594	0.1180	0.9579
drebin		0.9794	0.0206	0.9779	0.9557	0.1406
dropout		0.7607	0.1595	0.6469	0.5845	0.4020
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4255	0.1641	0.1661	0.2507	0.3577
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5585	0.1261	0.1822	0.1225	0.4788
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6223	0.1079	0.1758	0.2393	0.3249
drug-14		0.5691	0.1231	0.2052	0.2074	0.5272
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5372	0.1322	0.2191	0.0831	0.3434

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-17		0.3457	0.1869	0.1248	0.0787	0.4431
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9258	0.0212	0.9382	0.9103	0.1220
ecoli		0.7941	0.0515	0.4334	0.7098	0.1313
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3200	0.3400	0.3294	0.0950	0.7940
eeg		0.4495	0.0688	0.4840	0.3888	0.6079
eeg-eye		0.8031	0.1969	0.8004	0.6002	0.6591
eeg10%		0.3096	0.0863	0.2710	0.2309	0.6590
eucalyptus		0.6301	0.1479	0.5939	0.5255	0.4282
euthyroid		0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq10%		0.9392	0.0608	0.9391	0.8781	0.3070
fakenews		0.5050	0.4950	0.5046	0.0092	0.9966
farm-ads		0.9058	0.0942	0.9056	0.8100	0.4077
fbis-wc		0.8130	0.0220	0.7418	0.7860	0.1596
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9608	0.0392	0.9604	0.9208	0.2238
financial-risk		0.8415	0.0528	0.6472	0.7476	0.2388
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.6000	0.1000	0.2812	0.4631	0.2326
forest		0.9231	0.0385	0.9071	0.8932	0.0993
gas		0.9935	0.0022	0.9934	0.9922	0.0178
gastrointestinal		0.5625	0.2917	0.5841	0.3373	0.5568
gender		0.6084	0.2611	0.4857	0.1614	0.5521
gene		0.9085	0.0610	0.8947	0.8545	0.2301
german		0.7700	0.2300	0.7372	0.4390	0.6592
gestures		0.6892	0.1554	0.6973	0.5859	0.4146
gina		0.8991	0.1009	0.8993	0.7980	0.4309
gisette		0.9743	0.0257	0.9743	0.9486	0.1615
glass		0.6667	0.1111	0.8089	0.5599	0.2893
glass-g2		0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4000	0.3000	0.4328	0.1667	0.5305
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9634	0.0061	0.8483	0.9567	0.0368
har		0.9016	0.0393	0.8971	0.8756	0.1706
har701%		0.8633	0.0391	0.5114	0.7997	0.1536
har7010%		0.7897	0.0601	0.4567	0.6627	0.1551
harth1%		0.8420	0.0263	0.4875	0.7839	0.2471
hayes-roth		0.5625	0.2917	0.5831	0.3600	0.5258
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-attack		0.8387	0.1613	0.8409	0.6681	0.5327
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.9560	0.0440	0.9486	0.8968	0.2506
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.8364	0.1636	0.8364	0.6728	0.5908
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%		0.6655	0.3345	0.6646	0.3174	0.8376
higgs1%		0.6480	0.3520	0.6454	0.2834	0.8677
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9376	0.0624	0.8869	0.7730	0.4066
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6944	0.2037	0.6544	0.4116	0.3234
hotel-reservartions		0.8534	0.1466	0.8300	0.6576	0.5705
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.8044	0.1304	0.8107	0.7051	0.3318
ht-sensor10%		0.8435	0.1043	0.8516	0.7656	0.2863
htru2		0.9793	0.0207	0.9357	0.8697	0.2166
hypothyroid		0.9841	0.0080	0.7068	0.8997	0.0704
hypothyroidT		0.9867	0.0133	0.9517	0.8986	0.0509
ilpd		0.7119	0.2881	0.5834	0.1301	0.7904
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9547	0.0227	0.9556	0.9396	0.0876
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9089	0.0070	0.9104	0.9052	0.0840
jm1		0.8136	0.1864	0.6183	0.1289	0.5629
jvowels		0.9679	0.0071	0.9675	0.9636	0.0546
kc1		0.8578	0.1422	0.6870	0.1444	0.2864
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.5714	0.0357	0.0317	0.0455	0.2031
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.5420	0.0574	0.7533
kdc-4007		0.7282	0.0680	0.6468	0.6828	0.3175
kddcup981%		0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9982	0.0002	0.4960	0.9969	0.0100
kddcup9910%		0.9995	0.0000	0.7017	0.9991	0.0502
kepler		0.8808	0.0795	0.8404	0.8035	0.2150
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.4185	0.0646	0.4808	0.3410	0.4477
krvskp		0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc		0.7937	0.0688	0.7447	0.7384	0.3091
la2s-wc		0.8079	0.0640	0.7787	0.7539	0.2863
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6176	0.0191	0.3434	0.6004	0.0620
led24		0.6000	0.0800	0.6456	0.5604	0.1960
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9005	0.0077	0.9006	0.8965	0.1126
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8889	0.0148	0.8883	0.8804	0.0452

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7353	0.2647	0.7051	0.4093	0.7890
loan		0.9274	0.0726	0.9225	0.8449	0.3560
localization		0.6817	0.0579	0.4486	0.5906	0.4516
localization10%		0.6068	0.0715	0.3660	0.4914	0.5594
lrs		0.8868	0.0226	0.4628	0.8412	0.0452
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.8830	0.1170	0.8800	0.7599	0.4864
madelon		0.5500	0.4500	0.5511	0.1000	0.9587
magic04		0.8464	0.1536	0.8278	0.6483	0.5601
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8225	0.6449	0.6199
marketing		0.8929	0.1071	0.7519	0.4309	0.4261
maternal		0.6733	0.2178	0.6830	0.5011	0.4681
math		0.7500	0.1250	0.7011	0.6109	0.3439
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.2033	0.3187	0.2040	0.0042	0.8723
messidor		0.7304	0.2696	0.7342	0.4627	0.7633
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9571	0.9227	0.0673
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-fou		0.8050	0.0390	0.8067	0.7833	0.1773
mfeat-kar		0.9350	0.0130	0.9355	0.9278	0.0792
mfeat-mor		0.7400	0.0520	0.7196	0.7111	0.1665
mfeat-pix		0.9650	0.0070	0.9651	0.9611	0.0419
mfeat-zer		0.8350	0.0330	0.8336	0.8167	0.1173
mice-prot		0.9907	0.0023	0.9914	0.9894	0.0114
milk		0.9906	0.0063	0.9918	0.9855	0.0283
mines		0.6471	0.1412	0.6220	0.5589	0.2445
mobile		0.6818	0.0114	0.6883	0.6760	0.1445
monks-1		0.7091	0.2909	0.7566	0.4118	0.4822
monks-2		0.6885	0.3115	0.6627	0.1213	0.4570
monks-3		0.8571	0.1429	0.8737	0.7168	0.3812
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4406	0.1017	0.4688	0.3278	0.5525
musk		0.9500	0.0500	0.8998	0.7815	0.1870
MUT_ci300400a_cdk_ECFP2		0.8082	0.1918	0.8010	0.5976	0.6411
MUT_ci300400a_cdk_ECFP4		0.8060	0.1940	0.8006	0.6012	0.6595
MUT_ci300400a_cdk_ECFP6		0.7856	0.2144	0.7783	0.5560	0.6955
MUT_ci300400a_cdk_ESTATE		0.7434	0.2566	0.7327	0.4623	0.7607
MUT_ci300400a_cdk_EXTENDED		0.8249	0.1751	0.8190	0.6374	0.6191
MUT_ci300400a_cdk_FCFP2		0.7976	0.2024	0.7900	0.5783	0.6704
MUT_ci300400a_cdk_FCFP4		0.7926	0.2074	0.7847	0.5666	0.6770
MUT_ci300400a_cdk_FCFP6		0.7854	0.2146	0.7792	0.5585	0.6974

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_MACCS		0.7602	0.2398	0.7503	0.4966	0.7314
MUT_ci300400a_cdk_PUBCHEM		0.8419	0.1581	0.8363	0.6705	0.5758
MUT_ci300400a_cdk_STANDARD		0.7868	0.2132	0.7799	0.5597	0.6946
MUT_ci300400a_rdkit_descriptors		0.7957	0.2043	0.7906	0.5708	0.6462
myocardial		0.8647	0.0338	0.3332	0.3972	0.3131
naticusdroid		0.9697	0.0303	0.9697	0.9393	0.1814
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA1%		0.9104	0.0094	0.5198	0.7505	0.4298
ncRNA10%		0.9213	0.0083	0.5797	0.7806	0.4401
neo		0.9083	0.0917	0.6541	0.1442	0.3589
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6473	0.3527	0.6446	0.2884	0.8829
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9498	0.0502	0.9386	0.8772	0.3024
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.9313	0.0275	0.7119	0.8991	0.1261
obesity		0.9479	0.0149	0.9472	0.9391	0.0863
obs		0.9444	0.0278	0.9602	0.9168	0.0900
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc		0.7426	0.0515	0.7086	0.7017	0.1999
oh10-wc		0.5714	0.0857	0.5571	0.5092	0.3553
oh15-wc		0.5870	0.0826	0.5661	0.5205	0.3328
oh5-wc		0.7033	0.0593	0.6691	0.6606	0.2216
ohscal-wc		0.6147	0.0771	0.5991	0.5672	0.4376
olive		0.9298	0.0156	0.9215	0.9118	0.0396
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9733	0.0053	0.9741	0.9703	0.0392
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.9000	0.0050	0.8743	0.8974	0.0168
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8505	0.1495	0.8319	0.6633	0.5818
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants		0.9959	0.0041	0.7315	0.4329	0.3981
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9653	0.0139	0.6839	0.7873	0.1140
parkinson		0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons		0.8009	0.1991	0.7951	0.5872	0.6668
parkinsons-small		0.8947	0.1053	0.8643	0.7286	0.5039
particle		0.9188	0.0812	0.8991	0.7981	0.4169
particle10%		0.9169	0.0831	0.8979	0.7957	0.4285
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5773	0.4227	0.4764	-0.0062	0.6352
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9079	0.0921	0.8752	0.7500	0.4624
pediatric-leukemia		0.7647	0.0672	0.6899	0.7037	0.1650
pendigits		0.9864	0.0027	0.9863	0.9848	0.0256
period		0.8889	0.1111	0.8784	0.7273	0.2846
period-10f		0.5556	0.4444	0.3571	-0.2000	0.9762
persistency		0.8222	0.1778	0.8075	0.6121	0.6259

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
personalities			0.9317	0.0085	0.9318	0.9271	0.1132
pet-adoption			0.9000	0.1000	0.8881	0.7570	0.3198
phishing			0.9592	0.0408	0.9578	0.9150	0.2392
PhiUSIIL			1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%			0.7963	0.0582	0.7802	0.7613	0.1560
phone-acc1%			0.8026	0.0564	0.8108	0.7687	0.1316
phone-gyr0.1%			0.7911	0.0597	0.7635	0.7549	0.1379
phone-gyr1%			0.8017	0.0567	0.7944	0.7674	0.1384
phoneme			0.8222	0.1778	0.7715	0.5385	0.6581
phy			0.6990	0.3010	0.6990	0.3979	0.8220
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.9967	0.0022	0.9943	0.9896	0.0083
placement			0.7970	0.2030	0.7920	0.5840	0.6758
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5005	0.0999	0.1202	0.0021	0.1726
poker10%			0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7914	0.2086	0.7676	0.5319	0.6925
popularity			0.6368	0.2421	0.4069	0.1546	0.6393
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9407	0.0237	0.9407	0.9259	0.1196
pred-tox_mutagen_ref-desc			0.6324	0.3676	0.6373	0.2647	0.8720
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3333	0.0606	0.1410	0.2539	0.2736
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.7761	0.2239	0.7346	0.4611	0.7218
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9794	0.0082	0.9684	0.9724	0.0570
puc-rio10%			0.9572	0.0171	0.9415	0.9425	0.1044
pufs-1281%			0.5022	0.4978	0.5022	0.0043	0.9988
pufs-641%			0.4850	0.5150	0.4850	-0.0300	1.0000
pulsar			0.9800	0.0200	0.9382	0.8729	0.1690
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.7067	0.0451	0.6320	0.6098	0.3389
re1-wc			0.6566	0.0275	0.4025	0.5990	0.2371
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			0.9875	0.0050	0.9862	0.9835	0.0195
rocket			0.6473	0.3527	0.6327	0.2653	0.8883
RT_IOT2022			0.9972	0.0005	0.9699	0.9931	0.0072
satimage			0.8740	0.0420	0.8482	0.8440	0.1793
satimageF			0.9860	0.0140	0.9632	0.9255	0.1348
satimageT			0.9176	0.0824	0.7564	0.5096	0.5839
scadi			0.8571	0.0408	0.5333	0.8056	0.0421
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6471	0.3529	0.6838	0.2941	0.6910
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.9997	0.0003	0.9997	0.9993	0.0035

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9654	0.0099	0.9692	0.9595	0.0463
segmentation			0.8168	0.1832	0.7969	0.5919	0.6461
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-8-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-9-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sensorless			0.9342	0.0120	0.9344	0.9276	0.0734
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8938	0.1062	0.7769	0.5444	0.5658
shuttle			0.9260	0.0211	0.7205	0.7605	0.0687
sick			0.9682	0.0318	0.8564	0.6843	0.2258
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9984	0.0016	0.9977	0.9953	0.0291
skin10%			0.9922	0.0078	0.9884	0.9766	0.0992
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.7895	0.2105	0.7889	0.5778	0.6844
smoking			0.7813	0.2187	0.7664	0.5326	0.7132
soil_pollution			0.1867	0.3253	0.1845	-0.0173	0.8853
solar-flare			0.7050	0.0983	0.5661	0.6237	0.2198
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.9559	0.0046	0.9357	0.9515	0.0176
spam-detection			0.9545	0.0455	0.8573	0.7129	0.4262
spambase			0.9196	0.0804	0.9157	0.8294	0.3601
spect			0.7778	0.2222	0.6786	0.3571	0.7720
spectf			0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer			0.6038	0.0165	0.2530	0.5806	0.0974
splice-EI			0.9590	0.0410	0.9479	0.8944	0.2900
splice-IE			0.9085	0.0915	0.8717	0.7432	0.4714
sport-articles			0.8300	0.1700	0.8144	0.6249	0.6065
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8228	0.1182	0.7797	0.7135	0.3402
steel-b			0.8359	0.1641	0.7227	0.4233	0.6472
steel-d			0.9897	0.0103	0.9140	0.8280	0.3214
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.7846	0.2154	0.7550	0.4757	0.6295
steel-p			0.9333	0.0667	0.7250	0.3558	0.3699
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9171	0.8329	0.3748
stellar			0.9648	0.0235	0.9594	0.9373	0.1242
stock			0.9028	0.0972	0.8238	0.6390	0.4964
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8760	0.1240	0.8745	0.7489	0.4989
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6250	0.1500	0.2766	0.3600	0.3285
student-depression			0.8348	0.1652	0.8286	0.6560	0.5962

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3846	0.2462	0.1691	0.1105	0.5442
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.5385	0.3077	0.4575	0.2909	0.3919
susy1%			0.7926	0.2074	0.7932	0.5755	0.6461
susy10%			0.7897	0.2103	0.7884	0.5715	0.6692
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4000	0.4000	0.4121	0.1000	0.7078
telco-churn			0.9034	0.0966	0.8740	0.7472	0.4657
texture			0.9964	0.0007	0.9965	0.9960	0.0053
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9170	0.0830	0.8862	0.7714	0.4262
tis10%			0.8358	0.1642	0.7632	0.4444	0.4419
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4340	0.6098	0.1060
tox_171			0.9412	0.0294	0.9437	0.9213	0.0641
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc			0.7805	0.0488	0.6764	0.7219	0.1813
trec12-wc			0.8065	0.0484	0.8166	0.7631	0.1371
trec21-wc			0.8182	0.0606	0.4073	0.6071	0.3045
trec23-wc			0.8095	0.0635	0.7386	0.7342	0.2031
trec31-wc			0.8710	0.0369	0.7127	0.8260	0.1565
trec41-wc			0.7955	0.0409	0.5127	0.7413	0.1532
trec45-wc			0.7246	0.0551	0.6617	0.6723	0.2103
tuandromd			0.9843	0.0157	0.9754	0.9507	0.1231
turkish			0.8000	0.1000	0.7979	0.7333	0.2583
tvnews1%			0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%			0.8905	0.1095	0.8815	0.7625	0.4697
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7164	0.0630	0.6356	0.6640	0.2010
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7738	0.1131	0.7065	0.6859	0.2502
vehicleVAN			0.9643	0.0357	0.9519	0.9032	0.2250
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5758	0.0771	0.6082	0.5333	0.2367
vowelZ			0.9899	0.0101	0.9688	0.9357	0.0414
wap-wc			0.7051	0.0295	0.4729	0.6647	0.1624
warpar10p			0.6923	0.0615	0.6557	0.6533	0.1103
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.7893	0.0602	0.8025	0.7535	0.1516
watch-acc10%			0.8266	0.0495	0.8391	0.7973	0.1271
watch-gyr1%			0.7895	0.0602	0.7937	0.7541	0.1684
water_pollution			0.2867	0.3567	0.2874	0.0490	0.8383
waveform			0.8380	0.1080	0.8381	0.7570	0.3695
weather-related			0.9731	0.0049	0.9751	0.9695	0.0390

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
web-phishing			0.7852	0.1432	0.6846	0.6063	0.4573
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.9597	0.0161	0.9585	0.9490	0.0814
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9772	0.0228	0.8819	0.7635	0.4120
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5660	0.1447	0.2661	0.2964	0.4625
winequality-white			0.5194	0.1373	0.2448	0.2170	0.5469
winnipeg			0.9949	0.0015	0.9904	0.9935	0.0181
winnipeg10%			0.9905	0.0027	0.9787	0.9880	0.0291
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.6250	0.0500	0.5981	0.5983	0.0956
yeast			0.5135	0.0973	0.3864	0.3813	0.3752
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9495	0.0101	0.9432	0.9433	0.0784

Table 232: Detailed results for SVC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1535	0.0584	0.0855	0.0670	0.5310
abalone19		0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9734	0.0266	0.6301	0.2600	0.5780
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9726	0.0274	0.9426	0.8852	0.2585
adult		0.8475	0.1525	0.7748	0.5410	0.6187
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter		0.8175	0.1825	0.4498	-0.1002	0.7001
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.7905	0.2095	0.6165	0.2300	0.7852
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red		0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red		0.9883	0.0117	0.7352	0.2828	0.0436
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9988	0.0012	0.4997	-0.0003	0.4066
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed		0.9985	0.0015	0.4996	-0.0007	0.5338
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7000	0.3000	0.6098	0.2105	0.8520
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9879	0.0121	0.4969	-0.0045	0.5315
AID721morered		0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red		0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red		0.9985	0.0015	0.4996	-0.0007	0.5338
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8498	0.1502	0.7835	0.5584	0.6065
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8747	0.1253	0.8722	0.7436	0.4995
alcohol		0.7810	0.0876	0.3981	0.4704	0.2058
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8512	0.1488	0.8349	0.6684	0.5717
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9930	0.0035	0.9778	0.9868	0.0222
anuran-genus		0.9847	0.0038	0.9649	0.9749	0.0862
anuran-species		0.9889	0.0022	0.9735	0.9846	0.0321
anxiety		0.1000	0.2000	0.0953	-0.0149	0.8040
apple-quality		0.7325	0.2675	0.7343	0.4650	0.7664
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9935	0.0065	0.7359	0.3865	0.2565
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.7111	0.0444	0.4394	0.5173	0.2787
auction		0.9412	0.0588	0.8559	0.6955	0.3452
audiology		0.8261	0.0145	0.3956	0.7974	0.0407

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8500	0.0500	0.7338	0.8000	0.1294
avila		0.8237	0.0294	0.8571	0.7650	0.2299
babies		0.4355	0.1613	0.1402	0.0970	0.3740
balance		1.0000	0.0000	1.0000	1.0000	0.0000
bank		0.8988	0.1012	0.7299	0.4574	0.6286
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9217	0.0783	0.9155	0.8245	0.3176
basehock		0.9598	0.0402	0.9599	0.9196	0.2246
bio		0.9970	0.0030	0.9069	0.8021	0.1168
bio10%		0.9966	0.0034	0.9069	0.8131	0.3595
biodeg		0.8952	0.1048	0.8896	0.7789	0.4599
biomed		0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%		0.9811	0.0013	0.0416	0.0629	0.4003
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6373	0.1813	0.6374	0.5164	0.4909
brain-tumor		0.5105	0.4895	0.5105	0.0210	0.9939
breast-cancer		0.6429	0.3571	0.5276	0.0541	0.9174
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.8000	0.0571	0.6857	0.7143	0.1393
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9598	0.0201	0.9589	0.9158	0.1720
car-insurance		0.8350	0.1650	0.8061	0.6119	0.6276
card		0.8696	0.1304	0.8732	0.7385	0.4916
cardiotocography		0.8685	0.0263	0.8495	0.8422	0.1618
cardiotocography-nsp		0.9202	0.0532	0.8525	0.7748	0.2470
cardiovascular		0.7192	0.2808	0.7225	0.4383	0.7776
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6372	0.5078	0.4587
cas_N6512_cdk_ECFP2		0.7588	0.2412	0.7575	0.5150	0.7372
cas_N6512_rdkit_ATOMPAIR		0.7923	0.2077	0.7914	0.5826	0.6797
cas_N6512_RDkit_AtomPair_FP		0.7669	0.2331	0.7650	0.5296	0.7234
cas_N6512_rdkit_AVALON		0.8049	0.1951	0.8035	0.6069	0.6563
cas_N6512_RDkit_Avalon_FP		0.8328	0.1672	0.8322	0.6642	0.5996
cas_N6512_rdkit_descriptors		0.8062	0.1938	0.8048	0.6094	0.6537
cas_N6512_rdkit_FEATMORGAN		0.7604	0.2396	0.7586	0.5171	0.7348
cas_N6512_RDkit_Featmorgan_FP		0.7837	0.2163	0.7824	0.5648	0.6953
cas_N6512_RDkit_FP		0.7745	0.2255	0.7732	0.5463	0.7113
cas_N6512_rdkit_LAYERED		0.7923	0.2077	0.7927	0.5842	0.6760
cas_N6512_RDkit_Layered_FP		0.7822	0.2178	0.7804	0.5602	0.6962
cas_N6512_rdkit_MACCS		0.8080	0.1920	0.8064	0.6124	0.6489
cas_N6512_RDkit_MACCS_FP		0.8006	0.1994	0.8002	0.6000	0.6633
cas_N6512_rdkit_MORGAN		0.8246	0.1754	0.8233	0.6463	0.6160
cas_N6512_RDkit_morgan_FP		0.8006	0.1994	0.7993	0.5987	0.6646
cas_N6512_rdkit_PATTERN		0.8031	0.1969	0.8030	0.6053	0.6576
cas_N6512_RDkit_pattern_FP		0.7791	0.2209	0.7787	0.5569	0.7020
cas_N6512_rdkit_RDKITFP		0.7896	0.2104	0.7884	0.5768	0.6849
cas_N6512_rdkit_TORSION		0.7615	0.2385	0.7636	0.5242	0.7231
ccds1%		0.9615	0.0385	0.6177	0.1165	0.3554

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ccds10%		0.9303	0.0697	0.6307	0.2516	0.5948
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8187	0.1813	0.8035	0.6066	0.6482
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8094	0.5869	0.3207
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.4871	-0.0029	0.2827
CDS49_AID687_Rdkit-ecfp4-fp		0.9891	0.0109	0.4973	-0.0038	0.2938
census		0.9482	0.0518	0.7289	0.3571	0.3267
census10%		0.9505	0.0495	0.7242	0.3827	0.4071
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7962	0.5764	0.5664
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9102	0.0449	0.9003	0.8657	0.1919
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9991	0.0009	0.8017	0.5995	0.5022
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6737	0.3263	0.6480	0.2953	0.8647
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.5210	0.5281	0.4617
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8676	0.0662	0.8034	0.7966	0.2938
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5442	0.3039	0.5077	0.2826	0.7117
cnae-9		0.9630	0.0082	0.9642	0.9583	0.0413
codon_usage		0.9417	0.0106	0.8544	0.9293	0.1388
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		0.6600	0.0453	0.5408	0.6262	0.1671
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.7241	0.2759	0.6947	0.3895	0.8063
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c		0.6552	0.3448	0.5292	0.0584	0.8870
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.5338	0.4662	0.5319	0.0634	0.9788
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7740	0.2260	0.7740	0.5480	0.7106
coupon		0.7595	0.2405	0.7539	0.5074	0.7389
covtype10%		0.7262	0.0782	0.5406	0.5491	0.3481
covtypeCD		0.9945	0.0055	0.9884	0.9767	0.0699
covtypeT		0.9870	0.0130	0.9494	0.8987	0.2167
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9993	0.0007	0.8958	0.7913	0.3225
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.9631	0.0123	0.8880	0.9244	0.1032
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cultivars		0.6875	0.0156	0.5098	0.6784	0.0352
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1867	0.2711	0.1877	0.0189	0.8388
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.7593	0.2407	0.7527	0.5049	0.7398
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.8462	0.1538	0.4583	-0.0833	0.6910
dating		0.0994	0.1801	0.0990	-0.0010	0.9052
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8220	0.1780	0.7047	0.3717	0.6429
defect		0.8611	0.1389	0.7044	0.2071	0.2835
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8983	0.1017	0.7365	0.4702	0.6228
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.9000	0.1000	0.9000	0.8000	0.4322
df_final		0.6875	0.2083	0.7015	0.5062	0.3593
DIA		0.7500	0.2500	0.6593	0.3182	0.8034
diabetes		0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-100k		0.9585	0.0415	0.8515	0.6776	0.2759
diabetes-risk		0.8548	0.1452	0.7554	0.4903	0.5983
diabetic1%		0.4706	0.3529	0.3942	0.0612	0.7784
diabetic10%		0.5363	0.3091	0.3393	0.0648	0.5589
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6633	0.1347	0.5539	0.5068	0.4040
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9932	0.0068	0.5545	0.1021	0.4682
dorothea		0.9130	0.0870	0.6741	0.2552	0.4630
dota210%		0.5650	0.4350	0.5615	0.1221	0.9566
drebin		0.9774	0.0226	0.9758	0.9515	0.1544
dropout		0.7675	0.1550	0.6955	0.6116	0.4678
drug-01		0.3032	0.1991	0.2034	0.0123	0.8500
drug-02		0.4574	0.1550	0.2329	0.1562	0.7370
drug-03		0.6489	0.1003	0.1803	0.1521	0.5234
drug-04		0.4787	0.1489	0.2173	0.1510	0.7229
drug-05		0.6170	0.1094	0.1311	0.0089	0.6250
drug-06		0.3936	0.1733	0.2392	0.2345	0.5961
drug-07		0.3032	0.1991	0.1164	-0.0811	0.6647
drug-08		0.4468	0.1581	0.1963	0.1381	0.7891
drug-09		0.7979	0.0578	0.1543	0.1007	0.4984
drug-10		0.4840	0.1474	0.1718	0.1244	0.6766
drug-11		0.7553	0.0699	0.1829	0.0814	0.8471
drug-12		0.6649	0.0957	0.1368	0.0021	0.7565
drug-13		0.4894	0.1459	0.1528	0.1358	0.8233
drug-14		0.5957	0.1155	0.2730	0.2891	0.5280
drug-15		0.6755	0.0927	0.1786	0.1515	0.7537
drug-16		0.5691	0.1231	0.2461	0.2862	0.4879
drug-17		0.3511	0.1854	0.1278	0.0987	0.5119
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7021	0.0851	0.2081	0.1526	0.5069
drybean		0.9331	0.0191	0.9446	0.9191	0.1128
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2100	0.3950	0.2099	-0.0540	0.8767
eeg		0.4236	0.0721	0.4637	0.3597	0.6032
eeg-eye		0.9252	0.0748	0.9246	0.8492	0.3570
eeg10%		0.4095	0.0738	0.4323	0.3469	0.5979
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6301	0.1479	0.5923	0.5259	0.4365
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq10%		0.9779	0.0221	0.9778	0.9556	0.1432
fakenews		0.5650	0.4350	0.5649	0.1298	0.9574
farm-ads		0.9034	0.0966	0.9032	0.8051	0.4137
fbis-wc		0.8374	0.0191	0.8007	0.8148	0.1340
fertility		0.7000	0.3000	0.4118	-0.1538	0.6304
finance		0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk		0.8475	0.0508	0.6544	0.7577	0.2514
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.5000	0.1250	0.2736	0.3590	0.3089
forest		0.9038	0.0481	0.8748	0.8680	0.1369
gas		0.9957	0.0014	0.9961	0.9948	0.0105
gastrointestinal		0.5625	0.2917	0.5460	0.2956	0.5871
gender		0.6000	0.2667	0.4380	0.1759	0.6878
gene		0.9338	0.0442	0.9284	0.8946	0.2074
german		0.7300	0.2700	0.6856	0.3510	0.7685
gestures		0.3416	0.3292	0.3787	0.1224	0.7161
gina		0.9452	0.0548	0.9453	0.8904	0.2828
gisette		0.9743	0.0257	0.9743	0.9486	0.1615
glass		0.7619	0.0794	0.7538	0.6759	0.2777
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.3929	0.2638	0.4769
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.6058	0.1892	0.8058
hapt		0.9808	0.0032	0.9306	0.9773	0.0204
har		0.7890	0.0844	0.7798	0.7317	0.3442
har701%		0.9128	0.0249	0.5964	0.8720	0.2742
har7010%		0.7757	0.0641	0.4003	0.6346	0.1242
harth1%		0.8677	0.0221	0.5816	0.8199	0.2470
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.8480	0.1520	0.8236	0.6472	0.5999
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.8364	0.1636	0.8364	0.6728	0.5908
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6827	0.3173	0.6808	0.3564	0.8328
higgs1%		0.6966	0.3034	0.6946	0.3861	0.8201
higher		0.3571	0.1607	0.2047	0.2222	0.2785
hinselmann		0.6000	0.4000	0.3750	-0.2500	0.8750
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9191	0.0809	0.8508	0.6994	0.4743
hiva		0.9551	0.0449	0.4885	-0.0152	0.5782
horse		0.6667	0.2222	0.6428	0.4194	0.5700
hotel-reservartions		0.8173	0.1827	0.7856	0.5653	0.6439
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.5879	0.2747	0.5915	0.3806	0.6414
htru2		0.9810	0.0190	0.9409	0.8800	0.1916
hypothyroid		0.9788	0.0106	0.6708	0.8682	0.1529
hypothyroidT		0.9841	0.0159	0.9416	0.8762	0.0587
ilpd		0.6780	0.3220	0.5566	0.1053	0.8833
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.9520	0.0240	0.9530	0.9360	0.0909
ionosphere		0.9143	0.0857	0.9146	0.8148	0.3671
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9448	0.0042	0.9456	0.9426	0.0489
jm1		0.8127	0.1873	0.6297	0.2098	0.6810
jvowels		0.9980	0.0004	0.9975	0.9977	0.0037
kc1		0.8768	0.1232	0.7234	0.3800	0.5034
kc1-class-level-defectiveornot		0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect		0.5714	0.0357	0.0741	0.2566	0.1216
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8269	0.1731	0.7165	0.4236	0.6904
kdc-4007		0.7805	0.0627	0.7986	0.7440	0.2739
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9079	0.0921	0.5444	0.0887	0.6442
kddcup991%		0.9988	0.0001	0.5439	0.9979	0.0089
kddcup9910%		0.9995	0.0001	0.8644	0.9991	0.0329
kepler		0.8818	0.0788	0.8417	0.8046	0.2094
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.8460	0.0171	0.8496	0.8281	0.1740
krvskp		0.9875	0.0125	0.9874	0.9749	0.0919
la1s-wc		0.8286	0.0571	0.8086	0.7862	0.3034
la2s-wc		0.8642	0.0453	0.8502	0.8283	0.2303
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6471	0.0176	0.3875	0.6318	0.0687
led24		0.6000	0.0800	0.5887	0.5518	0.1941
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9820	0.0014	0.9819	0.9813	0.0219
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.9167	0.0111	0.9361	0.9106	0.0381
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.9274	0.0726	0.9225	0.8449	0.3560
localization		0.4438	0.1011	0.1698	0.2108	0.3891

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
localization10%		0.6851	0.0573	0.4580	0.6032	0.5342
lrs		0.8868	0.0226	0.4567	0.8427	0.0591
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0714	0.6687	0.7358	0.2091
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.8830	0.1170	0.8800	0.7599	0.4864
madelon		0.5923	0.4077	0.5928	0.1846	0.9321
magic04		0.8827	0.1173	0.8696	0.7327	0.4607
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8646	0.1354	0.8643	0.7285	0.5266
marketing		0.8929	0.1071	0.7519	0.4309	0.4261
maternal		0.8515	0.0990	0.8532	0.7743	0.3465
math		0.7750	0.1125	0.7302	0.6460	0.3253
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.2300	0.3080	0.2307	0.0337	0.8178
messidor		0.7304	0.2696	0.7342	0.4627	0.7633
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9330	0.9241	0.0699
meter-D		0.7778	0.1111	0.6252	0.6828	0.2443
mfeat-fac		0.9800	0.0040	0.9804	0.9778	0.0252
mfeat-fou		0.8350	0.0330	0.8380	0.8167	0.1442
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7300	0.0540	0.7320	0.7000	0.1930
mfeat-pix		0.9750	0.0050	0.9761	0.9722	0.0311
mfeat-zer		0.8300	0.0340	0.8351	0.8111	0.1023
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8868	0.0755	0.8951	0.8301	0.2295
mines		0.7647	0.0941	0.7493	0.7050	0.2487
mobile		0.8601	0.0050	0.8716	0.8576	0.0640
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000
monks-3		0.9464	0.0536	0.9488	0.8923	0.2137
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4794	0.0946	0.4881	0.3654	0.5257
musk		0.9939	0.0061	0.9883	0.9766	0.0608
MUT_ci300400a_cdk_ECFP2		0.8441	0.1559	0.8393	0.6784	0.5795
MUT_ci300400a_cdk_ECFP4		0.7880	0.2120	0.7814	0.5627	0.6927
MUT_ci300400a_cdk_ECFP6		0.7533	0.2467	0.7436	0.4850	0.7469
MUT_ci300400a_cdk_ESTATE		0.7758	0.2242	0.7669	0.5303	0.7059
MUT_ci300400a_cdk_EXTENDED		0.7914	0.2086	0.7848	0.5696	0.6865
MUT_ci300400a_cdk_FCFP2		0.8383	0.1617	0.8327	0.6643	0.5883
MUT_ci300400a_cdk_FCFP4		0.7722	0.2278	0.7639	0.5269	0.7184
MUT_ci300400a_cdk_FCFP6		0.7770	0.2230	0.7724	0.5444	0.7101
MUT_ci300400a_cdk_MACCS		0.8501	0.1499	0.8454	0.6907	0.5655
MUT_ci300400a_cdk_PUBCHEM		0.8587	0.1413	0.8539	0.7069	0.5416
MUT_ci300400a_cdk_STANDARD		0.7796	0.2204	0.7744	0.5486	0.7066
MUT_ci300400a_rdkit_descriptors		0.8521	0.1479	0.8500	0.6995	0.5597
myocardial		0.8353	0.0412	0.2831	0.3505	0.6539

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
naticusdroid		0.9690	0.0310	0.9690	0.9379	0.1863
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0370	0.5556	0.8065	0.0000
ncRNA1%		0.8956	0.0110	0.4943	0.7168	0.8937
ncRNA10%		0.8833	0.0123	0.2957	0.6350	0.1715
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.7195	0.0127	0.7345	0.7104	0.2160
newspop		0.6440	0.3560	0.6415	0.2827	0.8869
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9611	0.0389	0.9524	0.9049	0.2524
NPHA-doctor-visits		0.4028	0.3981	0.2866	-0.0757	0.8209
nursery		0.9321	0.0272	0.7124	0.9003	0.1254
obesity		0.9147	0.0244	0.9139	0.9004	0.1112
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9893	0.0107	0.9852	0.9702	0.1195
Occupancy_Estimation		0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc		0.8614	0.0277	0.8606	0.8416	0.1335
oh10-wc		0.7619	0.0476	0.7479	0.7276	0.2343
oh15-wc		0.7500	0.0500	0.7351	0.7139	0.2118
oh5-wc		0.8022	0.0396	0.8045	0.7758	0.1797
ohscal-wc		0.6927	0.0615	0.6783	0.6556	0.3815
olive		0.9649	0.0078	0.9554	0.9565	0.0249
opn310k10%		0.8837	0.1163	0.6295	0.2587	0.6902
optdigits		0.9858	0.0028	0.9863	0.9842	0.0221
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.7267	0.4522	0.5588
ozone8hr		0.9209	0.0791	0.6394	0.2495	0.6005
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8711	0.1289	0.8582	0.7161	0.5357
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants		0.9943	0.0057	0.7179	0.4346	0.5367
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9689	0.0124	0.8325	0.8133	0.1713
parkinson		0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons		0.7962	0.2038	0.7894	0.5764	0.6772
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.8965	0.1035	0.8691	0.7368	0.4748
particle10%		0.9231	0.0769	0.9045	0.8089	0.4026
pasture		0.5000	0.3333	0.2667	0.1111	0.2969
pc1		0.9279	0.0721	0.6644	0.2997	0.5774
pcmac		0.5052	0.4948	0.4822	-0.0355	0.9992
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9079	0.0921	0.8728	0.7407	0.4303
pediatric-leukemia		0.7941	0.0588	0.7203	0.7421	0.1519
pendigits		0.9964	0.0007	0.9964	0.9960	0.0072
period		0.7778	0.2222	0.7500	0.5000	0.7296
period-10f		0.5556	0.4444	0.5000	0.0000	0.9591
persistency		0.8076	0.1924	0.7924	0.5836	0.6613
personalities		0.9545	0.0057	0.9545	0.9515	0.0779
pet-adoption		0.9000	0.1000	0.8881	0.7570	0.3198
phishing		0.9673	0.0327	0.9658	0.9310	0.1820
PhiUSIIL		1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%		0.7971	0.0580	0.7780	0.7625	0.1959

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
phone-acc1%			0.7340	0.0760	0.7031	0.6882	0.2407
phone-gyr0.1%			0.8478	0.0435	0.8374	0.8218	0.1703
phone-gyr1%			0.6978	0.0863	0.6659	0.6457	0.2638
phoneme			0.8907	0.1093	0.8652	0.7304	0.5044
phy			0.6996	0.3004	0.6996	0.3991	0.8212
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.9928	0.0048	0.9875	0.9773	0.0566
placement			0.7990	0.2010	0.7942	0.5884	0.6720
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5239	0.0952	0.2071	0.1042	0.2917
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9488	0.0512	0.5640	0.1187	0.6189
polish-2nd			0.9410	0.0590	0.5323	0.0618	0.6378
polish-3rd			0.9410	0.0590	0.5761	0.1355	0.6161
polish-4th			0.9367	0.0633	0.6354	0.2635	0.6223
polish-5th			0.9357	0.0643	0.6696	0.2471	0.4367
polya			0.7935	0.2065	0.7699	0.5361	0.6875
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8726	0.0510	0.8737	0.8407	0.2125
pred-tox_mutagen_ref-desc			0.7206	0.2794	0.7215	0.4412	0.7888
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.3333	0.0606	0.1683	0.2614	0.2417
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.8060	0.1940	0.7827	0.5652	0.6799
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8518	0.0593	0.8118	0.8009	0.2377
puc-rio10%			0.9873	0.0051	0.9782	0.9830	0.0399
pufs-1281%			0.5088	0.4912	0.5088	0.0177	0.9949
pufs-641%			0.5021	0.4979	0.5021	0.0042	0.9988
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%			0.7685	0.0113	0.4846	0.7334	0.1467
re0-wc			0.7533	0.0379	0.7579	0.6836	0.3593
re1-wc			0.7590	0.0193	0.6347	0.7250	0.1883
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578			0.8337	0.0069	0.5123	0.7660	0.2892
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6343	0.3657	0.6189	0.2377	0.9015
satimage			0.9160	0.0280	0.9081	0.8965	0.1480
satimageF			0.9876	0.0124	0.9690	0.9374	0.2071
satimageT			0.9471	0.0529	0.8545	0.7090	0.4733
scadi			0.8571	0.0408	0.5333	0.8056	0.0421
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9038	0.0962	0.5799	0.1595	0.6726
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9437	0.0161	0.9497	0.9342	0.0708
segmentation			0.8168	0.1832	0.7969	0.5919	0.6461
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.6783	0.3381	0.5818

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8289	0.1711	0.4902	-0.0156	0.7652
sens-10-gram			0.8504	0.1496	0.5501	0.0694	0.6778
sens-2-gram			0.8526	0.1474	0.6246	0.2389	0.7178
sens-3-gram			0.8447	0.1553	0.6139	0.2215	0.7343
sens-4-gram			0.8132	0.1868	0.5877	0.1754	0.7590
sens-5-gram			0.8368	0.1632	0.5571	0.1035	0.7509
sens-6-gram			0.8684	0.1316	0.5955	0.0812	0.4869
sens-7-gram			0.8500	0.1500	0.5672	0.1094	0.7067
sens-8-gram			0.8342	0.1658	0.5443	0.0792	0.7562
sens-9-gram			0.8684	0.1316	0.6240	0.1908	0.6139
sensorless			0.9832	0.0030	0.9833	0.9816	0.0267
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8929	0.1071	0.7704	0.5238	0.5491
shuttle			0.9990	0.0003	0.8837	0.9971	0.1312
sick			0.9602	0.0398	0.8172	0.6142	0.3752
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9999	0.0001	0.9998	0.9996	0.0035
skin10%			0.9996	0.0004	0.9994	0.9988	0.0098
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1600	0.4200	0.1656	-0.1254	0.8657
smk_can_187			0.7895	0.2105	0.7889	0.5778	0.6844
smoking			0.7456	0.2544	0.7346	0.4669	0.7604
soil_pollution			0.2067	0.3173	0.2081	0.0073	0.8661
solar-flare			0.7626	0.0791	0.5967	0.6940	0.1835
sonar			0.6500	0.3500	0.6573	0.3000	0.8418
soybean			0.9853	0.0015	0.9944	0.9839	0.0114
spam-detection			0.9420	0.0580	0.8057	0.5978	0.4513
spambase			0.9087	0.0913	0.9041	0.8072	0.4061
spect			0.7778	0.2222	0.6786	0.3571	0.7720
spectf			0.9714	0.0286	0.9651	0.9278	0.1112
spectrometer			0.6792	0.0134	0.3210	0.6614	0.0828
splice-EI			0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE			0.9432	0.0568	0.9214	0.8428	0.3504
sport-articles			0.8400	0.1600	0.8366	0.6679	0.5846
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.6000	0.2667	0.4375	0.3333	0.2250
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8896	0.0736	0.8601	0.8201	0.2492
steel-b			0.8718	0.1282	0.8053	0.6105	0.6004
steel-d			0.9949	0.0051	0.9553	0.9065	0.0226
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8359	0.1641	0.8164	0.6312	0.6080
steel-p			0.9436	0.0564	0.7817	0.5324	0.4232
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9005	0.8006	0.3957
stellar			0.9643	0.0238	0.9591	0.9364	0.1250
stock			0.9097	0.0903	0.8413	0.6805	0.5000
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8080	0.1920	0.8061	0.6121	0.6516
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6300	0.1480	0.2788	0.3680	0.3250
student-depression			0.8344	0.1656	0.8282	0.6550	0.5961
student-habits			0.4200	0.2320	0.1948	0.0761	0.4590
student-weekend			0.4154	0.2338	0.3485	0.1957	0.6286
student-workday			0.6875	0.1250	0.1676	0.0751	0.3413
studentap			0.6923	0.2051	0.5210	0.5000	0.3387
susy1%			0.8010	0.1990	0.8015	0.5931	0.6322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn			0.9034	0.0966	0.8740	0.7472	0.4657
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7234	0.2766	0.4848	-0.0304	0.7956
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9211	0.0789	0.9074	0.8131	0.4145
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.9170	0.0830	0.8862	0.7714	0.4262
tis10%			0.8060	0.1940	0.7085	0.3903	0.6773
titanic			0.8091	0.1909	0.7714	0.5247	0.6309
tourist			0.7500	0.0833	0.4340	0.6098	0.1060
tox_171			1.0000	0.0000	1.0000	1.0000	0.0000
toxicity			0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f			0.5882	0.4118	0.4903	-0.0171	0.9466
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc			0.7561	0.0542	0.6308	0.6933	0.2133
trec12-wc			0.8710	0.0323	0.9002	0.8420	0.0941
trec21-wc			0.8485	0.0505	0.5438	0.6746	0.2992
trec23-wc			0.7619	0.0794	0.6815	0.6749	0.2637
trec31-wc			0.9032	0.0277	0.7482	0.8704	0.1453
trec41-wc			0.8750	0.0250	0.6988	0.8437	0.1187
trec45-wc			0.7536	0.0493	0.7116	0.7070	0.1888
tuandromd			0.9955	0.0045	0.9931	0.9862	0.0715
turkish			0.8500	0.0750	0.8541	0.8000	0.1732
tvnews1%			0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%			0.9005	0.0995	0.8928	0.7857	0.4452
ur3_cobotops_grip			0.9769	0.0231	0.7773	0.4755	0.2251
ur3_cobotops_stop			0.9701	0.0299	0.7314	0.3775	0.3176
urban			0.8060	0.0431	0.8046	0.7713	0.1492
urinalysis			0.9650	0.0350	0.8088	0.5311	0.1051
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9835	0.0165	0.6261	0.2519	0.5612
vehicle			0.8095	0.0952	0.7964	0.7456	0.1470
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.6970	0.0551	0.7215	0.6667	0.1636
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
wap-wc			0.7885	0.0212	0.6182	0.7621	0.1286
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.8628	0.0392	0.8606	0.8395	0.1710
watch-gyr1%			0.8247	0.0501	0.8204	0.7953	0.2167
water_pollution			0.2033	0.3983	0.2030	-0.0629	0.8934
waveform			0.8380	0.1080	0.8387	0.7571	0.3682
weather-related			0.9712	0.0052	0.9723	0.9673	0.0469
web-phishing			0.8667	0.0889	0.8228	0.7662	0.3993
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.9017	0.0393	0.8978	0.8753	0.1695
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9917	0.0083	0.9582	0.9156	0.2543
wine			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
winequality-red			0.6541	0.1153	0.3210	0.4491	0.4650
winequality-white			0.6053	0.1128	0.3497	0.4077	0.5331
winnipeg10%			0.9960	0.0011	0.9968	0.9950	0.0097
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7652	0.7983	0.0407
yeast			0.5203	0.0959	0.3292	0.3821	0.3770
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9392	0.0608	0.6387	0.2761	0.6261
zip			0.9656	0.0069	0.9626	0.9614	0.0576

Table 233: Detailed results for SVM(Gaussian)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1799	0.0566	0.0866	0.0864	0.4669
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.9837	0.0163	0.6841	0.2309	0.2529
accident		0.5000	0.5000	0.5000	0.0000	0.9713
ads		0.9817	0.0183	0.9615	0.9227	0.1725
adult		0.8522	0.1478	0.7794	0.5438	0.5880
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8889	0.1111	0.7333	0.3010	0.2451
AID1284red		0.8889	0.1111	0.7333	0.3010	0.2451
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9986	0.0014	0.8940	0.7713	0.1090
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9943	0.0057	0.6657	0.1891	0.2321
aids		0.7512	0.2488	0.5235	0.0100	0.5674
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8486	0.1514	0.5731	0.0524	0.5062
airline		0.8909	0.1091	0.8914	0.7736	0.4052
alcohol		0.7524	0.0990	0.3716	0.2614	0.1965
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9944	0.0028	0.9787	0.9894	0.0166
anuran-genus		0.9944	0.0014	0.9802	0.9909	0.0490
anuran-species		0.9889	0.0022	0.9813	0.9846	0.0298
anxiety		0.1250	0.1944	0.0249	0.0001	0.4081
apple-quality		0.9125	0.0875	0.9125	0.8250	0.3945
aps-failure		0.9842	0.0158	0.7176	0.2177	0.0556
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.5778	0.0650	0.1109	0.0727	0.2286

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9216	0.0784	0.8014	0.5781	0.4430
audiology		0.4783	0.0435	0.1045	0.3596	0.2089
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.9655	0.0345	0.9665	0.9308	0.1598
autos		0.9500	0.0167	0.7933	0.9340	0.0386
avila		0.8467	0.0256	0.8542	0.7962	0.2075
babies		0.4194	0.1659	0.1380	0.0841	0.4794
balance		0.9194	0.0538	0.8001	0.8553	0.2296
bank		0.9121	0.0879	0.7464	0.4720	0.5442
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.6406	0.3594	0.6236	0.0081	0.4804
basehock		0.5477	0.4523	0.6034	0.0993	0.6598
bio		0.9917	0.0083	0.6957	0.1285	0.0330
bio10%		0.9918	0.0082	0.6990	0.1418	0.0328
biodeg		0.8857	0.1143	0.8788	0.7577	0.4851
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9855	0.0026	0.1105	0.0133	0.1479
body-perf		0.6731	0.1634	0.6704	0.5642	0.4824
bookings		0.9237	0.0509	0.7780	0.8333	0.1972
brain-tumor		0.4930	0.5070	0.4912	-0.0154	0.9659
breast-cancer		0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.4545	0.5455	0.3125	0.0000	0.5306
breast-tissue		0.8182	0.0606	0.7636	0.7755	0.1061
bridges		0.8000	0.0571	0.5195	0.7143	0.0697
bub10at310k-hg16-17		0.9138	0.0862	0.6496	0.1502	0.3776
bub12at310k-hg16-17		0.9118	0.0882	0.6333	0.1469	0.4355
bub8at310k-hg16-17		0.9117	0.0883	0.6335	0.1549	0.4501
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae		0.4910	0.3393	0.3171	-0.0019	0.3927
car		0.9770	0.0115	0.9705	0.9510	0.1331
car-insurance		0.8110	0.1890	0.7688	0.5164	0.6239
card		0.9130	0.0870	0.9107	0.8198	0.3843
cardiotocography		0.8545	0.0291	0.8226	0.8252	0.1800
cardiotocography-nsp		0.9390	0.0407	0.8723	0.8184	0.1107
cardiovascular		0.7139	0.2861	0.7139	0.4277	0.8027
cargo2k		0.9569	0.0288	0.9595	0.9351	0.1018
cars		0.7500	0.1667	0.6594	0.5429	0.4205
cas_N6512_cdk_ECFP2		0.7849	0.2151	0.7837	0.5674	0.6932
cas_N6512_rdkit_ATOMPAIR		0.5400	0.4600	0.5276	0.0051	0.5858
cas_N6512_RDkit_AtomPair_FP		0.6840	0.3160	0.6871	0.3461	0.7767
cas_N6512_rdkit_AVALON		0.7680	0.2320	0.7666	0.5283	0.7093
cas_N6512_RDkit_Avalon_FP		0.7592	0.2408	0.7572	0.5120	0.7309
cas_N6512_rdkit_descriptors		0.7938	0.2062	0.7936	0.5866	0.6754
cas_N6512_rdkit_FEATMORGAN		0.7834	0.2166	0.7818	0.5636	0.6959
cas_N6512_RDkit_Featmorgan_FP		0.8083	0.1917	0.8071	0.6142	0.6499
cas_N6512_RDkit_FP		0.6595	0.3405	0.6763	0.2849	0.7073
cas_N6512_rdkit_LAYERED		0.6938	0.3062	0.6933	0.3707	0.7940
cas_N6512_RDkit_Layered_FP		0.6794	0.3206	0.6838	0.3351	0.7718
cas_N6512_rdkit_MACCS		0.8126	0.1874	0.8111	0.6212	0.6382
cas_N6512_RDkit_MACCS_FP		0.8021	0.1979	0.8026	0.6039	0.6576
cas_N6512_rdkit_MORGAN		0.8262	0.1738	0.8249	0.6485	0.6088

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.8129	0.1871	0.8114	0.6223	0.6389
cas_N6512_rdkit_PATTERN		0.7677	0.2323	0.7658	0.5291	0.7164
cas_N6512_RDkit_pattern_FP		0.7377	0.2623	0.7354	0.4677	0.7629
cas_N6512_rdkit_RDKITFP		0.6436	0.3564	0.6598	0.2508	0.7225
cas_N6512_rdkit_TORSION		0.7831	0.2169	0.7821	0.5641	0.6962
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9630	0.0370	0.6780	0.0665	0.1082
cdc_diabetes		0.8444	0.1038	0.4073	0.1401	0.3136
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8187	0.1813	0.8007	0.6013	0.6491
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9614	0.0386	0.7022	0.3190	0.3751
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6405	0.1038	0.2709
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9388	0.0612	0.6477	0.1789	0.4000
census10%		0.9392	0.0608	0.5725	0.0354	0.3280
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia		0.7352	0.1324	0.6525	0.5952	0.3902
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8280	0.1720	0.6903	0.3345	0.6335
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6947	0.3053	0.6679	0.3334	0.8390
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.5714	0.2857	0.2424	0.0000	0.3038
cjs		0.9679	0.0107	0.9662	0.9608	0.0573
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8759	0.0620	0.8140	0.8089	0.2625
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5000	0.3333	0.2222	0.0000	0.3678
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5442	0.3039	0.5138	0.2753	0.6983
cnae-9		0.7130	0.0638	0.7621	0.6771	0.2388
codon_usage		0.9447	0.0100	0.8655	0.9330	0.0953
coil20		0.4306	0.0569	0.5002	0.4009	0.2425
college		0.8961	0.1039	0.8688	0.7027	0.2605
collins		0.6600	0.0453	0.5571	0.6236	0.1680
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4		0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5		0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6		0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c		0.8276	0.1724	0.7526	0.3777	0.3360
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7419	0.1720	0.6451	0.5804	0.3096
comedy_comparisons1%		0.5215	0.4785	0.5142	0.0215	0.9036
comedy_comparisons10%		0.5712	0.4288	0.5692	0.1364	0.9476
connect-4		0.9735	0.0177	0.4179	0.2991	0.4699
cottonmeloidogyne		0.6851	0.3149	0.7075	0.3728	0.7267
coupon		0.7642	0.2358	0.7577	0.5130	0.7263
covtype10%		0.8640	0.0388	0.7515	0.7785	0.2856

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeCD		0.9920	0.0080	0.9830	0.9660	0.0884
covtypeT		0.9852	0.0148	0.9416	0.8827	0.2197
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans		0.9985	0.0015	0.7098	0.2452	0.1100
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.9631	0.0123	0.8929	0.9247	0.1473
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.7188	0.0141	0.5489	0.7103	0.0360
customer-churn		0.9804	0.0196	0.6606	0.2041	0.3169
cybersecurity		0.1900	0.2700	0.0955	0.0163	0.5224
cyclopentane		0.6296	0.3704	0.6325	0.1964	0.7422
cylinder-bands		0.8148	0.1852	0.8136	0.6255	0.6355
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1016	0.1797	0.0185	-0.0007	0.4182
day1%		0.9491	0.0509	0.9447	0.8869	0.2396
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.8237	0.1763	0.7065	0.3655	0.6188
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.9067	0.0933	0.7397	0.4597	0.5610
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9505	0.9322	0.0563
desharnais		0.5000	0.3333	0.3366	0.0303	0.5178
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.2500	0.5000	0.1404	-0.2000	0.6634
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k		0.9569	0.0431	0.8464	0.6773	0.3454
diabetes-risk		0.9053	0.0947	0.8476	0.6870	0.4576
diabetic		0.5395	0.3070	0.3761	0.0023	0.3590
diabetic1%		0.5588	0.2941	0.3545	0.0895	0.4869
diabetic10%		0.5776	0.2816	0.3794	0.1610	0.5258
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.7100	0.1160	0.6832	0.5873	0.3976
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5660	0.4340	0.5618	0.1221	0.9539
drebin		0.9645	0.0355	0.9629	0.9231	0.1437
dropout		0.7381	0.1746	0.6426	0.5606	0.5155
drug-01		0.3989	0.1717	0.1216	0.0067	0.3429
drug-02		0.5266	0.1353	0.1970	0.1153	0.4206
drug-03		0.7074	0.0836	0.1995	0.1210	0.2365
drug-04		0.5426	0.1307	0.2533	0.0762	0.3416
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.2417	0.2482	0.4785
drug-07		0.4362	0.1611	0.1920	0.0225	0.3161
drug-08		0.5798	0.1201	0.1962	0.1472	0.3270
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5479	0.1292	0.1482	0.1105	0.4072
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6117	0.1109	0.1652	0.1931	0.3237
drug-14		0.5851	0.1185	0.2659	0.2132	0.4306
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5691	0.1231	0.2392	0.2470	0.4538
drug-17		0.3617	0.1824	0.1303	0.1037	0.4588
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7606	0.0684	0.1234	-0.0134	0.2600
drybean		0.9339	0.0189	0.9456	0.9200	0.1092
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.5323	0.0585	0.5481	0.4813	0.5567
eeg-eye		0.9266	0.0734	0.9258	0.8516	0.3521
eeg10%		0.3926	0.0759	0.3831	0.3249	0.6270
email_phishing		0.9869	0.0131	0.6703	0.0225	0.0477
eucalyptus		0.6301	0.1479	0.6141	0.5293	0.4222
euthyroid		0.9778	0.0222	0.9353	0.8692	0.2252
exon.vs.intron-freq10%		0.8207	0.1793	0.8406	0.6333	0.4045
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.7874	0.2126	0.8052	0.5617	0.5191
fbis-wc		0.3171	0.0803	0.1580	0.1522	0.3331
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5882	0.4118	0.5799	0.1587	0.9396
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.7000	0.0750	0.3796	0.6117	0.1867
fonts10%		0.1332	0.0113	0.0343	0.0264	0.3394
forest		0.8846	0.0577	0.8587	0.8418	0.1766
gas		0.9914	0.0029	0.9922	0.9895	0.0170
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5937	0.2709	0.3695	0.1115	0.5094
gene		0.6625	0.2250	0.6652	0.3622	0.3138
german		0.7400	0.2600	0.6992	0.3516	0.6934
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.5101	0.4899	0.3378	0.0000	0.5269
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8095	0.0635	0.7265	0.7246	0.1432
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP		0.7619	0.2381	0.7158	0.4000	0.6957
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.4000	0.3000	0.1429	0.0000	0.3039
glioma-grade		0.8571	0.1429	0.8571	0.7108	0.5408
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.5241	0.2683	0.3763
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7000	0.3000	0.4118	-0.0630	0.7714
hapt		0.3266	0.1122	0.1931	0.1804	0.2930
har		0.9832	0.0067	0.9827	0.9787	0.0405

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har701%		0.9150	0.0243	0.5390	0.8746	0.1192
har7010%		0.9186	0.0233	0.6162	0.8795	0.1243
harth1%		0.8729	0.0212	0.5778	0.8264	0.1896
harth10%		0.8850	0.0192	0.6446	0.8429	0.1807
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.6129	0.3871	0.6688	0.2648	0.7088
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.9580	0.0420	0.9515	0.8992	0.1736
heart-quantum		0.8600	0.1400	0.8674	0.7200	0.4927
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.6769	0.3231	0.7082	0.3564	0.6884
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6664	0.3336	0.6639	0.3266	0.8609
higgs1%		0.5565	0.4435	0.5546	0.0681	0.8029
higher		0.2143	0.1964	0.0469	0.0000	0.3546
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.6250	0.3750	0.6468	0.2163	0.7161
hiv1-proteasa		0.9157	0.0843	0.8406	0.6734	0.4585
hiva		0.9669	0.0331	0.6916	0.1211	0.0993
horse		0.5556	0.2963	0.3582	0.0828	0.3773
hotel-reservartions		0.8727	0.1273	0.8521	0.6963	0.4927
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		1.0000	0.0000	1.0000	1.0000	0.0002
ht-sensor10%		0.9992	0.0005	0.9993	0.9989	0.0045
htru2		0.9793	0.0207	0.9351	0.8659	0.1634
hypothyroid		0.9682	0.0159	0.6585	0.7998	0.1882
hypothyroidT		0.9788	0.0212	0.9217	0.8405	0.2350
ilpd		0.6949	0.3051	0.5145	0.0148	0.7591
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9593	0.0203	0.9597	0.9458	0.0851
ionosphere		0.9429	0.0571	0.9404	0.8736	0.2987
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8099	0.1901	0.6014	0.0878	0.5396
jvowels		0.9980	0.0004	0.9975	0.9977	0.0037
kc1		0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot		0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.7706	0.0574	0.6761	0.7323	0.3146
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9962	0.0006	0.7776	0.9935	0.0043
kddcup9910%		0.9995	0.0001	0.8559	0.9992	0.0029
kepler		0.8201	0.1199	0.7635	0.6945	0.2828
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.8389	0.0179	0.8358	0.8201	0.1777
krvskp		0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc		0.3333	0.2222	0.2579	0.0558	0.3751

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
la2s-wc		0.3510	0.2163	0.2726	0.0835	0.3546
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.5882	0.0206	0.3572	0.5719	0.0802
led24		0.7000	0.0600	0.6724	0.6610	0.1227
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9810	0.0015	0.9808	0.9802	0.0232
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.8889	0.0148	0.9217	0.8806	0.0518
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.8899	0.1101	0.8819	0.7601	0.4482
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.7045	0.0537	0.4613	0.6209	0.3741
lrs		0.7925	0.0415	0.3419	0.7050	0.1672
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.2500	0.2143	0.0571	0.0000	0.3217
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure		0.9043	0.0957	0.9012	0.8006	0.4106
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.8790	0.1210	0.8652	0.7251	0.4780
malware		0.8378	0.1622	0.7040	0.2128	0.3145
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.8795	0.1205	0.7251	0.2748	0.2588
maternal		0.7624	0.1584	0.7683	0.6390	0.4619
math		0.4250	0.2875	0.1491	0.0000	0.3351
mba		0.8210	0.1194	0.3690	0.0759	0.3787
mental-disorders		0.0833	0.4583	0.0417	-0.2222	0.5853
mental-health		0.2200	0.3120	0.1233	0.0156	0.5427
messidor		0.6957	0.3043	0.6885	0.3765	0.8299
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9330	0.9241	0.0699
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou		0.7900	0.0420	0.7955	0.7667	0.1635
mfeat-kar		0.9550	0.0090	0.9587	0.9500	0.0530
mfeat-mor		0.7750	0.0450	0.7832	0.7500	0.1780
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.9050	0.0190	0.9083	0.8944	0.0829
mice-prot		0.9815	0.0046	0.9833	0.9788	0.0238
milk		0.9434	0.0377	0.9337	0.9131	0.1271
mines		0.7353	0.1059	0.7231	0.6678	0.2856
mobile		0.6853	0.0112	0.7516	0.6796	0.1330
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9672	0.0328	0.9637	0.9274	0.2074
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.3950	0.1100	0.4157	0.2323	0.5454
musk		0.9515	0.0485	0.9025	0.7983	0.2858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_ECFP2		0.8417	0.1583	0.8371	0.6743	0.5856
MUT_ci300400a_cdk_ECFP4		0.8455	0.1545	0.8415	0.6829	0.5775
MUT_ci300400a_cdk_ECFP6		0.7940	0.2060	0.7867	0.5647	0.6565
MUT_ci300400a_cdk_ESTATE		0.7746	0.2254	0.7655	0.5264	0.7049
MUT_ci300400a_cdk_EXTENDED		0.7974	0.2026	0.7947	0.5632	0.5929
MUT_ci300400a_cdk_FCFP2		0.8431	0.1569	0.8379	0.6753	0.5802
MUT_ci300400a_cdk_FCFP4		0.8213	0.1787	0.8153	0.6301	0.6269
MUT_ci300400a_cdk_FCFP6		0.8405	0.1595	0.8354	0.6706	0.5869
MUT_ci300400a_cdk_MACCS		0.8369	0.1631	0.8320	0.6639	0.5958
MUT_ci300400a_cdk_PUBCHEM		0.8910	0.1090	0.8875	0.7742	0.4575
MUT_ci300400a_cdk_STANDARD		0.7760	0.2240	0.7714	0.5157	0.6378
MUT_ci300400a_rdkit_descriptors		0.8546	0.1454	0.8534	0.7055	0.5517
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9727	0.0273	0.9727	0.9454	0.1687
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.1852	0.0317	0.0000	0.3342
ncRNA1%		0.9104	0.0094	0.5017	0.7352	0.1545
ncRNA10%		0.9185	0.0086	0.5504	0.7646	0.2761
neo		0.9111	0.0889	0.6696	0.2160	0.4140
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.1502	0.0386	0.1495	0.0883	0.3925
newspop		0.6408	0.3592	0.6374	0.2695	0.8802
NHANES_age_prediction		0.9824	0.0176	0.9680	0.9354	0.2100
nomao		0.9483	0.0517	0.9359	0.8705	0.2763
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		1.0000	0.0000	0.8000	1.0000	0.0000
obesity		0.8436	0.0447	0.8635	0.8175	0.1573
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9927	0.0073	0.9898	0.9795	0.0807
Occupancy_Estimation		0.9921	0.0039	0.9746	0.9760	0.0433
oh0-wc		0.1881	0.1624	0.0319	0.0014	0.3876
oh10-wc		0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc		0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc		0.1648	0.1670	0.0813	0.0127	0.3898
ohscal-wc		0.1461	0.1708	0.0255	0.0000	0.3953
olive		0.9298	0.0156	0.9246	0.9118	0.0478
opn310k		0.9116	0.0883	0.6302	0.1073	0.3727
opn310k10%		0.9123	0.0877	0.6241	0.1531	0.4837
opnat310k-hg16-17		0.9108	0.0892	0.6222	0.0865	0.3602
optdigits		0.9822	0.0036	0.9837	0.9802	0.0250
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr		0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6753	0.3247	0.6138	0.0680	0.5470
P-Glycoprotein_c_RDkit_AtomPair_FP		0.7222	0.2778	0.7679	0.4602	0.5502
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9634	0.0146	0.7876	0.7739	0.1978
parkinson		0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons		0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small		1.0000	0.0000	1.0000	1.0000	0.0000
particle		0.9147	0.0853	0.8942	0.7884	0.4326
particle10%		0.9054	0.0946	0.8812	0.7620	0.4539
pasture		0.5000	0.3333	0.5000	0.2000	0.3750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pc1			0.9369	0.0631	0.7116	0.2096	0.1619
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia			0.2353	0.2185	0.0544	0.0000	0.3686
pendigits			0.9964	0.0007	0.9964	0.9960	0.0071
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.6181	0.3819	0.3820	-0.0116	0.5814
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.7950	0.2050	0.7574	0.4999	0.6677
phishing			0.9755	0.0245	0.9744	0.9482	0.1381
PhiUSIIL			0.9923	0.0077	0.9922	0.9843	0.0487
PhiUSIIL10%			0.9656	0.0344	0.9657	0.9291	0.1487
phone-acc0.1%			0.8139	0.0532	0.7999	0.7823	0.1923
phone-acc1%			0.8307	0.0484	0.8203	0.8020	0.2020
phone-gyr0.1%			0.8342	0.0474	0.8217	0.8058	0.1963
phone-gyr1%			0.8699	0.0372	0.8615	0.8478	0.1746
phoneme			0.8852	0.1148	0.8558	0.7104	0.5099
phy			0.6990	0.3010	0.6990	0.3979	0.8223
pima			0.6974	0.3026	0.6719	0.3150	0.7801
pirvision			0.9993	0.0004	0.9989	0.9979	0.0116
placement			0.7790	0.2210	0.7710	0.5343	0.6881
plant-growth			0.6842	0.3158	0.6841	0.3596	0.8222
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5434	0.0913	0.1105	0.1293	0.2646
poker10%			0.5422	0.1144	0.2737	0.1335	0.3363
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9340	0.0660	0.6513	0.1856	0.4048
polya			0.6595	0.3405	0.6336	0.0628	0.4964
popularity			0.6608	0.2261	0.4718	0.1721	0.4486
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9866	0.0054	0.9863	0.9832	0.0343
pred-tox_mutagen_ref-desc			0.6471	0.3529	0.6481	0.2941	0.8778
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4545	0.0496	0.1895	0.3951	0.2017
processed			0.9501	0.0499	0.9424	0.8844	0.2729
profb			0.7164	0.2836	0.6476	0.2214	0.6914
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.9926	0.0030	0.9884	0.9900	0.0239
puc-rio10%			0.9879	0.0048	0.9793	0.9838	0.0375
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pulsar			0.9848	0.0152	0.9535	0.9050	0.1349
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%			0.2611	0.0279	0.0282	0.0283	0.2954
rcv110%			0.2737	0.0291	0.0546	0.0453	0.2950
re0-wc			0.4733	0.0810	0.2338	0.1796	0.3221
re1-wc			0.2892	0.0569	0.0884	0.0923	0.3150
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578			0.4819	0.0216	0.0765	0.0863	0.2092
rice			0.9852	0.0148	0.9850	0.9700	0.1013

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6575	0.3425	0.6360	0.2673	0.8743
RT_IOT2022			0.9953	0.0008	0.9528	0.9882	0.0103
satimage			0.9222	0.0259	0.9138	0.9041	0.1367
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9565	0.0435	0.8731	0.7428	0.3771
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5000	0.5000	0.5000	0.0000	0.9853
sclerosis			0.5556	0.4444	0.3571	0.0000	0.5164
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9437	0.0161	0.9497	0.9342	0.0708
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8763	0.1237	0.6772	0.0998	0.2600
sens-3-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9701	0.0054	0.9702	0.9671	0.0494
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8905	0.1095	0.7585	0.4777	0.5044
shuttle			0.9984	0.0004	0.8557	0.9956	0.0027
sick			0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9999	0.0001	0.9999	0.9998	0.0017
skin10%			0.9996	0.0004	0.9994	0.9988	0.0098
smarket			0.8400	0.1600	0.8404	0.6793	0.5777
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.7829	0.2171	0.7596	0.5007	0.6667
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7554	0.0815	0.6053	0.6851	0.1986
sonar			0.7000	0.3000	0.7521	0.4000	0.4882
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9505	0.0495	0.8406	0.6760	0.4302
spambase			0.9043	0.0957	0.8995	0.7969	0.4095
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer			0.4340	0.0236	0.1588	0.3995	0.1705
splice-EI			0.8297	0.1703	0.7658	0.4186	0.3364
splice-IE			0.8423	0.1577	0.7711	0.4329	0.3199
sport-articles			0.8600	0.1400	0.8575	0.7094	0.5386
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			0.6559	0.3441	0.6346	0.0388	0.4732
steel_industry			0.8790	0.0807	0.8493	0.8024	0.2717
steel-b			0.8821	0.1179	0.8108	0.6137	0.5418
steel-d			0.9949	0.0051	0.9553	0.9065	0.0226

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8308	0.1692	0.8091	0.6129	0.6066
steel-p			0.9333	0.0667	0.7250	0.3558	0.3699
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9125	0.8251	0.3478
stellar			0.9434	0.0377	0.9358	0.8989	0.1891
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8000	0.2000	0.7986	0.5970	0.6659
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5600	0.1760	0.2893	0.2551	0.4311
student-depression			0.8125	0.1875	0.8111	0.6197	0.6394
student-habits			0.3900	0.2440	0.1787	0.0177	0.3735
student-weekend			0.4308	0.2277	0.2776	0.1606	0.5329
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.5385	0.3077	0.5342	0.2778	0.6089
susy1%			0.8024	0.1976	0.8016	0.5973	0.6423
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5853	0.4147	0.6663	0.1707	0.5189
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn			0.7344	0.2656	0.5536	0.0050	0.4539
texture			0.9964	0.0007	0.9965	0.9960	0.0055
theorem			0.9902	0.0098	0.9899	0.9798	0.0734
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.2353	0.3824	0.0952	0.0000	0.4051
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7647	0.2353	0.7536	0.3929	0.4155
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1010	0.1369	0.0000	0.2028
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3871	0.1751	0.1368	0.0216	0.3088
trec41-wc			0.2841	0.1432	0.0446	0.0013	0.3310
trec45-wc			0.2319	0.1536	0.0381	0.0011	0.3641
tuandromd			0.9910	0.0090	0.9861	0.9722	0.0959
turkish			0.8250	0.0875	0.8595	0.7667	0.1348
tvnews			0.7368	0.2632	0.7217	0.3391	0.5383
tvnews1%			0.6462	0.3538	0.5988	0.0621	0.5874
tvnews10%			0.6561	0.3439	0.6143	0.0927	0.5966
ur3_cobotops_grip			0.9769	0.0231	0.7773	0.4755	0.2251
ur3_cobotops_stop			0.9701	0.0299	0.7314	0.3775	0.3176
urban			0.5373	0.1028	0.4300	0.4497	0.3121
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%			0.9524	0.0476	0.9465	0.8908	0.2292
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.8214	0.0893	0.7941	0.7590	0.1937
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.8605	0.1395	0.8674	0.7220	0.4811
vowel			0.6869	0.0569	0.7228	0.6556	0.1546
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17			0.9112	0.0888	0.6616	0.0428	0.2161
wap-wc			0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.1429	0.1714	0.0250	0.0000	0.3992
watch-acc1%			0.8452	0.0442	0.8427	0.8190	0.1929
watch-acc10%			0.8703	0.0371	0.8668	0.8482	0.1649
watch-gyr1%			0.8041	0.0560	0.8008	0.7712	0.2409
watch-gyr10%			0.8458	0.0441	0.8431	0.8199	0.2084
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8480	0.1013	0.8482	0.7720	0.3554
weather-related			0.9500	0.0091	0.9504	0.9433	0.0696
web-phishing			0.8741	0.0840	0.8181	0.7773	0.3744
Weekly			0.8611	0.1389	0.8595	0.7158	0.5215
weight-lift			0.9783	0.0087	0.9785	0.9726	0.0471
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9917	0.0083	0.9582	0.9156	0.2543
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.7170	0.0943	0.3615	0.5364	0.2980
winequality-white			0.6605	0.0970	0.3996	0.4673	0.3806
winnipeg10%			0.2642	0.2102	0.1859	0.0045	0.3351
wisc_bc			0.8421	0.1579	0.8623	0.6885	0.4416
yale			0.1250	0.1167	0.0148	0.0000	0.4006
yeast			0.5541	0.0892	0.3681	0.4221	0.3801
yeastCYT-POX			0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9459	0.0541	0.4861	-0.0120	0.5053
zip			0.6828	0.0634	0.7691	0.6448	0.1850

Table 234: Detailed results for SVM(Linear)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1535	0.0584	0.0801	0.0628	0.4370
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9817	0.0183	0.9614	0.9198	0.0692
adult		0.8460	0.1540	0.7729	0.5381	0.6242
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8889	0.1111	0.7333	0.3010	0.2451
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8545	0.1455	0.7898	0.5692	0.5881
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8733	0.1267	0.8708	0.7413	0.5067
alcohol		0.7333	0.1067	0.2432	0.3288	0.2489
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8512	0.1488	0.8349	0.6684	0.5717
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9513	0.0243	0.8474	0.9063	0.2045
anuran-genus		0.9722	0.0070	0.9398	0.9539	0.1006
anuran-species		0.9792	0.0042	0.9452	0.9710	0.0641
anxiety		0.1333	0.1926	0.0825	0.0168	0.6404
apple-quality		0.7225	0.2775	0.7233	0.4450	0.7864
aps-failure		0.9822	0.0178	0.6987	0.3807	0.4968
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9932	0.0068	0.7285	0.2565	0.0279
arcene		0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia		0.7556	0.0376	0.4630	0.5733	0.1836

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9020	0.0980	0.7387	0.3742	0.3680
audiology		0.7826	0.0181	0.3130	0.7478	0.0538
audit-risk		0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9500	0.0167	0.7933	0.9340	0.0386
avila		0.5597	0.0734	0.3425	0.3458	0.3424
babies		0.4355	0.1613	0.1402	0.0970	0.3740
balance		0.9194	0.0538	0.8845	0.8604	0.3020
bank		0.9053	0.0947	0.7226	0.4220	0.5712
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8963	0.1037	0.8868	0.7681	0.4193
basehock		0.9598	0.0402	0.9598	0.9196	0.2266
bio		0.9973	0.0027	0.9162	0.8232	0.1143
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0010	0.0342	0.0000	0.0117
body-perf		0.6373	0.1813	0.6361	0.5164	0.4935
bookings		0.9899	0.0068	0.7421	0.9785	0.0392
brain-tumor		0.4950	0.5050	0.4932	-0.0116	0.9532
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.7273	0.0909	0.6655	0.6667	0.1595
bridges		0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17		0.9090	0.0910	0.4762	-0.0002	0.2196
bub12at310k-hg16-17		0.9090	0.0910	0.4762	-0.0002	0.2196
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9023	0.0489	0.8794	0.7921	0.2580
car-insurance		0.8310	0.1690	0.8005	0.6004	0.6352
card		0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography		0.8357	0.0329	0.7888	0.8015	0.1710
cardiotocography-nsp		0.9014	0.0657	0.8169	0.7218	0.3412
cardiovascular		0.7238	0.2762	0.7253	0.4476	0.7807
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6500	0.2333	0.5477	0.4093	0.5694
cas_N6512_cdk_ECFP2		0.7512	0.2488	0.7492	0.4983	0.7494
cas_N6512_rdkit_ATOMPAIR		0.7415	0.2585	0.7394	0.4785	0.7638
cas_N6512_RDkit_AtomPair_FP		0.7454	0.2546	0.7431	0.4844	0.7543
cas_N6512_rdkit_AVALON		0.7819	0.2181	0.7806	0.5613	0.6986
cas_N6512_RDkit_Avalon_FP		0.8083	0.1917	0.8080	0.6155	0.6484
cas_N6512_rdkit_descriptors		0.7569	0.2431	0.7556	0.5112	0.7402
cas_N6512_rdkit_FEATMORGAN		0.7358	0.2642	0.7336	0.4670	0.7726
cas_N6512_RDkit_Featmorgan_FP		0.7730	0.2270	0.7716	0.5431	0.7139
cas_N6512_RDkit_FP		0.7270	0.2730	0.7244	0.4466	0.7810
cas_N6512_rdkit_LAYERED		0.7692	0.2308	0.7682	0.5364	0.7198
cas_N6512_RDkit_Layered_FP		0.7638	0.2362	0.7618	0.5230	0.7278
cas_N6512_rdkit_MACCS		0.7665	0.2335	0.7646	0.5262	0.7171
cas_N6512_RDkit_MACCS_FP		0.7699	0.2301	0.7693	0.5382	0.7181
cas_N6512_rdkit_MORGAN		0.7877	0.2123	0.7862	0.5698	0.6810

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_morgan_FP		0.7868	0.2132	0.7855	0.5710	0.6899
cas_N6512_rdkit_PATTERN		0.7954	0.2046	0.7940	0.5880	0.6743
cas_N6512_RDkit_pattern_FP		0.7899	0.2101	0.7891	0.5780	0.6839
cas_N6512_rdkit_RDKITFP		0.7404	0.2596	0.7383	0.4763	0.7653
cas_N6512_rdkit_TORSION		0.7338	0.2662	0.7321	0.4641	0.7757
ccds1%		0.9643	0.0357	0.6933	0.1289	0.1053
ccds10%		0.9643	0.0357	0.6708	0.2073	0.3113
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8187	0.1813	0.8020	0.6040	0.6491
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8080	0.5532	0.2040
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.4871	-0.0029	0.2827
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9502	0.0498	0.7256	0.4026	0.4453
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9419	0.0581	0.4850	-0.0190	0.5933
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8919	0.0540	0.8795	0.8381	0.2140
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.7775	0.5551	0.4850
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7474	0.2526	0.7229	0.4326	0.7421
circles		0.0100	0.0198	0.0002	0.0000	0.4019
cirrhosis		0.8095	0.1270	0.5548	0.6056	0.2977
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8037	0.0981	0.5639	0.6929	0.3116
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4898	0.3401	0.4573	0.1826	0.7389
cnae-9		0.9259	0.0165	0.9265	0.9167	0.0839
codon_usage		0.8903	0.0200	0.7386	0.8665	0.1984
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.8400	0.0213	0.7217	0.8231	0.0689
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6207	0.3793	0.3830	-0.0669	0.7895
colposcopies-2		0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3		0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4		0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7586	0.2414	0.5904	0.1288	0.7232
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.5145	0.4855	0.5068	0.0118	0.9513
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7692	0.2308	0.7693	0.5385	0.7187
coupon		0.6893	0.3107	0.6796	0.3570	0.8360
covtype10%		0.7243	0.0788	0.5382	0.5446	0.3434
covtypeCD		0.9513	0.0487	0.8934	0.7857	0.3712
covtypeT		0.9465	0.0535	0.7488	0.4375	0.3894
crabs		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8995	0.0335	0.6906	0.7863	0.2160
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4688	0.0266	0.3281	0.4533	0.0733
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1667	0.2778	0.0790	-0.0121	0.5263
cyclopentane		0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands		0.6481	0.3519	0.6350	0.2682	0.8851
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
day1%		0.9779	0.0221	0.9759	0.9517	0.1453
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7770	0.2230	0.5426	0.0142	0.5031
defect		0.8611	0.1389	0.7044	0.2071	0.2835
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8921	0.1079	0.6635	0.2430	0.5146
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9730	0.0090	0.9742	0.9663	0.0307
desharnais		0.7500	0.1667	0.5333	0.4074	0.2614
dexter		0.6667	0.3333	0.6670	0.3333	0.8597
df_final		0.8125	0.1250	0.8272	0.7108	0.2451
DIA		0.8000	0.2000	0.7183	0.2727	0.3632
diabetes		0.8462	0.1538	0.8375	0.6750	0.5822
diabetes-risk		0.8531	0.1469	0.7511	0.4780	0.5950
diabetic1%		0.5882	0.2745	0.3770	0.1690	0.4677
diabetic10%		0.5668	0.2888	0.3676	0.1235	0.5097
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.6707	0.1317	0.5802	0.5188	0.4048
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dorothea		0.9391	0.0609	0.8049	0.5993	0.4698
dota2		0.5988	0.4012	0.5956	0.1895	0.9276
dota210%		0.5689	0.4311	0.5648	0.1281	0.9517
drebin		0.9774	0.0226	0.9758	0.9515	0.1554
dropout		0.7675	0.1550	0.6834	0.6089	0.4601
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0976	0.0045	0.2956
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4362	0.1611	0.2067	0.2672	0.3893
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5745	0.1216	0.1987	0.0729	0.2576
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5585	0.1261	0.1583	0.1232	0.3470
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6117	0.1109	0.1777	0.2367	0.4021
drug-14		0.5957	0.1155	0.2340	0.2065	0.3758
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5798	0.1201	0.1767	0.2191	0.3070
drug-17		0.3670	0.1809	0.1341	0.1112	0.4330
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9273	0.0208	0.9400	0.9120	0.1187
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2300	0.3850	0.1957	-0.0305	0.7873
eeg		0.4168	0.0729	0.4578	0.3518	0.6043
eeg-eye		0.6355	0.3645	0.6279	0.2534	0.8944
eeg10%		0.3875	0.0766	0.4024	0.3169	0.5578
eucalyptus		0.6849	0.1260	0.6719	0.5952	0.3789
euthyroid		0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%		0.8945	0.1055	0.8954	0.7892	0.4416
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.8986	0.1014	0.8981	0.7958	0.4346
fbis-wc		0.8171	0.0215	0.7771	0.7904	0.1357
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.8470	0.0510	0.6710	0.7567	0.2463
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.6000	0.1000	0.3406	0.4754	0.2347
forest		0.9231	0.0385	0.9006	0.8941	0.1186
gas		0.9928	0.0024	0.9931	0.9913	0.0192
gastrointestinal		0.7500	0.1667	0.7508	0.6098	0.3946
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.9306	0.0463	0.9232	0.8897	0.1990
german		0.7500	0.2500	0.7146	0.3719	0.6479
gestures		0.2962	0.3519	0.2992	0.0613	0.8101
gina		0.8876	0.1124	0.8877	0.7750	0.4651
gisette		0.9714	0.0286	0.9714	0.9429	0.1749
glass		0.6667	0.1111	0.5168	0.5116	0.2711
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP		0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.2667	0.3667	0.2196	-0.0248	0.5971
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9625	0.0063	0.8565	0.9557	0.0550
har		0.8165	0.0734	0.8067	0.7671	0.3127
har701%		0.7752	0.0642	0.3991	0.6337	0.1265
harth1%		0.6799	0.0533	0.2578	0.5429	0.1900
hayes-roth		0.3750	0.4167	0.3972	0.0303	0.7342
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8480	0.1520	0.8230	0.6460	0.5995

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.8365	0.1635	0.8365	0.6729	0.5907
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6627	0.3373	0.6602	0.3162	0.8587
higgs1%		0.6415	0.3585	0.6395	0.2672	0.8638
higher		0.2143	0.1964	0.0469	0.0128	0.3668
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9342	0.0658	0.8800	0.7588	0.4162
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5833	0.2778	0.3968	0.2163	0.5743
hotel-reservartions		0.8159	0.1841	0.7838	0.5614	0.6459
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.5873	0.2751	0.5912	0.3794	0.6400
htru2		0.9788	0.0212	0.9333	0.8627	0.1775
hypothyroid		0.9655	0.0172	0.6354	0.7729	0.1281
hypothyroidT		0.9629	0.0371	0.8555	0.6642	0.1117
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9527	0.0237	0.9531	0.9369	0.0955
ionosphere		0.8857	0.1143	0.8642	0.7211	0.4596
iris		0.8667	0.0889	0.8500	0.7973	0.2122
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9384	0.0047	0.9392	0.9359	0.0540
jm1		0.8081	0.1919	0.5905	0.0638	0.5197
jvowels		0.9588	0.0091	0.9567	0.9533	0.0676
kc1		0.8673	0.1327	0.7118	0.2315	0.2755
kc1-class-level-defectiveornot		0.8667	0.1333	0.8696	0.7059	0.3322
kc1-class-level-numericdefect		0.6429	0.0298	0.0738	0.1860	0.1947
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6081	0.1734	0.7219
kdc-4007		0.8454	0.0387	0.7401	0.8196	0.2351
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9982	0.0002	0.4546	0.9969	0.0105
kddcup9910%		0.9993	0.0001	0.6254	0.9989	0.0243
kepler		0.8797	0.0802	0.8383	0.8012	0.2121
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.2934	0.0785	0.2051	0.1879	0.4561
krvskp		0.9624	0.0376	0.9627	0.9247	0.2102
la1s-wc		0.8603	0.0466	0.8333	0.8233	0.2325
la2s-wc		0.8874	0.0375	0.8711	0.8581	0.2109
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6471	0.0176	0.3792	0.6314	0.0695
led24		0.7000	0.0600	0.6650	0.6610	0.1248
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.8580	0.0109	0.8577	0.8522	0.1525
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.9444	0.0074	0.9583	0.9403	0.0273
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7598	0.5182	0.7036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
loan		0.9274	0.0726	0.9224	0.8445	0.3532
localization10%		0.1650	0.1518	0.0258	0.0000	0.3230
lrs		0.7358	0.0528	0.3731	0.6297	0.1575
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.9043	0.0957	0.9033	0.8050	0.4227
madelon		0.5500	0.4500	0.5511	0.1000	0.9587
magic04		0.7822	0.2178	0.7528	0.4978	0.7013
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8646	0.1354	0.8640	0.7277	0.5259
marketing		0.9018	0.0982	0.7767	0.4952	0.4071
maternal		0.6337	0.2442	0.6420	0.4358	0.5425
math		0.8250	0.0875	0.8178	0.7252	0.2331
mba		0.8371	0.1086	0.3965	0.1076	0.3204
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.1667	0.3333	0.1475	-0.0442	0.8107
messidor		0.7217	0.2783	0.7220	0.4416	0.7856
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9571	0.9227	0.0673
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9800	0.0040	0.9804	0.9778	0.0253
mfeat-fou		0.8400	0.0320	0.8437	0.8222	0.1411
mfeat-kar		0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-mor		0.7250	0.0550	0.7275	0.6944	0.2007
mfeat-pix		0.9850	0.0030	0.9856	0.9833	0.0163
mfeat-zer		0.8850	0.0230	0.8895	0.8722	0.1045
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9434	0.0377	0.9445	0.9139	0.1487
mines		0.5000	0.2000	0.4355	0.3738	0.4046
mobile		0.8497	0.0054	0.8614	0.8469	0.0699
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4856	0.0935	0.4945	0.3756	0.5307
musk		0.9409	0.0591	0.8798	0.7394	0.2589
MUT_ci300400a_cdk_ECFP2		0.8010	0.1990	0.7939	0.5867	0.6660
MUT_ci300400a_cdk_ECFP4		0.8108	0.1892	0.8048	0.6095	0.6498
MUT_ci300400a_cdk_ECFP6		0.7629	0.2371	0.7536	0.5046	0.7303
MUT_ci300400a_cdk_ESTATE		0.6847	0.3153	0.6845	0.3658	0.8304
MUT_ci300400a_cdk_EXTENDED		0.8141	0.1859	0.8075	0.6139	0.6394
MUT_ci300400a_cdk_FCFP2		0.7760	0.2240	0.7694	0.5388	0.7137
MUT_ci300400a_cdk_FCFP4		0.7866	0.2134	0.7786	0.5557	0.6914
MUT_ci300400a_cdk_FCFP6		0.7914	0.2086	0.7850	0.5699	0.6866
MUT_ci300400a_cdk_MACCS		0.7590	0.2410	0.7491	0.4943	0.7339
MUT_ci300400a_cdk_PUBCHEM		0.8359	0.1641	0.8301	0.6584	0.5911
MUT_ci300400a_cdk_STANDARD		0.7880	0.2120	0.7808	0.5613	0.6920
MUT_ci300400a_rdkit_descriptors		0.7882	0.2118	0.7825	0.5645	0.6901

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
myocardial			0.8765	0.0309	0.2785	0.3554	0.1020
naticusdroid			0.9560	0.0440	0.9561	0.9120	0.2414
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.5000	0.1111	0.2917	0.4194	0.1042
ncRNA1%			0.8829	0.0123	0.2473	0.6295	0.1823
neo			0.8954	0.1046	0.5396	0.0360	0.5382
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.8162	0.0084	0.8051	0.8102	0.1477
newspop			0.6456	0.3544	0.6426	0.2841	0.8842
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9460	0.0540	0.9337	0.8674	0.3140
NPHA-doctor-visits			0.5278	0.3148	0.2303	0.0000	0.3630
nursery			0.9352	0.0259	0.7139	0.9047	0.1182
obesity			0.9431	0.0162	0.9427	0.9336	0.0856
obs			0.8519	0.0741	0.8922	0.7745	0.1741
occupancy			0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation			0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc			0.8119	0.0376	0.7913	0.7841	0.1843
oh10-wc			0.6952	0.0610	0.6927	0.6525	0.2786
oh15-wc			0.6739	0.0652	0.6339	0.6304	0.3257
oh5-wc			0.7802	0.0440	0.7807	0.7524	0.2218
ohscal-wc			0.7384	0.0523	0.7260	0.7070	0.3424
olive			0.9474	0.0117	0.9385	0.9343	0.0333
opn310k			0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%			0.9104	0.0896	0.4765	-0.0019	0.2753
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.9769	0.0046	0.9782	0.9743	0.0339
optdigitsZ			0.9964	0.0036	0.9889	0.9776	0.0175
orl			1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8660	0.1340	0.8507	0.7015	0.5477
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants			0.9952	0.0048	0.6446	0.2089	0.3604
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9708	0.0117	0.7052	0.8118	0.0367
parkinson			0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons			0.7962	0.2038	0.7894	0.5764	0.6772
parkinsons-small			0.8947	0.1053	0.8643	0.7286	0.5039
particle			0.8967	0.1033	0.8693	0.7372	0.4744
particle10%			0.8700	0.1300	0.8342	0.6655	0.5462
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5773	0.4227	0.5083	0.0059	0.7361
pcos			0.9933	0.0067	0.9896	0.9789	0.0328
pd			0.9079	0.0921	0.8752	0.7500	0.4624
pediatric-leukemia			0.8235	0.0504	0.8017	0.7818	0.1539
pendigits			0.9827	0.0035	0.9830	0.9808	0.0295
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.8163	0.1837	0.8011	0.5994	0.6385
personalities			0.9575	0.0053	0.9576	0.9547	0.0728
pet-adoption			0.9000	0.1000	0.8881	0.7570	0.3198
phishing			0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
phone-acc0.1%			0.3737	0.1790	0.3476	0.2686	0.5412
phone-acc1%			0.3790	0.1774	0.3113	0.2655	0.4715
phone-gyr0.1%			0.2498	0.2143	0.1491	0.1321	0.4007
phone-gyr1%			0.3650	0.1814	0.3552	0.2442	0.3648
phoneme			0.7722	0.2278	0.7047	0.4050	0.7561
phy			0.7038	0.2962	0.7038	0.4076	0.8161
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.9902	0.0065	0.9828	0.9689	0.0622
placement			0.7920	0.2080	0.7867	0.5734	0.6850
plant-growth			0.4737	0.5263	0.3214	0.0000	0.5305
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.4995	0.1001	0.0666	0.0000	0.1727
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7892	0.2108	0.7641	0.5225	0.6907
popularity			0.5453	0.3032	0.4018	0.1864	0.4581
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8722	0.0511	0.8730	0.8402	0.2135
pred-tox_mutagen_ref-desc			0.7059	0.2941	0.7073	0.4118	0.8058
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.4545	0.0496	0.2300	0.3939	0.1927
profb			0.7313	0.2687	0.6689	0.2923	0.7269
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.8646	0.0541	0.8239	0.8178	0.2235
puc-rio10%			0.8727	0.0509	0.8268	0.8288	0.2213
pufs-1281%			0.4928	0.5072	0.4926	-0.0144	0.9943
pufs-641%			0.4975	0.5025	0.4975	-0.0051	1.0000
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9333	0.0667	0.9333	0.8667	0.3271
rcv11%			0.8722	0.0048	0.4549	0.8582	0.1219
rcv110%			0.9126	0.0033	0.6923	0.9028	0.1638
re0-wc			0.8267	0.0267	0.7833	0.7675	0.2301
re1-wc			0.7048	0.0236	0.5064	0.6604	0.2224
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8795	0.0037	0.3516	0.8349	0.1580
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6241	0.3759	0.5963	0.1861	0.9058
RT_IOT2022			0.9931	0.0012	0.7894	0.9827	0.0115
satimage			0.8647	0.0451	0.8360	0.8326	0.1959
satimageF			0.9860	0.0140	0.9632	0.9255	0.1348
satimageT			0.9020	0.0980	0.6685	0.0540	0.2209
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6471	0.3529	0.6838	0.2941	0.6910
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.8854	0.1146	0.8840	0.7681	0.4757
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9524	0.0136	0.9569	0.9443	0.0630
segmentation			0.8267	0.1733	0.8065	0.6039	0.6005
segmentO			0.9957	0.0043	0.9916	0.9830	0.0885

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8583	0.1417	0.4619	-0.0151	0.5050
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8632	0.1368	0.5547	0.0445	0.5361
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8605	0.1395	0.4625	-0.0151	0.5048
sens-7-gram			0.8684	0.1316	0.6013	0.1055	0.5237
sens-8-gram			0.8632	0.1368	0.5688	0.0697	0.5660
sens-9-gram			0.8658	0.1342	0.5694	0.0500	0.4928
sensorless			0.9244	0.0137	0.9246	0.9169	0.0831
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8775	0.1225	0.7206	0.3685	0.4936
shuttle			0.9669	0.0095	0.5126	0.9047	0.0845
sick			0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9249	0.0751	0.8902	0.7792	0.4511
skin10%			0.9212	0.0788	0.8813	0.7625	0.4578
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.3400	0.3300	0.3234	0.1167	0.7203
smk_can_187			0.8421	0.1579	0.8427	0.6816	0.5635
smoking			0.7412	0.2588	0.7188	0.4372	0.7788
soil_pollution			0.2433	0.3027	0.2148	0.0475	0.6709
solar-flare			0.7482	0.0839	0.5770	0.6752	0.1759
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9420	0.0580	0.8052	0.5956	0.4472
spambase			0.9174	0.0826	0.9136	0.8243	0.3603
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.6415	0.0149	0.2660	0.6201	0.1012
splice-EI			0.9621	0.0379	0.9509	0.9013	0.2711
splice-IE			0.8644	0.1356	0.8149	0.6296	0.6017
sport-articles			0.8100	0.1900	0.7926	0.5658	0.6019
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7637	0.1575	0.7145	0.6166	0.4596
steel-b			0.8000	0.2000	0.6243	0.1231	0.5404
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.7590	0.2410	0.7219	0.4110	0.6894
steel-p			0.9231	0.0769	0.6783	0.3135	0.5446
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9125	0.8251	0.3478
stellar			0.9662	0.0225	0.9610	0.9396	0.1144
stock			0.8819	0.1181	0.7767	0.5222	0.5108
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8060	0.1940	0.8038	0.6076	0.6555
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6400	0.1440	0.3595	0.3954	0.3717
student-depression			0.8323	0.1677	0.8259	0.6505	0.6009
student-habits			0.3700	0.2520	0.1373	-0.0138	0.3960
student-weekend			0.3846	0.2462	0.1737	0.1074	0.5148
student-workday			0.6875	0.1250	0.1630	-0.0248	0.2966
studentap			0.3846	0.4103	0.2968	0.0545	0.6172

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
susy1%			0.7930	0.2070	0.7926	0.5773	0.6546
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn			0.9048	0.0952	0.8760	0.7514	0.4622
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.6769	0.3239	0.4864
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9095	0.0905	0.8800	0.7598	0.4711
tis10%			0.8358	0.1642	0.7637	0.5185	0.6401
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.9412	0.0294	0.9478	0.9209	0.0644
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7200	0.2800	0.4186	-0.0736	0.7975
trec11-wc			0.8780	0.0271	0.6931	0.8477	0.0688
trec12-wc			0.9032	0.0242	0.9196	0.8821	0.0667
trec21-wc			0.9091	0.0303	0.4516	0.7946	0.0711
trec23-wc			0.6190	0.1270	0.5544	0.4862	0.3794
trec31-wc			0.9570	0.0123	0.7974	0.9432	0.1098
trec41-wc			0.8295	0.0341	0.6769	0.7885	0.1626
trec45-wc			0.7391	0.0522	0.6943	0.6945	0.2383
tuandromd			0.9731	0.0269	0.9577	0.9151	0.1965
turkish			0.8000	0.1000	0.8033	0.7333	0.2058
tvnews1%			0.9385	0.0615	0.9336	0.8667	0.3108
tvnews10%			0.8967	0.1033	0.8878	0.7737	0.4401
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8209	0.0398	0.8308	0.7894	0.1388
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
url-rep1%			0.9850	0.0150	0.9831	0.9662	0.1108
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9910	0.0090	0.7239	0.2833	0.1224
vehicle			0.7738	0.1131	0.7521	0.6973	0.1905
vehicleVAN			0.9643	0.0357	0.9519	0.9032	0.2250
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5657	0.0790	0.6062	0.5222	0.2282
vowelZ			0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.8333	0.0167	0.6509	0.8139	0.1154
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.1830	0.2334	0.0864	0.0060	0.4479
watch-gyr1%			0.2243	0.2216	0.0986	0.0795	0.4211
water_pollution			0.2267	0.3867	0.1509	-0.0333	0.5926
waveform			0.8420	0.1053	0.8420	0.7630	0.3654
weather-related			0.9769	0.0042	0.9791	0.9738	0.0326
web-phishing			0.8000	0.1333	0.5528	0.6250	0.4126
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.6724	0.1311	0.6661	0.5875	0.4797
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9689	0.0311	0.8080	0.5799	0.3137
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5723	0.1426	0.2112	0.2753	0.3287
winequality-white			0.5092	0.1402	0.2026	0.1772	0.3910
winnipeg			0.9935	0.0019	0.9930	0.9918	0.0185
winnipeg10%			0.9917	0.0024	0.9936	0.9895	0.0182
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.5270	0.0946	0.3364	0.3894	0.3422
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9495	0.0101	0.9450	0.9434	0.0821

Table 235: Detailed results for SVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0024	0.0688	0.0002	0.0000	0.3628
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5525	0.1000	0.9473
ads		0.9848	0.0152	0.9679	0.9350	0.1232
adult		0.8458	0.1542	0.7728	0.5379	0.6252
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8545	0.1455	0.7898	0.5692	0.5881
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8733	0.1267	0.8708	0.7413	0.5066
alcohol		0.7048	0.1181	0.3041	0.1764	0.2180
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8419	0.1581	0.8239	0.6456	0.5899
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9903	0.0049	0.9556	0.9814	0.0251
anuran-genus		0.9903	0.0024	0.9803	0.9840	0.0210
anuran-species		0.9847	0.0031	0.9758	0.9787	0.0290
anxiety		0.1000	0.2000	0.0586	-0.0198	0.6949
apple-quality		0.7275	0.2725	0.7281	0.4550	0.7802
aps-failure		0.9826	0.0174	0.7029	0.3863	0.4852
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9932	0.0068	0.7285	0.2565	0.0279
arcene		0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia		0.6667	0.0513	0.2754	0.3686	0.2444

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9510	0.0490	0.8822	0.7555	0.3182
audiology		0.6957	0.0254	0.3026	0.6492	0.0920
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.7983	0.0336	0.7752	0.7291	0.2646
babies		0.3790	0.1774	0.1049	-0.0110	0.3304
balance		0.9032	0.0645	0.6228	0.8178	0.1771
bank		0.9124	0.0876	0.7469	0.4728	0.5423
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8963	0.1037	0.8868	0.7681	0.4193
basehock		0.9598	0.0402	0.9598	0.9196	0.2266
bio		0.9973	0.0027	0.9162	0.8232	0.1143
bio10%		0.9959	0.0041	0.8698	0.7253	0.2186
biodeg		0.8952	0.1048	0.8885	0.7768	0.4558
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5724	0.2138	0.5529	0.4299	0.5155
bookings		0.9898	0.0068	0.7361	0.9783	0.0490
brain-tumor		0.4960	0.5040	0.4945	-0.0095	0.9568
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.8182	0.0606	0.7059	0.7755	0.0848
bridges		0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17		0.8988	0.1012	0.6682	0.3339	0.6625
bub12at310k-hg16-17		0.9089	0.0911	0.4761	-0.0004	0.2278
bub8at310k-hg16-17		0.8722	0.1278	0.6635	0.3221	0.6743
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9828	0.0086	0.9710	0.9631	0.0552
car-insurance		0.8320	0.1680	0.8019	0.6031	0.6332
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.8404	0.0319	0.8186	0.8078	0.1814
cardiotocography-nsp		0.9061	0.0626	0.8195	0.7281	0.2738
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7750	0.1500	0.7040	0.5969	0.3772
cas_N6512_cdk_ECFP2		0.7849	0.2151	0.7837	0.5674	0.6932
cas_N6512_rdkit_ATOMPAIR		0.7677	0.2323	0.7657	0.5303	0.7201
cas_N6512_RDkit_AtomPair_FP		0.7485	0.2515	0.7464	0.4896	0.7463
cas_N6512_rdkit_AVALON		0.7819	0.2181	0.7806	0.5613	0.6986
cas_N6512_RDkit_Avalon_FP		0.8067	0.1933	0.8064	0.6123	0.6516
cas_N6512_rdkit_descriptors		0.7938	0.2062	0.7936	0.5866	0.6754
cas_N6512_rdkit_FEATMORGAN		0.7849	0.2151	0.7835	0.5670	0.6933
cas_N6512_RDkit_Featmorgan_FP		0.8067	0.1933	0.8054	0.6108	0.6528
cas_N6512_RDkit_FP		0.7439	0.2561	0.7417	0.4829	0.7598
cas_N6512_rdkit_LAYERED		0.7800	0.2200	0.7802	0.5594	0.6987
cas_N6512_RDkit_Layered_FP		0.7684	0.2316	0.7665	0.5324	0.7203
cas_N6512_rdkit_MACCS		0.8126	0.1874	0.8111	0.6212	0.6382
cas_N6512_RDkit_MACCS_FP		0.8021	0.1979	0.8026	0.6039	0.6576
cas_N6512_rdkit_MORGAN		0.8046	0.1954	0.8031	0.6053	0.6543
cas_N6512_RDkit_morgan_FP		0.8190	0.1810	0.8177	0.6354	0.6282

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_PATTERN		0.7954	0.2046	0.7940	0.5880	0.6743
cas_N6512_RDkit_pattern_FP		0.7899	0.2101	0.7891	0.5780	0.6839
cas_N6512_rdkit_RDKITFP		0.7650	0.2350	0.7634	0.5267	0.7272
cas_N6512_rdkit_TORSION		0.7831	0.2169	0.7821	0.5641	0.6962
ccds1%		0.9643	0.0357	0.6933	0.1289	0.1053
ccds10%		0.9556	0.0444	0.5991	0.1709	0.5689
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7979	0.2021	0.7865	0.5702	0.6788
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8094	0.5869	0.3207
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.4871	-0.0029	0.2827
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9502	0.0498	0.7249	0.3984	0.4399
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8341	0.0830	0.7509	0.7468	0.2111
chrom19		0.9995	0.0005	0.8619	0.7175	0.2940
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7970	0.2030	0.5852	0.0722	0.5694
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7053	0.2947	0.6760	0.3455	0.8195
circles		0.3770	0.0125	0.3716	0.3707	0.1683
cirrhosis		0.8095	0.1270	0.5511	0.6199	0.3326
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8741	0.0630	0.8073	0.8040	0.2509
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4881	0.1807	0.6684
cnae-9		0.9444	0.0123	0.9471	0.9375	0.0575
codon_usage		0.9386	0.0112	0.7978	0.9254	0.1297
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.6200	0.0507	0.5017	0.5780	0.1905
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5271	0.0478	0.9158
colposcopies-2		0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3		0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4		0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5		0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.5136	0.4864	0.5046	0.0076	0.9342
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7716	0.2284	0.7716	0.5432	0.7149
coupon		0.7666	0.2334	0.7602	0.5182	0.7228
covtype10%		0.7077	0.0835	0.4562	0.5159	0.3412
covtypeCD		0.9901	0.0099	0.9787	0.9572	0.0964
covtypeT		0.9849	0.0151	0.9401	0.8791	0.2052
crabs		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
creditcard_trans		0.9992	0.0008	0.8606	0.6996	0.1818
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9622	0.0126	0.8884	0.9225	0.1474
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.2500	0.0375	0.1673	0.2328	0.1551
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1600	0.2800	0.1241	-0.0145	0.7184
cyclopentane		0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands		0.6481	0.3519	0.6350	0.2682	0.8851
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1046	0.1791	0.1029	0.0033	0.6533
day1%		0.9816	0.0184	0.9800	0.9601	0.1316
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8240	0.1760	0.7071	0.3663	0.6168
defect		0.8889	0.1111	0.7718	0.4273	0.2489
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8921	0.1079	0.6635	0.2430	0.5146
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4333	0.2941	0.4371
dexter		0.8333	0.1667	0.8459	0.6667	0.4958
df_final		0.8125	0.1250	0.8272	0.7108	0.2451
DIA		0.7667	0.2333	0.7029	0.4043	0.7642
diabetes		0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-100k		0.9568	0.0432	0.8478	0.6857	0.3761
diabetic		0.5673	0.2885	0.3666	0.1050	0.4746
diabetic1%		0.5588	0.2941	0.3546	0.0648	0.4110
diabetic10%		0.5776	0.2816	0.3798	0.1596	0.5162
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9333	0.0333	0.9010	0.9065	0.0662
diamonds_all		0.4381	0.2248	0.4292	0.2725	0.4230
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9391	0.0609	0.8049	0.5993	0.4698
dota210%		0.5660	0.4340	0.5619	0.1225	0.9543
drebin		0.9787	0.0213	0.9772	0.9543	0.1462
dropout		0.7562	0.1625	0.6630	0.5843	0.4596
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1475	0.0283	0.2379
drug-04		0.5266	0.1353	0.1003	0.0175	0.3423
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.2239	0.2397	0.4155
drug-07		0.4255	0.1641	0.1288	-0.0061	0.2922
drug-08		0.5691	0.1231	0.2154	0.0639	0.2696
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5479	0.1292	0.1507	0.0294	0.3107
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6011	0.1140	0.1580	0.1275	0.3166
drug-14		0.5745	0.1216	0.1908	0.1565	0.4102
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-16		0.5266	0.1353	0.1251	0.0504	0.3132
drug-17		0.3511	0.1854	0.1274	0.0599	0.4308
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7660	0.0669	0.1239	-0.0077	0.2153
drybean		0.9324	0.0193	0.9446	0.9182	0.1128
ecoli		0.8235	0.0441	0.5245	0.7536	0.1141
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2217	0.0084	0.7029
eeg		0.2252	0.0969	0.2260	0.1136	0.5544
eeg-eye		0.8965	0.1035	0.8954	0.7907	0.4437
eeg10%		0.3706	0.0787	0.3166	0.2961	0.5619
eucalyptus		0.6301	0.1479	0.5833	0.5173	0.3657
euthyroid		0.9620	0.0380	0.8843	0.7575	0.2774
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.9082	0.0918	0.9083	0.8147	0.3954
fbis-wc		0.8537	0.0172	0.8323	0.8337	0.1220
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8431	0.1569	0.8415	0.6808	0.5690
financial-risk		0.7535	0.0822	0.4873	0.5789	0.2276
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.7500	0.0625	0.4052	0.6743	0.1473
forest		0.9038	0.0481	0.8977	0.8672	0.1496
gas		0.9950	0.0017	0.9951	0.9939	0.0139
gastrointestinal		0.7500	0.1667	0.7350	0.5762	0.3954
gender		0.5874	0.2751	0.3318	0.0013	0.3638
gene		0.9369	0.0421	0.9266	0.8988	0.1890
german		0.7500	0.2500	0.7146	0.3719	0.6479
gestures		0.3587	0.3206	0.3684	0.1444	0.7418
gina		0.9510	0.0490	0.9510	0.9020	0.2620
gisette		0.9743	0.0257	0.9743	0.9486	0.1615
glass		0.7619	0.0794	0.7125	0.6591	0.2085
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP		0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4000	0.3000	0.3415	0.1615	0.5257
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7000	0.3000	0.4118	-0.0630	0.7714
hapt		0.9643	0.0059	0.8763	0.9578	0.0550
har		0.7350	0.1060	0.7255	0.6630	0.4059
har701%		0.9111	0.0254	0.5364	0.8687	0.1117
harth1%		0.6556	0.0574	0.2404	0.5031	0.2190
hayes-roth		0.6875	0.2083	0.7253	0.5000	0.4011
hcc-survival		0.5882	0.4118	0.5662	0.1314	0.9439
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8387	0.1613	0.8369	0.6723	0.5819

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8500	0.1500	0.8250	0.6500	0.5946
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6664	0.3336	0.6639	0.3266	0.8609
higgs1%		0.6459	0.3541	0.6435	0.2780	0.8659
higher		0.2857	0.1786	0.1705	0.1083	0.3415
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9342	0.0658	0.8800	0.7588	0.4162
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6111	0.2593	0.4206	0.2632	0.4986
hotel-reservartions		0.8189	0.1811	0.7882	0.5720	0.6445
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.9992	0.0005	0.9993	0.9989	0.0045
htru2		0.9799	0.0201	0.9370	0.8707	0.1738
hypothyroid		0.9337	0.0332	0.5130	0.5061	0.2414
hypothyroidT		0.9788	0.0212	0.9211	0.8289	0.0734
ilpd		0.7288	0.2712	0.6560	0.0817	0.4230
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9447	0.0277	0.9451	0.9262	0.1101
ionosphere		0.9143	0.0857	0.9146	0.8148	0.3671
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9204	0.0061	0.9210	0.9172	0.0739
jm1		0.8136	0.1864	0.6206	0.1556	0.6086
jvowels		0.9880	0.0027	0.9880	0.9864	0.0210
kc1		0.8483	0.1517	0.6615	0.0501	0.2969
kc1-class-level-defectiveornot		0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect		0.5714	0.0357	0.0526	0.2364	0.1779
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6501	0.2145	0.6041
kdc-4007		0.7207	0.0698	0.7144	0.6864	0.2443
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9968	0.0005	0.7334	0.9945	0.0137
kddcup9910%		0.9989	0.0001	0.8037	0.9982	0.0389
kepler		0.8619	0.0921	0.8148	0.7717	0.2307
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.7205	0.0311	0.6855	0.6872	0.2722
krvskp		0.9937	0.0063	0.9937	0.9874	0.0522
la1s-wc		0.8857	0.0381	0.8670	0.8563	0.2138
la2s-wc		0.8940	0.0353	0.8724	0.8657	0.1805
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.1765	0.0412	0.0933	0.1656	0.2730
led24		0.7000	0.0600	0.6724	0.6610	0.1227
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9600	0.0031	0.9603	0.9584	0.0469
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.9167	0.0111	0.9333	0.9107	0.0376
linkage		1.0000	0.0000	0.9994	0.9988	0.0029
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.9227	0.0773	0.9173	0.8341	0.3661
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.6711	0.0598	0.3934	0.5749	0.3751
lrs		0.8679	0.0264	0.4478	0.8162	0.0771
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.7778	0.2222	0.7750	0.5500	0.7072
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.8723	0.1277	0.8685	0.7371	0.5135
madelon		0.6115	0.3885	0.6133	0.2231	0.9083
magic04		0.8664	0.1336	0.8514	0.7016	0.5341
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8432	0.6850	0.5699
marketing		0.8929	0.1071	0.7519	0.4309	0.4261
maternal		0.6436	0.2376	0.6486	0.4511	0.5561
math		0.7500	0.1250	0.7463	0.6040	0.2915
mba		0.8194	0.1204	0.4335	0.2892	0.3917
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2067	0.3173	0.1197	-0.0011	0.6041
messidor		0.7304	0.2696	0.7298	0.4578	0.7758
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6111	0.1944	0.5965	0.4545	0.2385
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.9750	0.0050	0.9756	0.9722	0.0290
mfeat-fou		0.8250	0.0350	0.8266	0.8056	0.1644
mfeat-kar		0.9700	0.0060	0.9701	0.9667	0.0380
mfeat-mor		0.7450	0.0510	0.7278	0.7167	0.1642
mfeat-pix		0.9850	0.0030	0.9856	0.9833	0.0163
mfeat-zer		0.8650	0.0270	0.8643	0.8500	0.0743
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8774	0.0818	0.8865	0.8158	0.2482
mines		0.5588	0.1765	0.5327	0.4463	0.4018
mobile		0.7133	0.0102	0.7091	0.7081	0.1247
monks-1		0.9818	0.0182	0.9821	0.9636	0.1023
monks-2		0.9344	0.0656	0.9274	0.8548	0.3422
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4211	0.1053	0.4279	0.2703	0.5133
musk		0.9985	0.0015	0.9971	0.9942	0.0091
MUT_ci300400a_cdk_ECFP2		0.8237	0.1763	0.8183	0.6365	0.6237
MUT_ci300400a_cdk_ECFP4		0.8575	0.1425	0.8534	0.7067	0.5496
MUT_ci300400a_cdk_ECFP6		0.8216	0.1784	0.8156	0.6307	0.6263
MUT_ci300400a_cdk_ESTATE		0.7830	0.2170	0.7744	0.5442	0.6898
MUT_ci300400a_cdk_EXTENDED		0.8381	0.1619	0.8328	0.6651	0.5913
MUT_ci300400a_cdk_FCFP2		0.8491	0.1509	0.8439	0.6868	0.5638
MUT_ci300400a_cdk_FCFP4		0.8381	0.1619	0.8329	0.6654	0.5918
MUT_ci300400a_cdk_FCFP6		0.8249	0.1751	0.8197	0.6394	0.6215
MUT_ci300400a_cdk_MACCS		0.8405	0.1595	0.8355	0.6709	0.5873
MUT_ci300400a_cdk_PUBCHEM		0.8707	0.1293	0.8664	0.7324	0.5140

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
MUT_ci300400a_cdk_STANDARD		0.8240	0.1760	0.8185	0.6368	0.6233
MUT_ci300400a_rdkit_descriptors		0.8145	0.1855	0.8092	0.6170	0.6366
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9697	0.0303	0.9697	0.9393	0.1830
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA1%		0.9007	0.0105	0.4069	0.7097	0.3042
neo		0.8912	0.1088	0.5732	0.1108	0.6361
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.9048	0.0952	0.7835	0.4615	0.2236
new3s-wc		0.8319	0.0076	0.8357	0.8265	0.1307
newspop		0.6466	0.3534	0.6438	0.2867	0.8835
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9446	0.0554	0.9319	0.8638	0.3197
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		1.0000	0.0000	0.8000	1.0000	0.0000
obesity		0.6493	0.1002	0.6465	0.5899	0.3073
obs		0.9815	0.0093	0.9867	0.9725	0.0473
occupancy		0.9903	0.0097	0.9867	0.9730	0.1155
Occupancy_Estimation		0.9941	0.0030	0.9783	0.9819	0.0134
oh0-wc		0.8416	0.0317	0.8236	0.8182	0.1456
oh10-wc		0.7238	0.0552	0.6615	0.6846	0.2593
oh15-wc		0.6957	0.0609	0.6561	0.6566	0.3040
oh5-wc		0.8022	0.0396	0.8068	0.7765	0.1961
ohscal-wc		0.7787	0.0443	0.7661	0.7521	0.3018
olive		0.9474	0.0117	0.9231	0.9347	0.0366
opn310k		0.9088	0.0912	0.4761	-0.0006	0.2353
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.5856	0.0034	0.2276
optdigits		0.9840	0.0032	0.9847	0.9822	0.0240
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8351	0.1649	0.8163	0.6326	0.6190
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8855	0.7631	0.4508
p53-mutants		0.9962	0.0038	0.7428	0.3986	0.2322
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9653	0.0139	0.8082	0.7809	0.0958
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.7962	0.2038	0.7894	0.5764	0.6772
parkinsons-small		0.7368	0.2632	0.4242	0.0000	0.4125
particle		0.9056	0.0944	0.8798	0.7543	0.4183
particle10%		0.9154	0.0846	0.8927	0.7814	0.3897
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5722	0.4278	0.4869	-0.0083	0.7391
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia		0.8824	0.0336	0.8069	0.8547	0.0910
pendigits		0.9954	0.0009	0.9956	0.9949	0.0087
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
persistency		0.8047	0.1953	0.7890	0.5766	0.6663
pet-adoption		0.9000	0.1000	0.8881	0.7570	0.3198
phishing		0.9673	0.0327	0.9658	0.9310	0.1820

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
PhiUSIIL			1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%			0.7611	0.0683	0.7434	0.7204	0.2592
phone-gyr0.1%			0.7796	0.0630	0.7634	0.7419	0.2667
phoneme			0.8852	0.1148	0.8551	0.7081	0.5043
phy			0.6832	0.3168	0.6832	0.3663	0.8420
pima			0.5658	0.4342	0.4310	-0.0627	0.8564
pirvision			0.9895	0.0070	0.9804	0.9668	0.0644
placement			0.7960	0.2040	0.7906	0.5813	0.6778
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.2576	0.1485	0.0500	-0.0096	0.2837
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th			0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th			0.9340	0.0660	0.6503	0.1552	0.3548
polya			0.7892	0.2108	0.7637	0.5204	0.6875
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8188	0.0725	0.8188	0.7734	0.2833
pred-tox_mutagen_ref-desc			0.7647	0.2353	0.7689	0.5294	0.7017
prestige			0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor			0.2121	0.0716	0.1231	0.1734	0.2892
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.7463	0.2537	0.6981	0.3893	0.7756
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%			0.9831	0.0068	0.9717	0.9773	0.0540
pufs-1281%			0.4900	0.5100	0.4900	-0.0200	1.0000
pufs-641%			0.5008	0.4992	0.5008	0.0011	0.8859
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%			0.2056	0.0300	0.0741	0.1864	0.2666
rcv110%			0.8916	0.0043	0.6986	0.8792	0.1651
re0-wc			0.8333	0.0256	0.8129	0.7763	0.2258
re1-wc			0.7711	0.0183	0.5751	0.7367	0.1788
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.9060	0.0029	0.4807	0.8701	0.0920
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6575	0.3425	0.6360	0.2673	0.8743
RT_IOT2022			0.9889	0.0019	0.9222	0.9721	0.0165
satimage			0.9020	0.0327	0.8881	0.8788	0.1510
satimageF			0.9891	0.0109	0.9726	0.9449	0.1852
satimageT			0.9362	0.0638	0.7994	0.5699	0.4108
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			0.8855	0.1145	0.8842	0.7684	0.4753
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9481	0.0148	0.9530	0.9393	0.0695
segmentation			0.8267	0.1733	0.8065	0.6039	0.6005
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
seismic			0.9341	0.0659	0.6083	0.0927	0.3832
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8763	0.1237	0.6772	0.0998	0.2600
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8474	0.1526	0.4587	-0.0377	0.6657
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.5983	0.0730	0.5662	0.5581	0.3281
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8800	0.1200	0.7283	0.4002	0.5160
shuttle			0.9986	0.0004	0.7097	0.9961	0.0375
sick			0.9655	0.0345	0.8427	0.6500	0.2345
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin			0.9994	0.0006	0.9991	0.9981	0.0109
skin10%			0.9992	0.0008	0.9988	0.9975	0.0129
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.3000	0.3500	0.2582	0.0561	0.7362
smk_can_187			0.7368	0.2632	0.7360	0.4693	0.7643
smoking			0.7430	0.2570	0.7213	0.4423	0.7761
soil_pollution			0.2267	0.3093	0.2143	0.0274	0.7097
solar-flare			0.7554	0.0815	0.6421	0.6832	0.1856
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.9559	0.0046	0.9608	0.9517	0.0303
spam-detection			0.9430	0.0570	0.8110	0.6114	0.4556
spambase			0.9043	0.0957	0.8995	0.7969	0.4095
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer			0.1887	0.0338	0.0610	0.1612	0.2875
splice-EI			0.9621	0.0379	0.9509	0.9013	0.2711
splice-IE			0.8959	0.1041	0.8519	0.7022	0.5026
sport-articles			0.8100	0.1900	0.7917	0.5709	0.6237
squash-stored			0.6000	0.2667	0.6667	0.4118	0.3599
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8653	0.0898	0.8292	0.7797	0.2784
steel-b			0.8667	0.1333	0.7841	0.5591	0.5867
steel-d			0.9846	0.0154	0.8820	0.7613	0.4382
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.7846	0.2154	0.7535	0.4873	0.6684
steel-p			0.9179	0.0821	0.6618	0.2948	0.5925
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.8921	0.7804	0.3226
stellar			0.9496	0.0336	0.9432	0.9093	0.1577
stock			0.8819	0.1181	0.7767	0.5222	0.5108
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8020	0.1980	0.7998	0.5995	0.6631
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6250	0.1500	0.3568	0.3679	0.3612
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.4000	0.2400	0.2657	0.1074	0.5672
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6154	0.2564	0.4602	0.3750	0.3282
susy1%			0.8024	0.1976	0.8016	0.5973	0.6423

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4828	0.2000	0.6879
telco-churn			0.9048	0.0952	0.8760	0.7514	0.4622
texture			0.9964	0.0007	0.9965	0.9960	0.0060
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.6769	0.3239	0.4864
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9117	0.0883	0.8809	0.7617	0.4574
tis10%			0.8209	0.1791	0.7354	0.4503	0.6526
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4340	0.6098	0.1060
tox_171			0.9412	0.0294	0.9500	0.9217	0.0721
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc			0.9268	0.0163	0.8372	0.9092	0.0501
trec12-wc			0.9355	0.0161	0.9360	0.9221	0.0405
trec21-wc			0.9394	0.0202	0.6594	0.8745	0.1358
trec23-wc			0.8095	0.0635	0.8421	0.7565	0.1869
trec31-wc			0.9677	0.0092	0.8242	0.9571	0.0488
trec41-wc			0.9205	0.0159	0.8830	0.9023	0.0826
trec45-wc			0.7826	0.0435	0.7138	0.7461	0.2032
tuandromd			0.9821	0.0179	0.9719	0.9434	0.1312
turkish			0.7500	0.1250	0.7419	0.6667	0.2375
tvnews1%			0.9385	0.0615	0.9336	0.8667	0.3108
tvnews10%			0.8936	0.1064	0.8844	0.7671	0.4508
ur3_cobotops_grip			0.9769	0.0231	0.7773	0.4755	0.2251
ur3_cobotops_stop			0.9646	0.0354	0.6492	0.1781	0.3486
urban			0.8060	0.0431	0.8050	0.7724	0.1663
urinalysis			0.9510	0.0490	0.7135	0.2124	0.1341
url-rep1%			0.9858	0.0142	0.9841	0.9681	0.1071
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9897	0.0103	0.6487	0.1471	0.2383
vehicle			0.8214	0.0893	0.8135	0.7614	0.1593
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5051	0.0900	0.6094	0.4556	0.2577
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc			0.8333	0.0167	0.6549	0.8143	0.1000
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.8128	0.0535	0.8102	0.7809	0.2318
watch-gyr1%			0.7714	0.0653	0.7683	0.7330	0.2884
water_pollution			0.2533	0.3733	0.1022	-0.0086	0.4727
waveform			0.8600	0.0933	0.8601	0.7900	0.3356
weather-related			0.9673	0.0059	0.9680	0.9630	0.0463
web-phishing			0.8519	0.0988	0.7586	0.7301	0.3735
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.6306	0.1478	0.6545	0.5348	0.4573
white-clover			0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9896	0.0104	0.9464	0.8925	0.2660

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.7233	0.0922	0.3637	0.5466	0.2889
winequality-white			0.6585	0.0976	0.4047	0.4657	0.3876
winnipeg			0.9914	0.0025	0.9860	0.9891	0.0284
winnipeg10%			0.9890	0.0032	0.9855	0.9860	0.0226
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.9375	0.0083	0.9164	0.9328	0.0137
yeast			0.5541	0.0892	0.3187	0.4172	0.3497
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9613	0.0077	0.9593	0.9566	0.0685

Table 236: Detailed results for SVM(Polynomial)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1639	0.0796	0.0770	0.0583	0.4439
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.4500	0.5500	0.4475	-0.1000	1.0000
ads		0.9848	0.0152	0.9679	0.9350	0.1232
adult		0.7819	0.2181	0.6466	0.1420	0.5065
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9963	0.0037	0.4991	-0.0002	0.1628
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8545	0.1455	0.7898	0.5692	0.5881
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.8964	0.1036	0.8944	0.7877	0.4384
alcohol		0.8190	0.0724	0.4266	0.5482	0.1782
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8465	0.1535	0.8294	0.6570	0.5809
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9861	0.0070	0.9512	0.9735	0.0491
anuran-genus		0.9805	0.0049	0.9506	0.9678	0.0779
anuran-species		0.9819	0.0036	0.9522	0.9749	0.0395
anxiety		0.0833	0.2037	0.0602	-0.0378	0.7036
apple-quality		0.8325	0.1675	0.8343	0.6650	0.5859
aps-failure		0.9833	0.0167	0.6755	0.1973	0.2344
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9941	0.0059	0.7677	0.4422	0.1674
arabidopsis10%		0.9918	0.0082	0.6090	0.1072	0.3002
arcene		0.8000	0.2000	0.7917	0.5833	0.6737

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.7556	0.0489	0.6019	0.5733	0.2019
auction		0.9755	0.0245	0.9433	0.8799	0.0855
audiology		0.8182	0.0331	0.6496	0.7833	0.0682
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8500	0.0600	0.8564	0.7980	0.1029
avila		0.5232	0.0795	0.4308	0.2480	0.2527
babies		0.3952	0.1728	0.1485	0.0144	0.3070
balance		0.9194	0.0538	0.8845	0.8604	0.3020
bank		0.9090	0.0910	0.7293	0.4237	0.5312
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8986	0.1014	0.8893	0.7736	0.4146
basehock		0.9598	0.0402	0.9598	0.9196	0.2266
bio		0.9941	0.0059	0.8009	0.5035	0.0249
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8762	0.1238	0.8695	0.7388	0.5111
biomed		0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5284	0.2358	0.5794	0.3711	0.4451
bookings		0.9900	0.0066	0.7742	0.9788	0.0259
brain-tumor		0.4975	0.5025	0.4975	-0.0051	1.0000
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.6364	0.1212	0.5413	0.5556	0.1847
bridges		0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17		0.9084	0.0916	0.4760	-0.0013	0.2610
bub12at310k-hg16-17		0.9084	0.0916	0.4760	-0.0013	0.2610
bub8at310k-hg16-17		0.9090	0.0910	0.4762	-0.0002	0.2189
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9655	0.0172	0.9462	0.9268	0.1561
car-insurance		0.8340	0.1660	0.8039	0.6072	0.6284
card		0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography		0.8263	0.0347	0.7803	0.7909	0.1920
cardiotocography-nsp		0.8920	0.0720	0.7943	0.6573	0.2706
cardiovascular		0.7238	0.2762	0.7253	0.4476	0.7807
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6250	0.2500	0.5136	0.3678	0.5861
cas_N6512_cdk_ECFP2		0.7680	0.2320	0.7666	0.5331	0.7223
cas_N6512_rdkit_ATOMPAIR		0.7662	0.2338	0.7641	0.5273	0.7230
cas_N6512_RDkit_AtomPair_FP		0.7439	0.2561	0.7417	0.4801	0.7532
cas_N6512_rdkit_AVALON		0.7819	0.2181	0.7806	0.5613	0.6986
cas_N6512_RDkit_Avalon_FP		0.8083	0.1917	0.8080	0.6155	0.6484
cas_N6512_rdkit_descriptors		0.7938	0.2062	0.7924	0.5848	0.6771
cas_N6512_rdkit_FEATMORGAN		0.7742	0.2258	0.7729	0.5457	0.7119
cas_N6512_RDkit_Featmorgan_FP		0.8021	0.1979	0.8011	0.6022	0.6616
cas_N6512_RDkit_FP		0.7776	0.2224	0.7765	0.5529	0.7059
cas_N6512_rdkit_LAYERED		0.7662	0.2338	0.7645	0.5289	0.7253
cas_N6512_RDkit_Layered_FP		0.7377	0.2623	0.7354	0.4700	0.7685
cas_N6512_rdkit_MACCS		0.7954	0.2046	0.7936	0.5858	0.6699
cas_N6512_RDkit_MACCS_FP		0.7874	0.2126	0.7863	0.5725	0.6887

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.8046	0.1954	0.8031	0.6053	0.6543
cas_N6512_RDkit_morgan_FP		0.8206	0.1794	0.8193	0.6384	0.6250
cas_N6512_rdkit_PATTERN		0.7723	0.2277	0.7713	0.5426	0.7147
cas_N6512_RDkit_pattern_FP		0.7577	0.2423	0.7559	0.5118	0.7391
cas_N6512_rdkit_RDKITFP		0.7450	0.2550	0.7428	0.4837	0.7549
cas_N6512_rdkit_TORSION		0.7781	0.2219	0.7770	0.5540	0.7049
ccds1%		0.9643	0.0357	0.6933	0.1289	0.1053
ccds10%		0.9660	0.0340	0.7025	0.3404	0.4107
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7979	0.2021	0.7865	0.5702	0.6788
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8211	0.5667	0.0839
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9468	0.0532	0.5880	0.1246	0.5257
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9498	0.0502	0.7403	0.4033	0.3569
census10%		0.9455	0.0545	0.6819	0.1926	0.2726
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8935	0.0533	0.8866	0.8404	0.2116
chrom19		0.9996	0.0004	0.8732	0.7430	0.3031
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.7972	0.5942	0.4802
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8550	0.1450	0.7483	0.4552	0.5526
churn-bigml		0.9139	0.0861	0.8069	0.5673	0.3644
ci900367j_MACCS		0.7368	0.2632	0.7124	0.4189	0.7746
circles		0.3780	0.0124	0.3640	0.3717	0.1266
cirrhosis		0.8095	0.1270	0.5516	0.6129	0.3242
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8722	0.0639	0.8101	0.8025	0.2668
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4422	0.3719	0.4018	0.0257	0.3908
cnae-9		0.9259	0.0165	0.9265	0.9167	0.0839
codon_usage		0.9355	0.0117	0.7976	0.9216	0.1298
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9196	0.8387	0.3724
collins		0.8400	0.0213	0.7154	0.8229	0.0629
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.5519	0.0584	0.7592
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4		0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
comedy_comparisons1%		0.5119	0.4881	0.5018	0.0029	0.9266
comedy_comparisons10%		0.5767	0.4233	0.5748	0.1455	0.9370
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7716	0.2284	0.7716	0.5432	0.7149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
coupon		0.7532	0.2468	0.7461	0.4891	0.7427
covtype10%		0.6072	0.1122	0.4650	0.3008	0.3462
covtypeCD		0.9901	0.0099	0.9787	0.9572	0.0964
covtypeT		0.9826	0.0174	0.9303	0.8586	0.2200
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9985	0.0015	0.7103	0.1849	0.0080
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9539	0.0154	0.8978	0.9055	0.1447
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.5312	0.0293	0.4467	0.5161	0.0905
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.1282	0.0061	0.5249
cyclopentane		0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands		0.6852	0.3148	0.6800	0.3598	0.8410
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1104	0.1779	0.0983	0.0096	0.6381
day1%		0.9816	0.0184	0.9800	0.9601	0.1316
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8889	0.1111	0.7718	0.4273	0.2489
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9036	0.0964	0.7260	0.4260	0.5626
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.3667	0.0588	0.6762
dexter		0.6500	0.3500	0.6508	0.3000	0.8761
df_final		0.8125	0.1250	0.8272	0.7108	0.2451
DIA		0.8000	0.2000	0.7183	0.2727	0.3632
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k		0.9544	0.0456	0.8433	0.6828	0.4300
diabetes-risk		0.8755	0.1245	0.7932	0.5657	0.5262
diabetic		0.5508	0.2995	0.3508	0.0635	0.4871
diabetic1%		0.6078	0.2614	0.4115	0.1876	0.3961
diabetic10%		0.5540	0.2973	0.3507	0.0709	0.4789
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7171	0.1132	0.6993	0.5957	0.3534
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9971	0.0029	0.6104	0.1326	0.3387
dorothea		0.9391	0.0609	0.8049	0.5993	0.4698
dota2		0.5332	0.4668	0.5233	0.0419	0.9496
dota210%		0.5699	0.4301	0.5658	0.1300	0.9508
drebin		0.9904	0.0096	0.9899	0.9797	0.0805
dropout		0.7675	0.1550	0.6834	0.6089	0.4601
drug-01		0.3936	0.1733	0.0807	-0.0077	0.3252
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4309	0.1626	0.2102	0.2611	0.4244
drug-07		0.4309	0.1897	0.1004	0.0000	0.2655
drug-08		0.5585	0.1261	0.1807	0.0269	0.2702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5585	0.1261	0.1593	0.1083	0.3452
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.6277	0.1064	0.1785	0.2434	0.3203
drug-14		0.5904	0.1170	0.2288	0.1924	0.3788
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5638	0.1454	0.1955	0.1835	0.3503
drug-17		0.3511	0.1854	0.1277	0.0882	0.4400
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9302	0.0199	0.9413	0.9156	0.1152
ecoli		0.8529	0.0490	0.7174	0.7942	0.1400
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2800	0.3600	0.2334	0.0338	0.6189
eeg		0.2009	0.0999	0.1365	0.0725	0.3901
eeg-eye		0.7123	0.2877	0.7391	0.3843	0.5480
eeg10%		0.3655	0.0793	0.3512	0.2867	0.5143
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6849	0.1260	0.6719	0.5952	0.3789
euthyroid		0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq		0.9813	0.0187	0.9813	0.9625	0.1262
exon.vs.intron-freq10%		0.9694	0.0306	0.9693	0.9386	0.1851
fakenews		0.5075	0.4925	0.5058	0.0093	0.9295
farm-ads		0.9082	0.0918	0.9081	0.8149	0.3988
fbis-wc		0.8171	0.0215	0.7732	0.7906	0.1337
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9412	0.0588	0.9412	0.8817	0.2989
financial-risk		0.8720	0.0427	0.6957	0.7972	0.2242
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.5000	0.1429	0.3135	0.3548	0.3994
fonts10%		0.5028	0.0065	0.1775	0.4620	0.3841
forest		0.9231	0.0385	0.9006	0.8941	0.1186
gas		0.9928	0.0024	0.9931	0.9913	0.0192
gastrointestinal		0.6250	0.2500	0.6534	0.3885	0.4805
gender		0.5832	0.2779	0.2456	-0.0115	0.3652
gene		0.9211	0.0526	0.9115	0.8745	0.2226
german		0.7400	0.2600	0.6992	0.3516	0.6934
gestures		0.9187	0.0407	0.9193	0.8915	0.1800
gina		0.9481	0.0519	0.9481	0.8962	0.2731
gisette		0.9743	0.0257	0.9743	0.9486	0.1615
glass		0.4286	0.1905	0.2732	0.1871	0.2453
glass-g2		0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP		0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.8571	0.1429	0.7955	0.5039	0.3038
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8929	0.1071	0.8922	0.7823	0.4537
green		0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage		0.4667	0.2667	0.3787	0.2500	0.4753

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9735	0.0044	0.8912	0.9686	0.0400
har		0.9837	0.0065	0.9850	0.9793	0.0300
har701%		0.8504	0.0427	0.5057	0.7802	0.2549
har7010%		0.7792	0.0631	0.4037	0.6400	0.1325
harth1%		0.7869	0.0355	0.4332	0.7003	0.2273
hayes-roth		0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure		0.9620	0.0380	0.9556	0.9107	0.2186
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.6210	0.3790	0.6226	0.2429	0.9027
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6636	0.3364	0.6611	0.3178	0.8569
higgs1%		0.5450	0.4550	0.5526	0.0350	0.6766
higher		0.2143	0.1964	0.0625	0.0191	0.3158
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9342	0.0658	0.8800	0.7588	0.4162
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6389	0.2407	0.6043	0.3208	0.4805
hotel-reservartions		0.8211	0.1789	0.7914	0.5796	0.6430
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.9455	0.0363	0.9479	0.9180	0.1381
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9496	0.0252	0.5931	0.6583	0.2423
hypothyroidT		0.9602	0.0398	0.8439	0.6328	0.1174
ilpd		0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9573	0.0213	0.9582	0.9431	0.0834
ionosphere		0.9429	0.0571	0.9404	0.8736	0.2987
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9358	0.0049	0.9368	0.9332	0.0572
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.9910	0.0020	0.9906	0.9898	0.0162
kc1		0.8578	0.1422	0.6671	0.1766	0.4196
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6923	0.1231	0.2833	0.3158	0.2941
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.6798	0.1362	0.3480
kdc-4007		0.8479	0.0435	0.8490	0.8224	0.2437
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9998	0.0000	0.6956	0.9997	0.0260
kddcup991%		0.9980	0.0003	0.7482	0.9966	0.0117
kddcup9910%		0.9994	0.0001	0.8021	0.9990	0.0063
kepler		0.8797	0.0802	0.8386	0.8011	0.2115
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krkopt		0.4617	0.0598	0.5565	0.3930	0.4569
krvskp		0.9875	0.0125	0.9874	0.9749	0.0919
la1s-wc		0.8603	0.0466	0.8333	0.8233	0.2325
la2s-wc		0.8874	0.0375	0.8711	0.8581	0.2109
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6471	0.0307	0.6083	0.6298	0.0797
led24		0.6500	0.0778	0.6946	0.6011	0.1988
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9655	0.0027	0.9656	0.9641	0.0421
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8889	0.0148	0.8972	0.8807	0.0524
linkage		1.0000	0.0000	0.9987	0.9974	0.0030
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0001
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9438	0.0562	0.9399	0.8795	0.2902
localization		0.0316	0.1761	0.0056	0.0000	0.3471
localization10%		0.0316	0.1761	0.0056	0.0000	0.3472
lrs		0.8868	0.0323	0.6579	0.8418	0.0615
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.6154	0.3846	0.6168	0.2308	0.9071
magic04		0.7233	0.2767	0.7052	0.2612	0.4699
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8432	0.6850	0.5699
marketing		0.9018	0.0982	0.7767	0.4952	0.4071
maternal		0.6436	0.2376	0.6668	0.4438	0.4677
math		0.8000	0.1000	0.7750	0.6819	0.2514
mba		0.8355	0.1097	0.3409	0.0142	0.2494
mental-disorders		0.7500	0.1250	0.7603	0.6667	0.2442
mental-health		0.2100	0.3160	0.1955	0.0044	0.6928
messidor		0.7391	0.2609	0.7396	0.4765	0.7604
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9571	0.9227	0.0673
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9700	0.0060	0.9712	0.9667	0.0318
mfeat-fou		0.8450	0.0310	0.8471	0.8278	0.1355
mfeat-kar		0.9800	0.0040	0.9801	0.9778	0.0254
mfeat-mor		0.7550	0.0490	0.7647	0.7278	0.1770
mfeat-pix		0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer		0.8950	0.0210	0.8968	0.8833	0.0984
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.5000	0.2000	0.4355	0.3738	0.4046
mobile		0.8427	0.0056	0.8544	0.8398	0.0711
monks-1		0.7455	0.2545	0.7464	0.4914	0.7533
monks-2		0.7213	0.2787	0.7027	0.4030	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
monks-3			0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4872	0.0932	0.4964	0.3774	0.5300
musk			0.9985	0.0015	0.9971	0.9942	0.0091
MUT_ci300400a_cdk_ECFP2			0.8237	0.1763	0.8183	0.6365	0.6237
MUT_ci300400a_cdk_ECFP4			0.8587	0.1413	0.8547	0.7093	0.5468
MUT_ci300400a_cdk_ECFP6			0.8216	0.1784	0.8156	0.6307	0.6263
MUT_ci300400a_cdk_ESTATE			0.7698	0.2302	0.7605	0.5172	0.7154
MUT_ci300400a_cdk_EXTENDED			0.8357	0.1643	0.8304	0.6604	0.5971
MUT_ci300400a_cdk_FCFP2			0.8383	0.1617	0.8329	0.6654	0.5910
MUT_ci300400a_cdk_FCFP4			0.8381	0.1619	0.8329	0.6654	0.5918
MUT_ci300400a_cdk_FCFP6			0.8237	0.1763	0.8183	0.6365	0.6237
MUT_ci300400a_cdk_MACCS			0.8309	0.1691	0.8258	0.6516	0.6088
MUT_ci300400a_cdk_PUBCHEM			0.8707	0.1293	0.8664	0.7324	0.5140
MUT_ci300400a_cdk_STANDARD			0.8252	0.1749	0.8198	0.6394	0.6210
MUT_ci300400a_rdkit_descriptors			0.8170	0.1830	0.8118	0.6216	0.6298
myocardial			0.8765	0.0309	0.2785	0.3554	0.1020
naticusdroid			0.9684	0.0316	0.9684	0.9368	0.1892
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.6667	0.1111	0.6061	0.6000	0.1254
ncRNA1%			0.8905	0.0115	0.3121	0.6567	0.1021
ncRNA10%			0.9032	0.0102	0.4783	0.7030	0.1978
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc			0.3550	0.0293	0.2727	0.3265	0.3622
newspop			0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9225	0.0775	0.9044	0.8086	0.3994
NPHA-doctor-visits			0.5278	0.3148	0.2303	0.0000	0.3630
nursery			1.0000	0.0000	1.0000	1.0000	0.0000
obesity			0.9479	0.0149	0.9462	0.9391	0.0708
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9888	0.0112	0.9846	0.9689	0.1253
Occupancy_Estimation			0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc			0.8020	0.0396	0.7817	0.7725	0.1914
oh10-wc			0.6952	0.0610	0.6930	0.6525	0.2821
oh15-wc			0.6522	0.0696	0.6257	0.6062	0.3491
oh5-wc			0.8022	0.0396	0.8065	0.7772	0.2045
ohscal-wc			0.5287	0.0943	0.5308	0.4710	0.5190
olive			0.9298	0.0156	0.9215	0.9118	0.0396
opn310k			0.9078	0.0922	0.4937	-0.0008	0.2975
opn310k10%			0.9104	0.0896	0.4765	-0.0019	0.2753
opnat310k-hg16-17			0.9077	0.0923	0.4758	-0.0025	0.2930
optdigits			0.9840	0.0032	0.9846	0.9822	0.0241
optdigitsZ			0.9964	0.0036	0.9889	0.9776	0.0175
orl			1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8402	0.1598	0.8214	0.6427	0.6074
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants			0.9959	0.0041	0.7188	0.3793	0.3392
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9525	0.0190	0.6078	0.6670	0.0602
parkinson			0.9917	0.0083	0.9915	0.9828	0.0670

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons			0.8436	0.1564	0.8343	0.6686	0.5894
parkinsons-small			0.8947	0.1053	0.8633	0.6885	0.2605
particle			0.7169	0.2831	0.4764	-0.0025	0.5001
particle10%			0.7246	0.2754	0.6021	0.0365	0.4915
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5670	0.4330	0.3618	-0.0307	0.6801
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9079	0.0921	0.8728	0.7407	0.4303
pediatric-leukemia			0.8235	0.0504	0.8017	0.7818	0.1539
pendigits			0.9927	0.0015	0.9925	0.9919	0.0138
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.8076	0.1924	0.7924	0.5836	0.6613
personalities			0.9885	0.0014	0.9885	0.9877	0.0220
pet-adoption			0.9250	0.0750	0.9142	0.8257	0.3447
phishing			0.9714	0.0286	0.9700	0.9397	0.1676
PhiUSIIL			0.9999	0.0001	0.9999	0.9998	0.0010
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%			0.4456	0.1584	0.4280	0.3418	0.4077
phone-acc1%			0.4507	0.1569	0.4438	0.3518	0.4604
phone-gyr0.1%			0.3137	0.1961	0.3559	0.2049	0.4113
phone-gyr1%			0.4005	0.1713	0.3729	0.2945	0.4698
phoneme			0.8019	0.1981	0.7358	0.4272	0.6121
phy			0.6270	0.3730	0.6346	0.2553	0.8657
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.9915	0.0057	0.9851	0.9726	0.0182
placement			0.7960	0.2040	0.7906	0.5813	0.6778
plant-growth			0.4737	0.5263	0.4722	-0.0556	1.0000
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5298	0.1344	0.2563	0.0937	0.3033
poker10%			0.5186	0.1203	0.2570	0.0445	0.1961
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7838	0.2162	0.7577	0.5092	0.6999
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.9899	0.0040	0.9898	0.9873	0.0285
pred-tox_mutagen_ref-desc			0.6176	0.3824	0.6259	0.2353	0.8676
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.5152	0.0746	0.4440	0.4562	0.2265
processed			0.9997	0.0003	0.9996	0.9992	0.0044
profb			0.7910	0.2090	0.7518	0.4908	0.6818
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9655	0.0138	0.9612	0.9535	0.0588
puc-rio10%			0.9722	0.0111	0.9531	0.9627	0.0654
pufs-1281%			0.4912	0.5088	0.4912	-0.0177	1.0000
pufs-641%			0.4958	0.5042	0.4958	-0.0084	1.0000
pulsar			0.9800	0.0200	0.9381	0.8696	0.1056
raisin			0.9333	0.0667	0.9333	0.8667	0.3271
rcv11%			0.8685	0.0064	0.6242	0.8542	0.1334
rcv110%			0.8214	0.0071	0.6032	0.7993	0.3124
re0-wc			0.8333	0.0256	0.8099	0.7765	0.2282

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
re1-wc			0.7289	0.0217	0.5947	0.6892	0.2104
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8831	0.0049	0.5215	0.8399	0.1830
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6313	0.3686	0.6057	0.2060	0.9005
RT_IOT2022			0.9344	0.0109	0.6551	0.8350	0.0292
satimage			0.9051	0.0316	0.8956	0.8830	0.1625
satimageF			0.9891	0.0109	0.9726	0.9449	0.1852
satimageT			0.9331	0.0669	0.7866	0.5332	0.4011
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9481	0.0148	0.9534	0.9393	0.0697
segmentation			0.8267	0.1733	0.8065	0.6039	0.6005
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8556	0.1444	0.5093	0.0071	0.5787
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8579	0.1421	0.5509	0.0587	0.6232
sens-5-gram			0.8632	0.1368	0.5884	0.1163	0.6103
sens-6-gram			0.8474	0.1526	0.4587	-0.0377	0.6657
sens-7-gram			0.8658	0.1342	0.5895	0.0994	0.5596
sens-8-gram			0.8474	0.1526	0.5277	0.0384	0.6992
sens-9-gram			0.8658	0.1342	0.5895	0.0994	0.5596
sensorless			0.8988	0.0184	0.9010	0.8887	0.0775
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8808	0.1192	0.7305	0.4025	0.5079
shuttle			0.9672	0.0094	0.6138	0.9059	0.0848
sick			0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9411	0.0589	0.9077	0.8128	0.3356
skin10%			0.9318	0.0682	0.8920	0.7755	0.3293
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.3400	0.3300	0.3397	0.1139	0.7276
smk_can_187			0.6842	0.3158	0.6841	0.3596	0.8222
smoking			0.6331	0.3669	0.6206	0.0012	0.4840
soil_pollution			0.2233	0.3107	0.2110	0.0248	0.8126
solar-flare			0.7410	0.0863	0.5720	0.6660	0.1772
sonar			0.6000	0.4000	0.6000	0.2000	0.9288
soybean			0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection			0.9545	0.0455	0.8562	0.7100	0.4198
spambase			0.9087	0.0913	0.9054	0.8039	0.3597
spect			0.8000	0.2000	0.4444	0.0000	0.3522
spectf			0.8286	0.1714	0.7887	0.4878	0.3453
spectrometer			0.6731	0.0242	0.4585	0.6529	0.1071
splice-EI			0.9527	0.0473	0.9407	0.8791	0.3179
splice-IE			0.9054	0.0946	0.8679	0.7356	0.4840
sport-articles			0.8200	0.1800	0.8030	0.5959	0.6085
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
squash-unstored			0.6000	0.4000	0.5833	0.1667	0.9308
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8622	0.0919	0.8222	0.7752	0.2770
steel-b			0.8564	0.1436	0.7698	0.5343	0.6257
steel-d			0.9744	0.0256	0.7677	0.5324	0.5024
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.8000	0.2000	0.7730	0.5392	0.6699
steel-p			0.9231	0.0769	0.6928	0.3623	0.5753
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9125	0.8251	0.3478
stellar			0.7527	0.1649	0.5860	0.4776	0.2544
stock			0.8819	0.1181	0.7767	0.5222	0.5108
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8780	0.1220	0.8765	0.7522	0.4898
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6250	0.1500	0.3467	0.3762	0.4039
student-depression			0.7638	0.2362	0.7533	0.4994	0.7180
student-habits			0.3500	0.2600	0.1053	-0.0467	0.4135
student-weekend			0.4154	0.2338	0.2215	0.1287	0.5132
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.5385	0.3077	0.4097	0.2500	0.4742
susy1%			0.7946	0.2054	0.7949	0.5800	0.6452
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.9006	0.0994	0.8706	0.7407	0.4771
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9718	0.0282	0.6752	0.3206	0.5013
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8684	0.1316	0.8200	0.6394	0.5804
tis10%			0.8209	0.1791	0.7354	0.4503	0.6526
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.8750	0.0500	0.7467	0.8182	0.0440
tox_171			0.9412	0.0294	0.9478	0.9209	0.0644
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.8537	0.0325	0.6805	0.8164	0.0907
trec12-wc			0.9032	0.0242	0.9196	0.8821	0.0667
trec21-wc			0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc			0.7143	0.0952	0.6173	0.6250	0.2708
trec31-wc			0.9570	0.0143	0.9520	0.9431	0.0926
trec41-wc			0.8409	0.0318	0.6820	0.8027	0.1559
trec45-wc			0.7246	0.0551	0.6820	0.6770	0.2515
tuandromd			0.9886	0.0114	0.9817	0.9627	0.0502
turkish			0.8000	0.1000	0.8099	0.7333	0.1889
tvnews			0.9471	0.0529	0.9428	0.8854	0.2828
tvnews1%			0.9385	0.0615	0.9336	0.8667	0.3108
tvnews10%			0.8766	0.1234	0.8666	0.7329	0.5093
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9646	0.0354	0.6787	0.0690	0.1045
urban			0.8209	0.0398	0.8308	0.7894	0.1388
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
url-rep1%			0.9862	0.0138	0.9845	0.9691	0.1052
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9911	0.0089	0.7326	0.4060	0.3316
vehicle			0.7381	0.1310	0.7224	0.6517	0.1914
vehicleVAN			0.9643	0.0357	0.9519	0.9032	0.2250
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5657	0.0790	0.5993	0.5222	0.2504
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9239	0.0761	0.7165	0.3810	0.4868
wap-wc			0.8205	0.0179	0.6131	0.7995	0.1207
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.2827	0.2049	0.2860	0.1397	0.4461
watch-acc10%			0.2608	0.2112	0.2794	0.1251	0.4564
watch-gyr1%			0.2639	0.2103	0.2668	0.1399	0.4443
watch-gyr10%			0.2175	0.2236	0.2557	0.0843	0.4567
water_pollution			0.2700	0.3650	0.2413	0.0188	0.6468
waveform			0.8440	0.1040	0.8440	0.7660	0.3620
weather-related			0.9750	0.0045	0.9773	0.9717	0.0350
web-phishing			0.8519	0.0988	0.8016	0.7353	0.4097
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.4448	0.2221	0.4579	0.2849	0.3793
white-clover			0.6667	0.3333	0.6250	0.2500	0.8750
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9855	0.0145	0.9182	0.8297	0.1734
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5849	0.1384	0.2187	0.2985	0.3224
winequality-white			0.5112	0.1629	0.2429	0.1825	0.4587
winnipeg			0.9983	0.0005	0.9930	0.9979	0.0064
winnipeg10%			0.9954	0.0013	0.9903	0.9942	0.0108
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.5270	0.1051	0.3693	0.3887	0.3618
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9677	0.0065	0.9667	0.9639	0.0581

Table 237: Detailed results for SVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1751	0.0569	0.0814	0.0805	0.4661
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9837	0.0163	0.6841	0.2309	0.2529
accident		0.5000	0.5000	0.5000	0.0000	0.9713
ads		0.9756	0.0244	0.9480	0.8930	0.1527
adult		0.8489	0.1511	0.7747	0.5359	0.6017
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9996	0.0004	0.9698	0.9392	0.0936
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red		0.9941	0.0059	0.6782	0.0537	0.0247
aids		0.8545	0.1455	0.7898	0.5692	0.5881
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
alcohol		0.8190	0.0724	0.4266	0.5482	0.1782
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8465	0.1535	0.8294	0.6570	0.5809
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9944	0.0028	0.9787	0.9894	0.0166
anuran-genus		0.9875	0.0031	0.9654	0.9794	0.0849
anuran-species		0.9903	0.0019	0.9776	0.9865	0.0357
anxiety		0.0917	0.2019	0.0825	-0.0226	0.5027
apple-quality		0.9125	0.0875	0.9125	0.8250	0.3945
aps-failure		0.9926	0.0074	0.8877	0.7705	0.2681
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9932	0.0068	0.7285	0.2565	0.0279
arcene		0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia		0.7111	0.0444	0.3976	0.5038	0.2039
auction		0.9216	0.0784	0.8014	0.5781	0.4430
audiology		0.6957	0.0254	0.2225	0.6414	0.0773

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0333	0.7526	0.8667	0.0771
avila		0.8471	0.0255	0.8527	0.7969	0.2094
babies		0.3306	0.1912	0.1076	-0.0690	0.4106
balance		0.9194	0.0538	0.8001	0.8553	0.2296
bank		0.9107	0.0893	0.7460	0.4774	0.5638
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9240	0.0760	0.9177	0.8304	0.3221
basehock		0.9648	0.0352	0.9648	0.9296	0.2045
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8857	0.1143	0.8788	0.7577	0.4851
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%		0.9859	0.0010	0.0342	0.0000	0.0114
body-perf		0.7015	0.1493	0.7009	0.6020	0.4445
brain-tumor		0.4985	0.5015	0.3327	0.0000	0.5285
breast-cancer		0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co		0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma		0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue		0.6364	0.1212	0.5346	0.5510	0.2080
bridges		0.8000	0.0571	0.5503	0.6774	0.1083
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9540	0.0230	0.9389	0.9035	0.1799
car-insurance		0.8340	0.1660	0.8045	0.6086	0.6293
card		0.8696	0.1304	0.8657	0.7285	0.5029
cardiotocography		0.8357	0.0329	0.7893	0.8015	0.1734
cardiotocography-nsp		0.9390	0.0407	0.8723	0.8184	0.1107
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7250	0.1833	0.6250	0.5073	0.5360
cas_N6512_cdk_ECFP2		0.7849	0.2151	0.7837	0.5674	0.6932
cas_N6512_rdkit_ATOMPAIR		0.7662	0.2338	0.7641	0.5273	0.7230
cas_N6512_RDkit_AtomPair_FP		0.7469	0.2531	0.7448	0.4864	0.7483
cas_N6512_rdkit_AVALON		0.7834	0.2166	0.7821	0.5643	0.6960
cas_N6512_RDkit_Avalon_FP		0.7899	0.2101	0.7912	0.5802	0.6770
cas_N6512_rdkit_descriptors		0.7938	0.2062	0.7936	0.5866	0.6754
cas_N6512_rdkit_FEATMORGAN		0.7849	0.2151	0.7835	0.5670	0.6933
cas_N6512_RDkit_Featmorgan_FP		0.8067	0.1933	0.8054	0.6108	0.6528
cas_N6512_RDkit_FP		0.7439	0.2561	0.7417	0.4829	0.7598
cas_N6512_rdkit_LAYERED		0.7846	0.2154	0.7845	0.5683	0.6915
cas_N6512_RDkit_Layered_FP		0.7684	0.2316	0.7665	0.5324	0.7203
cas_N6512_rdkit_MACCS		0.8126	0.1874	0.8111	0.6212	0.6382
cas_N6512_RDkit_MACCS_FP		0.8021	0.1979	0.8026	0.6039	0.6576
cas_N6512_rdkit_MORGAN		0.8046	0.1954	0.8031	0.6053	0.6543
cas_N6512_RDkit_morgan_FP		0.8129	0.1871	0.8115	0.6227	0.6399
cas_N6512_rdkit_PATTERN		0.7938	0.2062	0.7925	0.5850	0.6772
cas_N6512_RDkit_pattern_FP		0.7899	0.2101	0.7891	0.5780	0.6839
cas_N6512_rdkit_RDKITFP		0.7634	0.2366	0.7619	0.5237	0.7298
cas_N6512_rdkit_TORSION		0.7831	0.2169	0.7821	0.5641	0.6962
ccds1%		0.9643	0.0357	0.6933	0.1289	0.1053
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7979	0.2021	0.7865	0.5702	0.6788
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.6410	0.2148	0.4795

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
census10%		0.9502	0.0498	0.7241	0.3941	0.4342
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.6408	0.2229	0.5285
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8935	0.0533	0.8866	0.8404	0.2116
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9994	0.0006	0.8414	0.6664	0.2633
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8490	0.1510	0.7371	0.4401	0.5911
churn-bigml		0.9363	0.0637	0.8633	0.7178	0.3825
ci900367j_MACCS		0.6842	0.3158	0.6549	0.3066	0.8513
circles		0.0000	0.0200	0.0000	-0.0101	0.3402
cirrhosis		0.6905	0.2063	0.4692	0.3576	0.4823
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.8657	0.0671	0.7959	0.7936	0.3074
climate		0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5034	0.3311	0.4691	0.2093	0.7426
cnae-9		0.9722	0.0062	0.9725	0.9688	0.0311
codon_usage		0.9509	0.0089	0.8231	0.9404	0.0903
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.6800	0.0427	0.5432	0.6471	0.1385
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.5519	0.0584	0.7592
colposcopies-2		0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3		0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%		0.5198	0.4802	0.5116	0.0165	0.8898
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7812	0.2188	0.7816	0.5626	0.6968
coupon		0.7603	0.2397	0.7538	0.5059	0.7346
covtype10%		0.8735	0.0361	0.7747	0.7944	0.2669
covtypeCD		0.9935	0.0065	0.9863	0.9725	0.0821
covtypeT		0.9844	0.0156	0.9389	0.8776	0.2416
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9622	0.0126	0.8821	0.9228	0.1500
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.6875	0.0156	0.5169	0.6777	0.0462
customer-churn		0.9806	0.0194	0.6698	0.2418	0.3462
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.6998	0.3793	0.7738
cylinder-bands		0.7778	0.2222	0.7709	0.5352	0.6921
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
day1%		0.9825	0.0175	0.9809	0.9619	0.1269

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8237	0.1763	0.7065	0.3655	0.6188
defect		0.8981	0.1019	0.7881	0.5483	0.4836
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9051	0.0949	0.7340	0.4469	0.5653
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.3366	0.0303	0.5178
dexter		0.9333	0.0667	0.9343	0.8667	0.3124
df_final		0.7500	0.1667	0.7616	0.6098	0.2841
DIA		0.8333	0.1667	0.7692	0.4286	0.3322
diabetes		0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-100k		0.9647	0.0353	0.8760	0.7330	0.2347
diabetic1%		0.5588	0.2941	0.3515	0.0825	0.4688
diabetic10%		0.5462	0.3026	0.3452	0.0708	0.5166
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih		0.5000	0.5000	0.4701	-0.0588	1.0000
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dorothea		0.9391	0.0609	0.8049	0.5993	0.4698
dota210%		0.5670	0.4330	0.5629	0.1244	0.9535
drebin		0.9938	0.0062	0.9935	0.9869	0.0503
dropout		0.7607	0.1595	0.6749	0.5973	0.4694
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5053	0.1413	0.0963	-0.0087	0.3807
drug-03		0.7074	0.0836	0.1995	0.1210	0.2365
drug-04		0.5266	0.1353	0.0996	0.0077	0.3593
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4309	0.1626	0.2102	0.2611	0.4244
drug-07		0.4681	0.1520	0.1575	0.0738	0.2800
drug-08		0.5851	0.1185	0.2028	0.1659	0.3266
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1459	0.1098	0.3870
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6117	0.1109	0.1749	0.2311	0.3932
drug-14		0.5851	0.1185	0.2358	0.2126	0.4319
drug-15		0.7553	0.0699	0.1233	0.0078	0.2431
drug-16		0.5745	0.1216	0.2476	0.2592	0.4535
drug-17		0.3617	0.1824	0.1318	0.1031	0.4355
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9317	0.0195	0.9445	0.9174	0.1140
ecoli		0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8182	0.1818	0.7525	0.5050	0.6964
ecoliMU		0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2500	0.3750	0.2145	-0.0056	0.6951
eeg		0.5353	0.0581	0.5594	0.4845	0.5441
eeg-eye		0.9259	0.0741	0.9251	0.8503	0.3544
eeg10%		0.4399	0.0700	0.4650	0.3784	0.5514
eucalyptus		0.6575	0.1370	0.6334	0.5590	0.3705
euthyroid		0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%		0.9777	0.0223	0.9776	0.9552	0.1441

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
fakenews		0.5275	0.4725	0.5304	0.0496	0.9110
farm-ads		0.9082	0.0918	0.9083	0.8147	0.3954
fbis-wc		0.8293	0.0201	0.7939	0.8045	0.1204
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9020	0.0980	0.9017	0.8028	0.4272
financial-risk		0.8715	0.0428	0.6894	0.7964	0.2269
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.5000	0.1250	0.2643	0.3610	0.2778
forest		0.9231	0.0385	0.9006	0.8941	0.1186
gas		0.9957	0.0014	0.9958	0.9948	0.0109
gastrointestinal		0.8125	0.1250	0.7955	0.7019	0.3546
gender		0.5895	0.2737	0.3641	0.0981	0.5103
gene		0.9306	0.0463	0.9229	0.8890	0.2125
german		0.7200	0.2800	0.6750	0.2802	0.6783
gestures		0.9195	0.0402	0.9201	0.8927	0.1779
gina		0.9452	0.0548	0.9452	0.8904	0.2841
gisette		0.9743	0.0257	0.9743	0.9486	0.1615
glass		0.8095	0.0635	0.7265	0.7246	0.1432
glass-g2		0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP		0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP		0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.4000	0.3000	0.4716	0.1768	0.4601
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9735	0.0044	0.9158	0.9687	0.0386
har		0.9837	0.0065	0.9850	0.9793	0.0300
har701%		0.9150	0.0243	0.5390	0.8746	0.1192
har7010%		0.9285	0.0204	0.6580	0.8931	0.1357
harth1%		0.8731	0.0212	0.5870	0.8266	0.1894
hayes-roth		0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.9620	0.0380	0.9556	0.9107	0.2186
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.8667	0.1333	0.7761	0.4444	0.2846
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6818	0.3182	0.6796	0.3560	0.8384
higher		0.2857	0.1786	0.1721	0.1083	0.3263
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9309	0.0691	0.8731	0.7443	0.4257
hiva		0.9669	0.0331	0.6916	0.1211	0.0993
horse		0.6389	0.2407	0.4725	0.2909	0.4219
hotel-reservartions		0.8699	0.1301	0.8494	0.6962	0.5265

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%		0.9998	0.0001	0.9998	0.9997	0.0013
htru2		0.9777	0.0223	0.9298	0.8563	0.2033
hypothyroid		0.9390	0.0305	0.5724	0.5609	0.1918
hypothyroidT		0.9576	0.0424	0.8321	0.6000	0.1231
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9573	0.0213	0.9581	0.9431	0.0842
ionosphere		0.9714	0.0286	0.9686	0.9353	0.1967
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9461	0.0041	0.9469	0.9439	0.0490
jm1		0.8108	0.1892	0.6064	0.0848	0.5155
jvowels		0.9980	0.0004	0.9975	0.9977	0.0037
kc1		0.8673	0.1327	0.7118	0.2315	0.2755
kc1-class-level-defectiveornot		0.8667	0.1333	0.8696	0.7059	0.3322
kc1-class-level-numericdefect		0.5714	0.0357	0.0317	0.0233	0.2174
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.8304	0.0424	0.7320	0.8021	0.2327
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9980	0.0002	0.4517	0.9966	0.0107
kepler		0.8797	0.0802	0.8383	0.8012	0.2121
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.8371	0.0181	0.8299	0.8181	0.1795
krvskp		0.9843	0.0157	0.9843	0.9686	0.1087
la1s-wc		0.8508	0.0497	0.8340	0.8141	0.2779
la2s-wc		0.8543	0.0486	0.8361	0.8169	0.2580
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5000	0.0250	0.2690	0.4807	0.0967
led24		0.6500	0.0700	0.6532	0.6078	0.1649
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9810	0.0015	0.9809	0.9802	0.0228
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.9167	0.0111	0.9361	0.9106	0.0381
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.9461	0.0539	0.9425	0.8846	0.2831
localization10%		0.6984	0.0548	0.4593	0.6130	0.3611
lrs		0.7358	0.0528	0.3868	0.6391	0.1535
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2		1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5846	0.4154	0.5853	0.1692	0.9378
magic04		0.8795	0.1205	0.8658	0.7264	0.4770
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8327	0.6654	0.5984

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
marketing		0.8884	0.1116	0.7386	0.4169	0.4831
maternal		0.8515	0.0990	0.8532	0.7743	0.3465
math		0.7750	0.1125	0.7593	0.6414	0.2735
mba		0.8194	0.1204	0.3484	0.0283	0.3726
mental-disorders		1.0000	0.0000	1.0000	1.0000	0.0000
mental-health		0.2200	0.3120	0.1220	0.0162	0.5093
messidor		0.7478	0.2522	0.7494	0.4951	0.7441
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9571	0.9227	0.0673
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9750	0.0050	0.9756	0.9722	0.0290
mfeat-fou		0.8500	0.0300	0.8519	0.8333	0.1111
mfeat-kar		0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor		0.7550	0.0490	0.7608	0.7278	0.1842
mfeat-pix		0.9800	0.0040	0.9806	0.9778	0.0250
mfeat-zer		0.9150	0.0170	0.9172	0.9056	0.0659
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.7647	0.0941	0.7630	0.7047	0.2709
mobile		0.8566	0.0051	0.8637	0.8540	0.0662
monks-1		0.9455	0.0545	0.9457	0.8908	0.2776
monks-2		0.9672	0.0328	0.9637	0.9274	0.2074
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.5178	0.0877	0.5237	0.4137	0.4932
musk		0.9955	0.0045	0.9913	0.9825	0.0541
MUT_ci300400a_cdk_ECFP2		0.8417	0.1583	0.8371	0.6743	0.5856
MUT_ci300400a_cdk_ECFP4		0.8587	0.1413	0.8547	0.7093	0.5468
MUT_ci300400a_cdk_ECFP6		0.8204	0.1796	0.8144	0.6281	0.6286
MUT_ci300400a_cdk_ESTATE		0.7854	0.2146	0.7770	0.5497	0.6862
MUT_ci300400a_cdk_EXTENDED		0.8381	0.1619	0.8328	0.6651	0.5913
MUT_ci300400a_cdk_FCFP2		0.8491	0.1509	0.8439	0.6868	0.5638
MUT_ci300400a_cdk_FCFP4		0.8381	0.1619	0.8329	0.6654	0.5918
MUT_ci300400a_cdk_FCFP6		0.8249	0.1751	0.8197	0.6394	0.6215
MUT_ci300400a_cdk_MACCS		0.8405	0.1595	0.8355	0.6709	0.5873
MUT_ci300400a_cdk_PUBCHEM		0.8707	0.1293	0.8664	0.7324	0.5140
MUT_ci300400a_cdk_STANDARD		0.8240	0.1760	0.8185	0.6368	0.6233
MUT_ci300400a_rdkit_descriptors		0.8521	0.1479	0.8483	0.6963	0.5587
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.9703	0.0297	0.9703	0.9407	0.1802
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA1%		0.9033	0.0102	0.4137	0.7140	0.2071
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.8130	0.0085	0.8007	0.8069	0.1501
newspop		0.6597	0.3403	0.6569	0.3125	0.8684
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9614	0.0386	0.9525	0.9050	0.2441
NPHA-doctor-visits		0.5417	0.3056	0.4151	0.0361	0.3592
nursery		1.0000	0.0000	0.8000	1.0000	0.0000
obesity		0.9621	0.0108	0.9614	0.9557	0.0559
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9927	0.0073	0.9898	0.9795	0.0807
Occupancy_Estimation		0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc		0.8713	0.0257	0.8781	0.8535	0.1181

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
oh10-wc			0.7619	0.0476	0.7364	0.7298	0.2403
oh15-wc			0.6848	0.0630	0.6656	0.6451	0.3140
oh5-wc			0.7912	0.0418	0.7788	0.7654	0.2090
ohscal-wc			0.7097	0.0581	0.6967	0.6749	0.3645
olive			0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%			0.9123	0.0877	0.6241	0.1531	0.4837
optdigits			0.9858	0.0028	0.9862	0.9842	0.0222
optdigitsZ			0.9964	0.0036	0.9889	0.9776	0.0175
orl			1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P			1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer			1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9130	0.0870	0.5398	0.0537	0.6079
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8351	0.1649	0.8130	0.6243	0.6126
P-Glycoprotein_c_RDkit_AtomPair_FP			0.8889	0.1111	0.8909	0.7782	0.4492
p53-mutants			0.9962	0.0038	0.7600	0.4982	0.3886
p53-mutants10%			0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks			0.9634	0.0146	0.7876	0.7739	0.1978
parkinson			0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons			0.8436	0.1564	0.8343	0.6686	0.5894
parkinsons-small			1.0000	0.0000	1.0000	1.0000	0.0000
particle10%			0.9046	0.0954	0.8802	0.7598	0.4558
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9369	0.0631	0.7116	0.2096	0.1619
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia			0.7941	0.0588	0.7768	0.7460	0.1912
pendigits			0.9973	0.0005	0.9972	0.9970	0.0055
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.8163	0.1837	0.8011	0.5994	0.6385
pet-adoption			0.9350	0.0650	0.9263	0.8477	0.2815
phishing			0.9755	0.0245	0.9743	0.9484	0.1522
phone-acc0.1%			0.7741	0.0645	0.7513	0.7356	0.2177
phone-acc1%			0.8448	0.0444	0.8352	0.8186	0.1836
phone-gyr0.1%			0.8098	0.0544	0.7963	0.7772	0.2276
phoneme			0.8852	0.1148	0.8554	0.7092	0.5072
phy			0.7152	0.2848	0.7152	0.4303	0.8008
pima			0.7105	0.2895	0.6891	0.3407	0.7408
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.7960	0.2040	0.7906	0.5813	0.6778
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.5054	0.0989	0.1725	0.0295	0.2455
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.5966	0.0403	0.2959
polya			0.7968	0.2032	0.7736	0.5437	0.6815
popularity			0.6671	0.2219	0.5291	0.2065	0.4533
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.9917	0.0033	0.9916	0.9896	0.0257
pred-tox_mutagen_ref-desc			0.6765	0.3235	0.6847	0.3529	0.8074
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4242	0.0523	0.1744	0.3628	0.2244
profb			0.7463	0.2537	0.6941	0.3738	0.7632

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
promoters			1.0000	0.0000	1.0000	1.0000	0.0000
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9937	0.0025	0.9907	0.9916	0.0206
puc-rio10%			0.9879	0.0048	0.9793	0.9838	0.0375
pufs-641%			0.4996	0.5004	0.3331	0.0000	0.5284
pulsar			0.9808	0.0192	0.9407	0.8785	0.1663
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%			0.8037	0.0074	0.4001	0.7841	0.2371
re0-wc			0.7600	0.0369	0.7615	0.6805	0.2851
re1-wc			0.7771	0.0178	0.6530	0.7462	0.1813
rejafada			0.9698	0.0302	0.8636	0.6856	0.5211
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.8831	0.0036	0.3715	0.8398	0.1487
rice			0.9874	0.0126	0.9873	0.9744	0.0865
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6604	0.3396	0.6404	0.2777	0.8731
RT_IOT2022			0.9953	0.0008	0.9528	0.9882	0.0103
satimage			0.9222	0.0259	0.9138	0.9041	0.1367
satimageF			0.9891	0.0109	0.9726	0.9449	0.1852
satimageT			0.9565	0.0435	0.8731	0.7428	0.3771
scadi			0.8571	0.0408	0.5333	0.8056	0.0421
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.9998	0.0002	0.9998	0.9997	0.0019
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9437	0.0161	0.9497	0.9342	0.0708
segmentation			0.8267	0.1733	0.8065	0.6039	0.6005
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8763	0.1237	0.6559	0.1245	0.3621
sens-3-gram			0.8763	0.1237	0.6487	0.1479	0.4234
sens-4-gram			0.8658	0.1342	0.5895	0.0994	0.5596
sens-5-gram			0.8737	0.1263	0.6404	0.0934	0.3668
sens-6-gram			0.8711	0.1289	0.6147	0.0873	0.4343
sens-7-gram			0.8711	0.1289	0.6147	0.0873	0.4343
sens-8-gram			0.8632	0.1368	0.5547	0.0445	0.5361
sens-9-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sensorless			0.9752	0.0045	0.9752	0.9727	0.0349
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8905	0.1095	0.7580	0.4721	0.4928
shuttle			0.9984	0.0004	0.8557	0.9956	0.0027
sick			0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9999	0.0001	0.9999	0.9998	0.0017
skin10%			0.9992	0.0008	0.9988	0.9975	0.0129
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.3800	0.3100	0.3589	0.1729	0.7288
smk_can_187			0.7895	0.2105	0.7889	0.5778	0.6844
soil_pollution			0.2033	0.3187	0.1599	-0.0025	0.6928
solar-flare			0.7482	0.0839	0.5768	0.6747	0.1905
sonar			0.7500	0.2500	0.7513	0.5000	0.7429
soybean			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spam-detection			0.9545	0.0455	0.8562	0.7100	0.4198
spambase			0.9065	0.0935	0.9018	0.8025	0.4115
spect			0.7778	0.2222	0.6014	0.1562	0.7230
spectf			0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer			0.6792	0.0134	0.2769	0.6604	0.0876
splice-EI			0.9779	0.0221	0.9717	0.9427	0.1928
splice-IE			0.9338	0.0662	0.9079	0.8158	0.3854
sport-articles			0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8744	0.0837	0.8435	0.7949	0.2786
steel-b			0.8718	0.1282	0.7917	0.5718	0.5636
steel-d			0.9949	0.0051	0.9553	0.9065	0.0226
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8308	0.1692	0.8091	0.6129	0.6066
steel-p			0.9333	0.0667	0.7250	0.3558	0.3699
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9125	0.8251	0.3478
stock			0.8958	0.1042	0.8069	0.5931	0.4811
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.9140	0.0860	0.9131	0.8262	0.3928
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6150	0.1540	0.2750	0.3476	0.3907
student-depression			0.8362	0.1638	0.8301	0.6590	0.5930
student-habits			0.3800	0.2480	0.1713	0.0035	0.4166
student-weekend			0.3846	0.2462	0.1809	0.1003	0.5034
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.5385	0.3077	0.3945	0.2500	0.3462
susy1%			0.8048	0.1952	0.8045	0.6018	0.6336
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.5344	0.2000	0.5887
telco-churn			0.8991	0.1009	0.8686	0.7365	0.4806
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9738	0.0262	0.6386	0.2727	0.5721
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.9140	0.0860	0.8834	0.7665	0.4471
tis10%			0.8209	0.1791	0.7453	0.4861	0.6841
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			0.9412	0.0294	0.9478	0.9209	0.0644
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc			0.8293	0.0379	0.7391	0.7879	0.1568
trec12-wc			0.8710	0.0323	0.9002	0.8420	0.0941
trec21-wc			0.8788	0.0404	0.5658	0.7490	0.2658
trec23-wc			0.7143	0.0952	0.6155	0.6135	0.2955
trec31-wc			0.9140	0.0246	0.7609	0.8857	0.1494
trec41-wc			0.8977	0.0205	0.7726	0.8728	0.1009
trec45-wc			0.8116	0.0377	0.7406	0.7786	0.1627
tuandromd			0.9888	0.0112	0.9825	0.9651	0.1057

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
turkish			0.8500	0.0750	0.8541	0.8000	0.1732
tvnews1%			0.9385	0.0615	0.9338	0.8656	0.2918
tvnews10%			0.9021	0.0979	0.8941	0.7880	0.4375
ur3_cobotops_grip			0.9782	0.0218	0.7936	0.5202	0.2184
ur3_cobotops_stop			0.9646	0.0354	0.6492	0.1781	0.3486
urban			0.8209	0.0398	0.8303	0.7893	0.1390
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
url-rep1%			0.9862	0.0138	0.9845	0.9691	0.1038
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.8214	0.0893	0.7941	0.7590	0.1937
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			1.0000	0.0000	1.0000	1.0000	0.0000
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6869	0.0569	0.7228	0.6556	0.1546
vowelZ			0.9495	0.0505	0.8293	0.5926	0.1408
wap-wc			0.8077	0.0192	0.6650	0.7865	0.1704
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.8458	0.0441	0.8435	0.8196	0.1925
watch-gyr1%			0.7948	0.0586	0.7915	0.7603	0.2554
water_pollution			0.2767	0.3617	0.2843	0.0351	0.6963
waveform			0.8500	0.1000	0.8500	0.7750	0.3501
weather-related			0.9769	0.0042	0.9785	0.9738	0.0323
web-phishing			0.8741	0.0840	0.8181	0.7773	0.3744
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.9827	0.0069	0.9842	0.9780	0.0352
white-clover			0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9917	0.0083	0.9582	0.9156	0.2543
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.7044	0.0985	0.3567	0.5170	0.3564
winequality-white			0.6605	0.0970	0.3996	0.4673	0.3806
winnipeg10%			0.9969	0.0009	0.9975	0.9961	0.0071
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8125	0.0250	0.7467	0.7983	0.0412
yeast			0.5270	0.0946	0.3307	0.3885	0.3692
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2			0.9527	0.0473	0.6808	0.3410	0.5495
zip			0.9656	0.0069	0.9627	0.9614	0.0585

Table 238: Detailed results for SVMTF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1277	0.0831	0.1136	0.0437	0.5384
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer		0.9512	0.0488	0.6480	0.2445	0.4791
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8994	0.1006	0.7649	0.4038	0.2309
adult		0.8391	0.1609	0.7644	0.5237	0.6479
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9271	0.0729	0.4811	-0.0370	0.6435
AID_652128		0.8586	0.0943	0.4467	0.0833	0.5755
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.6500	0.3500	0.3939	-0.0938	0.8482
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
aids		0.7700	0.2300	0.6616	0.0847	0.3857
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
anneal		0.7978	0.0809	0.5159	0.4177	0.1733
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9652	0.0174	0.9330	0.9346	0.0805
anuran-genus		0.9541	0.0115	0.9209	0.9247	0.0642
anuran-species		0.9292	0.0142	0.9157	0.8976	0.0661
apple-quality		0.9000	0.1000	0.9016	0.8000	0.4144
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.5556	0.0889	0.0714	0.0000	0.2612
auction		0.9167	0.0833	0.7864	0.5427	0.4558
audiology		0.4091	0.1074	0.2000	0.2667	0.3024
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult		0.8286	0.1714	0.7699	0.4808	0.5005
autism-child		0.6207	0.3793	0.6196	0.2387	0.9091
autos		0.5500	0.1500	0.5314	0.3793	0.2588
avila		0.7005	0.0499	0.6870	0.5800	0.2462
babies		0.4355	0.1613	0.1455	0.1165	0.4689
balance		0.9032	0.0645	0.7252	0.8249	0.3170
bank		0.8876	0.1124	0.5926	0.0234	0.3200
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		0.9200	0.0800	0.9201	0.8276	0.2500
barleyblumeria		0.6406	0.3594	0.6236	0.0081	0.4804
basehock		0.5075	0.4925	0.6076	0.0199	0.5280

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.8095	0.1905	0.7948	0.5758	0.6172
biomed		0.9048	0.0952	0.9114	0.8073	0.3522
bitcoin1%		0.9774	0.0065	0.1412	-0.0070	0.2178
breast-cancer		0.6429	0.3571	0.4833	-0.0294	0.9219
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5346	0.5510	0.2080
bridges		0.5000	0.1429	0.0952	0.0000	0.2906
cad		0.9667	0.0333	0.9606	0.9180	0.1262
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
car		0.9598	0.0201	0.9425	0.9151	0.1689
card		0.5942	0.4058	0.6264	0.0398	0.5049
cardiotocography		0.7512	0.0498	0.6811	0.6932	0.2269
cardiotocography-nsp		0.8967	0.0689	0.7961	0.6705	0.2259
cargo2k		0.6294	0.2470	0.7068	0.4358	0.3144
cars		0.7000	0.2000	0.5906	0.4533	0.4857
cas_N6512_cdk_ECFP2		0.5499	0.4501	0.6185	0.1481	0.7000
cas_N6512_rdkit_ATOMPAIR		0.4692	0.5308	0.5476	0.0119	0.5881
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.4899	-0.0009	0.5728
cas_N6512_rdkit_AVALON		0.5622	0.4378	0.6263	0.0537	0.5175
cas_N6512_RDkit_Avalon_FP		0.6028	0.3972	0.6395	0.1516	0.6195
cas_N6512_rdkit_descriptors		0.6631	0.3369	0.7030	0.3487	0.7040
cas_N6512_rdkit_FEATMORGAN		0.5914	0.4086	0.6098	0.1279	0.6985
cas_N6512_RDkit_Featmorgan_FP		0.5859	0.4141	0.6051	0.1163	0.6927
cas_N6512_RDkit_FP		0.5583	0.4417	0.5859	0.0488	0.6103
cas_N6512_rdkit_LAYERED		0.5431	0.4569	0.6279	0.1384	0.6365
cas_N6512_RDkit_Layered_FP		0.6426	0.3574	0.6665	0.3036	0.8024
cas_N6512_rdkit_MACCS		0.6452	0.3548	0.6878	0.3159	0.7174
cas_N6512_RDkit_MACCS_FP		0.6764	0.3236	0.6867	0.3248	0.7347
cas_N6512_rdkit_MORGAN		0.5400	0.4600	0.5478	0.0041	0.5480
cas_N6512_RDkit_morgan_FP		0.4724	0.5276	0.6016	0.0184	0.5307
cas_N6512_rdkit_PATTERN		0.5662	0.4338	0.6040	0.0662	0.5942
cas_N6512_RDkit_pattern_FP		0.5215	0.4785	0.6133	0.1011	0.6196
cas_N6512_rdkit_RDKITFP		0.4977	0.5023	0.5904	0.0590	0.6118
cas_N6512_rdkit_TORSION		0.6631	0.3369	0.6851	0.3420	0.7850
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.6736	0.3264	0.6321	0.1009	0.5469
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9614	0.0386	0.7028	0.2528	0.2471
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9542	0.0458	0.6875	0.1093	0.1272
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9186	0.0814	0.7090	0.2058	0.1950
chrom191%		0.9906	0.0094	0.7131	0.1983	0.2575
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
churn		0.8350	0.1650	0.7074	0.3773	0.6283
ci900367j_MACCS		0.6421	0.3579	0.5905	0.0922	0.6869
circles		0.6370	0.0073	0.6734	0.6333	0.1024
cirrhosis		0.5952	0.2698	0.3878	0.0846	0.4056
cjs		0.8786	0.0405	0.8842	0.8518	0.1121
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.7065	0.1468	0.4467	0.5135	0.2853
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.3333	0.4444	0.1667	0.0000	0.3838
cm1		0.9000	0.1000	0.4737	0.0000	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cmc		0.5646	0.2902	0.5507	0.3053	0.6585
cnae-9		0.1944	0.1790	0.2730	0.0938	0.3760
codon_usage		0.4812	0.0943	0.3706	0.3405	0.2553
coil20		0.0764	0.0924	0.0890	0.0292	0.4051
college		0.8442	0.1558	0.8010	0.5217	0.3261
collins		0.1600	0.1120	0.0756	0.0228	0.3752
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6897	0.3103	0.6221	0.1767	0.7276
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4		0.7241	0.2759	0.6025	0.1831	0.8141
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.5172	0.4828	0.5074	0.0098	0.8733
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.7742	0.1505	0.7128	0.6310	0.3581
cottonmeloidogyne		0.6346	0.3654	0.6429	0.2667	0.8463
coupon		0.6349	0.3651	0.6208	0.2377	0.8950
covtypeCD		0.9846	0.0154	0.9668	0.9323	0.1076
covtypeT		0.9761	0.0239	0.9197	0.8339	0.3989
crabs		0.9500	0.0250	0.9541	0.9333	0.0608
crowdsourced		0.8230	0.0590	0.5879	0.5455	0.1453
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.5000	0.0312	0.4217	0.4839	0.0912
cyclopentane		0.6296	0.3704	0.6207	0.2105	0.8344
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dbworld		0.4286	0.5714	0.3000	0.0000	0.5288
default		0.8063	0.1937	0.6676	0.2750	0.6430
defect		0.8426	0.1574	0.6562	0.0319	0.3038
deposit		0.8841	0.1159	0.6262	0.1813	0.5674
depressed		0.8392	0.1608	0.6649	0.0675	0.3088
dermatology		0.2973	0.2342	0.3074	0.1302	0.3477
desharnais		0.7500	0.1667	0.5333	0.4074	0.2614
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9615	0.0385	0.9602	0.9172	0.1529
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9167	0.0417	0.8912	0.8862	0.0977
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.6000	0.4000	0.3750	0.0000	0.5000
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota210%		0.5272	0.4728	0.3452	0.0000	0.5237
dropout		0.5102	0.3266	0.3935	0.0322	0.3736
drug-01		0.3989	0.1717	0.1290	0.0167	0.3788
drug-02		0.5213	0.1368	0.2027	0.1047	0.4632
drug-03		0.6915	0.1028	0.2147	0.0726	0.2967
drug-04		0.5160	0.1383	0.0997	0.0133	0.4327
drug-05		0.7394	0.0745	0.1856	0.0314	0.1760
drug-06		0.4149	0.1672	0.2142	0.2436	0.4668
drug-07		0.3351	0.2216	0.1530	-0.0461	0.4321
drug-08		0.5426	0.1307	0.1534	0.0846	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-09		0.8457	0.0514	0.1527	-0.0225	0.2637
drug-10		0.5532	0.1277	0.1778	0.0992	0.3988
drug-11		0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12		0.7819	0.0727	0.1463	-0.0139	0.2717
drug-13		0.5904	0.1170	0.1823	0.0848	0.3508
drug-14		0.5585	0.1261	0.1798	0.1144	0.4597
drug-15		0.7553	0.0699	0.1233	0.0078	0.2431
drug-16		0.5691	0.1436	0.3148	0.1734	0.3914
drug-17		0.3936	0.1733	0.2224	0.1381	0.4470
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7500	0.0714	0.1412	0.0199	0.2927
drybean		0.9023	0.0279	0.9227	0.8822	0.1394
ecoli		0.8824	0.0294	0.5578	0.8329	0.0737
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
eeg-eye		0.8191	0.1809	0.8280	0.6420	0.5816
eeg10%		0.2860	0.0893	0.1639	0.1979	0.4938
eucalyptus		0.4384	0.2247	0.4560	0.2280	0.3555
euthyroid		0.9399	0.0601	0.8481	0.6913	0.5235
fbis-wc		0.2114	0.0928	0.0653	0.0054	0.3496
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5882	0.4118	0.5782	0.1171	0.8280
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.7115	0.1442	0.7376	0.5908	0.2541
gas		0.9691	0.0103	0.9728	0.9624	0.0479
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5347	0.3102	0.3766	0.1439	0.5178
gene		0.5962	0.2692	0.5787	0.2133	0.3562
german		0.6500	0.3500	0.3939	0.0000	0.4745
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7619	0.0794	0.7125	0.6591	0.2085
glass-g2		0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP		0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP		0.8095	0.1905	0.7921	0.5000	0.3750
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.8155	0.5682	0.4308
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade		0.7262	0.2738	0.7182	0.4000	0.7075
green		0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage		0.5333	0.2333	0.5780	0.3478	0.3890
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.6323	0.2593	0.8242
har701%		0.8235	0.0504	0.4719	0.7244	0.1800
hayes-roth		0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival		0.5882	0.4118	0.3704	0.0000	0.5049
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7407	0.2593	0.7670	0.4987	0.6583
heart-attack		0.7742	0.2258	0.7813	0.5293	0.6121
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-quantum		0.8400	0.1600	0.8619	0.6875	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
hepatitis			0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs			0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs			0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%			0.4691	0.5309	0.3193	0.0000	0.5307
higher			0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann			0.8000	0.2000	0.4444	0.0000	0.3522
hitters			0.5000	0.5000	0.4980	-0.0039	0.9997
hiv1-proteasa			0.8314	0.1686	0.6509	0.0163	0.3172
hiva			0.9645	0.0355	0.4910	0.0000	0.1045
horse			0.5278	0.3148	0.2303	0.0000	0.3606
htru2			0.9765	0.0235	0.9278	0.8551	0.2726
hypothyroid			0.9257	0.0371	0.4852	0.4241	0.2320
hypothyroidT			0.9496	0.0504	0.7924	0.5147	0.2647
ilpd			0.6949	0.3051	0.5747	0.1352	0.8563
immuno-therapy			0.6667	0.3333	0.4000	-0.1739	0.9159
ionosphere			0.9143	0.0857	0.9146	0.8148	0.3671
iris			1.0000	0.0000	1.0000	1.0000	0.0000
irish			1.0000	0.0000	1.0000	1.0000	0.0000
jm1			0.6832	0.3168	0.6203	0.2204	0.7554
jvowels			0.9920	0.0018	0.9916	0.9909	0.0144
kc1			0.8246	0.1754	0.6380	0.2726	0.7474
kc1-class-level-defectiveornot			0.6000	0.4000	0.3750	0.0000	0.5000
kc1-class-level-numericdefect			0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF			0.9333	0.0667	0.4828	0.0000	0.1675
kc2			0.7500	0.2500	0.6851	0.3574	0.7500
kddcup981%			0.9474	0.0526	0.4865	0.0000	0.1408
kidney-disease			0.9250	0.0750	0.9226	0.8333	0.2345
krvskp			0.7962	0.2038	0.8214	0.5836	0.4265
labor			0.5000	0.5000	0.6604	0.1818	0.5239
leaf			0.7059	0.0256	0.6659	0.6903	0.0779
led24			0.1500	0.1700	0.0261	0.0000	0.3774
lenses			0.3333	0.4444	0.1667	0.0000	0.4167
letter			0.9615	0.0030	0.9622	0.9599	0.0436
leukemia			0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2			0.5714	0.4286	0.3636	0.0000	0.5112
libra			0.4444	0.0741	0.4816	0.3975	0.2386
linkage1%			0.9993	0.0007	0.9498	0.8944	0.0040
liver			0.7941	0.2059	0.7598	0.5182	0.7036
loan			0.9204	0.0796	0.9212	0.8357	0.3600
localization10%			0.6299	0.0673	0.4060	0.5306	0.5091
lrs			0.3962	0.1725	0.0811	0.0000	0.3074
lung			0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete			0.2500	0.3000	0.0800	0.0000	0.3844
lung-cancer			0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1			0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2			0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan			0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario			0.6667	0.3333	0.4000	0.0000	0.4644
lupus			0.8889	0.1111	0.8953	0.7692	0.3145
lymphography			0.6429	0.1786	0.3222	0.2473	0.3585
lymphoma2			0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure			0.9149	0.0851	0.9124	0.8247	0.3936
madelon			0.5000	0.5000	0.3333	0.0000	0.5283
magic04			0.8690	0.1310	0.8544	0.7073	0.5268
mammography			0.8021	0.1979	0.8011	0.6010	0.6576
maternal			0.6832	0.2112	0.6951	0.5103	0.4904
messidor			0.6174	0.3826	0.6126	0.2251	0.9124

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		0.8889	0.0741	0.9106	0.8235	0.1370
meter-C		0.6111	0.1944	0.5056	0.4350	0.2780
meter-D		0.8889	0.0556	0.8711	0.8435	0.1146
mfeat-fac		0.1200	0.1760	0.1857	0.0222	0.4002
mfeat-fou		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar		0.1100	0.1780	0.1444	0.0111	0.4037
mfeat-mor		0.6850	0.0630	0.6837	0.6500	0.1979
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.1350	0.1730	0.2267	0.0389	0.4442
mice-prot		0.3796	0.1551	0.5206	0.2871	0.3107
milk		0.9528	0.0314	0.9503	0.9282	0.0935
mines		0.5294	0.1882	0.4760	0.4113	0.3815
mobile		0.0175	0.0351	0.0006	0.0000	0.4297
monks-1		0.9273	0.0727	0.9317	0.8541	0.2605
monks-2		0.8852	0.1148	0.8770	0.7240	0.2925
monks-3		0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		0.9397	0.0603	0.9427	0.8788	0.2301
musk		0.8955	0.1045	0.7784	0.4471	0.2389
MUT_ci300400a_cdk_ECFP2		0.6511	0.3489	0.6458	0.2007	0.6829
MUT_ci300400a_cdk_ECFP4		0.5066	0.4934	0.6413	0.1311	0.5469
MUT_ci300400a_cdk_ECFP6		0.6275	0.3725	0.6527	0.1253	0.5175
MUT_ci300400a_cdk_ESTATE		0.7326	0.2674	0.7227	0.4211	0.7276
MUT_ci300400a_cdk_EXTENDED		0.6415	0.3585	0.6634	0.1619	0.5287
MUT_ci300400a_cdk_FCFP2		0.7078	0.2922	0.7080	0.3446	0.6485
MUT_ci300400a_cdk_FCFP4		0.6583	0.3417	0.6595	0.2157	0.6465
MUT_ci300400a_cdk_FCFP6		0.6619	0.3381	0.6761	0.2186	0.5688
MUT_ci300400a_cdk_MACCS		0.6894	0.3106	0.6939	0.2956	0.6265
MUT_ci300400a_cdk_PUBCHEM		0.7018	0.2982	0.7104	0.3236	0.5897
MUT_ci300400a_cdk_STANDARD		0.6623	0.3377	0.6780	0.2181	0.5578
MUT_ci300400a_rdkit_descriptors		0.7581	0.2419	0.7838	0.5312	0.6244
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.9226	0.0774	0.9263	0.8453	0.3089
NCI60		0.1667	0.2778	0.0476	0.0000	0.4024
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.8106	0.0199	0.4246	0.5885	0.9421
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6107	0.3893	0.6065	0.2038	0.8995
NHANES_age_prediction		0.9295	0.0705	0.8577	0.6946	0.3346
NPHA-doctor-visits		0.3333	0.4444	0.3024	0.0131	0.5031
nursery		0.9452	0.0274	0.8511	0.9191	0.1141
obs		0.9074	0.0463	0.9170	0.8606	0.1415
occupancy		0.9898	0.0102	0.9860	0.9717	0.1196
Occupancy_Estimation		0.9704	0.0148	0.9165	0.9110	0.0961
oh0-wc		0.1782	0.1644	0.0303	0.0000	0.3798
oh10-wc		0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc		0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc		0.1538	0.1692	0.0267	0.0000	0.3900
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%		0.9113	0.0887	0.6123	0.1240	0.4709
optdigits		0.2046	0.1591	0.2688	0.1060	0.3685
optdigitsZ		0.9128	0.0872	0.6652	0.0359	0.2033
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.6753	0.3247	0.6138	0.0680	0.5470
P-Glycoprotein_c_RDkit_AtomPair_FP		0.5476	0.4524	0.6186	0.0360	0.5206
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9122	0.0351	0.5679	0.6307	0.6188
parkinson		0.8833	0.1167	0.8800	0.7523	0.4400
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle10%		0.8292	0.1708	0.7818	0.4893	0.4300
pasture		0.2500	0.5000	0.1667	-0.0909	0.3508
pc1		0.8829	0.1171	0.4689	-0.0587	0.7104
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia		0.2353	0.2185	0.0544	0.0000	0.3686
pendigits		0.9854	0.0029	0.9857	0.9838	0.0253
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.5950	0.1818	0.8798
phishing		0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL10%		0.8698	0.1302	0.8766	0.7236	0.3363
phone-acc0.1%		0.6776	0.0921	0.6715	0.6216	0.3318
phone-gyr0.1%		0.6935	0.0876	0.6942	0.6405	0.3381
phoneme		0.8463	0.1537	0.8008	0.5882	0.5726
pima		0.7368	0.2632	0.7271	0.3930	0.6335
pirvision		0.9869	0.0087	0.9692	0.9590	0.1142
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker1%		0.4907	0.1455	0.1413	0.0244	0.3224
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9459	0.0541	0.5970	0.0902	0.3993
polish-5th		0.9239	0.0761	0.6589	0.3089	0.6260
polya		0.6605	0.3395	0.6352	0.0666	0.4959
post-operative		0.5556	0.2963	0.2381	-0.2000	0.4881
pred-tox_mutagen_ref-desc		0.6765	0.3235	0.6888	0.3529	0.7860
prestige		0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor		0.3333	0.1026	0.2431	0.2083	0.3098
profb		0.4179	0.5821	0.5236	0.0297	0.7763
promoters		0.6000	0.4000	0.3750	0.0000	0.5000
prostate		0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE		0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio10%		0.9608	0.0157	0.9389	0.9471	0.0868
pufs-641%		0.5012	0.4988	0.5562	0.0017	0.5367
raisin		0.9222	0.0778	0.9232	0.8444	0.3519
re0-wc		0.2667	0.1128	0.1092	0.0669	0.3081
re1-wc		0.2048	0.0636	0.0443	0.0073	0.3334
rejafada		0.9648	0.0352	0.4910	0.0000	0.1039
relathe		0.5493	0.4507	0.6129	0.0167	0.5191
rnaseq		0.1750	0.3300	0.0596	0.0000	0.3826
rocket		0.6488	0.3512	0.6443	0.2870	0.8750
satimage		0.8958	0.0347	0.8797	0.8712	0.1722
satimageF		0.9798	0.0202	0.9463	0.8910	0.1828
satimageT		0.9425	0.0575	0.8385	0.6768	0.4894
scadi		0.1429	0.2449	0.0357	0.0000	0.3180
schiller		0.7778	0.2222	0.4375	0.0000	0.3750
schizo		0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis		0.8148	0.1852	0.8163	0.6154	0.5782
secom		0.9359	0.0641	0.4834	0.0000	0.1628
seeds		0.9524	0.0317	0.9553	0.9286	0.0868

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
segment			0.9307	0.0198	0.9386	0.9190	0.0804
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			0.9913	0.0087	0.9828	0.9655	0.1114
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
shoppers			0.8735	0.1265	0.7130	0.3850	0.5761
sick			0.9496	0.0504	0.7646	0.5113	0.4815
sirtuin6			0.9000	0.1000	0.9083	0.8000	0.3145
skin10%			0.9914	0.0086	0.9873	0.9743	0.1138
smarket			0.8640	0.1360	0.8775	0.7261	0.3626
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
solar-flare			0.6906	0.1031	0.6125	0.6074	0.3222
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.5294	0.0495	0.4014	0.4639	0.2386
spambase			0.8478	0.1522	0.8449	0.6639	0.4617
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer			0.0962	0.0670	0.0442	0.0212	0.3870
splice-EI			0.8139	0.1861	0.7422	0.3473	0.3515
splice-IE			0.8265	0.1735	0.7460	0.3570	0.3360
sport-articles			0.8100	0.1900	0.8159	0.6160	0.6102
squash-stored			0.6000	0.2667	0.5714	0.3750	0.2113
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
steel_industry			0.7814	0.1457	0.7705	0.6592	0.3988
steel-b			0.8051	0.1949	0.6726	0.1109	0.3500
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9692	0.0308	0.9524	0.9001	0.1086
steel-o			0.8410	0.1590	0.8380	0.6671	0.5776
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9692	0.0308	0.9090	0.8164	0.3047
stockb			0.9471	0.0352	0.9507	0.9207	0.1189
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5750	0.1700	0.3536	0.3616	0.4446
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy1%			0.7892	0.2108	0.7872	0.5729	0.6819
tae			0.4667	0.3556	0.5201	0.2000	0.5918
texture			0.9564	0.0079	0.9617	0.9519	0.0526
theorem			0.9345	0.0655	0.9353	0.8623	0.2251
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.8158	0.1842	0.7748	0.4481	0.3584
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8136	0.1864	0.7881	0.5021	0.4299
tourist			0.5000	0.1667	0.1111	0.0000	0.2923
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7647	0.2353	0.7536	0.3929	0.4155
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6933	0.3067	0.5716	0.1431	0.8650
trec11-wc			0.1707	0.1843	0.0324	0.0000	0.3496
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9910	0.0090	0.9865	0.9726	0.1201
turkish			0.3000	0.3500	0.3921	0.0667	0.3906
tvnews1%			0.4077	0.5923	0.6006	0.0458	0.5198
tvnews10%			0.6569	0.3431	0.6143	0.0961	0.6030
ur3_cobotops_grip			0.9673	0.0327	0.7202	0.4379	0.5513
ur3_cobotops_stop			0.9578	0.0422	0.7824	0.5426	0.5672
urban			0.1940	0.1791	0.1266	0.0187	0.3685
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7619	0.1190	0.7150	0.6735	0.2596
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.8140	0.1860	0.8396	0.6309	0.4230
vowel			0.5253	0.0863	0.5912	0.4778	0.2479
vowelZ			0.9293	0.0707	0.7480	0.3419	0.1774
warpar10p			0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%			0.7498	0.0715	0.7541	0.7076	0.2976
watch-gyr1%			0.6881	0.0891	0.7029	0.6359	0.3511
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
web-phishing			0.8370	0.1086	0.7734	0.7049	0.4190
Weekly			0.8704	0.1296	0.8790	0.7296	0.3405
white-clover			0.3333	0.3333	0.1250	0.0000	0.1934
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9834	0.0166	0.9247	0.8432	0.3929
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6415	0.1195	0.3061	0.4267	0.3814
winequality-white			0.6033	0.1322	0.3639	0.3602	0.3868
wisc_bc			0.6316	0.3684	0.3871	0.0000	0.4848
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.5270	0.0946	0.3203	0.3809	0.3743
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.9797	0.0203	0.7662	0.3934	0.0680
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9595	0.0405	0.7445	0.4795	0.5174
zip			0.2634	0.1473	0.1920	0.1193	0.3544

Table 239: Detailed results for SVMW2

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.2000	0.0762	0.1232	0.1181	0.4851
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8468	0.1532	0.7737	0.5387	0.6199
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.7619	0.2381	0.4672	-0.0588	0.6265
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9029	0.0971	0.4745	-0.0425	0.6928
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		1.0000	0.0000	1.0000	1.0000	0.0000
AID439red		1.0000	0.0000	1.0000	1.0000	0.0000
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8498	0.1502	0.7835	0.5584	0.6065
air_pollution		0.1100	0.2543	0.1058	-0.0081	0.5152
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7714	0.0914	0.4443	0.4449	0.2345
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8465	0.1535	0.8290	0.6549	0.5760
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9527	0.0236	0.9126	0.9088	0.1302
anuran-genus		0.9750	0.0063	0.9434	0.9586	0.0880
anuran-species		0.9875	0.0025	0.9670	0.9826	0.0359
anxiety		0.1167	0.1963	0.0726	0.0016	0.6690
apple-quality		0.7325	0.2675	0.7333	0.4650	0.7718
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia		0.6889	0.0622	0.5539	0.4793	0.3868
auction		0.8922	0.1078	0.7034	0.2780	0.3887
audiology		0.9091	0.0165	0.9441	0.8932	0.0533
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.4828	0.5172	0.3256	0.0000	0.5300
autos		0.8000	0.0800	0.8082	0.7297	0.1834
avila		0.5582	0.0736	0.4227	0.3382	0.3380
babies		0.4355	0.1613	0.1402	0.0970	0.3740
balance		0.9194	0.0538	0.8845	0.8604	0.3020
bank		0.9075	0.0925	0.7266	0.4241	0.5497
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.9548	0.0452	0.9548	0.9095	0.2468
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.9048	0.0952	0.8990	0.7981	0.4308
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.6313	0.1843	0.6396	0.5085	0.4843
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5743	0.5644	0.1538
bridges		0.9000	0.0333	0.8192	0.8485	0.0568
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.6250	0.3750	0.6291	0.2500	0.8686
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9023	0.0489	0.8811	0.7945	0.2581
car-insurance		0.8300	0.1700	0.7992	0.5977	0.6372
card		0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography		0.8216	0.0357	0.7422	0.7852	0.2231
cardiotocography-nsp		0.8967	0.0689	0.8174	0.7108	0.2998
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.6111	0.4931	0.4921
cas_N6512_cdk_ECFP2		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR		0.7308	0.2692	0.7286	0.4569	0.7799
cas_N6512_RDkit_AtomPair_FP		0.7132	0.2868	0.7106	0.4207	0.8040
cas_N6512_rdkit_AVALON		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors		0.7369	0.2631	0.7384	0.4746	0.7638
cas_N6512_rdkit_FEATMORGAN		0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP		0.7377	0.2623	0.7355	0.4705	0.7691
cas_N6512_RDkit_FP		0.7086	0.2914	0.7058	0.4107	0.8096
cas_N6512_rdkit_LAYERED		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP		0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7158	0.2842	0.7327	0.4067	0.6465
cas_N6512_RDkit_MACCS_FP		0.7147	0.2853	0.7141	0.4156	0.7734
cas_N6512_rdkit_MORGAN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN		0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP		0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP		0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds		0.9643	0.0357	0.6915	0.2217	0.2441
ccds1%		0.9396	0.0604	0.4844	-0.0288	0.6429
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7876	0.2124	0.7715	0.5422	0.7035
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.4871	-0.0029	0.2827
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.4064	0.2968	0.1445	0.0000	0.3286
chrom19		0.9995	0.0005	0.8619	0.7175	0.2940
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9992	0.0008	0.7839	0.5621	0.4216
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8020	0.1980	0.6119	0.1393	0.6202
churn-bigml		0.8727	0.1273	0.6855	0.2506	0.4495
ci900367j_MACCS		0.7368	0.2632	0.7254	0.4498	0.7759
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7857	0.1429	0.5337	0.5685	0.3575
cjs		0.5357	0.1548	0.5376	0.4542	0.2313
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8046	0.0977	0.5645	0.6930	0.3144
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.5833	0.2778	0.6077	0.3182	0.5379
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4752	0.2083	0.7468
cnae-9		0.9444	0.0123	0.9465	0.9375	0.0615
codon_usage		0.8918	0.0197	0.7433	0.8683	0.1629
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.6800	0.0427	0.5610	0.6443	0.1373
colon-tumor		0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1		0.6552	0.3448	0.5841	0.1570	0.8836
colposcopies-2		0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3		0.6552	0.3448	0.6415	0.2120	0.7262
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c		0.7931	0.2069	0.6969	0.2018	0.3671
column-2c		0.9677	0.0323	0.9634	0.9242	0.1262
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
connect-4		0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne		0.7668	0.2332	0.7669	0.5337	0.7225

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
coupon		0.6782	0.3218	0.6687	0.3359	0.8508
covid19		0.4761	0.1497	0.0922	0.0000	0.2297
covtype		0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%		0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD		0.9493	0.0507	0.8883	0.7748	0.3746
covtypeT		0.9455	0.0545	0.7592	0.5035	0.5042
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced		0.8986	0.0338	0.7347	0.7854	0.2276
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.4062	0.0297	0.2600	0.3902	0.0838
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands		0.7037	0.2963	0.7303	0.3344	0.4688
darwin		0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8153	0.1847	0.6874	0.3024	0.5939
defect		0.8796	0.1204	0.7449	0.3728	0.3479
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8998	0.1002	0.7072	0.3753	0.5564
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.7500	0.1667	0.7690	0.6098	0.3265
DIA		0.8000	0.2000	0.7000	0.3143	0.5664
diabetes		0.8846	0.1154	0.8781	0.7562	0.4872
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%		0.5980	0.2680	0.4019	0.1714	0.4398
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9777	0.9771	0.0437
diamonds_all		0.6676	0.1330	0.5582	0.5119	0.3962
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih		0.5833	0.4167	0.5845	0.1667	0.9267
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9950	0.0050	0.5678	0.1354	0.5306
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.5273	0.4727	0.3452	0.0000	0.5237
dota210%		0.5709	0.4291	0.5674	0.1339	0.9520
drebin		0.6301	0.3699	0.3865	0.0000	0.4856
dropout		0.7630	0.1580	0.6801	0.6022	0.4647
drug-01		0.4202	0.1657	0.1371	0.0660	0.3855
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1172	0.0096	0.1975
drug-04		0.5372	0.1322	0.1776	0.0213	0.2885
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4149	0.1672	0.2191	0.2495	0.5151
drug-07		0.4362	0.1611	0.1697	0.0100	0.2455
drug-08		0.5479	0.1292	0.1659	0.0374	0.3812
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-10		0.5479	0.1292	0.1500	0.1239	0.3577
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6277	0.1064	0.1812	0.2702	0.3602
drug-14		0.6011	0.1140	0.2294	0.2347	0.3831
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5851	0.1185	0.2380	0.2897	0.3885
drug-17		0.3670	0.1809	0.1777	0.1186	0.4914
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9302	0.0199	0.9421	0.9156	0.1151
ecoli		0.8529	0.0490	0.7121	0.7957	0.1665
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2800	0.3600	0.2990	0.0323	0.6733
eeg		0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye		0.6115	0.3885	0.6125	0.1621	0.7640
eeg10%		0.3638	0.0795	0.3714	0.2944	0.6098
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.4932	0.2027	0.4013	0.3003	0.3285
euthyroid		0.9589	0.0411	0.8930	0.7831	0.4396
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.8951	0.1049	0.8971	0.7907	0.4309
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc		0.0163	0.1157	0.0019	0.0000	0.3803
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.9020	0.0980	0.9009	0.8012	0.4232
financial-risk		0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch		0.8125	0.0625	0.8486	0.7659	0.1160
flags		0.3000	0.2000	0.0659	0.0000	0.3486
forest		0.9231	0.0385	0.9006	0.8941	0.1186
gas		0.9935	0.0022	0.9936	0.9922	0.0181
gastrointestinal		0.6250	0.2500	0.6148	0.4182	0.4923
gender		0.6021	0.2653	0.3807	0.1449	0.5100
gene		0.9148	0.0568	0.9047	0.8646	0.2402
german		0.7600	0.2400	0.7248	0.4103	0.6710
gestures		0.2517	0.3741	0.1005	0.0000	0.4040
gina		0.5101	0.4899	0.3378	0.0000	0.5269
glass		0.6667	0.1111	0.6934	0.5288	0.2337
glass-g2		0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.6000	0.2000	0.6353	0.4479	0.4117
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.1812	0.1365	0.0256	0.0000	0.3246

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har		0.7946	0.0822	0.7859	0.7387	0.3340
har70		0.7755	0.0641	0.4003	0.6341	0.1240
har701%		0.7752	0.0642	0.3988	0.6337	0.1260
har7010%		0.7756	0.0641	0.4001	0.6344	0.1238
harth		0.4492	0.0918	0.0517	0.0000	0.2692
harth1%		0.6813	0.0531	0.2493	0.5480	0.1987
harth10%		0.6809	0.0532	0.2591	0.5472	0.1975
hayes-roth		0.4375	0.3750	0.4609	0.1000	0.6085
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.8500	0.1500	0.8206	0.6182	0.5065
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.8362	0.1638	0.8362	0.6724	0.5912
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%		0.6691	0.3309	0.6685	0.3248	0.8327
higgs1%		0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%		0.5295	0.4705	0.3462	0.0000	0.5232
higher		0.3571	0.1607	0.2679	0.2270	0.2388
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9359	0.0641	0.8849	0.7696	0.4222
hiva		0.9433	0.0567	0.5571	0.1137	0.6245
horse		0.6667	0.2222	0.4904	0.3581	0.3902
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8561	0.1439	0.4612	-0.0135	0.4899
ht-sensor		0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%		0.5865	0.2756	0.5899	0.3782	0.6422
htru2		0.9804	0.0196	0.9389	0.8746	0.1719
hypothyroid		0.9602	0.0199	0.6301	0.7343	0.2076
hypothyroidT		0.9682	0.0318	0.8780	0.7234	0.0997
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9513	0.0243	0.9519	0.9351	0.0958
ionosphere		0.9143	0.0857	0.8990	0.7961	0.3975
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9358	0.0049	0.9367	0.9332	0.0569
jm1		0.8090	0.1910	0.5989	0.0501	0.4618
jvowels		0.9598	0.0089	0.9578	0.9545	0.0645
kc1		0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6154	0.1538	0.3650	0.2935	0.3817
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007		0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99		0.5732	0.0427	0.0364	0.0000	0.1398
kddcup991%		0.0020	0.1535	0.0003	0.0000	0.2182
kddcup9910%		0.5684	0.0454	0.0381	0.0000	0.1484

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kepler		0.8776	0.0816	0.8358	0.7978	0.2191
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2895	0.0789	0.2492	0.1970	0.5500
krvskp		0.9687	0.0313	0.9690	0.9373	0.1810
la2s-wc		0.2517	0.2494	0.0670	0.0000	0.3690
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.8235	0.0153	0.7675	0.8139	0.0476
led24		0.6000	0.0800	0.5526	0.5467	0.1533
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8475	0.0117	0.8488	0.8413	0.1608
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.9167	0.0111	0.9305	0.9104	0.0399
linkage		0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%		0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%		0.9963	0.0037	0.4991	0.0000	0.0166
liver		0.8235	0.1765	0.7914	0.5768	0.6309
loan		0.9274	0.0726	0.9225	0.8449	0.3560
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.1650	0.1518	0.0258	0.0000	0.3230
lrs		0.8868	0.0323	0.6612	0.8412	0.0526
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure		0.8830	0.1170	0.8800	0.7599	0.4864
madelon		0.5423	0.4577	0.5425	0.0846	0.9717
magic04		0.7827	0.2173	0.7537	0.5002	0.7021
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8438	0.1562	0.8434	0.6867	0.5753
marketing		0.8705	0.1295	0.7007	0.1904	0.2699
maternal		0.6337	0.2442	0.6420	0.4358	0.5425
math		0.7750	0.1125	0.7031	0.6407	0.3058
mba		0.8226	0.1183	0.4058	0.1916	0.3904
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2200	0.3120	0.1265	0.0228	0.5350
messidor		0.7043	0.2957	0.7119	0.4147	0.7881
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.9444	0.0278	0.9571	0.9227	0.0673
meter-D		0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac		0.9650	0.0070	0.9658	0.9611	0.0385
mfeat-fou		0.8550	0.0290	0.8565	0.8389	0.1452
mfeat-kar		0.9600	0.0080	0.9608	0.9556	0.0507
mfeat-mor		0.7050	0.0590	0.7079	0.6722	0.2079
mfeat-pix		0.9850	0.0030	0.9856	0.9833	0.0163
mfeat-zer		0.8600	0.0280	0.8354	0.8444	0.0792
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8113	0.1258	0.8400	0.7220	0.2820
mines		0.5000	0.2000	0.4135	0.3724	0.3912
mobile		0.8007	0.0071	0.8101	0.7971	0.0946

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.8036	0.1964	0.8117	0.6031	0.5888
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4806	0.0944	0.4835	0.3662	0.5214
musk		0.9348	0.0652	0.8680	0.6988	0.1763
MUT_ci300400a_cdk_ECFP2		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6		0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE		0.7170	0.2830	0.7049	0.4070	0.8005
MUT_ci300400a_cdk_EXTENDED		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6		0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS		0.7542	0.2458	0.7459	0.4706	0.6974
MUT_ci300400a_cdk_PUBCHEM		0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD		0.7892	0.2108	0.7836	0.5671	0.6904
MUT_ci300400a_rdkit_descriptors		0.7820	0.2180	0.7755	0.5497	0.6992
myocardial		0.8588	0.0353	0.2148	0.1847	0.1143
naticusdroid		0.5012	0.4988	0.3339	0.0000	0.5282
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.8819	0.0124	0.2442	0.6241	0.1696
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9029	0.0971	0.6243	0.0059	0.2299
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6463	0.3537	0.6437	0.2867	0.8842
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5278	0.3148	0.3489	0.0400	0.5118
nursery		0.9066	0.0467	0.8600	0.8660	0.1521
obesity		0.8246	0.0501	0.8490	0.7959	0.1446
obs		0.7963	0.1019	0.8403	0.6883	0.2279
occupancy		0.9883	0.0117	0.9840	0.9676	0.1306
Occupancy_Estimation		0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc		0.7921	0.0416	0.7643	0.7601	0.1923
oh10-wc		0.6762	0.0648	0.6261	0.6293	0.2932
oh15-wc		0.6630	0.0674	0.6423	0.6176	0.3342
oh5-wc		0.8242	0.0352	0.8160	0.8011	0.1591
olive		0.9474	0.0117	0.9501	0.9339	0.0286
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9786	0.0043	0.9794	0.9763	0.0331
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9289	0.0711	0.6520	0.1647	0.3724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.7887	0.2113	0.7693	0.5377	0.7048
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8651	0.1349	0.8647	0.7293	0.5256
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9726	0.0110	0.8527	0.8321	0.0885
parkinson		0.9833	0.0167	0.9831	0.9657	0.1129

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons			0.8057	0.1943	0.8008	0.5980	0.6561
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.7194	0.2806	0.4184	0.0000	0.4268
particle10%			0.8831	0.1169	0.8606	0.7194	0.5287
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.4948	0.5052	0.4861	-0.0278	0.9958
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8158	0.1842	0.7544	0.5088	0.6968
pediatric-leukemia			0.8235	0.0504	0.7624	0.7804	0.1295
pendigits			0.9782	0.0044	0.9783	0.9757	0.0347
period			0.6667	0.3333	0.6582	0.3077	0.8309
period-10f			0.5556	0.4444	0.3571	-0.2000	0.9762
persistency			0.8076	0.1924	0.7920	0.5823	0.6597
personalities			0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption			0.9100	0.0900	0.8992	0.7831	0.3023
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%			1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%			0.1531	0.2420	0.0379	0.0000	0.4011
phone-acc1%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%			0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr			0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%			0.1594	0.2402	0.0393	0.0000	0.3999
phone-gyr1%			0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%			0.1687	0.2375	0.0412	0.0000	0.3985
phoneme			0.7796	0.2204	0.7260	0.4520	0.7452
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.9928	0.0048	0.9875	0.9772	0.0519
placement			0.7990	0.2010	0.7942	0.5884	0.6720
plant-growth			0.7895	0.2105	0.8224	0.5870	0.4472
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9340	0.0660	0.6550	0.1225	0.2859
polya			0.7838	0.2162	0.7590	0.5146	0.7066
popularity			0.6603	0.2265	0.4077	0.1892	0.4601
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc			0.6471	0.3529	0.6494	0.2941	0.8709
prestige			1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor			0.4545	0.0839	0.3519	0.3889	0.2605
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7313	0.2687	0.6710	0.2726	0.6759
promoters			0.9000	0.1000	0.9010	0.7826	0.2846
prostate			0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.8576	0.0570	0.8143	0.8095	0.2171
pufs-128			0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5042	0.4958	0.5042	0.0083	0.9977
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.8333	0.0256	0.7731	0.7848	0.2651
re1-wc			0.7530	0.0198	0.6342	0.7211	0.2435
rejafada			0.9698	0.0302	0.7232	0.2433	0.0927
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6023	0.3977	0.5725	0.1405	0.9286
RT_IOT2022			0.7689	0.0385	0.0724	0.0000	0.1480
satimage			0.8771	0.0410	0.8570	0.8488	0.1885
satimageF			0.9829	0.0171	0.9552	0.9101	0.1937
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.6667	0.3333	0.5950	0.1818	0.8134
schizo			0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.8974	0.1026	0.6430	0.2794	0.6426
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9567	0.0124	0.9613	0.9494	0.0562
segmentation			0.8267	0.1733	0.8079	0.6140	0.6248
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8658	0.1342	0.5694	0.0500	0.4928
sens-5-gram			0.8763	0.1237	0.6487	0.1479	0.4234
sens-6-gram			0.8658	0.1342	0.5503	0.0232	0.4453
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8658	0.1342	0.4640	-0.0052	0.3810
sens-9-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8816	0.1184	0.7336	0.4180	0.5243
shuttle			0.9855	0.0041	0.8405	0.9592	0.1518
sick			0.9655	0.0345	0.8435	0.6656	0.3054
sirtuin6			0.8000	0.2000	0.8276	0.6000	0.4308
skin			0.9299	0.0701	0.9050	0.8030	0.4312
skin10%			0.9273	0.0727	0.8994	0.7936	0.4426
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1600	0.4200	0.1362	-0.1302	0.8538
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.2067	0.3173	0.1159	0.0064	0.5415
solar-flare			0.7410	0.0863	0.5659	0.6658	0.1915
sonar			0.5000	0.5000	0.5000	0.0000	1.0000
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9415	0.0585	0.8026	0.5886	0.4446
spambase			0.9152	0.0848	0.9111	0.8202	0.3754
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8000	0.2000	0.7515	0.3797	0.3716

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
spectrometer			0.5769	0.0313	0.4348	0.5521	0.1351
splice-EI			0.9527	0.0473	0.9407	0.8791	0.3179
splice-IE			0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles			0.8400	0.1600	0.8254	0.6449	0.5756
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	1.0000	1.0000	0.0000
startup			0.9355	0.0645	0.9313	0.8531	0.2092
steel_industry			0.7651	0.1566	0.7199	0.6206	0.4560
steel-b			0.8308	0.1692	0.7149	0.4114	0.6677
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.7487	0.2513	0.7094	0.3765	0.6874
steel-p			0.9231	0.0769	0.7662	0.5295	0.6033
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9641	0.0359	0.9061	0.8093	0.4129
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.9236	0.0764	0.8659	0.7297	0.4443
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.8080	0.1920	0.8061	0.6121	0.6516
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6450	0.1420	0.3630	0.4131	0.3999
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.4100	0.2360	0.1886	0.0638	0.4631
student-weekend			0.3846	0.2462	0.1673	0.0796	0.4928
student-workday			0.6875	0.1250	0.1630	-0.0191	0.3344
studentap			0.5385	0.3077	0.5442	0.3036	0.6613
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.7930	0.2070	0.7936	0.5764	0.6455
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
tae			0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn			0.8991	0.1009	0.8714	0.7428	0.4910
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.7524	0.2476	0.4294	0.0000	0.3989
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.5000	0.2000	0.1333	0.0000	0.3236
tox_171			1.0000	0.0000	1.0000	1.0000	0.0000
toxicity			0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec12-wc			0.9032	0.0242	0.9196	0.8821	0.0667
trec21-wc			0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc			0.5714	0.1429	0.4055	0.4167	0.3279
trec31-wc			0.9570	0.0143	0.9539	0.9431	0.0895
trec41-wc			0.8409	0.0318	0.7315	0.8022	0.1467
trec45-wc			0.7536	0.0493	0.6922	0.7112	0.2285
tuandromd			0.9821	0.0179	0.9722	0.9443	0.1640
turkish			0.8000	0.1000	0.8041	0.7333	0.2397
tvnews			0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%			0.9308	0.0692	0.9272	0.8533	0.3522
tvnews10%			0.8967	0.1033	0.8878	0.7739	0.4414
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7910	0.0464	0.7851	0.7560	0.1818
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9853	0.0147	0.4963	-0.0066	0.5661
ustilago10%			0.9841	0.0159	0.6293	0.2586	0.5621
vehicle			0.7857	0.1071	0.7672	0.7134	0.2071
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.8333	0.1667	0.8537	0.6667	0.4644
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.5859	0.0753	0.6394	0.5444	0.2021
vowelZ			0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.8141	0.0186	0.5852	0.7915	0.1229
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.1469	0.2438	0.0366	0.0000	0.4014
watch-acc10%			0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%			0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%			0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution			0.2300	0.3850	0.1943	-0.0224	0.7206
waveform			0.8420	0.1053	0.8423	0.7630	0.3632
weather-related			0.9019	0.0178	0.9271	0.8895	0.0684
web-phishing			0.8000	0.1333	0.6473	0.6267	0.4185
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.2843	0.2863	0.0886	0.0000	0.3862
white-clover			0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9752	0.0248	0.8590	0.7144	0.3739
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5912	0.1363	0.2764	0.3273	0.3901
winequality-white			0.5297	0.1344	0.2555	0.2347	0.4208
winnipeg			0.0035	0.2847	0.0010	0.0000	0.3888
winnipeg10%			0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.4865	0.1027	0.3710	0.3423	0.4330
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9662	0.0338	0.7155	0.4272	0.5783
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9452	0.0110	0.9415	0.9385	0.0835

Table 240: Detailed results for SVMWRBF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1735	0.0787	0.1176	0.0774	0.4934
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.9634	0.0366	0.9213	0.8297	0.1164
adult		0.8507	0.1493	0.7782	0.5444	0.6005
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8920	0.1080	0.8466	0.6848	0.4742
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.7048	0.1181	0.2088	0.1563	0.2652
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8558	0.1442	0.8403	0.6798	0.5623
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9889	0.0056	0.9548	0.9788	0.0306
anuran-genus		0.9930	0.0017	0.9814	0.9886	0.0149
anuran-species		0.9917	0.0017	0.9897	0.9884	0.0152
anxiety		0.0667	0.2074	0.0633	-0.0525	0.8354
apple-quality		0.8800	0.1200	0.8805	0.7600	0.4827
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%		0.0080	0.9920	0.0080	0.0000	0.0228
arcene		0.6000	0.4000	0.6021	0.2000	0.9053
arrhythmia		0.6667	0.0667	0.3580	0.3686	0.2687

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9069	0.0931	0.7535	0.4444	0.4313
audiology		0.7273	0.0496	0.5588	0.6667	0.1317
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6500	0.1400	0.6207	0.5189	0.2890
avila		0.7614	0.0398	0.7392	0.6753	0.2596
babies		0.4516	0.1567	0.1486	0.1296	0.3779
balance		0.9032	0.0645	0.6228	0.8178	0.1771
bank		0.9087	0.0913	0.7358	0.4515	0.5616
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9217	0.0783	0.9158	0.8240	0.3067
basehock		0.9548	0.0452	0.9548	0.9095	0.2467
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9966	0.0034	0.8943	0.7809	0.2098
biodeg		0.8857	0.1143	0.8788	0.7577	0.4851
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.5969	0.5600	0.1943
bridges		0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9368	0.0316	0.9149	0.8697	0.2437
car-insurance		0.8420	0.1580	0.8160	0.6320	0.6136
card		0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography		0.8028	0.0394	0.7670	0.7612	0.1965
cardiotocography-nsp		0.9061	0.0626	0.8209	0.7277	0.2697
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.9772	0.0152	0.9779	0.9657	0.0697
cars		0.7500	0.1667	0.6446	0.5455	0.5115
cas_N6512_cdk_ECFP2		0.7803	0.2197	0.7794	0.5587	0.7008
cas_N6512_rdkit_ATOMPAIR		0.7523	0.2477	0.7522	0.5037	0.7451
cas_N6512_RDkit_AtomPair_FP		0.7715	0.2285	0.7707	0.5412	0.7157
cas_N6512_rdkit_AVALON		0.8065	0.1935	0.8051	0.6101	0.6534
cas_N6512_RDkit_Avalon_FP		0.8359	0.1641	0.8352	0.6702	0.5932
cas_N6512_rdkit_descriptors		0.7969	0.2031	0.7967	0.5928	0.6697
cas_N6512_rdkit_FEATMORGAN		0.7665	0.2335	0.7649	0.5297	0.7248
cas_N6512_RDkit_Featmorgan_FP		0.8052	0.1948	0.8039	0.6077	0.6556
cas_N6512_RDkit_FP		0.7684	0.2316	0.7671	0.5342	0.7216
cas_N6512_rdkit_LAYERED		0.7831	0.2169	0.7837	0.5659	0.6919
cas_N6512_RDkit_Layered_FP		0.7638	0.2362	0.7623	0.5246	0.7292
cas_N6512_rdkit_MACCS		0.8003	0.1997	0.7989	0.5952	0.6570
cas_N6512_RDkit_MACCS_FP		0.7960	0.2040	0.7954	0.5905	0.6724

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.8123	0.1877	0.8109	0.6217	0.6414
cas_N6512_RDkit_morgan_FP		0.7914	0.2086	0.7903	0.5806	0.6816
cas_N6512_rdkit_PATTERN		0.7954	0.2046	0.7956	0.5902	0.6710
cas_N6512_RDkit_pattern_FP		0.7791	0.2209	0.7788	0.5571	0.7016
cas_N6512_rdkit_RDKITFP		0.7896	0.2104	0.7884	0.5768	0.6849
cas_N6512_rdkit_TORSION		0.7646	0.2354	0.7654	0.5292	0.7227
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8342	0.1658	0.8376	0.6595	0.5681
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9767	0.0233	0.8527	0.6560	0.0768
cervical-S		0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9991	0.0009	0.7856	0.5710	0.4672
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8450	0.1550	0.7267	0.3905	0.5411
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7053	0.2947	0.6729	0.3303	0.8030
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.6905	0.2063	0.4587	0.3710	0.4457
cjs		0.9857	0.0048	0.9848	0.9826	0.0260
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8667	0.0667	0.7919	0.7939	0.2638
climate		0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5102	0.3265	0.4829	0.2260	0.7383
cnae-9		0.8056	0.0432	0.8397	0.7812	0.1597
codon_usage		0.9325	0.0123	0.7728	0.9178	0.1085
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9091	0.0909	0.8839	0.7674	0.4467
collins		0.6200	0.0507	0.4984	0.5765	0.1559
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7241	0.2759	0.6821	0.3591	0.8058
colposcopies-2		0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3		0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4		0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.8710	0.1290	0.8634	0.7195	0.5250
column-3c		0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
comedy_comparisons10%		0.4827	0.5173	0.3256	0.0000	0.5300
connect-4		0.9993	0.0005	0.9780	0.9832	0.0020
cottonmeloidogyne		0.7861	0.2139	0.7863	0.5722	0.6889
coupon		0.7555	0.2445	0.7486	0.4938	0.7385

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.7869	0.0609	0.6646	0.6496	0.3244
covtypeCD		0.9876	0.0124	0.9742	0.9482	0.1773
covtypeT		0.9784	0.0216	0.9133	0.8248	0.2751
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.0017	0.9983	0.0017	0.0000	0.0049
creditcard_trans10%		0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced		0.9410	0.0197	0.8624	0.8774	0.1605
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.2188	0.0391	0.1540	0.1984	0.1272
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1567	0.2811	0.1035	-0.0235	0.6225
cyclopentane		0.7037	0.2963	0.7373	0.4286	0.6809
cylinder-bands		0.7593	0.2407	0.7517	0.4935	0.7166
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8981	0.1019	0.7901	0.5020	0.3167
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.3366	0.0303	0.5178
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.8000	0.2000	0.7183	0.2727	0.3632
diabetes		0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5686	0.2876	0.3857	0.0856	0.4048
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5699	0.4301	0.5656	0.1294	0.9501
drebin		0.9854	0.0146	0.9843	0.9686	0.1074
dropout		0.7720	0.1520	0.6946	0.6158	0.4380
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.5426	0.1307	0.1935	0.0575	0.3209
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4255	0.1641	0.2646	0.2627	0.4658
drug-07		0.4628	0.1791	0.1773	0.0633	0.2928
drug-08		0.5798	0.1201	0.2014	0.1233	0.2833
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-10		0.5585	0.1261	0.1535	0.1083	0.3377
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6064	0.1125	0.1607	0.2001	0.3262
drug-14		0.5957	0.1155	0.2517	0.2396	0.3929
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5957	0.1155	0.2737	0.2893	0.3552
drug-17		0.3670	0.1809	0.1314	0.1108	0.4509
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9317	0.0195	0.9438	0.9173	0.1126
ecoli		0.8529	0.0490	0.7218	0.7937	0.1439
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU		0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2900	0.3550	0.2908	0.0517	0.8197
eeg		0.0115	0.1236	0.0014	0.0000	0.3917
eeg-eye		0.8351	0.1649	0.8332	0.6638	0.5856
eeg10%		0.4162	0.0730	0.3951	0.3477	0.5108
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5205	0.1918	0.4869	0.3718	0.5298
euthyroid		0.9589	0.0411	0.8821	0.7641	0.4069
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.6789	0.0378	0.5736	0.6219	0.1881
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5294	0.4706	0.5140	0.0270	0.9795
financial-risk		0.8550	0.0483	0.6605	0.7676	0.2089
fishcatch		0.8750	0.0417	0.8088	0.8367	0.0567
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9038	0.0481	0.8846	0.8678	0.1583
gas		0.9907	0.0031	0.9909	0.9887	0.0217
gastrointestinal		0.7500	0.1667	0.7526	0.5844	0.3057
gender		0.6021	0.2653	0.3796	0.1409	0.5084
gene		0.9338	0.0442	0.9275	0.8947	0.1987
german		0.7500	0.2500	0.7146	0.3719	0.6479
gestures		0.8921	0.0539	0.8945	0.8562	0.2050
gina		0.9366	0.0634	0.9371	0.8733	0.3094
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7619	0.0794	0.7076	0.6557	0.2078
glass-g2		0.7500	0.2500	0.8000	0.5294	0.5000
glassBWFP		0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP		0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.8421	0.1579	0.8444	0.6851	0.5655
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8690	0.1310	0.8743	0.7381	0.4830
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.2725	0.0683	0.5394
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.7667	0.2333	0.6698	0.3226	0.7594

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
hapt		0.9661	0.0056	0.9118	0.9600	0.0345
har		0.9353	0.0259	0.9331	0.9180	0.1158
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.8916	0.0310	0.5275	0.8406	0.1261
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.8670	0.0222	0.5217	0.8182	0.1482
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.6471	0.3529	0.6550	0.3014	0.8522
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8387	0.1613	0.8409	0.6681	0.5327
heart-c		0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure		0.9440	0.0560	0.9347	0.8654	0.2502
heart-quantum		0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6709	0.3291	0.6686	0.3328	0.8490
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa		0.9325	0.0675	0.8735	0.7387	0.3708
hiva		0.9598	0.0402	0.5663	0.0917	0.5201
horse		0.6667	0.2222	0.4869	0.3455	0.3368
hotel-reservartions		0.8525	0.1475	0.8284	0.6525	0.5652
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9544	0.0304	0.9556	0.9314	0.1363
htru2		0.9793	0.0207	0.9351	0.8659	0.1634
hypothyroid		0.9390	0.0305	0.5617	0.4829	0.0730
hypothyroidT		0.9496	0.0504	0.7956	0.4928	0.1391
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9404	0.8736	0.2987
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9422	0.0044	0.9432	0.9399	0.0535
jm1		0.8145	0.1855	0.6223	0.1445	0.5782
jvowels		0.9900	0.0022	0.9898	0.9886	0.0186
kc1		0.8436	0.1564	0.5819	0.0400	0.4439
kc1-class-level-defectiveornot		0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect		0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.8787	0.0809	0.8372	0.7995	0.2181

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.5244	0.0528	0.4787	0.4658	0.3951
krvskp		0.9843	0.0157	0.9844	0.9686	0.1033
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.6765	0.0281	0.6332	0.6594	0.0886
led24		0.6000	0.0800	0.5887	0.5518	0.1941
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9390	0.0047	0.9396	0.9365	0.0674
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.8611	0.0185	0.8500	0.8507	0.0641
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		1.0000	0.0000	0.9988	0.9976	0.0001
liver		0.8235	0.1765	0.7984	0.5968	0.6488
loan		0.9508	0.0492	0.9475	0.8947	0.2639
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.6129	0.0704	0.3104	0.4932	0.3887
lrs		0.8868	0.0323	0.6505	0.8434	0.0694
lung		0.9048	0.0381	0.7356	0.7971	0.0831
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.5923	0.4077	0.5927	0.1846	0.9330
magic04		0.8732	0.1268	0.8592	0.7080	0.4695
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8225	0.6449	0.6199
marketing		0.9018	0.0982	0.7804	0.5399	0.5135
maternal		0.6436	0.2376	0.6473	0.4507	0.5359
math		0.7500	0.1250	0.7154	0.5980	0.2877
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2133	0.3147	0.1638	0.0069	0.5835
messidor		0.6783	0.3217	0.6792	0.3558	0.8394
meter-A		0.5000	0.5000	0.6522	0.1579	0.5288
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.7222	0.1389	0.5849	0.6070	0.2863
meter-D		0.8333	0.0833	0.8282	0.7652	0.2014
mfeat-fac		0.9800	0.0040	0.9807	0.9778	0.0248
mfeat-fou		0.8200	0.0360	0.8235	0.8000	0.1421
mfeat-kar		0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-mor		0.7300	0.0540	0.7322	0.7000	0.1877
mfeat-pix		0.9850	0.0030	0.9852	0.9833	0.0188
mfeat-zer		0.8250	0.0350	0.8288	0.8056	0.0962
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.9340	0.0440	0.9259	0.8987	0.1587
mines		0.5000	0.2000	0.4451	0.3745	0.3873
mobile		0.8706	0.0046	0.8766	0.8683	0.0603

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-1		0.8727	0.1273	0.8849	0.7442	0.3522
monks-2		0.7377	0.2623	0.7189	0.2907	0.4308
monks-3		0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.5106	0.0890	0.5421	0.4025	0.4895
musk		0.9439	0.0561	0.8863	0.7551	0.2519
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7698	0.2302	0.7610	0.5203	0.7208
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.8046	0.1954	0.7980	0.5956	0.6610
MUT_ci300400a_cdk_FCFP6		0.8106	0.1894	0.8057	0.6114	0.6504
MUT_ci300400a_cdk_MACCS		0.8106	0.1894	0.8036	0.6046	0.6425
MUT_ci300400a_cdk_PUBCHEM		0.8539	0.1461	0.8489	0.6970	0.5532
MUT_ci300400a_cdk_STANDARD		0.8323	0.1677	0.8271	0.6540	0.6055
MUT_ci300400a_rdkit_descriptors		0.8358	0.1642	0.8318	0.6634	0.5966
myocardial		0.8765	0.0309	0.2932	0.3396	0.1037
naticusdroid		0.9676	0.0324	0.9678	0.9352	0.1872
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.3333	0.2222	0.2500	0.2000	0.3026
ncRNA1%		0.8956	0.0110	0.3495	0.6843	0.1771
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.9648	0.0352	0.9319	0.8617	0.2430
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.5000	0.3333	0.2849	-0.0302	0.5269
nursery		0.9884	0.0058	0.9733	0.9830	0.0253
obesity		0.8341	0.0474	0.8374	0.8064	0.1932
obs		0.8148	0.0926	0.8404	0.7162	0.2509
occupancy		0.9903	0.0097	0.9867	0.9730	0.1155
Occupancy_Estimation		0.9714	0.0143	0.9181	0.9138	0.0949
oh0-wc		0.6337	0.0733	0.6238	0.5672	0.2632
oh10-wc		0.3048	0.1390	0.0986	0.1705	0.3522
oh15-wc		0.0761	0.1848	0.0141	0.0000	0.3996
oh5-wc		0.6374	0.0725	0.6417	0.5822	0.2473
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9804	0.0039	0.9819	0.9782	0.0278
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8763	0.1237	0.8676	0.7323	0.5174
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8730	0.1270	0.8837	0.7486	0.4141
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9616	0.0154	0.6354	0.7501	0.1511
parkinson		0.9583	0.0417	0.9571	0.9140	0.2399

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons			0.8104	0.1896	0.7997	0.5993	0.6579
parkinsons-small			0.9474	0.0526	0.9321	0.8550	0.1675
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.8946	0.1054	0.8677	0.7349	0.4879
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8289	0.1711	0.7680	0.5357	0.6714
pediatric-leukemia			0.4706	0.1513	0.4396	0.3571	0.3409
pendigits			0.9936	0.0013	0.9938	0.9929	0.0123
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.8076	0.1924	0.7909	0.5770	0.6503
personalities			0.9865	0.0017	0.9865	0.9856	0.0253
pet-adoption			0.9000	0.1000	0.8881	0.7570	0.3198
phishing			0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.9886	0.0115	0.9883	0.9766	0.0794
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.7328	0.0764	0.7021	0.6869	0.2607
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.7559	0.0697	0.7401	0.7136	0.2536
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.8537	0.1463	0.8188	0.6376	0.5996
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7042	0.3746	0.7278
pirvision			0.9941	0.0039	0.9897	0.9814	0.0439
placement			0.7960	0.2040	0.7891	0.5771	0.6747
plant-growth			0.7368	0.2632	0.7389	0.4751	0.7624
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.5288	0.1346	0.1554	0.0739	0.2687
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.7935	0.2065	0.7708	0.5393	0.6910
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.9857	0.0057	0.9856	0.9821	0.0392
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6919	0.3824	0.8284
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4545	0.0839	0.3984	0.3895	0.2770
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.8358	0.1642	0.8217	0.6403	0.6134
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.6429	0.3571	0.6774	0.1860	0.4929
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9873	0.0051	0.9821	0.9829	0.0355
puc-rio10%			0.9801	0.0080	0.9695	0.9733	0.0479
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9832	0.0168	0.9485	0.8950	0.1580
raisin			0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc			0.5333	0.0718	0.3062	0.3362	0.2938
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9859	0.0141	0.9860	0.9717	0.0916
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6299	0.3701	0.6092	0.2168	0.9067
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9005	0.0332	0.8859	0.8767	0.1449
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9362	0.0638	0.7994	0.5699	0.4108
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5588	0.4412	0.5792	0.1176	0.8239
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9351	0.0186	0.9426	0.9241	0.0780
segmentation			0.8465	0.1535	0.8322	0.6645	0.5881
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-7-gram			0.8711	0.1289	0.6601	0.0342	0.2664
sens-8-gram			0.8737	0.1263	0.6687	0.0675	0.2632
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9667	0.0061	0.9668	0.9633	0.0462
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8954	0.1046	0.7715	0.5088	0.4933
shuttle			0.9976	0.0007	0.7042	0.9932	0.0369
sick			0.9549	0.0451	0.7840	0.4952	0.2687
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9995	0.0005	0.9992	0.9984	0.0092
skin10%			0.9988	0.0012	0.9981	0.9963	0.0155
smarket			0.9440	0.0560	0.9444	0.8878	0.2789
smart-farming			0.2400	0.3800	0.0968	-0.0270	0.4810
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1900	0.3240	0.1930	-0.0160	0.8481
solar-flare			0.7626	0.0791	0.6037	0.6936	0.1863
sonar			0.6000	0.4000	0.6094	0.2000	0.8750
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9555	0.0445	0.8659	0.7317	0.4433
spambase			0.9130	0.0870	0.9087	0.8171	0.3975
spect			0.7778	0.2222	0.6786	0.3571	0.7720
spectf			0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer			0.6154	0.0285	0.4637	0.5912	0.1308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
splice-EI			0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE			0.9338	0.0662	0.9097	0.8191	0.3954
sport-articles			0.8700	0.1300	0.8614	0.7227	0.5296
squash-stored			0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8031	0.1313	0.7620	0.6799	0.3741
steel-b			0.8615	0.1385	0.7797	0.5552	0.6149
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.7897	0.2103	0.7610	0.5156	0.6911
steel-p			0.9282	0.0718	0.6941	0.2762	0.3858
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9692	0.0308	0.9125	0.8251	0.3478
stellar			0.9614	0.0257	0.9565	0.9312	0.1366
stock			0.8681	0.1319	0.7447	0.4462	0.5391
stockb			1.0000	0.0000	1.0000	1.0000	0.0000
streaming			0.9040	0.0960	0.9032	0.8062	0.4232
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6400	0.1440	0.3534	0.3996	0.3945
student-depression			0.8326	0.1674	0.8262	0.6503	0.5971
student-habits			0.3700	0.2520	0.1691	-0.0135	0.4218
student-weekend			0.3692	0.2523	0.1215	0.0337	0.4907
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6923	0.2051	0.5260	0.5000	0.2833
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn			0.9062	0.0938	0.8769	0.7521	0.4478
texture			0.9964	0.0007	0.9967	0.9960	0.0056
theorem			0.9951	0.0049	0.9950	0.9899	0.0414
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9132	0.0868	0.8813	0.7618	0.4423
tis10%			0.8284	0.1716	0.7621	0.5231	0.6738
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc			0.5122	0.1084	0.2710	0.3360	0.2796
trec12-wc			0.3548	0.1613	0.1168	0.1413	0.3971
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.5714	0.1429	0.3266	0.3127	0.3469
trec31-wc			0.6774	0.1075	0.5629	0.5292	0.2618
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9843	0.0157	0.9758	0.9515	0.1548
turkish			0.8500	0.0750	0.8541	0.8000	0.1732
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews1%			0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%			0.9175	0.0825	0.9126	0.8245	0.3968
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.8060	0.0431	0.8235	0.7718	0.1448
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7857	0.1071	0.7543	0.7114	0.2024
vehicleVAN			0.9881	0.0119	0.9846	0.9688	0.1262
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.8837	0.1163	0.8950	0.7686	0.3439
vowel			0.6566	0.0624	0.6978	0.6222	0.1753
vowelZ			0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.7210	0.0797	0.7136	0.6734	0.3186
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.7224	0.0793	0.7187	0.6755	0.3355
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8460	0.1027	0.8476	0.7690	0.3485
weather-related			0.9692	0.0056	0.9708	0.9651	0.0406
web-phishing			0.8444	0.1037	0.7055	0.7188	0.4329
Weekly			0.9722	0.0278	0.9719	0.9436	0.1670
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.9876	0.0124	0.9444	0.8824	0.3522
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6164	0.1279	0.3015	0.3640	0.3463
winequality-white			0.5276	0.1350	0.2464	0.2415	0.4171
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.7496	0.7322	0.0687
yeast			0.5338	0.0932	0.3629	0.3922	0.3465
yeastCYT-POX			0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC			0.9797	0.0203	0.7845	0.5613	0.4507
yeastME1			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2			0.9527	0.0473	0.6386	0.2055	0.4689
zip			0.9667	0.0067	0.9640	0.9627	0.0567

Table 241: Detailed results for TSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1847	0.0562	0.0665	0.0855	0.3813
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9822	0.0178	0.4955	0.0000	0.0611
accident		0.6000	0.4000	0.6000	0.2000	0.9288
ads		0.8598	0.1402	0.4623	0.0000	0.2812
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.7619	0.2381	0.4672	-0.0588	0.6265
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9836	0.0164	0.4959	-0.0040	0.4515
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.7143	0.2857	0.4167	-0.1667	0.7987
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered		0.6500	0.3500	0.3939	-0.0938	0.8482
AID644red		0.4000	0.6000	0.3434	-0.3043	0.9574
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		1.0000	0.0000	1.0000	1.0000	0.0000
aids		0.8263	0.1737	0.7408	0.4548	0.6266
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
alcohol		0.7238	0.1105	0.3912	0.4167	0.4242
all-aml		0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers		0.8372	0.1628	0.8205	0.6406	0.6085
anneal		0.9775	0.0090	0.9321	0.9539	0.1891
antivirus		0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9235	0.0382	0.8268	0.8587	0.3555
anuran-genus		0.9513	0.0122	0.8728	0.9218	0.3037
anuran-species		0.9736	0.0053	0.9370	0.9635	0.1072
anxiety		0.1083	0.1981	0.1104	-0.0078	0.7547
apple-quality		0.7225	0.2775	0.7260	0.4450	0.7719
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9941	0.0059	0.7718	0.4098	0.0249
arcene		0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia		0.7556	0.0376	0.5841	0.6084	0.2376
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.8261	0.0145	0.3876	0.7996	0.0387
audit-risk		0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.9000	0.0333	0.7554	0.8667	0.0778
avila		0.5204	0.0799	0.3236	0.2527	0.3426
babies		0.4355	0.1613	0.1402	0.0970	0.3740
balance		0.7742	0.1505	0.7871	0.6522	0.3068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8871	0.1129	0.8810	0.7393	0.3407
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio10%		0.9952	0.0048	0.8695	0.7383	0.4184
biodeg		0.8667	0.1333	0.8625	0.7226	0.5300
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
body-perf		0.6239	0.1881	0.6357	0.4985	0.4875
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co		0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.6000	0.1143	0.5853	0.5122	0.1763
cad		0.9333	0.0667	0.9302	0.8507	0.3322
caesarian		0.6250	0.3750	0.3846	0.0000	0.4882
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.7471	0.1264	0.7010	0.5627	0.5372
car-insurance		0.8330	0.1670	0.8047	0.6093	0.6328
card		0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography		0.7371	0.0526	0.7366	0.6849	0.2670
cardiotocography-nsp		0.8498	0.1002	0.7751	0.6293	0.4248
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.6152	0.4688	0.5219
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.7185	0.2815	0.7171	0.4244	0.7748
cas_N6512_RDkit_AtomPair_FP		0.7209	0.2791	0.7218	0.4268	0.7534
cas_N6512_rdkit_AVALON		0.7727	0.2273	0.7729	0.5447	0.7110
cas_N6512_RDkit_Avalon_FP		0.7975	0.2025	0.7991	0.5956	0.6622
cas_N6512_rdkit_descriptors		0.7538	0.2462	0.7518	0.5005	0.7375
cas_N6512_rdkit_FEATMORGAN		0.7404	0.2596	0.7406	0.4802	0.7623
cas_N6512_RDkit_Featmorgan_FP		0.7546	0.2454	0.7539	0.5075	0.7430
cas_N6512_RDkit_FP		0.7239	0.2761	0.7223	0.4446	0.7898
cas_N6512_rdkit_LAYERED		0.7585	0.2415	0.7580	0.5155	0.7363
cas_N6512_RDkit_Layered_FP		0.7500	0.2500	0.7479	0.4955	0.7506
cas_N6512_rdkit_MACCS		0.7619	0.2381	0.7601	0.5201	0.7322
cas_N6512_RDkit_MACCS_FP		0.7653	0.2347	0.7674	0.5318	0.7169
cas_N6512_rdkit_MORGAN		0.7415	0.2585	0.7397	0.4793	0.7642
cas_N6512_RDkit_morgan_FP		0.7730	0.2270	0.7717	0.5433	0.7139
cas_N6512_rdkit_PATTERN		0.7938	0.2062	0.7931	0.5860	0.6766
cas_N6512_RDkit_pattern_FP		0.7761	0.2239	0.7759	0.5512	0.7064
cas_N6512_rdkit_RDKITFP		0.7266	0.2734	0.7258	0.4513	0.7850
cas_N6512_rdkit_TORSION		0.7338	0.2662	0.7319	0.4636	0.7756
ccds1%		0.9313	0.0687	0.5193	0.0385	0.6267
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7617	0.2383	0.7467	0.4914	0.7410
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9725	0.0275	0.8094	0.5869	0.3207
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9498	0.0502	0.4871	-0.0029	0.2827
CDS49_AID687_Rdkit-ecfp4-fp		0.9313	0.0687	0.4822	-0.0047	0.0620
census10%		0.9438	0.0561	0.6865	0.1096	0.1481
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C		0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H		0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
children-anemia		0.7854	0.1073	0.8205	0.6861	0.2754
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7143	0.1905	0.5106	0.4112	0.5128
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.7000	0.3000	0.6427	0.2405	0.7630
clave		0.7778	0.1111	0.5669	0.6633	0.3258
climate		0.9259	0.0741	0.8421	0.6301	0.5283
cll_sub_111		0.5833	0.2778	0.6637	0.3333	0.3922
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4694	0.3537	0.3551	0.0926	0.5466
cnae-9		0.9259	0.0165	0.9307	0.9167	0.0793
codon_usage		0.8611	0.0253	0.7152	0.8308	0.2329
coil20		0.9931	0.0007	0.9933	0.9927	0.0048
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		0.5600	0.0587	0.4466	0.5173	0.2351
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6207	0.3793	0.5499	0.0963	0.9266
colposcopies-2		0.5862	0.4138	0.3696	-0.0675	0.7923
colposcopies-3		0.6207	0.3793	0.5943	0.1212	0.7498
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.8387	0.1613	0.8565	0.6737	0.4644
column-3c		0.6129	0.2581	0.6332	0.4142	0.5250
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
cottonmeloidogyne		0.7740	0.2260	0.7742	0.5478	0.7090
coupon		0.6774	0.3226	0.6697	0.3030	0.7751
covtypeCD		0.9369	0.0631	0.8637	0.7271	0.4567
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.8986	0.0338	0.6918	0.7810	0.2061
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.6250	0.0187	0.4595	0.6137	0.0547
cybersecurity		0.1767	0.2744	0.0848	0.0000	0.5120
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.5741	0.4259	0.3647	0.0000	0.5103
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1018	0.1796	0.0347	-0.0004	0.4262
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.4678	0.3333	0.3577
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.8125	0.1250	0.8452	0.7108	0.2409
DIA		0.7667	0.2333	0.6889	0.3778	0.7765
diabetes		0.8269	0.1731	0.8520	0.6628	0.4490

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5305	0.3130	0.3730	0.0718	0.6710
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.8167	0.0917	0.8410	0.7571	0.1764
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.4167	-0.1538	0.9932
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota210%		0.5728	0.4272	0.5872	0.1084	0.7553
drebin		0.9694	0.0306	0.9675	0.9348	0.1983
dropout		0.7494	0.1670	0.6553	0.5677	0.4318
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4255	0.1641	0.1671	0.2515	0.3688
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6223	0.1079	0.1740	0.2187	0.3189
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1368	0.0979	0.0000	0.2706
drug-17		0.3723	0.1793	0.1341	0.1079	0.4290
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9280	0.0206	0.9393	0.9128	0.1169
ecoli		0.8824	0.0294	0.5702	0.8381	0.1065
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8182	0.1818	0.8012	0.5769	0.6201
ecoliMU		0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM		0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce		0.2500	0.3750	0.2494	-0.0003	0.8348
eeg		0.3389	0.0826	0.4030	0.2618	0.5378
eeg-eye		0.6115	0.3885	0.6005	0.1817	0.8763
eeg10%		0.1557	0.1055	0.0683	0.0213	0.4147
eucalyptus		0.6164	0.1534	0.5890	0.5125	0.4208
euthyroid		0.8766	0.1234	0.7910	0.5269	0.5723
exon.vs.intron-freq10%		0.8768	0.1232	0.8859	0.7555	0.4168
fakenews		0.5075	0.4925	0.6028	0.0051	0.5275
farm-ads		0.5072	0.4928	0.4140	-0.0500	0.7933
fbis-wc		0.7927	0.0244	0.7301	0.7652	0.2423
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.8627	0.1373	0.8624	0.7196	0.5076
financial-risk		0.8060	0.0647	0.6422	0.6878	0.2947
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.4500	0.1375	0.4038	0.3491	0.2847
fonts10%		0.3948	0.0079	0.1740	0.3689	0.8410
forest		0.9231	0.0385	0.9006	0.8941	0.1186
gas		0.9907	0.0031	0.9904	0.9887	0.0241
gastrointestinal		0.7500	0.1667	0.7389	0.5949	0.4706

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.8139	0.1241	0.8203	0.7154	0.3658
german		0.7100	0.2900	0.6608	0.2487	0.6879
gestures		0.2851	0.3574	0.2388	0.0464	0.7032
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7619	0.0794	0.7344	0.6613	0.1875
glass-g2		0.6250	0.3750	0.5517	0.0769	0.8465
glassBWFP		0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP		0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.8182	0.1818	0.7215	0.2787	0.3900
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8810	0.1190	0.8845	0.7610	0.4620
green		0.6000	0.4000	0.3750	-0.1765	0.9528
grub-damage		0.6000	0.2000	0.5958	0.4578	0.4065
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9707	0.0049	0.9010	0.9654	0.0306
har		0.7615	0.0954	0.7606	0.6982	0.3569
har701%		0.8726	0.0364	0.5252	0.8173	0.1773
hayes-roth		0.3125	0.4583	0.3765	-0.0732	0.6346
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8710	0.1290	0.8713	0.7362	0.4795
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.8440	0.1560	0.8144	0.6263	0.5989
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6618	0.3382	0.6599	0.3117	0.8507
higher		0.1429	0.2143	0.0952	0.0233	0.4025
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8971	0.1029	0.8535	0.6887	0.5388
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5833	0.2778	0.5680	0.3014	0.6405
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
htru2		0.9788	0.0212	0.9335	0.8643	0.1995
hypothyroid		0.9735	0.0133	0.6659	0.8353	0.1856
hypothyroidT		0.9310	0.0690	0.7021	0.1756	0.1727
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9380	0.0310	0.9406	0.9173	0.1139
ionosphere		0.8571	0.1429	0.8374	0.6220	0.3213
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9204	0.0061	0.9210	0.9172	0.0724
jm1		0.8072	0.1928	0.6457	0.0076	0.3447
jvowels		0.9438	0.0125	0.9405	0.9363	0.0878

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.4000	0.6000	0.4380	-0.0976	0.9426
kc1-class-level-numericdefect		0.5000	0.0417	0.0324	0.1404	0.1216
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7692	0.2308	0.5420	0.0574	0.7533
kdc-4007		0.7581	0.0605	0.6710	0.7179	0.3032
kddcup981%		0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kepler		0.8201	0.1199	0.7866	0.7023	0.1908
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.2770	0.0803	0.1715	0.1700	0.5072
krvskp		0.9561	0.0439	0.9564	0.9122	0.2373
la1s-wc		0.8032	0.0656	0.7886	0.7576	0.3263
la2s-wc		0.8046	0.0651	0.7952	0.7575	0.3286
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.7059	0.0147	0.3975	0.6912	0.0611
led24		0.5000	0.1000	0.5145	0.4398	0.2276
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.8155	0.0142	0.8177	0.8080	0.1890
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.9444	0.0074	0.9583	0.9403	0.0273
liver		0.8235	0.1765	0.7914	0.5768	0.6309
loan		0.9438	0.0562	0.9437	0.8832	0.2859
localization10%		0.6820	0.0578	0.4362	0.5922	0.3845
lrs		0.8491	0.0302	0.4406	0.7895	0.0997
lung		0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		0.6667	0.3333	0.4000	0.0000	0.4644
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.6342	0.6147	0.2542
lymphoma2		0.8889	0.0247	0.6525	0.8594	0.0000
machine-failure		0.9149	0.0851	0.9152	0.8273	0.3841
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.7549	0.2451	0.7242	0.3821	0.6126
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8333	0.1667	0.8340	0.6627	0.5779
marketing		0.8661	0.1339	0.6686	0.1787	0.4084
maternal		0.6238	0.2508	0.6356	0.4126	0.5093
math		0.8000	0.1000	0.7600	0.6995	0.3346
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.8333	0.0833	0.8537	0.7778	0.1551
mental-health		0.2167	0.3133	0.1222	0.0124	0.4328
messidor		0.6609	0.3391	0.7075	0.3561	0.6958
meter-A		0.2500	0.7500	0.2000	-0.2632	0.9308
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.8711	0.8435	0.1146
meter-D		0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac		0.9900	0.0020	0.9901	0.9889	0.0126
mfeat-fou		0.8650	0.0270	0.8691	0.8500	0.1247
mfeat-kar		0.9700	0.0060	0.9707	0.9667	0.0378
mfeat-mor		0.7500	0.0500	0.7296	0.7222	0.1566
mfeat-pix		0.9600	0.0080	0.9619	0.9556	0.0476

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mfeat-zer		0.8250	0.0350	0.8320	0.8056	0.1125
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.7547	0.1635	0.7936	0.6408	0.2912
mines		0.4706	0.2118	0.4315	0.3326	0.4595
mobile		0.8147	0.0066	0.8178	0.8113	0.0873
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4422	0.1014	0.4568	0.3031	0.4969
musk		0.9424	0.0576	0.8831	0.7473	0.2554
MUT_ci300400a_cdk_ECFP2		0.5288	0.4712	0.4826	-0.0317	0.9780
MUT_ci300400a_cdk_ECFP4		0.7916	0.2084	0.7859	0.5717	0.6862
MUT_ci300400a_cdk_ECFP6		0.7593	0.2407	0.7520	0.5038	0.7413
MUT_ci300400a_cdk_ESTATE		0.6451	0.3549	0.6303	0.1932	0.7419
MUT_ci300400a_cdk_EXTENDED		0.7902	0.2098	0.7858	0.5711	0.6873
MUT_ci300400a_cdk_FCFP2		0.7844	0.2156	0.7778	0.5555	0.6991
MUT_ci300400a_cdk_FCFP4		0.7842	0.2158	0.7773	0.5544	0.6993
MUT_ci300400a_cdk_FCFP6		0.8010	0.1990	0.7986	0.5957	0.6637
MUT_ci300400a_cdk_MACCS		0.7614	0.2386	0.7532	0.5059	0.7375
MUT_ci300400a_cdk_PUBCHEM		0.8347	0.1653	0.8293	0.6584	0.5996
MUT_ci300400a_cdk_STANDARD		0.7880	0.2120	0.7840	0.5673	0.6904
MUT_ci300400a_rdkit_descriptors		0.7807	0.2193	0.7752	0.5504	0.7042
myocardial		0.7118	0.0721	0.2715	0.2514	0.6561
naticusdroid		0.9427	0.0573	0.9440	0.8854	0.2710
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0370	0.5556	0.8065	0.0000
ncRNA1%		0.8793	0.0127	0.2306	0.6174	0.1450
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc		0.6985	0.0137	0.7064	0.6894	0.2530
newspop		0.5590	0.4410	0.5851	0.0639	0.6479
NHANES_age_prediction		0.8590	0.1410	0.8336	0.6118	0.5232
nomao		0.9457	0.0543	0.9335	0.8670	0.3172
NPHA-doctor-visits		0.5278	0.3148	0.2303	0.0000	0.3630
nursery		0.8673	0.0531	0.6573	0.8117	0.1654
obesity		0.9005	0.0284	0.9046	0.8838	0.1137
obs		0.8241	0.0880	0.8589	0.7335	0.2403
occupancy		0.9869	0.0131	0.9822	0.9638	0.1431
Occupancy_Estimation		0.9911	0.0044	0.9717	0.9730	0.0436
oh0-wc		0.8713	0.0257	0.8790	0.8538	0.1155
oh10-wc		0.7333	0.0533	0.7156	0.6974	0.2604
oh15-wc		0.6739	0.0652	0.6505	0.6314	0.2950
oh5-wc		0.8022	0.0396	0.7995	0.7778	0.1980
ohscal-wc		0.6595	0.0681	0.6422	0.6192	0.4212
olive		0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
optdigits		0.9662	0.0068	0.9680	0.9624	0.0473
optdigitsZ		0.9947	0.0053	0.9837	0.9674	0.1218
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants		0.9924	0.0076	0.6885	0.3648	0.5377

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9616	0.0154	0.7700	0.7760	0.2911
parkinson			0.9750	0.0250	0.9750	0.9487	0.1507
parkinsons			0.7867	0.2133	0.7864	0.5650	0.6762
parkinsons-small			0.7368	0.2632	0.4242	0.0000	0.4125
particle10%			0.8723	0.1277	0.8352	0.6569	0.4938
pasture			0.5000	0.3333	0.2667	0.1111	0.2969
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia			0.8529	0.0420	0.8496	0.8211	0.1528
pendigits			0.9645	0.0071	0.9650	0.9605	0.0546
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.8047	0.1953	0.7876	0.5699	0.6550
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9050	0.0950	0.8926	0.7720	0.3441
phishing			0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%			0.9996	0.0004	0.9996	0.9991	0.0054
phone-acc0.1%			0.7320	0.0766	0.7200	0.6867	0.2978
phone-acc1%			0.6437	0.1018	0.6111	0.5825	0.2895
phone-gyr0.1%			0.7466	0.0724	0.7306	0.7033	0.2977
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7185	0.2815	0.6347	0.0093	0.4279
phy			0.6970	0.3030	0.7039	0.3931	0.7866
pima			0.6842	0.3158	0.6609	0.2621	0.7280
pirvision			0.9562	0.0292	0.9198	0.8474	0.0865
placement			0.7940	0.2060	0.7897	0.5791	0.6805
plant-growth			0.8421	0.1579	0.8444	0.6851	0.5655
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker1%			0.4859	0.1028	0.0937	-0.0121	0.2511
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9323	0.0677	0.6695	0.0445	0.1696
polya			0.7870	0.2130	0.7670	0.5338	0.7070
popularity			0.6313	0.2458	0.2580	0.0000	0.2921
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8041	0.0784	0.8144	0.7552	0.2520
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6331	0.2059	0.7633
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4545	0.0496	0.2432	0.4066	0.1957
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.4000	0.6000	0.2857	0.0000	0.5239
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio10%			0.9644	0.0142	0.9444	0.9520	0.0728
pufs-1281%			0.5067	0.4933	0.5067	0.0133	0.9957
pufs-641%			0.4946	0.5054	0.4935	-0.0112	0.9612
pulsar			0.9641	0.0359	0.8846	0.7436	0.1486
raisin			0.9000	0.1000	0.9001	0.8000	0.4311
rcv11%			0.7556	0.0092	0.4302	0.7335	0.4707
re0-wc			0.6533	0.0533	0.6528	0.5711	0.5059
re1-wc			0.6627	0.0270	0.5637	0.6247	0.3319
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.5423	0.4577	0.3516	0.0000	0.5201

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
reuters21578			0.7434	0.0107	0.4721	0.6707	1.0000
rice			0.9863	0.0137	0.9861	0.9722	0.0986
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.5922	0.4078	0.3719	0.0000	0.5033
satimage			0.8569	0.0477	0.8247	0.8226	0.1955
satimageF			0.9829	0.0171	0.9552	0.9101	0.1937
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.0816	0.3896	0.6111	0.0825
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5294	0.4706	0.5587	0.0588	0.7405
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9481	0.0148	0.9556	0.9392	0.0611
segmentation			0.8069	0.1931	0.7878	0.5752	0.6703
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8632	0.1368	0.5313	0.0179	0.4988
sens-8-gram			0.8711	0.1289	0.6196	0.0615	0.3715
sens-9-gram			0.8684	0.1316	0.5838	0.0286	0.3763
sensorless			0.9123	0.0159	0.9132	0.9035	0.0909
shoppers			0.8637	0.1363	0.6798	0.2183	0.4283
sick			0.9151	0.0849	0.7565	0.4863	0.5982
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin10%			0.9252	0.0748	0.8913	0.7811	0.4503
smarket			0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming			0.1000	0.4500	0.0989	-0.2006	0.9112
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
soil_pollution			0.1767	0.3293	0.1529	-0.0359	0.7555
solar-flare			0.7194	0.0935	0.6099	0.6454	0.2670
sonar			0.5500	0.4500	0.5503	0.1000	0.9662
soybean			0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection			0.9450	0.0550	0.8185	0.6271	0.4452
spambase			0.9087	0.0913	0.9047	0.8094	0.4168
spect			0.7037	0.2963	0.6196	0.2340	0.8108
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.5283	0.0197	0.2365	0.5024	0.1005
splice-EI			0.8801	0.1199	0.8775	0.7255	0.4570
splice-IE			0.7918	0.2082	0.8049	0.5515	0.5582
sport-articles			0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7503	0.1665	0.6907	0.5902	0.4708
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.9949	0.0051	0.9921	0.9841	0.0266
steel-o			0.7333	0.2667	0.6963	0.3091	0.6210
steel-p			0.9128	0.0872	0.6274	0.2220	0.6096
steel-s			0.9846	0.0154	0.8934	0.7617	0.0555

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-z			0.9590	0.0410	0.9028	0.7955	0.4463
stock			0.9028	0.0972	0.8206	0.6135	0.4217
stockb			0.9427	0.0382	0.9467	0.9141	0.0961
streaming			0.8060	0.1940	0.8057	0.6102	0.6520
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6350	0.1460	0.2816	0.3754	0.3178
student-depression			0.8333	0.1667	0.8270	0.6520	0.5961
student-habits			0.3900	0.2440	0.1905	0.0168	0.3335
student-weekend			0.3538	0.2585	0.2293	0.0912	0.6325
student-workday			0.6719	0.1313	0.1638	0.0317	0.5067
studentap			0.4615	0.3590	0.4598	0.1727	0.7242
susy1%			0.6622	0.3378	0.7041	0.2792	0.5350
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4000	0.4000	0.3964	0.1000	0.7207
telco-churn			0.8977	0.1023	0.8677	0.7351	0.4896
texture			1.0000	0.0000	1.0000	1.0000	0.0000
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9132	0.0868	0.8865	0.7722	0.4615
tis10%			0.7537	0.2463	0.4298	0.0000	0.3977
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.0833	0.4375	0.6364	0.0941
tox_171			1.0000	0.0000	1.0000	1.0000	0.0000
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.7317	0.0596	0.6198	0.6730	0.2746
trec12-wc			0.8710	0.0323	0.8897	0.8432	0.0953
trec21-wc			0.8788	0.0404	0.5890	0.7672	0.3293
trec23-wc			0.7143	0.0952	0.7780	0.6379	0.2883
trec31-wc			0.8817	0.0338	0.7514	0.8437	0.2327
trec41-wc			0.8636	0.0273	0.7495	0.8350	0.1971
trec45-wc			0.8116	0.0377	0.7362	0.7792	0.1693
tuandromd			0.9798	0.0202	0.9696	0.9386	0.2027
turkish			0.8000	0.1000	0.8129	0.7333	0.2262
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.8951	0.1049	0.8879	0.7757	0.4635
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7612	0.0531	0.8002	0.7208	0.1811
urinalysis			0.9441	0.0559	0.7030	0.3998	0.5822
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7500	0.1250	0.7287	0.6664	0.2137
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			0.6667	0.3333	0.4000	0.0000	0.4644
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.5859	0.0753	0.6280	0.5444	0.2209
vowelZ			0.9192	0.0808	0.8495	0.6508	0.5232
wap-wc			0.8269	0.0173	0.7758	0.8080	0.1422
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.6586	0.0976	0.6459	0.5997	0.3613

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
watch-gyr1%			0.5733	0.1219	0.5518	0.4993	0.3462
water_pollution			0.2633	0.3683	0.1877	0.0048	0.4490
waveform			0.8440	0.1040	0.8455	0.7660	0.3488
weather-related			0.9731	0.0049	0.9753	0.9695	0.0366
web-phishing			0.8074	0.1284	0.5593	0.6400	0.4094
Weekly			0.9630	0.0370	0.9635	0.9244	0.1598
weight-lift			0.9001	0.0399	0.8967	0.8734	0.1631
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9800	0.0100	0.9807	0.9733	0.0350
wilt			0.9731	0.0269	0.8724	0.7406	0.4687
wine			0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red			0.5723	0.1426	0.2107	0.2748	0.3291
winequality-white			0.4806	0.1484	0.1579	0.0791	0.2988
winnipeg10%			0.9902	0.0028	0.9923	0.9876	0.0204
wisc_bc			0.9649	0.0351	0.9623	0.9246	0.2141
yale			0.7500	0.0333	0.6600	0.7311	0.0549
yeast			0.4865	0.1027	0.3544	0.3529	0.4415
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1			0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9430	0.0114	0.9386	0.9361	0.0905

Table 242: Detailed results for VBCARD

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1727	0.0571	0.0714	0.0834	0.4411
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9806	0.0194	0.5338	0.0275	0.3805
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.9634	0.0366	0.9213	0.8297	0.1164
adult		0.8466	0.1534	0.7754	0.5451	0.6277
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8451	0.1549	0.7730	0.5280	0.5940
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8512	0.1488	0.5922	0.0233	0.3658
airline		0.8744	0.1256	0.8719	0.7435	0.5028
alcohol		0.7524	0.0990	0.2986	0.3933	0.2715
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.8558	0.1442	0.8418	0.6836	0.5675
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9332	0.0334	0.6777	0.8703	0.1688
anuran-genus		0.9527	0.0118	0.8869	0.9215	0.1423
anuran-species		0.9542	0.0092	0.9069	0.9359	0.0777
anxiety		0.1000	0.2000	0.0916	-0.0159	0.8002
apple-quality		0.7025	0.2975	0.7034	0.4050	0.8130
aps-failure		0.9904	0.0096	0.8501	0.6923	0.3268
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9923	0.0077	0.6519	0.1320	0.1934
arabidopsis10%		0.9920	0.0080	0.6139	0.0417	0.1341
arcene		0.6500	0.3500	0.6284	0.2553	0.8874

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.8000	0.0400	0.7150	0.6702	0.2539
auction		0.9020	0.0980	0.7385	0.4276	0.4934
audiology		0.8696	0.0109	0.4010	0.8510	0.0208
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.8500	0.0500	0.7275	0.8000	0.1260
avila		0.5338	0.0777	0.3049	0.2873	0.3288
babies		0.4194	0.1659	0.1360	0.0774	0.4462
balance		0.8710	0.0860	0.6007	0.7578	0.2255
bank		0.9111	0.0889	0.7496	0.4870	0.5667
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8986	0.1014	0.8892	0.7742	0.4205
basehock		0.9397	0.0603	0.9397	0.8794	0.3046
bio		0.9970	0.0030	0.9069	0.8021	0.1168
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8667	0.1333	0.8587	0.7173	0.5345
biomed		0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5888	0.2056	0.5785	0.4517	0.5204
bookings		0.9899	0.0067	0.7529	0.9786	0.0440
brain-tumor		0.5055	0.4945	0.5054	0.0108	0.9960
breast-cancer		0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co		0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.7273	0.0909	0.7179	0.6733	0.1446
bridges		0.9000	0.0286	0.6767	0.8571	0.0295
bub10at310k-hg16-17		0.9094	0.0906	0.6576	0.0057	0.2088
bub12at310k-hg16-17		0.9094	0.0906	0.6325	0.0074	0.2190
bub8at310k-hg16-17		0.9100	0.0900	0.6506	0.0192	0.2174
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.8448	0.0776	0.6089	0.6665	0.3553
car-insurance		0.8410	0.1590	0.8116	0.6221	0.6111
card		0.9130	0.0870	0.9123	0.8232	0.3960
cardiotocography		0.7934	0.0413	0.7087	0.7495	0.2011
cardiotocography-nsp		0.8967	0.0689	0.8269	0.7081	0.2888
cardiovascular		0.7196	0.2804	0.7203	0.4392	0.7909
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.7000	0.2000	0.5906	0.4533	0.5780
cas_N6512_cdk_ECFP2		0.7404	0.2596	0.7386	0.4772	0.7660
cas_N6512_rdkit_ATOMPAIR		0.7108	0.2892	0.7086	0.4170	0.8080
cas_N6512_RDkit_AtomPair_FP		0.7439	0.2561	0.7415	0.4816	0.7576
cas_N6512_rdkit_AVALON		0.7696	0.2304	0.7685	0.5370	0.7193
cas_N6512_RDkit_Avalon_FP		0.7868	0.2132	0.7858	0.5716	0.6896
cas_N6512_rdkit_descriptors		0.7523	0.2477	0.7509	0.5018	0.7476
cas_N6512_rdkit_FEATMORGAN		0.7527	0.2473	0.7506	0.5008	0.7464
cas_N6512_RDkit_Featmorgan_FP		0.7439	0.2561	0.7420	0.4838	0.7606
cas_N6512_RDkit_FP		0.7362	0.2638	0.7340	0.4678	0.7718
cas_N6512_rdkit_LAYERED		0.7523	0.2477	0.7520	0.5034	0.7456
cas_N6512_RDkit_Layered_FP		0.7745	0.2255	0.7727	0.5446	0.7094
cas_N6512_rdkit_MACCS		0.7680	0.2320	0.7663	0.5290	0.7129

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7531	0.2469	0.7521	0.5040	0.7459
cas_N6512_rdkit_MORGAN		0.7692	0.2308	0.7674	0.5344	0.7195
cas_N6512_RDkit_morgan_FP		0.7761	0.2239	0.7749	0.5497	0.7086
cas_N6512_rdkit_PATTERN		0.7723	0.2277	0.7708	0.5417	0.7151
cas_N6512_RDkit_pattern_FP		0.7761	0.2239	0.7750	0.5499	0.7085
cas_N6512_rdkit_RDKITFP		0.7450	0.2550	0.7434	0.4869	0.7589
cas_N6512_rdkit_TORSION		0.7246	0.2754	0.7227	0.4453	0.7890
ccds1%		0.9451	0.0549	0.5713	0.1391	0.6285
ccds10%		0.9641	0.0359	0.6886	0.3327	0.4717
cdc_diabetes		0.8486	0.1009	0.4249	0.2041	0.3249
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8031	0.1969	0.7874	0.5743	0.6770
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9527	0.0473	0.6744	0.0561	0.1301
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9520	0.0480	0.7613	0.4907	0.4387
census10%		0.9549	0.0451	0.7580	0.4736	0.4086
central-nervous-system		0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8349	0.0826	0.6290	0.7477	0.2080
chrom19		0.9991	0.0009	0.6297	0.0244	0.0500
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	-0.0001	0.2293
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8150	0.1850	0.6546	0.2408	0.6286
churn-bigml		0.8801	0.1198	0.7106	0.3551	0.5173
ci900367j_MACCS		0.7579	0.2421	0.7373	0.4713	0.7459
circles		0.6490	0.0070	0.6784	0.6455	0.0895
cirrhosis		0.8333	0.1111	0.5683	0.6644	0.2997
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7704	0.1148	0.4942	0.6232	0.3001
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4762	0.3492	0.4428	0.1645	0.7594
cnae-9		0.9537	0.0103	0.9551	0.9479	0.0519
codon_usage		0.8619	0.0251	0.6831	0.8314	0.2031
coil20		0.9861	0.0014	0.9874	0.9854	0.0099
college		0.8961	0.1039	0.8736	0.7457	0.4983
collins		0.7000	0.0400	0.6379	0.6646	0.1535
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2		0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3		0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4		0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c		0.8276	0.1724	0.7397	0.4487	0.6170
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.7742	0.1505	0.6845	0.6303	0.2970
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7668	0.2332	0.7675	0.5339	0.7199

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
coupon		0.6853	0.3147	0.6758	0.3498	0.8417
covid19		0.5361	0.1326	0.2160	0.1607	0.3340
covtype		0.7151	0.0814	0.5077	0.5315	0.3816
covtype10%		0.7112	0.0825	0.5100	0.5240	0.3939
covtypeCD		0.9463	0.0537	0.8805	0.7577	0.3777
covtypeT		0.9426	0.0574	0.7435	0.4700	0.5187
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9993	0.0007	0.8933	0.7761	0.1736
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8811	0.0396	0.6527	0.7459	0.2752
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.2500	0.0375	0.1793	0.2305	0.1094
customer-churn		0.9794	0.0206	0.6035	0.0359	0.1748
cybersecurity		0.1533	0.2822	0.1564	-0.0204	0.8770
cyclopentane		0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands		0.7222	0.2778	0.7145	0.4288	0.7957
darwin		0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1020	0.1796	0.1013	0.0018	0.9091
dbworld		0.7143	0.2857	0.7083	0.4167	0.8058
default		0.8147	0.1853	0.6859	0.3008	0.5989
defect		0.8920	0.1080	0.7721	0.4824	0.4182
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9016	0.0984	0.7206	0.4171	0.5750
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.8750	0.0833	0.9106	0.7838	0.2032
dexter		0.8333	0.1667	0.8363	0.6667	0.5754
df_final		0.6250	0.2500	0.6863	0.4074	0.3366
DIA		0.7833	0.2167	0.6723	0.3158	0.7212
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9563	0.0437	0.8446	0.6752	0.3597
diabetes-risk		0.8521	0.1479	0.7531	0.4922	0.6210
diabetic		0.5786	0.2810	0.4422	0.1635	0.5423
diabetic1%		0.5490	0.3007	0.3483	0.0796	0.5162
diabetic10%		0.5697	0.2868	0.3725	0.1444	0.5418
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.6509	0.1396	0.5332	0.4864	0.4147
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih		0.6667	0.3333	0.6690	0.3333	0.8453
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9973	0.0027	0.6696	0.0143	0.0130
dota2		0.6003	0.3997	0.5970	0.1923	0.9261
dota210%		0.5689	0.4311	0.5653	0.1298	0.9534
drebin		0.9727	0.0273	0.9708	0.9415	0.1774
dropout		0.7675	0.1550	0.6805	0.6045	0.4518
drug-01		0.4096	0.1687	0.1920	0.0459	0.4038
drug-02		0.5213	0.1368	0.2075	0.0956	0.4535
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5160	0.1383	0.1883	0.0640	0.4397
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4309	0.1626	0.2418	0.2686	0.4775
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5585	0.1261	0.1804	0.0174	0.2614

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5532	0.1277	0.1501	0.1199	0.3514
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1718	0.2228	0.3713
drug-14		0.6011	0.1140	0.2882	0.2552	0.3949
drug-15		0.7553	0.0699	0.1237	0.0222	0.2430
drug-16		0.5904	0.1170	0.2442	0.2886	0.3758
drug-17		0.3670	0.1809	0.1771	0.1173	0.4921
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7606	0.0684	0.1234	-0.0134	0.2600
drybean		0.9229	0.0220	0.9346	0.9067	0.1270
ecoli		0.8529	0.0368	0.5305	0.7934	0.1198
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2100	0.3950	0.2147	-0.0522	0.8744
eeg		0.3780	0.0777	0.4010	0.3070	0.5983
eeg-eye		0.6495	0.3505	0.6415	0.2756	0.8694
eeg10%		0.3604	0.0799	0.3833	0.2877	0.5795
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.5753	0.1699	0.5231	0.4483	0.4348
euthyroid		0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq		0.8955	0.1045	0.8967	0.7912	0.4364
exon.vs.intron-freq10%		0.8908	0.1092	0.8914	0.7816	0.4540
fakenews		0.5475	0.4525	0.5474	0.0948	0.9702
farm-ads		0.8841	0.1159	0.8839	0.7660	0.4671
fbis-wc		0.8008	0.0234	0.7303	0.7734	0.1831
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.7590	0.0803	0.4908	0.5895	0.2878
fishcatch		1.0000	0.0000	1.0000	1.0000	0.0000
flags		0.6500	0.1000	0.4140	0.5541	0.2276
forest		0.9615	0.0192	0.9578	0.9470	0.0611
gas		0.9907	0.0031	0.9904	0.9887	0.0259
gastrointestinal		1.0000	0.0000	1.0000	1.0000	0.0000
gender		0.6021	0.2653	0.3807	0.1449	0.5100
gene		0.9274	0.0484	0.9185	0.8844	0.2084
german		0.7100	0.2900	0.6585	0.2927	0.7913
gestures		0.3562	0.3219	0.3568	0.1415	0.7794
gina		0.8934	0.1066	0.8933	0.7866	0.4509
gisette		0.9657	0.0343	0.9657	0.9314	0.2003
glass		0.5714	0.1429	0.4347	0.3803	0.3535
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP		0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		1.0000	0.0000	1.0000	1.0000	0.0000
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.9048	0.0952	0.9055	0.8072	0.4121
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.4667	0.2667	0.5202	0.2638	0.5752
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9607	0.0066	0.8696	0.9535	0.0602
har		0.7396	0.1042	0.7286	0.6693	0.4052
har70		0.7590	0.0689	0.4165	0.6109	0.1900
har701%		0.7611	0.0683	0.4244	0.6140	0.1805
har7010%		0.7588	0.0689	0.4149	0.6106	0.1905
harth		0.6580	0.0570	0.2281	0.5052	0.2291
harth1%		0.6575	0.0571	0.2275	0.5051	0.2265
harth10%		0.6570	0.0572	0.2293	0.5039	0.2305
hayes-roth		0.4375	0.3750	0.4609	0.1000	0.6085
hcc-survival		0.7059	0.2941	0.6913	0.3796	0.8165
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.9032	0.0968	0.9038	0.8058	0.4189
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.8544	0.6667	0.5000
hepmass		0.8365	0.1635	0.8365	0.6729	0.5908
hepmass1%		0.8367	0.1633	0.8367	0.6733	0.5903
hepmass10%		0.8359	0.1641	0.8358	0.6717	0.5920
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.6421	0.3579	0.6390	0.2738	0.8810
higgs0.1%		0.6673	0.3327	0.6647	0.3265	0.8563
higgs1%		0.6410	0.3590	0.6379	0.2700	0.8785
higgs10%		0.6421	0.3579	0.6393	0.2740	0.8798
higher		0.2143	0.1964	0.1509	0.0494	0.4015
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.9309	0.0691	0.8754	0.7505	0.4416
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.6667	0.2222	0.6052	0.3958	0.5400
hotel-reservartions		0.8255	0.1745	0.7966	0.5898	0.6328
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.5725	0.2850	0.5751	0.3580	0.6564
ht-sensor10%		0.5541	0.2972	0.5564	0.3309	0.6759
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9416	0.0292	0.5755	0.5574	0.1773
hypothyroidT		0.9708	0.0292	0.8890	0.7513	0.0934
ilpd		0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9413	0.0293	0.9422	0.9218	0.1177
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9217	0.0060	0.9229	0.9186	0.0741
jm1		0.8191	0.1809	0.6389	0.1635	0.5448
jvowels		0.9398	0.0134	0.9357	0.9317	0.0930
kc1		0.8626	0.1374	0.6845	0.3196	0.5977
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007		0.7556	0.0698	0.7603	0.7148	0.3407
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9466	0.0534	0.4863	-0.0040	0.3215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kddcup991%		0.9976	0.0004	0.8172	0.9959	0.0182
kddcup9910%		0.9985	0.0002	0.7494	0.9975	0.0435
kepler		0.8598	0.0934	0.8104	0.7683	0.2275
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.2806	0.0799	0.1875	0.1763	0.5243
krvskp		0.9749	0.0251	0.9750	0.9498	0.1553
la1s-wc		0.8762	0.0413	0.8522	0.8442	0.2348
la2s-wc		0.8775	0.0408	0.8632	0.8457	0.2205
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7647	0.0118	0.4625	0.7538	0.0477
led24		0.6500	0.0700	0.6322	0.6034	0.1506
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.7100	0.0223	0.7079	0.6983	0.2761
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.8056	0.0259	0.8332	0.7914	0.0921
linkage		0.9999	0.0001	0.9901	0.9800	0.0039
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9999	0.0001	0.9952	0.9903	0.0005
liver		0.7647	0.2353	0.7312	0.4625	0.7536
loan		0.9087	0.0913	0.9021	0.8034	0.4094
localization10%		0.4035	0.1085	0.1689	0.1684	0.4934
lrs		0.8868	0.0226	0.5757	0.8424	0.0723
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.7500	0.0714	0.6050	0.6923	0.0610
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.6562	0.6348	0.1754
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.9149	0.0851	0.9134	0.8260	0.3936
madelon		0.6038	0.3962	0.6042	0.2077	0.9232
magic04		0.7827	0.2173	0.7534	0.4988	0.6999
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.9062	0.0938	0.7888	0.5404	0.4428
maternal		0.6238	0.2508	0.6308	0.4190	0.5651
math		0.8000	0.1000	0.8070	0.6878	0.2427
mba		0.8210	0.1194	0.3762	0.0967	0.3827
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2100	0.3160	0.2191	0.0089	0.8310
messidor		0.7304	0.2696	0.7298	0.4578	0.7758
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.8889	0.0556	0.9183	0.8468	0.1413
meter-D		0.8333	0.0833	0.6813	0.7642	0.1404
mfeat-fac		0.9850	0.0030	0.9854	0.9833	0.0190
mfeat-fou		0.8150	0.0370	0.8173	0.7944	0.1530
mfeat-kar		0.9750	0.0050	0.9755	0.9722	0.0314
mfeat-mor		0.7100	0.0580	0.7093	0.6778	0.2213
mfeat-pix		0.9650	0.0070	0.9659	0.9611	0.0389
mfeat-zer		0.8250	0.0350	0.8284	0.8056	0.0993
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8868	0.0755	0.8903	0.8293	0.2463

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mines		0.4706	0.2118	0.3892	0.3348	0.4078
mobile		0.7657	0.0084	0.7764	0.7615	0.1116
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4800	0.0945	0.4695	0.3663	0.5399
musk		0.9394	0.0606	0.8765	0.7315	0.2623
MUT_ci300400a_cdk_ECFP2		0.7794	0.2206	0.7722	0.5441	0.7076
MUT_ci300400a_cdk_ECFP4		0.7856	0.2144	0.7791	0.5581	0.6970
MUT_ci300400a_cdk_ECFP6		0.7796	0.2204	0.7713	0.5404	0.7021
MUT_ci300400a_cdk_ESTATE		0.7218	0.2782	0.7127	0.4252	0.7974
MUT_ci300400a_cdk_EXTENDED		0.8129	0.1870	0.8072	0.6144	0.6457
MUT_ci300400a_cdk_FCFP2		0.7760	0.2240	0.7684	0.5365	0.7131
MUT_ci300400a_cdk_FCFP4		0.7722	0.2278	0.7642	0.5277	0.7191
MUT_ci300400a_cdk_FCFP6		0.7818	0.2182	0.7756	0.5513	0.7037
MUT_ci300400a_cdk_MACCS		0.7590	0.2410	0.7491	0.4947	0.7346
MUT_ci300400a_cdk_PUBCHEM		0.8347	0.1653	0.8290	0.6572	0.5974
MUT_ci300400a_cdk_STANDARD		0.7725	0.2275	0.7660	0.5319	0.7197
MUT_ci300400a_rdkit_descriptors		0.7895	0.2105	0.7834	0.5659	0.6865
myocardial		0.8941	0.0265	0.4538	0.4863	0.0864
naticusdroid		0.9632	0.0368	0.9632	0.9264	0.2109
NCI60		0.6667	0.1111	0.6061	0.6000	0.1254
nci9		0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA		0.8667	0.0140	0.2510	0.5834	0.2074
ncRNA1%		0.8702	0.0137	0.2197	0.5970	0.1792
ncRNA10%		0.8682	0.0139	0.2377	0.5922	0.2149
neo		0.9026	0.0974	0.6070	0.1100	0.4718
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.6435	0.3565	0.6408	0.2809	0.8871
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.9434	0.0566	0.9306	0.8612	0.3261
NPHA-doctor-visits		0.5278	0.3148	0.3416	0.0137	0.4489
nursery		0.9167	0.0417	0.6965	0.8765	0.1251
obesity		0.7251	0.0785	0.7168	0.6790	0.2831
obs		0.7963	0.1019	0.8408	0.6947	0.2488
occupancy		0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation		0.9911	0.0044	0.9707	0.9730	0.0307
oh0-wc		0.9307	0.0139	0.9333	0.9208	0.0763
oh10-wc		0.7619	0.0476	0.7518	0.7293	0.2377
oh15-wc		0.7717	0.0457	0.7443	0.7410	0.2069
oh5-wc		0.7582	0.0484	0.7642	0.7276	0.2234
olive		0.9649	0.0078	0.9602	0.9565	0.0253
opn310k		0.9092	0.0908	0.6567	0.0019	0.2090
opn310k10%		0.9142	0.0858	0.6706	0.0573	0.2012
opnat310k-hg16-17		0.9090	0.0910	0.5852	0.0017	0.2195
optdigits		0.9609	0.0078	0.9625	0.9565	0.0562
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer		0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8454	0.1546	0.8291	0.6580	0.5966
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8806	0.7612	0.4854
p53-mutants		0.9955	0.0045	0.6848	0.2983	0.3495

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9616	0.0154	0.6895	0.7603	0.2773
parkinson			0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons			0.8009	0.1991	0.7967	0.5892	0.6629
parkinsons-small			0.8421	0.1579	0.8114	0.6175	0.6233
particle			0.9101	0.0899	0.8883	0.7765	0.4459
particle10%			0.9062	0.0938	0.8855	0.7707	0.4643
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8947	0.1053	0.8555	0.7091	0.4943
pediatric-leukemia			0.7941	0.0588	0.7016	0.7416	0.1340
pendigits			0.9327	0.0135	0.9324	0.9251	0.0996
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.3571	-0.2000	0.9762
persistency			0.8163	0.1837	0.8017	0.6019	0.6427
personalities			0.9147	0.0107	0.9147	0.9090	0.1338
pet-adoption			0.9100	0.0900	0.8992	0.7831	0.3023
phishing			0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL			0.9997	0.0003	0.9997	0.9995	0.0027
PhiUSIIL10%			0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc			0.6543	0.0988	0.6216	0.5946	0.3446
phone-acc0.1%			0.6508	0.0998	0.6294	0.5907	0.3452
phone-acc1%			0.6521	0.0994	0.6201	0.5921	0.3472
phone-acc10%			0.6523	0.0993	0.6212	0.5923	0.3502
phone-gyr			0.6298	0.1058	0.5989	0.5660	0.3641
phone-gyr0.1%			0.6145	0.1101	0.5842	0.5479	0.3706
phone-gyr1%			0.6254	0.1070	0.5954	0.5611	0.3640
phone-gyr10%			0.6226	0.1078	0.5913	0.5571	0.3715
phoneme			0.7593	0.2407	0.6882	0.3725	0.7782
phy			0.7056	0.2944	0.7056	0.4111	0.8133
pima			0.7237	0.2763	0.7074	0.3667	0.6931
pirvision			0.9837	0.0109	0.9711	0.9478	0.0878
placement			0.7990	0.2010	0.7933	0.5865	0.6721
plant-growth			0.4737	0.5263	0.4555	-0.0795	0.9947
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4966	0.1438	0.0948	-0.0054	0.2141
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th			0.9357	0.0643	0.6671	0.2205	0.3986
polya			0.7903	0.2097	0.7660	0.5279	0.6927
popularity			0.6593	0.2272	0.4078	0.1946	0.4787
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8102	0.0759	0.8098	0.7627	0.2926
pred-tox_mutagen_ref-desc			0.6912	0.3088	0.6919	0.3824	0.8284
prestige			0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor			0.4848	0.0468	0.1998	0.4193	0.2160
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.7910	0.2090	0.7543	0.5032	0.6991
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.7143	0.2857	0.7292	0.4400	0.7482
prostate_GE			0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio			0.8229	0.0709	0.7542	0.7591	0.2484

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
puc-rio10%			0.8292	0.0683	0.7547	0.7681	0.2416
pufs-1281%			0.5020	0.4980	0.5020	0.0040	0.9988
pufs-12810%			0.4988	0.5012	0.4988	-0.0025	1.0000
pufs-64			0.5022	0.4978	0.5022	0.0044	0.9977
pufs-641%			0.5017	0.4983	0.5017	0.0033	0.9990
pufs-6410%			0.5012	0.4988	0.5012	0.0023	0.9992
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535
raisin			0.9111	0.0889	0.9111	0.8222	0.3993
re0-wc			0.8667	0.0205	0.8663	0.8243	0.1755
re1-wc			0.8614	0.0111	0.7760	0.8424	0.1051
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.9863	0.0137	0.9861	0.9722	0.0959
rocket			0.6067	0.3933	0.5771	0.1494	0.9241
RT_IOT2022			0.9825	0.0029	0.8615	0.9561	0.0199
satimage			0.8320	0.0560	0.7806	0.7900	0.1923
satimageF			0.9829	0.0171	0.9552	0.9101	0.1937
satimageT			0.9005	0.0995	0.6618	0.0273	0.2231
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.6786	0.3571	0.7720
schizo			0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.8708	0.1292	0.8697	0.7392	0.5133
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9394	0.0173	0.9450	0.9291	0.0724
segmentation			0.8168	0.1832	0.7969	0.5919	0.6461
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9380	0.0620	0.6847	0.1046	0.1594
semeion			1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8658	0.1342	0.6041	0.1440	0.6038
sens-4-gram			0.8368	0.1632	0.6043	0.2051	0.7461
sens-5-gram			0.8237	0.1763	0.5678	0.1328	0.7659
sensorless			0.7487	0.0457	0.7506	0.7236	0.2535
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8856	0.1144	0.7440	0.4269	0.4764
shuttle			0.9328	0.0192	0.5089	0.7917	0.1905
sick			0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9188	0.0812	0.8779	0.7557	0.4666
skin10%			0.9159	0.0842	0.8723	0.7445	0.4734
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1400	0.4300	0.1501	-0.1412	0.8481
smk_can_187			0.7368	0.2632	0.7449	0.4633	0.6993
smoking			0.7474	0.2526	0.7332	0.4655	0.7631
soil_pollution			0.2033	0.3187	0.2061	0.0008	0.8296
solar-flare			0.7482	0.0839	0.6915	0.6753	0.1915
sonar			0.4500	0.5500	0.4497	-0.1000	1.0000
soybean			0.9559	0.0046	0.9546	0.9518	0.0330
spam-detection			0.9425	0.0575	0.8090	0.6069	0.4573
spambase			0.9087	0.0913	0.9042	0.8061	0.3953
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.7714	0.2286	0.7046	0.4043	0.7557
spectrometer			0.4231	0.0427	0.2595	0.3861	0.1985
splice-EI			0.9558	0.0442	0.9463	0.8885	0.3008
splice-IE			0.9117	0.0883	0.8748	0.7485	0.4517

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sport-articles			0.8000	0.2000	0.7802	0.5510	0.6550
squash-stored			0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored			0.8000	0.1333	0.5714	0.6429	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7554	0.1631	0.7027	0.6014	0.4678
steel-b			0.8256	0.1744	0.7006	0.3742	0.6660
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9524	0.1266
steel-o			0.7692	0.2308	0.7353	0.4361	0.6635
steel-p			0.9282	0.0718	0.7214	0.4253	0.5579
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9590	0.0410	0.8834	0.7667	0.4153
stellar			0.9203	0.0531	0.9116	0.8565	0.2335
stock			0.8889	0.1111	0.8020	0.6006	0.5660
stockb			0.9692	0.0206	0.9704	0.9538	0.0665
streaming			0.8060	0.1940	0.8034	0.6066	0.6547
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6400	0.1440	0.3522	0.3959	0.3819
student-depression			0.8373	0.1627	0.8313	0.6616	0.5916
student-habits			0.4400	0.2240	0.2035	0.1088	0.4531
student-weekend			0.3846	0.2462	0.2809	0.1228	0.6416
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.3636	0.1415	0.6139
susy			0.7880	0.2120	0.7880	0.5664	0.6592
susy1%			0.7934	0.2066	0.7931	0.5781	0.6533
susy10%			0.7896	0.2104	0.7894	0.5700	0.6590
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.8949	0.1051	0.8632	0.7259	0.4949
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9252	0.0748	0.8998	0.7996	0.4150
tis10%			0.8657	0.1343	0.8126	0.6228	0.5810
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.8750	0.0500	0.7467	0.8182	0.0440
tox_171			0.8824	0.0588	0.9083	0.8440	0.0951
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.8049	0.0434	0.8112	0.7645	0.1961
trec12-wc			0.6452	0.0887	0.6915	0.5548	0.2243
trec21-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec23-wc			0.9524	0.0159	0.9480	0.9352	0.0757
trec31-wc			0.9677	0.0108	0.9822	0.9571	0.0530
trec41-wc			0.9318	0.0136	0.9218	0.9180	0.1355
trec45-wc			0.9420	0.0116	0.8609	0.9324	0.0463
tuandromd			0.9798	0.0202	0.9686	0.9371	0.1727
turkish			0.8000	0.1000	0.8041	0.7333	0.2397
tvnews			0.8979	0.1021	0.8895	0.7788	0.4514
tvnews1%			0.9000	0.1000	0.8921	0.7786	0.4044
tvnews10%			0.9052	0.0948	0.8973	0.7940	0.4245
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7761	0.0498	0.7746	0.7370	0.1811
urinalysis			0.9650	0.0350	0.8088	0.5311	0.1051
ustilago1%			0.9870	0.0130	0.4967	-0.0049	0.5377
ustilago10%			0.9897	0.0103	0.6536	0.1943	0.3061
vehicle			0.7500	0.1250	0.7356	0.6670	0.2101
vehicleVAN			0.9762	0.0238	0.9682	0.9344	0.0938
voice			0.9167	0.0833	0.9184	0.8235	0.3522
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.4848	0.0937	0.4621	0.4333	0.2693
vowelZ			0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17			0.9218	0.0782	0.7048	0.3508	0.4884
wap-wc			0.7436	0.0256	0.6016	0.7147	0.2120
warpar10p			0.9231	0.0154	0.8743	0.9133	0.0195
warppie10p			0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc			0.6093	0.1116	0.5964	0.5420	0.4400
watch-acc1%			0.5953	0.1156	0.5841	0.5255	0.4495
watch-acc10%			0.5932	0.1162	0.5785	0.5230	0.4615
watch-gyr			0.5892	0.1174	0.5746	0.5195	0.4269
watch-gyr1%			0.5602	0.1257	0.5430	0.4856	0.4506
watch-gyr10%			0.6011	0.1140	0.5836	0.5330	0.4147
water_pollution			0.2133	0.3933	0.2134	-0.0494	0.8878
waveform			0.8560	0.0960	0.8561	0.7840	0.3417
weather-related			0.9635	0.0066	0.9645	0.9586	0.0484
web-phishing			0.8000	0.1333	0.5508	0.6227	0.3366
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.8754	0.0498	0.8690	0.8420	0.2117
white-clover			0.8333	0.0833	0.4268	0.6667	0.1796
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9752	0.0248	0.8526	0.6876	0.2866
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6038	0.1321	0.2709	0.3360	0.3408
winequality-white			0.5194	0.1602	0.2846	0.2123	0.4573
winnipeg			0.9903	0.0028	0.9855	0.9877	0.0309
winnipeg10%			0.9871	0.0037	0.9895	0.9837	0.0272
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.4730	0.1054	0.2955	0.3187	0.4085
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1			0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2			0.9662	0.0338	0.7773	0.4325	0.1018
zip			0.9290	0.0142	0.9224	0.9204	0.1064

Table 243: Detailed results for VBLR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1727	0.0571	0.0692	0.0816	0.4288
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer		0.9806	0.0194	0.4951	-0.0029	0.3541
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.8464	0.1536	0.7752	0.5446	0.6284
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.8451	0.1549	0.7730	0.5280	0.5940
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8510	0.1490	0.5880	0.0211	0.3661
airline		0.8744	0.1256	0.8719	0.7434	0.5027
alcohol		0.7524	0.0990	0.2637	0.3917	0.2405
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.8558	0.1442	0.8398	0.6778	0.5580
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9291	0.0355	0.6703	0.8620	0.1743
anuran-genus		0.9485	0.0129	0.8618	0.9142	0.1478
anuran-species		0.9528	0.0094	0.9054	0.9339	0.0762
anxiety		0.1083	0.1981	0.0988	-0.0069	0.7640
apple-quality		0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure		0.9907	0.0093	0.8550	0.7032	0.3245
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.6183	0.0213	0.0830
arcene		0.8000	0.2000	0.7917	0.5833	0.6737

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arrhythmia		0.7333	0.0533	0.5130	0.5068	0.1674
auction		0.8971	0.1029	0.7211	0.3859	0.5057
audiology		0.7826	0.0181	0.3438	0.7467	0.0550
audit-risk		0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		0.9655	0.0345	0.9667	0.9311	0.1675
autos		0.7500	0.0833	0.5732	0.6599	0.1802
avila		0.5328	0.0779	0.3026	0.2859	0.3293
babies		0.4194	0.1659	0.1352	0.0745	0.4097
balance		0.8871	0.0753	0.7128	0.7955	0.3645
bank		0.9121	0.0879	0.7521	0.4915	0.5614
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8918	0.7790	0.4097
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9969	0.0031	0.9045	0.7949	0.0979
bio10%		0.9966	0.0034	0.8995	0.7983	0.3018
biodeg		0.8762	0.1238	0.8713	0.7412	0.5090
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9858	0.0026	0.0903	0.0000	0.0156
body-perf		0.5903	0.2049	0.5798	0.4537	0.5214
bookings		0.9900	0.0066	0.7656	0.9788	0.0329
brain-tumor		0.5040	0.4960	0.5039	0.0077	0.9961
breast-cancer		0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co		0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.7407	0.7800	0.0723
bridges		0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17		0.9093	0.0907	0.6572	0.0038	0.2089
bub12at310k-hg16-17		0.9092	0.0908	0.6567	0.0019	0.2090
bub8at310k-hg16-17		0.9093	0.0907	0.6571	0.0035	0.2089
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae		0.4940	0.3373	0.3999	0.0021	0.3463
car		0.8506	0.0747	0.6115	0.6770	0.3478
car-insurance		0.8330	0.1670	0.8021	0.6031	0.6293
card		0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography		0.7746	0.0451	0.6650	0.7261	0.2132
cardiotocography-nsp		0.8873	0.0751	0.7850	0.6956	0.4027
cardiovascular		0.7193	0.2807	0.7200	0.4386	0.7914
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.6750	0.2167	0.5467	0.4084	0.5899
cas_N6512_cdk_ECFP2		0.7588	0.2412	0.7569	0.5136	0.7371
cas_N6512_rdkit_ATOMPAIR		0.7215	0.2785	0.7195	0.4388	0.7933
cas_N6512_RDkit_AtomPair_FP		0.7515	0.2485	0.7493	0.4968	0.7446
cas_N6512_rdkit_AVALON		0.7865	0.2135	0.7852	0.5704	0.6905
cas_N6512_RDkit_Avalon_FP		0.6595	0.3405	0.6555	0.3041	0.8575
cas_N6512_rdkit_descriptors		0.7400	0.2600	0.7386	0.4773	0.7663
cas_N6512_rdkit_FEATMORGAN		0.7588	0.2412	0.7568	0.5132	0.7366
cas_N6512_RDkit_Featmorgan_FP		0.7715	0.2285	0.7701	0.5401	0.7165
cas_N6512_RDkit_FP		0.7485	0.2515	0.7465	0.4928	0.7533
cas_N6512_rdkit_LAYERED		0.7815	0.2185	0.7816	0.5624	0.6963
cas_N6512_RDkit_Layered_FP		0.7653	0.2347	0.7634	0.5262	0.7255
cas_N6512_rdkit_MACCS		0.7619	0.2381	0.7600	0.5165	0.7235

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_RDkit_MACCS_FP		0.7607	0.2393	0.7594	0.5189	0.7341
cas_N6512_rdkit_MORGAN		0.7877	0.2123	0.7860	0.5706	0.6845
cas_N6512_RDkit_morgan_FP		0.7791	0.2209	0.7781	0.5561	0.7032
cas_N6512_rdkit_PATTERN		0.7785	0.2215	0.7770	0.5541	0.7046
cas_N6512_RDkit_pattern_FP		0.7730	0.2270	0.7722	0.5442	0.7132
cas_N6512_rdkit_RDKITFP		0.7650	0.2350	0.7634	0.5267	0.7272
cas_N6512_rdkit_TORSION		0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8485	0.1010	0.4249	0.2040	0.3251
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.8135	0.1865	0.7943	0.5885	0.6591
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9520	0.0480	0.7611	0.4898	0.4374
census10%		0.9542	0.0458	0.7566	0.4801	0.4385
central-nervous-system		0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B		0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.8318	0.0841	0.6276	0.7428	0.2074
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8080	0.1920	0.6372	0.2139	0.6601
churn-bigml		0.8914	0.1086	0.7484	0.3894	0.3494
ci900367j_MACCS		0.6947	0.3053	0.6598	0.3024	0.8143
circles		0.2720	0.0146	0.2669	0.2646	0.1562
cirrhosis		0.7857	0.1429	0.5337	0.5685	0.3575
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7713	0.1144	0.4960	0.6246	0.2973
climate		0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111		0.3333	0.4444	0.1905	-0.2000	0.5700
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4966	0.3356	0.4866	0.2311	0.7393
cnae-9		0.9722	0.0062	0.9735	0.9688	0.0311
codon_usage		0.8580	0.0258	0.6809	0.8265	0.1922
coil20		0.9792	0.0021	0.9804	0.9781	0.0148
college		0.9091	0.0909	0.8873	0.7742	0.4595
collins		0.6200	0.0507	0.4878	0.5751	0.1867
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6207	0.3793	0.5271	0.0478	0.9158
colposcopies-2		0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3		0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c		0.7931	0.2069	0.6736	0.2984	0.6721
column-2c		0.9032	0.0968	0.8931	0.7842	0.4537
column-3c		0.8065	0.1290	0.7395	0.6853	0.2802
connect-4		1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne		0.7668	0.2332	0.7669	0.5337	0.7225
coupon		0.6853	0.3147	0.6756	0.3493	0.8413

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covid19		0.5355	0.1327	0.2158	0.1597	0.3342
covtype		0.7148	0.0815	0.5022	0.5309	0.3809
covtype10%		0.7096	0.0830	0.5189	0.5213	0.3795
covtypeCD		0.9453	0.0547	0.8778	0.7516	0.3775
covtypeT		0.9410	0.0590	0.7354	0.4533	0.5280
crabs		1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans		0.9993	0.0007	0.8933	0.7761	0.1736
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.8793	0.0402	0.6473	0.7412	0.2496
cryotherapy		0.8889	0.1111	0.9000	0.7805	0.3522
cultivars		0.1250	0.0437	0.0554	0.0977	0.1731
customer-churn		0.9796	0.0204	0.6687	0.0188	0.0680
cybersecurity		0.1533	0.2822	0.1570	-0.0187	0.8849
cyclopentane		0.7037	0.2963	0.7191	0.4194	0.7609
cylinder-bands		0.7407	0.2593	0.7349	0.4698	0.7686
darwin		0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1036	0.1793	0.0869	0.0027	0.7791
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8143	0.1857	0.6851	0.2981	0.5975
defect		0.8858	0.1142	0.7564	0.4416	0.4305
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.9013	0.0987	0.7195	0.4140	0.5746
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.5000	0.3333	0.5919	0.2889	0.5108
dexter		0.6333	0.3667	0.6588	0.2667	0.7642
df_final		0.8125	0.1250	0.8452	0.7108	0.2409
DIA		0.7333	0.2667	0.5270	0.0303	0.7455
diabetes		0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k		0.9570	0.0430	0.8471	0.6794	0.3492
diabetes-risk		0.8521	0.1479	0.7531	0.4922	0.6210
diabetic1%		0.5882	0.2745	0.3870	0.1760	0.5765
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all		0.6498	0.1401	0.5343	0.4848	0.4177
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dota2		0.5989	0.4011	0.5957	0.1897	0.9274
dota210%		0.5689	0.4311	0.5652	0.1294	0.9531
drebin		0.9767	0.0233	0.9750	0.9500	0.1561
dropout		0.7607	0.1595	0.6990	0.6082	0.4565
drug-01		0.4149	0.1672	0.1931	0.0463	0.3584
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5213	0.1368	0.1605	0.0496	0.3792
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4255	0.1641	0.2225	0.2571	0.4412
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5479	0.1292	0.1642	0.0558	0.3921
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5585	0.1261	0.1538	0.1375	0.3501

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6170	0.1094	0.1715	0.2188	0.3621
drug-14		0.6011	0.1140	0.2242	0.2515	0.3925
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5904	0.1170	0.2402	0.2940	0.3857
drug-17		0.3670	0.1809	0.1766	0.1161	0.4925
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7553	0.0699	0.1229	-0.0198	0.2767
drybean		0.9221	0.0223	0.9355	0.9058	0.1230
ecoli		0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.3718	0.0785	0.3846	0.2997	0.6025
eeg-eye		0.5988	0.4012	0.5860	0.1609	0.9074
eeg10%		0.3587	0.0802	0.3189	0.2852	0.5733
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6301	0.1479	0.5894	0.5188	0.3915
euthyroid		0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq		0.8954	0.1046	0.8966	0.7911	0.4367
exon.vs.intron-freq10%		0.8898	0.1102	0.8905	0.7797	0.4565
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc		0.2073	0.0933	0.0202	0.0000	0.3505
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk		0.7565	0.0812	0.4862	0.5848	0.2308
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.6500	0.1000	0.4109	0.5513	0.2591
fonts10%		0.3806	0.0081	0.0509	0.3291	0.3516
forest		0.9231	0.0385	0.9159	0.8939	0.1150
gas		0.9899	0.0034	0.9898	0.9878	0.0274
gastrointestinal		0.6875	0.2083	0.6333	0.4872	0.5512
gender		0.6021	0.2653	0.3807	0.1449	0.5100
gene		0.9274	0.0484	0.9161	0.8836	0.2037
german		0.7200	0.2800	0.6712	0.3017	0.7423
gestures		0.2851	0.3574	0.3327	0.0449	0.5534
gina		0.8905	0.1095	0.8906	0.7807	0.4564
gisette		0.9600	0.0400	0.9601	0.9200	0.2242
glass		0.5714	0.1429	0.4752	0.3721	0.3081
glass-g2		0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP		0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP		0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8929	0.1071	0.8949	0.7840	0.4385
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.2110	0.0566	0.5338
gsalc		0.2222	0.2593	0.1224	0.1250	0.2499
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9460	0.0090	0.6899	0.9361	0.0492

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har		0.7380	0.1048	0.7270	0.6672	0.4052
har70		0.7575	0.0693	0.4158	0.6087	0.1922
har701%		0.7593	0.0688	0.4226	0.6115	0.1846
har7010%		0.7575	0.0693	0.4143	0.6086	0.1927
harth		0.6578	0.0570	0.2277	0.5049	0.2296
harth1%		0.6570	0.0572	0.2272	0.5042	0.2270
harth10%		0.6568	0.0572	0.2292	0.5036	0.2308
hayes-roth		0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival		0.6471	0.3529	0.6357	0.2714	0.8868
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure		0.8400	0.1600	0.8119	0.6234	0.6155
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass		0.8365	0.1635	0.8365	0.6729	0.5907
hepmass1%		0.8367	0.1633	0.8367	0.6733	0.5903
hepmass10%		0.8361	0.1639	0.8361	0.6723	0.5914
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs		0.6421	0.3579	0.6390	0.2738	0.8810
higgs0.1%		0.6564	0.3436	0.6536	0.3043	0.8687
higgs1%		0.6421	0.3579	0.6390	0.2722	0.8774
higgs10%		0.6421	0.3579	0.6394	0.2741	0.8798
higher		0.2857	0.1786	0.1741	0.1139	0.3075
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa		0.9309	0.0691	0.8746	0.7484	0.4369
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.6944	0.2037	0.6593	0.4677	0.5320
hotel-reservartions		0.8208	0.1792	0.7912	0.5793	0.6439
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.5773	0.2818	0.5847	0.3705	0.6386
ht-sensor10%		0.5567	0.2955	0.5640	0.3403	0.6586
htru2		0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid		0.9390	0.0305	0.5680	0.5292	0.1794
hypothyroidT		0.9655	0.0345	0.8668	0.6944	0.1058
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9393	0.0303	0.9403	0.9191	0.1193
ionosphere		0.8857	0.1143	0.8674	0.7348	0.5055
iris		0.9333	0.0444	0.9303	0.8980	0.0943
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.9268	0.0056	0.9280	0.9239	0.0699
jm1		0.8108	0.1892	0.6082	0.1230	0.5922
jvowels		0.9357	0.0143	0.9309	0.9272	0.1012
kc1		0.8720	0.1280	0.7108	0.3665	0.5495
kc1-class-level-defectiveornot		0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.7885	0.2115	0.6298	0.2394	0.7582
kddcup9810%		0.9277	0.0723	0.4813	-0.0307	0.6571
kddcup991%		0.9972	0.0004	0.7328	0.9952	0.0136
kddcup9910%		0.9984	0.0002	0.6034	0.9972	0.0109
kepler		0.8504	0.0997	0.7980	0.7527	0.2403
kidney		0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.2781	0.0802	0.1824	0.1732	0.5259
krvskp		0.9687	0.0313	0.9690	0.9373	0.1810
la2s-wc		0.2980	0.2340	0.0765	0.0000	0.3641
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.5294	0.0235	0.2879	0.5125	0.0716
led24		0.7000	0.0600	0.6724	0.6610	0.1227
lenses		0.6667	0.2222	0.5714	0.5000	0.1761
letter		0.7095	0.0223	0.7068	0.6978	0.2730
leukemia		0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.7222	0.0370	0.7249	0.7022	0.1182
linkage		0.9998	0.0002	0.9895	0.9787	0.0064
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9999	0.0001	0.9952	0.9903	0.0005
liver		0.7941	0.2059	0.7598	0.5182	0.7036
loan		0.9180	0.0820	0.9123	0.8240	0.3820
localization		0.3305	0.1217	0.0452	0.0000	0.3083
localization10%		0.3920	0.1105	0.1626	0.1545	0.5043
lrs		0.8679	0.0264	0.4494	0.8154	0.0766
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure		0.8936	0.1064	0.8916	0.7825	0.4564
madelon		0.5808	0.4192	0.5815	0.1615	0.9405
magic04		0.7817	0.2183	0.7523	0.4971	0.7031
malware		0.8108	0.1892	0.4478	0.0000	0.3405
mammography		0.8542	0.1458	0.8536	0.7072	0.5518
marketing		0.9018	0.0982	0.7768	0.5110	0.4530
maternal		0.6139	0.2574	0.6155	0.4043	0.5616
math		0.7250	0.1375	0.7008	0.5587	0.3052
mba		0.8226	0.1183	0.3781	0.0998	0.3791
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2100	0.3160	0.2174	0.0088	0.8403
messidor		0.7304	0.2696	0.7280	0.4553	0.7797
meter-A		0.6250	0.3750	0.7241	0.3333	0.5283
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		0.6667	0.1667	0.7585	0.5385	0.2816
meter-D		0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac		0.9750	0.0050	0.9756	0.9722	0.0290
mfeat-fou		0.8250	0.0350	0.8253	0.8056	0.1518
mfeat-kar		0.9600	0.0080	0.9611	0.9556	0.0499
mfeat-mor		0.7150	0.0570	0.7152	0.6833	0.2201
mfeat-pix		0.9650	0.0070	0.9663	0.9611	0.0389
mfeat-zer		0.8150	0.0370	0.8135	0.7944	0.1157
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		0.8868	0.0755	0.8903	0.8293	0.2463
mines		0.5588	0.1765	0.4723	0.4426	0.3821
mobile		0.7552	0.0087	0.7613	0.7508	0.1093
monks-1		0.6364	0.3636	0.6382	0.2696	0.8776
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
monks-3			0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.4806	0.0944	0.4731	0.3667	0.5411
musk			0.9318	0.0682	0.8598	0.6908	0.2790
MUT_ci300400a_cdk_ECFP2			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6			0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE			0.7182	0.2818	0.7089	0.4175	0.8024
MUT_ci300400a_cdk_EXTENDED			0.8058	0.1942	0.7997	0.5993	0.6595
MUT_ci300400a_cdk_FCFP2			0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6			0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS			0.7506	0.2494	0.7401	0.4756	0.7461
MUT_ci300400a_cdk_PUBCHEM			0.8299	0.1701	0.8240	0.6470	0.6072
MUT_ci300400a_cdk_STANDARD			0.7760	0.2240	0.7683	0.5361	0.7129
MUT_ci300400a_rdkit_descriptors			0.7782	0.2218	0.7723	0.5442	0.7082
myocardial			0.8765	0.0309	0.2785	0.3554	0.1023
naticusdroid			0.9628	0.0372	0.9629	0.9257	0.2123
NCI60			0.6667	0.1111	0.6061	0.6000	0.1254
nci9			0.3333	0.2222	0.2500	0.2000	0.3026
ncRNA			0.8661	0.0141	0.2353	0.5803	0.2089
ncRNA1%			0.8661	0.0141	0.2001	0.5777	0.1886
ncRNA10%			0.8676	0.0139	0.2400	0.5884	0.2078
neo			0.9027	0.0973	0.6073	0.1088	0.4676
new-thyroid			1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT			1.0000	0.0000	1.0000	1.0000	0.0000
newspop			0.6471	0.3529	0.6443	0.2879	0.8832
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9446	0.0554	0.9320	0.8640	0.3214
NPHA-doctor-visits			0.5278	0.3148	0.3416	0.0137	0.4489
nursery			0.9174	0.0413	0.6971	0.8777	0.1241
obesity			0.7109	0.0826	0.7024	0.6625	0.2841
obs			0.7870	0.1065	0.8265	0.6815	0.2624
occupancy			0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation			0.9901	0.0049	0.9691	0.9700	0.0427
oh0-wc			0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc			0.3048	0.1390	0.0922	0.1705	0.3657
oh15-wc			0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc			0.1648	0.1670	0.0283	0.0000	0.3885
olive			0.9474	0.0117	0.9345	0.9347	0.0365
opn310k			0.9092	0.0908	0.6567	0.0019	0.2090
opn310k10%			0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.9573	0.0085	0.9587	0.9525	0.0627
optdigitsZ			0.9964	0.0036	0.9889	0.9776	0.0175
orl			0.6250	0.0187	0.5669	0.6154	0.0791
orlraws10P			0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer			0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.8557	0.1443	0.8382	0.6761	0.5708
P-Glycoprotein_c_RDkit_AtomPair_FP			0.9127	0.0873	0.9141	0.8256	0.3826
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9580	0.0168	0.6721	0.7350	0.2822
parkinson			0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons			0.7962	0.2038	0.7909	0.5784	0.6736

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons-small			0.8947	0.1053	0.8643	0.7286	0.5039
particle			0.9100	0.0900	0.8882	0.7764	0.4464
particle10%			0.9100	0.0900	0.8901	0.7799	0.4523
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.5825	0.4175	0.3681	0.0000	0.5072
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8553	0.1447	0.7944	0.5769	0.5763
pendigits			0.9290	0.0142	0.9286	0.9211	0.1035
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.6239	0.3761	0.3842	0.0000	0.4887
personalities			0.9142	0.0107	0.9142	0.9084	0.1344
pet-adoption			0.9200	0.0800	0.9103	0.8088	0.2835
phishing			0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL			0.9996	0.0004	0.9996	0.9992	0.0039
PhiUSIIL10%			0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc0.1%			0.6409	0.1026	0.6210	0.5791	0.3496
phone-acc1%			0.6476	0.1007	0.6130	0.5867	0.3482
phone-acc10%			0.6433	0.1019	0.6091	0.5817	0.3551
phone-gyr0.1%			0.6023	0.1136	0.5685	0.5334	0.3697
phone-gyr1%			0.6215	0.1081	0.5887	0.5564	0.3577
phone-gyr10%			0.6251	0.1071	0.5930	0.5605	0.3578
phoneme			0.7593	0.2407	0.6882	0.3725	0.7782
phy			0.7072	0.2928	0.7072	0.4143	0.8115
pima			0.6974	0.3026	0.6735	0.3063	0.7532
pirvision			0.9837	0.0109	0.9686	0.9478	0.0851
placement			0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth			0.8421	0.1579	0.8427	0.6816	0.5635
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.6045	0.0775	0.3665
polya			0.7881	0.2119	0.7629	0.5203	0.6933
popularity			0.6573	0.2285	0.4056	0.1874	0.4791
post-operative			0.6667	0.2222	0.2667	0.0000	0.2322
postures			0.8096	0.0762	0.8091	0.7619	0.2933
pred-tox_mutagen_ref-desc			0.6029	0.3971	0.6068	0.2059	0.9040
prestige			0.7778	0.1481	0.5926	0.6400	0.1389
primary-tumor			0.4545	0.0496	0.2043	0.3914	0.2084
processed			0.9996	0.0004	0.9995	0.9991	0.0063
profb			0.8060	0.1940	0.7711	0.5330	0.6591
promoters			0.8000	0.2000	0.8077	0.5455	0.4011
prostate			0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE			0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio			0.8279	0.0689	0.7489	0.7660	0.2520
puc-rio10%			0.8310	0.0676	0.7422	0.7708	0.2539
pufs-1281%			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.5000	-0.0000	0.7289
pufs-64			0.5023	0.4977	0.5023	0.0045	0.9969
pufs-641%			0.5062	0.4938	0.5062	0.0124	0.9950
pufs-6410%			0.5017	0.4983	0.5017	0.0034	0.9990
pulsar			0.9792	0.0208	0.9355	0.8661	0.1535

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
raisin			0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc			0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc			0.2229	0.0622	0.0146	0.0000	0.3325
rejafada			0.9648	0.0352	0.4910	0.0000	0.1039
relathe			0.9930	0.0070	0.9929	0.9858	0.0469
rice			0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq			0.3750	0.2500	0.1091	0.0000	0.3593
rocket			0.6052	0.3948	0.5757	0.1468	0.9258
RT_IOT2022			0.9824	0.0029	0.8610	0.9557	0.0195
satimage			0.8258	0.0581	0.7727	0.7822	0.2037
satimageF			0.9860	0.0140	0.9632	0.9255	0.1348
satimageT			0.8989	0.1011	0.4734	0.0000	0.2253
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5882	0.4118	0.5908	0.1765	0.9230
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.8728	0.1272	0.8717	0.7431	0.5083
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9221	0.0223	0.9285	0.9089	0.0903
segmentation			0.8416	0.1584	0.8402	0.6710	0.5722
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.7643	0.0429	0.7652	0.7407	0.2409
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8856	0.1144	0.7440	0.4269	0.4764
shuttle			0.9295	0.0201	0.5072	0.7792	0.1894
sick			0.9602	0.0398	0.8172	0.6142	0.3752
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9188	0.0812	0.8779	0.7557	0.4666
skin10%			0.9159	0.0842	0.8723	0.7445	0.4734
smarket			1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.5263	0.4737	0.3448	0.0000	0.5239
smoking			0.7472	0.2528	0.7329	0.4650	0.7635
soil_pollution			0.1967	0.3213	0.2041	-0.0082	0.8347
solar-flare			0.7554	0.0815	0.6968	0.6846	0.1876
sonar			0.5000	0.5000	0.5000	0.0000	0.9934
soybean			0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection			0.9420	0.0580	0.8069	0.6023	0.4589
spambase			0.9087	0.0913	0.9042	0.8061	0.3953
spect			0.8148	0.1852	0.6923	0.3478	0.6626
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.4231	0.0427	0.2381	0.3841	0.1814
splice-EI			0.9590	0.0410	0.9479	0.8944	0.2900
splice-IE			0.9117	0.0883	0.8757	0.7509	0.4580
sport-articles			0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored			0.4000	0.4000	0.3030	0.0000	0.5733
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.7537	0.1642	0.7009	0.5988	0.4698
steel-b			0.8154	0.1846	0.6851	0.3512	0.7045
steel-d			0.9744	0.0256	0.7333	0.2794	0.0817

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-k			0.9744	0.0256	0.9611	0.9221	0.2232
steel-o			0.7538	0.2462	0.7154	0.3962	0.6954
steel-p			0.9333	0.0667	0.7287	0.4051	0.4581
steel-s			0.9795	0.0205	0.8564	0.7039	0.3276
steel-z			0.9641	0.0359	0.9005	0.8006	0.3957
stellar			0.9101	0.0599	0.9004	0.8375	0.2507
stock			0.9236	0.0764	0.8636	0.7209	0.4165
stockb			0.9648	0.0235	0.9664	0.9471	0.0725
streaming			0.8000	0.2000	0.7975	0.5949	0.6667
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.6450	0.1420	0.3614	0.4059	0.3789
student-depression			0.8351	0.1649	0.8290	0.6571	0.5962
student-habits			0.4200	0.2320	0.1934	0.0791	0.4574
student-weekend			0.4000	0.2400	0.2320	0.1201	0.5705
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6154	0.2564	0.4782	0.3750	0.4230
susy			0.7880	0.2120	0.7880	0.5664	0.6592
susy1%			0.7940	0.2060	0.7937	0.5793	0.6519
susy10%			0.7893	0.2107	0.7891	0.5695	0.6594
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn			0.9020	0.0980	0.8726	0.7449	0.4736
texture			0.9982	0.0003	0.9982	0.9980	0.0028
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff			0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.9132	0.0868	0.8836	0.7671	0.4553
tis10%			0.8284	0.1716	0.7453	0.4541	0.5957
titanic			0.8182	0.1818	0.7833	0.5545	0.6262
tourist			0.7500	0.1000	0.5250	0.6364	0.1042
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			1.0000	0.0000	1.0000	1.0000	0.0000
transfusion			0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc			0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc			0.3226	0.1694	0.1646	0.0538	0.3471
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.4091	0.1182	0.1112	0.2105	0.3403
trec45-wc			0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd			0.9776	0.0224	0.9659	0.9315	0.2128
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews			0.8983	0.1017	0.8899	0.7796	0.4501
tvnews1%			0.9154	0.0846	0.9086	0.8143	0.3706
tvnews10%			0.8959	0.1041	0.8871	0.7731	0.4489
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.7612	0.0531	0.7851	0.7190	0.1675
urinalysis			0.9441	0.0559	0.6312	0.1817	0.4666
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
vehicle			0.7500	0.1250	0.7356	0.6670	0.2101
vehicleVAN			0.9881	0.0119	0.9841	0.9677	0.0550
voice			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vote			0.9070	0.0930	0.9089	0.8143	0.3926
vowel			0.4949	0.0918	0.4959	0.4444	0.2463
vowelZ			1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17			0.9219	0.0781	0.7054	0.3528	0.4891
warpar10p			1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p			0.4286	0.1143	0.4614	0.3684	0.2671
watch-acc			0.5805	0.1199	0.5675	0.5080	0.4740
watch-acc1%			0.5894	0.1173	0.5768	0.5183	0.4582
watch-acc10%			0.5796	0.1201	0.5664	0.5069	0.4739
watch-gyr			0.5760	0.1211	0.5645	0.5036	0.4297
watch-gyr1%			0.5593	0.1259	0.5445	0.4842	0.4448
watch-gyr10%			0.5691	0.1231	0.5586	0.4954	0.4320
water_pollution			0.2133	0.3933	0.2147	-0.0488	0.8857
waveform			0.8480	0.1013	0.8481	0.7720	0.3550
weather-related			0.9615	0.0070	0.9616	0.9564	0.0489
web-phishing			0.8148	0.1235	0.5642	0.6533	0.3988
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.8726	0.0510	0.8662	0.8385	0.2108
white-clover			0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc			0.9900	0.0050	0.9902	0.9867	0.0215
wilt			0.9710	0.0290	0.8233	0.6176	0.3047
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.6038	0.1321	0.2812	0.3381	0.3407
winequality-white			0.5153	0.1616	0.2810	0.2045	0.4593
winnipeg			0.9892	0.0031	0.9827	0.9863	0.0332
winnipeg10%			0.9859	0.0040	0.9826	0.9821	0.0286
wisc_bc			0.9825	0.0175	0.9817	0.9627	0.1262
yale			0.7500	0.0333	0.6600	0.7311	0.0549
yeast			0.4865	0.1027	0.3001	0.3336	0.3863
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1			0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9280	0.0144	0.9215	0.9192	0.1049

Table 244: Detailed results for VBMPR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1663	0.0794	0.1256	0.0855	0.6175
abalone19		0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8384	0.1077	0.3998	0.0571	0.6014
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.1000	0.2571	0.1501	0.0025	0.3865
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8571	0.0571	0.6710	0.6739	0.3499
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.9888	0.0045	0.9872	0.9766	0.0639
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.9805	0.0097	0.9681	0.9626	0.0406
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.1333	0.1926	0.1278	0.0247	0.7999
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.5000	0.0909	0.4307	0.3495	0.2498
audit-risk		0.3974	0.6026	0.2844	0.0000	0.5233
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.8000	0.0800	0.8456	0.7386	0.1973
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3952	0.1728	0.1841	0.1106	0.7295
balance		0.8871	0.0753	0.6222	0.7931	0.3567
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.5547	0.4453	0.3568	0.0000	0.5166
bankruptcy		0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		0.3810	0.6190	0.2759	0.0000	0.5189
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.5455	0.4545	0.3529	0.0000	0.5193
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.7273	0.0909	0.7081	0.6667	0.1559
bridges		0.5000	0.1667	0.5465	0.3590	0.2440
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.7000	0.3000	0.4118	0.0000	0.4416
caesarian		0.3750	0.6250	0.2727	0.0000	0.5170
cancer		0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae		0.3980	0.4013	0.3157	-0.0390	0.8232
car		0.9483	0.0259	0.9255	0.8923	0.2117
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.8028	0.0394	0.7874	0.7642	0.2555
cardiotocography-nsp		0.8826	0.0782	0.7881	0.6768	0.3292
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.6117	0.2589	0.7076	0.4263	0.3105
cars		0.7250	0.1833	0.6162	0.4781	0.5522
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.5476	0.3016	0.3976	0.1790	0.4743
cjs		0.9071	0.0310	0.8920	0.8869	0.1398
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5102	0.3265	0.4964	0.2426	0.7451
cnae-9		0.5370	0.1029	0.6421	0.4792	0.3088
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.1389	0.0861	0.1645	0.0947	0.3768
college		0.7273	0.2727	0.4211	0.0000	0.4205
collins		0.2200	0.1040	0.2035	0.1518	0.4026
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.6774	0.3226	0.4038	0.0000	0.4574
column-3c		0.7419	0.1720	0.6847	0.5804	0.4082
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
comedy_comparisons10%		0.4827	0.5173	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.4952	0.5048	0.3312	0.0000	0.5289
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.4444	0.5556	0.3077	0.0000	0.5302
cultivars		0.4062	0.0297	0.2839	0.3889	0.0862
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1433	0.2856	0.1415	-0.0285	0.8926
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.6757	0.1081	0.7238	0.5718	0.1980
desharnais		0.6250	0.2500	0.4037	0.2727	0.4605
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.4608	0.3595	0.2999	-0.0463	0.7755
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.9667	0.0167	0.9613	0.9538	0.0533
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.5914	0.2724	0.5177	0.3466	0.6560
drug-01		0.2713	0.2082	0.1562	-0.0087	0.8573
drug-02		0.4096	0.1687	0.2187	0.1428	0.8417
drug-03		0.5532	0.1489	0.2532	0.0719	0.8047
drug-04		0.4043	0.1702	0.2147	0.1280	0.8357
drug-05		0.5479	0.1292	0.1335	-0.0650	0.8984
drug-06		0.3298	0.1915	0.2559	0.1926	0.7247
drug-07		0.3138	0.2287	0.1538	-0.0489	0.7051
drug-08		0.3883	0.1748	0.1424	0.0544	0.8184
drug-09		0.8032	0.0656	0.1875	0.1092	0.4951
drug-10		0.4362	0.1611	0.1826	0.1165	0.7579

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-11		0.7553	0.0699	0.1599	0.0329	0.5905
drug-12		0.6809	0.0912	0.1999	0.0281	0.7252
drug-13		0.5106	0.1398	0.1604	0.1590	0.6856
drug-14		0.4574	0.1550	0.1867	0.1158	0.6717
drug-15		0.6543	0.0988	0.1579	0.1500	0.8464
drug-16		0.5106	0.1398	0.2375	0.1991	0.6049
drug-17		0.2553	0.2128	0.1687	0.0670	0.8512
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.6277	0.1064	0.1968	0.1165	0.7740
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.7647	0.0784	0.5992	0.6679	0.2181
ecoliCP-IM		0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM		0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU		0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM		0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce		0.2800	0.3600	0.3353	0.0278	0.4457
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.2335	0.0958	0.2085	0.1651	0.7179
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6164	0.1534	0.5957	0.5098	0.4382
euthyroid		0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0610	0.1105	0.1087	0.0225	0.3691
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.8462	0.0769	0.8282	0.7862	0.1757
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.6042	0.2639	0.4310	0.1593	0.6233
gene		0.3155	0.4564	0.4227	0.0856	0.3734
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.7619	0.0794	0.8663	0.6667	0.1930
glass-g2		0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP		0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP		0.3333	0.6667	0.2500	0.0000	0.5000
glassContainers		0.0909	0.9091	0.0833	0.0000	0.2192
glassNW		0.7619	0.2381	0.4324	0.0000	0.3902
glassTableware		0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP		0.0476	0.9524	0.0455	0.0000	0.1250
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.5833	0.4167	0.3684	0.0000	0.5068
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.4000	0.3000	0.4165	0.2012	0.5836
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.5625	0.2917	0.6025	0.2956	0.3320
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.7100	0.1450	0.3211	0.1410	0.6902
heart		0.5926	0.4074	0.3721	0.0000	0.5031
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.2308	0.7692	0.1875	0.0000	0.4238
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.3571	0.1607	0.2518	0.2025	0.2845
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5278	0.3148	0.2346	0.0208	0.4027
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9204	0.0398	0.4942	0.4348	0.3202
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.2222	0.7778	0.1818	0.0000	0.4150
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.3143	0.6857	0.2391	0.0000	0.4897
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect		0.3077	0.2769	0.2411	0.1136	0.2858
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.8023	0.1318	0.7620	0.6804	0.3785
kidney		0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc		0.1079	0.2974	0.2353	0.0125	0.3921
la2s-wc		0.1258	0.2914	0.2431	0.0207	0.3850
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.6471	0.0307	0.6717	0.6298	0.1052
led24		0.3000	0.1400	0.2262	0.2157	0.3345
lenses		0.3333	0.4444	0.3333	0.0000	0.3333
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.6944	0.0407	0.7801	0.6703	0.1277
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.3235	0.6765	0.2444	0.0000	0.4949
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.3396	0.1887	0.3805	0.2251	0.3194
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.5556	0.4444	0.3571	0.0000	0.5164
lymphography		0.8571	0.0952	0.8917	0.7358	0.2703
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.4149	0.5851	0.2932	0.0000	0.5268
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.4688	0.5312	0.3191	0.0000	0.5307
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.7327	0.1782	0.7386	0.5897	0.4797
math		0.4250	0.2875	0.3479	0.1007	0.5327
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.1979	-0.0050	0.8794
messidor		0.4348	0.5652	0.3030	0.0000	0.5294
meter-A		0.3750	0.6250	0.2727	0.0000	0.5170
meter-B		0.8889	0.0741	0.8889	0.8302	0.1290
meter-C		0.7778	0.1111	0.6357	0.6814	0.2207
meter-D		0.7778	0.1111	0.6357	0.6842	0.2346
mfeat-fac		0.1200	0.1760	0.1857	0.0222	0.4002
mfeat-fou		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar		0.1100	0.1780	0.1444	0.0111	0.4037
mfeat-mor		0.7000	0.0600	0.7041	0.6667	0.1871
mfeat-pix		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer		0.5600	0.0880	0.6390	0.5111	0.2347
mice-prot		0.7870	0.0532	0.8494	0.7554	0.1469
milk		0.9717	0.0189	0.9690	0.9568	0.0697
mines		0.5588	0.1765	0.5531	0.4481	0.3739
mobile		0.0210	0.0350	0.0007	0.0000	0.4289
monks-1		0.4909	0.5091	0.3293	0.0000	0.5293

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-2		0.6557	0.3443	0.3960	0.0000	0.4711
monks-3		0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral		0.5000	0.5000	0.3333	0.0000	0.5283
mushroom		0.4822	0.5178	0.3253	0.0000	0.5301
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.5000	0.1667	0.4545	0.4000	0.1855
nci9		0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%		0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		0.1429	0.8571	0.1250	0.0000	0.3113
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		0.8414	0.1586	0.4569	0.0000	0.3047
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4722	0.3519	0.3882	0.1117	0.7881
nursery		0.3333	0.3333	0.1250	0.0000	0.3449
obesity		0.8436	0.0447	0.8354	0.8174	0.1760
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation		0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9298	0.0156	0.9215	0.9118	0.0396
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.3274	0.1345	0.4959	0.2597	0.3183
optdigitsZ		0.0890	0.9110	0.0817	0.0000	0.2153
orl		0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9762	0.0095	0.8491	0.8599	0.1540
parkinson		0.4083	0.5917	0.2899	0.0000	0.5256
parkinsons		0.3791	0.6209	0.2749	0.0000	0.5184

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
parkinsons-small			0.7368	0.2632	0.4242	0.0000	0.4125
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.2808	0.7192	0.2192	0.0000	0.4675
pasture			0.0000	0.6667	0.0000	-0.4545	0.6061
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			0.8000	0.2000	0.4444	0.0000	0.3522
pd			0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.1028	0.1794	0.0186	0.0000	0.4062
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7167	0.2833	0.4175	0.0000	0.4290
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.3947	0.6053	0.2830	0.0000	0.5226
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.5263	0.4737	0.3448	0.0000	0.5239
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.5000	0.5000	0.3333	0.0000	0.5283
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.3030	0.1072	0.2419	0.2364	0.3395
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.5000	0.5000	0.3333	0.0000	0.5283
re0-wc			0.2733	0.1118	0.3470	0.2026	0.3268
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.2271	0.2576	0.0617	0.0000	0.3819
satimageF			0.8911	0.1089	0.4712	0.0000	0.2371
satimageT			0.1011	0.8989	0.0918	0.0000	0.2389
scadi			0.7143	0.1143	0.5143	0.5882	0.1267
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9524	0.0317	0.9553	0.9286	0.0868
segment			0.9437	0.0161	0.9491	0.9342	0.0733
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			0.1472	0.8528	0.1283	0.0000	0.3180
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.5000	0.5000	0.3333	0.0000	0.5283
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming			0.2600	0.3700	0.3167	0.0022	0.5685
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1967	0.3213	0.1811	0.0028	0.5812
solar-flare			0.7410	0.0863	0.6633	0.6689	0.2701
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.8088	0.0201	0.7852	0.7907	0.1007
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.3957	0.6043	0.2835	0.0000	0.5229
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.2115	0.0584	0.1060	0.1479	0.3576
splice-EI			0.2524	0.7476	0.2015	0.0000	0.4443

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
splice-IE			0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles			0.3700	0.6300	0.2701	0.0000	0.5154
squash-stored			0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored			0.4000	0.4000	0.2222	-0.0714	0.4316
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.0821	0.9179	0.0758	0.0000	0.2013
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.9824	0.0117	0.9824	0.9736	0.0530
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.5400	0.1840	0.3640	0.2718	0.5380
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.2600	0.2960	0.2077	-0.0593	0.8394
student-weekend			0.3538	0.2585	0.2440	0.0448	0.6469
student-workday			0.6875	0.1250	0.3129	0.1392	0.3427
studentap			0.3077	0.4615	0.2230	-0.1250	0.6405
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.4000	0.4000	0.4727	0.1000	0.6236
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.3227	0.6773	0.2440	0.0000	0.4945
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.0732	0.2060	0.1181	0.0189	0.3683
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.2381	0.2540	0.1923	0.0455	0.3294
trec31-wc			0.3871	0.2043	0.1981	0.0194	0.3287
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.3000	0.3500	0.3921	0.0667	0.3906
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7262	0.1369	0.6678	0.6285	0.2618
vehicleVAN			0.2500	0.7500	0.2000	0.0000	0.4422
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.4884	0.5116	0.3281	0.0000	0.5296
vowel			0.5859	0.0753	0.6181	0.5444	0.2442
vowelZ			0.0909	0.9091	0.0833	0.0000	0.2192
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.9231	0.0140	0.9194	0.9127	0.0982
web-phishing			0.8889	0.0741	0.8159	0.8000	0.3512
Weekly			0.4444	0.5556	0.3077	0.0000	0.5302
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.9950	0.0025	0.9950	0.9933	0.0128
wilt			0.0497	0.9503	0.0473	0.0000	0.1299
wine			0.8824	0.0784	0.9106	0.8068	0.1912
winequality-red			0.6667	0.1111	0.3344	0.4649	0.4164
winequality-white			0.6442	0.1017	0.3930	0.4684	0.4468
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.3684	0.6316	0.2692	0.0000	0.5148
yale			0.0625	0.1250	0.0078	0.0000	0.4106
yeast			0.6149	0.0770	0.4271	0.5039	0.4127
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2			0.0473	0.9527	0.0452	0.0000	0.1242
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 245: Detailed results for WildWood

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1727	0.0571	0.0863	0.0835	0.4363
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.9831	0.0169	0.6876	0.0984	0.0586
accident		0.6500	0.3500	0.6573	0.3000	0.8418
ads		0.9665	0.0335	0.9281	0.8455	0.1092
adult		0.8266	0.1734	0.7328	0.3996	0.5430
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red		0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.9998	0.0002	0.5000	0.0000	0.0011
AID373red		0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.9967	0.0033	0.6919	0.1108	0.0155
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.4118	0.0000	0.4416
AID644red		0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.9970	0.0030	0.4992	0.0000	0.0142
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.9990	0.0010	0.4997	0.0000	0.0055
AID746red		0.9940	0.0060	0.4985	0.0000	0.0253
aids		0.9014	0.0986	0.8625	0.6952	0.3154
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.9572	0.0428	0.9565	0.9126	0.2326
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers		0.9163	0.0837	0.9090	0.8089	0.3181
anneal		0.9551	0.0180	0.7611	0.9047	0.1228
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9777	0.0111	0.9413	0.9574	0.0514
anuran-genus		0.9722	0.0070	0.9347	0.9538	0.0467
anuran-species		0.9722	0.0056	0.9370	0.9612	0.0331
anxiety		0.1167	0.1963	0.0395	-0.0070	0.4836
apple-quality		0.8375	0.1625	0.8382	0.6750	0.5832
aps-failure		0.9897	0.0103	0.8332	0.6437	0.2738
arabidopsis		0.9920	0.0080	0.6671	0.0058	0.0320
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia		0.6444	0.0547	0.2847	0.3143	0.2598
auction		0.9755	0.0245	0.9433	0.8799	0.0855
audiology		0.6087	0.0326	0.1809	0.5241	0.1364
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult		1.0000	0.0000	1.0000	1.0000	0.0000
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.6500	0.1167	0.4265	0.5139	0.2098
avila		0.9813	0.0031	0.9707	0.9756	0.0301
babies		0.5000	0.1429	0.1634	0.1998	0.3525
balance		0.9032	0.0645	0.6228	0.8178	0.1771
bank		0.9075	0.0925	0.7167	0.3662	0.4746
banknote		0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8779	0.1221	0.8700	0.7180	0.3857
basehock		0.9849	0.0151	0.9849	0.9698	0.1051
bio		0.9964	0.0036	0.8856	0.7494	0.1025
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8476	0.1524	0.8369	0.6640	0.5381
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.9861	0.0010	0.0705	0.0485	0.0216
bitcoin1%		0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%		0.9773	0.0000	0.0763	0.1533	0.3302
body-perf		0.7246	0.1377	0.7262	0.6328	0.4135
bookings		0.9902	0.0065	0.8050	0.9792	0.0156
brain-tumor		0.5035	0.4965	0.5573	0.0040	0.5458
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma		0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue		0.6364	0.1212	0.5969	0.5600	0.1943
bridges		0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17		0.9174	0.0826	0.6750	0.2076	0.3678
bub12at310k-hg16-17		0.9158	0.0842	0.6639	0.1930	0.3917
bub8at310k-hg16-17		0.9196	0.0804	0.6874	0.2684	0.4162
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7500	0.3846	0.4308
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9310	0.0345	0.8874	0.8569	0.2387
car-insurance		0.8510	0.1490	0.8289	0.6574	0.5937
card		0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography		0.8404	0.0319	0.8020	0.8064	0.1539
cardiotocography-nsp		0.9249	0.0501	0.8670	0.7789	0.2505
cardiovascular		0.7378	0.2622	0.7385	0.4756	0.7645
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.8000	0.1333	0.7258	0.6433	0.4476
cas_N6512_cdk_ECFP2		0.7358	0.2642	0.7366	0.4716	0.7675
cas_N6512_rdkit_ATOMPAIR		0.7231	0.2769	0.7216	0.4431	0.7909
cas_N6512_RDkit_AtomPair_FP		0.7316	0.2684	0.7295	0.4589	0.7788
cas_N6512_rdkit_AVALON		0.7834	0.2166	0.7819	0.5638	0.6960
cas_N6512_RDkit_Avalon_FP		0.8006	0.1994	0.8006	0.6004	0.6622
cas_N6512_rdkit_descriptors		0.7677	0.2323	0.7674	0.5343	0.7208
cas_N6512_rdkit_FEATMORGAN		0.7373	0.2627	0.7351	0.4697	0.7700
cas_N6512_RDkit_Featmorgan_FP		0.7623	0.2377	0.7607	0.5214	0.7317
cas_N6512_RDkit_FP		0.7577	0.2423	0.7556	0.5099	0.7365
cas_N6512_rdkit_LAYERED		0.7754	0.2246	0.7742	0.5483	0.7098
cas_N6512_RDkit_Layered_FP		0.7377	0.2623	0.7354	0.4697	0.7680

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.7819	0.2181	0.7801	0.5583	0.6936
cas_N6512_RDkit_MACCS_FP		0.7899	0.2101	0.7903	0.5794	0.6804
cas_N6512_rdkit_MORGAN		0.7846	0.2154	0.7829	0.5652	0.6924
cas_N6512_RDkit_morgan_FP		0.7653	0.2347	0.7640	0.5280	0.7267
cas_N6512_rdkit_PATTERN		0.7708	0.2292	0.7705	0.5405	0.7156
cas_N6512_RDkit_pattern_FP		0.7561	0.2439	0.7555	0.5107	0.7404
cas_N6512_rdkit_RDKITFP		0.7665	0.2335	0.7646	0.5275	0.7204
cas_N6512_rdkit_TORSION		0.7400	0.2600	0.7396	0.4788	0.7645
ccds		0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%		0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes		0.8489	0.1007	0.4192	0.1311	0.2683
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7979	0.2021	0.7733	0.5435	0.6820
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9510	0.0490	0.7487	0.4092	0.3134
census10%		0.9747	0.0460	0.7407	0.4168	0.3673
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9262	0.0369	0.6988	0.8891	0.1188
chrom19		0.9991	0.0009	0.6769	0.1467	0.1046
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9990	0.0010	0.6908	0.1052	0.0055
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.8500	0.1500	0.7386	0.4402	0.5809
churn-bigml		0.9176	0.0824	0.8200	0.5689	0.2044
ci900367j_MACCS		0.6632	0.3368	0.6391	0.1456	0.6008
circles		0.9790	0.0004	0.9802	0.9788	0.0107
cirrhosis		0.7619	0.1587	0.5134	0.5024	0.3368
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		1.0000	0.0000	1.0000	1.0000	0.0000
clave		0.7731	0.1134	0.5240	0.6272	0.2989
climate		0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111		0.5833	0.2778	0.6369	0.3023	0.4186
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.5646	0.2902	0.5420	0.3156	0.6778
cnae-9		0.9537	0.0103	0.9570	0.9479	0.0479
codon_usage		0.8657	0.0244	0.6653	0.8347	0.1292
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		0.7200	0.0373	0.6093	0.6857	0.1297
colon-tumor		0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.6897	0.3103	0.7119	0.2810	0.4723
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.8710	0.1290	0.8486	0.6884	0.4958
column-3c		0.7742	0.1505	0.7022	0.6246	0.3023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.5171	0.4829	0.3409	0.0000	0.5257
connect-4		0.9830	0.0113	0.6411	0.3967	0.0342
cottonmeloidogyne		0.7476	0.2524	0.7507	0.4959	0.7379
coupon		0.7374	0.2626	0.7296	0.4510	0.7558
covid19		0.5518	0.1280	0.2169	0.1970	0.3508
covtype		0.8527	0.0421	0.7740	0.7587	0.2225
covtype10%		0.7776	0.0635	0.6466	0.6326	0.2942
covtypeCD		0.9791	0.0209	0.9547	0.9076	0.1498
covtypeT		0.9701	0.0299	0.8739	0.7330	0.2606
crabs		0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans		0.9995	0.0005	0.9233	0.8407	0.1267
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9235	0.0255	0.7116	0.8351	0.1399
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.4375	0.0281	0.3000	0.4211	0.0799
customer-churn		0.9834	0.0166	0.7456	0.4501	0.3780
cybersecurity		0.1600	0.2800	0.0786	-0.0202	0.5309
cyclopentane		0.5926	0.4074	0.6422	0.0917	0.5093
cylinder-bands		0.6852	0.3148	0.6940	0.2971	0.6308
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.1022	0.1796	0.0185	0.0000	0.4069
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.8267	0.1733	0.7148	0.3961	0.6381
defect		0.9599	0.0401	0.9228	0.8372	0.1899
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8960	0.1040	0.6807	0.2604	0.4632
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5333	0.4074	0.2614
dexter		0.9500	0.0500	0.9523	0.9000	0.2092
df_final		0.6875	0.2083	0.5590	0.5000	0.2664
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k		0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk		0.9200	0.0800	0.8723	0.7377	0.4004
diabetic		0.5656	0.2896	0.3673	0.0915	0.4518
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5843	0.2870	0.4271	0.1544	0.5492
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.7571	0.0971	0.7577	0.6518	0.3022
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.9972	0.0028	0.4993	0.0000	0.0133
dna1%		0.9972	0.0028	0.4993	0.0000	0.0131
dorothea		0.9217	0.0783	0.7316	0.2867	0.1904
dota2		0.5806	0.4194	0.5768	0.1407	0.9092
dota210%		0.5291	0.4709	0.5624	0.0046	0.5416
drebin		0.9780	0.0220	0.9765	0.9525	0.1280
dropout		0.7562	0.1625	0.6610	0.5807	0.4431
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.5160	0.1383	0.0972	0.0000	0.2906
drug-03		0.6915	0.0881	0.1168	0.0000	0.1931
drug-04		0.5319	0.1337	0.0992	0.0000	0.2876

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4202	0.1657	0.1658	0.2451	0.3929
drug-07		0.4309	0.1626	0.0860	0.0000	0.2460
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0380	0.1327	0.0000	0.1071
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6011	0.1140	0.1550	0.1358	0.3136
drug-14		0.5745	0.1216	0.1788	0.0176	0.2585
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5585	0.1261	0.1625	0.1611	0.3144
drug-17		0.3936	0.1733	0.1428	0.1424	0.4174
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9177	0.0235	0.9287	0.9004	0.1328
ecoli		0.8529	0.0368	0.5380	0.7942	0.1221
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU		0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.5045	0.0619	0.5181	0.4467	0.4940
eeg-eye		0.8692	0.1308	0.8685	0.7327	0.4948
eeg10%		0.3706	0.0787	0.3080	0.2941	0.4847
email_phishing		0.9869	0.0131	0.6703	0.0225	0.0477
eucalyptus		0.6027	0.1589	0.5724	0.4751	0.3569
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq		0.9740	0.0260	0.9741	0.9477	0.1520
exon.vs.intron-freq10%		0.9453	0.0547	0.9462	0.8898	0.2555
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.8792	0.1208	0.8839	0.7543	0.4170
fbis-wc		0.7764	0.0263	0.6421	0.7416	0.1374
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.8310	0.0563	0.5308	0.7193	0.1929
fishcatch		0.9375	0.0208	0.9436	0.9196	0.0414
flags		0.7000	0.0750	0.3847	0.6066	0.1741
fonts10%		0.4160	0.0076	0.0656	0.3587	0.2567
forest		0.9423	0.0288	0.9220	0.9202	0.0504
gas		0.9950	0.0017	0.9950	0.9939	0.0119
gastrointestinal		0.7500	0.1667	0.5623	0.5616	0.2839
gender		0.5916	0.2723	0.4775	0.0769	0.4871
gene		0.9274	0.0484	0.9171	0.8829	0.2063
german		0.6600	0.3400	0.6346	0.0368	0.4706
gestures		0.9033	0.0484	0.9037	0.8710	0.2050
gina		0.9251	0.0749	0.9252	0.8502	0.3539
gisette		0.9614	0.0386	0.9617	0.9229	0.2120
glass		0.7619	0.0794	0.5940	0.6500	0.1604
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9091	0.0909	0.4762	0.0000	0.2092
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7895	0.2105	0.7978	0.5824	0.6422
gli_85		0.7500	0.2500	0.4286	0.0000	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8690	0.1310	0.8707	0.7360	0.5042
green		0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage		0.3333	0.3333	0.2098	0.0506	0.5199
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.9442	0.0093	0.8527	0.9340	0.0589
har		0.9939	0.0024	0.9934	0.9923	0.0162
har70		0.9318	0.0195	0.6979	0.8981	0.0922
har701%		0.9168	0.0238	0.5390	0.8767	0.1068
har7010%		0.9274	0.0207	0.6085	0.8916	0.0932
harth		0.8939	0.0177	0.6776	0.8550	0.1596
harth1%		0.8655	0.0224	0.5038	0.8153	0.1424
harth10%		0.8623	0.0253	0.4909	0.8037	0.2062
hayes-roth		0.8750	0.0833	0.9107	0.8049	0.1629
hcc-survival		0.5882	0.4118	0.3704	0.0000	0.5049
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure		0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%		0.8524	0.1476	0.8528	0.7048	0.5525
hepmass10%		0.8588	0.1412	0.8597	0.7178	0.5338
hERG-121inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%		0.6764	0.3236	0.6740	0.3463	0.8482
higgs1%		0.7011	0.2989	0.6992	0.3979	0.8197
higgs10%		0.7276	0.2724	0.7263	0.4525	0.7840
higher		0.2857	0.1786	0.1690	0.0968	0.3480
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8634	0.1366	0.7171	0.3220	0.4307
hiva		0.9645	0.0355	0.4910	0.0000	0.1045
horse		0.5833	0.2778	0.4481	0.1401	0.3449
hotel-reservartions		0.8931	0.1069	0.8765	0.7505	0.4587
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.9999	0.0001	0.9999	0.9999	0.0006
ht-sensor10%		0.9992	0.0005	0.9993	0.9989	0.0043
htru2		0.9771	0.0229	0.9286	0.8557	0.2417
hypothyroid		0.9894	0.0053	0.7333	0.9384	0.0999
hypothyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.7778	0.2222	0.4375	0.0000	0.3750
instagram		0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		0.9333	0.0444	0.9333	0.8993	0.1057
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.8832	0.0090	0.8889	0.8785	0.0939
jm1		0.8145	0.1855	0.6278	0.0977	0.4699
jvowels		0.9548	0.0100	0.9508	0.9488	0.0680
kc1		0.8720	0.1280	0.7239	0.2727	0.2697
kc1-class-level-defectiveornot		0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect		0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8077	0.1923	0.7118	0.4235	0.7319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kdc-4007		0.7781	0.0555	0.6844	0.7409	0.3018
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.9997	0.0000	0.6996	0.9994	0.0039
kddcup991%		0.9978	0.0003	0.7422	0.9962	0.0024
kddcup9910%		0.9992	0.0001	0.6165	0.9987	0.0021
kepler		0.8787	0.0809	0.8351	0.7995	0.2170
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		1.0000	0.0000	1.0000	1.0000	0.0000
krkopt		0.6050	0.0439	0.5415	0.5553	0.3605
krvskp		0.9843	0.0157	0.9844	0.9686	0.1069
la1s-wc		0.8159	0.0614	0.7881	0.7619	0.2032
la2s-wc		0.8344	0.0552	0.8191	0.7858	0.1855
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.5294	0.0235	0.2967	0.5112	0.0783
led24		0.7000	0.0600	0.6445	0.6571	0.1525
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.9295	0.0054	0.9301	0.9266	0.0810
leukemia		1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2		0.8571	0.1429	0.8654	0.6957	0.3522
libra		0.7778	0.0296	0.7883	0.7618	0.0900
linkage		1.0000	0.0000	0.9990	0.9981	0.0001
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.9905	0.0001	1.0000	1.0000	0.0211
liver		0.7059	0.2941	0.6230	0.1707	0.7028
loan		0.9836	0.0164	0.9826	0.9649	0.0987
localization		0.7059	0.0535	0.4508	0.6159	0.2884
localization10%		0.6208	0.0690	0.3244	0.4953	0.3262
lrs		0.8491	0.0302	0.4456	0.7886	0.0945
lung		0.8571	0.0571	0.6724	0.6769	0.1268
lung_discrete		0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario		1.0000	0.0000	1.0000	1.0000	0.0000
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2		0.7778	0.0494	0.4018	0.6842	0.0783
machine-failure		0.9255	0.0745	0.9251	0.8483	0.3553
madelon		0.7269	0.2731	0.7270	0.4538	0.7841
magic04		0.8711	0.1289	0.8562	0.7073	0.5024
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8542	0.1458	0.8543	0.7080	0.5499
marketing		0.8750	0.1250	0.7130	0.2334	0.2644
maternal		0.7327	0.1782	0.7354	0.5928	0.4996
math		0.7500	0.1250	0.4164	0.5807	0.2112
mba		0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0878	-0.0127	0.4812
messidor		0.6609	0.3391	0.6790	0.3390	0.8092
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.9550	0.0090	0.9556	0.9500	0.0544
mfeat-fou		0.7900	0.0420	0.7890	0.7667	0.1655

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
mfeat-kar			0.9800	0.0040	0.9807	0.9778	0.0250
mfeat-mor			0.6850	0.0630	0.6851	0.6500	0.2130
mfeat-pix			0.9650	0.0070	0.9658	0.9611	0.0414
mfeat-zer			0.7400	0.0520	0.7433	0.7111	0.1694
mice-prot			1.0000	0.0000	1.0000	1.0000	0.0000
milk			1.0000	0.0000	1.0000	1.0000	0.0000
mines			0.5588	0.1765	0.5335	0.4469	0.4111
mobile			0.9056	0.0034	0.9103	0.9039	0.0430
monks-1			1.0000	0.0000	1.0000	1.0000	0.0000
monks-2			0.7049	0.2951	0.6817	0.1794	0.4490
monks-3			0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral			1.0000	0.0000	1.0000	1.0000	0.0000
mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
music			0.5206	0.0872	0.5408	0.4129	0.4756
musk			0.9515	0.0485	0.9030	0.7891	0.1837
MUT_ci300400a_cdk_ECFP2			0.7854	0.2146	0.7786	0.5570	0.6972
MUT_ci300400a_cdk_ECFP4			0.8024	0.1976	0.7958	0.5913	0.6655
MUT_ci300400a_cdk_ECFP6			0.7701	0.2299	0.7609	0.5177	0.7140
MUT_ci300400a_cdk_ESTATE			0.7374	0.2626	0.7264	0.4495	0.7698
MUT_ci300400a_cdk_EXTENDED			0.8201	0.1799	0.8145	0.6290	0.6310
MUT_ci300400a_cdk_FCFP2			0.7725	0.2275	0.7632	0.5189	0.7012
MUT_ci300400a_cdk_FCFP4			0.7710	0.2290	0.7629	0.5250	0.7210
MUT_ci300400a_cdk_FCFP6			0.7830	0.2170	0.7751	0.5491	0.6992
MUT_ci300400a_cdk_MACCS			0.7998	0.2002	0.7924	0.5833	0.6668
MUT_ci300400a_cdk_PUBCHEM			0.8240	0.1760	0.8179	0.6350	0.6210
MUT_ci300400a_cdk_STANDARD			0.8072	0.1928	0.8000	0.5976	0.6500
MUT_ci300400a_rdkit_descriptors			0.8208	0.1792	0.8172	0.6343	0.6288
myocardial			0.8706	0.0324	0.2747	0.2901	0.1087
naticusdroid			0.9690	0.0310	0.9690	0.9379	0.1864
NCI60			0.8333	0.0556	0.7895	0.8000	0.0530
nci9			0.5000	0.1111	0.2917	0.4194	0.1042
ncRNA			0.9467	0.0056	0.7480	0.8526	0.2400
ncRNA1%			0.9022	0.0103	0.4220	0.7086	0.1972
ncRNA10%			0.9033	0.0094	0.5315	0.7368	0.4370
neo			0.9134	0.0866	0.6854	0.2261	0.3586
new-thyroid			0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT			0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc			0.7637	0.0107	0.7545	0.7547	0.1326
newspop			0.6635	0.3365	0.6608	0.3163	0.8557
NHANES_age_prediction			1.0000	0.0000	1.0000	1.0000	0.0000
nomao			0.9611	0.0389	0.9520	0.9039	0.2399
NPHA-doctor-visits			0.5278	0.3148	0.2303	0.0000	0.3630
nursery			0.9591	0.0164	0.7083	0.9397	0.0566
obesity			0.8957	0.0298	0.8955	0.8782	0.1272
obs			1.0000	0.0000	1.0000	1.0000	0.0000
occupancy			0.9932	0.0068	0.9905	0.9809	0.0835
Occupancy_Estimation			0.9911	0.0044	0.9682	0.9729	0.0175
oh0-wc			0.9010	0.0198	0.9013	0.8862	0.0898
oh10-wc			0.7714	0.0457	0.7218	0.7376	0.1862
oh15-wc			0.8696	0.0261	0.8817	0.8510	0.1051
oh5-wc			0.8681	0.0264	0.8870	0.8503	0.1177
ohscal-wc			0.7724	0.0455	0.7553	0.7447	0.2836
olive			0.9298	0.0156	0.9174	0.9123	0.0441
opn310k			0.9155	0.0845	0.6639	0.1643	0.3451
opn310k10%			0.9142	0.0858	0.6706	0.0573	0.2012
opnat310k-hg16-17			0.9178	0.0822	0.6829	0.1908	0.3066
optdigits			0.9555	0.0089	0.9587	0.9505	0.0591
optdigitsZ			0.9964	0.0036	0.9889	0.9776	0.0175

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
orl		0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8196	0.1804	0.7925	0.5747	0.6205
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8968	0.1032	0.9014	0.7947	0.4011
p53-mutants		0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9762	0.0095	0.8107	0.8625	0.3031
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.8815	0.1185	0.8731	0.7452	0.4885
parkinsons-small		0.9474	0.0526	0.9321	0.8550	0.1675
particle		0.9269	0.0731	0.9088	0.8175	0.3857
particle10%		0.9023	0.0977	0.8774	0.7542	0.4638
pasture		0.7500	0.1667	0.6061	0.5556	0.1741
pc1		0.9279	0.0721	0.4813	0.0000	0.1773
pcmac		0.5825	0.4175	0.3681	0.0000	0.5072
pcos		1.0000	0.0000	1.0000	1.0000	0.0000
pd		0.8553	0.1447	0.8015	0.5217	0.3086
pediatric-leukemia		0.7647	0.0672	0.6143	0.7056	0.1787
pendigits		0.9854	0.0029	0.9856	0.9838	0.0236
period		0.6667	0.3333	0.4000	0.0000	0.4644
period-10f		0.6667	0.3333	0.4000	0.0000	0.4644
persistency		0.7959	0.2041	0.7776	0.5441	0.6568
personalities		0.9470	0.0066	0.9471	0.9435	0.0897
pet-adoption		0.9400	0.0600	0.9319	0.8600	0.2695
phishing		0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL		1.0000	0.0000	1.0000	0.9999	0.0005
PhiUSIIL10%		1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc		0.9211	0.0226	0.9166	0.9077	0.0855
phone-acc0.1%		0.8139	0.0532	0.8059	0.7821	0.1710
phone-acc1%		0.8834	0.0333	0.8778	0.8636	0.1211
phone-acc10%		0.9097	0.0258	0.9048	0.8945	0.0970
phone-gyr		0.9378	0.0178	0.9331	0.9272	0.0822
phone-gyr0.1%		0.8335	0.0476	0.8276	0.8049	0.1891
phone-gyr1%		0.8979	0.0292	0.8938	0.8805	0.1203
phone-gyr10%		0.9277	0.0207	0.9232	0.9154	0.0924
phoneme		0.8852	0.1148	0.8576	0.7150	0.5180
phy		0.7136	0.2864	0.7136	0.4271	0.8029
pima		0.6974	0.3026	0.6735	0.3063	0.7532
pirvision		0.9922	0.0052	0.9817	0.9751	0.0534
placement		0.7960	0.2040	0.7893	0.5780	0.6759
plant-growth		0.7895	0.2105	0.7978	0.5824	0.6422
plrx		0.7222	0.2778	0.4194	0.0000	0.4246
poker		0.5892	0.0822	0.1183	0.1985	0.1598
poker1%		0.5054	0.1413	0.1552	0.0130	0.2025
poker10%		0.5649	0.1088	0.1454	0.1477	0.2258
polish-1st		0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd		0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd		0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th		0.9490	0.0510	0.6775	0.0704	0.1378
polish-5th		0.9492	0.0508	0.7625	0.4608	0.3502
polya		0.7578	0.2422	0.7265	0.4152	0.6738
popularity		0.6646	0.2236	0.4120	0.1646	0.4208
post-operative		0.6667	0.2222	0.2667	0.0000	0.2322
postures		0.9804	0.0078	0.9802	0.9755	0.0482
pred-tox_mutagen_ref-desc		0.6912	0.3088	0.6919	0.3824	0.8284

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.4242	0.0523	0.1732	0.3435	0.2328
processed			1.0000	0.0000	1.0000	1.0000	0.0000
profb			0.6716	0.3284	0.4018	0.0000	0.4612
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			0.7857	0.2143	0.8028	0.5333	0.4205
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.9937	0.0025	0.9885	0.9915	0.0200
puc-rio10%			0.9885	0.0046	0.9761	0.9846	0.0314
pufs-1281%			0.4960	0.5040	0.4958	-0.0079	0.9851
pufs-12810%			0.4967	0.5033	0.4967	-0.0066	1.0000
pufs-641%			0.4988	0.5012	0.4983	-0.0029	0.9518
pufs-6410%			0.4979	0.5021	0.4976	-0.0044	0.9739
pulsar			0.9824	0.0176	0.9459	0.8895	0.1608
raisin			0.8778	0.1222	0.8801	0.7556	0.4709
rcv11%			0.6426	0.0174	0.2491	0.5780	0.1815
rcv110%			0.7678	0.0093	0.3679	0.7340	0.1484
re0-wc			0.7600	0.0369	0.5059	0.6641	0.1497
re1-wc			0.7470	0.0202	0.4231	0.7001	0.1294
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578			0.7614	0.0073	0.1120	0.6495	0.1344
rice			0.9874	0.0126	0.9872	0.9744	0.0904
rnaseq			1.0000	0.0000	1.0000	1.0000	0.0000
rocket			0.6763	0.3237	0.6550	0.3009	0.8445
RT_IOT2022			0.9971	0.0005	0.9750	0.9927	0.0058
satimage			0.8927	0.0358	0.8764	0.8669	0.1530
satimageF			0.9922	0.0078	0.9801	0.9602	0.1342
satimageT			0.9347	0.0653	0.7921	0.5401	0.3749
scadi			0.7143	0.0816	0.4989	0.6316	0.1395
schiller			0.7778	0.2222	0.4375	0.0000	0.3750
schizo			0.5588	0.4412	0.6461	0.1176	0.5228
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			1.0000	0.0000	1.0000	1.0000	0.0000
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9697	0.0087	0.9739	0.9646	0.0389
segmentation			0.8366	0.1634	0.8225	0.6450	0.6107
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9954	0.0008	0.9954	0.9949	0.0092
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9051	0.0949	0.7996	0.5851	0.5061
shuttle			0.9997	0.0001	0.8162	0.9990	0.0004
sick			0.9682	0.0318	0.8564	0.6843	0.2258
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9996	0.0004	0.9994	0.9989	0.0085

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
skin10%			0.9988	0.0012	0.9981	0.9963	0.0155
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.6842	0.3158	0.6960	0.3523	0.7434
smoking			0.7623	0.2377	0.7542	0.5047	0.7311
soil_pollution			0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare			0.7554	0.0815	0.5943	0.6835	0.1895
sonar			0.5500	0.4500	0.5525	0.1000	0.9473
soybean			0.9706	0.0031	0.9421	0.9676	0.0134
spam-detection			0.9560	0.0440	0.8664	0.7327	0.4370
spambase			0.9304	0.0696	0.9272	0.8526	0.3227
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer			0.4906	0.0212	0.2110	0.4557	0.1449
splice-EI			0.9464	0.0536	0.9282	0.8485	0.2109
splice-IE			0.8896	0.1104	0.8417	0.6396	0.3169
sport-articles			0.8100	0.1900	0.8002	0.5992	0.6575
squash-stored			0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored			0.8000	0.1333	0.5556	0.6154	0.2322
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.8993	0.0672	0.8723	0.8362	0.2321
steel-b			0.8564	0.1436	0.7591	0.4846	0.5572
steel-d			0.9795	0.0205	0.7967	0.4922	0.0689
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.7949	0.2051	0.7662	0.5117	0.6435
steel-p			0.9179	0.0821	0.4786	0.0000	0.1945
steel-s			0.9846	0.0154	0.8971	0.7920	0.3007
steel-z			0.9744	0.0256	0.9236	0.8432	0.2195
stellar			0.9761	0.0159	0.9726	0.9575	0.0938
stock			0.8889	0.1111	0.7920	0.5583	0.4961
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0362
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.6400	0.1440	0.3433	0.3943	0.3847
student-depression			0.8247	0.1753	0.8180	0.6326	0.6104
student-habits			0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.4615	0.3590	0.4331	0.1250	0.3871
susy			0.8006	0.1994	0.7997	0.5939	0.6476
susy1%			0.7886	0.2114	0.7876	0.5690	0.6689
susy10%			0.7985	0.2015	0.7975	0.5895	0.6514
swarm_aligned			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking			1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped			1.0000	0.0000	1.0000	1.0000	0.0000
tae			0.4667	0.3556	0.4953	0.2000	0.6099
telco-churn			0.8892	0.1108	0.8522	0.6963	0.4700
texture			0.9673	0.0060	0.9700	0.9639	0.0422
theorem			0.9984	0.0016	0.9983	0.9966	0.0133
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9789	0.0211	0.9766	0.9521	0.0938
tis			0.8901	0.1099	0.8475	0.6589	0.3396
tis10%			0.7612	0.2388	0.6498	0.0450	0.3925
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.6250	0.1250	0.2411	0.4146	0.1603
tox_171			0.6471	0.1765	0.6873	0.5342	0.2336

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc			0.8293	0.0379	0.5100	0.7842	0.0809
trec12-wc			0.8710	0.0323	0.7811	0.8426	0.0851
trec21-wc			0.6970	0.1010	0.1369	0.0000	0.2028
trec23-wc			0.8095	0.0635	0.4575	0.7083	0.1453
trec31-wc			0.9462	0.0154	0.7728	0.9281	0.0704
trec41-wc			0.8864	0.0227	0.6253	0.8592	0.0981
trec45-wc			0.8841	0.0232	0.8124	0.8630	0.0840
tuandromd			0.9821	0.0179	0.9732	0.9457	0.1915
turkish			0.8000	0.1000	0.7972	0.7333	0.2889
tvnews			0.9349	0.0651	0.9295	0.8580	0.3190
tvnews1%			0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%			0.8936	0.1064	0.8844	0.7667	0.4483
ur3_cobotops_grip			0.9714	0.0286	0.7031	0.2676	0.2532
ur3_cobotops_stop			0.9660	0.0340	0.6946	0.1335	0.1015
urban			0.8358	0.0365	0.8354	0.8068	0.1483
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%			0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%			0.9893	0.0107	0.4973	0.0000	0.0405
vehicle			0.7738	0.1131	0.7337	0.6937	0.2529
vehicleVAN			0.9762	0.0238	0.9683	0.9365	0.1838
voice			0.9167	0.0833	0.9084	0.8000	0.2404
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6566	0.0624	0.6896	0.6222	0.2002
vowelZ			0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17			0.9105	0.0895	0.6631	0.0283	0.2071
wap-wc			0.7115	0.0288	0.4839	0.6709	0.1569
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc			0.9449	0.0158	0.9431	0.9355	0.0755
watch-acc1%			0.8972	0.0294	0.8955	0.8797	0.1310
watch-acc10%			0.9310	0.0197	0.9288	0.9192	0.0881
watch-gyr			0.9376	0.0178	0.9357	0.9271	0.0811
watch-gyr1%			0.8830	0.0334	0.8803	0.8634	0.1439
watch-gyr10%			0.9263	0.0211	0.9241	0.9139	0.0956
water_pollution			0.2600	0.3700	0.1032	0.0000	0.4027
waveform			0.8360	0.1093	0.8363	0.7540	0.3728
weather-related			0.9712	0.0052	0.9722	0.9673	0.0375
web-phishing			0.8370	0.1086	0.6528	0.6991	0.3933
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.9990	0.0004	0.9989	0.9987	0.0032
white-clover			0.5000	0.2500	0.1667	-0.2857	0.3909
wifi-loc			0.9900	0.0050	0.9900	0.9867	0.0257
wilt			0.9834	0.0166	0.9055	0.8011	0.1818
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.5660	0.1447	0.2677	0.2707	0.3565
winequality-white			0.5460	0.1297	0.2297	0.2564	0.3731
winnipeg			0.9951	0.0014	0.9894	0.9938	0.0202
winnipeg10%			0.9899	0.0029	0.9917	0.9872	0.0211
wisc_bc			0.9649	0.0351	0.9643	0.9261	0.2027
yale			0.6875	0.0417	0.6532	0.6667	0.0607
yeast			0.5811	0.0838	0.4132	0.4569	0.3132
yeastCYT-POX			0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC			0.9730	0.0270	0.4932	0.0000	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeastME1			0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2			0.9527	0.0473	0.4879	0.0000	0.1300
zip			0.9312	0.0138	0.9239	0.9229	0.1055

Table 246: Detailed results for WSRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.0072	0.0945	0.0007	0.0000	0.3910
abalone19		0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18		0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer		0.0178	0.9822	0.0175	0.0000	0.0496
accident		0.5000	0.5000	0.3333	0.0000	0.5283
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red		0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered		0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.1429	0.8571	0.1250	0.0000	0.3113
AID439red		0.1429	0.8571	0.1250	0.0000	0.3113
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.3000	0.7000	0.2308	0.0000	0.4809
AID644red		0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red		0.0006	0.9994	0.0006	0.0000	0.0017
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.2222	0.7778	0.1818	0.0000	0.4150
AID721red		0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.6952	0.1219	0.1640	0.0000	0.2187
all-aml		0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers		0.6465	0.3535	0.3927	0.0000	0.4765
anneal		0.0112	0.3955	0.0044	0.0000	0.2787
antivirus		0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b		0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family		0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus		0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species		0.0944	0.1811	0.0173	0.0000	0.3111
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis		0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%		0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.0444	0.1911	0.0085	0.0000	0.3012
auction		0.8725	0.1275	0.4660	0.0000	0.2639
audiology		0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk		0.3974	0.6026	0.2844	0.0000	0.5233
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		0.5172	0.4828	0.3409	0.0000	0.5257
autos		0.3000	0.2800	0.0923	0.0000	0.3703
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.4839	0.3441	0.2174	0.0000	0.3289
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.5547	0.4453	0.3568	0.0000	0.5166
bankruptcy		0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria		0.6382	0.3618	0.3896	0.0000	0.4812
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9911	0.0089	0.4978	0.0000	0.0350
biodeg		0.6190	0.3810	0.3824	0.0000	0.4912
biomed		0.3810	0.6190	0.2759	0.0000	0.5189
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co		0.5455	0.4545	0.3529	0.0000	0.5193
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.2727	0.2424	0.0714	0.0000	0.3750
bridges		0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		0.7000	0.3000	0.4118	0.0000	0.4416
caesarian		0.3750	0.6250	0.2727	0.0000	0.5170
cancer		0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography		0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp		0.1361	0.5759	0.0799	0.0000	0.2637
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		0.3173	0.4552	0.1606	0.0000	0.4186
cars		0.6250	0.2500	0.2564	0.0000	0.3255
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds		0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%		0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.9361	0.0639	0.4835	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B		0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S		0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%		0.9989	0.0011	0.4997	0.0000	0.0058
chrom21		0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%		0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis		0.3810	0.4127	0.1839	0.0000	0.3169
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.1648	0.4176	0.0707	0.0000	0.3577
climate		0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		0.0486	0.0951	0.0046	0.0000	0.4166
college		0.7273	0.2727	0.4211	0.0000	0.4205
collins		0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor		0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1		0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2		0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3		0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4		0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c		0.7586	0.2414	0.4314	0.0000	0.3932
column-2c		0.6774	0.3226	0.4038	0.0000	0.4574
column-3c		0.1935	0.5376	0.1081	0.0000	0.4148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.4952	0.5048	0.3312	0.0000	0.5289
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT		0.9301	0.0699	0.4819	0.0000	0.1733
crabs		0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced		0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy		0.4444	0.5556	0.3077	0.0000	0.5302
cultivars		0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands		0.4259	0.5741	0.2987	0.0000	0.5284
darwin		0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		0.5200	0.4800	0.3421	0.0000	0.5251
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8322	0.1678	0.4542	0.0000	0.3159
dermatology		0.2973	0.2342	0.0764	0.0000	0.3667
desharnais		0.6250	0.2500	0.2564	0.0000	0.3193
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.3750	0.4167	0.1818	0.0000	0.4053
DIA		0.7500	0.2500	0.4286	0.0000	0.4011
diabetes		0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic		0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		0.5833	0.4167	0.3684	0.0000	0.5068
diamonds		0.2667	0.3667	0.1053	0.0000	0.3871
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome		0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor		0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.3228	0.4515	0.1627	0.0000	0.3888
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.1277	0.2492	0.0323	0.0000	0.3211
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.1223	0.2508	0.0311	0.0000	0.3189

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2181	0.2234	0.0512	0.0000	0.3777
drug-07		0.3617	0.2128	0.0885	0.0000	0.2699
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8511	0.0426	0.1314	0.0000	0.1240
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1596	0.1142	0.0000	0.2921
drug-17		0.1064	0.2553	0.0275	0.0000	0.3792
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM		0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM		0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU		0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM		0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce		0.2600	0.3700	0.1032	0.0000	0.4027
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid		0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.2500	0.2500	0.0667	0.0000	0.3665
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts		0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.2500	0.3750	0.1000	0.0000	0.3924
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		0.5000	0.3333	0.2222	0.0000	0.3718
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.2524	0.4984	0.1343	0.0000	0.4017
german		0.6500	0.3500	0.3939	0.0000	0.4745
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.3810	0.2063	0.0920	0.0000	0.3180
glass-g2		0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP		0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP		0.3333	0.6667	0.2500	0.0000	0.5000
glassContainers		0.0909	0.9091	0.0833	0.0000	0.2192
glassNW		0.7619	0.2381	0.4324	0.0000	0.3902
glassTableware		0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP		0.0476	0.9524	0.0455	0.0000	0.1250
GlaucomaM		0.4737	0.5263	0.3214	0.0000	0.5305

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade		0.5833	0.4167	0.3684	0.0000	0.5068
green		0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage		0.3333	0.3333	0.1250	0.0000	0.3817
gsalc		0.2222	0.2593	0.0606	0.0000	0.3838
haberman		0.7333	0.2667	0.4231	0.0000	0.4155
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.2844	0.2862	0.0886	0.0000	0.3861
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.4375	0.3750	0.2029	0.0000	0.3849
hcc-survival		0.4118	0.5882	0.2917	0.0000	0.5263
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.5926	0.4074	0.3721	0.0000	0.5031
heart-attack		0.5484	0.4516	0.3542	0.0000	0.5185
heart-c		0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis		0.2000	0.8000	0.1667	0.0000	0.3900
hepmass		0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs		0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs		0.2308	0.7692	0.1875	0.0000	0.4238
higgs		0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%		0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann		0.2000	0.8000	0.1667	0.0000	0.3900
hitters		0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa		0.8297	0.1703	0.4535	0.0000	0.3189
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid		0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT		0.9231	0.0769	0.4800	0.0000	0.1858
ilpd		0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy		0.2222	0.7778	0.1818	0.0000	0.4150
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.3143	0.6857	0.2391	0.0000	0.4897
iris		0.4000	0.4000	0.1905	0.0000	0.4035
irish		0.5600	0.4400	0.3590	0.0000	0.5150
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot		0.4000	0.6000	0.2857	0.0000	0.5239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
kc1-class-level-numericdefect		0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF		0.0667	0.9333	0.0625	0.0000	0.1686
kc2		0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98		0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99		0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.0995	0.1001	0.0101	0.0000	0.3511
krvskp		0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.3333	0.6667	0.2500	0.0000	0.5000
leaf		0.0294	0.0844	0.0025	0.0000	0.4116
led24		0.0500	0.2111	0.0106	0.0000	0.4127
lenses		0.3333	0.4444	0.1667	0.0000	0.4167
letter		0.0365	0.0741	0.0027	0.0000	0.4198
leukemia		0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2		0.5714	0.4286	0.3636	0.0000	0.5112
libra		0.0833	0.1222	0.0103	0.0000	0.4070
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.3235	0.6765	0.2444	0.0000	0.4949
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.0943	0.2588	0.0246	0.0000	0.3411
lung		0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete		0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer		0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan		0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario		0.3333	0.6667	0.2500	0.0000	0.5000
lupus		0.5556	0.4444	0.3571	0.0000	0.5164
lymphography		0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2		0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure		0.4149	0.5851	0.2932	0.0000	0.5268
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		0.1892	0.8108	0.1591	0.0000	0.3767
mammography		0.4688	0.5312	0.3191	0.0000	0.5307
marketing		0.1473	0.8527	0.1284	0.0000	0.3182
maternal		0.2673	0.4884	0.1406	0.0000	0.4218
math		0.3750	0.3125	0.1364	0.0000	0.3392
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.2500	0.3750	0.1000	0.0000	0.4042
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.4348	0.5652	0.3030	0.0000	0.5294
meter-A		0.3750	0.6250	0.2727	0.0000	0.5170
meter-B		0.2222	0.5185	0.1212	0.0000	0.4199
meter-C		0.3333	0.3333	0.1250	0.0000	0.3773

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
meter-D			0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac			0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou			0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar			0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor			0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix			0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer			0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot			0.1389	0.2153	0.0305	0.0000	0.4014
milk			0.2358	0.5094	0.1272	0.0000	0.4229
mines			0.1765	0.3294	0.0600	0.0000	0.4046
mobile			0.0210	0.0350	0.0007	0.0000	0.4289
monks-1			0.4909	0.5091	0.3293	0.0000	0.5293
monks-2			0.6557	0.3443	0.3960	0.0000	0.4711
monks-3			0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral			0.5000	0.5000	0.3333	0.0000	0.5283
mushroom			0.4822	0.5178	0.3253	0.0000	0.5301
music			0.0806	0.1672	0.0136	0.0000	0.3712
musk			0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6			0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS			0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD			0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors			0.4261	0.5739	0.2988	0.0000	0.5285
myocardial			0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid			0.4988	0.5012	0.3328	0.0000	0.5285
NCI60			0.1667	0.2778	0.0476	0.0000	0.4024
nci9			0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA			0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%			0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%			0.7777	0.0234	0.0461	0.0000	0.1370
neo			0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid			0.7143	0.1905	0.2778	0.0000	0.2774
new-thyroidT			0.1429	0.8571	0.1250	0.0000	0.3113
new3s-wc			0.0095	0.0450	0.0004	0.0000	0.4165
newspop			0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction			0.8414	0.1586	0.4569	0.0000	0.3047
nomao			0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits			0.2917	0.4722	0.1505	0.0000	0.3860
nursery			0.3333	0.3333	0.1250	0.0000	0.3449
obesity			0.1374	0.2464	0.0345	0.0000	0.4038
obs			0.4630	0.2685	0.1582	0.0000	0.3435
occupancy			0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation			0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc			0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc			0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc			0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc			0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc			0.1039	0.1792	0.0188	0.0000	0.4018
olive			0.0526	0.2105	0.0111	0.0000	0.3790
opn310k			0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%			0.9113	0.0887	0.4768	0.0000	0.2055

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
opnat310k-hg16-17			0.9090	0.0910	0.4762	0.0000	0.2093
optdigits			0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ			0.0890	0.9110	0.0817	0.0000	0.2153
orl			0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P			0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer			0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr			0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr			0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP			0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP			0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants			0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%			0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks			0.9031	0.0388	0.1898	0.0000	0.0975
parkinson			0.4083	0.5917	0.2899	0.0000	0.5256
parkinsons			0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small			0.7368	0.2632	0.4242	0.0000	0.4125
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.2808	0.7192	0.2192	0.0000	0.4675
pasture			0.2500	0.5000	0.1333	0.0000	0.4055
pc1			0.9279	0.0721	0.4813	0.0000	0.1773
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			0.8000	0.2000	0.4444	0.0000	0.3522
pd			0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.1028	0.1794	0.0186	0.0000	0.4062
period			0.6667	0.3333	0.4000	0.0000	0.4644
period-10f			0.6667	0.3333	0.4000	0.0000	0.4644
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.6700	0.3300	0.4012	0.0000	0.4623
phishing			0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%			0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.7167	0.2833	0.4175	0.0000	0.4290
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.3947	0.6053	0.2830	0.0000	0.5226
pirvision			0.8165	0.1224	0.2997	0.0000	0.2067
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.5263	0.4737	0.3448	0.0000	0.5239
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd			0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd			0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th			0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th			0.9306	0.0694	0.4820	0.0000	0.1724
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
post-operative			0.3333	0.6667	0.2500	0.0000	0.5000
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.5000	0.5000	0.3333	0.0000	0.5283
prestige			0.3333	0.4444	0.1667	0.0000	0.4024
primary-tumor			0.1818	0.1259	0.0237	0.0000	0.3708
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.3284	0.6716	0.2472	0.0000	0.4975
promoters			0.6000	0.4000	0.3750	0.0000	0.5000
prostate			0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE			0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128			0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.5000	0.5000	0.3333	0.0000	0.5283
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%			0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			0.0352	0.9648	0.0340	0.0000	0.0946
relathe			0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578			0.4470	0.0230	0.0129	0.0000	0.2191
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.2271	0.2576	0.0617	0.0000	0.3819
satimageF			0.8911	0.1089	0.4712	0.0000	0.2371
satimageT			0.1011	0.8989	0.0918	0.0000	0.2389
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.2222	0.7778	0.1818	0.0000	0.4150
schizo			0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis			0.4444	0.5556	0.3077	0.0000	0.5302
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.3333	0.4444	0.1667	0.0000	0.4167
segment			0.1472	0.2437	0.0367	0.0000	0.4017
segmentation			0.6436	0.3564	0.3916	0.0000	0.4782
segmentO			0.1472	0.8528	0.1283	0.0000	0.3180
seismic			0.9341	0.0659	0.4830	0.0000	0.1661
semeion			0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.8459	0.1541	0.4583	0.0000	0.2991
shuttle			0.7859	0.0612	0.1257	0.0000	0.1287

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sick			0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6			0.5000	0.5000	0.3333	0.0000	0.5283
skin			0.7923	0.2077	0.4421	0.0000	0.3603
skin10%			0.7921	0.2079	0.4420	0.0000	0.3605
smarket			0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming			0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.2878	0.2374	0.0745	0.0000	0.3586
sonar			0.5000	0.5000	0.3333	0.0000	0.5283
soybean			0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.3957	0.6043	0.2835	0.0000	0.5229
spect			0.7778	0.2222	0.4375	0.0000	0.3750
spectf			0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer			0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI			0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE			0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles			0.3700	0.6300	0.2701	0.0000	0.5154
squash-stored			0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored			0.4000	0.6000	0.2857	0.0000	0.5239
startup			0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.7897	0.2103	0.4413	0.0000	0.3630
steel-d			0.9692	0.0308	0.4922	0.0000	0.0938
steel-k			0.7949	0.2051	0.4429	0.0000	0.3576
steel-o			0.6513	0.3487	0.3944	0.0000	0.4738
steel-p			0.0821	0.9179	0.0758	0.0000	0.2013
steel-s			0.9590	0.0410	0.4895	0.0000	0.1168
steel-z			0.9026	0.0974	0.4744	0.0000	0.2196
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8194	0.1806	0.4504	0.0000	0.3308
stockb			0.3348	0.4435	0.1672	0.0000	0.4165
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend			0.3846	0.2462	0.1111	0.0000	0.3498
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.3846	0.4103	0.1852	0.0000	0.4010
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.5420	0.4580	0.3515	0.0000	0.5202
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.0927	0.1650	0.0154	0.0000	0.4063
theorem			0.5827	0.4173	0.3681	0.0000	0.5071
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe			0.6632	0.3368	0.3987	0.0000	0.4666
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
titanic			0.3227	0.6773	0.2440	0.0000	0.4945
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.2941	0.3529	0.1136	0.0000	0.3969
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.6471	0.3529	0.3929	0.0000	0.4762
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.7982	0.2018	0.4439	0.0000	0.3541
turkish			0.2500	0.3750	0.1000	0.0000	0.4042
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop			0.9633	0.0367	0.4906	0.0000	0.1074
urban			0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago			0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%			0.0107	0.9893	0.0106	0.0000	0.0301
vehicle			0.2500	0.3750	0.1000	0.0000	0.3964
vehicleVAN			0.2500	0.7500	0.2000	0.0000	0.4422
voice			0.3333	0.6667	0.2500	0.0000	0.5000
vote			0.4884	0.5116	0.3281	0.0000	0.5296
vowel			0.0909	0.1653	0.0152	0.0000	0.4085
vowelZ			0.0909	0.9091	0.0833	0.0000	0.2192
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p			0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.3340	0.4440	0.1669	0.0000	0.4165
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.0741	0.6173	0.0460	0.0000	0.3984
Weekly			0.4444	0.5556	0.3077	0.0000	0.5302
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc			0.2500	0.3750	0.1000	0.0000	0.4042
wilt			0.0497	0.9503	0.0473	0.0000	0.1299
wine			0.2353	0.5098	0.1270	0.0000	0.3739
winequality-red			0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white			0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			0.3684	0.6316	0.2692	0.0000	0.5148
yale			0.0625	0.1250	0.0078	0.0000	0.4106

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
yeast			0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX			0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1			0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2			0.0473	0.9527	0.0452	0.0000	0.1242
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 247: Detailed results for WSRFOREST

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1687	0.0792	0.1268	0.0874	0.5929
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer		0.9850	0.0150	0.7214	0.3460	0.2774
accident		0.6000	0.4000	0.6000	0.2000	0.9288
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8000	0.2000	0.5220	0.0256	0.7084
AID_602330		0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red		0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9417	0.0583	0.4850	0.0000	0.1518
AID362red		0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9970	0.0030	0.4992	0.0000	0.0141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.6500	0.3500	0.5157	0.0278	0.9068
AID644red		0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.8873	0.1127	0.8401	0.6734	0.4986
air_pollution		0.4067	0.1695	0.0826	0.0000	0.3390
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.8286	0.0686	0.5370	0.5724	0.1726
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9535	0.0465	0.9489	0.8970	0.2464
anneal		0.9775	0.0090	0.9765	0.9538	0.0937
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9805	0.0097	0.9453	0.9627	0.0473
anuran-genus		0.9819	0.0045	0.9492	0.9702	0.0598
anuran-species		0.9806	0.0039	0.9553	0.9729	0.0260
anxiety		0.0917	0.2019	0.0867	-0.0234	0.7844
apple-quality		0.8875	0.1125	0.8881	0.7750	0.4614
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%		0.9920	0.0080	0.4980	0.0000	0.0321
arcene		0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia		0.8000	0.0400	0.7018	0.6806	0.2471

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9951	0.0049	0.9889	0.9776	0.0238
audiology		0.9091	0.0165	0.8590	0.8942	0.0424
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9000	0.0400	0.9064	0.8667	0.0861
avila		0.9971	0.0005	0.9938	0.9963	0.0094
babies		0.4274	0.1636	0.1988	0.1153	0.5356
balance		0.9032	0.0645	0.6287	0.8199	0.2332
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.8940	0.1060	0.8868	0.7578	0.3593
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8857	0.1143	0.8780	0.7553	0.4788
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.9856	0.0041	0.1418	-0.0004	0.1106
bitcoin10%		0.0032	0.1812	0.0006	0.0000	0.0166
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.6364	0.1212	0.6620	0.5686	0.1945
bridges		0.9000	0.0333	0.7895	0.8571	0.0318
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.7500	0.2500	0.7333	0.4667	0.7630
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4850	0.3433	0.3224	0.0112	0.5382
car		0.9655	0.0172	0.9634	0.9282	0.1593
car-insurance		0.8490	0.1510	0.8231	0.6461	0.5968
card		0.8696	0.1304	0.8695	0.7361	0.5115
cardiotocography		0.8873	0.0225	0.8870	0.8649	0.1346
cardiotocography-nsp		0.9624	0.0250	0.9213	0.8942	0.1349
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.9000	0.0667	0.8471	0.8178	0.2204
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.8003	0.1997	0.7988	0.5976	0.6649
cas_N6512_RDkit_MACCS_FP		0.8144	0.1856	0.8156	0.6290	0.6309

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9542	0.0458	0.6647	0.1532	0.2651
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census		0.0639	0.9361	0.0600	0.0000	0.1624
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H		0.9884	0.0116	0.9446	0.8828	0.3522
cervical-S		0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia		0.9422	0.0289	0.9393	0.9138	0.1392
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%		0.9993	0.0007	0.8332	0.6663	0.4330
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9337	0.0663	0.7225	0.2510	0.1683
churn		0.8530	0.1470	0.7508	0.4865	0.6200
churn-bigml		0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS		0.7053	0.2947	0.6729	0.3303	0.8030
circles		0.9890	0.0002	0.9897	0.9889	0.0052
cirrhosis		0.8095	0.1270	0.5475	0.6093	0.3049
cjs		1.0000	0.0000	1.0000	1.0000	0.0000
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8167	0.0917	0.6750	0.7116	0.3621
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.6667	0.2222	0.7222	0.4545	0.3878
cm1		0.8800	0.1200	0.4681	-0.0345	0.6560
cmc		0.5714	0.2857	0.5478	0.3206	0.6760
cnae-9		0.9537	0.0103	0.9550	0.9479	0.0519
codon_usage		0.9117	0.0160	0.7522	0.8920	0.1050
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9351	0.0649	0.9172	0.8338	0.3516
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.6552	0.3448	0.6009	0.1989	0.8928
colposcopies-2		0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3		0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6		0.6207	0.3793	0.6316	0.2276	0.8192
colposcopies-c		0.8621	0.1379	0.7985	0.5827	0.5556
column-2c		0.8710	0.1290	0.8524	0.7048	0.5414
column-3c		0.7419	0.1720	0.6451	0.5804	0.3096
comedy_comparisons1%		0.4829	0.5171	0.3256	0.0000	0.5300
comedy_comparisons10%		0.4827	0.5173	0.3256	0.0000	0.5300
connect-4		0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne		0.7596	0.2404	0.7635	0.5199	0.7142
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD		0.9925	0.0075	0.9841	0.9683	0.0937
covtypeT		0.9870	0.0130	0.9487	0.8965	0.1854
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced		0.9447	0.0184	0.8395	0.8833	0.1056
cryotherapy		0.6667	0.3333	0.7404	0.3721	0.5112
cultivars		0.6250	0.0187	0.4570	0.6137	0.0554
customer-churn		0.9830	0.0170	0.7419	0.4508	0.4072
cybersecurity		0.1767	0.2744	0.1772	0.0100	0.8604
cyclopentane		0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands		0.8148	0.1852	0.8094	0.6170	0.6347
darwin		0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		1.0000	0.0000	1.0000	1.0000	0.0000
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.9630	0.0370	0.9289	0.8510	0.1820
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8830	0.1170	0.4689	0.0000	0.2491
depressed		0.8392	0.1608	0.6278	0.1151	0.4783
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.6250	0.2500	0.5032	0.3143	0.4486
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.8125	0.1250	0.8268	0.7108	0.3168
DIA		0.8333	0.1667	0.7585	0.4595	0.5191
diabetes		0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih		0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford		0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dna1%		0.0028	0.9972	0.0028	0.0000	0.0079
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.4728	0.5272	0.3210	0.0000	0.5305
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7562	0.1625	0.6562	0.5869	0.4608
drug-01		0.3723	0.1793	0.1607	0.0080	0.5253
drug-02		0.5000	0.1429	0.1740	0.1035	0.5613
drug-03		0.6915	0.1028	0.2193	0.0900	0.3448
drug-04		0.5213	0.1368	0.2312	0.1005	0.6046
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.4043	0.1702	0.2290	0.2482	0.5340
drug-07		0.4202	0.1933	0.1752	0.0423	0.4675
drug-08		0.5691	0.1231	0.2127	0.1648	0.4228
drug-09		0.8670	0.0443	0.1548	0.0000	0.1156
drug-10		0.5372	0.1322	0.1606	0.1107	0.4850

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-11		0.8457	0.0441	0.1309	-0.0065	0.2227
drug-12		0.7926	0.0593	0.1263	0.0000	0.1541
drug-13		0.6064	0.1125	0.2354	0.2044	0.4097
drug-14		0.6117	0.1109	0.3289	0.3056	0.5262
drug-15		0.7553	0.0699	0.1708	0.0513	0.2702
drug-16		0.5585	0.1261	0.2288	0.2456	0.4648
drug-17		0.3564	0.1839	0.1329	0.1116	0.6052
drug-18		0.9947	0.0053	0.4987	0.0000	0.0228
drug-19		0.7606	0.0684	0.1238	0.0007	0.2412
drybean		0.1484	0.2433	0.0369	0.0000	0.3833
ecoli		0.8235	0.0588	0.6893	0.7521	0.1465
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU		0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.3000	0.3500	0.3067	0.0628	0.7984
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.9146	0.0854	0.9140	0.8261	0.3749
eeg10%		0.4619	0.0673	0.4720	0.4004	0.4941
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.7123	0.1151	0.7021	0.6273	0.3014
euthyroid		0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.5269	0.4731	0.3451	0.0000	0.5238
fakenews		0.5600	0.4400	0.5614	0.1174	0.9414
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.9000	0.1000	0.4737	0.0000	0.2236
finance		0.7843	0.2157	0.7956	0.5487	0.5562
financial-risk		0.9305	0.0232	0.8587	0.8901	0.1387
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
forest		0.9231	0.0385	0.9069	0.8937	0.0884
gas		0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal		1.0000	0.0000	1.0000	1.0000	0.0000
gender		0.5853	0.2765	0.4328	0.0955	0.6111
gene		0.9401	0.0400	0.9342	0.9044	0.1705
german		0.7300	0.2700	0.6933	0.3005	0.6209
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.4899	0.5101	0.3288	0.0000	0.5294
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8571	0.0476	0.7902	0.8025	0.1487
glass-g2		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP		1.0000	0.0000	1.0000	1.0000	0.0000
glassBWNFP		0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers		0.9545	0.0455	0.8483	0.6452	0.1307
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP		0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM		0.7895	0.2105	0.7889	0.5778	0.6844
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade		0.8810	0.1190	0.8790	0.7571	0.4898
green		0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage		0.5333	0.2333	0.5884	0.3598	0.4954
gsalc		0.8889	0.0370	0.9167	0.8657	0.0530
haberman		0.6667	0.3333	0.4923	-0.0135	0.9051
hapt		0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har		0.9964	0.0014	0.9960	0.9955	0.0099
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.9252	0.0214	0.5432	0.8886	0.0984
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.8756	0.0207	0.5991	0.8299	0.1909
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival		0.5882	0.4118	0.5845	0.1678	0.9290
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack		0.9032	0.0968	0.9038	0.8058	0.4189
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.9840	0.0160	0.9814	0.9626	0.1065
heart-quantum		0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis		0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.6864	0.3136	0.6874	0.3735	0.8343
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.2143	0.1964	0.1529	0.0494	0.3328
hinselmann		0.7000	0.3000	0.4118	-0.1538	0.8916
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8921	0.1079	0.7859	0.5337	0.4631
hiva		0.0355	0.9645	0.0342	0.0000	0.0954
horse		0.6667	0.2222	0.6461	0.4000	0.5440
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.3287	0.4475	0.1649	0.0000	0.4157
htru2		0.9788	0.0212	0.9342	0.8674	0.2355
hypothyroid		0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
ilpd		0.7119	0.2881	0.6069	0.1995	0.8360
immuno-therapy		0.7778	0.2222	0.6786	0.3571	0.7720
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9143	0.0857	0.9038	0.8059	0.4246
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8246	0.1754	0.6595	0.2584	0.6324
jvowels		0.9729	0.0060	0.9713	0.9693	0.0446
kc1		0.8578	0.1422	0.6854	0.3486	0.6576
kc1-class-level-defectiveornot		0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect		0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF		0.8667	0.1333	0.4643	-0.0714	0.6717
kc2		0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.1968	0.1236	0.0253	0.0000	0.1845
kepler		0.8933	0.0711	0.8554	0.8238	0.2019
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
krkopt		0.8396	0.0178	0.8588	0.8208	0.2022
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		0.8333	0.1667	0.8537	0.6667	0.4644
leaf		0.7059	0.0256	0.6461	0.6901	0.0832
led24		0.6500	0.0700	0.6222	0.6078	0.1637
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9620	0.0029	0.9619	0.9605	0.0451
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		0.8571	0.1429	0.8750	0.7200	0.4011
libra		0.9167	0.0111	0.9332	0.9104	0.0389
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7059	0.2941	0.6640	0.3281	0.8338
loan		0.9883	0.0117	0.9875	0.9750	0.0789
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.6851	0.0573	0.4331	0.5944	0.4016
lrs		0.8302	0.0485	0.6262	0.7636	0.1469
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		0.7500	0.0714	0.6349	0.7037	0.0872
lung-cancer		0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1		0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.8889	0.1111	0.8953	0.7692	0.3145
lymphography		0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2		0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.5000	0.5000	0.3333	0.0000	0.5283
magic04		0.8780	0.1220	0.8641	0.7257	0.4961
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.8229	0.1771	0.8251	0.6468	0.6085
marketing		0.8973	0.1027	0.7645	0.4636	0.4167
maternal		0.7822	0.1452	0.7884	0.6697	0.4361
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.2600	0.2960	0.2672	0.0747	0.8111
messidor		0.6870	0.3130	0.6869	0.3718	0.8313
meter-A		0.7500	0.2500	0.8000	0.5294	0.5000
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac		0.9700	0.0060	0.9708	0.9667	0.0375
mfeat-fou		0.8100	0.0380	0.8083	0.7889	0.1436
mfeat-kar		0.9700	0.0060	0.9712	0.9667	0.0374
mfeat-mor		0.6800	0.0640	0.6877	0.6444	0.2056
mfeat-pix		0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-zer		0.7800	0.0440	0.7777	0.7556	0.1408
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6176	0.1529	0.6004	0.5206	0.3846
mobile		0.9476	0.0019	0.9519	0.9466	0.0232
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		0.9344	0.0656	0.9290	0.8479	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
monks-3		0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.4944	0.0919	0.5295	0.3927	0.5401
musk		0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7818	0.2182	0.7739	0.5468	0.7016
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.8585	0.1415	0.8559	0.7112	0.5460
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.4261	0.5739	0.2988	0.0000	0.5285
myocardial		0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid		0.4988	0.5012	0.3328	0.0000	0.5285
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA1%		0.9175	0.0087	0.5414	0.7674	0.3246
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9168	0.0832	0.7112	0.3815	0.5269
new-thyroid		0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4583	0.3611	0.3082	-0.0075	0.6305
nursery		0.9969	0.0015	0.9976	0.9955	0.0104
obesity		0.9668	0.0095	0.9661	0.9613	0.0518
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9942	0.0058	0.9919	0.9837	0.0754
Occupancy_Estimation		0.9941	0.0030	0.9783	0.9819	0.0134
oh0-wc		0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc		0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9474	0.0117	0.9451	0.9339	0.0357
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9662	0.0068	0.9679	0.9624	0.0494
optdigitsZ		0.9982	0.0018	0.9945	0.9889	0.0098
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr		0.9328	0.0672	0.7031	0.1787	0.1695
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP		0.8810	0.1190	0.8837	0.7626	0.4657
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9835	0.0066	0.9073	0.9066	0.2490
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.9052	0.0948	0.8993	0.7987	0.4298
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle			0.2806	0.7194	0.2191	0.0000	0.4674
particle10%			0.9192	0.0808	0.8996	0.7992	0.4154
pasture			0.7500	0.1667	0.6061	0.5556	0.1741
pc1			0.9189	0.0811	0.5907	0.1483	0.6102
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.8816	0.1184	0.8343	0.6400	0.4189
pediatric-leukemia			0.0588	0.2689	0.0159	0.0000	0.3987
pendigits			0.9918	0.0016	0.9917	0.9909	0.0153
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.6667	0.3333	0.5950	0.1818	0.8798
persistency			0.8222	0.1778	0.8077	0.6133	0.6283
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9450	0.0550	0.9376	0.8722	0.2569
phishing			0.9510	0.0490	0.9485	0.8968	0.2646
PhiUSIIL			0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc			0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%			0.8851	0.0328	0.8783	0.8657	0.1187
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.9153	0.0242	0.9086	0.9010	0.1120
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9185	0.0815	0.8990	0.7978	0.4142
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7044	0.4045	0.7932
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.7960	0.2040	0.7888	0.5720	0.6614
plant-growth			0.7368	0.2632	0.7449	0.4633	0.6993
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.6341	0.1045	0.1858	0.2999	0.2571
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9673	0.0327	0.7250	0.2506	0.0987
polish-2nd			0.9617	0.0383	0.6363	0.1257	0.3066
polish-3rd			0.9457	0.0543	0.4860	-0.0118	0.5026
polish-4th			0.9622	0.0378	0.7760	0.5140	0.3801
polish-5th			0.9611	0.0389	0.8279	0.6163	0.2656
polya			0.3578	0.6422	0.2635	0.0000	0.5109
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.6667	0.3333	0.4000	0.0000	0.4644
postures			0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc			0.7353	0.2647	0.7357	0.4706	0.7701
prestige			0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor			0.5152	0.0746	0.4386	0.4545	0.2442
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.6567	0.3433	0.6064	0.2126	0.8886
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9897	0.0041	0.9806	0.9862	0.0271
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%			0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64			0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%			0.4979	0.5021	0.4959	-0.0048	0.8519
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
pulsar			0.9832	0.0168	0.9485	0.8950	0.1580
raisin			0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc			0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc			0.0181	0.0786	0.0014	0.0000	0.3595
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.7155	0.2845	0.7099	0.4188	0.8008
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9098	0.0301	0.8969	0.8884	0.1385
satimageF			0.8911	0.1089	0.4712	0.0000	0.2371
satimageT			0.9378	0.0622	0.8044	0.5768	0.3875
scadi			0.7143	0.1143	0.6984	0.6316	0.1667
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.4412	0.5588	0.4351	-0.1176	1.0000
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			0.9048	0.0635	0.9077	0.8571	0.1773
segment			0.9524	0.0136	0.9570	0.9443	0.0701
segmentation			0.8564	0.1436	0.8423	0.6841	0.5628
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9302	0.0698	0.4819	-0.0074	0.3980
semeion			0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram			0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.5897	0.0557	0.4398
sens-8-gram			0.8711	0.1289	0.6147	0.0873	0.4343
sens-9-gram			0.8737	0.1263	0.6333	0.1180	0.4289
sensorless			0.0908	0.1653	0.0151	0.0000	0.4085
sepsis			0.9093	0.0907	0.4763	0.0000	0.2087
shoppers			0.9002	0.0998	0.7928	0.5783	0.5474
shuttle			1.0000	0.0000	1.0000	1.0000	0.0000
sick			0.9814	0.0186	0.9205	0.8276	0.0656
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9996	0.0004	0.9994	0.9988	0.0088
skin10%			0.9963	0.0037	0.9944	0.9888	0.0438
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1600	0.4200	0.1442	-0.1290	0.8776
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.8355	0.1645	0.8227	0.6453	0.6098
soil_pollution			0.1833	0.3267	0.1785	-0.0205	0.8472
solar-flare			0.7842	0.0719	0.6407	0.7231	0.1883
sonar			0.7000	0.3000	0.7041	0.4000	0.7994
soybean			1.0000	0.0000	1.0000	1.0000	0.0000
spam-detection			0.9505	0.0495	0.8467	0.6925	0.4592
spambase			0.9522	0.0478	0.9499	0.8994	0.2552
spect			0.7778	0.2222	0.6403	0.2703	0.7789
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer			0.7115	0.0214	0.5756	0.6940	0.0972
splice-EI			0.9779	0.0221	0.9712	0.9422	0.1877
splice-IE			0.9464	0.0536	0.9278	0.8549	0.3500

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
sport-articles			0.8300	0.1700	0.8188	0.6374	0.6209
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			0.4000	0.4000	0.3419	0.0625	0.2379
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.9201	0.0533	0.8983	0.8698	0.1995
steel-b			0.8872	0.1128	0.8173	0.6194	0.4969
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550
steel-k			0.9846	0.0154	0.9763	0.9515	0.0643
steel-o			0.8410	0.1590	0.8212	0.6284	0.5502
steel-p			0.9385	0.0615	0.7734	0.5390	0.5226
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9949	0.0051	0.9853	0.9701	0.0240
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8958	0.1042	0.8069	0.5931	0.4811
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.9960	0.0040	0.9960	0.9919	0.0293
stress			0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle			0.5950	0.1620	0.3403	0.3412	0.5068
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3400	0.2640	0.2459	-0.0412	0.4807
student-weekend			0.4462	0.2215	0.3422	0.1804	0.5150
student-workday			0.7031	0.1187	0.1651	0.0000	0.2066
studentap			0.6154	0.2564	0.6426	0.3868	0.5042
susy			0.5420	0.4580	0.3515	0.0000	0.5202
susy1%			0.4580	0.5420	0.3141	0.0000	0.5307
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.5333	0.3111	0.5191	0.3000	0.5662
telco-churn			0.9034	0.0966	0.8727	0.7428	0.4512
texture			0.9800	0.0036	0.9811	0.9779	0.0287
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.8511	0.1489	0.4598	0.0000	0.2925
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			0.9895	0.0105	0.9883	0.9763	0.0550
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.2463	0.7537	0.1976	0.0000	0.4388
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.7647	0.1176	0.7896	0.6881	0.1835
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.8235	0.1765	0.8020	0.5984	0.6209
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6667	0.3333	0.4416	-0.1023	0.9146
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.8065	0.0484	0.7929	0.7681	0.1406
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc			0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc			0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc			0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd			0.9798	0.0202	0.9686	0.9371	0.1727
turkish			0.7750	0.1125	0.7675	0.7000	0.2451
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9231	0.0769	0.9169	0.8320	0.3521
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
ur3_cobotops_grip			0.9769	0.0231	0.7773	0.4755	0.2251
ur3_cobotops_stop			0.9769	0.0231	0.8099	0.5935	0.3335
urban			0.8507	0.0332	0.8665	0.8252	0.1329
urinalysis			0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7381	0.1310	0.6975	0.6483	0.2051
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			0.8333	0.1667	0.8125	0.6250	0.6250
vote			0.9302	0.0698	0.9307	0.8605	0.3321
vowel			0.6970	0.0551	0.7106	0.6667	0.2074
vowelZ			0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.9811	0.0054	0.9808	0.9779	0.0388
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.9850	0.0043	0.9847	0.9825	0.0313
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8400	0.1067	0.8404	0.7600	0.3683
weather-related			0.9788	0.0038	0.9794	0.9760	0.0292
web-phishing			0.8593	0.0938	0.7874	0.7485	0.4025
Weekly			1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc			0.9850	0.0075	0.9850	0.9800	0.0346
wilt			0.9855	0.0145	0.9249	0.8495	0.3221
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.7358	0.0881	0.3600	0.5688	0.2996
winequality-white			0.6769	0.0923	0.3720	0.4954	0.3580
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.7500	0.0333	0.7318	0.7322	0.0613
yeast			0.6014	0.0797	0.4173	0.4840	0.3304
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2			0.9595	0.0405	0.7170	0.3825	0.4343
zip			0.0882	0.1824	0.0162	0.0000	0.4045

Table 248: Detailed results for 1-NN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1247	0.0604	0.0720	0.0500	0.6620
abalone19	0.9856	0.0144	0.4964	-0.0072	0.5293
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9744	0.0256	0.6462	0.2920	0.5762
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9543	0.0457	0.9061	0.8121	0.3831
adult	0.8051	0.1949	0.7296	0.4593	0.7231
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8016	0.1984	0.4830	-0.0328	0.6707
AID_1431_KlekotaRothFingerprinter	0.8651	0.1349	0.5587	0.1171	0.7128
AID_1431_MACCSFingerprinter	0.8095	0.1905	0.4474	-0.1045	0.6901
AID_1878	0.7810	0.2190	0.6527	0.3038	0.7668
AID_602330	0.9219	0.0781	0.5386	0.0769	0.6207
AID_652128	0.8182	0.1212	0.4125	0.0660	0.6100
AID1284Morered	0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red	0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered	0.8835	0.1165	0.5402	0.0804	0.6801
AID1608red	0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red	0.9836	0.0164	0.6183	0.2149	0.5259
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9985	0.0015	0.5912	0.1811	0.5354
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9930	0.0070	0.4982	-0.0034	0.4755
AID604	0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed	0.9980	0.0020	0.4995	-0.0010	0.5055
AID644Morered	0.6000	0.4000	0.6094	0.2000	0.8294
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9991	0.0009	0.4998	-0.0004	0.5319
AID687red	0.9961	0.0039	0.4990	-0.0014	0.5024
AID688red	0.9846	0.0154	0.4961	-0.0075	0.5641
AID721morered	0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9985	0.0015	0.5912	0.1811	0.5354
AID746red	0.9911	0.0089	0.6027	0.2045	0.5517
aids	0.7887	0.2113	0.6909	0.3746	0.7465
air_pollution	0.2167	0.2238	0.1124	-0.0223	0.9085
air-booking	0.7892	0.2108	0.5876	0.1752	0.7776
airline	0.9190	0.0810	0.9175	0.8345	0.3728
alcohol	0.8762	0.0495	0.7909	0.7364	0.2497
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6837	0.3163	0.6442	0.2868	0.8586
anneal	0.9888	0.0045	0.9858	0.9759	0.0146
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus	0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species	0.9861	0.0028	0.9743	0.9807	0.0592
anxiety	0.0833	0.2037	0.0812	-0.0312	0.8421
apple-quality	0.8550	0.1450	0.8552	0.7100	0.5477
aps-failure	0.9900	0.0100	0.8457	0.6860	0.3560
arabidopsis	0.9672	0.0153	0.5594	0.1170	0.5319
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.6782	0.3218	0.5129	0.0025	0.0723
arabidopsis10%	0.9739	0.0213	0.5303	0.0499	0.4572

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia	0.5333	0.0718	0.2784	0.2216	0.4101
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult	0.8714	0.1286	0.8470	0.6903	0.5586
autism-child	0.6897	0.3103	0.6905	0.3800	0.8315
autos	0.8000	0.0667	0.6553	0.7324	0.1641
avila	0.7652	0.0391	0.7763	0.6938	0.3689
babies	0.3145	0.1959	0.1628	0.0120	0.7019
balance	0.8065	0.1290	0.5809	0.6565	0.4834
bank	0.8713	0.1287	0.6615	0.3219	0.6957
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8341	0.1659	0.8199	0.6397	0.6142
basehock	0.8040	0.1960	0.8157	0.6075	0.5740
bio	0.9970	0.0029	0.9132	0.8258	0.2735
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.8571	0.1429	0.8494	0.6986	0.5580
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9642	0.0012	0.1249	0.3999	1.0000
bitcoin1%	0.9708	0.0020	0.0366	0.0360	0.4251
bitcoin10%	0.9740	0.0018	0.0553	0.1118	0.7686
body-perf	0.5612	0.2194	0.5658	0.4149	0.5790
bookings	0.9402	0.0399	0.7337	0.8738	0.3350
brain-tumor	0.4950	0.5050	0.4950	-0.0100	1.0000
breast-cancer	0.6429	0.3571	0.5944	0.1860	0.8702
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.5000	0.1429	0.4685	0.3590	0.2261
bub10at310k-hg16-17	0.8641	0.1359	0.6034	0.2066	0.7015
bub12at310k-hg16-17	0.8741	0.1259	0.6209	0.2418	0.6971
bub8at310k-hg16-17	0.8548	0.1452	0.6171	0.2304	0.6879
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae	0.4350	0.3767	0.3349	0.0174	0.8109
car	0.9310	0.0345	0.9073	0.8591	0.2477
car-insurance	0.7660	0.2340	0.7334	0.4661	0.7502
card	0.7681	0.2319	0.7603	0.5196	0.7249
cardiotocography	0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp	0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular	0.6157	0.3843	0.6158	0.2314	0.9139
cargo2k	0.9695	0.0203	0.9695	0.9543	0.0980
cars	0.7000	0.2000	0.6194	0.4299	0.5035
cas_N6512_cdk_ECFP2	0.7081	0.2919	0.7075	0.4147	0.8097
cas_N6512_rdkit_ATOMPAIR	0.7277	0.2723	0.7251	0.4489	0.7820
cas_N6512_RDkit_AtomPair_FP	0.7393	0.2607	0.7369	0.4729	0.7659
cas_N6512_rdkit_AVALON	0.7696	0.2304	0.7687	0.5372	0.7190
cas_N6512_RDkit_Avalon_FP	0.7761	0.2239	0.7768	0.5520	0.7037
cas_N6512_rdkit_descriptors	0.7908	0.2092	0.7900	0.5798	0.6822
cas_N6512_rdkit_FEATMORGAN	0.7204	0.2796	0.7191	0.4382	0.7943
cas_N6512_RDkit_Featmorgan_FP	0.7331	0.2669	0.7325	0.4646	0.7752
cas_N6512_RDkit_FP	0.7822	0.2178	0.7807	0.5614	0.6980
cas_N6512_rdkit_LAYERED	0.7723	0.2277	0.7723	0.5439	0.7122
cas_N6512_RDkit_Layered_FP	0.7515	0.2485	0.7497	0.4992	0.7487

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7696	0.2304	0.7680	0.5359	0.7197
cas_N6512_RDkit_MACCS_FP	0.7607	0.2393	0.7616	0.5216	0.7287
cas_N6512_rdkit_MORGAN	0.7138	0.2862	0.7144	0.4276	0.7994
cas_N6512_RDkit_morgan_FP	0.7270	0.2730	0.7260	0.4518	0.7847
cas_N6512_rdkit_PATTERN	0.7523	0.2477	0.7520	0.5034	0.7456
cas_N6512_RDkit_pattern_FP	0.7546	0.2454	0.7542	0.5079	0.7422
cas_N6512_rdkit_RDKITFP	0.7834	0.2166	0.7823	0.5647	0.6958
cas_N6512_rdkit_TORSION	0.7169	0.2831	0.7142	0.4272	0.7977
ccds	0.9488	0.0359	0.6878	0.3186	0.4372
ccds1%	0.9451	0.0549	0.6286	0.2571	0.6181
ccds10%	0.9235	0.0765	0.5657	0.1282	0.5966
cdc_diabetes	0.7790	0.1474	0.4011	0.1795	0.6603
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7772	0.2228	0.7689	0.5322	0.7052
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9490	0.0510	0.7021	0.4041	0.6000
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9291	0.0709	0.5947	0.1888	0.6438
CDS49_AID687_Rdkit-ecfp4-fp	0.9943	0.0057	0.4986	-0.0028	0.4683
census	0.9240	0.0760	0.6702	0.3400	0.6370
census10%	0.9144	0.0856	0.6116	0.2232	0.6573
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7589	0.5147	0.5542
cervical-C	0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia	0.4878	0.2561	0.4158	0.2298	0.6640
chrom19	0.9948	0.0003	0.8909	0.8254	0.3338
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9989	0.0011	0.8015	0.5904	0.5216
chrom21	1.0000	0.0002	0.6676	0.1455	0.1796
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.8855	0.1145	0.5892	0.1782	0.6915
churn	0.7870	0.2130	0.6655	0.3307	0.7706
churn-bigml	0.8390	0.1610	0.6377	0.2690	0.7312
ci900367j_MACCS	0.7158	0.2842	0.7162	0.4242	0.7793
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.5000	0.3333	0.3658	0.1285	0.7500
cjs	0.9857	0.0048	0.9859	0.9826	0.0298
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.6861	0.1569	0.4895	0.5181	0.5951
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.6970	0.3902	0.6445
cmc	0.4762	0.3492	0.4595	0.1983	0.7686
cnae-9	0.8426	0.0350	0.8454	0.8229	0.1416
codon_usage	0.9233	0.0140	0.8203	0.9070	0.1616
coil20	0.9861	0.0014	0.9866	0.9854	0.0097
college	0.9091	0.0909	0.8839	0.7674	0.4467
collins	0.2800	0.0960	0.2335	0.2046	0.4133
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2	0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3	0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.6552	0.3448	0.6546	0.3062	0.8683
colposcopies-c	0.7586	0.2414	0.6226	0.2281	0.7911
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.7742	0.1505	0.7559	0.6359	0.4045

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5317	0.4730	0.5244	0.0323	0.7876
comedy_comparisons1%	0.5057	0.4943	0.5034	0.0068	0.9963
comedy_comparisons10%	0.5230	0.4760	0.5330	0.0608	0.9713
connect-4	0.9477	0.0348	0.4341	0.1887	0.5150
cottonmeloidogyne	0.6490	0.3510	0.6527	0.2964	0.8581
coupon	0.6349	0.3651	0.6317	0.2627	0.8931
covid19	0.4228	0.1649	0.1788	0.0754	0.9151
covtype	0.9389	0.0175	0.8937	0.9019	0.1744
covtype10%	0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD	0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT	0.9855	0.0145	0.9442	0.8885	0.2569
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9995	0.0005	0.9307	0.8600	0.1972
creditcard_trans10%	0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced	0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn	0.9730	0.0270	0.6733	0.3464	0.5761
cybersecurity	0.1733	0.2756	0.1728	0.0071	0.8674
cyclopentane	0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands	0.6481	0.3519	0.6666	0.3151	0.8238
darwin	0.6667	0.3333	0.6866	0.3333	0.7578
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1066	0.1787	0.1068	0.0073	0.9257
day1%	0.9800	0.0206	0.9809	0.9487	0.1444
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7357	0.2643	0.6205	0.2409	0.8197
defect	0.8056	0.1944	0.6530	0.3054	0.7511
dementia	0.9300	0.0700	0.9338	0.8590	0.2514
deposit	0.8691	0.1309	0.6710	0.3415	0.6948
depressed	0.7762	0.2238	0.5858	0.1713	0.7977
dermatology	0.9189	0.0270	0.9131	0.8985	0.0722
desharnais	0.6250	0.2500	0.4037	0.2727	0.4605
dexter	0.5167	0.4833	0.5349	0.0333	0.7615
df_final	0.5625	0.2917	0.6143	0.3086	0.4783
DIA	0.8667	0.1333	0.8154	0.6279	0.5736
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k	0.9099	0.0901	0.6703	0.3328	0.6394
diabetes-risk	0.8724	0.1276	0.8035	0.6068	0.6008
diabetic	0.4528	0.3648	0.3590	0.0461	0.8058
diabetic1%	0.4412	0.3725	0.3416	0.0498	0.8113
diabetic10%	0.4361	0.3759	0.3305	0.0078	0.8181
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.8712	0.8369	0.1763
diamonds_all	0.6225	0.1510	0.5951	0.4710	0.4908
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9962	0.0038	0.4990	-0.0015	0.5201
dna1%	1.0000	0.0075	0.5163	0.0423	0.4324
dna10%	0.9979	0.0068	0.5240	0.0508	0.4662
dorothea	0.8261	0.1739	0.5354	0.0703	0.7132
dota2	0.5178	0.4822	0.5160	0.0320	0.9897
dota210%	0.5223	0.4777	0.5203	0.0406	0.9870
drebin	0.9847	0.0153	0.9836	0.9671	0.1087
dropout	0.6591	0.2272	0.5676	0.4257	0.6058

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.2713	0.2082	0.1495	-0.0006	0.8591
drug-02	0.4043	0.1702	0.2122	0.1175	0.8179
drug-03	0.5638	0.1246	0.1493	0.0768	0.6552
drug-04	0.3723	0.1793	0.2023	0.1073	0.8221
drug-05	0.5372	0.1322	0.1239	-0.0463	0.7772
drug-06	0.3032	0.1991	0.2535	0.1649	0.7541
drug-07	0.2979	0.2006	0.1122	-0.0778	0.7315
drug-08	0.4043	0.1702	0.2015	0.1052	0.8300
drug-09	0.7926	0.0593	0.1779	0.0953	0.6280
drug-10	0.4149	0.1672	0.1473	0.0728	0.7445
drug-11	0.7553	0.0699	0.1457	-0.0043	0.7645
drug-12	0.6489	0.1003	0.2320	0.0687	0.7557
drug-13	0.5000	0.1429	0.1723	0.1790	0.8201
drug-14	0.4840	0.1474	0.2543	0.1797	0.7322
drug-15	0.6436	0.1018	0.1764	0.1523	0.7572
drug-16	0.4840	0.1474	0.2202	0.2033	0.6401
drug-17	0.2606	0.2112	0.1835	0.0673	0.8363
drug-18	0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19	0.6543	0.0988	0.1798	0.1444	0.7843
drybean	0.9111	0.0254	0.9260	0.8925	0.1438
ecoli	0.8529	0.0368	0.5261	0.7942	0.1017
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU	0.8182	0.1818	0.5816	0.1538	0.6675
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2300	0.3850	0.2342	-0.0253	0.8623
eeg	0.3709	0.0786	0.3838	0.3049	0.7262
eeg-eye	0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%	0.2741	0.0907	0.2770	0.1974	0.7449
email_phishing	0.9853	0.0147	0.6896	0.3757	0.5353
eucalyptus	0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid	0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq	0.9547	0.0453	0.9560	0.9094	0.2231
exon.vs.intron-freq10%	0.8884	0.1116	0.8972	0.7786	0.3787
fakenews	0.5125	0.4875	0.5126	0.0252	0.9925
farm-ads	0.7512	0.2488	0.7778	0.5131	0.6152
fbis-wc	0.6179	0.0450	0.6056	0.5724	0.3828
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5098	0.4902	0.5031	0.0062	0.9949
financial-risk	0.6255	0.1248	0.4082	0.4052	0.5015
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.6000	0.1000	0.4483	0.4953	0.2309
fonts	0.7463	0.0031	0.6116	0.7425	0.3365
fonts10%	0.5285	0.0062	0.2718	0.5062	0.6044
forest	0.9038	0.0481	0.9003	0.8672	0.1365
gas	0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal	0.6875	0.2083	0.6898	0.5031	0.5143
gender	0.5095	0.3270	0.3952	0.0863	0.7629
gene	0.7445	0.1703	0.7437	0.6039	0.5048
german	0.6500	0.3500	0.6030	0.2045	0.8963
gestures	0.6498	0.1751	0.6753	0.5333	0.4580
gina	0.8098	0.1902	0.8122	0.6184	0.6255
gisette	0.9286	0.0714	0.9289	0.8571	0.3386
glass	0.7619	0.0794	0.8224	0.6779	0.2764
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.7262	0.2738	0.7142	0.4250	0.7863
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.6000	0.2000	0.5875	0.4611	0.4564
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7000	0.3000	0.6316	0.2623	0.8380
hapt	0.9588	0.0069	0.8216	0.9513	0.0402
har	0.9954	0.0018	0.9950	0.9942	0.0137
har70	0.9207	0.0289	0.6225	0.8611	0.3489
har701%	0.8850	0.0329	0.5782	0.8338	0.3241
har7010%	0.9037	0.0275	0.6041	0.8592	0.3439
harth	0.8708	0.0197	0.6353	0.8474	0.2220
harth1%	0.8489	0.0252	0.5922	0.7951	0.2675
harth10%	0.8667	0.0222	0.6294	0.8194	0.2609
hayes-roth	0.6875	0.2083	0.7348	0.5031	0.4033
hcc-survival	0.8824	0.1176	0.8786	0.7571	0.4880
health-activity	0.6700	0.1650	0.2756	0.0523	0.5663
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8000	0.2000	0.8001	0.5946	0.6479
heart-failure	0.9700	0.0300	0.9651	0.9293	0.1667
heart-quantum	0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.8177	0.1808	0.8076	0.6327	0.6275
hepmass1%	0.7733	0.2267	0.7734	0.5467	0.7119
hepmass10%	0.8075	0.1839	0.8110	0.6344	0.6377
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.6782	0.3269	0.6698	0.3390	0.8614
higgs0.1%	0.5527	0.4473	0.5500	0.1000	0.9670
higgs1%	0.5915	0.4085	0.5888	0.1774	0.9368
higgs10%	0.6443	0.3500	0.6331	0.2877	0.8634
higher	0.2143	0.1964	0.1652	0.0610	0.4072
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.6250	0.3750	0.6335	0.2587	0.8788
hiv1-proteasa	0.8347	0.1653	0.7283	0.4539	0.6973
hiva	0.9456	0.0544	0.5276	0.0531	0.6308
horse	0.5556	0.2963	0.3923	0.1504	0.6733
hotel-reservartions	0.8534	0.1466	0.8333	0.6665	0.5820
hr	0.7474	0.2526	0.4874	-0.0252	0.7820
ht-sensor	1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%	0.9999	0.0001	0.9999	0.9998	0.0007
htru2	0.9709	0.0290	0.9109	0.8216	0.3278
hypothyroid	0.9310	0.0345	0.5292	0.5252	0.3050
hypothyroidT	0.9443	0.0557	0.7832	0.5590	0.5058
ilpd	0.6949	0.3051	0.6020	0.2003	0.8649
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9640	0.0180	0.9641	0.9520	0.0782
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8793	0.0093	0.8811	0.8745	0.1008

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.7585	0.2415	0.6265	0.2526	0.7951
jvowels	0.9970	0.0007	0.9970	0.9966	0.0056
kc1	0.8673	0.1327	0.7133	0.4097	0.6365
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.5714	0.0357	0.0370	0.2696	0.0285
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.6769	0.3514	0.7685
kdc-4007	0.2743	0.1814	0.3488	0.1524	0.4160
kddcup98	0.8932	0.0901	0.4852	-0.0166	0.6466
kddcup981%	0.9579	0.0421	0.7439	0.3214	0.1201
kddcup9810%	0.9215	0.0785	0.5064	0.0121	0.6660
kddcup99	0.9865	0.0000	0.6462	1.0000	0.0033
kddcup991%	0.9988	0.0001	0.5457	0.9979	0.0014
kddcup9910%	0.9994	0.0000	0.7292	0.9990	0.0301
kepler	0.8285	0.1144	0.7707	0.7190	0.3059
kidney	0.6402	0.1439	0.1787	-0.0237	0.7985
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.5615	0.0487	0.5556	0.5105	0.4837
krvskp	0.9060	0.0940	0.9057	0.8114	0.4146
la1s-wc	0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc	0.4238	0.1921	0.4498	0.2935	0.5326
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.5882	0.0206	0.3317	0.5677	0.0757
led24	0.5500	0.0900	0.5114	0.4930	0.2136
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9610	0.0030	0.9605	0.9594	0.0464
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8611	0.0185	0.8750	0.8509	0.0672
linkage	1.0000	0.0000	1.0000	0.9917	0.0118
linkage1%	0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%	0.9754	0.0002	0.9810	0.9769	0.0013
liver	0.6765	0.3235	0.6780	0.3392	0.7960
loan	0.8665	0.1335	0.8574	0.7148	0.5346
localization	0.7349	0.0482	0.5411	0.6693	0.5292
localization10%	0.6845	0.0574	0.4610	0.6023	0.5383
lrs	0.8302	0.0340	0.4915	0.7664	0.1458
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8500	0.0600	0.6795	0.6703	0.2274
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.5714	0.2143	0.5244	0.2500	0.3338
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8904	0.7809	0.4568
madelon	0.5577	0.4423	0.5578	0.1154	0.9617
magic04	0.8311	0.1689	0.8116	0.6216	0.6175
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7708	0.2292	0.7721	0.5423	0.7111
marketing	0.8705	0.1295	0.7521	0.5034	0.6558
maternal	0.8713	0.0858	0.8762	0.8054	0.2938
math	0.4750	0.2625	0.3788	0.2060	0.7167
mba	0.7645	0.1570	0.3781	0.1488	0.6094
mental-disorders	0.7500	0.1250	0.7703	0.6667	0.2246
mental-health	0.1833	0.3267	0.1835	-0.0219	0.8858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6174	0.3826	0.6108	0.2215	0.9143
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac	0.9700	0.0060	0.9713	0.9667	0.0315
mfeat-fou	0.8300	0.0340	0.8316	0.8111	0.1279
mfeat-kar	0.9550	0.0090	0.9561	0.9500	0.0565
mfeat-mor	0.6850	0.0630	0.6868	0.6500	0.2286
mfeat-pix	0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-zer	0.8300	0.0340	0.8347	0.8111	0.1057
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5000	0.2000	0.4841	0.3717	0.4872
mobile	0.5874	0.0147	0.6058	0.5799	0.1857
monks-1	0.8000	0.2000	0.8044	0.5985	0.6311
monks-2	0.8689	0.1311	0.8589	0.7159	0.5373
monks-3	0.7500	0.2500	0.7582	0.4942	0.6877
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3394	0.1201	0.3966	0.2236	0.6693
musk	0.9394	0.0606	0.8823	0.7643	0.4240
MUT_ci300400a_cdk_ECFP2	0.7710	0.2290	0.7669	0.5331	0.7191
MUT_ci300400a_cdk_ECFP4	0.7701	0.2299	0.7646	0.5289	0.7228
MUT_ci300400a_cdk_ECFP6	0.7557	0.2443	0.7491	0.4983	0.7466
MUT_ci300400a_cdk_ESTATE	0.7566	0.2434	0.7494	0.4989	0.7456
MUT_ci300400a_cdk_EXTENDED	0.8477	0.1523	0.8436	0.6873	0.5724
MUT_ci300400a_cdk_FCFP2	0.7892	0.2108	0.7848	0.5693	0.6889
MUT_ci300400a_cdk_FCFP4	0.7626	0.2374	0.7574	0.5146	0.7343
MUT_ci300400a_cdk_FCFP6	0.7710	0.2290	0.7704	0.5376	0.7108
MUT_ci300400a_cdk_MACCS	0.8177	0.1823	0.8128	0.6255	0.6364
MUT_ci300400a_cdk_PUBCHEM	0.8323	0.1677	0.8268	0.6534	0.6048
MUT_ci300400a_cdk_STANDARD	0.8491	0.1509	0.8441	0.6878	0.5667
MUT_ci300400a_rdkit_descriptors	0.8471	0.1529	0.8432	0.6862	0.5709
myocardial	0.8765	0.0309	0.3903	0.4723	0.4002
naticusdroid	0.8865	0.1135	0.8891	0.7729	0.4433
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA	0.9504	0.0057	0.7510	0.8596	0.6780
ncRNA1%	0.8829	0.0123	0.4744	0.6965	0.9843
ncRNA10%	0.9197	0.0084	0.6278	0.7909	0.8351
neo	0.8905	0.1095	0.6906	0.3812	0.6669
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.4160	0.0265	0.4714	0.3973	0.4102
newspop	0.5805	0.4195	0.5803	0.1603	0.9435
NHANES_age_prediction	0.9163	0.0837	0.8327	0.6595	0.4812
nomao	0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits	0.4722	0.3519	0.3799	0.1211	0.7879
nursery	0.9606	0.0157	0.7284	0.9423	0.0949
obesity	0.8341	0.0474	0.8313	0.8063	0.2124
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9918	0.9836	0.0668
Occupancy_Estimation	0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc	0.3861	0.1228	0.4111	0.2754	0.4704
oh10-wc	0.2381	0.1524	0.3316	0.1731	0.4946
oh15-wc	0.2391	0.1522	0.2943	0.1396	0.4861
oh5-wc	0.2527	0.1495	0.3176	0.1780	0.4568

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.2966	0.1407	0.3191	0.2128	0.6721
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.8360	0.1640	0.5990	0.1909	0.6788
opn310k10%	0.8322	0.1678	0.5964	0.1836	0.6686
opnat310k-hg16-17	0.8376	0.1624	0.6043	0.2010	0.6780
optdigits	0.9733	0.0053	0.9746	0.9703	0.0398
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr	0.9565	0.0435	0.5776	0.1349	0.5847
ozone8hr	0.8933	0.1067	0.5644	0.1261	0.6936
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7629	0.2371	0.7359	0.4718	0.7516
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants	0.9949	0.0051	0.6944	0.3821	0.5030
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.9726	0.0110	0.8369	0.8428	0.1966
parkinson	0.9250	0.0750	0.9237	0.8462	0.3614
parkinsons	0.6398	0.3602	0.6252	0.2495	0.8884
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.8614	0.1386	0.8292	0.6583	0.5839
particle10%	0.8638	0.1362	0.8334	0.6665	0.5782
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9279	0.0721	0.7306	0.4612	0.6104
pcmac	0.5722	0.4278	0.5187	0.0268	0.8814
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia	0.7353	0.0756	0.6727	0.6648	0.1654
pendigits	0.9927	0.0015	0.9927	0.9919	0.0136
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.1111	0.8889	0.1000	-0.5000	0.9422
persistency	0.6880	0.3120	0.6544	0.3020	0.8426
personalities	0.9592	0.0051	0.9593	0.9564	0.0711
pet-adoption	0.8050	0.1950	0.7804	0.5607	0.6824
phishing	0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL	1.0000	0.0033	0.9824	1.0000	0.0298
PhiUSIIL10%	0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc	0.9798	0.0015	0.9872	0.9974	0.0100
phone-acc0.1%	0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%	0.7913	0.0596	0.7812	0.7561	0.2420
phone-acc10%	0.9961	0.0012	1.0000	0.9783	0.0096
phone-gyr	0.9543	0.0170	0.9508	0.9484	0.0879
phone-gyr0.1%	0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%	0.8188	0.0518	0.8082	0.7881	0.2306
phone-gyr10%	0.9745	0.0018	1.0000	1.0000	0.0127
phoneme	0.9148	0.0852	0.8930	0.7843	0.4091
phy	0.6400	0.3600	0.6400	0.2800	0.8906
pima	0.6842	0.3158	0.6560	0.2808	0.7925
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.6990	0.3010	0.6890	0.3775	0.8275
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker	0.6341	0.0769	0.2720	0.3465	0.7131
poker1%	0.4527	0.1095	0.2057	0.0442	0.7182
poker10%	0.4630	0.1074	0.2089	0.0548	0.7083
polish-1st	0.9331	0.0669	0.5033	0.0066	0.6332
polish-2nd	0.9204	0.0796	0.5139	0.0276	0.6061
polish-3rd	0.9210	0.0790	0.5029	0.0057	0.6570

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9133	0.0867	0.5645	0.1290	0.6535
polish-5th	0.9069	0.0931	0.6185	0.2362	0.6682
polya	0.7222	0.2778	0.6956	0.3910	0.8075
popularity	0.5453	0.3032	0.3909	0.1028	0.7491
post-operative	0.3333	0.4444	0.2276	-0.2857	0.4822
postures	0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7230	0.4412	0.7804
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2727	0.0661	0.1284	0.1935	0.2746
processed	0.9099	0.0901	0.8965	0.7930	0.4302
profb	0.6418	0.3582	0.6130	0.2239	0.8794
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%	0.9819	0.0072	0.9689	0.9757	0.0493
pufs-128	0.5020	0.4998	0.5003	-0.0034	1.0000
pufs-1281%	0.4962	0.5038	0.4962	-0.0077	1.0000
pufs-12810%	0.4969	0.4916	0.4990	0.0007	1.0000
pufs-64	0.5088	0.4993	0.5026	0.0055	0.9991
pufs-641%	0.5088	0.4913	0.5087	0.0175	0.9950
pufs-6410%	0.5060	0.4940	0.5060	0.0120	0.9966
pulsar	0.9713	0.0287	0.9159	0.8316	0.3521
raisin	0.8556	0.1444	0.8563	0.7111	0.5413
rcv1	0.2397	0.0435	0.0178	-0.0102	0.2871
rcv11%	0.4056	0.0224	0.1564	0.2553	0.3790
rcv110%	0.5518	0.0166	0.3007	0.4822	0.5939
re0-wc	0.6067	0.0605	0.5843	0.4991	0.4857
re1-wc	0.5181	0.0386	0.4769	0.4426	0.3909
rejafada	0.9548	0.0452	0.6889	0.3766	0.5971
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.6277	0.0115	0.2558	0.4256	0.3725
rice	0.9813	0.0187	0.9811	0.9622	0.1244
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5617	0.4383	0.5524	0.1044	0.9541
RT_IOT2022	0.9981	0.0003	0.9764	0.9951	0.0037
satimage	0.9098	0.0301	0.8990	0.8890	0.1551
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9393	0.0607	0.8366	0.6730	0.5142
scadi	0.7143	0.0816	0.3896	0.6111	0.0825
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	0.8519	0.1481	0.8708	0.7097	0.4011
secom	0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9494	0.9342	0.0732
segmentation	0.8218	0.1782	0.8100	0.6186	0.6382
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.8953	0.1047	0.5630	0.1260	0.6775
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.7895	0.2105	0.5147	0.0294	0.7847
sens-10-gram	0.8058	0.1942	0.5518	0.1029	0.7773
sens-2-gram	0.8079	0.1921	0.5688	0.1374	0.7671
sens-3-gram	0.8000	0.2000	0.5549	0.1097	0.7712
sens-4-gram	0.7447	0.2553	0.5477	0.0912	0.7360
sens-5-gram	0.7553	0.2447	0.4945	-0.0109	0.7713
sens-6-gram	0.7789	0.2211	0.5617	0.1221	0.7555

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.7632	0.2368	0.5374	0.0737	0.7570
sens-8-gram	0.7789	0.2211	0.5546	0.1084	0.7595
sens-9-gram	0.7737	0.2263	0.5512	0.1012	0.7576
sensorless	0.8304	0.0308	0.8312	0.8135	0.1901
sepsis	0.8600	0.1400	0.5213	0.0418	0.7297
shoppers	0.8483	0.1517	0.6934	0.3852	0.7031
shuttle	0.9993	0.0002	0.9040	0.9981	0.1298
sick	0.9469	0.0530	0.7550	0.4968	0.5125
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin	0.9998	0.0002	0.9998	0.9995	0.0032
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.8080	0.1920	0.8082	0.6152	0.6451
smart-farming	0.1400	0.4300	0.1412	-0.1461	0.9004
smk_can_187	0.6842	0.3158	0.6833	0.3667	0.8414
smoking	0.7913	0.2087	0.7747	0.5493	0.6969
soil_pollution	0.1933	0.3227	0.1923	-0.0087	0.8772
solar-flare	0.7482	0.0839	0.6477	0.6803	0.2561
sonar	0.8000	0.2000	0.8276	0.6000	0.4308
soybean	0.9559	0.0046	0.9835	0.9516	0.0339
spam-detection	0.9430	0.0570	0.8303	0.6605	0.5119
spambase	0.8935	0.1065	0.8885	0.7770	0.4601
spect	0.6667	0.3333	0.5452	0.0899	0.8578
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.4340	0.0236	0.2139	0.4038	0.1407
splice-EI	0.8612	0.1388	0.8322	0.6577	0.5855
splice-IE	0.8391	0.1609	0.7917	0.5798	0.6479
sport-articles	0.8200	0.1800	0.8069	0.6139	0.6416
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.4000	0.4000	0.2222	-0.0714	0.4316
startup	0.7634	0.2366	0.7356	0.4688	0.7453
steel_industry	0.8593	0.0938	0.8243	0.7713	0.3023
steel-b	0.8462	0.1538	0.7769	0.5528	0.6568
steel-d	0.9846	0.0154	0.8820	0.7613	0.4382
steel-k	0.9897	0.0103	0.9843	0.9685	0.1057
steel-o	0.8154	0.1846	0.7943	0.5879	0.6550
steel-p	0.9385	0.0615	0.7734	0.5390	0.5226
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9192	0.8247	0.4176
stellar	0.8939	0.0707	0.8793	0.8087	0.2974
stock	0.8681	0.1319	0.7467	0.4016	0.4178
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.7680	0.2320	0.7653	0.5305	0.7234
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5150	0.1940	0.3614	0.2416	0.6667
student-depression	0.6864	0.3136	0.6730	0.3448	0.8437
student-habits	0.3300	0.2680	0.2519	0.0834	0.8069
student-weekend	0.2462	0.3015	0.1914	-0.0189	0.8193
student-workday	0.6562	0.1375	0.2180	0.1549	0.4716
studentap	0.4615	0.3590	0.4388	0.1875	0.5596
susy	0.7127	0.2771	0.7100	0.4394	0.8131
susy1%	0.7092	0.2908	0.7061	0.4114	0.8095
susy10%	0.7118	0.2868	0.7255	0.4200	0.8062
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5333	0.3000	0.5691
telco-churn	0.8224	0.1776	0.7649	0.5280	0.6736
texture	0.9800	0.0036	0.9810	0.9779	0.0290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.9771	0.0229	0.9768	0.9531	0.1496
thoracic	0.5957	0.4043	0.3733	-0.2317	0.7381
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7292	0.2708	0.4217	-0.0443	0.7051
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.6909	0.3091	0.6655	0.3276	0.8294
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f	0.6471	0.3529	0.6136	0.2273	0.8920
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.5733	0.4267	0.4364	-0.1268	0.9076
trec11-wc	0.3659	0.1409	0.4942	0.3046	0.3069
trec12-wc	0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc	0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc	0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc	0.6022	0.1137	0.4442	0.4655	0.3375
trec41-wc	0.4886	0.1023	0.5556	0.4198	0.3356
trec45-wc	0.4203	0.1159	0.4711	0.2741	0.3280
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.6750	0.1625	0.6783	0.5667	0.3341
tvnews	0.9437	0.0563	0.9391	0.8768	0.2763
tvnews1%	0.8846	0.1154	0.8748	0.7468	0.4714
tvnews10%	0.8651	0.1349	0.8541	0.7079	0.5394
ur3_cobotops_grip	0.9673	0.0327	0.7310	0.4614	0.5554
ur3_cobotops_stop	0.9701	0.0299	0.7735	0.5446	0.5073
urban	0.6716	0.0730	0.6936	0.6184	0.2914
urinalysis	0.9161	0.0839	0.5508	0.0997	0.6664
url-rep1%	0.7348	0.2619	0.7001	0.2606	0.4858
ustilago	0.9178	0.0725	0.5496	0.0469	0.2380
ustilago1%	0.9560	0.0440	0.4888	-0.0154	0.3202
ustilago10%	0.9409	0.0591	0.5254	0.0295	0.2890
vehicle	0.7262	0.1369	0.6661	0.6291	0.2324
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17	0.9068	0.0932	0.6337	0.2250	0.5956
wap-wc	0.3846	0.0615	0.2776	0.3190	0.3477
warpar10p	0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.9342	0.0162	0.9445	0.9210	0.0905
watch-acc1%	0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%	0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr	0.9237	0.0256	0.8935	0.8824	0.1403
watch-gyr1%	0.7380	0.0749	0.7369	0.6941	0.3240
watch-gyr10%	0.8311	0.0483	0.8300	0.8027	0.2263
water_pollution	0.2533	0.3733	0.2534	0.0036	0.8633
waveform	0.6660	0.2227	0.6669	0.4987	0.5918
weather-related	0.9712	0.0052	0.9738	0.9673	0.0480
web-phishing	0.8741	0.0840	0.7965	0.7753	0.3911
Weekly	0.8704	0.1296	0.8685	0.7364	0.5111
weight-lift	0.9934	0.0027	0.9931	0.9916	0.0203
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9689	0.0311	0.8324	0.6645	0.4687
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white	0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg	0.9884	0.0029	0.9913	0.9895	0.0358
winnipeg10%	0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5203	0.0959	0.3344	0.3881	0.4601
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9324	0.0676	0.4825	-0.0292	0.6521
zip	0.9591	0.0082	0.9546	0.9542	0.0668

Table 249: Detailed results for 1-NN(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1253	0.0595	0.0708	0.0490	0.6523
abalone19	0.9856	0.0144	0.4964	-0.0072	0.5293
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9744	0.0256	0.6462	0.2920	0.5762
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9543	0.0457	0.9061	0.8121	0.3831
adult	0.8051	0.1949	0.7293	0.4586	0.7233
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8016	0.1984	0.4830	-0.0328	0.6707
AID_1431_KlekotaRothFingerprinter	0.8651	0.1349	0.5587	0.1171	0.7128
AID_1431_MACCSFingerprinter	0.8095	0.1905	0.4474	-0.1045	0.6901
AID_1878	0.7810	0.2190	0.6527	0.3038	0.7668
AID_602330	0.9219	0.0781	0.5386	0.0769	0.6207
AID_652128	0.8182	0.1212	0.4125	0.0660	0.6100
AID1284Morered	0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red	0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered	0.8835	0.1165	0.5402	0.0804	0.6801
AID1608red	0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red	0.9836	0.0164	0.6183	0.2149	0.5259
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9985	0.0015	0.5912	0.1811	0.5354
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9930	0.0070	0.4982	-0.0034	0.4755
AID604	0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed	0.9980	0.0020	0.4995	-0.0010	0.5055
AID644Morered	0.6000	0.4000	0.6094	0.2000	0.8294
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9991	0.0009	0.4998	-0.0004	0.5319
AID687red	0.9961	0.0039	0.4990	-0.0014	0.5024
AID688red	0.9846	0.0154	0.4961	-0.0075	0.5641
AID721morered	0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9985	0.0015	0.5912	0.1811	0.5354
AID746red	0.9911	0.0089	0.6027	0.2045	0.5517
aids	0.7887	0.2113	0.6909	0.3746	0.7465
air_pollution	0.2167	0.2238	0.1124	-0.0223	0.9085
air-booking	0.7894	0.2106	0.5877	0.1755	0.7776
airline	0.9190	0.0810	0.9175	0.8345	0.3728
alcohol	0.8762	0.0495	0.7909	0.7364	0.2497
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6837	0.3163	0.6442	0.2868	0.8586
anneal	0.9888	0.0045	0.9858	0.9759	0.0146
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus	0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species	0.9861	0.0028	0.9743	0.9807	0.0592
anxiety	0.0833	0.2037	0.0812	-0.0312	0.8421
apple-quality	0.8550	0.1450	0.8552	0.7100	0.5477
aps-failure	0.9900	0.0100	0.8457	0.6860	0.3560
arabidopsis	0.9599	0.0153	0.5625	0.1164	0.5298
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.6782	0.3218	0.5129	0.0025	0.0723
arabidopsis10%	0.9875	0.0125	0.5353	0.0682	0.5612

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia	0.5333	0.0718	0.2784	0.2216	0.4101
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult	0.8714	0.1286	0.8470	0.6903	0.5586
autism-child	0.6897	0.3103	0.6905	0.3800	0.8315
autos	0.8000	0.0667	0.6553	0.7324	0.1641
avila	0.7652	0.0391	0.7763	0.6938	0.3689
babies	0.3145	0.1959	0.1628	0.0120	0.7019
balance	0.8226	0.1183	0.5920	0.6854	0.4531
bank	0.8713	0.1287	0.6615	0.3219	0.6957
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8318	0.1682	0.8176	0.6352	0.6193
basehock	0.8040	0.1960	0.8157	0.6075	0.5740
bio	0.9970	0.0030	0.9116	0.8225	0.2731
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.8571	0.1429	0.8494	0.6986	0.5580
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9757	0.0017	0.0750	0.1763	1.0000
bitcoin1%	0.9708	0.0020	0.0366	0.0360	0.4251
bitcoin10%	0.9740	0.0018	0.0553	0.1118	0.7686
body-perf	0.5612	0.2194	0.5658	0.4149	0.5790
bookings	0.9403	0.0398	0.7399	0.8741	0.3342
brain-tumor	0.4950	0.5050	0.4950	-0.0100	1.0000
breast-cancer	0.6429	0.3571	0.5944	0.1860	0.8702
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.5000	0.1429	0.4685	0.3590	0.2261
bub10at310k-hg16-17	0.8641	0.1359	0.6034	0.2066	0.7015
bub12at310k-hg16-17	0.8741	0.1259	0.6209	0.2418	0.6971
bub8at310k-hg16-17	0.8548	0.1452	0.6171	0.2304	0.6879
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae	0.4350	0.3767	0.3349	0.0174	0.8109
car	0.9310	0.0345	0.9073	0.8591	0.2477
car-insurance	0.7660	0.2340	0.7334	0.4661	0.7502
card	0.7681	0.2319	0.7603	0.5196	0.7249
cardiotocography	0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp	0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular	0.6156	0.3844	0.6157	0.2311	0.9140
cargo2k	0.9695	0.0203	0.9695	0.9543	0.0980
cars	0.7000	0.2000	0.6194	0.4299	0.5035
cas_N6512_cdk_ECFP2	0.7143	0.2857	0.7135	0.4267	0.8018
cas_N6512_rdkit_ATOMPAIR	0.7292	0.2708	0.7267	0.4518	0.7795
cas_N6512_RDkit_AtomPair_FP	0.7408	0.2592	0.7385	0.4762	0.7638
cas_N6512_rdkit_AVALON	0.7865	0.2135	0.7857	0.5713	0.6897
cas_N6512_RDkit_Avalon_FP	0.7761	0.2239	0.7765	0.5518	0.7045
cas_N6512_rdkit_descriptors	0.7908	0.2092	0.7900	0.5798	0.6822
cas_N6512_rdkit_FEATMORGAN	0.7235	0.2765	0.7221	0.4441	0.7902
cas_N6512_RDkit_Featmorgan_FP	0.7285	0.2715	0.7278	0.4553	0.7821
cas_N6512_RDkit_FP	0.7837	0.2163	0.7823	0.5646	0.6953
cas_N6512_rdkit_LAYERED	0.7708	0.2292	0.7709	0.5409	0.7145
cas_N6512_RDkit_Layered_FP	0.7546	0.2454	0.7526	0.5049	0.7434

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7711	0.2289	0.7691	0.5373	0.7149
cas_N6512_RDkit_MACCS_FP	0.7653	0.2347	0.7659	0.5305	0.7223
cas_N6512_rdkit_MORGAN	0.7138	0.2862	0.7144	0.4276	0.7994
cas_N6512_RDkit_morgan_FP	0.7270	0.2730	0.7260	0.4518	0.7847
cas_N6512_rdkit_PATTERN	0.7523	0.2477	0.7518	0.5032	0.7460
cas_N6512_RDkit_pattern_FP	0.7561	0.2439	0.7556	0.5109	0.7400
cas_N6512_rdkit_RDKITFP	0.7865	0.2135	0.7858	0.5714	0.6896
cas_N6512_rdkit_TORSION	0.7215	0.2785	0.7189	0.4369	0.7918
ccds	0.9636	0.0364	0.6887	0.3134	0.4304
ccds1%	0.9451	0.0549	0.6286	0.2571	0.6181
ccds10%	0.9235	0.0765	0.5657	0.1282	0.5966
cdc_diabetes	0.7785	0.1476	0.4010	0.1778	0.6604
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7650	0.2218	0.7811	0.5245	0.6977
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9435	0.0565	0.6980	0.3931	0.6070
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9291	0.0709	0.5947	0.1888	0.6438
CDS49_AID687_Rdkit-ecfp4-fp	0.9943	0.0057	0.4986	-0.0028	0.4683
census	0.9240	0.0760	0.6702	0.3400	0.6370
census10%	0.9144	0.0856	0.6116	0.2232	0.6573
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7589	0.5147	0.5542
cervical-C	0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia	0.4878	0.2561	0.4158	0.2298	0.6640
chrom19	0.9996	0.0004	0.9043	0.8083	0.3450
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9989	0.0011	0.8015	0.5904	0.5216
chrom21	1.0000	0.0002	0.6757	0.1435	0.1796
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.8855	0.1145	0.5892	0.1782	0.6915
churn	0.7870	0.2130	0.6655	0.3307	0.7706
churn-bigml	0.8390	0.1610	0.6377	0.2690	0.7312
ci900367j_MACCS	0.7263	0.2737	0.7203	0.4368	0.7800
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6667	0.2222	0.4583	0.3664	0.6925
cjs	0.9857	0.0048	0.9859	0.9826	0.0298
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.6806	0.1597	0.4912	0.5106	0.5994
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.6970	0.3902	0.6445
cmc	0.4830	0.3447	0.4681	0.2077	0.7647
cnae-9	0.8426	0.0350	0.8454	0.8229	0.1416
codon_usage	0.9233	0.0140	0.8203	0.9070	0.1616
coil20	0.9861	0.0014	0.9866	0.9854	0.0097
college	0.9091	0.0909	0.8839	0.7674	0.4467
collins	0.2800	0.0960	0.2335	0.2046	0.4133
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2	0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3	0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.6552	0.3448	0.6546	0.3062	0.8683
colposcopies-c	0.7586	0.2414	0.6226	0.2281	0.7911
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.7742	0.1505	0.7559	0.6359	0.4045

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5245	0.4699	0.5389	0.0318	0.7742
comedy_comparisons1%	0.5004	0.4996	0.4981	-0.0037	0.9993
comedy_comparisons10%	0.5302	0.4698	0.5299	0.0598	0.9815
connect-4	0.9477	0.0348	0.4341	0.1887	0.5150
cottonmeloidogyne	0.6514	0.3486	0.6547	0.3013	0.8581
coupon	0.6356	0.3644	0.6326	0.2644	0.8922
covid19	0.4174	0.1665	0.1802	0.0765	0.9197
covtype	0.9389	0.0175	0.8937	0.9019	0.1744
covtype10%	0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD	0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT	0.9855	0.0145	0.9442	0.8885	0.2569
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9995	0.0005	0.9307	0.8600	0.1972
creditcard_trans10%	0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced	0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn	0.9730	0.0270	0.6733	0.3464	0.5761
cybersecurity	0.1733	0.2756	0.1728	0.0071	0.8674
cyclopentane	0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands	0.6481	0.3519	0.6666	0.3151	0.8238
darwin	0.6667	0.3333	0.6866	0.3333	0.7578
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1066	0.1787	0.1068	0.0073	0.9257
day1%	0.7133	0.2867	0.6979	0.2445	0.4841
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7347	0.2653	0.6193	0.2384	0.8205
defect	0.8056	0.1944	0.6530	0.3054	0.7511
dementia	0.9300	0.0700	0.9338	0.8590	0.2514
deposit	0.8691	0.1309	0.6710	0.3415	0.6948
depressed	0.7762	0.2238	0.5858	0.1713	0.7977
dermatology	0.9189	0.0270	0.9131	0.8985	0.0722
desharnais	0.6250	0.2500	0.4037	0.2727	0.4605
dexter	0.5167	0.4833	0.5349	0.0333	0.7615
df_final	0.5625	0.2917	0.6143	0.3086	0.4783
DIA	0.8833	0.1167	0.8370	0.6667	0.5049
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k	0.9099	0.0901	0.6703	0.3328	0.6394
diabetes-risk	0.8724	0.1276	0.8035	0.6068	0.6008
diabetic	0.4528	0.3648	0.3590	0.0461	0.8058
diabetic1%	0.4412	0.3725	0.3416	0.0498	0.8113
diabetic10%	0.4361	0.3759	0.3305	0.0078	0.8181
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.8712	0.8369	0.1763
diamonds_all	0.6225	0.1510	0.5951	0.4710	0.4908
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9962	0.0038	0.4990	-0.0015	0.5201
dna1%	0.9955	0.0045	0.5081	0.0155	0.5433
dna10%	0.9797	0.0068	0.5304	0.0504	0.4612
dorothea	0.8261	0.1739	0.5354	0.0703	0.7132
dota2	0.5178	0.4822	0.5160	0.0320	0.9897
dota210%	0.5223	0.4777	0.5203	0.0406	0.9870
drebin	0.9847	0.0153	0.9836	0.9671	0.1087
dropout	0.6591	0.2272	0.5676	0.4257	0.6058

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.2713	0.2082	0.1495	-0.0006	0.8591
drug-02	0.4043	0.1702	0.2122	0.1175	0.8179
drug-03	0.5638	0.1246	0.1493	0.0768	0.6552
drug-04	0.3723	0.1793	0.2023	0.1073	0.8221
drug-05	0.5372	0.1322	0.1239	-0.0463	0.7772
drug-06	0.3032	0.1991	0.2535	0.1649	0.7541
drug-07	0.2979	0.2006	0.1122	-0.0778	0.7315
drug-08	0.4043	0.1702	0.2015	0.1052	0.8300
drug-09	0.7926	0.0593	0.1779	0.0953	0.6280
drug-10	0.4149	0.1672	0.1473	0.0728	0.7445
drug-11	0.7553	0.0699	0.1457	-0.0043	0.7645
drug-12	0.6489	0.1003	0.2320	0.0687	0.7557
drug-13	0.5000	0.1429	0.1723	0.1790	0.8201
drug-14	0.4840	0.1474	0.2543	0.1797	0.7322
drug-15	0.6436	0.1018	0.1764	0.1523	0.7572
drug-16	0.4840	0.1474	0.2202	0.2033	0.6401
drug-17	0.2606	0.2112	0.1835	0.0673	0.8363
drug-18	0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19	0.6543	0.0988	0.1798	0.1444	0.7843
drybean	0.9111	0.0254	0.9260	0.8925	0.1438
ecoli	0.8529	0.0368	0.5261	0.7942	0.1017
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU	0.8182	0.1818	0.5816	0.1538	0.6675
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2300	0.3850	0.2342	-0.0253	0.8623
eeg	0.3709	0.0786	0.3838	0.3049	0.7262
eeg-eye	0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%	0.2741	0.0907	0.2770	0.1974	0.7449
email_phishing	0.9858	0.0142	0.6956	0.3864	0.5273
eucalyptus	0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid	0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq	0.9547	0.0453	0.9560	0.9094	0.2231
exon.vs.intron-freq10%	0.8884	0.1116	0.8972	0.7786	0.3787
fakenews	0.5125	0.4875	0.5126	0.0252	0.9925
farm-ads	0.7536	0.2464	0.7797	0.5176	0.6133
fbis-wc	0.6179	0.0450	0.6056	0.5724	0.3828
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5098	0.4902	0.5031	0.0062	0.9949
financial-risk	0.6255	0.1248	0.4082	0.4052	0.5015
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.6000	0.1000	0.4483	0.4953	0.2309
fonts	0.7611	0.0031	0.6013	0.7502	0.3362
fonts10%	0.5283	0.0062	0.2723	0.5061	0.6044
forest	0.9038	0.0481	0.9003	0.8672	0.1365
gas	0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal	0.6875	0.2083	0.6898	0.5031	0.5143
gender	0.5095	0.3270	0.3952	0.0863	0.7629
gene	0.7445	0.1703	0.7437	0.6039	0.5048
german	0.6500	0.3500	0.6030	0.2045	0.8963
gestures	0.6498	0.1751	0.6753	0.5333	0.4580
gina	0.8098	0.1902	0.8122	0.6184	0.6255
gisette	0.9286	0.0714	0.9289	0.8571	0.3386
glass	0.7619	0.0794	0.8224	0.6779	0.2764
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.7262	0.2738	0.7142	0.4250	0.7863
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.6000	0.2000	0.5875	0.4611	0.4564
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.6667	0.3333	0.6067	0.2105	0.8514
hapt	0.9588	0.0069	0.8216	0.9513	0.0402
har	0.9954	0.0018	0.9950	0.9942	0.0137
har70	0.9144	0.0245	0.6567	0.8750	0.3279
har701%	0.8850	0.0329	0.5782	0.8338	0.3241
har7010%	0.9037	0.0275	0.6041	0.8592	0.3439
harth	0.8787	0.0202	0.6520	0.8357	0.2443
harth1%	0.8489	0.0252	0.5922	0.7951	0.2675
harth10%	0.8667	0.0222	0.6294	0.8194	0.2609
hayes-roth	0.6875	0.2083	0.7253	0.5000	0.4011
hcc-survival	0.8824	0.1176	0.8786	0.7571	0.4880
health-activity	0.6700	0.1650	0.2756	0.0523	0.5663
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8000	0.2000	0.8001	0.5946	0.6479
heart-failure	0.9700	0.0300	0.9651	0.9293	0.1667
heart-quantum	0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.8022	0.1978	0.8023	0.6043	0.6596
hepmass1%	0.7733	0.2267	0.7734	0.5467	0.7119
hepmass10%	0.7872	0.2128	0.7872	0.5744	0.6877
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.6643	0.3329	0.6619	0.3369	0.8622
higgs0.1%	0.5527	0.4473	0.5500	0.1000	0.9670
higgs1%	0.5915	0.4085	0.5888	0.1774	0.9368
higgs10%	0.6213	0.3787	0.6193	0.2385	0.9098
higher	0.2143	0.1964	0.1652	0.0610	0.4072
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.6250	0.3750	0.6335	0.2587	0.8788
hiv1-proteasa	0.8347	0.1653	0.7283	0.4539	0.6973
hiva	0.9456	0.0544	0.5276	0.0531	0.6308
horse	0.5556	0.2963	0.3923	0.1504	0.6733
hotel-reservartions	0.8539	0.1461	0.8339	0.6678	0.5807
hr	0.7474	0.2526	0.4874	-0.0252	0.7820
ht-sensor	1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%	0.9999	0.0001	0.9999	0.9998	0.0007
htru2	0.9709	0.0290	0.9109	0.8216	0.3278
hypothyroid	0.9310	0.0345	0.5292	0.5252	0.3050
hypothyroidT	0.9443	0.0557	0.7832	0.5590	0.5058
ilpd	0.6949	0.3051	0.6020	0.2003	0.8649
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9640	0.0180	0.9641	0.9520	0.0782
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8793	0.0093	0.8811	0.8745	0.1008

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.7658	0.2342	0.6326	0.2651	0.7914
jvowels	0.9970	0.0007	0.9970	0.9966	0.0056
kc1	0.8626	0.1374	0.7053	0.3973	0.6561
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.5714	0.0357	0.0370	0.2696	0.0285
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.6769	0.3514	0.7685
kdc-4007	0.2743	0.1814	0.3488	0.1524	0.4160
kddcup98	0.8820	0.0913	0.4845	-0.0165	0.6372
kddcup981%	0.9579	0.0421	0.7439	0.3214	0.1201
kddcup9810%	0.9215	0.0785	0.5064	0.0121	0.6660
kddcup99	0.9989	0.0000	0.6476	1.0000	0.0032
kddcup991%	0.9988	0.0001	0.5457	0.9979	0.0014
kddcup9910%	0.9994	0.0000	0.7292	0.9990	0.0303
kepler	0.8285	0.1144	0.7707	0.7190	0.3059
kidney	0.6402	0.1439	0.1787	-0.0237	0.7985
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.5640	0.0484	0.5531	0.5128	0.4682
krvskp	0.9060	0.0940	0.9057	0.8114	0.4146
la1s-wc	0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc	0.4238	0.1921	0.4498	0.2935	0.5326
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.5882	0.0206	0.3317	0.5677	0.0757
led24	0.5500	0.0900	0.5114	0.4930	0.2136
lenses	0.3333	0.4444	0.2222	0.0000	0.3451
letter	0.9610	0.0030	0.9605	0.9594	0.0464
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8611	0.0185	0.8750	0.8509	0.0672
linkage	1.0000	0.0000	0.9989	0.9978	0.0076
linkage1%	0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%	1.0000	0.0000	0.9976	0.9952	0.0209
liver	0.6765	0.3235	0.6780	0.3392	0.7960
loan	0.8665	0.1335	0.8574	0.7148	0.5346
localization	0.7349	0.0482	0.5411	0.6693	0.5292
localization10%	0.6845	0.0574	0.4610	0.6023	0.5383
lrs	0.8302	0.0340	0.4915	0.7664	0.1458
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8500	0.0600	0.6795	0.6703	0.2274
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6582	0.3077	0.8482
lymphography	0.5714	0.2143	0.5244	0.2500	0.3338
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8904	0.7809	0.4568
madelon	0.5577	0.4423	0.5578	0.1154	0.9617
magic04	0.8311	0.1689	0.8116	0.6216	0.6175
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7188	0.2812	0.7192	0.4375	0.7936
marketing	0.8705	0.1295	0.7521	0.5034	0.6558
maternal	0.8614	0.0924	0.8645	0.7898	0.3273
math	0.4750	0.2625	0.3788	0.2060	0.7167
mba	0.7613	0.1591	0.3764	0.1440	0.6095
mental-disorders	0.7500	0.1250	0.7703	0.6667	0.2246
mental-health	0.1833	0.3267	0.1835	-0.0219	0.8858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6174	0.3826	0.6108	0.2215	0.9143
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac	0.9700	0.0060	0.9713	0.9667	0.0315
mfeat-fou	0.8300	0.0340	0.8316	0.8111	0.1279
mfeat-kar	0.9550	0.0090	0.9561	0.9500	0.0565
mfeat-mor	0.6900	0.0620	0.6919	0.6556	0.2284
mfeat-pix	0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-zer	0.8300	0.0340	0.8347	0.8111	0.1057
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5000	0.2000	0.4841	0.3717	0.4872
mobile	0.5874	0.0147	0.6058	0.5799	0.1857
monks-1	0.7818	0.2182	0.7842	0.5623	0.6791
monks-2	0.8197	0.1803	0.7982	0.5960	0.6483
monks-3	0.6607	0.3393	0.6599	0.3179	0.8648
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3417	0.1197	0.3995	0.2276	0.6659
musk	0.9394	0.0606	0.8823	0.7643	0.4240
MUT_ci300400a_cdk_ECFP2	0.7710	0.2290	0.7669	0.5331	0.7191
MUT_ci300400a_cdk_ECFP4	0.7713	0.2287	0.7657	0.5312	0.7209
MUT_ci300400a_cdk_ECFP6	0.7557	0.2443	0.7491	0.4983	0.7466
MUT_ci300400a_cdk_ESTATE	0.7638	0.2362	0.7568	0.5137	0.7340
MUT_ci300400a_cdk_EXTENDED	0.8489	0.1511	0.8448	0.6896	0.5697
MUT_ci300400a_cdk_FCFP2	0.7713	0.2287	0.7671	0.5335	0.7187
MUT_ci300400a_cdk_FCFP4	0.7530	0.2470	0.7476	0.4950	0.7494
MUT_ci300400a_cdk_FCFP6	0.7710	0.2290	0.7704	0.5376	0.7108
MUT_ci300400a_cdk_MACCS	0.8165	0.1835	0.8108	0.6214	0.6382
MUT_ci300400a_cdk_PUBCHEM	0.8335	0.1665	0.8280	0.6557	0.6020
MUT_ci300400a_cdk_STANDARD	0.8467	0.1533	0.8417	0.6831	0.5728
MUT_ci300400a_rdkit_descriptors	0.8471	0.1529	0.8432	0.6862	0.5709
myocardial	0.8765	0.0309	0.3903	0.4723	0.4002
naticusdroid	0.9628	0.0372	0.9628	0.9257	0.2136
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA	0.9488	0.0054	0.7677	0.8668	0.6139
ncRNA1%	0.8829	0.0123	0.4744	0.6965	0.9843
ncRNA10%	0.9198	0.0084	0.6281	0.7910	0.8350
neo	0.8905	0.1095	0.6906	0.3812	0.6669
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.4160	0.0265	0.4714	0.3973	0.4102
newspop	0.5805	0.4195	0.5803	0.1603	0.9435
NHANES_age_prediction	0.9163	0.0837	0.8327	0.6595	0.4812
nomao	0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits	0.4583	0.3611	0.3833	0.1074	0.7842
nursery	0.9568	0.0173	0.7286	0.9366	0.0974
obesity	0.8341	0.0474	0.8313	0.8063	0.2124
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9918	0.9836	0.0668
Occupancy_Estimation	0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc	0.3861	0.1228	0.4111	0.2754	0.4704
oh10-wc	0.2381	0.1524	0.3316	0.1731	0.4946
oh15-wc	0.2391	0.1522	0.2943	0.1396	0.4861
oh5-wc	0.2527	0.1495	0.3176	0.1780	0.4568

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.2966	0.1407	0.3191	0.2128	0.6721
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.8360	0.1640	0.5990	0.1909	0.6788
opn310k10%	0.8322	0.1678	0.5964	0.1836	0.6686
opnat310k-hg16-17	0.8376	0.1624	0.6043	0.2010	0.6780
optdigits	0.9733	0.0053	0.9746	0.9703	0.0398
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr	0.9565	0.0435	0.5776	0.1349	0.5847
ozone8hr	0.8933	0.1067	0.5644	0.1261	0.6936
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7629	0.2371	0.7359	0.4718	0.7516
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants	0.9949	0.0051	0.6944	0.3821	0.5030
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.9726	0.0110	0.8369	0.8428	0.1966
parkinson	0.9250	0.0750	0.9237	0.8462	0.3614
parkinsons	0.6398	0.3602	0.6252	0.2495	0.8884
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.8614	0.1386	0.8292	0.6583	0.5839
particle10%	0.8638	0.1362	0.8334	0.6665	0.5782
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9279	0.0721	0.7306	0.4612	0.6104
pcmac	0.5722	0.4278	0.5187	0.0268	0.8814
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia	0.7353	0.0756	0.6727	0.6648	0.1654
pendigits	0.9927	0.0015	0.9927	0.9919	0.0136
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.1111	0.8889	0.1000	-0.5000	0.9422
persistency	0.6880	0.3120	0.6544	0.3020	0.8426
personalities	0.9592	0.0051	0.9593	0.9564	0.0711
pet-adoption	0.8050	0.1950	0.7804	0.5607	0.6824
phishing	0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL	0.9968	0.0032	0.9967	0.9934	0.0294
PhiUSIIL10%	0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc	0.9901	0.0015	0.9924	0.9990	0.0101
phone-acc0.1%	0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%	0.7913	0.0596	0.7812	0.7561	0.2420
phone-acc10%	0.8489	0.0432	0.8404	0.8234	0.1806
phone-gyr	0.9414	0.0167	0.9369	0.9315	0.0884
phone-gyr0.1%	0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%	0.8188	0.0518	0.8082	0.7881	0.2306
phone-gyr10%	0.8886	0.0318	0.8813	0.8698	0.1517
phoneme	0.9148	0.0852	0.8930	0.7843	0.4091
phy	0.6400	0.3600	0.6400	0.2800	0.8906
pima	0.6842	0.3158	0.6560	0.2808	0.7925
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.6990	0.3010	0.6890	0.3775	0.8275
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker	0.5016	0.0997	0.2368	0.1224	0.7274
poker1%	0.4527	0.1095	0.2057	0.0442	0.7182
poker10%	0.4629	0.1074	0.2088	0.0546	0.7083
polish-1st	0.9331	0.0669	0.5033	0.0066	0.6332
polish-2nd	0.9204	0.0796	0.5139	0.0276	0.6061
polish-3rd	0.9210	0.0790	0.5029	0.0057	0.6570

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9133	0.0867	0.5645	0.1290	0.6535
polish-5th	0.9069	0.0931	0.6185	0.2362	0.6682
polya	0.7232	0.2768	0.6969	0.3937	0.8060
popularity	0.5453	0.3032	0.3909	0.1028	0.7491
post-operative	0.2222	0.5185	0.1667	-0.4000	0.4767
postures	0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7230	0.4412	0.7804
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2727	0.0661	0.1284	0.1935	0.2746
processed	0.9099	0.0901	0.8965	0.7930	0.4302
profb	0.6418	0.3582	0.6130	0.2239	0.8794
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%	0.9819	0.0072	0.9689	0.9757	0.0493
pufs-128	0.5050	0.4978	0.5009	-0.0034	0.9970
pufs-1281%	0.4967	0.5033	0.4967	-0.0067	1.0000
pufs-12810%	0.4976	0.5024	0.4976	-0.0048	1.0000
pufs-64	0.5026	0.4974	0.5026	0.0052	0.9985
pufs-641%	0.5083	0.4917	0.5083	0.0167	0.9953
pufs-6410%	0.5061	0.4939	0.5061	0.0122	0.9965
pulsar	0.9713	0.0287	0.9159	0.8316	0.3521
raisin	0.8556	0.1444	0.8563	0.7111	0.5413
rcv1	0.2404	0.0426	0.0177	-0.0103	0.2847
rcv11%	0.4056	0.0224	0.1564	0.2553	0.3790
rcv110%	0.5560	0.0168	0.3022	0.4811	0.5852
re0-wc	0.6133	0.0595	0.5859	0.5065	0.4841
re1-wc	0.5181	0.0386	0.4769	0.4426	0.3909
rejafada	0.9548	0.0452	0.6889	0.3766	0.5971
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.6277	0.0115	0.2558	0.4256	0.3725
rice	0.9813	0.0187	0.9811	0.9622	0.1244
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5617	0.4383	0.5524	0.1044	0.9541
RT_IOT2022	0.9981	0.0003	0.9764	0.9951	0.0037
satimage	0.9098	0.0301	0.8990	0.8890	0.1551
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9393	0.0607	0.8366	0.6730	0.5142
scadi	0.7143	0.0816	0.3896	0.6111	0.0825
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	0.8519	0.1481	0.8708	0.7097	0.4011
secom	0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9494	0.9342	0.0732
segmentation	0.8218	0.1782	0.8100	0.6186	0.6382
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.8953	0.1047	0.5630	0.1260	0.6775
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.7895	0.2105	0.5147	0.0294	0.7847
sens-10-gram	0.8058	0.1942	0.5518	0.1029	0.7773
sens-2-gram	0.8079	0.1921	0.5688	0.1374	0.7671
sens-3-gram	0.8000	0.2000	0.5549	0.1097	0.7712
sens-4-gram	0.7447	0.2553	0.5477	0.0912	0.7360
sens-5-gram	0.7553	0.2447	0.4945	-0.0109	0.7713
sens-6-gram	0.7789	0.2211	0.5617	0.1221	0.7555

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.7632	0.2368	0.5374	0.0737	0.7570
sens-8-gram	0.7789	0.2211	0.5546	0.1084	0.7595
sens-9-gram	0.7737	0.2263	0.5512	0.1012	0.7576
sensorless	0.8304	0.0308	0.8312	0.8135	0.1901
sepsis	0.8531	0.1469	0.5225	0.0447	0.7267
shoppers	0.8483	0.1517	0.6934	0.3852	0.7031
shuttle	0.9993	0.0002	0.9040	0.9981	0.1298
sick	0.9469	0.0530	0.7550	0.4968	0.5125
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin	0.9998	0.0002	0.9996	0.9993	0.0038
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.8080	0.1920	0.8082	0.6152	0.6451
smart-farming	0.1400	0.4300	0.1412	-0.1461	0.9004
smk_can_187	0.6842	0.3158	0.6833	0.3667	0.8414
smoking	0.7913	0.2087	0.7747	0.5493	0.6969
soil_pollution	0.1933	0.3227	0.1923	-0.0087	0.8772
solar-flare	0.7338	0.0887	0.6274	0.6614	0.2776
sonar	0.8000	0.2000	0.8276	0.6000	0.4308
soybean	0.9559	0.0046	0.9835	0.9516	0.0339
spam-detection	0.9430	0.0570	0.8303	0.6605	0.5119
spambase	0.8935	0.1065	0.8885	0.7770	0.4601
spect	0.6667	0.3333	0.5452	0.0899	0.8578
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.4340	0.0236	0.2139	0.4038	0.1407
splice-EI	0.8612	0.1388	0.8322	0.6577	0.5855
splice-IE	0.8391	0.1609	0.7917	0.5798	0.6479
sport-articles	0.8200	0.1800	0.8069	0.6139	0.6416
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.4000	0.4000	0.2222	-0.0714	0.4316
startup	0.7634	0.2366	0.7356	0.4688	0.7453
steel_industry	0.8596	0.0936	0.8247	0.7717	0.3020
steel-b	0.8462	0.1538	0.7769	0.5528	0.6568
steel-d	0.9846	0.0154	0.8820	0.7613	0.4382
steel-k	0.9897	0.0103	0.9843	0.9685	0.1057
steel-o	0.8154	0.1846	0.7943	0.5879	0.6550
steel-p	0.9385	0.0615	0.7734	0.5390	0.5226
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9192	0.8247	0.4176
stellar	0.8939	0.0707	0.8793	0.8087	0.2974
stock	0.8681	0.1319	0.7467	0.4016	0.4178
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.7680	0.2320	0.7653	0.5305	0.7234
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5150	0.1940	0.3614	0.2416	0.6667
student-depression	0.6864	0.3136	0.6730	0.3448	0.8437
student-habits	0.3300	0.2680	0.2519	0.0834	0.8069
student-weekend	0.2462	0.3015	0.1914	-0.0189	0.8193
student-workday	0.6562	0.1375	0.2180	0.1549	0.4716
studentap	0.4615	0.3590	0.4388	0.1875	0.5596
susy	0.7183	0.2817	0.7157	0.4313	0.7980
susy1%	0.7092	0.2908	0.7061	0.4114	0.8095
susy10%	0.7152	0.2848	0.7124	0.4247	0.8022
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5333	0.3000	0.5691
telco-churn	0.8224	0.1776	0.7649	0.5280	0.6736
texture	0.9800	0.0036	0.9810	0.9779	0.0290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.9771	0.0229	0.9768	0.9531	0.1496
thoracic	0.5957	0.4043	0.3733	-0.2317	0.7381
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7292	0.2708	0.4217	-0.0443	0.7051
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.7682	0.2318	0.7239	0.4430	0.7446
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f	0.6471	0.3529	0.6136	0.2273	0.8920
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.5467	0.4533	0.4408	-0.1155	0.8918
trec11-wc	0.3659	0.1409	0.4942	0.3046	0.3069
trec12-wc	0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc	0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc	0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc	0.6022	0.1137	0.4442	0.4655	0.3375
trec41-wc	0.4886	0.1023	0.5556	0.4198	0.3356
trec45-wc	0.4203	0.1159	0.4711	0.2741	0.3280
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.6750	0.1625	0.6783	0.5667	0.3341
tvnews	0.9437	0.0563	0.9391	0.8768	0.2763
tvnews1%	0.8846	0.1154	0.8748	0.7468	0.4714
tvnews10%	0.8651	0.1349	0.8541	0.7079	0.5394
ur3_cobotops_grip	0.9673	0.0327	0.7310	0.4614	0.5554
ur3_cobotops_stop	0.9701	0.0299	0.7735	0.5446	0.5073
urban	0.6716	0.0730	0.6936	0.6184	0.2914
urinalysis	0.9161	0.0839	0.5508	0.0997	0.6664
url-rep1%	0.7320	0.2645	0.7061	0.2622	0.4876
ustilago	0.9199	0.0721	0.5424	0.0466	0.2406
ustilago1%	0.9560	0.0440	0.4888	-0.0154	0.3202
ustilago10%	0.9409	0.0591	0.5254	0.0295	0.2890
vehicle	0.7262	0.1369	0.6661	0.6291	0.2324
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17	0.9068	0.0932	0.6337	0.2250	0.5956
wap-wc	0.3846	0.0615	0.2776	0.3190	0.3477
warpar10p	0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.9429	0.0163	0.9423	0.9332	0.0922
watch-acc1%	0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%	0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr	0.9095	0.0258	0.9086	0.8943	0.1376
watch-gyr1%	0.7380	0.0749	0.7369	0.6941	0.3240
watch-gyr10%	0.8311	0.0483	0.8300	0.8027	0.2263
water_pollution	0.2533	0.3733	0.2534	0.0036	0.8633
waveform	0.6660	0.2227	0.6669	0.4987	0.5918
weather-related	0.9712	0.0052	0.9738	0.9673	0.0480
web-phishing	0.8667	0.0889	0.8055	0.7656	0.4041
Weekly	0.8704	0.1296	0.8685	0.7364	0.5111
weight-lift	0.9934	0.0027	0.9931	0.9916	0.0203
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9689	0.0311	0.8324	0.6645	0.4687
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white	0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg	0.9984	0.0004	0.9970	0.9980	0.0075
winnipeg10%	0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5203	0.0959	0.3344	0.3881	0.4601
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9324	0.0676	0.4825	-0.0292	0.6521
zip	0.9591	0.0082	0.9546	0.9542	0.0668

Table 250: Detailed results for ALSLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1494	0.0810	0.1079	0.0599	0.5361
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9146	0.0854	0.8049	0.5250	0.2082
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8873	0.1127	0.8401	0.6734	0.4986
air_pollution	0.4000	0.1714	0.0820	-0.0043	0.3978
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7619	0.0952	0.2688	0.3821	0.1895
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8791	0.1209	0.8666	0.7222	0.4472
anneal	0.9326	0.0270	0.7329	0.8527	0.1430
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.9777	0.0111	0.9413	0.9574	0.0514
anuran-genus	0.9833	0.0042	0.9235	0.9725	0.0683
anuran-species	0.9875	0.0025	0.9776	0.9826	0.0149
anxiety	0.1167	0.1963	0.1210	0.0048	0.8179
apple-quality	0.8900	0.1100	0.8903	0.7800	0.4572
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia	0.6889	0.0479	0.3051	0.4140	0.1694
auction	0.9118	0.0882	0.7695	0.4848	0.4195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.7727	0.0413	0.7512	0.7222	0.1147
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6500	0.1167	0.4265	0.5139	0.2098
avila	0.5252	0.0791	0.5732	0.3223	0.3128
babies	0.4758	0.1498	0.1883	0.1796	0.5012
balance	0.9032	0.0645	0.6228	0.8178	0.1771
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9171	0.0829	0.9110	0.8132	0.3162
basehock	0.9497	0.0503	0.9498	0.8995	0.2653
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8857	0.1143	0.8803	0.7600	0.4858
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.8182	0.0606	0.7407	0.7800	0.0723
bridges	0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8678	0.0661	0.4318	0.7068	0.1831
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.7934	0.0413	0.7639	0.7496	0.2033
cardiotocography-nsp	0.9061	0.0626	0.8274	0.7202	0.2482
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6505	0.5360	0.5308
cas_N6512_cdk_ECFP2	0.6283	0.3717	0.6262	0.2268	0.8444
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.7071	0.2929	0.7044	0.4032	0.8010
cas_N6512_rdkit_AVALON	0.7542	0.2458	0.7522	0.5040	0.7441
cas_N6512_RDkit_Avalon_FP	0.7485	0.2515	0.7472	0.4944	0.7534
cas_N6512_rdkit_descriptors	0.7646	0.2354	0.7654	0.5292	0.7227
cas_N6512_rdkit_FEATMORGAN	0.6743	0.3257	0.6760	0.3254	0.7929
cas_N6512_RDkit_Featmorgan_FP	0.7132	0.2868	0.7171	0.4080	0.7403
cas_N6512_RDkit_FP	0.7423	0.2577	0.7403	0.4804	0.7628
cas_N6512_rdkit_LAYERED	0.7585	0.2415	0.7567	0.5132	0.7378
cas_N6512_RDkit_Layered_FP	0.7347	0.2653	0.7323	0.4617	0.7684
cas_N6512_rdkit_MACCS	0.7481	0.2519	0.7462	0.4873	0.7417
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.7108	0.2892	0.7132	0.4039	0.7539
cas_N6512_RDkit_morgan_FP	0.6979	0.3021	0.6981	0.3785	0.7840

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7400	0.2600	0.7389	0.4778	0.7659
cas_N6512_RDkit_pattern_FP	0.7316	0.2684	0.7302	0.4604	0.7787
cas_N6512_rdkit_RDKITFP	0.7680	0.2320	0.7662	0.5314	0.7200
cas_N6512_rdkit_TORSION	0.6923	0.3077	0.6890	0.3750	0.8266
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7876	0.2124	0.7595	0.4919	0.6405
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9479	0.0521	0.7005	0.2688	0.3106
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8490	0.1510	0.7374	0.4426	0.5950
churn-bigml	0.8989	0.1011	0.7691	0.4480	0.3356
ci900367j_MACCS	0.7053	0.2947	0.6730	0.3062	0.7515
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6667	0.2222	0.4428	0.3288	0.4656
cjs	0.9643	0.0119	0.9546	0.9564	0.0588
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7880	0.1060	0.5453	0.6482	0.2146
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5238	0.3175	0.5005	0.2435	0.7137
cnae-9	0.8704	0.0288	0.8836	0.8542	0.1296
codon_usage	0.9233	0.0140	0.7470	0.9063	0.1040
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.6000	0.0533	0.4755	0.5506	0.1776
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.8276	0.1724	0.8165	0.5672	0.3610
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7241	0.2759	0.7192	0.3862	0.6717
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7764	0.2236	0.7771	0.5531	0.7035
coupon	0.4314	0.5686	0.3014	0.0000	0.5291
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9637	0.0363	0.9196	0.8338	0.2303
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9000	0.0500	0.9083	0.8667	0.1217

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4375	0.0281	0.3132	0.4217	0.0809
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1667	0.2778	0.1685	-0.0037	0.8714
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.6481	0.3519	0.6313	0.2332	0.8267
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.5130	0.4870	0.5754	0.1113	0.7059
defect	0.8981	0.1019	0.7883	0.5120	0.3671
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.5000	0.0000	0.6840
df_final	0.6250	0.2500	0.4762	0.4000	0.4636
DIA	0.8167	0.1833	0.7441	0.3529	0.3484
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9333	0.0333	0.9000	0.9067	0.0654
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7788	0.1475	0.6985	0.6221	0.4204
drug-01	0.3617	0.1824	0.1427	0.0222	0.5845
drug-02	0.5319	0.1337	0.2543	0.1756	0.5484
drug-03	0.6915	0.0881	0.1854	0.1067	0.3292
drug-04	0.5213	0.1368	0.2289	0.1505	0.6111
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.4309	0.1626	0.2530	0.2781	0.5067
drug-07	0.4415	0.1596	0.1377	0.0667	0.4302
drug-08	0.5798	0.1201	0.2113	0.1945	0.4078
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5266	0.1353	0.1623	0.1222	0.5280
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6117	0.1109	0.1852	0.2245	0.3930
drug-14	0.5904	0.1170	0.2517	0.2565	0.4676
drug-15	0.7447	0.0729	0.1220	-0.0204	0.2917

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.6011	0.1140	0.2617	0.3227	0.4292
drug-17	0.3564	0.1839	0.1886	0.1141	0.6005
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0053	0.2842
drybean	0.9280	0.0206	0.9413	0.9129	0.1178
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2650	0.0140	0.8326
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.4826	0.5174	0.5920	0.0529	0.5918
eeg10%	0.4129	0.0734	0.3808	0.3469	0.5217
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6301	0.1479	0.5875	0.5093	0.3494
euthyroid	0.9241	0.0759	0.7485	0.3447	0.1870
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5400	0.4600	0.5398	0.0781	0.9676
farm-ads	0.7464	0.2536	0.7757	0.4729	0.5051
fbis-wc	0.6911	0.0363	0.4991	0.6379	0.1769
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6667	0.3333	0.6632	0.3025	0.8114
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.6875	0.2083	0.5133	0.4737	0.3707
gender	0.5958	0.2695	0.3742	0.1223	0.5106
gene	0.9306	0.0463	0.9225	0.8886	0.2107
german	0.7400	0.2600	0.7017	0.3418	0.6583
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9308	0.0692	0.9309	0.8616	0.3338
gisette	0.9614	0.0386	0.9614	0.9229	0.2197
glass	0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2	0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.4667	0.2667	0.3787	0.2500	0.4753
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.9343	0.0263	0.9315	0.9167	0.1204
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8376	0.0464	0.5035	0.7666	0.1619
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.5000	0.3333	0.5721	0.1950	0.5024
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.9500	0.0500	0.9415	0.8825	0.2748
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.5500	0.4500	0.5866	0.1319	0.8212
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0625	0.0253	0.3029
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.8938	0.1062	0.7909	0.5203	0.3765
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6389	0.2407	0.5961	0.3362	0.4725
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9788	0.0212	0.9333	0.8627	0.1775
hypothyroid	0.9390	0.0305	0.5599	0.5370	0.1901
hypothyroidT	0.9523	0.0477	0.8080	0.5301	0.1339
ilpd	0.6949	0.3051	0.5145	0.0148	0.7591
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9397	0.0046	0.9407	0.9373	0.0557
jm1	0.8136	0.1864	0.6183	0.1197	0.5441
jvowels	0.9779	0.0049	0.9767	0.9750	0.0362
kc1	0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9053	0.0947	0.4751	-0.0491	0.6630
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3276	0.0747	0.2671	0.2186	0.4074
krvskp	0.9498	0.0502	0.9501	0.8996	0.2629
la1s-wc	0.6952	0.1016	0.6564	0.6102	0.3769
la2s-wc	0.6854	0.1049	0.6731	0.5886	0.3738
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6699	0.6609	0.0820

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.7000	0.0600	0.6445	0.6591	0.1145
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8889	0.0148	0.9083	0.8808	0.0504
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9508	0.0492	0.9475	0.8944	0.2588
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8491	0.0302	0.4388	0.7903	0.1006
lung	0.8571	0.0571	0.6724	0.6769	0.1268
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.5731	0.4269	0.5741	0.1462	0.9445
magic04	0.8690	0.1310	0.8557	0.6943	0.4506
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8327	0.6654	0.5984
marketing	0.8929	0.1071	0.7603	0.3901	0.2412
maternal	0.6436	0.2376	0.6483	0.4501	0.5235
math	0.7500	0.1250	0.5901	0.5935	0.2679
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2300	0.3080	0.2278	0.0356	0.8450
messidor	0.6783	0.3217	0.6735	0.3469	0.8499
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6667	0.1667	0.7556	0.5365	0.2739
meter-D	0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac	0.9850	0.0030	0.9854	0.9833	0.0188
mfeat-fou	0.8050	0.0390	0.8048	0.7833	0.1538
mfeat-kar	0.9750	0.0050	0.9758	0.9722	0.0316
mfeat-mor	0.7300	0.0540	0.7359	0.7000	0.1798
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8400	0.0320	0.8421	0.8222	0.0818
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9434	0.0377	0.9337	0.9131	0.1271
mines	0.4706	0.2118	0.4082	0.3369	0.4196
mobile	0.8427	0.0056	0.8392	0.8398	0.0707
monks-1	0.7818	0.2182	0.7822	0.5629	0.6930
monks-2	0.7869	0.2131	0.7728	0.4466	0.3968
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9975	0.0025	0.9975	0.9951	0.0207
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9394	0.0606	0.8768	0.7290	0.2385
MUT_ci300400a_cdk_ECFP2	0.5959	0.4041	0.6138	0.0376	0.5273

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP4	0.6371	0.3629	0.6615	0.1485	0.5140
MUT_ci300400a_cdk_ECFP6	0.6491	0.3509	0.6629	0.1865	0.5751
MUT_ci300400a_cdk_ESTATE	0.6703	0.3297	0.6608	0.2574	0.7237
MUT_ci300400a_cdk_EXTENDED	0.7734	0.2266	0.7643	0.5221	0.7024
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5959	0.4041	0.6258	0.0366	0.5040
MUT_ci300400a_cdk_FCFP6	0.6163	0.3837	0.6316	0.0951	0.5529
MUT_ci300400a_cdk_MACCS	0.7494	0.2506	0.7400	0.4616	0.7135
MUT_ci300400a_cdk_PUBCHEM	0.7641	0.2359	0.7587	0.4885	0.6573
MUT_ci300400a_cdk_STANDARD	0.7737	0.2263	0.7658	0.5159	0.6765
MUT_ci300400a_rdkit_descriptors	0.8271	0.1729	0.8227	0.6453	0.6153
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9692	0.0308	0.9405	0.8776	0.1837
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.3236	0.0099	0.5564
nursery	0.9267	0.0367	0.7049	0.8913	0.1111
obesity	0.8104	0.0542	0.8067	0.7787	0.1955
obs	0.8333	0.0833	0.8690	0.7489	0.2189
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9931	0.0035	0.9782	0.9790	0.0455
oh0-wc	0.7030	0.0594	0.6196	0.6501	0.2045
oh10-wc	0.6571	0.0686	0.6347	0.6029	0.2545
oh15-wc	0.5435	0.0913	0.5085	0.4596	0.2511
oh5-wc	0.6813	0.0637	0.6742	0.6322	0.2089
ohscal-wc	0.5349	0.0930	0.5788	0.4667	0.3232
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9804	0.0039	0.9819	0.9782	0.0272
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.7933	0.5812	0.6353
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9671	0.0132	0.8794	0.7967	0.1591
parkinson	0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons	0.7867	0.2133	0.7741	0.5481	0.7018
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8738	0.1262	0.8419	0.6834	0.5484
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5825	0.4175	0.5209	0.0041	0.5832
pcos	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pd	0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia	0.5882	0.1176	0.5347	0.4979	0.3729
pendigits	0.9900	0.0020	0.9902	0.9889	0.0179
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8076	0.1924	0.7909	0.5770	0.6503
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9250	0.0750	0.9142	0.8257	0.3447
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.6815	0.0910	0.6476	0.6269	0.3284
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.6669	0.0952	0.6363	0.6089	0.3143
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8463	0.1537	0.8090	0.6177	0.6162
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7368	0.2632	0.7191	0.4081	0.7142
pirvision	0.9902	0.0065	0.9823	0.9686	0.0533
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4234	0.1647	0.0850	0.0000	0.2041
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th	0.9306	0.0694	0.6122	0.1119	0.4175
polya	0.7946	0.2054	0.7715	0.5401	0.6873
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4242	0.0886	0.2917	0.3503	0.2520
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7164	0.2836	0.6459	0.2427	0.7434
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9590	0.0164	0.9436	0.9447	0.0739
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5000	0.5000	0.5002	0.0004	0.9559
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.6467	0.0544	0.3135	0.4710	0.2370
re1-wc	0.5181	0.0386	0.1812	0.4023	0.2605
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rocket	0.6517	0.3483	0.6302	0.2566	0.8819
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8834	0.0389	0.8644	0.8554	0.1706
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9425	0.0575	0.8208	0.5984	0.2997
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9265	0.9038	0.0892
segmentation	0.8663	0.1337	0.8526	0.7041	0.5341
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8824	0.1176	0.7348	0.4040	0.4834
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9469	0.0530	0.7342	0.3563	0.2944
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9931	0.0069	0.9897	0.9792	0.0974
smarket	0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming	0.1400	0.4300	0.1374	-0.1510	0.8867
smk_can_187	0.7895	0.2105	0.7933	0.5730	0.6420
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1867	0.3253	0.1890	-0.0188	0.8685
solar-flare	0.7626	0.0791	0.6174	0.6949	0.1847
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9559	0.0046	0.9202	0.9515	0.0186
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9109	0.0891	0.9065	0.8106	0.3857
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.5192	0.0356	0.3926	0.4868	0.1520
splice-EI	0.9685	0.0315	0.9579	0.9157	0.2138
splice-IE	0.9211	0.0789	0.8868	0.7678	0.3777
sport-articles	0.8700	0.1300	0.8614	0.7227	0.5296
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	0.9785	0.0215	0.9767	0.9524	0.0972
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8667	0.1333	0.7841	0.5591	0.5867
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8051	0.1949	0.7787	0.5494	0.6556
steel-p	0.9179	0.0821	0.6255	0.1729	0.5109
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8958	0.1042	0.8069	0.5931	0.4811
stockb	0.9295	0.0470	0.9309	0.8943	0.1417
streaming	0.9020	0.0980	0.9012	0.8023	0.4289
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4700	0.2120	0.3128	0.1607	0.4388
student-weekend	0.4000	0.2400	0.2705	0.1453	0.5817
student-workday	0.7031	0.1187	0.2261	0.0515	0.2877
studentap	0.6154	0.2564	0.4602	0.3750	0.3282
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9909	0.0017	0.9914	0.9900	0.0144
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7910	0.2090	0.6996	0.2121	0.3699
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc	0.3902	0.1355	0.1796	0.1299	0.3089
trec12-wc	0.3226	0.1694	0.1560	0.0510	0.3512
trec21-wc	0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.6237	0.1254	0.4231	0.4507	0.3190
trec41-wc	0.5341	0.0932	0.2563	0.3967	0.2810
trec45-wc	0.4058	0.1188	0.3302	0.2861	0.3719
tuandromd	0.9798	0.0202	0.9696	0.9386	0.2027
turkish	0.8500	0.0750	0.8484	0.8000	0.1834
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%	0.8990	0.1010	0.8904	0.7794	0.4373
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9646	0.0354	0.6787	0.0690	0.1045
urban	0.8209	0.0398	0.8308	0.7894	0.1388
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7857	0.1071	0.7523	0.7110	0.2150
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5758	0.0771	0.6078	0.5333	0.2189
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wap-wc	0.7564	0.0244	0.5330	0.7218	0.1451
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.5563	0.1268	0.6218	0.4825	0.3784
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2500	0.3750	0.2499	0.0002	0.8589
waveform	0.8360	0.1093	0.8363	0.7540	0.3750
weather-related	0.9538	0.0084	0.9568	0.9476	0.0577
web-phishing	0.8296	0.1136	0.6602	0.6929	0.4685
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9793	0.0207	0.8795	0.7268	0.0704
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6226	0.1258	0.2923	0.3848	0.4306
winequality-white	0.5378	0.1320	0.2589	0.2705	0.4646
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7496	0.7322	0.0687
yeast	0.5473	0.0905	0.3386	0.4147	0.3801
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 251: Detailed results for ALSLSVC(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1687	0.0792	0.1275	0.0785	0.5151
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9146	0.0854	0.8049	0.5250	0.2082
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8873	0.1127	0.8401	0.6734	0.4986
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7810	0.0876	0.2863	0.4371	0.1825
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8791	0.1209	0.8666	0.7222	0.4472
anneal	0.9326	0.0270	0.7329	0.8527	0.1430
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.9777	0.0111	0.9413	0.9574	0.0514
anuran-genus	0.9847	0.0038	0.9351	0.9748	0.0606
anuran-species	0.9875	0.0025	0.9789	0.9826	0.0191
anxiety	0.1083	0.1981	0.1134	-0.0052	0.8124
apple-quality	0.8900	0.1100	0.8903	0.7800	0.4572
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia	0.6667	0.0513	0.2804	0.3584	0.1851
auction	0.9118	0.0882	0.7695	0.4848	0.4195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.7273	0.0496	0.7080	0.6667	0.1341
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7000	0.1000	0.5934	0.5862	0.2200
avila	0.6660	0.0557	0.6781	0.5235	0.2906
babies	0.4758	0.1498	0.1884	0.1793	0.4987
balance	0.8871	0.0753	0.6169	0.7901	0.3033
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9171	0.0829	0.9110	0.8132	0.3162
basehock	0.9497	0.0503	0.9498	0.8995	0.2653
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8857	0.1143	0.8803	0.7600	0.4858
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8908	0.0546	0.6572	0.7653	0.2716
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.7934	0.0413	0.7521	0.7488	0.1859
cardiotocography-nsp	0.8920	0.0720	0.8075	0.6811	0.2859
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5612	0.4432	0.5594
cas_N6512_cdk_ECFP2	0.6283	0.3717	0.6262	0.2268	0.8444
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.7071	0.2929	0.7044	0.4032	0.8010
cas_N6512_rdkit_AVALON	0.7542	0.2458	0.7522	0.5040	0.7441
cas_N6512_RDkit_Avalon_FP	0.7485	0.2515	0.7472	0.4944	0.7534
cas_N6512_rdkit_descriptors	0.7646	0.2354	0.7654	0.5292	0.7227
cas_N6512_rdkit_FEATMORGAN	0.6790	0.3210	0.6813	0.3348	0.7839
cas_N6512_RDkit_Featmorgan_FP	0.7132	0.2868	0.7171	0.4080	0.7403
cas_N6512_RDkit_FP	0.7423	0.2577	0.7403	0.4804	0.7628
cas_N6512_rdkit_LAYERED	0.7585	0.2415	0.7567	0.5132	0.7378
cas_N6512_RDkit_Layered_FP	0.7347	0.2653	0.7323	0.4617	0.7684
cas_N6512_rdkit_MACCS	0.7481	0.2519	0.7462	0.4873	0.7417
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.7108	0.2892	0.7132	0.4039	0.7539
cas_N6512_RDkit_morgan_FP	0.6979	0.3021	0.6981	0.3785	0.7840

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7400	0.2600	0.7389	0.4778	0.7659
cas_N6512_RDkit_pattern_FP	0.7316	0.2684	0.7302	0.4604	0.7787
cas_N6512_rdkit_RDKITFP	0.7680	0.2320	0.7662	0.5314	0.7200
cas_N6512_rdkit_TORSION	0.6923	0.3077	0.6890	0.3750	0.8266
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7876	0.2124	0.7595	0.4919	0.6405
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9479	0.0521	0.7005	0.2688	0.3106
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8490	0.1510	0.7374	0.4426	0.5950
churn-bigml	0.8989	0.1011	0.7691	0.4480	0.3356
ci900367j_MACCS	0.7053	0.2947	0.6730	0.3062	0.7515
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6667	0.2222	0.4428	0.3288	0.4656
cjs	0.9643	0.0119	0.9566	0.9563	0.0591
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8250	0.0875	0.5820	0.7202	0.2736
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5202	0.2772	0.7074
cnae-9	0.8148	0.0412	0.8437	0.7917	0.1599
codon_usage	0.9286	0.0130	0.7552	0.9130	0.1081
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.6000	0.0533	0.4849	0.5504	0.1830
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.8276	0.1724	0.8165	0.5672	0.3610
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7241	0.2759	0.7192	0.3862	0.6717
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7764	0.2236	0.7771	0.5531	0.7035
coupon	0.4314	0.5686	0.3014	0.0000	0.5291
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.9637	0.0363	0.9196	0.8338	0.2303
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9000	0.0500	0.9083	0.8667	0.1217

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4062	0.0297	0.2879	0.3896	0.0951
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.1620	-0.0117	0.8732
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.6481	0.3519	0.6313	0.2332	0.8267
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.5130	0.4870	0.5754	0.1113	0.7059
defect	0.8981	0.1019	0.7883	0.5120	0.3671
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.5000	0.0000	0.6840
df_final	0.6250	0.2500	0.4762	0.4000	0.4636
DIA	0.8167	0.1833	0.7441	0.3529	0.3484
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7698	0.1535	0.6879	0.6102	0.4377
drug-01	0.3883	0.1748	0.1512	0.0533	0.5361
drug-02	0.5319	0.1337	0.2660	0.1603	0.5932
drug-03	0.6755	0.0927	0.1320	0.0431	0.3400
drug-04	0.5319	0.1337	0.2119	0.1408	0.5605
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.4202	0.1657	0.2467	0.2632	0.5131
drug-07	0.4415	0.1596	0.1365	0.0645	0.4222
drug-08	0.5851	0.1185	0.2289	0.2024	0.4002
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5319	0.1337	0.1616	0.1165	0.4536
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5851	0.1185	0.1578	0.1815	0.4170
drug-14	0.5798	0.1201	0.2367	0.2275	0.4652
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.5904	0.1170	0.2563	0.3065	0.4426
drug-17	0.3670	0.1809	0.2118	0.1229	0.5353
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1877	0.0322	0.2818
drybean	0.9302	0.0199	0.9430	0.9156	0.1135
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2087	-0.0519	0.8802
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.4826	0.5174	0.5943	0.0532	0.5857
eeg10%	0.3993	0.0751	0.3614	0.3311	0.5445
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6712	0.1315	0.6549	0.5698	0.3571
euthyroid	0.9241	0.0759	0.7485	0.3447	0.1870
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5400	0.4600	0.5398	0.0781	0.9676
farm-ads	0.7464	0.2536	0.7757	0.4729	0.5051
fbis-wc	0.5854	0.0488	0.3286	0.5042	0.2286
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6667	0.3333	0.6632	0.3025	0.8114
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal	0.6875	0.2083	0.5133	0.4737	0.3707
gender	0.5958	0.2695	0.3750	0.1333	0.5148
gene	0.9306	0.0463	0.9230	0.8890	0.2150
german	0.7400	0.2600	0.7017	0.3418	0.6583
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.9308	0.0692	0.9309	0.8616	0.3338
gisette	0.9614	0.0386	0.9614	0.9229	0.2197
glass	0.7143	0.0952	0.5338	0.5786	0.2399
glass-g2	0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.4667	0.2667	0.3787	0.2500	0.4753
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.8235	0.0504	0.5036	0.7504	0.1540
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth1%	0.4493	0.0918	0.0517	0.0000	0.2692

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.5000	0.3333	0.5721	0.1950	0.5024
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.9500	0.0500	0.9415	0.8825	0.2748
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.5500	0.4500	0.5866	0.1319	0.8212
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.0536	0.0128	0.3112
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.8938	0.1062	0.7909	0.5203	0.3765
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.4206	0.2632	0.4986
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.9788	0.0212	0.9333	0.8627	0.1775
hypothyroid	0.9337	0.0332	0.5332	0.4786	0.2495
hypothyroidT	0.9523	0.0477	0.8080	0.5301	0.1339
ilpd	0.6949	0.3051	0.5145	0.0148	0.7591
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9409	0.0045	0.9420	0.9386	0.0557
jm1	0.8136	0.1864	0.6183	0.1197	0.5441
jvowels	0.9869	0.0029	0.9865	0.9852	0.0233
kc1	0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.6526	0.3474	0.5734	0.0684	0.3459
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.5383	0.0513	0.5312	0.4816	0.3942
krvskp	0.9498	0.0502	0.9501	0.8996	0.2629
la1s-wc	0.6254	0.1249	0.6232	0.5194	0.3917
la2s-wc	0.5894	0.1369	0.5139	0.4470	0.3781
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6471	0.0307	0.6640	0.6301	0.0979

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.6500	0.0700	0.6322	0.6056	0.1674
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0380	0.0740	0.0028	0.0000	0.4195
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8611	0.0185	0.8694	0.8509	0.0658
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9508	0.0492	0.9475	0.8944	0.2588
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8491	0.0302	0.4388	0.7903	0.1006
lung	0.8571	0.0571	0.6724	0.6769	0.1268
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.5731	0.4269	0.5741	0.1462	0.9445
magic04	0.8690	0.1310	0.8557	0.6943	0.4506
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8327	0.6654	0.5984
marketing	0.8929	0.1071	0.7603	0.3901	0.2412
maternal	0.6337	0.2442	0.6389	0.4353	0.5341
math	0.7500	0.1250	0.7154	0.5980	0.2877
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2433	0.3027	0.2427	0.0522	0.8349
messidor	0.6783	0.3217	0.6735	0.3469	0.8499
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.8003	0.6104	0.2026
meter-D	0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac	0.9800	0.0040	0.9805	0.9778	0.0249
mfeat-fou	0.8050	0.0390	0.8087	0.7833	0.1525
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7250	0.0550	0.7299	0.6944	0.1798
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8350	0.0330	0.8369	0.8167	0.0956
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9340	0.0440	0.9259	0.8987	0.1587
mines	0.5294	0.1882	0.4763	0.4113	0.3806
mobile	0.8566	0.0051	0.8660	0.8540	0.0674
monks-1	0.7818	0.2182	0.7822	0.5629	0.6930
monks-2	0.7869	0.2131	0.7728	0.4466	0.3968
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9975	0.0025	0.9975	0.9951	0.0207
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9394	0.0606	0.8768	0.7290	0.2385
MUT_ci300400a_cdk_ECFP2	0.5959	0.4041	0.6138	0.0376	0.5273

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP4	0.6371	0.3629	0.6615	0.1485	0.5140
MUT_ci300400a_cdk_ECFP6	0.6491	0.3509	0.6629	0.1865	0.5751
MUT_ci300400a_cdk_ESTATE	0.6703	0.3297	0.6608	0.2574	0.7237
MUT_ci300400a_cdk_EXTENDED	0.7734	0.2266	0.7643	0.5221	0.7024
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5959	0.4041	0.6258	0.0366	0.5040
MUT_ci300400a_cdk_FCFP6	0.6163	0.3837	0.6316	0.0951	0.5529
MUT_ci300400a_cdk_MACCS	0.7494	0.2506	0.7400	0.4616	0.7135
MUT_ci300400a_cdk_PUBCHEM	0.7641	0.2359	0.7587	0.4885	0.6573
MUT_ci300400a_cdk_STANDARD	0.7725	0.2275	0.7635	0.5169	0.6941
MUT_ci300400a_rdkit_descriptors	0.8271	0.1729	0.8227	0.6453	0.6153
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.9692	0.0308	0.9405	0.8776	0.1837
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.3236	0.0099	0.5564
nursery	0.9576	0.0212	0.8503	0.9372	0.0649
obesity	0.8626	0.0393	0.8582	0.8395	0.1617
obs	0.8148	0.0926	0.8427	0.7182	0.2462
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9921	0.0039	0.9753	0.9761	0.0689
oh0-wc	0.5446	0.0911	0.3156	0.4491	0.2639
oh10-wc	0.4857	0.1029	0.3382	0.3926	0.3219
oh15-wc	0.4130	0.1174	0.2982	0.2943	0.3036
oh5-wc	0.4396	0.1121	0.2650	0.3381	0.3141
ohscal-wc	0.5959	0.0808	0.6172	0.5401	0.3561
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9769	0.0046	0.9789	0.9743	0.0317
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.7933	0.5812	0.6353
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9671	0.0132	0.8703	0.7987	0.1595
parkinson	0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons	0.7867	0.2133	0.7741	0.5481	0.7018
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.8738	0.1262	0.8419	0.6834	0.5484
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5825	0.4175	0.5209	0.0041	0.5832
pcos	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pd	0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia	0.5294	0.1345	0.3716	0.4087	0.4037
pendigits	0.9909	0.0018	0.9910	0.9899	0.0162
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8076	0.1924	0.7909	0.5770	0.6503
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.9250	0.0750	0.9142	0.8257	0.3447
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.7343	0.0759	0.7031	0.6887	0.2657
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.7653	0.0671	0.7437	0.7248	0.2611
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.8463	0.1537	0.8090	0.6177	0.6162
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7368	0.2632	0.7191	0.4081	0.7142
pirvision	0.9935	0.0044	0.9885	0.9791	0.0254
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4254	0.1642	0.1426	0.0016	0.2237
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9449	0.0551	0.4858	-0.0039	0.3179
polish-5th	0.9289	0.0711	0.5982	0.1069	0.4629
polya	0.7946	0.2054	0.7715	0.5401	0.6873
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0839	0.3503	0.3825	0.2500
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7164	0.2836	0.6459	0.2427	0.7434
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9614	0.0155	0.9481	0.9480	0.0676
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5000	0.5000	0.5002	0.0004	0.9559
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.5600	0.0677	0.1951	0.3108	0.2627
re1-wc	0.3795	0.0496	0.0745	0.2109	0.3129
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rocket	0.6517	0.3483	0.6302	0.2566	0.8819
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8942	0.0353	0.8801	0.8690	0.1591
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9425	0.0575	0.8208	0.5984	0.2997
scadi	0.5714	0.1714	0.4346	0.4474	0.2170
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9264	0.0210	0.9341	0.9139	0.0838
segmentation	0.8663	0.1337	0.8526	0.7041	0.5341
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8824	0.1176	0.7348	0.4040	0.4834
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9469	0.0530	0.7342	0.3563	0.2944
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9931	0.0069	0.9897	0.9792	0.0974
smarket	0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming	0.1200	0.4400	0.1080	-0.1828	0.8441
smk_can_187	0.7895	0.2105	0.7933	0.5730	0.6420
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1867	0.3253	0.1868	-0.0190	0.8733
solar-flare	0.7482	0.0839	0.5982	0.6760	0.1893
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9412	0.0062	0.9048	0.9352	0.0258
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9109	0.0891	0.9065	0.8106	0.3857
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.6346	0.0271	0.5283	0.6115	0.1243
splice-EI	0.9685	0.0315	0.9579	0.9157	0.2138
splice-IE	0.9211	0.0789	0.8868	0.7678	0.3777
sport-articles	0.8700	0.1300	0.8614	0.7227	0.5296
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	0.9785	0.0215	0.9767	0.9524	0.0972
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8667	0.1333	0.7841	0.5591	0.5867
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8000	0.2000	0.7730	0.5392	0.6699
steel-p	0.9231	0.0769	0.6576	0.1895	0.4020

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8958	0.1042	0.8069	0.5931	0.4811
stockb	0.9648	0.0235	0.9651	0.9471	0.0886
streaming	0.9020	0.0980	0.9012	0.8023	0.4289
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4500	0.2200	0.2059	0.1256	0.4458
student-weekend	0.3538	0.2585	0.1962	0.0705	0.6039
student-workday	0.6875	0.1250	0.1630	-0.0248	0.2966
studentap	0.6154	0.2564	0.4602	0.3750	0.3282
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.9873	0.0023	0.9881	0.9860	0.0200
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7910	0.2090	0.6996	0.2121	0.3699
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.5054	0.1649	0.2965	0.2534	0.3659
trec41-wc	0.5114	0.0977	0.2021	0.3599	0.2831
trec45-wc	0.3333	0.1333	0.2602	0.1784	0.3719
tuandromd	0.9798	0.0202	0.9696	0.9386	0.2027
turkish	0.8500	0.0750	0.8541	0.8000	0.1732
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%	0.8990	0.1010	0.8904	0.7794	0.4373
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9646	0.0354	0.6787	0.0690	0.1045
urban	0.8060	0.0431	0.8199	0.7718	0.1557
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7619	0.1190	0.7227	0.6788	0.2208
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6566	0.0624	0.6989	0.6222	0.1698

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.4872	0.0513	0.2768	0.3949	0.2626
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.7077	0.0835	0.7026	0.6579	0.2830
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2533	0.3733	0.2537	0.0036	0.8602
waveform	0.8340	0.1107	0.8342	0.7510	0.3777
weather-related	0.9423	0.0105	0.9447	0.9344	0.0613
web-phishing	0.8222	0.1185	0.6249	0.6757	0.4692
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9793	0.0207	0.8795	0.7268	0.0704
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6352	0.1216	0.2971	0.4053	0.4241
winequality-white	0.5501	0.1285	0.2551	0.2910	0.4557
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7496	0.7322	0.0603
yeast	0.5270	0.0946	0.3273	0.3871	0.3811
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 252: Detailed results for AMDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9800	0.0200	0.5264	0.0256	0.4293
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.9979	0.0021	0.4995	-0.0009	0.3503
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8263	0.1737	0.7474	0.4858	0.6648
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8326	0.1674	0.8158	0.6315	0.6194
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9875	0.0125	0.4969	-0.0056	0.5615
anuran-family	0.9179	0.0410	0.7402	0.8442	0.3075
anuran-genus	0.9318	0.0170	0.8241	0.8892	0.2785
anuran-species	0.9403	0.0119	0.8531	0.9167	0.1420
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.7325	0.2675	0.7341	0.4650	0.7679
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.8725	0.1275	0.6124	0.1467	0.5667
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.9231	0.0769	0.9229	0.8339	0.2435
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.5098	0.0817	0.3674	0.2660	0.6011
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8871	0.0753	0.6111	0.7875	0.2104
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.0089	0.9911	0.0088	0.0000	0.0253
biodeg	0.8476	0.1524	0.8403	0.6800	0.5791
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.6060	0.1970	0.6079	0.4746	0.5151
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5969	0.5600	0.1943
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.7000	0.3000	0.4118	0.0000	0.4416
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.7559	0.0488	0.7069	0.7086	0.3139
cardiotocography-nsp	0.8779	0.0814	0.7556	0.6558	0.4017
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.7000	0.2000	0.5884	0.4850	0.3959
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%	0.0011	0.9989	0.0011	0.0000	0.0030
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.3810	0.4127	0.1839	0.0000	0.3169
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7991	0.1005	0.5555	0.6826	0.3190
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9200	0.0800	0.7382	0.3103	0.1938
cmc	0.4762	0.3492	0.4499	0.1693	0.7574
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8243	0.0320	0.6459	0.7867	0.3152
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.5517	0.4483	0.5155	0.0308	0.9539
colposcopies-2	0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3	0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4	0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.7586	0.2414	0.6545	0.3072	0.7986
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7419	0.1720	0.6847	0.5804	0.4082
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7764	0.2236	0.7764	0.5529	0.7067
coupon	0.5686	0.4314	0.3625	0.0000	0.5122

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8829	0.0390	0.7763	0.7530	0.3480
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.2812	0.0359	0.1915	0.2633	0.0943
customer-churn	0.9786	0.0214	0.5365	0.0161	0.2720
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8150	0.1850	0.6868	0.3084	0.6094
defect	0.8858	0.1142	0.7564	0.4416	0.4305
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3639	0.1351	0.4618
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5660	0.4340	0.5626	0.1244	0.9560
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7585	0.1610	0.6844	0.5936	0.4590
drug-01	0.4149	0.1672	0.1834	0.0926	0.6112
drug-02	0.4894	0.1459	0.1747	0.1094	0.6257
drug-03	0.6543	0.0988	0.1296	0.0162	0.4023
drug-04	0.5053	0.1413	0.2065	0.1024	0.6825
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.2406	0.2580	0.5488
drug-07	0.4468	0.1581	0.1335	0.0525	0.3554
drug-08	0.5638	0.1246	0.2342	0.1551	0.4937
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.2433	0.1566	0.4149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.2560	0.2592	0.3933
drug-14	0.5904	0.1170	0.2562	0.2776	0.4420
drug-15	0.7394	0.0745	0.1230	0.0306	0.3804
drug-16	0.6064	0.1125	0.2738	0.3516	0.3924
drug-17	0.3670	0.1809	0.1674	0.1203	0.5023
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7500	0.0714	0.1224	-0.0246	0.3990
drybean	0.9037	0.0275	0.9277	0.8837	0.1246
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6469	0.3531	0.6387	0.2701	0.8725
eeg10%	0.3113	0.0861	0.3163	0.2399	0.6939
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8882	0.1118	0.8907	0.7771	0.4464
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9020	0.0980	0.9028	0.7997	0.3894
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8846	0.0577	0.8558	0.8405	0.1843
gas	0.9526	0.0158	0.9523	0.9425	0.0874
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6000	0.2667	0.3800	0.1424	0.5617
gene	0.9022	0.0652	0.8921	0.8447	0.2625
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6667	0.1111	0.4805	0.5196	0.3118
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9091	0.0909	0.7843	0.4634	0.5000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8427	0.6816	0.5635
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.5793	0.1045	0.7293

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.7064	0.1174	0.7017	0.6285	0.4324
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7473	0.0722	0.4082	0.5948	0.2947
har7010%	0.7494	0.0716	0.4082	0.5979	0.2298
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6484	0.0586	0.2143	0.4935	0.2651
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure	0.8300	0.1700	0.7999	0.5992	0.6372
heart-quantum	0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis	0.8000	0.2000	0.8077	0.5455	0.5283
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6564	0.3436	0.6536	0.3035	0.8668
higgs1%	0.6395	0.3605	0.6365	0.2658	0.8771
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0714	0.2321	0.0357	-0.0581	0.4322
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5370	0.3086	0.5383	0.3053	0.7015
htru2	0.9765	0.0235	0.9259	0.8436	0.1437
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8154	0.1846	0.6294	0.1847	0.6292
jvowels	0.9277	0.0161	0.9227	0.9181	0.1086
kc1	0.8436	0.1564	0.6549	0.2940	0.7035
kc1-class-level-defectiveornot	0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.7885	0.2115	0.6724	0.3440	0.7669
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2717	0.0809	0.2255	0.1726	0.5759
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5294	0.0235	0.3311	0.5130	0.0464
led24	0.6000	0.0800	0.5916	0.5493	0.1698
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.6930	0.0236	0.6979	0.6807	0.2860
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.6944	0.0407	0.6949	0.6719	0.1207
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9344	0.0656	0.9309	0.8614	0.3380
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.7925	0.0593	0.5800	0.7108	0.1740
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7754	0.2246	0.7440	0.4765	0.7062
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.4688	0.5312	0.3191	0.0000	0.5307
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6139	0.2574	0.6203	0.4041	0.5668
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.6957	0.3043	0.7046	0.3988	0.7954
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	0.2222	0.5185	0.1212	0.0000	0.4199
meter-C	0.3333	0.3333	0.1250	0.0000	0.3773
meter-D	0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.7950	0.0410	0.8004	0.7722	0.1707
mfeat-kar	0.9750	0.0050	0.9752	0.9722	0.0315
mfeat-mor	0.7300	0.0540	0.7356	0.7000	0.1746
mfeat-pix	0.9800	0.0040	0.9804	0.9778	0.0250
mfeat-zer	0.7900	0.0420	0.8008	0.7667	0.1453
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.8019	0.1321	0.7905	0.6980	0.3935

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mines	0.4706	0.2118	0.4670	0.3377	0.4639
mobile	0.7483	0.0090	0.7620	0.7437	0.1161
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.4650	0.0973	0.4641	0.3550	0.5735
musk	0.9288	0.0712	0.8524	0.6831	0.3424
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9692	0.0308	0.9446	0.8882	0.3004
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4583	0.3611	0.2471	-0.0939	0.5773
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.4630	0.2685	0.1582	0.0000	0.3435
occupancy	0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation	0.9812	0.0094	0.9478	0.9417	0.0466
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.9298	0.0156	0.9140	0.9129	0.0503
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr	0.9170	0.0830	0.5849	0.1286	0.5935
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
page-blocks	0.9415	0.0234	0.6650	0.6288	0.4180
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8977	0.1023	0.8728	0.7456	0.4844
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.8963	0.0207	0.8981	0.8847	0.1292
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9429	0.0571	0.9400	0.8788	0.2812
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7685	0.2315	0.7028	0.4029	0.7639
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7105	0.2895	0.6923	0.3323	0.7052
pirvision	0.9719	0.0187	0.9493	0.9083	0.1158
placement	0.7890	0.2110	0.7852	0.5699	0.6885
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9597	0.0403	0.5715	0.0413	0.3170
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9398	0.0602	0.5170	0.0174	0.5245
polish-5th	0.9306	0.0694	0.6122	0.1119	0.4175
polya	0.7805	0.2195	0.7547	0.5049	0.7101
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2015	0.3194	0.0671	0.0000	0.4017
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6353	0.2647	0.8828
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9729	0.0271	0.9145	0.8157	0.1259
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6096	0.3904	0.5797	0.1537	0.9203
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8351	0.0550	0.7964	0.7954	0.2080
satimageF	0.9782	0.0218	0.9418	0.8803	0.1611
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9271	0.9038	0.0834
segmentation	0.8317	0.1683	0.8132	0.6238	0.6116
segmentO	0.9784	0.0216	0.9575	0.9148	0.2354
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8579	0.1421	0.5991	0.1659	0.6820
sens-4-gram	0.8395	0.1605	0.5931	0.1792	0.7450
sens-5-gram	0.8474	0.1526	0.5720	0.1240	0.7215
sens-6-gram	0.8605	0.1395	0.5972	0.1524	0.6584
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.9414	0.0167	0.5959	0.8222	0.2469
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9326	0.0674	0.9039	0.8050	0.4257
skin10%	0.9306	0.0694	0.8996	0.7974	0.4323
smarket	0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.0147	0.1037	0.0015	0.0000	0.3908

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spam-detection	0.9455	0.0545	0.8210	0.6335	0.4472
spambase	0.8957	0.1043	0.8905	0.7776	0.4290
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.6857	0.3143	0.5795	0.1538	0.8769
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.9369	0.0631	0.9250	0.8432	0.3707
splice-IE	0.9117	0.0883	0.8767	0.7532	0.4631
sport-articles	0.8200	0.1800	0.8037	0.5911	0.5877
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.0821	0.9179	0.0758	0.0000	0.2013
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8958	0.1042	0.8069	0.5931	0.4811
stockb	0.3348	0.4435	0.1672	0.0000	0.4165
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7578	0.2422	0.7663	0.4977	0.6399
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.3124	0.6876	0.2380	0.0000	0.4886
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.3227	0.6773	0.2440	0.0000	0.4945
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.7500	0.1250	0.7540	0.6667	0.2694
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.8890	0.1110	0.8793	0.7563	0.4611
ur3_cobotops_grip	0.9673	0.0327	0.6361	0.1894	0.4211
ur3_cobotops_stop	0.9605	0.0395	0.5581	0.0556	0.4307
urban	0.7761	0.0498	0.7971	0.7385	0.1916
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7262	0.1369	0.7037	0.6347	0.2377
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5758	0.0771	0.5916	0.5333	0.2180
vowelZ	0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8440	0.1040	0.8442	0.7660	0.3600
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.7778	0.1481	0.6075	0.5859	0.4961
Weekly	0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9850	0.0075	0.9854	0.9800	0.0341
wilt	0.9420	0.0580	0.5891	0.1517	0.5927
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5912	0.1363	0.2781	0.3378	0.4660
winequality-white	0.5112	0.1396	0.2643	0.2317	0.5220
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5203	0.0959	0.3786	0.3906	0.4318
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 253: Detailed results for BAYESNET

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1295	0.0600	0.0611	0.0468	0.4601
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.8767	0.1233	0.7103	0.3476	0.5374
accelerometer	0.9766	0.0234	0.6622	0.3244	0.5720
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9665	0.0335	0.9281	0.8455	0.1092
adult	0.8286	0.1714	0.7975	0.5802	0.6357
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.6095	0.3905	0.5779	0.1291	0.7172
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9766	0.0234	0.4941	-0.0113	0.5794
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8545	0.1455	0.7929	0.5811	0.6048
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.7619	0.0952	0.4074	0.4021	0.2696
alzheimers	0.9488	0.0512	0.9440	0.8857	0.2427
anneal	0.9101	0.0360	0.8468	0.8260	0.3025
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.8999	0.0501	0.8575	0.8170	0.2745
anuran-genus	0.9138	0.0216	0.8318	0.8634	0.2739
anuran-species	0.9514	0.0097	0.8941	0.9327	0.1069
anxiety	0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality	0.6900	0.3100	0.6902	0.3800	0.8330
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arrhythmia	0.7778	0.0342	0.4756	0.6506	0.2152
auction	0.9608	0.0392	0.9150	0.8293	0.3762
audiology	0.7826	0.0181	0.2652	0.7456	0.0480
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7000	0.1000	0.6152	0.6040	0.2465
avila	0.9923	0.0013	0.9508	0.9901	0.0849
babies	0.4758	0.1498	0.1555	0.1658	0.3735
balance	0.8226	0.1183	0.5668	0.6667	0.3152
bank	0.8565	0.1435	0.7144	0.4140	0.6631
banknote	0.8978	0.1022	0.8991	0.7951	0.4295
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8381	0.1619	0.8340	0.6648	0.5920
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9866	0.0009	0.0687	0.0924	0.0107
bitcoin10%	0.9860	0.0025	0.2923	0.3247	0.4192
body-perf	0.5716	0.2142	0.5671	0.4289	0.5794
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7739	0.5455	0.6636
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7914	0.6733	0.1625
bridges	0.7000	0.0857	0.3640	0.5161	0.1378
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8391	0.0805	0.6269	0.6680	0.3867
car-insurance	0.7950	0.2050	0.7696	0.5374	0.6994
card	0.8406	0.1594	0.8358	0.6713	0.5861
cardiotocography	0.7418	0.0516	0.7353	0.6984	0.3518
cardiotocography-nsp	0.8545	0.0970	0.7681	0.6497	0.4759
cardiovascular	0.7270	0.2730	0.7290	0.4539	0.7734
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.7074	0.5982	0.5186
cas_N6512_cdk_ECFP2	0.6682	0.3318	0.6704	0.3384	0.8522
cas_N6512_rdkit_FEATMORGAN	0.6467	0.3533	0.6536	0.3005	0.8621
cas_N6512_RDkit_Featmorgan_FP	0.6856	0.3144	0.6961	0.3796	0.8024
cas_N6512_rdkit_MACCS	0.6513	0.3487	0.6604	0.3115	0.8495
cas_N6512_RDkit_MACCS_FP	0.6549	0.3451	0.6695	0.3223	0.8250
cas_N6512_rdkit_MORGAN	0.7046	0.2954	0.7058	0.4099	0.8098
cas_N6512_RDkit_morgan_FP	0.6810	0.3190	0.6853	0.3660	0.8304
cas_N6512_rdkit_TORSION	0.6400	0.3600	0.6483	0.2886	0.8647
ccds1%	0.9505	0.0495	0.5463	0.0787	0.6059
cdc_diabetes	0.7983	0.1345	0.4395	0.3122	0.3876
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6684	0.3316	0.6854	0.3478	0.7845
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.8884	0.1116	0.6652	0.2724	0.5265
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.7740	0.2260	0.5406	0.0506	0.4199
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9399	0.0301	0.9320	0.9104	0.1378
chrom19	0.9934	0.0066	0.7052	0.2064	0.2767
chrom191%	0.9947	0.0053	0.7421	0.3063	0.3673
chrom1910%	0.9926	0.0074	0.6798	0.1815	0.2693
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8440	0.1560	0.7350	0.4562	0.6480
churn-bigml	0.9213	0.0787	0.8376	0.6743	0.5045
ci900367j_MACCS	0.6105	0.3895	0.6126	0.2191	0.8871
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.6561	0.4844	0.4674
cjs	0.9714	0.0095	0.9684	0.9652	0.0581
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7648	0.1176	0.4901	0.6146	0.3207
climate	0.9444	0.0556	0.7751	0.5424	0.5131
cm1	0.7200	0.2800	0.6704	0.2473	0.5291
cmc	0.5646	0.2902	0.5381	0.3259	0.7048

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cnae-9	0.9167	0.0185	0.9297	0.9062	0.0778
college	0.9481	0.0519	0.9345	0.8690	0.3129
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.8276	0.1724	0.8044	0.5892	0.5680
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.7241	0.2759	0.7108	0.4171	0.7875
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.7097	0.1935	0.6728	0.5426	0.2879
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
cottonmeloidogyne	0.6322	0.3678	0.6678	0.2685	0.7218
coupon	0.6333	0.3667	0.6289	0.2576	0.8963
covtype10%	0.6890	0.0889	0.5946	0.5107	0.5204
covtypeCD	0.9344	0.0656	0.8738	0.7432	0.4892
covtypeT	0.9283	0.0717	0.7931	0.5651	0.5829
crabs	0.7000	0.1500	0.7185	0.6000	0.2526
creditcard_trans	0.9939	0.0061	0.7158	0.3088	0.4067
creditcard_trans10%	0.9965	0.0035	0.7567	0.4430	0.5022
cryotherapy	0.4444	0.5556	0.4500	-0.0976	1.0000
cultivars	0.0312	0.0484	0.0056	0.0236	0.3032
customer-churn	0.9812	0.0188	0.6892	0.1859	0.1638
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.5556	0.4444	0.3571	0.0000	0.5164
cylinder-bands	0.6852	0.3148	0.6828	0.3056	0.7095
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7927	0.2073	0.6976	0.3952	0.7516
defect	0.9599	0.0401	0.9228	0.8372	0.1899
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8662	0.1338	0.6880	0.3754	0.6896
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.9667	0.0333	0.9677	0.9333	0.1598
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.6833	0.3167	0.5871	0.1739	0.8608
diabetes	0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-risk	0.9009	0.0991	0.8393	0.6489	0.3763
diabetic1%	0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%	0.5874	0.2750	0.4589	0.1996	0.5886
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6474	0.1410	0.6348	0.5050	0.5208
dishonest	0.9062	0.0938	0.8890	0.7757	0.4232
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5340	0.4660	0.5304	0.0195	0.6990
dropout	0.7156	0.1896	0.6750	0.5451	0.5278
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5053	0.1413	0.2255	0.1865	0.5431
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.4681	0.1520	0.2060	0.1148	0.5041
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-06	0.4255	0.1641	0.2869	0.2721	0.5455
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5319	0.1337	0.2465	0.1763	0.3809
drug-09	0.8032	0.0562	0.1457	0.0582	0.2214
drug-10	0.5426	0.1307	0.2403	0.2023	0.3826
drug-11	0.7606	0.0684	0.1261	0.0499	0.3842
drug-12	0.7394	0.0745	0.1877	0.1075	0.3699
drug-13	0.6223	0.1079	0.1839	0.3100	0.3931
drug-14	0.5426	0.1307	0.2436	0.2467	0.5464
drug-15	0.6702	0.0942	0.1444	0.1257	0.3219
drug-16	0.5851	0.1185	0.2493	0.3080	0.4084
drug-17	0.3617	0.1824	0.1333	0.1129	0.4840
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6702	0.0942	0.1584	0.0744	0.3901
drybean	0.9008	0.0283	0.9061	0.8800	0.1484
ecoli	0.8235	0.0441	0.4312	0.7506	0.1352
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU	0.6970	0.3030	0.6205	0.1667	0.5194
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg-eye	0.6762	0.3238	0.6698	0.3310	0.8361
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5616	0.1753	0.5976	0.4399	0.4189
euthyroid	0.9525	0.0475	0.8720	0.7428	0.4644
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.7085	0.0972	0.6041	0.5205	0.2935
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.5500	0.1125	0.4848	0.4611	0.2571
forest	0.9038	0.0481	0.8715	0.8675	0.1339
gender	0.5516	0.2989	0.4423	0.1611	0.7417
gene	0.8991	0.0673	0.8853	0.8392	0.2729
german	0.7100	0.2900	0.6602	0.3029	0.8040
glass	0.8095	0.0635	0.7567	0.7299	0.1704
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP	0.7143	0.2857	0.6786	0.3571	0.8215
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6842	0.3158	0.6833	0.3667	0.8414
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4000	0.3000	0.2576	0.1346	0.4553
haberman	0.6667	0.3333	0.5739	0.1477	0.8809
har701%	0.8765	0.0353	0.5331	0.8195	0.1778
har7010%	0.8888	0.0318	0.5316	0.8357	0.1645
harth1%	0.8253	0.0291	0.4941	0.7623	0.2683
harth10%	0.8256	0.0291	0.5010	0.7630	0.2656
hayes-roth	0.6250	0.2500	0.5797	0.3846	0.2117
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8065	0.1935	0.8046	0.6092	0.6543
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-failure	0.9560	0.0440	0.9489	0.8979	0.2650
heart-quantum	0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8086	0.1914	0.8095	0.6168	0.6406
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6500	0.3500	0.6478	0.2952	0.8806
higgs1%	0.6508	0.3492	0.6489	0.2978	0.8799
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.8750	0.1250	0.8765	0.7470	0.4704
hiv1-proteasa	0.9022	0.0978	0.8172	0.6307	0.5313
horse	0.7222	0.1852	0.7128	0.5294	0.5115
hotel-reservartions	0.8112	0.1888	0.7806	0.5591	0.6670
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.7930	0.1380	0.7966	0.6897	0.4153
htru2	0.9637	0.0363	0.8951	0.7893	0.4137
hypothyroid	0.9841	0.0080	0.7112	0.9077	0.1932
hypothyroidT	0.9682	0.0318	0.8773	0.7338	0.2099
ilpd	0.5593	0.4407	0.5143	0.0279	0.9087
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9600	0.0400	0.9613	0.9196	0.1967
jm1	0.7025	0.2975	0.6440	0.2648	0.7431
jvowels	0.8484	0.0337	0.8422	0.8281	0.2031
kc1	0.7014	0.2986	0.6191	0.2098	0.7033
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.6667	0.3333	0.4000	-0.1194	0.4433
kc2	0.7692	0.2308	0.7447	0.4536	0.6691
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9026	0.0974	0.5139	0.0278	0.6426
kddcup991%	0.0020	0.1535	0.0003	0.0000	0.2182
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.3572	0.0714	0.3360	0.2711	0.5257
krvskp	0.9122	0.0878	0.9123	0.8243	0.3955
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5000	0.0250	0.2651	0.4779	0.1030
led24	0.7000	0.0600	0.6650	0.6610	0.1254
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.7405	0.0200	0.7487	0.7300	0.2583
libra	0.7500	0.0333	0.7527	0.7316	0.1029
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
liver	0.6765	0.3235	0.5565	0.0603	0.7318
loan	0.9696	0.0304	0.9687	0.9361	0.1901
localization	0.5066	0.0897	0.2627	0.3645	0.5401
localization10%	0.4836	0.0939	0.2645	0.3336	0.5497
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.6269	0.3731	0.6272	0.2538	0.9021
magic04	0.7785	0.2215	0.7478	0.4680	0.6594
mammography	0.8646	0.1354	0.8653	0.7292	0.5220

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
marketing	0.8170	0.1830	0.6994	0.3868	0.7005
maternal	0.5941	0.2706	0.5995	0.3806	0.5695
math	0.7500	0.1250	0.7055	0.6212	0.4044
mba	0.8113	0.1258	0.4315	0.2888	0.3942
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6609	0.3391	0.6869	0.3448	0.7809
meter-A	0.7500	0.2500	0.7500	0.3846	0.4308
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-mor	0.6800	0.0640	0.6795	0.6444	0.2184
milk	0.9151	0.0566	0.9006	0.8685	0.1500
mines	0.5588	0.1765	0.4103	0.4420	0.3115
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9336	0.0664	0.9356	0.8665	0.2844
music	0.4872	0.0932	0.5044	0.3949	0.5340
MUT_ci300400a_cdk_ESTATE	0.6571	0.3429	0.6450	0.2896	0.8774
MUT_ci300400a_cdk_FCFP2	0.7042	0.2958	0.6940	0.3878	0.8213
MUT_ci300400a_cdk_FCFP4	0.6918	0.3082	0.6890	0.3763	0.8275
MUT_ci300400a_cdk_FCFP6	0.7026	0.2974	0.7104	0.4107	0.7872
myocardial	0.8647	0.0338	0.3209	0.3977	0.2995
naticusdroid	0.9308	0.0692	0.9309	0.8616	0.3340
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.6667	0.1111	0.6061	0.6000	0.1254
ncRNA1%	0.6874	0.0329	0.3853	0.4338	0.7647
neo	0.7863	0.2137	0.7484	0.3809	0.4991
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9198	0.0321	0.6865	0.8818	0.1347
obesity	0.7488	0.0718	0.7580	0.7064	0.2431
obs	0.8889	0.0556	0.9048	0.8376	0.2266
occupancy	0.9825	0.0175	0.9754	0.9509	0.1555
Occupancy_Estimation	0.9822	0.0089	0.9478	0.9467	0.1358
oh0-wc	0.9010	0.0198	0.8978	0.8874	0.1081
oh15-wc	0.8696	0.0261	0.8755	0.8523	0.1384
oh5-wc	0.8462	0.0308	0.8620	0.8264	0.1522
olive	0.8947	0.0234	0.8642	0.8685	0.0799
ozone1hr	0.8419	0.1581	0.5899	0.1155	0.4034
ozone8hr	0.7708	0.2292	0.6493	0.2187	0.5155
page-blocks	0.9580	0.0168	0.8490	0.7915	0.5148
parkinson	0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons	0.9479	0.0521	0.9453	0.8868	0.2236
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
pasture	1.0000	0.0000	1.0000	1.0000	0.0000
pc1	0.7387	0.2613	0.5836	0.1164	0.5018
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pendigits	0.9081	0.0184	0.9124	0.8979	0.1103
period	0.7778	0.2222	0.8163	0.5714	0.5000
period-10f	0.5556	0.4444	0.6897	0.2500	0.5288
persistency	0.8017	0.1983	0.7909	0.5814	0.6740
pet-adoption	0.9150	0.0850	0.9031	0.7993	0.3489

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phishing	0.9469	0.0531	0.9442	0.8876	0.2693
phone-acc0.1%	0.9847	0.0044	0.9840	0.9821	0.0286
phone-acc1%	0.9974	0.0007	0.9973	0.9970	0.0071
phone-gyr0.1%	0.9892	0.0031	0.9886	0.9874	0.0232
phone-gyr1%	0.9958	0.0012	0.9956	0.9950	0.0105
phoneme	0.7833	0.2167	0.7749	0.5289	0.6686
phy	0.6880	0.3120	0.6880	0.3760	0.8363
pima	0.7105	0.2895	0.6874	0.3489	0.7670
placement	0.7900	0.2100	0.7856	0.5709	0.6877
plant-growth	0.4737	0.5263	0.4898	-0.0106	0.8285
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4995	0.1001	0.0666	0.0000	0.1727
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.7738	0.2262	0.6468	0.1526	0.3377
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6400	0.2647	0.8578
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3636	0.0579	0.1581	0.2848	0.2388
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
puc-rio10%	0.9125	0.0350	0.8517	0.8828	0.1869
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9705	0.0295	0.9132	0.8263	0.3554
raisin	0.8556	0.1444	0.8578	0.7111	0.5296
re1-wc	0.7892	0.0169	0.5689	0.7592	0.1617
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9841	0.0159	0.9840	0.9677	0.0998
rocket	0.6488	0.3512	0.6372	0.2744	0.8846
satimageF	0.9829	0.0171	0.9549	0.9090	0.1719
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.8889	0.1111	0.8784	0.7273	0.4644
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8590	0.1410	0.6397	0.2460	0.5885
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9243	0.9039	0.1066
segmentation	0.7723	0.2277	0.7672	0.5271	0.7061
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.8140	0.1860	0.6388	0.2167	0.5338
sens-1-gram	0.7395	0.2605	0.5515	0.0974	0.7292
sens-2-gram	0.7763	0.2237	0.6186	0.2250	0.7154
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8540	0.1460	0.7680	0.5223	0.6480
shuttle	0.9950	0.0014	0.8089	0.9860	0.1726
sick	0.9602	0.0398	0.8424	0.6846	0.4854
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9444	0.0556	0.9149	0.8297	0.3582
skin10%	0.9371	0.0629	0.9024	0.8039	0.3740
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smoking	0.6998	0.3002	0.7145	0.4075	0.7579
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7338	0.0887	0.6210	0.6606	0.2341
sonar	0.5500	0.4500	0.5525	0.1000	0.9473

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
soybean	0.9412	0.0062	0.9636	0.9358	0.0411
spam-detection	0.9515	0.0485	0.8373	0.6488	0.3215
spambase	0.8891	0.1109	0.8835	0.7639	0.4513
spect	0.7037	0.2963	0.7105	0.3684	0.6735
spectf	0.7429	0.2571	0.7377	0.4522	0.7139
spectrometer	0.5962	0.0299	0.5115	0.5733	0.1353
splice-EI	0.9558	0.0442	0.9453	0.8876	0.3038
splice-IE	0.8612	0.1388	0.8262	0.6451	0.5939
sport-articles	0.7700	0.2300	0.7853	0.5447	0.6484
squash-stored	0.4000	0.4000	0.3571	0.1667	0.5000
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	0.9785	0.0215	0.9765	0.9530	0.1491
steel_industry	0.8251	0.1166	0.7956	0.7194	0.3372
steel-b	0.6923	0.3077	0.7005	0.3437	0.6663
steel-d	0.9897	0.0103	0.9140	0.8280	0.3214
steel-k	0.9692	0.0308	0.9520	0.9020	0.1773
steel-o	0.6154	0.3846	0.6684	0.2872	0.7460
steel-p	0.8462	0.1538	0.7152	0.3719	0.5838
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9590	0.0410	0.8958	0.7868	0.4438
stellar	0.9242	0.0505	0.9151	0.8676	0.2186
stock	0.9653	0.0347	0.9482	0.8908	0.3080
stockb	0.9780	0.0147	0.9779	0.9670	0.0648
streaming	0.9740	0.0260	0.9740	0.9476	0.1624
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.5600	0.1760	0.3202	0.3198	0.4508
student-depression	0.8330	0.1670	0.8267	0.6517	0.5985
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4154	0.2338	0.2093	0.1587	0.4113
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.7552	0.2448	0.7527	0.5024	0.7360
susy10%	0.7525	0.2475	0.7499	0.4971	0.7411
tae	0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn	0.8878	0.1122	0.8603	0.7195	0.5252
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	0.6737	0.3263	0.6434	0.2861	0.8589
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.6250	0.1250	0.4208	0.5000	0.0941
toxicity	0.4706	0.5294	0.5152	0.0255	0.8903
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.5934	0.1848	0.8446
tuandromd	0.9574	0.0426	0.9323	0.8626	0.2594
turkish	0.6500	0.1750	0.6370	0.5333	0.3685
ur3_cobotops_grip	0.9333	0.0667	0.6761	0.3163	0.5521
ur3_cobotops_stop	0.9388	0.0612	0.7070	0.3863	0.5759
urinalysis	0.9091	0.0909	0.7101	0.3903	0.5961
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.5833	0.2083	0.5562	0.4431	0.4844
vehicleVAN	0.7976	0.2024	0.7947	0.5526	0.6142
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4545	0.0992	0.5242	0.4000	0.3092
vowelZ	0.9697	0.0303	0.9024	0.7843	0.0972
watch-acc1%	0.9921	0.0023	0.9919	0.9907	0.0191
watch-gyr1%	0.9950	0.0014	0.9949	0.9942	0.0130

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.7920	0.1387	0.8082	0.6881	0.3522
weather-related	0.9481	0.0094	0.9530	0.9414	0.0839
web-phishing	0.8148	0.1235	0.6149	0.6632	0.4678
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5535	0.1488	0.2567	0.2822	0.4612
winequality-white	0.4622	0.1537	0.2427	0.2195	0.5405
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yeast	0.5541	0.0892	0.3595	0.4247	0.3925
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9527	0.0473	0.6001	0.1981	0.5887
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9392	0.0608	0.6387	0.2761	0.6261

Table 254: Detailed results for BGLM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1904	0.0771	0.1395	0.1026	0.4727
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8464	0.1536	0.7752	0.5446	0.6284
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.8095	0.1905	0.5447	0.0437	0.6386
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red	0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered	0.9029	0.0971	0.5598	0.1166	0.6834
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.0010	0.9990	0.0010	0.0000	0.0029
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8545	0.1455	0.7886	0.5630	0.5768
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8510	0.1490	0.5880	0.0211	0.3661
airline	0.8744	0.1256	0.8719	0.7435	0.5028
alcohol	0.7524	0.0990	0.2648	0.4011	0.2673
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8419	0.1581	0.8252	0.6498	0.5969
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family	0.9346	0.0327	0.6847	0.8728	0.1606
anuran-genus	0.9527	0.0118	0.8816	0.9215	0.1746
anuran-species	0.9597	0.0081	0.9144	0.9437	0.0724
anxiety	0.0833	0.2037	0.0827	-0.0334	0.8316
apple-quality	0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure	0.9913	0.0087	0.8665	0.7274	0.3115
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.7556	0.0376	0.4209	0.5889	0.2036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.8636	0.0248	0.8305	0.8398	0.0664
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8000	0.0667	0.6970	0.7306	0.1468
avila	0.5347	0.0775	0.3905	0.2889	0.3276
babies	0.4355	0.1613	0.1831	0.1066	0.4376
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.9104	0.0896	0.7473	0.4822	0.5696
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9973	0.0027	0.9186	0.8298	0.1311
bio10%	0.9959	0.0041	0.9030	0.7980	0.4348
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0013	0.0451	-0.0000	0.0145
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	-0.0000	0.0318
body-perf	0.5866	0.2067	0.5756	0.4488	0.5248
bookings	0.9899	0.0067	0.7539	0.9786	0.0523
brain-tumor	0.5080	0.4920	0.5079	0.0159	0.9953
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17	0.9100	0.0900	0.6609	0.0189	0.2078
bub12at310k-hg16-17	0.9096	0.0904	0.6307	0.0129	0.2267
bub8at310k-hg16-17	0.9099	0.0901	0.6414	0.0190	0.2251
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4890	0.3407	0.2536	-0.0065	0.3863
car	0.8448	0.0776	0.6089	0.6665	0.3553
car-insurance	0.8320	0.1680	0.8008	0.6003	0.6312
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.7934	0.0413	0.7594	0.7496	0.2068
cardiotocography-nsp	0.8967	0.0689	0.8174	0.7108	0.2998
cardiovascular	0.7198	0.2802	0.7205	0.4395	0.7908
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5906	0.4533	0.5780
cas_N6512_cdk_ECFP2	0.7512	0.2488	0.7490	0.4975	0.7487
cas_N6512_rdkit_ATOMPAIR	0.7323	0.2677	0.7300	0.4596	0.7773
cas_N6512_RDkit_AtomPair_FP	0.7285	0.2715	0.7261	0.4514	0.7821
cas_N6512_rdkit_AVALON	0.7558	0.2442	0.7552	0.5100	0.7406
cas_N6512_RDkit_Avalon_FP	0.7684	0.2316	0.7671	0.5342	0.7216
cas_N6512_rdkit_descriptors	0.7492	0.2508	0.7477	0.4954	0.7525
cas_N6512_rdkit_FEATMORGAN	0.7527	0.2473	0.7511	0.5022	0.7471
cas_N6512_RDkit_Featmorgan_FP	0.7638	0.2362	0.7620	0.5237	0.7288
cas_N6512_RDkit_FP	0.7147	0.2853	0.7124	0.4244	0.8024
cas_N6512_rdkit_LAYERED	0.7600	0.2400	0.7590	0.5178	0.7350
cas_N6512_RDkit_Layered_FP	0.7439	0.2561	0.7418	0.4831	0.7601
cas_N6512_rdkit_MACCS	0.7680	0.2320	0.7663	0.5290	0.7129
cas_N6512_RDkit_MACCS_FP	0.7561	0.2439	0.7549	0.5097	0.7414

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.7431	0.2569	0.7410	0.4817	0.7615
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.7877	0.2123	0.7865	0.5731	0.6883
cas_N6512_RDkit_pattern_FP	0.7776	0.2224	0.7767	0.5533	0.7055
cas_N6512_rdkit_RDKITFP	0.7235	0.2765	0.7224	0.4446	0.7899
cas_N6512_rdkit_TORSION	0.7185	0.2815	0.7163	0.4324	0.7975
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8485	0.1010	0.4249	0.2040	0.3251
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7927	0.2073	0.7762	0.5519	0.6956
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9453	0.0547	0.5805	0.1196	0.5510
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9542	0.0458	0.7566	0.4801	0.4385
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8341	0.0830	0.7819	0.7471	0.2188
chrom19	0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml	0.8689	0.1311	0.6742	0.2844	0.5710
ci900367j_MACCS	0.7368	0.2632	0.7164	0.4317	0.7823
circles	0.9630	0.0007	0.9646	0.9626	0.0140
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7704	0.1148	0.4942	0.6232	0.3001
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4762	0.3492	0.4428	0.1645	0.7594
cnae-9	0.9537	0.0103	0.9551	0.9479	0.0519
codon_usage	0.8573	0.0260	0.6679	0.8258	0.2215
coil20	0.9861	0.0014	0.9871	0.9854	0.0100
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	0.7000	0.0400	0.6703	0.6656	0.1363
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4	0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7740	0.2260	0.7741	0.5481	0.7105
coupon	0.6814	0.3186	0.6718	0.3421	0.8468
covid19	0.5380	0.1320	0.2168	0.1643	0.3331
covtype	0.7163	0.0811	0.5285	0.5334	0.3804
covtype10%	0.7117	0.0824	0.5302	0.5251	0.3886

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.9473	0.0527	0.8830	0.7630	0.3748
covtypeT	0.9429	0.0571	0.7444	0.4713	0.5159
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9994	0.0006	0.9058	0.8043	0.1705
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8793	0.0402	0.6498	0.7422	0.2895
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1562	0.0422	0.1184	0.1343	0.1148
customer-churn	0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity	0.1500	0.2833	0.1530	-0.0232	0.8799
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7407	0.2593	0.7349	0.4698	0.7686
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1026	0.1795	0.1020	0.0027	0.9218
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8147	0.1853	0.6859	0.3008	0.5989
defect	0.8827	0.1173	0.7477	0.4323	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9013	0.0987	0.7201	0.4163	0.5765
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.7500	0.1667	0.7616	0.6098	0.2841
DIA	0.7500	0.2500	0.6593	0.3182	0.8034
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9566	0.0434	0.8457	0.6772	0.3560
diabetes-risk	0.8521	0.1479	0.7531	0.4922	0.6210
diabetic1%	0.5686	0.2876	0.4749	0.2259	0.6740
diabetic10%	0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6496	0.1402	0.5373	0.4846	0.4208
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.0957	0.9043	0.0873	0.0000	0.2285
dota2	0.6003	0.3997	0.5970	0.1924	0.9262
dota210%	0.5689	0.4311	0.5655	0.1301	0.9537
drebin	0.9807	0.0193	0.9793	0.9586	0.1361
dropout	0.7652	0.1565	0.6778	0.6011	0.4577
drug-01	0.4202	0.1657	0.1676	0.0827	0.5155
drug-02	0.5106	0.1398	0.1695	0.1090	0.5257
drug-03	0.6809	0.0912	0.1346	0.0504	0.3234
drug-04	0.5213	0.1368	0.2076	0.0788	0.4360
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.2212	0.2533	0.4805
drug-07	0.4521	0.1565	0.1362	0.0622	0.3545
drug-08	0.5638	0.1246	0.2096	0.1267	0.4212
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5585	0.1261	0.2216	0.1488	0.3650
drug-11	0.8511	0.0426	0.1317	0.0277	0.1222
drug-12	0.7872	0.0608	0.1258	-0.0056	0.2801
drug-13	0.6170	0.1094	0.1727	0.2194	0.3720

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-14	0.6011	0.1140	0.2882	0.2552	0.3949
drug-15	0.7447	0.0729	0.1231	0.0221	0.2863
drug-16	0.6064	0.1125	0.2573	0.3335	0.3851
drug-17	0.3723	0.1793	0.1790	0.1241	0.4899
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7553	0.0699	0.1233	-0.0042	0.2725
drybean	0.9229	0.0220	0.9339	0.9068	0.1267
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2797	0.0399	0.8248
eeg	0.3342	0.0832	0.3218	0.2605	0.6628
eeg-eye	0.6395	0.3605	0.6312	0.2573	0.8851
eeg10%	0.3604	0.0799	0.3934	0.2880	0.5815
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6164	0.1534	0.5768	0.5052	0.4118
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq	0.8955	0.1045	0.8966	0.7912	0.4365
exon.vs.intron-freq10%	0.8900	0.1100	0.8906	0.7800	0.4561
fakenews	0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0163	0.1157	0.0019	0.0000	0.3803
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.7620	0.0793	0.5691	0.5948	0.2281
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9423	0.0288	0.9333	0.9202	0.0859
gas	0.9863	0.0046	0.9857	0.9834	0.0378
gastrointestinal	0.6250	0.2500	0.5906	0.3962	0.5975
gender	0.6000	0.2667	0.3792	0.1413	0.5118
gene	0.9180	0.0547	0.9059	0.8688	0.2249
german	0.7500	0.2500	0.7121	0.3812	0.6824
gestures	0.3408	0.3296	0.3397	0.1210	0.8011
gina	0.8184	0.1816	0.8184	0.6365	0.6276
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6667	0.1111	0.6644	0.5196	0.2537
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.5278	0.2638	0.4580
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.9671	0.0055	0.8698	0.9611	0.0426
har	0.7385	0.1046	0.7274	0.6679	0.4047
har70	0.7619	0.0680	0.4189	0.6155	0.1846
har701%	0.7655	0.0670	0.4275	0.6214	0.1800

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har7010%	0.7621	0.0680	0.4177	0.6159	0.1839
harth	0.6581	0.0570	0.2282	0.5053	0.2291
harth1%	0.6575	0.0571	0.2274	0.5051	0.2265
harth10%	0.6571	0.0571	0.2297	0.5041	0.2304
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.8365	0.1635	0.8365	0.6729	0.5907
hepmass1%	0.8366	0.1634	0.8366	0.6731	0.5905
hepmass10%	0.8358	0.1642	0.8358	0.6715	0.5922
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.6421	0.3579	0.6390	0.2738	0.8810
higgs0.1%	0.6600	0.3400	0.6573	0.3120	0.8652
higgs1%	0.6420	0.3580	0.6389	0.2720	0.8775
higgs10%	0.6421	0.3579	0.6394	0.2740	0.8798
higher	0.2143	0.1964	0.0750	0.0778	0.2820
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9292	0.0708	0.8728	0.7454	0.4508
hiva	0.9480	0.0520	0.4867	-0.0231	0.6309
horse	0.5833	0.2778	0.5593	0.2867	0.6483
hotel-reservartions	0.8236	0.1764	0.7942	0.5848	0.6365
hr	0.8526	0.1474	0.4602	-0.0199	0.5496
ht-sensor	0.5725	0.2850	0.5751	0.3580	0.6564
ht-sensor10%	0.5543	0.2972	0.5565	0.3310	0.6760
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9019	0.0491	0.3581	0.1321	0.2749
hypothyroidT	0.9655	0.0345	0.8767	0.7533	0.4085
ilpd	0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9600	0.0200	0.9602	0.9467	0.0814
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9320	0.0052	0.9326	0.9292	0.0615
jm1	0.8163	0.1837	0.6289	0.1485	0.5583
jvowels	0.9378	0.0138	0.9337	0.9294	0.0957
kc1	0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6154	0.1538	0.3650	0.2935	0.3817
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9623	0.0058	0.4599	0.9368	0.1079
kepler	0.7092	0.1939	0.6817	0.5477	0.4250
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2827	0.0797	0.2182	0.1791	0.5285

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krvskp	0.9749	0.0251	0.9749	0.9498	0.1583
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8824	0.0102	0.9022	0.8764	0.0352
led24	0.6500	0.0700	0.6532	0.6078	0.1649
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7150	0.0219	0.7136	0.7035	0.2712
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8333	0.0222	0.8554	0.8212	0.0797
linkage	1.0000	0.0000	0.9993	0.9986	0.0030
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9204	0.0796	0.9148	0.8292	0.3758
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8302	0.0340	0.4256	0.7605	0.1108
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5769	0.4231	0.5781	0.1538	0.9406
magic04	0.7817	0.2183	0.7523	0.4971	0.7031
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.9018	0.0982	0.7768	0.5110	0.4530
maternal	0.6337	0.2442	0.6411	0.4348	0.5369
math	0.6750	0.1625	0.6557	0.4951	0.4078
mba	0.8242	0.1172	0.3834	0.1130	0.3773
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2400	0.3040	0.2448	0.0484	0.8369
messidor	0.7304	0.2696	0.7298	0.4578	0.7758
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.8282	0.7672	0.1909
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-fou	0.8450	0.0310	0.8494	0.8278	0.1402
mfeat-kar	0.9600	0.0080	0.9604	0.9556	0.0503
mfeat-mor	0.7200	0.0560	0.7205	0.6889	0.2135
mfeat-pix	0.9650	0.0070	0.9659	0.9611	0.0389
mfeat-zer	0.8150	0.0370	0.8188	0.7944	0.1068
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8868	0.0755	0.8903	0.8293	0.2463
mines	0.5588	0.1765	0.5657	0.4457	0.3747
mobile	0.7657	0.0084	0.7823	0.7615	0.1065
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4833	0.0939	0.4809	0.3703	0.5368
musk	0.9379	0.0621	0.8732	0.7235	0.2657
MUT_ci300400a_cdk_ECFP2	0.8094	0.1906	0.8025	0.6036	0.6485
MUT_ci300400a_cdk_ECFP4	0.7868	0.2132	0.7795	0.5586	0.6940
MUT_ci300400a_cdk_ESTATE	0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED	0.7902	0.2098	0.7838	0.5676	0.6888
MUT_ci300400a_cdk_FCFP2	0.7820	0.2180	0.7746	0.5487	0.7026
MUT_ci300400a_cdk_FCFP6	0.7902	0.2098	0.7845	0.5690	0.6887
MUT_ci300400a_cdk_MACCS	0.7626	0.2374	0.7529	0.5016	0.7273
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.7808	0.2192	0.7747	0.5494	0.7053
MUT_ci300400a_rdkit_descriptors	0.7895	0.2105	0.7835	0.5662	0.6869
myocardial	0.8941	0.0265	0.3870	0.5081	0.0859
naticusdroid	0.9628	0.0372	0.9629	0.9257	0.2123
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.3843	0.0648	0.1202	0.0770	0.3054
ncRNA1%	0.7047	0.0311	0.1150	0.3643	0.3470
ncRNA10%	0.0325	0.1018	0.0336	-0.0104	0.4081
neo	0.9027	0.0973	0.6080	0.1117	0.4714
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6478	0.3522	0.6450	0.2893	0.8823
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9431	0.0569	0.9302	0.8604	0.3270
NPHA-doctor-visits	0.4861	0.3426	0.2694	-0.0517	0.5491
nursery	0.9136	0.0346	0.5555	0.8720	0.1278
obesity	0.7536	0.0704	0.7487	0.7122	0.2571
obs	0.7963	0.1019	0.8408	0.6947	0.2488
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9931	0.0035	0.9755	0.9789	0.0128
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.9474	0.0117	0.9345	0.9347	0.0365
opn310k	0.9092	0.0908	0.6567	0.0019	0.2090
opn310k10%	0.9133	0.0867	0.6366	0.0549	0.2693
opnat310k-hg16-17	0.9092	0.0908	0.6251	0.0055	0.2193
optdigits	0.9644	0.0071	0.9656	0.9604	0.0527
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr	0.9209	0.0791	0.6211	0.1984	0.5790
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7938	0.2062	0.7780	0.5538	0.6913
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9616	0.0154	0.6895	0.7603	0.2773
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.7962	0.2038	0.7909	0.5784	0.6736
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.9108	0.0892	0.8891	0.7782	0.4437
particle10%	0.9054	0.0946	0.8838	0.7675	0.4653
pasture	0.5000	0.3333	0.2667	0.1111	0.2969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9363	0.0127	0.9358	0.9292	0.0969
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7988	0.2012	0.7842	0.5680	0.6805
personalities	0.9142	0.0107	0.9142	0.9084	0.1346
pet-adoption	0.9200	0.0800	0.9103	0.8088	0.2835
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.6455	0.1013	0.6217	0.5844	0.3554
phone-acc1%	0.6616	0.0967	0.6266	0.6028	0.3354
phone-acc10%	0.6633	0.0962	0.6355	0.6052	0.3446
phone-gyr0.1%	0.5987	0.1147	0.5693	0.5295	0.3894
phone-gyr1%	0.6239	0.1075	0.6019	0.5596	0.3697
phone-gyr10%	0.6472	0.1008	0.6201	0.5866	0.3572
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.7066	0.2934	0.7066	0.4131	0.8120
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9798	0.0135	0.9589	0.9348	0.1127
placement	0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th	0.9374	0.0626	0.6815	0.2542	0.3924
polya	0.7849	0.2151	0.7594	0.5140	0.7011
popularity	0.6620	0.2253	0.4104	0.2004	0.4757
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7586	0.0965	0.7645	0.6981	0.3170
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7062	0.4118	0.8115
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.5152	0.0746	0.5103	0.4623	0.2568
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.8060	0.1940	0.7737	0.5442	0.6746
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8242	0.0703	0.7575	0.7611	0.2467
puc-rio10%	0.8304	0.0678	0.7591	0.7698	0.2417
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%	0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%	0.5019	0.4981	0.5019	0.0038	0.9989
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
reuters21578	0.0012	0.0416	0.0001	0.0000	0.2549
rice	0.9868	0.0132	0.9867	0.9733	0.0921
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6081	0.3919	0.5793	0.1540	0.9234
RT_IOT2022	0.1844	0.1359	0.3896	0.0983	0.2564
satimage	0.8351	0.0550	0.7865	0.7940	0.1932
satimageF	0.9829	0.0171	0.9552	0.9101	0.1937
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8782	0.1218	0.5916	0.1767	0.6389
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9455	0.9291	0.0746
segmentation	0.8168	0.1832	0.7977	0.5945	0.6489
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.1339	0.8661	0.1181	0.0000	0.2968
sens-2-gram	0.8474	0.1526	0.5114	0.0143	0.6901
sens-3-gram	0.7605	0.2395	0.5570	0.1106	0.7439
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-9-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.2622	0.1341	0.2795	0.1885	0.4388
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8856	0.1144	0.7440	0.4269	0.4764
shuttle	0.9333	0.0191	0.5096	0.7935	0.1900
sick	0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9188	0.0812	0.8779	0.7557	0.4666
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1541	-0.1194	0.8875
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.7479	0.2521	0.7337	0.4665	0.7624
soil_pollution	0.2033	0.3187	0.2056	0.0026	0.8626
solar-flare	0.7554	0.0815	0.6869	0.6850	0.1857
sonar	0.4000	0.6000	0.4000	-0.2000	1.0000
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9430	0.0570	0.8110	0.6114	0.4556
spambase	0.9087	0.0913	0.9043	0.8058	0.3907
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer	0.4038	0.0442	0.2433	0.3666	0.2014
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles	0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7537	0.1642	0.7009	0.5988	0.4698
steel-b	0.8256	0.1744	0.7006	0.3742	0.6660
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.7744	0.2256	0.7417	0.4507	0.6572
steel-p	0.9333	0.0667	0.7482	0.4840	0.5404
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.8709	0.0861	0.8791	0.7829	0.2967
stock	0.9097	0.0903	0.8381	0.6702	0.4796
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8000	0.2000	0.7975	0.5949	0.6667
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6450	0.1420	0.3614	0.4059	0.3789
student-depression	0.8348	0.1652	0.8287	0.6563	0.5969
student-habits	0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend	0.3385	0.2646	0.2131	0.0848	0.7165
student-workday	0.6719	0.1313	0.1686	0.0980	0.4939
studentap	0.4615	0.3590	0.4444	0.1727	0.7144
susy	0.7880	0.2120	0.7880	0.5664	0.6593
susy1%	0.7942	0.2058	0.7939	0.5797	0.6519
susy10%	0.7893	0.2107	0.7891	0.5695	0.6595
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.9034	0.0966	0.8747	0.7490	0.4700
texture	0.9964	0.0007	0.9965	0.9960	0.0059
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9035	0.0965	0.8715	0.7428	0.4886
tis10%	0.8731	0.1269	0.8219	0.6399	0.5541
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.8824	0.0588	0.9083	0.8440	0.0951
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.0732	0.2060	0.0152	0.0000	0.3657
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.1212	0.3515	0.0432	0.0000	0.2551
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.8250	0.0875	0.8268	0.7667	0.2280
tvnews	0.8985	0.1015	0.8901	0.7801	0.4495
tvnews1%	0.9308	0.0692	0.9261	0.8520	0.3518
tvnews10%	0.9013	0.0987	0.8930	0.7850	0.4329
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8486	0.7910	0.1449
urinalysis	0.9510	0.0490	0.7039	0.3436	0.4349
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7500	0.1250	0.7356	0.6670	0.2101
vehicleVAN	0.9643	0.0357	0.9523	0.9000	0.1262
voice	0.8333	0.1667	0.8537	0.6667	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5051	0.0900	0.4554	0.4556	0.2219
vowelZ	0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17	0.9223	0.0777	0.7091	0.3654	0.4957
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.5901	0.1171	0.5769	0.5196	0.4459
watch-acc1%	0.6072	0.1122	0.5932	0.5393	0.4364
watch-acc10%	0.6040	0.1131	0.5877	0.5354	0.4437
watch-gyr	0.6018	0.1138	0.5910	0.5341	0.4061
watch-gyr1%	0.5961	0.1154	0.5789	0.5276	0.4173
watch-gyr10%	0.5828	0.1192	0.5690	0.5119	0.4142
water_pollution	0.2100	0.3950	0.2113	-0.0533	0.8877
waveform	0.8520	0.0987	0.8521	0.7780	0.3485
weather-related	0.9635	0.0066	0.9640	0.9585	0.0483
web-phishing	0.8222	0.1185	0.6635	0.6687	0.3896
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.8818	0.0473	0.8758	0.8502	0.1964
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9752	0.0248	0.8526	0.6876	0.2866
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6038	0.1321	0.2773	0.3435	0.3787
winequality-white	0.5194	0.1373	0.2439	0.2123	0.4237
winnipeg	0.0720	0.2651	0.0371	-0.0178	0.4630
winnipeg10%	0.9902	0.0028	0.9862	0.9876	0.0214
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.4662	0.1068	0.2929	0.3095	0.4105
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9312	0.0138	0.9253	0.9228	0.1048

Table 255: Detailed results for BGLM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1952	0.0766	0.1445	0.1150	0.4864
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.2369	0.7631	0.1915	0.0000	0.4299
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.8095	0.1905	0.5447	0.0437	0.6386
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red	0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered	0.9029	0.0971	0.5598	0.1166	0.6834
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8545	0.1455	0.7886	0.5630	0.5768
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8510	0.1490	0.5880	0.0211	0.3661
airline	0.8744	0.1256	0.8719	0.7435	0.5028
alcohol	0.8000	0.0800	0.4179	0.5135	0.1838
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8419	0.1581	0.8252	0.6498	0.5969
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family	0.9527	0.0236	0.8942	0.9089	0.1979
anuran-genus	0.9680	0.0080	0.9377	0.9469	0.1067
anuran-species	0.9806	0.0039	0.9547	0.9729	0.0521
anxiety	0.0917	0.2019	0.0855	-0.0241	0.8033
apple-quality	0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure	0.9913	0.0087	0.8665	0.7274	0.3115
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7500	0.2500	0.7462	0.4898	0.7480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.6889	0.0479	0.4083	0.4772	0.3413
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.8182	0.0331	0.7237	0.7859	0.0790
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.5649	0.0725	0.4754	0.3557	0.4050
babies	0.4274	0.1636	0.1396	0.0948	0.4943
balance	0.8871	0.0753	0.7647	0.8002	0.3634
bank	0.9104	0.0896	0.7473	0.4822	0.5696
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9973	0.0027	0.9186	0.8298	0.1311
bio10%	0.9959	0.0041	0.9030	0.7980	0.4348
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	-0.0000	0.0318
body-perf	0.6343	0.1828	0.6325	0.5124	0.4981
bookings	0.9899	0.0067	0.7539	0.9786	0.0523
brain-tumor	0.5080	0.4920	0.5079	0.0159	0.9953
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5820	0.5644	0.1810
bridges	0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17	0.9100	0.0900	0.6609	0.0189	0.2078
bub12at310k-hg16-17	0.9096	0.0904	0.6307	0.0129	0.2267
bub8at310k-hg16-17	0.9099	0.0901	0.6414	0.0190	0.2251
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4900	0.3400	0.2584	-0.0047	0.3805
car	0.8966	0.0517	0.8773	0.7799	0.2697
car-insurance	0.8320	0.1680	0.8008	0.6003	0.6312
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.8498	0.0300	0.8026	0.8197	0.1745
cardiotocography-nsp	0.8920	0.0720	0.8070	0.7004	0.3640
cardiovascular	0.7198	0.2802	0.7205	0.4395	0.7908
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6268	0.5084	0.5331
cas_N6512_cdk_ECFP2	0.7512	0.2488	0.7490	0.4975	0.7487
cas_N6512_rdkit_ATOMPAIR	0.7323	0.2677	0.7300	0.4596	0.7773
cas_N6512_RDkit_AtomPair_FP	0.7285	0.2715	0.7261	0.4514	0.7821
cas_N6512_rdkit_AVALON	0.7558	0.2442	0.7552	0.5100	0.7406
cas_N6512_RDkit_Avalon_FP	0.7684	0.2316	0.7671	0.5342	0.7216
cas_N6512_rdkit_descriptors	0.7492	0.2508	0.7477	0.4954	0.7525
cas_N6512_rdkit_FEATMORGAN	0.7527	0.2473	0.7511	0.5022	0.7471
cas_N6512_RDkit_Featmorgan_FP	0.7638	0.2362	0.7620	0.5237	0.7288
cas_N6512_RDkit_FP	0.7147	0.2853	0.7124	0.4244	0.8024
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.7439	0.2561	0.7418	0.4831	0.7601
cas_N6512_rdkit_MACCS	0.7680	0.2320	0.7663	0.5290	0.7129
cas_N6512_RDkit_MACCS_FP	0.7561	0.2439	0.7549	0.5097	0.7414

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.7431	0.2569	0.7410	0.4817	0.7615
cas_N6512_RDkit_morgan_FP	0.7623	0.2377	0.7606	0.5212	0.7317
cas_N6512_rdkit_PATTERN	0.7877	0.2123	0.7865	0.5731	0.6883
cas_N6512_RDkit_pattern_FP	0.7776	0.2224	0.7767	0.5533	0.7055
cas_N6512_rdkit_RDKITFP	0.7235	0.2765	0.7224	0.4446	0.7899
cas_N6512_rdkit_TORSION	0.7185	0.2815	0.7163	0.4324	0.7975
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8485	0.1010	0.4248	0.2036	0.3248
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7927	0.2073	0.7762	0.5519	0.6956
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9453	0.0547	0.5805	0.1196	0.5510
CDS49_AID687_Rdkit-ecfp4-fp	0.9970	0.0030	0.4992	-0.0010	0.4761
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9542	0.0458	0.7566	0.4801	0.4385
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8965	0.0517	0.8845	0.8450	0.2149
chrom19	0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml	0.8689	0.1311	0.6742	0.2844	0.5710
ci900367j_MACCS	0.7368	0.2632	0.7164	0.4317	0.7823
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575
cjs	0.2429	0.2524	0.0651	0.0000	0.3839
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8028	0.0986	0.5626	0.6907	0.3152
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4709	0.2006	0.7442
cnae-9	0.9722	0.0062	0.9729	0.9688	0.0312
codon_usage	0.8864	0.0207	0.7437	0.8618	0.1878
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4	0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7740	0.2260	0.7741	0.5481	0.7105
coupon	0.6814	0.3186	0.6718	0.3421	0.8468
covid19	0.5389	0.1317	0.2169	0.1647	0.3327
covtype	0.7257	0.0784	0.5496	0.5499	0.3755

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.7207	0.0798	0.5591	0.5400	0.3737
covtypeCD	0.9473	0.0527	0.8830	0.7630	0.3748
covtypeT	0.9429	0.0571	0.7444	0.4713	0.5159
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9994	0.0006	0.9058	0.8043	0.1705
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9023	0.0326	0.8042	0.7938	0.2605
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4688	0.0266	0.3281	0.4549	0.0759
customer-churn	0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity	0.1633	0.2789	0.1648	-0.0070	0.8743
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7407	0.2593	0.7349	0.4698	0.7686
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1002	0.1800	0.0996	0.0000	0.9226
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8147	0.1853	0.6859	0.3008	0.5989
defect	0.8827	0.1173	0.7477	0.4323	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9013	0.0987	0.7201	0.4163	0.5765
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.3639	0.1351	0.4618
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.7500	0.1667	0.7616	0.6098	0.2841
DIA	0.7500	0.2500	0.6593	0.3182	0.8034
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9566	0.0434	0.8457	0.6772	0.3560
diabetes-risk	0.8521	0.1479	0.7531	0.4922	0.6210
diabetic1%	0.5882	0.2745	0.4003	0.2287	0.5238
diabetic10%	0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6568	0.1373	0.5574	0.5012	0.4381
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.0957	0.9043	0.0873	0.0000	0.2285
dota2	0.6003	0.3997	0.5970	0.1924	0.9262
dota210%	0.5689	0.4311	0.5655	0.1301	0.9537
drebin	0.9807	0.0193	0.9793	0.9586	0.1361
dropout	0.7720	0.1520	0.6942	0.6177	0.4586
drug-01	0.4149	0.1672	0.1842	0.0935	0.5587
drug-02	0.5160	0.1383	0.1803	0.1117	0.5394
drug-03	0.6596	0.0973	0.1318	0.0143	0.3933
drug-04	0.5000	0.1429	0.1355	0.0661	0.6300
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4043	0.1702	0.2151	0.2389	0.5496
drug-07	0.4468	0.1581	0.1329	0.0531	0.3544
drug-08	0.5585	0.1261	0.1812	0.1133	0.4257
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.2199	0.1420	0.3665
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-13	0.6170	0.1094	0.1785	0.2433	0.3893
drug-14	0.5957	0.1155	0.2588	0.2394	0.4885
drug-15	0.7500	0.0714	0.1232	0.0152	0.2713
drug-16	0.5904	0.1170	0.2466	0.3016	0.3848
drug-17	0.3564	0.1839	0.1637	0.1063	0.5345
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7553	0.0699	0.1229	-0.0198	0.2767
drybean	0.9280	0.0206	0.9403	0.9129	0.1185
ecoli	0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2596	0.0140	0.8437
eeg	0.3850	0.0769	0.4332	0.3183	0.6315
eeg-eye	0.6395	0.3605	0.6312	0.2573	0.8851
eeg10%	0.3875	0.0766	0.4218	0.3218	0.6089
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6712	0.1315	0.6504	0.5765	0.3867
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq	0.8955	0.1045	0.8966	0.7912	0.4365
exon.vs.intron-freq10%	0.8900	0.1100	0.8906	0.7800	0.4561
fakenews	0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.8089	0.0225	0.7597	0.7814	0.1477
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.8425	0.0525	0.6593	0.7497	0.2557
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9914	0.0029	0.9917	0.9895	0.0236
gastrointestinal	0.5625	0.2917	0.5460	0.2956	0.5871
gender	0.6021	0.2653	0.3807	0.1449	0.5100
gene	0.9117	0.0589	0.9021	0.8586	0.2565
german	0.7500	0.2500	0.7121	0.3812	0.6824
gestures	0.3219	0.3390	0.3204	0.0959	0.8164
gina	0.8184	0.1816	0.8184	0.6365	0.6276
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6667	0.1111	0.6934	0.5288	0.2337
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.6000	0.2000	0.5958	0.4578	0.4065
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.9680	0.0053	0.8666	0.9622	0.0320
har	0.7971	0.0811	0.7867	0.7422	0.3352
har70	0.7731	0.0648	0.4321	0.6326	0.1595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har701%	0.7739	0.0646	0.4351	0.6345	0.1650
har7010%	0.7709	0.0654	0.4263	0.6294	0.1645
harth	0.6776	0.0537	0.2673	0.5412	0.2456
harth1%	0.6768	0.0539	0.2649	0.5406	0.2395
harth10%	0.6761	0.0540	0.2677	0.5390	0.2444
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.8365	0.1635	0.8365	0.6729	0.5907
hepmass1%	0.8366	0.1634	0.8366	0.6731	0.5905
hepmass10%	0.8358	0.1642	0.8358	0.6715	0.5922
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.6421	0.3579	0.6390	0.2738	0.8810
higgs0.1%	0.6600	0.3400	0.6573	0.3120	0.8652
higgs1%	0.6420	0.3580	0.6389	0.2720	0.8775
higgs10%	0.6421	0.3579	0.6394	0.2740	0.8798
higher	0.2857	0.1786	0.2391	0.1667	0.3154
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9292	0.0708	0.8728	0.7454	0.4508
hiva	0.9480	0.0520	0.4867	-0.0231	0.6309
horse	0.6111	0.2593	0.5689	0.3386	0.6753
hotel-reservartions	0.8236	0.1764	0.7942	0.5848	0.6365
hr	0.8526	0.1474	0.4602	-0.0199	0.5496
ht-sensor	0.5937	0.2709	0.5974	0.3875	0.6379
ht-sensor10%	0.5846	0.2769	0.5882	0.3741	0.6473
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9337	0.0332	0.4683	0.4037	0.0722
hypothyroidT	0.9655	0.0345	0.8767	0.7533	0.4085
ilpd	0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9640	0.0180	0.9641	0.9520	0.0759
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9345	0.0050	0.9361	0.9319	0.0583
jm1	0.8163	0.1837	0.6289	0.1485	0.5583
jvowels	0.9578	0.0094	0.9553	0.9522	0.0672
kc1	0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6154	0.1538	0.3650	0.2935	0.3817
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9970	0.0005	0.8088	0.9949	0.0185
kepler	0.8818	0.0788	0.8389	0.8051	0.2076
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krkopt	0.2859	0.0793	0.2460	0.1908	0.6115
krvskp	0.9749	0.0251	0.9749	0.9498	0.1583
la1s-wc	0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7941	0.0179	0.8018	0.7836	0.0614
led24	0.6500	0.0700	0.6322	0.6034	0.1499
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8350	0.0127	0.8343	0.8283	0.1711
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.9167	0.0111	0.9305	0.9105	0.0381
linkage	1.0000	0.0000	0.9993	0.9986	0.0030
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9204	0.0796	0.9148	0.8292	0.3758
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8679	0.0264	0.4539	0.8143	0.0702
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5769	0.4231	0.5781	0.1538	0.9406
magic04	0.7817	0.2183	0.7523	0.4971	0.7031
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.9018	0.0982	0.7768	0.5110	0.4530
maternal	0.6040	0.2640	0.6025	0.3915	0.5826
math	0.8000	0.1000	0.7323	0.6875	0.2533
mba	0.8242	0.1172	0.3834	0.1130	0.3773
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2467	0.3013	0.2520	0.0569	0.8333
messidor	0.7304	0.2696	0.7298	0.4578	0.7758
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.9750	0.0050	0.9754	0.9722	0.0291
mfeat-fou	0.8650	0.0270	0.8660	0.8500	0.1249
mfeat-kar	0.9700	0.0060	0.9710	0.9667	0.0353
mfeat-mor	0.7150	0.0570	0.7183	0.6833	0.2025
mfeat-pix	0.9800	0.0040	0.9806	0.9778	0.0250
mfeat-zer	0.8200	0.0360	0.8237	0.8000	0.1064
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9151	0.0566	0.9152	0.8712	0.1964
mines	0.5294	0.1882	0.4634	0.4106	0.3962
mobile	0.8741	0.0045	0.8845	0.8718	0.0604
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4906	0.0926	0.4951	0.3801	0.5120
musk	0.9379	0.0621	0.8732	0.7235	0.2657
MUT_ci300400a_cdk_ECFP2	0.8094	0.1906	0.8025	0.6036	0.6485
MUT_ci300400a_cdk_ECFP4	0.7868	0.2132	0.7795	0.5586	0.6940
MUT_ci300400a_cdk_ECFP6	0.7569	0.2431	0.7480	0.4948	0.7434
MUT_ci300400a_cdk_ESTATE	0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED	0.7902	0.2098	0.7838	0.5676	0.6888
MUT_ci300400a_cdk_FCFP2	0.7820	0.2180	0.7746	0.5487	0.7026
MUT_ci300400a_cdk_FCFP4	0.7770	0.2230	0.7695	0.5388	0.7116
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.7626	0.2374	0.7529	0.5016	0.7273
MUT_ci300400a_cdk_PUBCHEM	0.8335	0.1665	0.8276	0.6537	0.5974
MUT_ci300400a_cdk_STANDARD	0.7808	0.2192	0.7747	0.5494	0.7053
MUT_ci300400a_rdkit_descriptors	0.7895	0.2105	0.7835	0.5662	0.6869
myocardial	0.8706	0.0324	0.3527	0.4479	0.4859
naticusdroid	0.9628	0.0372	0.9629	0.9257	0.2123
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.5799	0.0442	0.2629	0.0785	0.5294
ncRNA10%	0.2024	0.0840	0.2752	0.0776	0.6310
neo	0.9027	0.0973	0.6080	0.1117	0.4714
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6478	0.3522	0.6450	0.2893	0.8823
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9431	0.0569	0.9302	0.8604	0.3270
NPHA-doctor-visits	0.4861	0.3426	0.2815	-0.0382	0.6639
nursery	0.9329	0.0269	0.7193	0.9014	0.1202
obesity	0.9573	0.0122	0.9565	0.9502	0.0646
obs	0.8333	0.0833	0.8768	0.7477	0.1984
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9941	0.0030	0.9784	0.9819	0.0130
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0761	0.1848	0.0141	0.0000	0.3996
oh5-wc	0.0549	0.1890	0.0104	0.0000	0.4076
olive	0.9298	0.0156	0.9174	0.9123	0.0441
opn310k	0.9092	0.0908	0.6567	0.0019	0.2090
opn310k10%	0.9133	0.0867	0.6366	0.0549	0.2693
opnat310k-hg16-17	0.9092	0.0908	0.6251	0.0055	0.2193
optdigits	0.9786	0.0043	0.9797	0.9763	0.0327
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr	0.9209	0.0791	0.6211	0.1984	0.5790
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7938	0.2062	0.7780	0.5538	0.6913
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9799	0.0080	0.9386	0.8837	0.0939
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.7962	0.2038	0.7909	0.5784	0.6736
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle	0.9108	0.0892	0.8891	0.7782	0.4437
particle10%	0.9054	0.0946	0.8838	0.7675	0.4653
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.9791	0.0042	0.9792	0.9767	0.0357
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7988	0.2012	0.7842	0.5680	0.6805
personalities	0.9515	0.0061	0.9515	0.9483	0.0826
pet-adoption	0.9200	0.0800	0.9103	0.8088	0.2835
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.7052	0.0842	0.6863	0.6549	0.2784
phone-acc1%	0.7200	0.0800	0.6923	0.6721	0.2623
phone-acc10%	0.6493	0.1002	0.6506	0.5900	0.3308
phone-gyr0.1%	0.6999	0.0857	0.6706	0.6483	0.2819
phone-gyr1%	0.7074	0.0836	0.6803	0.6573	0.2831
phone-gyr10%	0.6357	0.1041	0.6379	0.5745	0.3522
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.7066	0.2934	0.7066	0.4131	0.8120
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9928	0.0048	0.9876	0.9774	0.0608
placement	0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th	0.9374	0.0626	0.6815	0.2542	0.3924
polya	0.7849	0.2151	0.7594	0.5140	0.7011
popularity	0.6625	0.2250	0.4423	0.2063	0.5023
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8474	0.0611	0.8478	0.8091	0.2502
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7062	0.4118	0.8115
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5758	0.0653	0.4625	0.5266	0.2109
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.8060	0.1940	0.7737	0.5442	0.6746
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.2620	0.2952	0.0830	0.0000	0.3607
puc-rio10%	0.8546	0.0582	0.8033	0.8047	0.2381
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%	0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-64	0.5020	0.4980	0.5020	0.0040	0.9980
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%	0.5019	0.4981	0.5019	0.0038	0.9989
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.4133	0.0903	0.1076	0.0347	0.2711
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9868	0.0132	0.9867	0.9733	0.0921
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6081	0.3919	0.5793	0.1540	0.9234
RT_IOT2022	0.9425	0.0096	0.8989	0.8556	0.0322
satimage	0.8631	0.0456	0.8343	0.8306	0.1951
satimageF	0.9829	0.0171	0.9552	0.9101	0.1937
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8782	0.1218	0.5916	0.1767	0.6389
secondary_mushroom	0.8721	0.1279	0.8710	0.7418	0.5100
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9610	0.0111	0.9646	0.9544	0.0560
segmentation	0.8168	0.1832	0.7977	0.5945	0.6489
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8474	0.1526	0.5114	0.0143	0.6901
sens-3-gram	0.7605	0.2395	0.5570	0.1106	0.7439
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9082	0.0167	0.9087	0.8990	0.0938
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8856	0.1144	0.7440	0.4269	0.4764
shuttle	0.9695	0.0087	0.8658	0.9118	0.1773
sick	0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9188	0.0812	0.8779	0.7557	0.4666
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1800	0.4100	0.1726	-0.0974	0.8728
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.7479	0.2521	0.7337	0.4665	0.7624
soil_pollution	0.1967	0.3213	0.1992	-0.0057	0.8713
solar-flare	0.7626	0.0791	0.6918	0.6941	0.1853
sonar	0.4000	0.6000	0.4000	-0.2000	1.0000
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9430	0.0570	0.8110	0.6114	0.4556
spambase	0.9087	0.0913	0.9043	0.8058	0.3907
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer	0.7308	0.0199	0.6249	0.7144	0.0887
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles	0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7597	0.1602	0.7110	0.6104	0.4635

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-b	0.8256	0.1744	0.7006	0.3742	0.6660
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.7744	0.2256	0.7417	0.4507	0.6572
steel-p	0.9333	0.0667	0.7482	0.4840	0.5404
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.9646	0.0236	0.9591	0.9369	0.1217
stock	0.9097	0.0903	0.8381	0.6702	0.4796
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.8000	0.2000	0.7975	0.5949	0.6667
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6350	0.1460	0.3546	0.3965	0.4099
student-depression	0.8348	0.1652	0.8287	0.6563	0.5969
student-habits	0.4100	0.2360	0.1886	0.0638	0.4631
student-weekend	0.3846	0.2462	0.3125	0.1591	0.6287
student-workday	0.6719	0.1313	0.1670	0.0801	0.4927
studentap	0.3846	0.4103	0.3833	0.0545	0.7688
susy	0.7880	0.2120	0.7880	0.5664	0.6593
susy1%	0.7942	0.2058	0.7939	0.5797	0.6519
susy10%	0.7893	0.2107	0.7891	0.5695	0.6595
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn	0.9034	0.0966	0.8747	0.7490	0.4700
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9035	0.0965	0.8715	0.7428	0.4886
tis10%	0.8731	0.1269	0.8219	0.6399	0.5541
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.8824	0.0588	0.8875	0.8426	0.1448
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.0732	0.2060	0.0152	0.0000	0.3657
trec12-wc	0.1613	0.2097	0.0347	0.0000	0.3749
trec21-wc	0.1212	0.3515	0.0432	0.0000	0.2551
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.8750	0.0625	0.8864	0.8333	0.1600
tvnews	0.8985	0.1015	0.8901	0.7801	0.4495
tvnews1%	0.9308	0.0692	0.9261	0.8520	0.3518
tvnews10%	0.9013	0.0987	0.8930	0.7850	0.4329
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8657	0.0299	0.8688	0.8425	0.1043
urinalysis	0.9510	0.0490	0.7039	0.3436	0.4349
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vehicle	0.7738	0.1131	0.7521	0.6973	0.1905
vehicleVAN	0.9643	0.0357	0.9523	0.9000	0.1262
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5859	0.0753	0.6157	0.5444	0.2193
vowelZ	0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17	0.9223	0.0777	0.7091	0.3654	0.4957
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.6874	0.0893	0.6761	0.6340	0.3483
watch-acc1%	0.6758	0.0926	0.6638	0.6204	0.3560
watch-acc10%	0.6860	0.0897	0.6729	0.6322	0.3446
watch-gyr	0.6047	0.1129	0.6233	0.5390	0.3851
watch-gyr1%	0.6416	0.1024	0.6408	0.5808	0.3472
watch-gyr10%	0.5459	0.1297	0.5690	0.4705	0.4198
water_pollution	0.2200	0.3900	0.2213	-0.0400	0.8825
waveform	0.8380	0.1080	0.8381	0.7570	0.3725
weather-related	0.9731	0.0049	0.9739	0.9695	0.0408
web-phishing	0.8074	0.1284	0.6427	0.6497	0.5026
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.9187	0.0325	0.9166	0.8971	0.1462
white-clover	0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9752	0.0248	0.8526	0.6876	0.2866
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5786	0.1405	0.2667	0.3130	0.4541
winequality-white	0.5276	0.1350	0.2629	0.2414	0.4203
winnipeg	0.0035	0.2847	0.0010	0.0000	0.3888
winnipeg10%	0.9911	0.0025	0.9930	0.9887	0.0197
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.5068	0.0986	0.3404	0.3626	0.3409
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9462	0.0108	0.9422	0.9397	0.0846

Table 256: Detailed results for BoostTree

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1319	0.0599	0.0777	0.0574	0.6621
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.9178	0.0822	0.6033	0.2065	0.6507
accelerometer	0.9800	0.0200	0.6603	0.3095	0.5385
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9207	0.0793	0.8519	0.6987	0.5299
adult	0.8319	0.1681	0.7599	0.5186	0.6719
advanced-iot	0.9883	0.0039	0.9886	0.9860	0.0259
AID_1431	0.8730	0.1270	0.5665	0.1318	0.7120
AID_1431_KlekotaRothFingerprinter	0.8413	0.1587	0.5020	0.0040	0.7137
AID_1431_MACCSFingerprinter	0.8651	0.1349	0.5587	0.1171	0.7128
AID_1878	0.7238	0.2762	0.5785	0.1549	0.8023
AID_602330	0.9375	0.0625	0.5566	0.1111	0.6388
AID_652128	0.8384	0.1077	0.4663	0.1344	0.6272
AID1284Morered	0.7778	0.2222	0.6049	0.2044	0.7424
AID1284red	0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered	0.9029	0.0971	0.7049	0.3941	0.6251
AID1608red	0.8738	0.1262	0.4663	-0.0669	0.6366
AID362red	0.9790	0.0210	0.4947	-0.0094	0.5789
AID373AID439red	0.9908	0.0092	0.4977	-0.0003	0.0271
AID373red	0.9843	0.0157	0.4960	-0.0019	0.0946
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9860	0.0140	0.4965	-0.0047	0.2875
AID604	0.9937	0.0063	0.7650	0.4710	0.5179
AID604AID644_AllRed	0.9701	0.0299	0.5335	0.0091	0.0595
AID644Morered	0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red	0.5500	0.4500	0.5330	0.0625	0.8958
AID687AID721red	0.9806	0.0194	0.4951	-0.0012	0.0479
AID687red	0.9897	0.0103	0.4974	-0.0043	0.3689
AID688red	0.9787	0.0213	0.4946	-0.0106	0.4989
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9619	0.0381	0.4903	-0.0020	0.0431
AID746red	0.9854	0.0146	0.5807	0.1487	0.4811
aids	0.8498	0.1502	0.7892	0.5764	0.6246
air_pollution	0.2533	0.2133	0.1461	0.0121	0.8817
air-booking	0.7952	0.2048	0.5913	0.1825	0.7767
airline	0.9472	0.0528	0.9462	0.8925	0.2790
alcohol	0.9238	0.0305	0.8417	0.8360	0.1621
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.8977	0.1023	0.8868	0.7692	0.4245
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9722	0.0278	0.7578	0.3664	0.4238
anuran-family	0.9722	0.0139	0.9158	0.9468	0.0929
anuran-genus	0.9583	0.0104	0.8775	0.9318	0.1679
anuran-species	0.9569	0.0086	0.9077	0.9404	0.1329
anxiety	0.0750	0.2056	0.0699	-0.0405	0.8423
apple-quality	0.7975	0.2025	0.7976	0.5950	0.6685
aps-failure	0.9476	0.0524	0.6920	0.2992	0.4630
arabidopsis0.1%	0.9794	0.0206	0.4948	-0.0102	0.4962
arabidopsis1%	0.9873	0.0127	0.5199	0.0383	0.5615
arabidopsis10%	0.9910	0.0090	0.5129	0.0110	0.3872
arcene	0.7500	0.2500	0.7462	0.4898	0.7480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.6667	0.0513	0.3137	0.4161	0.3087
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.8261	0.0145	0.3464	0.7991	0.0454
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult	0.9429	0.0571	0.9278	0.8555	0.3348
autism-child	0.9310	0.0690	0.9354	0.8626	0.2605
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.9272	0.0121	0.9267	0.9051	0.1399
babies	0.3871	0.1751	0.2113	0.1279	0.5895
balance	0.8548	0.0968	0.6771	0.7426	0.4010
bank	0.8864	0.1136	0.7153	0.4306	0.6603
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8410	0.1590	0.8257	0.6504	0.5945
basehock	0.9497	0.0503	0.9498	0.8995	0.2655
bio	0.9612	0.0388	0.6978	0.2558	0.3714
bio10%	0.9774	0.0226	0.7100	0.3442	0.4764
biodeg	0.8762	0.1238	0.8713	0.7412	0.5090
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9805	0.0013	0.0515	0.1434	0.4535
bitcoin10%	0.9810	0.0013	0.0907	0.2753	0.7102
body-perf	0.6172	0.1914	0.6191	0.4896	0.5265
bookings	0.9828	0.0114	0.7819	0.9636	0.1222
brain-tumor	0.5000	0.5000	0.5000	-0.0000	1.0000
breast-cancer	0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.6655	0.6667	0.1595
bridges	0.7000	0.0857	0.5205	0.5946	0.1621
bub10at310k-hg16-17	0.8834	0.1166	0.6164	0.2308	0.6956
bub12at310k-hg16-17	0.8861	0.1139	0.6228	0.2430	0.6913
bub8at310k-hg16-17	0.8833	0.1167	0.6380	0.2758	0.6889
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4210	0.3860	0.3177	-0.0144	0.8134
car	0.9770	0.0115	0.9682	0.9502	0.0757
car-insurance	0.8110	0.1890	0.7824	0.5647	0.6764
card	0.8551	0.1449	0.8505	0.6997	0.5480
cardiotocography	0.8169	0.0366	0.7505	0.7807	0.2310
cardiotocography-nsp	0.9014	0.0657	0.8043	0.7385	0.3860
cardiovascular	0.6509	0.3491	0.6509	0.3019	0.8791
cargo2k	0.9213	0.0525	0.9285	0.8822	0.1558
cars	0.7500	0.1667	0.6784	0.5531	0.4427
cas_N6512_cdk_ECFP2	0.6989	0.3011	0.6974	0.3947	0.8232
cas_N6512_rdkit_ATOMPAIR	0.7246	0.2754	0.7221	0.4434	0.7877
cas_N6512_RDkit_AtomPair_FP	0.7270	0.2730	0.7247	0.4489	0.7850
cas_N6512_rdkit_AVALON	0.7926	0.2074	0.7911	0.5820	0.6791
cas_N6512_RDkit_Avalon_FP	0.7653	0.2347	0.7644	0.5287	0.7262
cas_N6512_rdkit_descriptors	0.7769	0.2231	0.7756	0.5513	0.7072
cas_N6512_rdkit_FEATMORGAN	0.7373	0.2627	0.7354	0.4708	0.7706
cas_N6512_RDkit_Featmorgan_FP	0.7485	0.2515	0.7471	0.4942	0.7535
cas_N6512_RDkit_FP	0.7301	0.2699	0.7282	0.4564	0.7812
cas_N6512_rdkit_LAYERED	0.7508	0.2492	0.7498	0.4995	0.7493
cas_N6512_RDkit_Layered_FP	0.7393	0.2607	0.7371	0.4739	0.7672
cas_N6512_rdkit_MACCS	0.7788	0.2212	0.7771	0.5514	0.6964
cas_N6512_RDkit_MACCS_FP	0.7715	0.2285	0.7710	0.5417	0.7149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.7569	0.2431	0.7552	0.5103	0.7403
cas_N6512_RDkit_morgan_FP	0.7347	0.2653	0.7325	0.4645	0.7739
cas_N6512_rdkit_PATTERN	0.7477	0.2523	0.7469	0.4936	0.7538
cas_N6512_RDkit_pattern_FP	0.7592	0.2408	0.7597	0.5182	0.7323
cas_N6512_rdkit_RDKITFP	0.7435	0.2565	0.7418	0.4837	0.7613
cas_N6512_rdkit_TORSION	0.7015	0.2985	0.6994	0.3987	0.8203
ccds1%	0.9341	0.0659	0.5543	0.1086	0.6244
ccds10%	0.9630	0.0370	0.6475	0.1119	0.2433
cdc_diabetes	0.7878	0.1414	0.4070	0.1909	0.6553
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7865	0.5702	0.6788
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9435	0.0565	0.6889	0.3763	0.6098
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9380	0.0620	0.6350	0.2679	0.6278
CDS49_AID687_Rdkit-ecfp4-fp	0.9882	0.0118	0.4970	-0.0039	0.2751
census	0.9281	0.0719	0.7055	0.4108	0.6230
census10%	0.9295	0.0705	0.6890	0.3780	0.6265
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia	0.9224	0.0388	0.9170	0.8840	0.1805
chrom19	0.9991	0.0009	0.8154	0.6138	0.5217
chrom191%	0.9965	0.0035	0.4991	-0.0016	0.3963
chrom1910%	0.9995	0.0005	0.8784	0.7565	0.3917
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.6573	0.2802	0.5792
churn	0.8180	0.1820	0.7147	0.4292	0.7210
churn-bigml	0.9213	0.0787	0.8476	0.6945	0.5205
ci900367j_MACCS	0.6947	0.3053	0.6813	0.3618	0.8310
circles	0.9980	0.0000	0.9981	0.9980	0.0011
cirrhosis	0.7381	0.1746	0.5077	0.4889	0.4566
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7611	0.1194	0.6147	0.6378	0.5008
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.9167	0.0556	0.9342	0.8605	0.1186
cm1	0.8400	0.1600	0.6257	0.2453	0.6924
cmc	0.5170	0.3220	0.5008	0.2492	0.7369
cnae-9	0.9167	0.0185	0.9238	0.9062	0.0750
codon_usage	0.8526	0.0268	0.7620	0.8209	0.2458
coil20	0.9583	0.0042	0.9602	0.9561	0.0295
college	0.9091	0.0909	0.8921	0.7806	0.4581
collins	0.8800	0.0160	0.7661	0.8678	0.0487
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2	0.7241	0.2759	0.7071	0.4141	0.7994
colposcopies-3	0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4	0.6897	0.3103	0.6266	0.2521	0.8468
colposcopies-5	0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6	0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c	0.7586	0.2414	0.6226	0.2281	0.7911
column-2c	0.8387	0.1613	0.8114	0.6210	0.6099
column-3c	0.7742	0.1505	0.7197	0.6401	0.2818
comedy_comparisons1%	0.5101	0.4899	0.4804	-0.0114	0.7363
connect-4	0.9932	0.0045	0.8832	0.8393	0.2229
cottonmeloidogyne	0.7043	0.2957	0.7043	0.4086	0.8155
coupon	0.7232	0.2768	0.7162	0.4319	0.7934

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.4224	0.1650	0.1887	0.0718	0.7361
covtype	0.9391	0.0174	0.9094	0.9023	0.1701
covtype10%	0.8558	0.0412	0.7760	0.7675	0.3164
covtypeCD	0.9920	0.0080	0.9833	0.9666	0.1256
covtypeT	0.9860	0.0140	0.9457	0.8913	0.2389
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9961	0.0039	0.7552	0.4234	0.4853
creditcard_trans10%	0.9958	0.0042	0.6948	0.3316	0.4752
crowdsourced	0.9023	0.0326	0.7298	0.7994	0.3394
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.5625	0.0219	0.4116	0.5497	0.0680
customer-churn	0.9788	0.0212	0.7272	0.4538	0.5418
cybersecurity	0.1433	0.2856	0.1405	-0.0282	0.8934
cyclopentane	0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands	0.7407	0.2593	0.7385	0.4757	0.7630
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dating	0.1048	0.1790	0.1047	0.0053	0.9269
day1%	0.9512	0.0488	0.9490	0.8958	0.2759
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7737	0.2263	0.6558	0.3102	0.7859
defect	0.9259	0.0741	0.8553	0.7069	0.4468
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8781	0.1219	0.7053	0.4107	0.6730
depressed	0.7343	0.2657	0.4710	-0.0568	0.8434
dermatology	0.9189	0.0270	0.9249	0.8991	0.0971
desharnais	0.6250	0.2500	0.4037	0.2727	0.4605
dexter	0.8500	0.1500	0.8550	0.7000	0.5201
df_final	0.8125	0.1250	0.8268	0.7108	0.3168
DIA	0.8000	0.2000	0.7333	0.4667	0.7248
diabetes	0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-100k	0.9555	0.0445	0.8514	0.7017	0.4433
diabetes-risk	0.8875	0.1125	0.8280	0.6559	0.5610
diabetic	0.5106	0.3263	0.4009	0.1249	0.7672
diabetic1%	0.4706	0.3529	0.4008	0.0694	0.7477
diabetic10%	0.4794	0.3471	0.3669	0.0742	0.7872
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.6832	0.1267	0.6679	0.5560	0.4449
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6667	0.3333	0.6495	0.2941	0.8617
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9950	0.0050	0.4987	-0.0025	0.5344
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9304	0.0696	0.7832	0.5623	0.5389
dota2	0.5300	0.4700	0.5289	0.0579	0.9816
dota210%	0.5311	0.4689	0.5301	0.0603	0.9808
drebin	0.9800	0.0200	0.9786	0.9571	0.1362
dropout	0.6953	0.2032	0.6317	0.5063	0.5777
drug-01	0.3138	0.1960	0.1964	0.0432	0.7412
drug-02	0.4681	0.1520	0.2970	0.2235	0.7362
drug-03	0.5691	0.1231	0.1635	0.0724	0.6408
drug-04	0.4202	0.1657	0.1739	0.1073	0.8515
drug-05	0.5638	0.1246	0.1328	0.0214	0.7931
drug-06	0.3936	0.1733	0.3181	0.2647	0.6626
drug-07	0.3777	0.1778	0.1612	0.0684	0.6823

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-08	0.4468	0.1581	0.1777	0.0956	0.7818
drug-09	0.8032	0.0562	0.1418	0.0694	0.6253
drug-10	0.4628	0.1535	0.1721	0.1273	0.7922
drug-11	0.7766	0.0638	0.1407	0.0132	0.6496
drug-12	0.6755	0.0927	0.1171	-0.0346	0.6311
drug-13	0.5426	0.1307	0.2412	0.2402	0.6132
drug-14	0.4840	0.1474	0.2462	0.1826	0.7283
drug-15	0.6489	0.1003	0.1289	0.0737	0.8019
drug-16	0.5000	0.1429	0.2346	0.2168	0.6496
drug-17	0.2606	0.2112	0.1879	0.0783	0.8557
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6649	0.0957	0.1657	0.1166	0.6331
drybean	0.8971	0.0294	0.9136	0.8756	0.1600
ecoli	0.7647	0.0588	0.4044	0.6691	0.1337
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.2503	-0.0004	0.8551
eeg	0.4066	0.0742	0.4204	0.3440	0.6917
eeg-eye	0.8117	0.1883	0.8139	0.6239	0.6314
eeg10%	0.3333	0.0833	0.3000	0.2622	0.6844
email_phishing	0.9805	0.0195	0.6470	0.2933	0.5661
eucalyptus	0.6027	0.1589	0.5811	0.4966	0.4240
euthyroid	0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq	0.9708	0.0292	0.9708	0.9415	0.1785
exon.vs.intron-freq10%	0.9305	0.0695	0.9303	0.8605	0.3371
fakenews	0.5025	0.4975	0.5025	0.0050	0.9985
farm-ads	0.8647	0.1353	0.8647	0.7266	0.5132
fbis-wc	0.7033	0.0349	0.6098	0.6596	0.2472
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.7059	0.2941	0.7010	0.3991	0.8103
financial-risk	0.8510	0.0497	0.8425	0.7658	0.2465
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.5000	0.1250	0.2841	0.3789	0.2292
fonts10%	0.4890	0.0067	0.2587	0.4673	0.6589
forest	0.9038	0.0481	0.9001	0.8675	0.1510
gas	0.9554	0.0149	0.9564	0.9461	0.0897
gastrointestinal	0.7500	0.1667	0.7389	0.5949	0.4706
gender	0.5095	0.3270	0.3941	0.0761	0.7669
gene	0.9148	0.0568	0.9016	0.8626	0.2284
german	0.6200	0.3800	0.5367	0.0663	0.9179
gestures	0.7808	0.1096	0.7813	0.7078	0.3854
gina	0.9308	0.0692	0.9308	0.8616	0.3352
gisette	0.9529	0.0471	0.9529	0.9057	0.2546
glass	0.6667	0.1111	0.7772	0.5572	0.3033
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM	0.6842	0.3158	0.6833	0.3667	0.8414
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.7000	0.3000	0.6098	0.2105	0.8520

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
grub-damage	0.5333	0.2333	0.4497	0.3558	0.4834
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.6000	0.4000	0.3750	-0.2162	0.9591
hapt	0.8838	0.0194	0.7546	0.8639	0.1150
har	0.9704	0.0118	0.9691	0.9626	0.0760
har70	0.8914	0.0267	0.6978	0.8516	0.3113
har701%	0.8765	0.0353	0.6189	0.8204	0.3423
har7010%	0.8905	0.0313	0.5588	0.8395	0.3649
harth1%	0.8274	0.0288	0.5238	0.7658	0.3129
harth10%	0.8525	0.0239	0.6504	0.7910	0.2877
hayes-roth	0.6875	0.2083	0.7384	0.5062	0.2896
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.6500	0.1750	0.2956	0.0961	0.5517
heart	0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack	0.7742	0.2258	0.7741	0.5470	0.7087
heart-c	0.8333	0.1667	0.8341	0.6667	0.5937
heart-failure	0.9800	0.0200	0.9768	0.9529	0.1083
heart-quantum	0.9400	0.0600	0.9384	0.8760	0.3123
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%	0.8133	0.1867	0.8133	0.6267	0.6386
hepmass10%	0.8232	0.1768	0.8232	0.6465	0.6187
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6427	0.3573	0.6417	0.2833	0.8879
higgs1%	0.6241	0.3759	0.6220	0.2439	0.9072
higgs10%	0.6506	0.3494	0.6494	0.2987	0.8799
higher	0.3571	0.1607	0.3125	0.2500	0.3053
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8381	0.1619	0.7249	0.4489	0.6987
hiva	0.9598	0.0402	0.6310	0.2422	0.5676
horse	0.6667	0.2222	0.6277	0.4271	0.5594
hotel-reservartions	0.8829	0.1171	0.8676	0.7352	0.5093
hr	0.7860	0.2140	0.5213	0.0423	0.7901
ht-sensor	0.9995	0.0003	0.9995	0.9992	0.0031
ht-sensor10%	0.9966	0.0023	0.9967	0.9948	0.0166
htru2	0.9821	0.0179	0.9447	0.8883	0.1972
hypothyroid	0.9788	0.0106	0.6805	0.8752	0.1907
hypothyroidT	0.9920	0.0080	0.9716	0.9431	0.1266
ilpd	0.6780	0.3220	0.6006	0.2010	0.8744
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9707	0.0147	0.9708	0.9609	0.0645
ionosphere	0.9143	0.0857	0.9022	0.7853	0.2404
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.7833	0.2167	0.6209	0.2378	0.7897
jvowels	0.9217	0.0174	0.9178	0.9113	0.1328
kc1	0.8626	0.1374	0.6941	0.3608	0.6349
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.5714	0.0357	0.0370	0.2500	0.0719
kc1-class-level-top5percentDF	0.9333	0.0667	0.8438	0.6341	0.5283
kc2	0.7885	0.2115	0.6724	0.3440	0.7669
kdc-4007	0.5985	0.1004	0.5314	0.5312	0.4752
kddcup981%	0.9263	0.0737	0.4809	-0.0310	0.6583
kddcup9810%	0.8995	0.1005	0.4935	-0.0130	0.6411
kddcup991%	0.4887	0.0445	0.4626	0.3448	0.1040
kddcup9910%	0.4536	0.0475	0.6543	0.3127	0.1860

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kepler	0.8316	0.1123	0.7868	0.7266	0.3256
kidney	0.7084	0.1167	0.2045	0.0179	0.7949
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7708	0.0255	0.7675	0.7440	0.2752
krvskp	1.0000	0.0000	1.0000	1.0000	0.0000
la1s-wc	0.9033	0.0339	0.8844	0.8823	0.1799
la2s-wc	0.8079	0.0640	0.7838	0.7583	0.3055
labor	0.6667	0.3333	0.6250	0.2500	0.8750
leaf	0.7647	0.0118	0.4352	0.7536	0.0328
led24	0.7000	0.0600	0.6724	0.6620	0.1220
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8805	0.0092	0.8808	0.8757	0.1359
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.7143	0.2857	0.7083	0.4167	0.8058
libra	0.9167	0.0111	0.9389	0.9107	0.0287
linkage	0.9990	0.0010	0.9413	0.8756	0.3713
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	1.0000	0.0001	0.9815	1.0000	0.0643
liver	0.5882	0.4118	0.5727	0.1408	0.8953
loan	0.9789	0.0211	0.9775	0.9551	0.1420
localization	0.7066	0.0533	0.5005	0.6330	0.5574
localization10%	0.6341	0.0665	0.4114	0.5397	0.6390
lrs	0.7925	0.0415	0.3649	0.7114	0.1500
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.7933	0.8895	0.0419
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9011	0.8021	0.4231
madelon	0.7154	0.2846	0.7154	0.4308	0.8005
magic04	0.8469	0.1531	0.8306	0.6608	0.5868
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8225	0.6449	0.6199
marketing	0.8438	0.1562	0.6692	0.3365	0.7186
maternal	0.7723	0.1518	0.7773	0.6515	0.4326
math	0.8000	0.1000	0.7475	0.6926	0.3524
mba	0.7742	0.1505	0.3828	0.1516	0.6140
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1900	0.3240	0.1887	-0.0131	0.8854
messidor	0.6870	0.3130	0.6781	0.3541	0.8387
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8333	0.0833	0.8329	0.7672	0.1538
mfeat-fac	0.9200	0.0160	0.9203	0.9111	0.0939
mfeat-fou	0.7800	0.0440	0.7829	0.7556	0.2043
mfeat-kar	0.9500	0.0100	0.9503	0.9444	0.0608
mfeat-mor	0.6850	0.0630	0.6818	0.6500	0.2203
mfeat-pix	0.9300	0.0140	0.9318	0.9222	0.0782
mfeat-zer	0.7450	0.0510	0.7588	0.7167	0.1775
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.7059	0.1176	0.7055	0.6316	0.2986

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mobile	0.6224	0.0135	0.6308	0.6155	0.1729
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.7213	0.2787	0.6880	0.3757	0.8122
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0123
music	0.3683	0.1148	0.4404	0.2580	0.6506
musk	0.9742	0.0258	0.9495	0.8960	0.1517
MUT_ci300400a_cdk_ECFP2	0.7782	0.2218	0.7720	0.5441	0.7098
MUT_ci300400a_cdk_ECFP4	0.7892	0.2108	0.7840	0.5678	0.6901
MUT_ci300400a_cdk_ECFP6	0.7892	0.2108	0.7816	0.5618	0.6870
MUT_ci300400a_cdk_ESTATE	0.7578	0.2422	0.7486	0.4958	0.7415
MUT_ci300400a_cdk_EXTENDED	0.8249	0.1751	0.8191	0.6377	0.6196
MUT_ci300400a_cdk_FCFP2	0.8132	0.1868	0.8074	0.6148	0.6453
MUT_ci300400a_cdk_FCFP4	0.7830	0.2170	0.7764	0.5528	0.7016
MUT_ci300400a_cdk_FCFP6	0.7854	0.2146	0.7779	0.5552	0.6961
MUT_ci300400a_cdk_MACCS	0.8333	0.1667	0.8295	0.6588	0.6036
MUT_ci300400a_cdk_PUBCHEM	0.8407	0.1593	0.8357	0.6711	0.5870
MUT_ci300400a_cdk_STANDARD	0.8084	0.1916	0.8022	0.6042	0.6543
MUT_ci300400a_rdkit_descriptors	0.8271	0.1729	0.8225	0.6448	0.6146
myocardial	0.8588	0.0353	0.2924	0.4421	0.4402
naticusdroid	0.8646	0.1354	0.8652	0.7292	0.5212
NCI60	0.6667	0.1111	0.6222	0.6000	0.1039
nci9	0.8333	0.0370	0.5556	0.8065	0.0000
ncRNA1%	0.8890	0.0117	0.5143	0.7122	0.8557
ncRNA10%	0.8834	0.0102	0.6184	0.7685	0.9533
neo	0.8981	0.1019	0.7114	0.4227	0.6511
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5805	0.4195	0.5785	0.1570	0.9456
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9492	0.0508	0.9378	0.8757	0.3038
NPHA-doctor-visits	0.5000	0.3333	0.3923	0.1199	0.7662
nursery	0.9985	0.0006	0.7990	0.9977	0.0044
obesity	0.9147	0.0244	0.9136	0.9004	0.1124
obs	0.9815	0.0093	0.9868	0.9724	0.0319
occupancy	0.9864	0.0136	0.9812	0.9622	0.1430
Occupancy_Estimation	0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc	0.8515	0.0297	0.8459	0.8302	0.1273
oh10-wc	0.7524	0.0495	0.7406	0.7183	0.2245
oh15-wc	0.7717	0.0457	0.7595	0.7410	0.2308
oh5-wc	0.8681	0.0264	0.8612	0.8510	0.1273
ohscal-wc	0.7007	0.0599	0.6893	0.6651	0.3813
olive	0.8947	0.0234	0.8668	0.8677	0.0716
opn310k	0.8807	0.1193	0.6099	0.2180	0.6995
opn310k10%	0.8980	0.1020	0.6436	0.2816	0.6686
opnat310k-hg16-17	0.8824	0.1176	0.6213	0.2415	0.6950
optdigits	0.9146	0.0171	0.9157	0.9051	0.1220
optdigitsZ	0.9964	0.0036	0.9890	0.9780	0.0762
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9605	0.0395	0.6429	0.2671	0.5635
ozone8hr	0.9012	0.0988	0.5753	0.1438	0.6828
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7784	0.2216	0.7560	0.5117	0.7244
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8606	0.7154	0.5228
p53-mutants	0.9507	0.0493	0.5567	0.0408	0.1744
p53-mutants10%	0.7898	0.2102	0.4413	-0.0063	0.0379

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
page-blocks	0.9653	0.0139	0.6786	0.8096	0.3978
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8341	0.1659	0.8227	0.6451	0.6083
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.8991	0.1009	0.8757	0.7514	0.4839
particle10%	0.8862	0.1138	0.8584	0.7167	0.5176
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9009	0.0991	0.5548	0.1042	0.6873
pcmac	0.4845	0.5155	0.4625	-0.0748	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8752	0.7500	0.4624
pediatric-leukemia	0.7059	0.0840	0.6428	0.6292	0.2306
pendigits	0.9645	0.0071	0.9643	0.9605	0.0566
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.2222	0.7778	0.1818	-0.6154	0.9726
persistency	0.7609	0.2391	0.7487	0.4968	0.7424
personalities	0.7632	0.0296	0.7634	0.7474	0.3256
pet-adoption	0.9250	0.0750	0.9145	0.8284	0.3690
phishing	0.9673	0.0327	0.9657	0.9315	0.1998
PhiUSIIL	0.9994	0.0006	0.9994	0.9987	0.0077
PhiUSIIL10%	0.9975	0.0025	0.9974	0.9948	0.0249
phone-acc0.1%	0.8767	0.0352	0.8691	0.8560	0.1401
phone-acc1%	0.9603	0.0113	0.9575	0.9537	0.0611
phone-acc10%	0.9880	0.0034	0.9870	0.9860	0.0229
phone-gyr0.1%	0.8973	0.0293	0.8902	0.8800	0.1233
phone-gyr1%	0.9739	0.0075	0.9713	0.9695	0.0417
phone-gyr10%	0.9935	0.0018	0.9929	0.9925	0.0133
phoneme	0.8815	0.1185	0.8511	0.7011	0.5208
phy	0.6446	0.3554	0.6446	0.2892	0.8857
pima	0.7368	0.2632	0.7176	0.4154	0.7389
pirvision	0.9987	0.0009	0.9977	0.9959	0.0204
placement	0.7500	0.2500	0.7416	0.4824	0.7548
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker	0.5438	0.0912	0.2523	0.1920	0.7020
poker1%	0.4585	0.1083	0.1466	0.0249	0.6396
poker10%	0.4952	0.1010	0.1947	0.1084	0.7209
polish-1st	0.9602	0.0398	0.6439	0.2464	0.5163
polish-2nd	0.9518	0.0482	0.5553	0.0896	0.5866
polish-3rd	0.9352	0.0648	0.5160	0.0272	0.6412
polish-4th	0.9378	0.0622	0.6004	0.1795	0.6078
polish-5th	0.9323	0.0677	0.6823	0.3422	0.5733
polya	0.7178	0.2822	0.6908	0.3815	0.8133
popularity	0.5907	0.2729	0.4110	0.1628	0.7222
post-operative	0.3333	0.4444	0.2276	-0.2857	0.4822
postures	0.9647	0.0141	0.9643	0.9558	0.0830
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4242	0.0523	0.2434	0.3743	0.2372
processed	0.9988	0.0012	0.9986	0.9973	0.0169
profb	0.7910	0.2090	0.7631	0.5263	0.7085
promoters	0.7000	0.3000	0.7041	0.4000	0.7967
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	0.8182	0.1818	0.8167	0.6333	0.6309
puc-rio	0.9845	0.0062	0.9760	0.9793	0.0498
puc-rio10%	0.9650	0.0140	0.9431	0.9530	0.0918
pufs-1281%	0.4963	0.5037	0.4963	-0.0073	1.0000
pufs-12810%	0.5047	0.4953	0.5047	0.0095	0.9973

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-641%	0.4867	0.5133	0.4867	-0.0267	1.0000
pufs-6410%	0.5014	0.4986	0.5014	0.0028	0.9992
pulsar	0.9769	0.0231	0.9309	0.8617	0.2929
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
rcv11%	0.6278	0.0182	0.2842	0.5833	0.3397
re0-wc	0.7400	0.0400	0.7438	0.6674	0.2915
re1-wc	0.7831	0.0173	0.6018	0.7517	0.1745
rejafada	0.9749	0.0251	0.7787	0.4356	0.0807
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8349	0.0069	0.4262	0.7733	0.2433
rice	0.9797	0.0203	0.9795	0.9589	0.1343
rnaseq	0.9875	0.0050	0.9862	0.9835	0.0195
rocket	0.6226	0.3774	0.6107	0.2213	0.9095
RT_IOT2022	0.9976	0.0004	0.9657	0.9941	0.0143
satimage	0.8787	0.0404	0.8613	0.8503	0.1964
satimageF	0.9782	0.0218	0.9464	0.8919	0.2935
satimageT	0.9331	0.0669	0.8224	0.6442	0.5407
scadi	0.5714	0.1224	0.3556	0.4615	0.1395
schiller	0.4444	0.5556	0.4696	-0.0465	0.7758
schizo	0.6471	0.3529	0.6471	0.2941	0.8832
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.5865	0.1280	0.5676
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9437	0.0161	0.9483	0.9342	0.0753
segmentation	0.8119	0.1881	0.7938	0.5874	0.6610
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9225	0.0775	0.6282	0.2467	0.6393
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8263	0.1737	0.5539	0.1030	0.7674
sens-10-gram	0.7900	0.2100	0.4972	-0.0055	0.7954
sens-2-gram	0.8000	0.2000	0.5624	0.1248	0.7676
sens-3-gram	0.8158	0.1842	0.6037	0.2074	0.7512
sens-4-gram	0.8263	0.1737	0.5930	0.1847	0.7562
sens-5-gram	0.7763	0.2237	0.4889	-0.0222	0.7884
sens-6-gram	0.8237	0.1763	0.5831	0.1647	0.7608
sens-7-gram	0.8079	0.1921	0.5534	0.1063	0.7739
sens-8-gram	0.7789	0.2211	0.5164	0.0327	0.7785
sens-9-gram	0.8211	0.1789	0.5805	0.1599	0.7624
sensorless	0.9738	0.0048	0.9743	0.9712	0.0450
sepsis	0.6207	0.3793	0.5296	0.0371	0.5064
shoppers	0.8727	0.1273	0.7449	0.4885	0.6475
shuttle	0.9991	0.0002	0.8359	0.9976	0.0795
sick	0.9735	0.0265	0.8839	0.7589	0.2756
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9056	0.0944	0.8893	0.7542	0.4523
skin10%	0.9980	0.0020	0.9969	0.9938	0.0344
smarket	0.9200	0.0800	0.9200	0.8399	0.3716
smart-farming	0.2400	0.3800	0.2418	-0.0150	0.8620
smk_can_187	0.6842	0.3158	0.6833	0.3667	0.8414
smoking	0.8032	0.1968	0.7884	0.5768	0.6750
soil_pollution	0.2300	0.3080	0.2301	0.0380	0.8470
solar-flare	0.7626	0.0791	0.6953	0.6970	0.2039
sonar	0.5000	0.5000	0.5000	0.0000	0.9713
soybean	0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection	0.9440	0.0560	0.8341	0.6681	0.5084
spambase	0.9239	0.0761	0.9204	0.8407	0.3668
spect	0.6296	0.3704	0.5218	0.0426	0.8561

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.4717	0.0220	0.2019	0.4423	0.1451
splice-EI	0.9495	0.0505	0.9353	0.8695	0.3294
splice-IE	0.9369	0.0631	0.9119	0.8237	0.3693
sport-articles	0.7900	0.2100	0.7690	0.5312	0.6824
squash-stored	0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8878	0.0748	0.8588	0.8178	0.2570
steel-b	0.8615	0.1385	0.7973	0.5940	0.6253
steel-d	0.9949	0.0051	0.9553	0.9065	0.0226
steel-k	0.9897	0.0103	0.9843	0.9685	0.1057
steel-o	0.8359	0.1641	0.8254	0.6483	0.6081
steel-p	0.9077	0.0923	0.6568	0.3085	0.6532
steel-s	0.9487	0.0513	0.7745	0.5204	0.5716
steel-z	0.9795	0.0205	0.9493	0.8934	0.3231
stellar	0.9554	0.0297	0.9491	0.9209	0.1581
stock	0.8958	0.1042	0.8166	0.6314	0.5491
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.9680	0.0320	0.9677	0.9352	0.1882
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5100	0.1960	0.3343	0.2340	0.7570
student-depression	0.7875	0.2125	0.7801	0.5600	0.6938
student-habits	0.3800	0.2480	0.2412	0.1135	0.8141
student-weekend	0.3538	0.2585	0.2873	0.1317	0.6681
student-workday	0.6719	0.1313	0.2524	0.2628	0.5845
studentap	0.5385	0.3077	0.5556	0.2909	0.5920
susy1%	0.7330	0.2670	0.7306	0.4612	0.7771
susy10%	0.7411	0.2589	0.7387	0.4772	0.7650
swarm_aligned	0.9475	0.0525	0.9440	0.8828	0.2946
swarm_flocking	0.9392	0.0608	0.9410	0.8784	0.2751
swarm_grouped	0.9600	0.0400	0.9578	0.9153	0.2393
tae	0.3333	0.4444	0.2778	0.0000	0.7532
telco-churn	0.8608	0.1392	0.8193	0.6383	0.5904
texture	0.9527	0.0086	0.9557	0.9479	0.0636
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8085	0.1915	0.5444	0.0824	0.7852
thrombin	0.7696	0.2304	0.4349	-0.0396	0.2008
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9684	0.0316	0.9651	0.9299	0.2103
tis	0.8848	0.1152	0.8395	0.6757	0.5199
tis10%	0.8657	0.1343	0.8156	0.6306	0.5883
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4000	0.6364	0.0795
tox_171	0.9412	0.0294	0.9478	0.9209	0.0644
toxicity	0.4118	0.5882	0.2917	-0.3934	1.0000
toxicity-13f	0.6471	0.3529	0.5858	0.1639	0.8952
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6267	0.3733	0.4883	-0.0234	0.9014
trec11-wc	0.8049	0.0434	0.7245	0.7552	0.1754
trec12-wc	0.8387	0.0403	0.8803	0.8015	0.1079
trec21-wc	0.7879	0.0707	0.5235	0.5043	0.2448
trec23-wc	0.7619	0.0794	0.8347	0.6818	0.2870
trec31-wc	0.9032	0.0277	0.7761	0.8703	0.1277
trec41-wc	0.8750	0.0250	0.6327	0.8456	0.1073
trec45-wc	0.8696	0.0261	0.7688	0.8477	0.1060
tuandromd	0.9865	0.0135	0.9793	0.9586	0.1449
turkish	0.8250	0.0875	0.8331	0.7667	0.1968

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews	0.9417	0.0583	0.9369	0.8729	0.2936
tvnews1%	0.8231	0.1769	0.8080	0.6152	0.6327
tvnews10%	0.8689	0.1311	0.8581	0.7159	0.5289
ur3_cobotops_grip	0.9741	0.0259	0.7831	0.5645	0.4972
ur3_cobotops_stop	0.9796	0.0204	0.8400	0.6706	0.3567
urban	0.7910	0.0464	0.7978	0.7550	0.1679
urinalysis	0.9301	0.0699	0.6270	0.2497	0.6378
ustilago1%	0.9870	0.0130	0.6002	0.1937	0.5536
ustilago10%	0.9895	0.0105	0.6730	0.0330	0.0399
vehicle	0.8214	0.0893	0.7894	0.7589	0.1553
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.7071	0.0533	0.7375	0.6778	0.1812
vowelZ	0.9293	0.0707	0.7969	0.5926	0.5721
vrnormat310k-hg16-17	0.8986	0.1014	0.6520	0.2972	0.6631
wap-wc	0.6987	0.0301	0.5761	0.6611	0.2362
warpar10p	0.9231	0.0154	0.8743	0.9133	0.0195
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9723	0.0079	0.9718	0.9676	0.0551
watch-acc10%	0.9973	0.0008	0.9973	0.9969	0.0079
watch-gyr1%	0.9810	0.0054	0.9808	0.9778	0.0409
watch-gyr10%	0.9981	0.0005	0.9981	0.9978	0.0057
water_pollution	0.2233	0.3883	0.2228	-0.0354	0.8768
waveform	0.7560	0.1627	0.7571	0.6341	0.4863
weather-related	0.9731	0.0049	0.9709	0.9695	0.0437
web-phishing	0.8593	0.0938	0.8156	0.7500	0.3650
Weekly	0.9352	0.0648	0.9355	0.8696	0.3179
weight-lift	0.9827	0.0069	0.9826	0.9781	0.0501
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9700	0.0150	0.9700	0.9600	0.0637
wilt	0.9896	0.0104	0.9429	0.8835	0.1561
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6541	0.1153	0.3131	0.4542	0.5532
winequality-white	0.6462	0.1011	0.3691	0.4709	0.4815
winnipeg	0.9742	0.0010	1.0000	0.9814	0.0210
winnipeg10%	0.9125	0.0250	0.9319	0.8903	0.1481
wisc_bc	0.9649	0.0351	0.9643	0.9261	0.2027
yale	0.8125	0.0250	0.7986	0.7992	0.0481
yeast	0.5473	0.0905	0.3937	0.4180	0.4320
yeastCYT-POX	1.0000	0.0000	1.0000	1.0000	0.0000
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9459	0.0541	0.6024	0.1766	0.5813
zip	0.9129	0.0174	0.9067	0.9025	0.1377

Table 257: Detailed results for BQLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0964	0.0861	0.0799	0.0400	0.7356
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4500	0.5500	0.4415	-0.1000	0.9904
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7840	0.2160	0.6854	0.1647	0.3750
air_pollution	0.2700	0.2086	0.1465	0.0014	0.8820
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.8652	0.0539	0.5440	0.6647	0.1772
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9597	0.0202	0.7192	0.9219	0.0749
anuran-genus	0.9513	0.0122	0.7728	0.9182	0.0549
anuran-species	0.9542	0.0092	0.8188	0.9355	0.0435
anxiety	0.1250	0.1944	0.1251	0.0139	0.7808
apple-quality	0.8500	0.1500	0.8530	0.7000	0.5367
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia	0.5556	0.0684	0.0557	0.0260	0.2389
auction	0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.7273	0.0496	0.8678	0.6667	0.1289
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.5500	0.1500	0.4118	0.3857	0.3258
avila	0.4911	0.0848	0.4480	0.2994	0.4801
babies	0.2823	0.2051	0.1970	0.0829	0.7958
balance	0.8871	0.0753	0.6114	0.7877	0.2090
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8664	0.1336	0.8596	0.6873	0.3709
basehock	0.5025	0.4975	0.6036	0.0100	0.5283
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.7619	0.2381	0.7419	0.4560	0.6789
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.4304	0.5319	0.1824
bridges	0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7759	0.1121	0.3710	0.4912	0.3452
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.6808	0.0639	0.6518	0.6077	0.2843
cardiotocography-nsp	0.8310	0.1127	0.5700	0.3412	0.1853
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5403	0.3798	0.5084
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.6089	0.3911	0.6041	0.1876	0.8720
cas_N6512_rdkit_AVALON	0.5960	0.4040	0.5997	0.1969	0.9212
cas_N6512_RDkit_Avalon_FP	0.5966	0.4034	0.6040	0.2026	0.9102
cas_N6512_rdkit_descriptors	0.6954	0.3046	0.7074	0.3997	0.7835
cas_N6512_rdkit_FEATMORGAN	0.5730	0.4270	0.6294	0.1864	0.7359
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.6994	0.3006	0.7026	0.4014	0.8108
cas_N6512_rdkit_LAYERED	0.7215	0.2785	0.7227	0.4436	0.7870
cas_N6512_RDkit_Layered_FP	0.7163	0.2837	0.7158	0.4312	0.7985
cas_N6512_rdkit_MACCS	0.6774	0.3226	0.6746	0.3490	0.8502
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.6400	0.3600	0.6508	0.2906	0.8562
cas_N6512_RDkit_pattern_FP	0.6656	0.3344	0.6825	0.3444	0.8030
cas_N6512_rdkit_RDKITFP	0.7174	0.2826	0.7197	0.4365	0.7891
cas_N6512_rdkit_TORSION	0.5908	0.4092	0.6275	0.2116	0.8037
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9452	0.0548	0.6772	0.1912	0.2906
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8100	0.1900	0.6504	0.1245	0.4441
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0410	0.0192	0.0249	0.0313	0.2708
cirrhosis	0.6905	0.2063	0.4587	0.3710	0.4457
cjs	0.9893	0.0036	0.9882	0.9869	0.0177
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7667	0.1167	0.4266	0.6120	0.2420
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.5926	0.4000	0.2083
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4490	0.3673	0.3875	0.1057	0.7436
cnae-9	0.8704	0.0288	0.8773	0.8542	0.1264
codon_usage	0.8181	0.0331	0.6338	0.7748	0.1676
coil20	0.9792	0.0021	0.9812	0.9781	0.0112
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.3400	0.0880	0.2171	0.2650	0.3187
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6207	0.3793	0.6480	0.2238	0.7270
colposcopies-c	0.8276	0.1724	0.7526	0.3777	0.3360
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.7742	0.1505	0.7335	0.6193	0.2267
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7524	0.2476	0.7526	0.5049	0.7454
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9230	0.0770	0.8186	0.6139	0.4159
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	0.8000	0.1000	0.8310	0.7333	0.1553
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.4375	0.0281	0.2859	0.4205	0.0870
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.2000	0.2667	0.1994	0.0393	0.8428
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.7037	0.2963	0.7303	0.3344	0.4688
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
day1%	0.3581	0.6419	0.2637	0.0000	0.5110
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8037	0.1963	0.6601	0.2251	0.5832
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5167	0.4833	0.6132	0.0333	0.5271
df_final	0.6875	0.2083	0.7467	0.5122	0.3099
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.7070	0.8350	0.0810
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7133	0.1911	0.5402	0.4757	0.3556
drug-01	0.2979	0.2006	0.1729	0.0457	0.8358
drug-02	0.4734	0.1505	0.1566	0.0547	0.6884
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5213	0.1368	0.2251	0.1283	0.5861
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.2660	0.2097	0.1915	0.1060	0.8172
drug-07	0.3245	0.1930	0.1495	0.0094	0.9063
drug-08	0.5372	0.1322	0.1433	0.0757	0.5194
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5372	0.1322	0.1994	0.1112	0.5979
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5691	0.1231	0.1386	0.0515	0.5072

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-14	0.5691	0.1231	0.2322	0.1329	0.5444
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5426	0.1307	0.2075	0.1549	0.4134
drug-17	0.2660	0.2097	0.1800	0.0659	0.8458
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0053	0.2842
drybean	0.8964	0.0296	0.9208	0.8748	0.1385
ecoli	0.7941	0.0515	0.4394	0.7029	0.1220
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2743	0.0284	0.8396
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6322	0.3678	0.6546	0.2020	0.6471
eeg10%	0.2843	0.0895	0.2763	0.2148	0.7654
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4384	0.2247	0.3928	0.2769	0.5280
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4800	0.5200	0.4770	-0.0434	0.9963
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.6667	0.0392	0.5807	0.6108	0.2383
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6078	0.3922	0.5989	0.1694	0.8544
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.8846	0.0577	0.8691	0.8411	0.1798
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.5625	0.2917	0.3774	0.1642	0.3881
gender	0.5642	0.2905	0.3359	0.0230	0.6745
gene	0.8738	0.0841	0.8618	0.7915	0.2206
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9193	0.0807	0.9194	0.8385	0.3721
gisette	0.9600	0.0400	0.9600	0.9200	0.2258
glass	0.7619	0.0794	0.5585	0.6465	0.1763
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.6667	0.3333	0.6689	0.1503	0.4745
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.5333	0.2333	0.5312	0.3713	0.5411
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7726	0.0650	0.3960	0.6295	0.1291

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.3750	0.4167	0.4419	-0.0256	0.5646
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.7742	0.2258	0.7741	0.5470	0.7087
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9220	0.0780	0.9084	0.8161	0.3814
heart-quantum	0.8400	0.1600	0.8326	0.6552	0.5518
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.5618	0.4382	0.6187	0.0703	0.5590
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0000	0.2500	0.0000	-0.1879	0.4601
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.5312	0.4688	0.5182	0.0323	0.9481
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9721	0.0279	0.9109	0.8080	0.1395
hypothyroid	0.9231	0.0385	0.3980	0.2618	0.0879
hypothyroidT	0.9310	0.0690	0.7021	0.1756	0.1727
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.8575	0.0110	0.8687	0.8518	0.1068
jm1	0.8108	0.1892	0.6092	0.0696	0.4751
jvowels	0.8906	0.0243	0.8860	0.8757	0.1160
kc1	0.8720	0.1280	0.7136	0.2987	0.3950
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.5859	0.0949	0.6347
kdc-4007	0.1496	0.2430	0.0876	0.0110	0.5873
kddcup981%	0.9053	0.0947	0.4751	-0.0491	0.6630
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2029	0.0886	0.1982	0.1372	0.9592
krvskp	0.9060	0.0940	0.9072	0.8122	0.4042
la1s-wc	0.8063	0.0645	0.7903	0.7496	0.2216
la2s-wc	0.7947	0.0684	0.7628	0.7359	0.2829

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
labor	0.6667	0.3333	0.6250	0.2500	0.8750
leaf	0.6176	0.0332	0.5138	0.5963	0.1037
led24	0.7000	0.0600	0.6329	0.6562	0.1489
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.6389	0.0481	0.5858	0.6113	0.1525
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6765	0.3235	0.4035	0.0000	0.4580
loan	0.8454	0.1546	0.8378	0.6486	0.4707
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1887	0.1475	0.1216	0.0643	0.7075
lrs	0.7736	0.0453	0.4179	0.6765	0.1427
lung	0.8095	0.0762	0.5263	0.5410	0.1518
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.8500	0.0600	0.5818	0.6178	0.1128
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.6667	0.3333	0.7065	0.2703	0.4882
lymphography	0.8571	0.0714	0.4500	0.7083	0.1472
lymphoma2	0.7778	0.0741	0.6377	0.6667	0.1222
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.6000	0.4000	0.6000	0.2000	0.9285
magic04	0.7785	0.2215	0.7616	0.4380	0.4861
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6436	0.2376	0.6438	0.4502	0.5228
math	0.5000	0.2500	0.4785	0.1561	0.3000
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.1867	0.3253	0.1881	-0.0165	0.8821
messidor	0.6261	0.3739	0.6505	0.2776	0.8288
meter-A	0.2500	0.7500	0.2667	-0.4118	1.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.8558	0.7741	0.1717
meter-D	0.7222	0.1389	0.8185	0.6234	0.1774
mfeat-fac	1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fou	0.7200	0.0560	0.7128	0.6889	0.2292
mfeat-kar	0.9700	0.0060	0.9711	0.9667	0.0357
mfeat-mor	0.5800	0.0840	0.5689	0.5333	0.3034
mfeat-pix	0.9800	0.0040	0.9811	0.9778	0.0225
mfeat-zer	0.7250	0.0550	0.6783	0.6944	0.2098
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9245	0.0503	0.9247	0.8854	0.1651
mines	0.3824	0.2471	0.2877	0.2188	0.5066
mobile	0.6329	0.0131	0.6224	0.6261	0.1522
monks-1	0.7455	0.2545	0.7621	0.4874	0.6499
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9865	0.0135	0.9866	0.9729	0.0809
music	0.0806	0.1672	0.0136	0.0000	0.3712

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
musk	0.9197	0.0803	0.8346	0.6099	0.2023
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5425	0.4575	0.6152	0.1655	0.7505
MUT_ci300400a_cdk_ESTATE	0.6859	0.3141	0.6875	0.3705	0.8250
MUT_ci300400a_cdk_EXTENDED	0.6187	0.3813	0.5944	0.1819	0.9076
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.6954	0.3046	0.6820	0.3612	0.8297
MUT_ci300400a_cdk_PUBCHEM	0.5916	0.4084	0.6571	0.2462	0.7257
MUT_ci300400a_cdk_STANDARD	0.5952	0.4048	0.5835	0.0379	0.5874
MUT_ci300400a_rdkit_descriptors	0.7870	0.2130	0.7813	0.5624	0.6928
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9031	0.0969	0.7984	0.5312	0.3321
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5139	0.3241	0.3066	-0.0084	0.4955
nursery	0.8511	0.0745	0.6468	0.7792	0.1865
obesity	0.5355	0.1327	0.5741	0.4576	0.3609
obs	0.7870	0.1065	0.8130	0.6772	0.2863
occupancy	0.9859	0.0141	0.9809	0.9611	0.1506
Occupancy_Estimation	0.9891	0.0054	0.9659	0.9669	0.0524
oh0-wc	0.7723	0.0455	0.7523	0.7372	0.2030
oh10-wc	0.6571	0.0686	0.6090	0.6065	0.2894
oh15-wc	0.7391	0.0522	0.7186	0.7001	0.2053
oh5-wc	0.8022	0.0396	0.7885	0.7757	0.1801
ohscal-wc	0.5923	0.0815	0.5611	0.5418	0.4981
olive	0.8947	0.0234	0.8165	0.8668	0.0625
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9715	0.0057	0.9731	0.9683	0.0416
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.7750	0.0112	0.7239	0.7692	0.0409
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8677	0.7310	0.5083
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9543	0.0183	0.6516	0.6838	0.1176
parkinson	0.8417	0.1583	0.8411	0.6560	0.4768
parkinsons	0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small	0.8421	0.1579	0.7920	0.4956	0.3261
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.7723	0.2277	0.7079	0.2528	0.4120
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9369	0.0631	0.7116	0.2096	0.1619

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.8015	0.5217	0.3086
pediatric-leukemia	0.5000	0.1429	0.4484	0.3992	0.3689
pendigits	0.9745	0.0051	0.9748	0.9717	0.0376
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7697	0.2303	0.7475	0.4813	0.7017
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.7350	0.2650	0.7114	0.4208	0.7826
phishing	0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.4525	0.1564	0.4390	0.3587	0.5025
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.4350	0.1614	0.4234	0.3405	0.5658
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7889	0.2111	0.7465	0.4922	0.7238
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.5658	0.4342	0.3613	-0.0773	0.8157
pirvision	0.8975	0.0684	0.7920	0.5843	0.1591
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
polya	0.6919	0.3081	0.6656	0.1785	0.5376
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.5294	0.4706	0.5765	0.0588	0.6634
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.3636	0.0979	0.1869	0.2612	0.2585
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.6429	0.3571	0.6774	0.1860	0.4929
prostate_GE	0.7273	0.2727	0.7243	0.4407	0.7677
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8431	0.0628	0.7790	0.7845	0.1835
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4950	0.5050	0.4949	-0.0101	0.9983
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8889	0.1111	0.8924	0.7778	0.4271
re0-wc	0.7333	0.0410	0.5854	0.6459	0.3043
re1-wc	0.6988	0.0241	0.5416	0.6487	0.2094
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8165	0.0612	0.7287	0.7691	0.1686
satimageF	0.9891	0.0109	0.9714	0.9421	0.0920
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5294	0.4706	0.5315	0.0588	0.9560
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8355	0.0470	0.8532	0.8079	0.1346
segmentation	0.8218	0.1782	0.8028	0.5803	0.5587
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8637	0.1363	0.6899	0.1923	0.3400
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9922	0.0078	0.9885	0.9768	0.1057
smarket	0.8880	0.1120	0.8908	0.7752	0.4315
smart-farming	0.1800	0.4100	0.1603	-0.0928	0.8494
smk_can_187	0.6316	0.3684	0.6315	0.2486	0.8662
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2000	0.3200	0.2036	0.0017	0.8648
solar-flare	0.6906	0.1031	0.6055	0.6073	0.2951
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.8382	0.0170	0.7607	0.8218	0.0723
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8674	0.1326	0.8669	0.7074	0.3874
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.4038	0.0442	0.3058	0.3651	0.1999
splice-EI	0.9338	0.0662	0.9102	0.8128	0.2911
splice-IE	0.7918	0.2082	0.6883	0.1723	0.3671
sport-articles	0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8154	0.1846	0.6851	0.3512	0.7045
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9692	0.0308	0.9524	0.9001	0.1086
steel-o	0.7282	0.2718	0.7037	0.2754	0.5105

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-p	0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9538	0.0462	0.8720	0.7436	0.4535
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8403	0.1597	0.6747	0.2122	0.4634
stockb	0.8722	0.0852	0.8807	0.8085	0.1860
streaming	0.8740	0.1260	0.8747	0.7473	0.4979
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3400	0.2640	0.2180	0.0205	0.7785
student-weekend	0.2769	0.2892	0.1893	0.0152	0.8158
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.5820	0.2778	0.4565
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4762	0.2000	0.5980
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.8164	0.0334	0.8523	0.7979	0.1344
theorem	0.9951	0.0049	0.9950	0.9899	0.0414
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.6471	0.1765	0.6714	0.5342	0.3168
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.7805	0.0488	0.7484	0.7230	0.1546
trec12-wc	0.7419	0.0645	0.7246	0.6771	0.1363
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.6667	0.1111	0.5176	0.5034	0.3326
trec31-wc	0.9355	0.0215	0.9326	0.9131	0.0841
trec41-wc	0.7386	0.0523	0.5101	0.6760	0.1631
trec45-wc	0.7681	0.0464	0.7231	0.7228	0.1627
tuandromd	0.9552	0.0448	0.9294	0.8584	0.3016
turkish	0.7000	0.1500	0.6854	0.6000	0.3150
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.7846	0.2154	0.7762	0.4791	0.4876
tvnews10%	0.8682	0.1318	0.8582	0.7014	0.4585
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7463	0.0564	0.7974	0.7020	0.1667
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.6429	0.1786	0.6332	0.5065	0.3215
vehicleVAN	0.9643	0.0357	0.9523	0.9000	0.1262
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vowel	0.4949	0.0918	0.5360	0.4444	0.2520
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7308	0.0269	0.5400	0.6923	0.1667
warpar10p	0.7692	0.0462	0.7830	0.7417	0.0830
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.4589	0.1546	0.4334	0.3658	0.5242
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.3100	0.3450	0.3075	0.0801	0.8228
waveform	0.8320	0.1120	0.8361	0.7481	0.3582
weather-related	0.9500	0.0091	0.9516	0.9432	0.0612
web-phishing	0.7926	0.1383	0.5459	0.6075	0.3469
Weekly	0.8981	0.1019	0.9036	0.7889	0.3001
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5346	0.1551	0.2612	0.2518	0.6036
winequality-white	0.4560	0.1554	0.2327	0.2210	0.8148
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.5000	0.0667	0.3693	0.4576	0.1398
yeast	0.4459	0.1108	0.2852	0.3055	0.6193
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 258: Detailed results for BQLSVC(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1639	0.0796	0.0772	0.0596	0.4132
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4500	0.5500	0.4415	-0.1000	0.9904
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7840	0.2160	0.6854	0.1647	0.3750
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.7978	0.0809	0.3758	0.4389	0.2449
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9597	0.0202	0.7192	0.9219	0.0749
anuran-genus	0.9597	0.0101	0.8714	0.9324	0.0588
anuran-species	0.9681	0.0064	0.9419	0.9552	0.0402
anxiety	0.0917	0.2019	0.0689	-0.0233	0.6681
apple-quality	0.8500	0.1500	0.8530	0.7000	0.5367
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia	0.5556	0.0684	0.0557	0.0260	0.2389
auction	0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.5909	0.0744	0.5399	0.4897	0.2062
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.5000	0.1667	0.3324	0.2958	0.3418
avila	0.5323	0.0779	0.4950	0.2617	0.2442
babies	0.4274	0.1636	0.1399	0.0907	0.4148
balance	0.8871	0.0753	0.6114	0.7877	0.2090
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8664	0.1336	0.8596	0.6873	0.3709
basehock	0.5025	0.4975	0.6036	0.0100	0.5283
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.7619	0.2381	0.7419	0.4560	0.6789
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5696	0.5686	0.1639
bridges	0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7471	0.1264	0.3997	0.5223	0.2526
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7042	0.0592	0.5594	0.6352	0.2180
cardiotocography-nsp	0.8451	0.1033	0.6716	0.4296	0.1839
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.5866	0.5122	0.4610
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.6089	0.3911	0.6041	0.1876	0.8720
cas_N6512_rdkit_AVALON	0.5960	0.4040	0.5997	0.1969	0.9212
cas_N6512_RDkit_Avalon_FP	0.5966	0.4034	0.6040	0.2026	0.9102
cas_N6512_rdkit_descriptors	0.6954	0.3046	0.7074	0.3997	0.7835
cas_N6512_rdkit_FEATMORGAN	0.5730	0.4270	0.6294	0.1864	0.7359
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.7055	0.2945	0.7094	0.4142	0.8004
cas_N6512_rdkit_LAYERED	0.7215	0.2785	0.7227	0.4436	0.7870
cas_N6512_RDkit_Layered_FP	0.7132	0.2868	0.7119	0.4237	0.8043
cas_N6512_rdkit_MACCS	0.6774	0.3226	0.6746	0.3490	0.8502
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.6400	0.3600	0.6508	0.2906	0.8562
cas_N6512_RDkit_pattern_FP	0.6656	0.3344	0.6825	0.3444	0.8030
cas_N6512_rdkit_RDKITFP	0.7174	0.2826	0.7197	0.4365	0.7891
cas_N6512_rdkit_TORSION	0.5908	0.4092	0.6275	0.2116	0.8037
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9452	0.0548	0.6772	0.1912	0.2906
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8100	0.1900	0.6504	0.1245	0.4441
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6667	0.2222	0.4397	0.3163	0.4597
cjs	0.8786	0.0405	0.8018	0.8510	0.1129
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7176	0.1412	0.4871	0.5471	0.3795
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.5926	0.4000	0.2083
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4558	0.3628	0.4271	0.1246	0.7069
cnae-9	0.4722	0.1173	0.5101	0.4062	0.2859
codon_usage	0.8718	0.0233	0.5725	0.8422	0.1417
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.2600	0.0987	0.0859	0.1367	0.3423
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6207	0.3793	0.6480	0.2238	0.7270
colposcopies-c	0.8276	0.1724	0.7526	0.3777	0.3360
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.7419	0.1720	0.6525	0.5739	0.3295
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7524	0.2476	0.7526	0.5049	0.7454
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.9230	0.0770	0.8186	0.6139	0.4159
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	0.8000	0.1000	0.8310	0.7333	0.1553
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.1562	0.0422	0.1085	0.1420	0.1677
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0918	0.0000	0.5180
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.7037	0.2963	0.7303	0.3344	0.4688
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8037	0.1963	0.6601	0.2251	0.5832
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5167	0.4833	0.6132	0.0333	0.5271
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9333	0.0333	0.8930	0.9073	0.1006
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.6998	0.2001	0.6115	0.4480	0.3611
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.4149	0.1672	0.1621	0.2370	0.3673
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6011	0.1140	0.1587	0.1398	0.3236
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5213	0.1368	0.0979	0.0000	0.2706
drug-17	0.3777	0.1778	0.1360	0.1192	0.4283
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0053	0.2842
drybean	0.9184	0.0233	0.9314	0.9010	0.1194
ecoli	0.8529	0.0368	0.5477	0.7909	0.0845
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.6322	0.3678	0.6539	0.2022	0.6510
eeg10%	0.2961	0.0880	0.2016	0.2003	0.4628
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4932	0.2027	0.2923	0.2984	0.3190
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4800	0.5200	0.4770	-0.0434	0.9963
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.2398	0.0894	0.0920	0.0431	0.3431
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6078	0.3922	0.5989	0.1694	0.8544
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.8846	0.0577	0.8691	0.8411	0.1798
gas	0.9547	0.0151	0.9513	0.9451	0.0741
gastrointestinal	0.5625	0.2917	0.3774	0.1642	0.3881
gender	0.5958	0.2695	0.3705	0.1131	0.5062
gene	0.9180	0.0547	0.9125	0.8703	0.2372
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.9193	0.0807	0.9194	0.8385	0.3721
gisette	0.9600	0.0400	0.9600	0.9200	0.2258
glass	0.7143	0.0952	0.5344	0.5800	0.2400
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.6667	0.3333	0.6689	0.1503	0.4745
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.6000	0.2667	0.5333	0.4444	0.1500
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.3333	0.3333	0.2110	0.0566	0.5338
gsalc	0.7778	0.0741	0.7059	0.7313	0.0884
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.7726	0.0650	0.3960	0.6295	0.1291
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth1%	0.0012	0.1665	0.0002	0.0000	0.3229
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.4375	0.3750	0.4950	0.0769	0.5872
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.7742	0.2258	0.7741	0.5470	0.7087
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9220	0.0780	0.9084	0.8161	0.3814
heart-quantum	0.8400	0.1600	0.8326	0.6552	0.5518
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.5618	0.4382	0.6187	0.0703	0.5590
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.5312	0.4688	0.5182	0.0323	0.9481
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.9721	0.0279	0.9109	0.8080	0.1395
hypothyroid	0.9231	0.0385	0.3980	0.2618	0.0879
hypothyroidT	0.9310	0.0690	0.7021	0.1756	0.1727
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.9358	0.0049	0.9380	0.9332	0.0564
jm1	0.8108	0.1892	0.6092	0.0696	0.4751
jvowels	0.9749	0.0056	0.9745	0.9715	0.0406
kc1	0.8720	0.1280	0.7136	0.2987	0.3950
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.5859	0.0949	0.6347
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.6526	0.3474	0.5734	0.0684	0.3459
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3373	0.0736	0.2437	0.2468	0.4187
krvskp	0.9060	0.0940	0.9072	0.8122	0.4042
la1s-wc	0.3365	0.2212	0.1481	0.1245	0.4325
la2s-wc	0.4238	0.1921	0.1889	0.2108	0.4168
labor	0.6667	0.3333	0.6250	0.2500	0.8750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leaf	0.5588	0.0384	0.4884	0.5380	0.0969
led24	0.3000	0.1400	0.1867	0.2553	0.2549
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0380	0.0740	0.0028	0.0000	0.4195
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8056	0.0259	0.7983	0.7907	0.0864
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.6765	0.3235	0.4035	0.0000	0.4580
loan	0.8454	0.1546	0.8378	0.6486	0.4707
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.4035	0.1085	0.0938	0.1419	0.3365
lrs	0.7925	0.0415	0.4169	0.7070	0.1393
lung	0.8095	0.0762	0.5263	0.5410	0.1518
lung_discrete	0.7500	0.0714	0.3750	0.6667	0.0972
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.8500	0.0600	0.5818	0.6178	0.1128
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.6667	0.3333	0.7065	0.2703	0.4882
lymphography	0.8571	0.0714	0.4500	0.7083	0.1472
lymphoma2	0.5556	0.1481	0.2326	0.2941	0.2247
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.6000	0.4000	0.6000	0.2000	0.9285
magic04	0.7785	0.2215	0.7616	0.4380	0.4861
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6337	0.2442	0.6335	0.4360	0.5475
math	0.6250	0.1875	0.3459	0.3697	0.3535
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.5000	0.2500	0.3333	0.3333	0.3228
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6261	0.3739	0.6505	0.2776	0.8288
meter-A	0.2500	0.7500	0.2667	-0.4118	1.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.4444	0.2778	0.5662	0.2500	0.2753
meter-D	0.6111	0.1944	0.4222	0.4299	0.2079
mfeat-fac	0.9750	0.0050	0.9764	0.9722	0.0284
mfeat-fou	0.8250	0.0350	0.8362	0.8056	0.1537
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7200	0.0560	0.6916	0.6889	0.1804
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0186
mfeat-zer	0.8700	0.0260	0.8427	0.8556	0.0727
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9057	0.0629	0.9036	0.8555	0.2117
mines	0.5000	0.2000	0.4219	0.3745	0.3686
mobile	0.8077	0.0069	0.8297	0.8042	0.0820
monks-1	0.7455	0.2545	0.7621	0.4874	0.6499
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9865	0.0135	0.9866	0.9729	0.0809
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9197	0.0803	0.8346	0.6099	0.2023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.6859	0.3141	0.6875	0.3705	0.8250
MUT_ci300400a_cdk_EXTENDED	0.6187	0.3813	0.5944	0.1819	0.9076
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.6954	0.3046	0.6820	0.3612	0.8297
MUT_ci300400a_cdk_PUBCHEM	0.5916	0.4084	0.6571	0.2462	0.7257
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.7870	0.2130	0.7813	0.5624	0.6928
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.9031	0.0969	0.7984	0.5312	0.3321
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5417	0.3056	0.3773	0.0492	0.4422
nursery	0.8542	0.0729	0.6487	0.7839	0.1847
obesity	0.7536	0.0704	0.7484	0.7125	0.2237
obs	0.7963	0.1019	0.8237	0.6856	0.2671
occupancy	0.9859	0.0141	0.9809	0.9611	0.1506
Occupancy_Estimation	0.9882	0.0059	0.9642	0.9640	0.0646
oh0-wc	0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.9123	0.0195	0.8353	0.8898	0.0492
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9769	0.0046	0.9789	0.9743	0.0317
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.8750	0.0063	0.8471	0.8718	0.0226
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8677	0.7310	0.5083
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9470	0.0212	0.5791	0.6328	0.1268
parkinson	0.8417	0.1583	0.8411	0.6560	0.4768
parkinsons	0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small	0.8421	0.1579	0.7920	0.4956	0.3261
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7723	0.2277	0.7079	0.2528	0.4120
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9369	0.0631	0.7116	0.2096	0.1619
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.8015	0.5217	0.3086
pediatric-leukemia	0.5294	0.1345	0.3716	0.4087	0.4037
pendigits	0.9809	0.0038	0.9816	0.9787	0.0279
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7697	0.2303	0.7475	0.4813	0.7017
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.7350	0.2650	0.7114	0.4208	0.7826
phishing	0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.6616	0.0967	0.5801	0.6023	0.2873
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.6590	0.0974	0.6332	0.5987	0.2907
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7889	0.2111	0.7465	0.4922	0.7238
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.5658	0.4342	0.3613	-0.0773	0.8157
pirvision	0.9399	0.0401	0.8881	0.7825	0.1195
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th	0.9306	0.0694	0.5966	0.0403	0.2959
polya	0.6919	0.3081	0.6656	0.1785	0.5376
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.5294	0.4706	0.5765	0.0588	0.6634
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2727	0.1119	0.1498	0.1927	0.3216
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.6429	0.3571	0.6774	0.1860	0.4929
prostate_GE	0.7273	0.2727	0.7243	0.4407	0.7677
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8787	0.0485	0.8411	0.8353	0.1623
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4950	0.5050	0.4949	-0.0101	0.9983
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8889	0.1111	0.8924	0.7778	0.4271
re0-wc	0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.5492	0.4508	0.3545	0.0000	0.5182

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8180	0.0607	0.7333	0.7711	0.1691
satimageF	0.9891	0.0109	0.9714	0.9421	0.0920
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.2791	0.2632	0.3282
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5294	0.4706	0.5315	0.0588	0.9560
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9134	0.0247	0.9229	0.8987	0.0954
segmentation	0.8218	0.1782	0.8028	0.5803	0.5587
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8637	0.1363	0.6899	0.1923	0.3400
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9922	0.0078	0.9885	0.9768	0.1057
smarket	0.8880	0.1120	0.8908	0.7752	0.4315
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6316	0.3684	0.6315	0.2486	0.8662
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1767	0.3293	0.1012	-0.0378	0.5562
solar-flare	0.7266	0.0911	0.5633	0.6475	0.1953
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.8971	0.0108	0.8240	0.8863	0.0409
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8674	0.1326	0.8669	0.7074	0.3874
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.4808	0.0385	0.2700	0.4446	0.1659
splice-EI	0.9338	0.0662	0.9102	0.8128	0.2911
splice-IE	0.7918	0.2082	0.6883	0.1723	0.3671
sport-articles	0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8154	0.1846	0.6851	0.3512	0.7045
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9692	0.0308	0.9524	0.9001	0.1086
steel-o	0.7231	0.2769	0.6911	0.2648	0.5619
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9538	0.0462	0.8720	0.7436	0.4535
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8403	0.1597	0.6747	0.2122	0.4634
stockb	0.8987	0.0675	0.9082	0.8481	0.1444
streaming	0.8740	0.1260	0.8747	0.7473	0.4979
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6667	0.2222	0.6694	0.5000	0.4210
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.9836	0.0030	0.9848	0.9820	0.0227
theorem	0.9951	0.0049	0.9950	0.9899	0.0414
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.6471	0.1765	0.6471	0.5364	0.1783
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3871	0.2043	0.1314	0.0490	0.4036
trec41-wc	0.3864	0.1227	0.1484	0.2257	0.3373
trec45-wc	0.2754	0.1449	0.0959	0.1009	0.3904
tuandromd	0.9552	0.0448	0.9294	0.8584	0.3016
turkish	0.8500	0.0750	0.8521	0.8000	0.1546
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.7846	0.2154	0.7762	0.4791	0.4876
tvnews10%	0.8682	0.1318	0.8582	0.7014	0.4585
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7612	0.0531	0.7259	0.7178	0.1463
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7143	0.1429	0.6495	0.6117	0.2909
vehicleVAN	0.9643	0.0357	0.9523	0.9000	0.1262
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5859	0.0753	0.5715	0.5444	0.2004

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.5385	0.0923	0.4000	0.4800	0.1477
warppie10p	0.8571	0.0286	0.8743	0.8409	0.0636
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.6332	0.1048	0.6151	0.5692	0.3788
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8320	0.1120	0.8390	0.7480	0.3409
weather-related	0.8731	0.0231	0.8862	0.8550	0.1120
web-phishing	0.8000	0.1333	0.5513	0.6221	0.3391
Weekly	0.8981	0.1019	0.9036	0.7889	0.3001
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0254
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5660	0.1447	0.2817	0.2635	0.3270
winequality-white	0.4826	0.1478	0.1572	0.1045	0.3406
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.5625	0.0583	0.5106	0.5333	0.0927
yeast	0.4527	0.1095	0.3291	0.2999	0.3442
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.8731	0.0254	0.8221	0.8578	0.1063

Table 259: Detailed results for BRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0695	0.0642	0.0512	0.0365	0.5969
abalone19	0.7201	0.2799	0.5142	0.0029	0.0713
abalone9-18	0.7123	0.2877	0.6888	0.2003	0.3372
accelerometer	0.8731	0.1269	0.6855	0.1779	0.2814
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9756	0.0244	0.9505	0.9007	0.2654
adult	0.8090	0.1910	0.7874	0.5503	0.6401
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.4762	0.5238	0.3893	-0.1056	0.4559
AID_1431_KlekotaRothFingerprinter	0.5000	0.5000	0.4584	-0.0409	0.4515
AID_1431_MACCSFingerprinter	0.4762	0.5238	0.4776	-0.0209	0.4354
AID_1878	0.6286	0.3714	0.5718	0.1241	0.7386
AID_602330	0.5573	0.4427	0.5171	0.0107	0.2586
AID_652128	0.3131	0.4579	0.4352	0.0427	0.3644
AID1284Morered	0.5556	0.4444	0.5542	0.0740	0.6007
AID1284red	0.5000	0.5000	0.5308	0.0386	0.5810
AID1608Morered	0.5728	0.4272	0.6190	0.1082	0.3408
AID1608red	0.6699	0.3301	0.5978	0.1007	0.3764
AID362red	0.8014	0.1986	0.5747	0.0408	0.1667
AID373AID439red	0.7088	0.2912	0.6311	0.0008	0.0017
AID373red	0.7755	0.2245	0.5914	0.0039	0.0130
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.6774	0.3226	0.5030	0.0002	0.0293
AID604	0.8683	0.1317	0.6623	0.0446	0.0719
AID604AID644_AllRed	0.8337	0.1663	0.6014	0.0060	0.0166
AID644Morered	0.5000	0.5000	0.4553	-0.0870	0.9393
AID644red	0.6500	0.3500	0.6030	0.2045	0.8754
AID687AID721red	0.4882	0.5118	0.5985	0.0012	0.0034
AID687red	0.6377	0.3623	0.5736	0.0056	0.0261
AID688red	0.5513	0.4487	0.5180	0.0029	0.0675
AID721morered	0.2222	0.7778	0.1818	-0.4651	0.7939
AID721red	0.3333	0.6667	0.5970	0.0690	0.4422
AID746AID1284red	0.7339	0.2661	0.6115	0.0043	0.0112
AID746red	0.7247	0.2753	0.6057	0.0214	0.0613
aids	0.8779	0.1221	0.8533	0.6969	0.5447
air_pollution	0.1567	0.2410	0.1591	0.0138	0.8633
air-booking	0.6872	0.3128	0.6564	0.2526	0.6336
airline	0.9593	0.0407	0.9586	0.9171	0.2276
alcohol	0.7714	0.0914	0.6038	0.5448	0.4736
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9395	0.0605	0.9334	0.8657	0.2997
anneal	0.7865	0.0854	0.7963	0.6523	0.2518
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9805	0.0195	0.7848	0.4545	0.4809
anuran-family	0.9332	0.0334	0.8813	0.8764	0.3088
anuran-genus	0.9360	0.0160	0.8908	0.8982	0.2318
anuran-species	0.9653	0.0069	0.9315	0.9519	0.1057
anxiety	0.1083	0.1981	0.1031	-0.0044	0.8125
apple-quality	0.8750	0.1250	0.8752	0.7500	0.4985
aps-failure	0.9467	0.0533	0.7576	0.3804	0.4466
arabidopsis	0.8162	0.1838	0.6290	0.0504	0.1112
arabidopsis0.1%	0.7471	0.2529	0.5923	0.0279	0.0935
arabidopsis1%	0.6614	0.3386	0.5952	0.0200	0.0675
arabidopsis10%	0.8003	0.1997	0.6128	0.0400	0.1034

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia	0.2889	0.1094	0.3373	0.2161	0.4399
auction	0.9902	0.0098	0.9791	0.9573	0.1761
audiology	0.4348	0.0471	0.1834	0.3758	0.0866
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6500	0.1167	0.5734	0.5611	0.2566
avila	0.5520	0.0747	0.5881	0.4750	0.6087
babies	0.2823	0.2051	0.2113	0.0858	0.6969
balance	0.5968	0.2688	0.5447	0.3974	0.4971
bank	0.8509	0.1491	0.7828	0.5037	0.5733
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9032	0.0968	0.8944	0.7881	0.4314
basehock	0.9849	0.0151	0.9849	0.9698	0.1051
bio	0.9763	0.0237	0.7651	0.4100	0.4638
bio10%	0.9705	0.0295	0.7265	0.3289	0.4267
biodeg	0.8667	0.1333	0.8625	0.7226	0.5300
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0073	0.0685	0.0693	0.0044	0.1437
bitcoin1%	0.0758	0.2641	0.2401	0.0087	0.0602
bitcoin10%	0.9633	0.0000	0.0768	0.1524	0.3204
body-perf	0.7418	0.1291	0.7426	0.6557	0.4051
bookings	0.9357	0.0429	0.7826	0.8700	0.0582
brain-tumor	0.5000	0.5000	0.5000	-0.0000	1.0000
breast-cancer	0.6786	0.3214	0.6816	0.3368	0.7643
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17	0.7913	0.2087	0.6921	0.3080	0.5612
bub12at310k-hg16-17	0.7959	0.2041	0.6969	0.3175	0.5622
bub8at310k-hg16-17	0.7746	0.2254	0.6968	0.3022	0.5363
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.2950	0.4700	0.3059	-0.0420	0.8004
car	0.8506	0.0747	0.8734	0.7187	0.3024
car-insurance	0.8180	0.1820	0.8081	0.6056	0.6319
card	0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography	0.8216	0.0357	0.8272	0.7920	0.2089
cardiotocography-nsp	0.8920	0.0720	0.8308	0.7371	0.4227
cardiovascular	0.7144	0.2856	0.7145	0.4289	0.8017
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.7265	0.6207	0.4680
cas_N6512_cdk_ECFP2	0.7849	0.2151	0.7852	0.5693	0.6897
cas_N6512_rdkit_ATOMPAIR	0.7754	0.2246	0.7751	0.5496	0.7080
cas_N6512_RDkit_AtomPair_FP	0.7776	0.2224	0.7772	0.5540	0.7045
cas_N6512_rdkit_AVALON	0.8172	0.1828	0.8175	0.6338	0.6290
cas_N6512_RDkit_Avalon_FP	0.8190	0.1810	0.8206	0.6385	0.6198
cas_N6512_rdkit_descriptors	0.7892	0.2108	0.7906	0.5789	0.6781
cas_N6512_rdkit_FEATMORGAN	0.7926	0.2074	0.7924	0.5842	0.6774
cas_N6512_RDkit_Featmorgan_FP	0.7975	0.2025	0.7983	0.5950	0.6651
cas_N6512_RDkit_FP	0.7807	0.2193	0.7811	0.5609	0.6968
cas_N6512_rdkit_LAYERED	0.8046	0.1954	0.8078	0.6107	0.6412
cas_N6512_RDkit_Layered_FP	0.7868	0.2132	0.7858	0.5716	0.6896

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.8080	0.1920	0.8065	0.6129	0.6501
cas_N6512_RDkit_MACCS_FP	0.8144	0.1856	0.8187	0.6307	0.6160
cas_N6512_rdkit_MORGAN	0.8092	0.1908	0.8089	0.6173	0.6468
cas_N6512_RDkit_morgan_FP	0.8160	0.1840	0.8161	0.6313	0.6318
cas_N6512_rdkit_PATTERN	0.7877	0.2123	0.7903	0.5767	0.6757
cas_N6512_RDkit_pattern_FP	0.7868	0.2132	0.7887	0.5744	0.6804
cas_N6512_rdkit_RDKITFP	0.8141	0.1859	0.8136	0.6269	0.6377
cas_N6512_rdkit_TORSION	0.7877	0.2123	0.7880	0.5749	0.6847
ccds	0.8034	0.1966	0.6484	0.1727	0.3770
ccds1%	0.6758	0.3242	0.6024	0.0814	0.2765
ccds10%	0.7394	0.2606	0.6145	0.1080	0.3160
cdc_diabetes	0.5933	0.2712	0.4685	0.2107	0.4962
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7876	0.2124	0.8019	0.5758	0.6158
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.8457	0.1543	0.6620	0.2280	0.4549
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.7533	0.2467	0.6137	0.1295	0.3887
CDS49_AID687_Rdkit-ecfp4-fp	0.7502	0.2498	0.5003	0.0000	0.0276
census	0.8488	0.1512	0.7382	0.3722	0.5066
census10%	0.9599	0.0465	0.7566	0.4228	0.3647
central-nervous-system	0.5000	0.5000	0.6604	0.1818	0.5239
cervical-B	0.9302	0.0698	0.7711	0.5343	0.5962
cervical-C	0.8140	0.1860	0.5803	0.1236	0.5157
cervical-H	0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S	0.9070	0.0930	0.7833	0.5497	0.6033
children-anemia	0.9277	0.0361	0.9098	0.8925	0.1787
chrom19	0.9834	0.0166	0.6829	0.0974	0.1383
chrom191%	0.9530	0.0470	0.6719	0.0454	0.0670
chrom1910%	0.9816	0.0184	0.6802	0.0962	0.1384
chrom21	0.8740	0.1260	0.6131	0.0017	0.0041
chrom211%	0.3825	0.6175	0.5806	0.0010	0.0037
chrom2110%	0.8712	0.1288	0.6064	0.0020	0.0050
chronic-kidney	0.8012	0.1988	0.6481	0.2390	0.5642
churn	0.7760	0.2240	0.7361	0.4440	0.6849
churn-bigml	0.8989	0.1011	0.8569	0.6797	0.5216
ci900367j_MACCS	0.7053	0.2947	0.7185	0.4179	0.7587
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6667	0.2222	0.5931	0.4357	0.5733
cjs	0.9964	0.0012	0.9959	0.9956	0.0106
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7269	0.1366	0.6855	0.6148	0.4645
climate	0.8519	0.1481	0.7122	0.3609	0.5697
cll_sub_111	0.4167	0.3889	0.4220	0.0455	0.5904
cm1	0.6800	0.3200	0.5981	0.1398	0.5505
cmc	0.5442	0.3039	0.5347	0.3100	0.6966
cnae-9	0.9444	0.0123	0.9465	0.9375	0.0628
codon_usage	0.6723	0.0596	0.6122	0.6138	0.4508
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9091	0.0909	0.8981	0.7867	0.4421
collins	0.7200	0.0373	0.6641	0.6946	0.1512
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-2	0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3	0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4	0.5172	0.4828	0.5107	0.0193	0.8693
colposcopies-5	0.7586	0.2414	0.7208	0.3940	0.6550
colposcopies-6	0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c	0.7241	0.2759	0.6594	0.3136	0.7964
column-2c	0.9355	0.0645	0.9342	0.8597	0.3145
column-3c	0.8065	0.1290	0.7543	0.6895	0.2733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.5110	0.4890	0.5133	0.0263	0.9870
connect-4	0.9506	0.0330	0.6334	0.4318	0.4993
cottonmeloidogyne	0.7596	0.2404	0.7616	0.5197	0.7246
coupon	0.7508	0.2492	0.7484	0.4960	0.7492
covid19	0.1494	0.2430	0.2622	0.0617	0.6813
covtype	0.7803	0.0628	0.7472	0.6682	0.4544
covtype10%	0.6465	0.1010	0.6398	0.4928	0.5117
covtypeCD	0.9697	0.0303	0.9434	0.8815	0.3332
covtypeT	0.9517	0.0483	0.8712	0.7131	0.5111
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans	0.9758	0.0242	0.6834	0.1149	0.1651
creditcard_trans10%	0.9810	0.0190	0.6684	0.1262	0.1956
crowdsourced	0.8774	0.0409	0.7732	0.7697	0.3761
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.6250	0.0187	0.4643	0.6133	0.0616
customer-churn	0.9040	0.0960	0.7212	0.2685	0.3626
cybersecurity	0.1400	0.2867	0.1415	-0.0315	0.8964
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.7963	0.2037	0.7970	0.5903	0.6643
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.6923	0.3077	0.6977	0.2353	0.3900
dating	0.1020	0.1796	0.1021	0.0022	0.9246
day1%	0.9548	0.0238	0.9647	0.9647	0.1574
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7480	0.2520	0.6963	0.3771	0.7425
defect	0.9599	0.0401	0.9227	0.8399	0.2297
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8357	0.1643	0.7723	0.4792	0.5768
depressed	0.5385	0.4615	0.5309	0.0459	0.6785
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.6525	0.4146	0.3469
dexter	0.9333	0.0667	0.9372	0.8667	0.2500
df_final	0.6875	0.2083	0.6844	0.5349	0.3571
DIA	0.7833	0.2167	0.7453	0.4800	0.7113
diabetes	0.9423	0.0577	0.9400	0.8793	0.3074
diabetes-100k	0.9046	0.0954	0.8097	0.5715	0.5632
diabetes-risk	0.8858	0.1142	0.8513	0.6900	0.5461
diabetic	0.4833	0.3444	0.4490	0.1804	0.7443
diabetic1%	0.4314	0.3791	0.4294	0.1224	0.7492
diabetic10%	0.5683	0.2793	0.4154	0.1544	0.5375
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7360	0.1056	0.7236	0.6302	0.3843
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih	0.4167	0.5833	0.4000	-0.2000	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.7654	0.2346	0.6223	0.0146	0.0337
dna1%	0.8500	0.1500	0.6446	0.0272	0.0500
dna10%	0.8690	0.1310	0.6466	0.0316	0.0569
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698
dota2	0.5727	0.4273	0.5737	0.1469	0.9479
dota210%	0.5786	0.4214	0.5791	0.1578	0.9444
drebin	0.9920	0.0080	0.9914	0.9828	0.0625
dropout	0.7336	0.1776	0.7081	0.5803	0.4572
drug-01	0.1649	0.2386	0.2029	0.0413	0.7899
drug-02	0.3564	0.1839	0.2773	0.1980	0.7614

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-03	0.1755	0.2356	0.1707	0.0497	0.6680
drug-04	0.2713	0.2082	0.2496	0.1191	0.7307
drug-05	0.1117	0.2538	0.1112	0.0258	0.6132
drug-06	0.2713	0.2082	0.2461	0.1434	0.7098
drug-07	0.1117	0.2538	0.0944	-0.0449	0.7934
drug-08	0.2979	0.2006	0.2181	0.1125	0.7984
drug-09	0.2606	0.2112	0.0893	0.0179	0.4935
drug-10	0.3298	0.1915	0.3047	0.1680	0.7291
drug-11	0.4415	0.1596	0.2357	0.0982	0.5609
drug-12	0.2340	0.2188	0.2093	0.0661	0.5875
drug-13	0.3830	0.1763	0.2407	0.1910	0.6639
drug-14	0.4734	0.1505	0.3815	0.2913	0.7408
drug-15	0.3830	0.1763	0.2165	0.1044	0.7134
drug-16	0.3617	0.1824	0.2282	0.1874	0.6799
drug-17	0.2234	0.2219	0.2346	0.1077	0.7366
drug-18	0.3617	0.2553	0.2330	0.0090	0.0148
drug-19	0.3085	0.1976	0.1470	0.0694	0.6657
drybean	0.9199	0.0229	0.9337	0.9032	0.1304
ecoli	0.7059	0.0735	0.4703	0.6009	0.1981
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.6970	0.3030	0.6205	0.1667	0.5194
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2500	0.3750	0.2545	0.0012	0.8497
eeg	0.4344	0.0707	0.4814	0.3911	0.6464
eeg-eye	0.9226	0.0774	0.9217	0.8434	0.3648
eeg10%	0.2876	0.0890	0.3639	0.2419	0.6627
email_phishing	0.7866	0.2134	0.6370	0.0712	0.1528
eucalyptus	0.6301	0.1479	0.6153	0.5316	0.3810
euthyroid	0.9525	0.0475	0.8855	0.7625	0.4738
exon.vs.intron-freq	0.9828	0.0172	0.9828	0.9655	0.1127
exon.vs.intron-freq10%	0.9639	0.0361	0.9642	0.9273	0.1930
fakenews	0.5025	0.4975	0.5024	0.0049	0.9986
farm-ads	0.9155	0.0845	0.9154	0.8295	0.3772
fbis-wc	0.8049	0.0230	0.7772	0.7816	0.1943
fertility	0.5000	0.5000	0.3333	-0.1905	0.5180
finance	0.7451	0.2549	0.7438	0.4872	0.7579
financial-risk	0.5355	0.1548	0.4607	0.3246	0.4987
fishcatch	0.8750	0.0417	0.9249	0.8462	0.0696
flags	0.4500	0.1375	0.4906	0.3855	0.2138
fonts	0.6076	0.0051	0.5092	0.5950	0.7005
fonts10%	0.3628	0.0083	0.2194	0.3460	0.7720
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.9950	0.0017	0.9950	0.9939	0.0128
gastrointestinal	0.7500	0.1667	0.8120	0.6279	0.3098
gender	0.4653	0.3565	0.4602	0.1423	0.7176
gene	0.9338	0.0442	0.9274	0.8947	0.1941
german	0.6400	0.3600	0.6205	0.2389	0.8814
gestures	0.9170	0.0415	0.9171	0.8893	0.1838
gina	0.9539	0.0461	0.9539	0.9078	0.2505
gisette	0.9714	0.0286	0.9714	0.9429	0.1749
glass	0.6190	0.1270	0.7506	0.5385	0.2968
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.9524	0.0476	0.9529	0.9014	0.2404
glassBWNFP	0.7619	0.2381	0.7698	0.5161	0.6769
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.8636	0.1364	0.7471	0.3529	0.4422

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassVWFP	0.5714	0.4286	0.6434	0.1043	0.2369
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8813	0.7590	0.4804
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.4667	0.2667	0.5739	0.3103	0.4958
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.6932	0.3602	0.7481
hapt	0.8957	0.0174	0.7756	0.8769	0.1546
har	0.9959	0.0016	0.9955	0.9948	0.0118
har70	0.7727	0.0650	0.6631	0.7034	0.2236
har701%	0.6650	0.0957	0.5546	0.5827	0.2645
har7010%	0.7436	0.0732	0.6281	0.6698	0.2426
harth	0.8266	0.0289	0.6538	0.7704	0.2919
harth1%	0.7575	0.0404	0.5572	0.6814	0.3500
harth10%	0.8523	0.0249	0.5030	0.8032	0.2031
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.5882	0.4118	0.6071	0.2013	0.8825
health-activity	0.3100	0.3450	0.2111	-0.0089	0.6097
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8710	0.1290	0.8745	0.7427	0.4884
heart-c	0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure	0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8536	0.1464	0.8541	0.7073	0.5488
hepmass10%	0.8640	0.1360	0.8643	0.7280	0.5249
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6900	0.3100	0.6907	0.3803	0.8308
higgs1%	0.7158	0.2842	0.7165	0.4320	0.7968
higgs10%	0.7380	0.2620	0.7388	0.4763	0.7649
higher	0.2143	0.1964	0.1782	0.0941	0.3561
hinselmann	0.5000	0.5000	0.5000	0.0000	0.7460
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8887	0.1113	0.8452	0.6687	0.5507
hiva	0.7849	0.2151	0.5745	0.0772	0.3387
horse	0.6389	0.2407	0.6275	0.4236	0.6315
hotel-reservartions	0.9046	0.0954	0.8947	0.7880	0.4487
hr	0.4702	0.5298	0.5230	0.0271	0.5624
ht-sensor	0.9999	0.0000	0.9999	0.9999	0.0004
ht-sensor10%	0.9991	0.0006	0.9992	0.9987	0.0048
htru2	0.9609	0.0391	0.8981	0.7893	0.4465
hypothyroid	0.6340	0.1830	0.4182	0.2025	0.4002
hypothyroidT	0.9894	0.0106	0.9660	0.9297	0.2551
ilpd	0.6610	0.3390	0.6441	0.2752	0.8175
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.9720	0.0140	0.9723	0.9627	0.0618
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9012	0.0076	0.9057	0.8972	0.0813
jm1	0.6841	0.3159	0.6588	0.2776	0.7063
jvowels	0.9769	0.0051	0.9749	0.9738	0.0396
kc1	0.7014	0.2986	0.6628	0.2725	0.6536
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.2857	0.0595	0.0256	0.1139	0.0841
kc1-class-level-top5percentDF	0.5333	0.4667	0.3478	-0.1290	0.3873
kc2	0.8077	0.1923	0.8159	0.5674	0.5244
kdc-4007	0.8055	0.0486	0.7070	0.7729	0.2735
kddcup98	0.5751	0.4249	0.5365	0.0278	0.3066
kddcup981%	0.6316	0.3684	0.6163	0.1026	0.3169
kddcup9810%	0.5654	0.4346	0.5175	0.0131	0.3097
kddcup99	0.9140	0.0086	0.4818	0.8570	0.1564
kddcup991%	0.9073	0.0143	0.6074	0.8478	0.1783
kddcup9910%	0.9370	0.0055	0.4920	0.8955	0.1960
kepler	0.8954	0.0697	0.8571	0.8282	0.2006
kidney	0.2030	0.3188	0.1814	-0.0151	0.5746
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.4449	0.0617	0.4939	0.3902	0.6074
krvskp	0.9875	0.0125	0.9876	0.9749	0.0814
la1s-wc	0.8952	0.0349	0.8947	0.8697	0.1828
la2s-wc	0.8543	0.0486	0.8409	0.8196	0.2488
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0147	0.4001	0.6909	0.0643
led24	0.7000	0.0600	0.6724	0.6610	0.1237
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9640	0.0028	0.9638	0.9625	0.0435
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.9110	0.8807	0.0496
linkage	0.9998	0.0002	0.9889	0.9775	0.1219
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.9976	0.0001	0.9791	0.9931	0.0216
liver	0.8235	0.1765	0.8102	0.6151	0.6335
loan	0.9859	0.0141	0.9850	0.9700	0.0987
localization	0.6001	0.0727	0.5452	0.5331	0.5808
localization10%	0.4557	0.0990	0.4374	0.3818	0.6503
lrs	0.5660	0.0868	0.2693	0.4322	0.2253
lung	0.8571	0.0571	0.9170	0.7649	0.1331
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8000	0.0800	0.8035	0.6721	0.3698
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7857	0.1071	0.6005	0.6557	0.2142
lymphoma2	0.6667	0.0741	0.5000	0.6029	0.0294
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.7692	0.2308	0.7693	0.5385	0.7188
magic04	0.8722	0.1278	0.8624	0.7238	0.5287
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7917	0.2083	0.7971	0.5860	0.6544
marketing	0.7812	0.2188	0.7218	0.3948	0.6400
maternal	0.8416	0.1056	0.8440	0.7598	0.3624
math	0.8000	0.1000	0.7928	0.7096	0.2801
mba	0.6177	0.2548	0.4989	0.2435	0.5082
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2000	0.3200	0.2014	0.0003	0.8742
messidor	0.6783	0.3217	0.6752	0.3499	0.8475
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9700	0.0060	0.9707	0.9667	0.0353
mfeat-fou	0.8050	0.0390	0.8066	0.7833	0.1495
mfeat-kar	0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-mor	0.6850	0.0630	0.6875	0.6500	0.2070
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0163
mfeat-zer	0.7750	0.0450	0.7777	0.7500	0.1440
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5319	0.4463	0.4305
mobile	0.9476	0.0019	0.9518	0.9466	0.0245
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9508	0.0492	0.9498	0.8946	0.2605
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4467	0.1006	0.5382	0.3755	0.5444
musk	0.9470	0.0530	0.9026	0.8041	0.4136
MUT_ci300400a_cdk_ECFP2	0.8141	0.1859	0.8149	0.6253	0.6295
MUT_ci300400a_cdk_ECFP4	0.8383	0.1617	0.8376	0.6724	0.5853
MUT_ci300400a_cdk_ECFP6	0.8156	0.1844	0.8111	0.6222	0.6403
MUT_ci300400a_cdk_ESTATE	0.7974	0.2026	0.7923	0.5845	0.6753
MUT_ci300400a_cdk_EXTENDED	0.8705	0.1295	0.8707	0.7380	0.5075
MUT_ci300400a_cdk_FCFP2	0.8240	0.1760	0.8238	0.6441	0.6129
MUT_ci300400a_cdk_FCFP4	0.8106	0.1894	0.8101	0.6170	0.6404
MUT_ci300400a_cdk_FCFP6	0.8189	0.1811	0.8168	0.6321	0.6292
MUT_ci300400a_cdk_MACCS	0.8513	0.1487	0.8510	0.6989	0.5554
MUT_ci300400a_cdk_PUBCHEM	0.8838	0.1162	0.8819	0.7629	0.4824
MUT_ci300400a_cdk_STANDARD	0.8503	0.1497	0.8480	0.6949	0.5640
MUT_ci300400a_rdkit_descriptors	0.8559	0.1441	0.8560	0.7092	0.5438
myocardial	0.5235	0.1191	0.3367	0.1960	0.4699
naticusdroid	0.9717	0.0283	0.9717	0.9434	0.1736
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.5000	0.1111	0.3030	0.4375	0.0440
ncRNA	0.7608	0.0252	0.6113	0.5574	0.9081
ncRNA1%	0.5881	0.0434	0.4250	0.3571	0.8468
ncRNA10%	0.8995	0.0095	0.5306	0.7586	0.4356
neo	0.8066	0.1934	0.7594	0.4114	0.5114
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.8414	0.0072	0.8476	0.8366	0.1227
newspop	0.6655	0.3345	0.6647	0.3293	0.8628
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9626	0.0374	0.9553	0.9098	0.2565
NPHA-doctor-visits	0.3194	0.4537	0.3247	-0.0238	0.8099
nursery	0.6327	0.1469	0.4867	0.5129	0.3538
obesity	0.9384	0.0176	0.9404	0.9280	0.0775
obs	0.9722	0.0139	0.9811	0.9591	0.0599
occupancy	0.9922	0.0078	0.9892	0.9783	0.0971
Occupancy_Estimation	0.9941	0.0030	0.9801	0.9820	0.0280
oh0-wc	0.9109	0.0178	0.9138	0.8987	0.0849
oh10-wc	0.7619	0.0476	0.7537	0.7319	0.2361
oh15-wc	0.9022	0.0196	0.9025	0.8892	0.1058
oh5-wc	0.8901	0.0220	0.9046	0.8762	0.1190
ohscal-wc	0.7823	0.0435	0.7752	0.7569	0.2942
olive	0.9298	0.0156	0.9293	0.9129	0.0693
opn310k	0.8001	0.1999	0.6993	0.3238	0.5651
opn310k10%	0.7817	0.2183	0.6898	0.2954	0.5447

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opnat310k-hg16-17	0.8061	0.1939	0.7054	0.3365	0.5669
optdigits	0.9644	0.0071	0.9658	0.9604	0.0524
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.8419	0.1581	0.7197	0.2662	0.3697
ozone8hr	0.7905	0.2095	0.6448	0.2239	0.5409
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8557	0.1443	0.8513	0.6942	0.5502
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants	0.8641	0.1359	0.6650	0.0569	0.0915
p53-mutants10%	0.7707	0.2293	0.6446	0.0209	0.0385
page-blocks	0.9104	0.0358	0.7642	0.6509	0.4234
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9052	0.0948	0.8999	0.7996	0.4315
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.9257	0.0743	0.9146	0.8244	0.3984
particle10%	0.9046	0.0954	0.8927	0.7779	0.4568
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.7748	0.2252	0.6977	0.2760	0.4721
pcmac	0.4897	0.5103	0.5025	0.0048	0.9681
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8574	0.6923	0.5240
pediatric-leukemia	0.7941	0.0588	0.7837	0.7516	0.2090
pendigits	0.9936	0.0013	0.9935	0.9929	0.0124
period	0.6667	0.3333	0.7500	0.4000	0.5283
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
persistency	0.8251	0.1749	0.8156	0.6307	0.6288
personalities	0.9747	0.0032	0.9747	0.9730	0.0458
pet-adoption	0.9250	0.0750	0.9145	0.8284	0.3690
phishing	0.9796	0.0204	0.9786	0.9573	0.1420
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.9804	0.0056	0.9785	0.9771	0.0262
phone-acc0.1%	0.8813	0.0339	0.8736	0.8613	0.1215
phone-acc1%	0.9296	0.0201	0.9241	0.9178	0.0806
phone-acc10%	0.9616	0.0110	0.9580	0.9552	0.0449
phone-gyr	0.9844	0.0045	0.9825	0.9818	0.0226
phone-gyr0.1%	0.8859	0.0326	0.8788	0.8665	0.1432
phone-gyr1%	0.9493	0.0145	0.9445	0.9407	0.0693
phone-gyr10%	0.9745	0.0073	0.9715	0.9702	0.0348
phoneme	0.8944	0.1056	0.8857	0.7596	0.4699
phy	0.7128	0.2872	0.7128	0.4255	0.8041
pima	0.8026	0.1974	0.7980	0.5940	0.6633
pirvision	0.9863	0.0091	0.9776	0.9579	0.1237
placement	0.7860	0.2140	0.7824	0.5642	0.6933
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.5000	0.5000	0.4721	-0.0519	0.8981
poker	0.1718	0.1656	0.1439	0.0042	0.9276
poker1%	0.1522	0.2422	0.2190	0.0211	0.7321
poker10%	0.1878	0.2030	0.1849	0.0074	0.8425
polish-1st	0.7767	0.2233	0.6801	0.1873	0.3279
polish-2nd	0.7306	0.2694	0.6383	0.1289	0.3084
polish-3rd	0.7181	0.2819	0.6118	0.1140	0.3535
polish-4th	0.7490	0.2510	0.6743	0.2004	0.3806
polish-5th	0.8443	0.1557	0.7226	0.3588	0.5340
polya	0.7643	0.2357	0.7593	0.5114	0.7183
popularity	0.4905	0.3396	0.5026	0.2162	0.6299

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
post-operative	0.4444	0.3704	0.3810	0.1667	0.3263
postures	0.9885	0.0046	0.9883	0.9856	0.0307
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3636	0.0579	0.2452	0.3232	0.1817
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6119	0.3881	0.6333	0.2433	0.8189
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9947	0.0021	0.9910	0.9929	0.0221
puc-rio10%	0.9879	0.0048	0.9776	0.9838	0.0375
pufs-128	0.4995	0.5004	0.4996	-0.0009	0.9992
pufs-1281%	0.5020	0.4980	0.5020	0.0040	0.9977
pufs-12810%	0.5049	0.4951	0.5049	0.0098	0.9962
pufs-64	0.5026	0.4974	0.5026	0.0052	0.9975
pufs-641%	0.4929	0.5071	0.4929	-0.0142	1.0000
pufs-6410%	0.5007	0.4993	0.5006	0.0013	0.9983
pulsar	0.9657	0.0343	0.9094	0.8138	0.4179
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
rcv1	0.5887	0.0155	0.4009	0.5515	0.8908
rcv11%	0.5056	0.0241	0.3765	0.4555	0.5513
rcv110%	0.6147	0.0154	0.4437	0.5788	0.7304
re0-wc	0.6733	0.0503	0.7425	0.6105	0.3372
re1-wc	0.6446	0.0284	0.6863	0.6211	0.2269
rejafada	0.9950	0.0050	0.9665	0.9307	0.2605
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4108	0.0181	0.1628	0.2840	0.5413
rice	0.9857	0.0143	0.9856	0.9711	0.1021
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.7025	0.2975	0.7189	0.4179	0.7586
RT_IOT2022	0.9861	0.0023	0.8477	0.9652	0.0609
satimage	0.9145	0.0285	0.9046	0.8949	0.1502
satimageF	0.9860	0.0140	0.9654	0.9301	0.2271
satimageT	0.8756	0.1244	0.8041	0.5452	0.5541
scadi	0.5714	0.1224	0.3687	0.4615	0.1141
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.6538	0.3462	0.6032	0.1084	0.3893
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9784	0.0062	0.9814	0.9747	0.0275
segmentation	0.8515	0.1485	0.8486	0.6897	0.5568
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.7597	0.2403	0.6443	0.1938	0.4680
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.6737	0.3263	0.5930	0.1495	0.6434
sens-10-gram	0.8084	0.1916	0.6520	0.2962	0.7183
sens-2-gram	0.7026	0.2974	0.6303	0.2130	0.6368
sens-3-gram	0.7474	0.2526	0.6539	0.2675	0.6571
sens-4-gram	0.7158	0.2842	0.5897	0.1569	0.6831
sens-5-gram	0.7342	0.2658	0.6235	0.2161	0.6728
sens-6-gram	0.7184	0.2816	0.5662	0.1192	0.7017
sens-7-gram	0.7263	0.2737	0.6013	0.1787	0.6837
sens-8-gram	0.7158	0.2842	0.5774	0.1371	0.6919
sens-9-gram	0.7842	0.2158	0.5989	0.1927	0.7362
sensorless	0.9990	0.0002	0.9990	0.9989	0.0024

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sepsis	0.5344	0.4656	0.5868	0.0877	0.4195
shoppers	0.8637	0.1363	0.8004	0.5759	0.6069
shuttle	0.9922	0.0022	0.8579	0.9785	0.2461
sick	0.9682	0.0318	0.8872	0.7687	0.4577
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9994	0.0006	0.9991	0.9983	0.0131
skin10%	0.9980	0.0020	0.9969	0.9938	0.0375
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2000	0.4000	0.1878	-0.0650	0.8305
smk_can_187	0.5263	0.4737	0.5225	0.0447	0.9841
smoking	0.8224	0.1776	0.8303	0.6419	0.5759
soil_pollution	0.2067	0.3173	0.2060	0.0081	0.8692
solar-flare	0.6906	0.1031	0.6268	0.6156	0.2741
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.9706	0.0031	0.9809	0.9678	0.0165
spam-detection	0.9320	0.0680	0.8467	0.6716	0.5411
spambase	0.9370	0.0630	0.9343	0.8685	0.3242
spect	0.6667	0.3333	0.7404	0.3721	0.5239
spectf	0.8857	0.1143	0.8600	0.7200	0.5179
spectrometer	0.3962	0.0252	0.2080	0.3662	0.1592
splice-EI	0.9558	0.0442	0.9475	0.8894	0.2925
splice-IE	0.9243	0.0757	0.9059	0.8048	0.4266
sport-articles	0.8200	0.1800	0.8196	0.6304	0.6145
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.2667	0.2857	0.2308	0.1805
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9170	0.0554	0.8969	0.8659	0.2102
steel-b	0.7949	0.2051	0.7707	0.5061	0.6424
steel-d	0.9231	0.0769	0.7333	0.3706	0.4918
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8051	0.1949	0.7987	0.5906	0.6543
steel-p	0.8462	0.1538	0.7618	0.4316	0.5323
steel-s	0.9744	0.0256	0.8470	0.6925	0.4821
steel-z	0.9641	0.0359	0.9192	0.8247	0.4176
stellar	0.9708	0.0195	0.9670	0.9486	0.1218
stock	0.8403	0.1597	0.8104	0.5799	0.5821
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0362
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.3600	0.2560	0.3266	0.1795	0.6000
student-depression	0.8315	0.1685	0.8271	0.6541	0.6082
student-habits	0.2400	0.3040	0.2984	0.0909	0.7148
student-weekend	0.2615	0.2954	0.2809	0.0695	0.6854
student-workday	0.5000	0.2000	0.2394	0.1651	0.7013
studentap	0.5385	0.3077	0.5960	0.3036	0.4805
susy1%	0.7964	0.2036	0.7945	0.5873	0.6678
susy10%	0.7980	0.2020	0.7961	0.5906	0.6649
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.6000	0.2667	0.6082	0.4000	0.6002
telco-churn	0.8864	0.1136	0.8657	0.7256	0.5205
texture	0.9800	0.0036	0.9812	0.9779	0.0299
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.6170	0.3830	0.5740	0.1151	0.6565
thrombin	0.9424	0.0576	0.6481	0.2434	0.4832
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tis	0.8811	0.1189	0.8626	0.7115	0.5239
tis10%	0.8955	0.1045	0.8742	0.7398	0.5018
titanic	0.7591	0.2409	0.7276	0.4549	0.7599
tourist	1.0000	0.0000	0.8333	1.0000	0.0000
tox_171	0.7059	0.1471	0.7348	0.6119	0.1908
toxicity	0.4706	0.5294	0.4411	-0.1168	0.9859
toxicity-13f	0.7647	0.2353	0.7424	0.4848	0.7453
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.5733	0.4267	0.5420	0.0762	0.8280
trec11-wc	0.5610	0.0976	0.5436	0.4993	0.2667
trec12-wc	0.8710	0.0323	0.8646	0.8446	0.0953
trec21-wc	0.6364	0.1212	0.6483	0.4612	0.3528
trec23-wc	0.7619	0.0794	0.6486	0.6698	0.2352
trec31-wc	0.5484	0.1290	0.5600	0.4606	0.3699
trec41-wc	0.7955	0.0409	0.7799	0.7582	0.2208
trec45-wc	0.8841	0.0232	0.8578	0.8648	0.1024
tuandromd	0.9821	0.0179	0.9732	0.9457	0.1915
turkish	0.8250	0.0875	0.8213	0.7667	0.2430
tvnews	0.9574	0.0426	0.9541	0.9081	0.2456
tvnews1%	0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%	0.9005	0.0995	0.8941	0.7879	0.4483
ur3_cobotops_grip	0.8531	0.1469	0.6669	0.2068	0.3876
ur3_cobotops_stop	0.9524	0.0476	0.8193	0.5762	0.5373
urban	0.8657	0.0299	0.8893	0.8431	0.1224
urinalysis	0.7902	0.2098	0.6615	0.2146	0.4468
ustilago	0.8196	0.1804	0.6368	0.0641	0.1339
ustilago1%	0.6515	0.3485	0.6045	0.0261	0.0790
ustilago10%	0.7428	0.2572	0.6227	0.0449	0.1092
vehicle	0.7619	0.1190	0.7147	0.6775	0.2247
vehicleVAN	0.9643	0.0357	0.9565	0.9091	0.2605
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6566	0.0624	0.6811	0.6222	0.1927
vowelZ	0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17	0.8298	0.1702	0.7191	0.3745	0.5831
wap-wc	0.5962	0.0404	0.5523	0.5558	0.3123
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.9997	0.0001	0.9997	0.9997	0.0010
watch-acc1%	0.9667	0.0095	0.9659	0.9610	0.0564
watch-acc10%	0.9962	0.0011	0.9961	0.9956	0.0090
watch-gyr	0.9997	0.0001	0.9997	0.9997	0.0010
watch-gyr1%	0.9504	0.0142	0.9490	0.9421	0.0695
watch-gyr10%	0.9922	0.0022	0.9919	0.9909	0.0156
water_pollution	0.2300	0.3850	0.2305	-0.0263	0.8735
waveform	0.8400	0.1067	0.8402	0.7600	0.3679
weather-related	0.9712	0.0052	0.9746	0.9674	0.0476
web-phishing	0.8519	0.0988	0.8291	0.7490	0.4105
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9995	0.0002	0.9994	0.9994	0.0018
white-clover	0.3333	0.3333	0.1250	0.0000	0.1934
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9441	0.0559	0.8195	0.5929	0.5499
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.3585	0.2138	0.3847	0.1768	0.7079
winequality-white	0.3006	0.1998	0.2319	0.1241	0.7427
winnipeg	0.9851	0.0043	0.9666	0.9812	0.0776
winnipeg10%	0.9730	0.0077	0.9473	0.9659	0.1093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5811	0.0838	0.4097	0.4707	0.5465
yeastCYT-POX	0.7755	0.2245	0.6979	0.2108	0.3281
yeastEXC	0.8851	0.1149	0.7292	0.2877	0.3783
yeastME1	0.9392	0.0608	0.7807	0.4478	0.4858
yeastME2	0.8581	0.1419	0.6794	0.2691	0.4861
zip	0.9462	0.0108	0.9410	0.9398	0.0901

Table 260: Detailed results for BUTIF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1990	0.0552	0.0967	0.1277	0.4990
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9741	0.0259	0.5498	0.0950	0.5854
accident	0.5000	0.5000	0.5000	0.0000	0.9713
ads	0.9756	0.0244	0.9482	0.8950	0.1934
adult	0.8423	0.1577	0.7684	0.5304	0.6372
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_KlekotaRothFingerprinter	0.8571	0.1429	0.4615	-0.0728	0.7372
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.7619	0.2381	0.5327	0.0622	0.8294
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.8182	0.1212	0.3017	-0.0137	0.6496
AID1284Morered	0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red	0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered	0.8932	0.1068	0.6051	0.2094	0.6663
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9940	0.0060	0.4985	-0.0030	0.5141
AID604	0.9956	0.0044	0.5540	0.0853	0.4941
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5631	0.1250	0.9054
AID644red	0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9890	0.0110	0.4972	-0.0031	0.4667
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.4444	0.5556	0.3077	-0.3636	0.8576
AID746AID1284red	0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red	0.9936	0.0064	0.5878	0.0937	0.3472
aids	0.7981	0.2019	0.7021	0.3938	0.7243
air_pollution	0.3167	0.1952	0.1589	0.0219	0.8586
air-booking	0.8504	0.1496	0.5784	0.0305	0.4150
airline	0.9166	0.0834	0.9151	0.8293	0.3761
alcohol	0.8381	0.0648	0.6802	0.6087	0.2120
all-aml	0.8333	0.1667	0.8537	0.6667	0.4644
alzheimers	0.7209	0.2791	0.6912	0.3821	0.8107
anneal	0.9775	0.0090	0.9714	0.9510	0.0249
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9972	0.0028	0.9085	0.7987	0.0133
anuran-family	0.9736	0.0132	0.7288	0.9494	0.0732
anuran-genus	0.9694	0.0076	0.8828	0.9496	0.0739
anuran-species	0.9708	0.0058	0.8791	0.9593	0.0407
anxiety	0.1000	0.2000	0.0960	-0.0136	0.8099
apple-quality	0.7950	0.2050	0.7950	0.5900	0.6736
aps-failure	0.9903	0.0097	0.8596	0.7189	0.4008
arabidopsis	0.9899	0.0101	0.5585	0.0976	0.5218
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9923	0.0077	0.6543	0.1855	0.2789
arabidopsis10%	0.9903	0.0097	0.5478	0.0698	0.4902

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
auction	0.9069	0.0931	0.7549	0.4191	0.3576
audiology	0.4783	0.0435	0.1706	0.4090	0.1473
audit-risk	0.9744	0.0256	0.9732	0.9465	0.1658
autism-adolescent	0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult	0.9286	0.0714	0.9162	0.8279	0.3945
autism-child	0.5517	0.4483	0.5556	0.1087	0.9549
autos	0.4500	0.1833	0.2512	0.3168	0.3420
avila	0.6287	0.0619	0.5620	0.4914	0.4576
balance	0.7581	0.1613	0.6435	0.5554	0.4911
bank	0.9104	0.0896	0.7541	0.5017	0.5817
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8479	0.1521	0.8325	0.6555	0.5436
basehock	0.9648	0.0352	0.9648	0.9296	0.2045
bio	0.9962	0.0038	0.8826	0.7558	0.2259
bio10%	0.9945	0.0055	0.8568	0.7115	0.4541
biodeg	0.8667	0.1333	0.8573	0.7089	0.5044
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9655	0.0031	0.0452	-0.0065	0.3748
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.5425	0.2287	0.5493	0.3901	0.5917
bookings	0.9880	0.0080	0.7408	0.9746	0.1116
brain-tumor	0.4975	0.5025	0.4974	-0.0051	1.0000
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.3636	0.6364	0.3682	-0.2222	1.0000
breast-tissue	0.7273	0.0909	0.6655	0.6700	0.1505
bridges	0.7949	0.0683	0.5189	0.7027	0.0565
bub10at310k-hg16-17	0.9017	0.0983	0.6223	0.2170	0.6353
bub12at310k-hg16-17	0.9005	0.0995	0.6124	0.1956	0.6376
bub8at310k-hg16-17	0.8986	0.1014	0.6384	0.2652	0.6610
cad	0.9000	0.1000	0.8858	0.7692	0.4726
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4330	0.3780	0.3305	-0.0245	0.7559
car	0.8736	0.0632	0.8288	0.7376	0.3314
car-insurance	0.8270	0.1730	0.7958	0.5910	0.6438
card	0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography	0.6901	0.0620	0.5736	0.6214	0.2874
cardiotocography-nsp	0.8685	0.0876	0.7358	0.6237	0.4175
cardiovascular	0.6590	0.3410	0.6591	0.3180	0.8700
cargo2k	0.9822	0.0118	0.9821	0.9733	0.0664
cars	0.6750	0.2167	0.5289	0.2992	0.5700
cas_N6512_cdk_ECFP2	0.7527	0.2473	0.7504	0.5000	0.7453
cas_N6512_rdkit_ATOMPAIR	0.7662	0.2338	0.7646	0.5291	0.7254
cas_N6512_RDkit_AtomPair_FP	0.7301	0.2699	0.7277	0.4546	0.7800
cas_N6512_rdkit_AVALON	0.7742	0.2258	0.7727	0.5455	0.7120
cas_N6512_RDkit_Avalon_FP	0.8037	0.1963	0.8030	0.6058	0.6582
cas_N6512_rdkit_descriptors	0.7631	0.2369	0.7627	0.5249	0.7286
cas_N6512_rdkit_FEATMORGAN	0.7650	0.2350	0.7638	0.5276	0.7270
cas_N6512_RDkit_Featmorgan_FP	0.7515	0.2485	0.7502	0.5004	0.7487
cas_N6512_RDkit_FP	0.7684	0.2316	0.7665	0.5324	0.7203
cas_N6512_rdkit_LAYERED	0.7692	0.2308	0.7676	0.5351	0.7201
cas_N6512_RDkit_Layered_FP	0.7638	0.2362	0.7618	0.5228	0.7274
cas_N6512_rdkit_MACCS	0.7942	0.2058	0.7926	0.5852	0.6764
cas_N6512_RDkit_MACCS_FP	0.7699	0.2301	0.7687	0.5374	0.7190
cas_N6512_rdkit_MORGAN	0.7369	0.2631	0.7345	0.4673	0.7677

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.7500	0.2500	0.7481	0.4960	0.7510
cas_N6512_rdkit_PATTERN	0.7600	0.2400	0.7591	0.5181	0.7347
cas_N6512_RDkit_pattern_FP	0.7132	0.2868	0.7117	0.4234	0.8045
cas_N6512_rdkit_RDKITFP	0.7696	0.2304	0.7681	0.5361	0.7196
cas_N6512_rdkit_TORSION	0.7015	0.2985	0.7011	0.4018	0.8179
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9621	0.0379	0.6264	0.1084	0.3068
cdc_diabetes	0.8356	0.1096	0.4279	0.1854	0.4117
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8238	0.1762	0.8194	0.6313	0.6163
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9711	0.0289	0.8033	0.5894	0.3951
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9483	0.0517	0.6452	0.2622	0.5616
CDS49_AID687_Rdkit-ecfp4-fp	0.9967	0.0033	0.4992	-0.0013	0.5230
census	0.9496	0.0504	0.7499	0.4725	0.4709
census10%	0.9442	0.0558	0.7128	0.4133	0.5583
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S	0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia	0.7823	0.1088	0.7393	0.6712	0.3348
chrom19	0.9992	0.0008	0.7128	0.2629	0.1218
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9990	0.0010	0.6665	0.1902	0.2144
chrom21	0.9995	0.0005	0.4999	-0.0002	0.4206
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9036	0.0964	0.5434	0.0707	0.6622
churn	0.8400	0.1600	0.7258	0.4353	0.6539
churn-bigml	0.8539	0.1461	0.6324	0.2251	0.6602
ci900367j_MACCS	0.6316	0.3684	0.6197	0.2379	0.8919
cirrhosis	0.7857	0.1429	0.5331	0.5800	0.3660
cjs	0.9893	0.0036	0.9886	0.9869	0.0212
ckd	0.8000	0.2000	0.7895	0.4937	0.3876
clave	0.7269	0.1366	0.5355	0.5825	0.5145
climate	0.9074	0.0926	0.4757	-0.0305	0.6464
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5306	0.3129	0.4983	0.2592	0.7267
cnae-9	0.9537	0.0103	0.9541	0.9479	0.0528
codon_usage	0.8956	0.0190	0.7518	0.8733	0.1681
coil20	0.9583	0.0042	0.9650	0.9561	0.0223
college	0.8701	0.1299	0.8418	0.6821	0.5658
collins	0.3000	0.0933	0.2224	0.2212	0.3979
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.6897	0.3103	0.6729	0.3185	0.7867
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.4138	0.5862	0.4068	-0.1823	1.0000
colposcopies-c	0.7586	0.2414	0.6226	0.2281	0.7911
column-2c	0.7742	0.2258	0.7264	0.4055	0.6396
column-3c	0.6129	0.2581	0.5409	0.3779	0.6021
comedy_comparisons1%	0.5356	0.4644	0.5342	0.0684	0.9784
connect-4	0.9953	0.0032	0.8705	0.8893	0.0096
cottonmeloidogyne	0.7019	0.2981	0.7021	0.4040	0.8181
coupon	0.7003	0.2997	0.6928	0.3851	0.8244
covid19	0.5102	0.1399	0.2127	0.1329	0.3959
covtype	0.7581	0.0691	0.6700	0.6040	0.3650

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.7577	0.0692	0.6269	0.6026	0.3808
covtypeCD	0.9786	0.0214	0.9536	0.9058	0.1655
covtypeT	0.9696	0.0304	0.8765	0.7503	0.3612
crabs	0.7000	0.1500	0.7041	0.6000	0.2396
creditcard_trans	0.9992	0.0008	0.8644	0.7205	0.2717
creditcard_trans10%	0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced	0.9217	0.0261	0.8082	0.8386	0.2693
cryotherapy	0.5556	0.4444	0.5791	0.1429	0.8961
cultivars	0.4062	0.0297	0.2955	0.3889	0.0958
customer-churn	0.9794	0.0206	0.6328	0.1700	0.3714
cybersecurity	0.1733	0.2756	0.1707	0.0081	0.8679
cyclopentane	0.4815	0.5185	0.4750	-0.0500	1.0000
cylinder-bands	0.7222	0.2778	0.7119	0.4156	0.7798
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dating	0.0990	0.1802	0.0991	-0.0012	0.9270
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7997	0.2003	0.6615	0.2915	0.7099
defect	0.8333	0.1667	0.6300	0.2396	0.7182
dementia	0.9800	0.0200	0.9803	0.9599	0.1081
deposit	0.8956	0.1044	0.7133	0.4152	0.6193
depressed	0.7902	0.2098	0.5126	0.0210	0.7983
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.3750	0.4167	0.3028	0.0000	0.6592
dexter	0.8667	0.1333	0.8667	0.7333	0.5209
df_final	0.3125	0.4583	0.4049	0.0737	0.4110
DIA	0.8500	0.1500	0.7849	0.5500	0.5687
diabetes	0.9038	0.0962	0.8978	0.7950	0.4246
diabetes-100k	0.9539	0.0461	0.8353	0.6561	0.3791
diabetes-risk	0.8729	0.1271	0.7930	0.5780	0.5741
diabetic	0.5140	0.3240	0.4011	0.1270	0.7212
diabetic1%	0.5000	0.3333	0.4713	0.1731	0.7207
diabetic10%	0.4676	0.3549	0.3591	0.0311	0.7858
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8500	0.0750	0.8306	0.7896	0.2051
diamonds_all	0.6110	0.1556	0.5818	0.4430	0.4846
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.7059	0.2857	0.5283
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.2917	0.7083	0.2809	-0.4366	1.0000
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9961	0.0039	0.4990	-0.0016	0.5292
dorothea	0.8696	0.1304	0.7167	0.4131	0.6429
dota2	0.5530	0.4470	0.5511	0.1021	0.9666
dota210%	0.5320	0.4680	0.5299	0.0597	0.9810
drebin	0.9847	0.0153	0.9836	0.9671	0.1066
dropout	0.7088	0.1941	0.6278	0.5153	0.5647
drug-01	0.3351	0.1900	0.1838	0.0513	0.7494
drug-02	0.4521	0.1565	0.2178	0.1365	0.7340
drug-03	0.4734	0.1505	0.1614	0.0813	0.3874
drug-04	0.4255	0.1641	0.1790	0.0773	0.8290
drug-05	0.6330	0.1049	0.1260	-0.0014	0.7518
drug-06	0.2713	0.2082	0.2060	0.1145	0.7440
drug-07	0.4202	0.1657	0.1229	0.0084	0.3515
drug-08	0.5106	0.1398	0.2054	0.1673	0.6786
drug-09	0.6755	0.0927	0.1698	0.1787	0.1932
drug-10	0.4840	0.1474	0.1907	0.1374	0.7084

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.8085	0.0547	0.1289	0.0256	0.6055
drug-12	0.7606	0.0684	0.1423	0.0440	0.3787
drug-13	0.5053	0.1413	0.1510	0.1303	0.7204
drug-14	0.5213	0.1368	0.2380	0.1692	0.6144
drug-15	0.7074	0.0836	0.1999	0.1228	0.7423
drug-16	0.5266	0.1353	0.2454	0.2372	0.6145
drug-17	0.2766	0.2067	0.2083	0.0701	0.8046
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7021	0.0851	0.1522	0.0486	0.6499
drybean	0.9060	0.0269	0.9187	0.8862	0.1526
ecoli	0.6905	0.0956	0.4098	0.5603	0.2498
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2200	0.3900	0.2205	-0.0403	0.8664
eeg	0.4049	0.0744	0.4244	0.3384	0.6527
eeg-eye	0.7150	0.2850	0.7114	0.4228	0.8033
eeg10%	0.2944	0.0882	0.2646	0.2151	0.6756
email_phishing	0.9867	0.0133	0.5431	0.0027	0.0907
eucalyptus	0.5890	0.1644	0.5595	0.4704	0.4300
euthyroid	0.9399	0.0601	0.8056	0.5503	0.2762
exon.vs.intron-freq	0.9352	0.0648	0.9356	0.8703	0.3164
exon.vs.intron-freq10%	0.9254	0.0746	0.9262	0.8508	0.3458
fakenews	0.4875	0.5125	0.4874	-0.0253	1.0000
farm-ads	0.9010	0.0990	0.9011	0.8000	0.4162
fbis-wc	0.7154	0.0335	0.6717	0.6746	0.2351
fertility	0.9000	0.1000	0.8361	0.6154	0.5283
finance	0.5490	0.4510	0.5429	0.0857	0.9701
financial-risk	0.7860	0.0713	0.5538	0.6583	0.2953
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
forest	0.8654	0.0673	0.8530	0.8137	0.1887
gas	0.9885	0.0038	0.9886	0.9860	0.0301
gastrointestinal	0.6250	0.2500	0.5876	0.3600	0.5906
gender	0.5642	0.2905	0.3582	0.0975	0.5363
gene	0.8076	0.1283	0.7903	0.6821	0.4220
german	0.6700	0.3300	0.6095	0.2067	0.8645
gestures	0.6344	0.1828	0.6370	0.5127	0.5451
gina	0.8156	0.1844	0.8157	0.6311	0.6338
gisette	0.9486	0.0514	0.9486	0.8971	0.2704
glass	0.7143	0.0952	0.5718	0.5974	0.2642
glass-g2	0.5000	0.5000	0.5333	0.0588	0.9056
glassBWFP	0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP	0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8214	0.1786	0.8149	0.6281	0.6226
green	0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage	0.4667	0.2667	0.4750	0.2727	0.5736
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.9241	0.0127	0.7910	0.9103	0.0716
har	0.9455	0.0218	0.9421	0.9310	0.1158

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.8142	0.0531	0.5005	0.7216	0.4085
har701%	0.8173	0.0522	0.4838	0.7243	0.2819
har7010%	0.8120	0.0537	0.5258	0.7192	0.3431
harth	0.7894	0.0351	0.4694	0.7123	0.3530
harth1%	0.7849	0.0359	0.4481	0.7041	0.3027
harth10%	0.7818	0.0364	0.4682	0.7012	0.3412
hayes-roth	0.4375	0.3750	0.4801	0.1166	0.6233
hcc-survival	0.6471	0.3529	0.6223	0.2031	0.8037
health-activity	0.6900	0.1550	0.2541	0.0177	0.7152
heart	0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure	0.9580	0.0420	0.9509	0.9013	0.2381
heart-quantum	0.7200	0.2800	0.7083	0.4167	0.8017
hepatitis	0.7333	0.2667	0.5833	0.1667	0.8271
hepmass	0.7914	0.2086	0.7915	0.5829	0.6795
hepmass1%	0.7895	0.2105	0.7897	0.5791	0.6828
hepmass10%	0.7965	0.2035	0.7965	0.5929	0.6707
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.6131	0.3869	0.6100	0.2192	0.9168
higgs0.1%	0.5836	0.4164	0.5819	0.1637	0.9430
higgs1%	0.5965	0.4035	0.5938	0.1873	0.9324
higgs10%	0.6233	0.3767	0.6206	0.2404	0.9071
higher	0.2857	0.1786	0.2216	0.1566	0.3791
hinselmann	0.9000	0.1000	0.8361	0.6154	0.2404
hitters	0.8438	0.1562	0.8444	0.6875	0.5712
hiv1-proteasa	0.8971	0.1029	0.7990	0.5779	0.4944
hiva	0.9551	0.0449	0.5462	0.0765	0.5927
horse	0.5278	0.3148	0.3770	0.0893	0.6392
hotel-reservartions	0.8230	0.1770	0.7947	0.5876	0.6427
hr	0.8140	0.1860	0.5439	0.0844	0.7804
ht-sensor	0.8716	0.0856	0.8733	0.8064	0.3053
ht-sensor10%	0.8410	0.1060	0.8428	0.7607	0.3527
htru2	0.9749	0.0251	0.9207	0.8379	0.2324
hypothyroidT	0.9549	0.0451	0.8180	0.5838	0.2494
ilpd	0.6610	0.3390	0.5217	0.0391	0.9015
immuno-therapy	0.6667	0.3333	0.5950	0.1818	0.8134
instagram	0.9407	0.0297	0.9408	0.9209	0.1201
ionosphere	0.8571	0.1429	0.8291	0.6421	0.5116
iris	0.7333	0.1778	0.7801	0.6053	0.1585
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8511	0.0115	0.8528	0.8451	0.1289
jm1	0.7649	0.2351	0.5911	0.1796	0.8137
jvowels	0.8996	0.0223	0.8960	0.8863	0.1552
kc1	0.8626	0.1374	0.6845	0.3196	0.5977
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.5000	0.0417	0.0343	0.2097	0.0690
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.7207	0.0698	0.6566	0.6736	0.2844
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%	0.9298	0.0702	0.5404	0.0737	0.6502
kddcup9910%	0.9992	0.0001	0.7652	0.9987	0.0219
kepler	0.8368	0.1088	0.7775	0.7307	0.2571
kidney	0.7176	0.1129	0.2292	0.0102	0.6282
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krkopt	0.4481	0.0613	0.4063	0.3802	0.5174
krvskp	0.9718	0.0282	0.9717	0.9434	0.1730
la1s-wc	0.8032	0.0656	0.7658	0.7528	0.3101
la2s-wc	0.8046	0.0651	0.7911	0.7528	0.3256
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.0012	0.0607	0.0028	-0.0008	0.2781
led24	0.3000	0.1400	0.3097	0.2286	0.2976
letter	0.8255	0.0134	0.8265	0.8185	0.1899
leukemia	0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2	0.7143	0.2857	0.7407	0.3636	0.4644
libra	0.8611	0.0185	0.8778	0.8509	0.0640
linkage	0.9999	0.0001	0.9955	0.9911	0.0101
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7353	0.2647	0.6908	0.3806	0.7996
loan	0.8735	0.1265	0.8639	0.7254	0.5024
localization	0.4553	0.0990	0.2317	0.2602	0.5875
localization10%	0.4308	0.1035	0.2061	0.2298	0.5682
lrs	0.8113	0.0539	0.6145	0.7363	0.1680
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7979	0.1037	0.3918	0.5778	0.2603
machine-failure	0.8723	0.1277	0.8680	0.7331	0.4965
madelon	0.5154	0.4846	0.5159	0.0308	0.9784
magic04	0.7875	0.2125	0.7649	0.5296	0.7080
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7917	0.2083	0.7909	0.5817	0.6807
marketing	0.8527	0.1473	0.6655	0.3198	0.6972
maternal	0.6040	0.2640	0.6229	0.4000	0.5736
math	0.4500	0.2750	0.3878	0.1138	0.6001
mba	0.8129	0.1247	0.3863	0.1387	0.4008
mental-disorders	0.6667	0.1667	0.6355	0.5556	0.1895
mental-health	0.1933	0.3227	0.1963	-0.0094	0.8665
messidor	0.6522	0.3478	0.6479	0.2956	0.8779
meter-A	0.8750	0.1250	0.8730	0.7143	0.3145
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.4444	0.2778	0.4758	0.2140	0.4325
meter-D	0.6111	0.1944	0.5981	0.4425	0.2865
mfeat-fac	0.9600	0.0080	0.9601	0.9556	0.0506
mfeat-fou	0.8000	0.0400	0.8031	0.7778	0.1753
mfeat-kar	0.8400	0.0320	0.8490	0.8222	0.1652
mfeat-mor	0.5800	0.0840	0.5821	0.5333	0.2472
mfeat-pix	0.9450	0.0110	0.9466	0.9389	0.0611
mfeat-zer	0.7450	0.0510	0.7510	0.7167	0.1848
mice-prot	0.9907	0.0023	0.9914	0.9894	0.0120
milk	0.8962	0.0692	0.8908	0.8379	0.1375
mines	0.1471	0.3412	0.1866	-0.0602	0.7420
monks-1	0.7636	0.2364	0.7639	0.5274	0.7272
monks-2	0.9016	0.0984	0.8905	0.7718	0.3804
monks-3	0.7679	0.2321	0.7744	0.5309	0.6688
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
music	0.3972	0.1096	0.4110	0.2795	0.6363
musk	0.9606	0.0394	0.9216	0.8389	0.2459
MUT_ci300400a_cdk_ECFP2	0.8022	0.1978	0.7958	0.5913	0.6661
MUT_ci300400a_cdk_ECFP4	0.7713	0.2287	0.7636	0.5270	0.7215
MUT_ci300400a_cdk_ECFP6	0.7677	0.2323	0.7600	0.5198	0.7273
MUT_ci300400a_cdk_ESTATE	0.7290	0.2710	0.7203	0.4405	0.7872
MUT_ci300400a_cdk_EXTENDED	0.8321	0.1679	0.8271	0.6543	0.6063
MUT_ci300400a_cdk_FCFP2	0.8024	0.1976	0.7953	0.5897	0.6635
MUT_ci300400a_cdk_FCFP4	0.7782	0.2218	0.7710	0.5418	0.7097
MUT_ci300400a_cdk_FCFP6	0.7710	0.2290	0.7644	0.5289	0.7221
MUT_ci300400a_cdk_MACCS	0.8094	0.1906	0.8044	0.6088	0.6528
MUT_ci300400a_cdk_PUBCHEM	0.8335	0.1665	0.8276	0.6537	0.5974
MUT_ci300400a_cdk_STANDARD	0.8263	0.1737	0.8201	0.6388	0.6132
MUT_ci300400a_rdkit_descriptors	0.7757	0.2243	0.7724	0.5443	0.7108
myocardial	0.8706	0.0324	0.2502	0.3397	0.1062
naticusdroid	0.9618	0.0382	0.9618	0.9236	0.2174
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.5000	0.1667	0.4286	0.4000	0.2097
ncRNA	0.8934	0.0112	0.4217	0.7037	0.7357
ncRNA1%	0.8778	0.0129	0.3278	0.6572	0.6226
ncRNA10%	0.8911	0.0115	0.4171	0.6941	0.7012
neo	0.8922	0.1078	0.6288	0.2415	0.6648
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6292	0.3708	0.6261	0.2515	0.9015
NHANES_age_prediction	0.9383	0.0617	0.8784	0.7521	0.3811
nomao	0.9533	0.0467	0.9425	0.8850	0.2815
NPHA-doctor-visits	0.4306	0.3796	0.3352	0.0150	0.8056
nursery	0.9452	0.0274	0.8704	0.9191	0.0942
obesity	0.8294	0.0487	0.8331	0.8008	0.2092
obs	0.8148	0.0926	0.8233	0.7087	0.2211
occupancy	0.9869	0.0131	0.9816	0.9632	0.1273
Occupancy_Estimation	0.9901	0.0049	0.9685	0.9701	0.0616
oh0-wc	0.7426	0.0515	0.7305	0.6995	0.2018
oh10-wc	0.5810	0.0838	0.4741	0.5118	0.3141
oh15-wc	0.5870	0.0826	0.5297	0.5157	0.2807
oh5-wc	0.6374	0.0725	0.5843	0.5836	0.2554
ohscal-wc	0.6532	0.0694	0.6372	0.6118	0.4344
olive	0.8772	0.0273	0.8411	0.8458	0.0814
opn310k	0.9033	0.0967	0.6300	0.2313	0.6282
opn310k10%	0.9028	0.0972	0.6386	0.2622	0.6500
opnat310k-hg16-17	0.9020	0.0980	0.6283	0.2313	0.6369
optdigits	0.9502	0.0100	0.9527	0.9446	0.0664
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9684	0.0316	0.6987	0.3213	0.3858
ozone8hr	0.9249	0.0751	0.6210	0.1518	0.4763
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8402	0.1598	0.8214	0.6427	0.6074
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8695	0.7315	0.4955
p53-mutants	0.9943	0.0057	0.6302	0.2473	0.5173
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9598	0.0161	0.6658	0.7537	0.1991
parkinson	0.9167	0.0833	0.9138	0.8275	0.3890
parkinsons	0.6493	0.3507	0.6222	0.2440	0.8907
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.8643	0.1357	0.8321	0.6643	0.5764

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle10%	0.8423	0.1577	0.8002	0.5992	0.6231
pasture	0.2500	0.5000	0.1667	-0.2000	0.5820
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5206	0.4794	0.5081	0.0161	0.9856
pcos	0.9900	0.0100	0.9843	0.9686	0.0908
pd	0.9474	0.0526	0.9296	0.8491	0.1655
pediatric-leukemia	0.7353	0.0756	0.6683	0.6648	0.1625
pendigits	0.9691	0.0062	0.9690	0.9656	0.0507
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.4444	0.5556	0.5000	0.0000	0.8722
persistency	0.7289	0.2711	0.7082	0.4160	0.7948
personalities	0.8927	0.0134	0.8957	0.8855	0.1566
pet-adoption	0.8600	0.1400	0.8378	0.6707	0.5420
phishing	0.9347	0.0653	0.9312	0.8620	0.3214
PhiUSIIL	0.9991	0.0009	0.9990	0.9981	0.0104
PhiUSIIL10%	0.9992	0.0008	0.9991	0.9983	0.0077
phone-acc	0.6893	0.0888	0.6732	0.6367	0.3207
phone-acc0.1%	0.6685	0.0947	0.6475	0.6124	0.3525
phone-acc1%	0.6716	0.0938	0.6520	0.6158	0.3414
phone-acc10%	0.6734	0.0933	0.6546	0.6182	0.3380
phone-gyr	0.6581	0.0977	0.6506	0.5999	0.3761
phone-gyr0.1%	0.6518	0.0995	0.6401	0.5923	0.3763
phone-gyr1%	0.6927	0.0878	0.6745	0.6402	0.3395
phone-gyr10%	0.6645	0.0959	0.6547	0.6075	0.3546
phoneme	0.8333	0.1667	0.7839	0.5582	0.6188
phy	0.6934	0.3066	0.6934	0.3867	0.8293
pima	0.6711	0.3289	0.6421	0.2737	0.8519
pirvision	0.9732	0.0179	0.9516	0.9118	0.0965
placement	0.7270	0.2730	0.7163	0.4301	0.7863
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.6667	0.3333	0.5846	0.1692	0.8806
poker	0.4679	0.1064	0.2011	0.0140	0.6091
poker1%	0.4468	0.1580	0.2418	-0.0322	0.4000
poker10%	0.4683	0.1329	0.1268	0.0193	0.4804
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd	0.9495	0.0505	0.5401	0.0279	0.4040
polish-4th	0.9459	0.0541	0.5970	0.0902	0.3993
polish-5th	0.9306	0.0694	0.6348	0.2013	0.5112
polya	0.7070	0.2930	0.6781	0.3561	0.8277
popularity	0.6346	0.2436	0.4367	0.1891	0.6621
post-operative	0.6638	0.2294	0.2739	0.0149	0.2361
postures	0.9083	0.0367	0.9079	0.8853	0.1739
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6033	0.2059	0.9238
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.0804	0.0922	0.0497	0.0354	0.3129
processed	0.9809	0.0191	0.9781	0.9561	0.1379
profb	0.6567	0.3433	0.5795	0.1528	0.8942
promoters	0.6000	0.4000	0.7059	0.2857	0.5283
prostate	0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9675	0.0130	0.9535	0.9564	0.0809
puc-rio10%	0.9553	0.0179	0.9407	0.9399	0.0939
pufs-128	0.5003	0.4997	0.5003	0.0006	0.9997
pufs-1281%	0.5043	0.4957	0.5043	0.0087	0.9973
pufs-12810%	0.5017	0.4983	0.5017	0.0035	0.9990
pufs-64	0.4995	0.5005	0.4995	-0.0009	1.0000
pufs-641%	0.5012	0.4988	0.5013	0.0025	0.9993

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-6410%	0.5008	0.4992	0.5008	0.0016	0.9995
pulsar	0.9777	0.0223	0.9303	0.8534	0.1376
raisin	0.8444	0.1556	0.8448	0.6889	0.5706
re0-wc	0.7267	0.0421	0.7108	0.6334	0.2920
re1-wc	0.6747	0.0260	0.5240	0.6212	0.2662
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9859	0.0141	0.9860	0.9717	0.0916
rice	0.9830	0.0170	0.9828	0.9655	0.1139
rnaseq	0.9625	0.0150	0.9666	0.9507	0.0682
rocket	0.6009	0.3991	0.5796	0.1583	0.9335
RT_IOT2022	0.9946	0.0009	0.9474	0.9865	0.0104
satimage	0.8865	0.0378	0.8689	0.8593	0.1754
satimageF	0.9907	0.0093	0.9760	0.9519	0.1413
satimageT	0.9285	0.0715	0.7747	0.5292	0.4897
scadi	0.5714	0.1224	0.3415	0.4167	0.1905
schiller	0.6667	0.3333	0.4000	-0.1739	0.9159
schizo	0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9038	0.0962	0.4747	-0.0446	0.6930
secondary_mushroom	0.9995	0.0005	0.9995	0.9990	0.0049
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9048	0.0272	0.9116	0.8886	0.1210
segmentation	0.8168	0.1832	0.7977	0.5945	0.6489
segmentO	0.9654	0.0346	0.9284	0.8512	0.1982
seismic	0.9341	0.0659	0.6268	0.1696	0.4759
semeion	0.9686	0.0314	0.9081	0.7983	0.1007
sens-1-gram	0.8316	0.1684	0.4753	-0.0358	0.7558
sens-10-gram	0.8294	0.1706	0.5745	0.1436	0.7601
sens-2-gram	0.7974	0.2026	0.6019	0.2014	0.7435
sens-3-gram	0.8105	0.1895	0.5783	0.1566	0.7631
sens-4-gram	0.7921	0.2079	0.5779	0.1548	0.7550
sens-5-gram	0.7553	0.2447	0.5180	0.0355	0.7606
sens-6-gram	0.8105	0.1895	0.5855	0.1709	0.7595
sens-7-gram	0.8342	0.1658	0.5792	0.1523	0.7542
sens-8-gram	0.8132	0.1868	0.5326	0.0632	0.7808
sens-9-gram	0.8474	0.1526	0.5806	0.1431	0.7244
sensorless	0.9162	0.0152	0.9167	0.9079	0.1163
sepsis	0.9090	0.0910	0.5184	0.0008	0.2421
shoppers	0.8775	0.1225	0.7262	0.4189	0.5748
shuttle	0.9940	0.0017	0.7053	0.9829	0.1361
sick	0.9523	0.0477	0.7681	0.4513	0.2772
sirtuin6	0.7000	0.3000	0.7041	0.4000	0.7994
skin	0.9936	0.0064	0.9904	0.9807	0.0875
skin10%	0.9926	0.0074	0.9890	0.9779	0.0969
smarket	0.8000	0.2000	0.8005	0.5990	0.6584
smart-farming	0.1800	0.4100	0.1629	-0.0939	0.8474
smk_can_187	0.6316	0.3684	0.6315	0.2486	0.8662
smoking	0.7073	0.2927	0.6817	0.3631	0.8257
soil_pollution	0.2233	0.3107	0.2206	0.0284	0.8589
solar-flare	0.7266	0.0911	0.6641	0.6495	0.2419
sonar	0.7000	0.3000	0.7521	0.4000	0.4882
soybean	0.9265	0.0077	0.9735	0.9194	0.0435
spam-detection	0.9465	0.0535	0.8201	0.6216	0.3988
spambase	0.8696	0.1304	0.8634	0.7267	0.5234
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
splice-EI	0.8991	0.1009	0.8616	0.7002	0.3610
splice-IE	0.8707	0.1293	0.8081	0.5868	0.4792

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sport-articles	0.7800	0.2200	0.7669	0.5333	0.7134
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.4000	0.4000	0.2222	-0.0714	0.4316
startup	0.9140	0.0860	0.9061	0.8121	0.4087
steel_industry	0.7865	0.1423	0.7299	0.6508	0.4049
steel-b	0.8513	0.1487	0.7542	0.4932	0.6178
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.7795	0.2205	0.7510	0.4991	0.7184
steel-p	0.9385	0.0615	0.7527	0.4290	0.3541
steel-s	0.9641	0.0359	0.7153	0.2151	0.1059
steel-z	0.9641	0.0359	0.8921	0.7804	0.3226
stellar	0.8938	0.0708	0.8800	0.8068	0.2845
stock	0.8403	0.1597	0.7026	0.3969	0.6910
stockb	0.9427	0.0382	0.9438	0.9141	0.1227
streaming	0.8220	0.1780	0.8195	0.6378	0.6193
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5200	0.1920	0.2917	0.2057	0.4827
student-depression	0.8233	0.1767	0.8166	0.6320	0.6209
student-habits	0.2300	0.3080	0.2185	-0.1499	0.7330
student-weekend	0.3077	0.2769	0.2121	0.0441	0.7178
student-workday	0.6562	0.1375	0.2199	0.1420	0.4591
studentap	0.4615	0.3590	0.5195	0.1415	0.5464
susy	0.7364	0.2636	0.7358	0.4711	0.7700
susy1%	0.7212	0.2788	0.7217	0.4421	0.7890
susy10%	0.7494	0.2506	0.7485	0.4967	0.7511
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8707	0.1293	0.8289	0.6551	0.5534
texture	0.9418	0.0106	0.9451	0.9359	0.0728
theorem	0.9951	0.0049	0.9950	0.9899	0.0446
thoracic	0.7234	0.2766	0.4198	-0.1594	0.8201
thrombin	0.9372	0.0628	0.7595	0.3792	0.4422
Thyroid_Diff	0.8421	0.1579	0.7983	0.5698	0.5365
tic-tac-toe	0.8737	0.1263	0.8629	0.6885	0.3064
tis	0.8325	0.1675	0.7738	0.5475	0.6658
tis10%	0.7985	0.2015	0.6945	0.3592	0.6893
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6133	0.1273	0.4302	0.5018	0.0859
tox_171	0.6471	0.1765	0.6855	0.5256	0.3400
toxicity	0.6471	0.3529	0.5597	0.0893	0.8324
toxicity-13f	0.4706	0.5294	0.3965	-0.2047	1.0000
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5034	0.0040	0.7788
trec11-wc	0.6585	0.0759	0.6054	0.5554	0.2468
trec12-wc	0.7097	0.0726	0.7988	0.6310	0.1739
trec21-wc	0.8182	0.0606	0.3885	0.5123	0.1487
trec23-wc	0.7143	0.0952	0.6368	0.5882	0.2715
trec31-wc	0.8602	0.0466	0.8436	0.8114	0.1862
trec41-wc	0.7955	0.0409	0.6079	0.7418	0.1768
trec45-wc	0.6232	0.0754	0.6141	0.5434	0.2864
tuandromd	0.9821	0.0179	0.9719	0.9434	0.1312
turkish	0.7250	0.1375	0.7492	0.6333	0.3006
tvnews	0.8696	0.1304	0.8588	0.7176	0.5291
tvnews1%	0.8692	0.1308	0.8591	0.7180	0.5295
tvnews10%	0.8342	0.1658	0.8211	0.6421	0.6121

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_grip	0.9633	0.0367	0.4906	-0.0073	0.4505
ur3_cobotops_stop	0.9687	0.0313	0.7146	0.2936	0.2452
urban	0.7612	0.0531	0.7467	0.7208	0.2235
urinalysis	0.9301	0.0699	0.5746	0.1344	0.6352
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9870	0.0130	0.6056	0.1941	0.5323
vehicle	0.6548	0.1726	0.6428	0.5370	0.4920
vehicleVAN	0.9167	0.0833	0.8853	0.7586	0.3445
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.5152	0.0882	0.5414	0.4667	0.2960
vowelZ	0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17	0.8897	0.1103	0.6307	0.2578	0.6847
wap-wc	0.6410	0.0359	0.4061	0.5959	0.2211
warpar10p	0.6154	0.0769	0.5958	0.5695	0.1301
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.7565	0.0696	0.7525	0.7152	0.2742
watch-acc1%	0.7357	0.0755	0.7326	0.6907	0.3061
watch-acc10%	0.7451	0.0728	0.7412	0.7019	0.2929
watch-gyr	0.6952	0.0871	0.6897	0.6438	0.3325
watch-gyr1%	0.6560	0.0983	0.6493	0.5981	0.4084
watch-gyr10%	0.6825	0.0907	0.6792	0.6291	0.3579
water_pollution	0.2200	0.3900	0.2197	-0.0407	0.8763
waveform	0.7420	0.1720	0.7441	0.6130	0.5030
weather-related	0.9808	0.0035	0.9820	0.9782	0.0236
web-phishing	0.8000	0.1333	0.6864	0.6279	0.4174
Weekly	0.8889	0.1111	0.8875	0.7750	0.4661
weight-lift	0.9490	0.0204	0.9470	0.9356	0.1153
white-clover	0.5046	0.2485	0.3350	0.1845	0.2004
wifi-loc	0.9800	0.0100	0.9803	0.9733	0.0417
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red	0.5912	0.1363	0.2918	0.3385	0.4583
winequality-white	0.4765	0.1496	0.2219	0.2035	0.6328
winnipeg	0.9918	0.0024	0.9824	0.9896	0.0308
winnipeg10%	0.9893	0.0031	0.9894	0.9864	0.0229
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.5625	0.0583	0.5179	0.5333	0.1066
yeast	0.4595	0.1081	0.3719	0.2979	0.3979
yeastCYT-POX	0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.8935	0.0213	0.8811	0.8806	0.1540

Table 261: Detailed results for C4.5(C1)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1439	0.0590	0.0815	0.0668	0.5999
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7941	0.5718	0.5732
accelerometer	0.9794	0.0206	0.6731	0.3426	0.5530
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.8657	0.1343	0.8048	0.6047	0.5788
advanced-iot	0.9990	0.0003	0.9990	0.9988	0.0028
AID_1431	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_KlekotaRothFingerprinter	0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1431_MACCSFingerprinter	0.8413	0.1587	0.5020	0.0040	0.7137
AID_1878	0.7429	0.2571	0.4644	-0.0638	0.8550
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8283	0.1145	0.3020	-0.0625	0.6412
AID1284Morered	0.8333	0.1667	0.6516	0.3032	0.7325
AID1284red	0.7500	0.2500	0.5180	0.0357	0.7748
AID1608Morered	0.8641	0.1359	0.4635	-0.0729	0.6742
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9836	0.0164	0.4959	-0.0040	0.4515
AID373AID439red	0.9967	0.0033	0.4992	-0.0003	0.0714
AID373red	0.9990	0.0010	0.6560	0.2496	0.3797
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.7143	0.2857	0.4167	-0.1667	0.7987
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9855	0.0145	0.6390	0.1919	0.3644
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red	0.6500	0.3500	0.6428	0.2708	0.8198
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9967	0.0033	0.6020	0.1527	0.4284
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9930	0.0070	0.4982	-0.0017	0.1961
AID746red	0.9826	0.0174	0.5164	0.0292	0.4297
aids	0.8685	0.1315	0.8157	0.6293	0.5755
air_pollution	0.2400	0.2171	0.1790	0.0130	0.8547
air-booking	0.8114	0.1886	0.5569	0.1066	0.7798
airline	0.9456	0.0544	0.9450	0.8884	0.2644
alcohol	0.8286	0.0686	0.5696	0.6463	0.3068
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.9163	0.0837	0.9080	0.8157	0.3972
anneal	0.9663	0.0135	0.9206	0.9318	0.2177
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9638	0.0181	0.9348	0.9305	0.1179
anuran-genus	0.9416	0.0146	0.8702	0.9029	0.1669
anuran-species	0.8931	0.0214	0.8325	0.8530	0.1689
anxiety	0.0917	0.2019	0.0896	-0.0242	0.8307
apple-quality	0.8100	0.1900	0.8101	0.6200	0.6448
aps-failure	0.9893	0.0107	0.8457	0.6912	0.4199
arabidopsis	0.9833	0.0167	0.5287	0.0568	0.5221
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9812	0.0188	0.5403	0.0767	0.4904
arabidopsis10%	0.9847	0.0153	0.5092	0.0184	0.5411

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.6444	0.0547	0.4266	0.4756	0.2770
auction	0.9853	0.0147	0.9665	0.9328	0.1531
audiology	0.6957	0.0254	0.2765	0.6500	0.0580
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7500	0.0833	0.6440	0.6667	0.2249
avila	0.9952	0.0008	0.9664	0.9938	0.0628
babies	0.3387	0.1889	0.1444	0.0181	0.6206
balance	0.7903	0.1398	0.5663	0.6275	0.4651
bank	0.8893	0.1107	0.7163	0.4324	0.6550
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8180	0.1820	0.8021	0.6042	0.6476
basehock	0.9095	0.0905	0.9096	0.8191	0.4031
bio	0.9960	0.0040	0.8849	0.7696	0.3475
bio10%	0.9945	0.0055	0.8448	0.6895	0.4286
biodeg	0.8571	0.1429	0.8538	0.7042	0.5490
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.8778	0.0084	0.0728	0.0445	0.4580
bitcoin1%	0.8851	0.0079	0.0568	0.0284	0.3086
bitcoin10%	0.8534	0.0101	0.0723	0.0267	0.3069
body-perf	0.6813	0.1593	0.6846	0.5751	0.4744
bookings	0.9814	0.0124	0.7829	0.9606	0.1258
brain-tumor	0.5085	0.4915	0.5084	0.0168	0.9943
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.9091	0.0909	0.9167	0.8197	0.3145
breast-cancer-ma	0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue	0.7273	0.0909	0.6501	0.6667	0.1484
bridges	0.7000	0.0857	0.5429	0.5714	0.1855
bub10at310k-hg16-17	0.9028	0.0972	0.6414	0.2634	0.6409
bub12at310k-hg16-17	0.8807	0.1272	0.6253	0.2459	0.6928
bub8at310k-hg16-17	0.8656	0.1301	0.6378	0.2896	0.6769
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4100	0.3933	0.3114	-0.0406	0.8145
car	0.9770	0.0115	0.9368	0.9502	0.0997
car-insurance	0.8000	0.2000	0.7722	0.5437	0.6944
card	0.8261	0.1739	0.8204	0.6397	0.6143
cardiotocography	0.8357	0.0329	0.7961	0.8039	0.1944
cardiotocography-nsp	0.8967	0.0689	0.8307	0.7182	0.3043
cardiovascular	0.7315	0.2685	0.7319	0.4629	0.7757
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.9000	0.0667	0.8679	0.8214	0.2460
cas_N6512_cdk_ECFP2	0.7465	0.2535	0.7442	0.4876	0.7550
cas_N6512_rdkit_ATOMPAIR	0.7492	0.2508	0.7471	0.4937	0.7515
cas_N6512_RDkit_AtomPair_FP	0.6825	0.3175	0.6794	0.3581	0.8433
cas_N6512_rdkit_AVALON	0.7435	0.2565	0.7435	0.4861	0.7582
cas_N6512_RDkit_Avalon_FP	0.7101	0.2899	0.7093	0.4183	0.8076
cas_N6512_rdkit_descriptors	0.7815	0.2185	0.7845	0.5646	0.6856
cas_N6512_rdkit_FEATMORGAN	0.7527	0.2473	0.7518	0.5034	0.7462
cas_N6512_RDkit_Featmorgan_FP	0.7423	0.2577	0.7404	0.4806	0.7629
cas_N6512_RDkit_FP	0.7178	0.2822	0.7173	0.4341	0.7966
cas_N6512_rdkit_LAYERED	0.7585	0.2415	0.7590	0.5167	0.7335
cas_N6512_RDkit_Layered_FP	0.6979	0.3021	0.6972	0.3940	0.8233

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7942	0.2058	0.7924	0.5840	0.6740
cas_N6512_RDkit_MACCS_FP	0.7776	0.2224	0.7776	0.5544	0.7035
cas_N6512_rdkit_MORGAN	0.7785	0.2215	0.7766	0.5517	0.7004
cas_N6512_RDkit_morgan_FP	0.7193	0.2807	0.7167	0.4322	0.7945
cas_N6512_rdkit_PATTERN	0.7554	0.2446	0.7551	0.5096	0.7407
cas_N6512_RDkit_pattern_FP	0.7270	0.2730	0.7258	0.4515	0.7850
cas_N6512_rdkit_RDKITFP	0.7266	0.2734	0.7256	0.4511	0.7853
cas_N6512_rdkit_TORSION	0.7554	0.2446	0.7546	0.5089	0.7419
ccds	0.9281	0.0719	0.5734	0.1456	0.6149
ccds1%	0.9038	0.0962	0.5303	0.0560	0.5511
ccds10%	0.9185	0.0815	0.5560	0.1080	0.5857
cdc_diabetes	0.8001	0.1333	0.4044	0.1886	0.6531
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7498	0.2522	0.7333	0.4726	0.7503
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9518	0.0482	0.7009	0.4011	0.5910
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9217	0.0783	0.5839	0.1678	0.6421
CDS49_AID687_Rdkit-ecfp4-fp	0.9940	0.0060	0.4985	-0.0029	0.4539
census	0.9267	0.0733	0.6649	0.3270	0.6315
census10%	0.9469	0.0531	0.7284	0.4448	0.5426
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S	0.9651	0.0349	0.8916	0.7810	0.3406
children-anemia	0.9148	0.0426	0.9238	0.8723	0.1583
chrom19	0.9992	0.0008	0.8297	0.6474	0.5077
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9995	0.0005	0.8715	0.7426	0.3595
chrom21	0.9981	0.0019	0.5109	0.0078	0.1401
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9997	0.0003	0.4999	-0.0001	0.5015
chronic-kidney	0.8855	0.1145	0.5892	0.1782	0.6915
churn	0.8420	0.1580	0.7448	0.4873	0.6724
churn-bigml	0.9513	0.0487	0.8997	0.7984	0.3623
ci900367j_MACCS	0.6000	0.4000	0.5892	0.1769	0.9161
circles	0.7130	0.0057	0.8154	0.7101	0.1251
cirrhosis	0.5714	0.2857	0.5167	0.2574	0.6962
cjs	0.9929	0.0024	0.9923	0.9913	0.0182
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7472	0.1264	0.5950	0.6137	0.5136
climate	0.9074	0.0926	0.6992	0.3946	0.6420
cll_sub_111	0.5833	0.2778	0.6667	0.3333	0.4065
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5102	0.3265	0.4908	0.2416	0.7334
cnae-9	0.9074	0.0206	0.9076	0.8958	0.1005
codon_usage	0.8304	0.0308	0.6653	0.7942	0.3176
coil20	0.9306	0.0069	0.9352	0.9269	0.0431
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.9400	0.0080	0.8381	0.9339	0.0272
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.6947	0.3895	0.8063
colposcopies-2	0.6552	0.3448	0.6643	0.3160	0.8298
colposcopies-3	0.5172	0.4828	0.5025	0.0049	0.9879
colposcopies-4	0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5	0.6897	0.3103	0.4082	-0.1810	0.8560
colposcopies-6	0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c	0.7241	0.2759	0.6234	0.2468	0.8309
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5183	0.4867	0.5997	0.0002	0.5237
comedy_comparisons1%	0.5171	0.4829	0.5046	0.0011	0.6200
comedy_comparisons10%	0.5158	0.4754	0.5292	0.0019	0.5597
connect-4	0.9853	0.0098	0.7534	0.6565	0.3599
cottonmeloidogyne	0.6947	0.3053	0.6948	0.3891	0.8266
coupon	0.7035	0.2965	0.6965	0.3929	0.8204
covid19	0.4836	0.1475	0.2005	0.1645	0.8839
covtype	0.9390	0.0174	0.9044	0.9021	0.1655
covtype10%	0.8095	0.0544	0.7187	0.6925	0.3245
covtypeCD	0.9841	0.0159	0.9668	0.9334	0.2004
covtypeT	0.9834	0.0166	0.9361	0.8721	0.2770
crabs	0.8000	0.1000	0.8272	0.7333	0.2395
creditcard_trans	0.9905	0.0095	0.6882	0.2173	0.3152
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9041	0.0320	0.7834	0.8028	0.3445
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.1250	0.0437	0.0638	0.0995	0.1893
customer-churn	0.9826	0.0174	0.7369	0.4448	0.4252
cybersecurity	0.1833	0.2722	0.1884	0.0188	0.8571
cyclopentane	0.5185	0.4815	0.5084	0.0168	0.9905
cylinder-bands	0.7407	0.2593	0.7349	0.4698	0.7686
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1016	0.1797	0.1013	0.0018	0.9125
day1%	0.9486	0.0437	0.9588	0.8913	0.2305
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8120	0.1880	0.6963	0.3781	0.7080
defect	0.9506	0.0494	0.9043	0.8046	0.3111
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8812	0.1188	0.7038	0.4072	0.6690
depressed	0.6713	0.3287	0.4394	-0.1207	0.8241
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.4346	0.0857	0.6179
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
df_final	0.4375	0.3750	0.4634	0.1325	0.6412
DIA	0.8333	0.1667	0.7616	0.5122	0.6385
diabetes	1.0000	0.0000	1.0000	1.0000	0.0000
diabetes-100k	0.9660	0.0340	0.8862	0.7709	0.3631
diabetes-risk	0.9181	0.0819	0.8701	0.7365	0.4296
diabetic	0.5077	0.3282	0.3941	0.1082	0.7621
diabetic1%	0.4902	0.3399	0.4126	0.0732	0.7091
diabetic10%	0.4990	0.3340	0.3807	0.1054	0.7832
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7030	0.1188	0.6970	0.5779	0.4296
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.5833	0.4167	0.5598	0.1176	0.9466
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9922	0.0078	0.4980	-0.0036	0.4246
dna1%	0.9874	0.0126	0.5174	0.0236	0.3002
dna10%	1.0000	0.0077	0.5255	0.0502	0.4408
dorothea	0.9391	0.0609	0.8171	0.6333	0.5103
dota2	0.5299	0.4701	0.5293	0.0585	0.9812
dota210%	0.5058	0.4942	0.5061	0.0122	0.9945
drebin	0.9667	0.0333	0.9654	0.9296	0.2078
dropout	0.7156	0.1896	0.6516	0.5385	0.5460

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3404	0.1885	0.2270	0.0713	0.7114
drug-02	0.4362	0.1611	0.2611	0.1424	0.7967
drug-03	0.6223	0.1079	0.1873	0.1746	0.5092
drug-04	0.3670	0.1809	0.1859	0.0782	0.8380
drug-05	0.6755	0.0927	0.1455	0.0219	0.4928
drug-06	0.3404	0.1885	0.2754	0.2021	0.7037
drug-07	0.3670	0.1809	0.1459	0.0049	0.6205
drug-08	0.4947	0.1444	0.2165	0.1613	0.7250
drug-09	0.8511	0.0426	0.1314	-0.0158	0.3217
drug-10	0.4521	0.1565	0.1393	0.0640	0.7646
drug-11	0.7926	0.0593	0.1485	-0.0116	0.6511
drug-12	0.7447	0.0729	0.1986	0.0300	0.4673
drug-13	0.5213	0.1368	0.1438	0.1392	0.6907
drug-14	0.4947	0.1444	0.1839	0.1305	0.7356
drug-15	0.6968	0.0866	0.1252	0.1605	0.6663
drug-16	0.5213	0.1368	0.2157	0.2313	0.5233
drug-17	0.2660	0.2097	0.2229	0.0892	0.8173
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6915	0.0881	0.1722	0.0921	0.5918
drybean	0.9214	0.0225	0.9326	0.9048	0.1313
ecoli	0.7941	0.0515	0.4838	0.7136	0.1517
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.1900	0.4050	0.1854	-0.0823	0.8893
eeg	0.3907	0.0762	0.4089	0.3307	0.6993
eeg-eye	0.8371	0.1629	0.8352	0.6702	0.5911
eeg10%	0.2623	0.0922	0.2507	0.1951	0.6987
email_phishing	0.9876	0.0124	0.6966	0.3541	0.4314
eucalyptus	0.6164	0.1534	0.6015	0.5100	0.3958
euthyroid	0.9778	0.0222	0.9366	0.8730	0.2639
exon.vs.intron-freq	0.9241	0.0759	0.9239	0.8476	0.3572
exon.vs.intron-freq10%	0.9297	0.0703	0.9297	0.8587	0.3330
fakenews	0.5100	0.4900	0.5104	0.0207	0.9929
farm-ads	0.8768	0.1232	0.8762	0.7521	0.4949
fbis-wc	0.6707	0.0387	0.6135	0.6279	0.3013
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5098	0.4902	0.3377	-0.0778	0.8122
financial-risk	0.8815	0.0395	0.8226	0.8165	0.2307
fishcatch	0.8125	0.0625	0.6996	0.7588	0.1427
flags	0.6000	0.1000	0.4573	0.5152	0.1852
fonts	0.6053	0.0052	0.5943	0.5926	0.3265
fonts10%	0.4658	0.0070	0.2649	0.4468	0.4387
forest	0.8654	0.0673	0.8600	0.8133	0.1624
gas	0.9813	0.0062	0.9798	0.9773	0.0466
gastrointestinal	0.5625	0.2917	0.5841	0.3373	0.5568
gender	0.5516	0.2989	0.4278	0.1380	0.7406
gene	0.8959	0.0694	0.8861	0.8330	0.2875
german	0.6300	0.3700	0.5473	0.0842	0.9030
gestures	0.8099	0.0950	0.8096	0.7466	0.3496
gina	0.8963	0.1037	0.8963	0.7925	0.4428
gisette	0.9514	0.0486	0.9514	0.9029	0.2605
glass	0.7619	0.0794	0.7122	0.6779	0.2370
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.7143	0.2857	0.7151	0.4220	0.7810
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9091	0.0909	0.7250	0.4500	0.6330

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.6842	0.3158	0.6833	0.3667	0.8414
gli_85	0.7500	0.2500	0.6667	0.3333	0.7987
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8690	0.1310	0.8649	0.7295	0.5195
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.4312	0.2105	0.4485
gsalc	0.7778	0.0741	0.8333	0.7353	0.1060
haberman	0.7667	0.2333	0.6568	0.2553	0.6855
hapt	0.9241	0.0127	0.8038	0.9103	0.1003
har	0.9067	0.0373	0.9118	0.8810	0.1530
har70	0.8875	0.0321	0.5781	0.8361	0.3762
har701%	0.8615	0.0396	0.5340	0.7986	0.3784
har7010%	0.8302	0.0485	0.5004	0.7532	0.4209
harth	0.7724	0.0379	0.5381	0.7003	0.4327
harth1%	0.7233	0.0461	0.4777	0.6384	0.4548
harth10%	0.7981	0.0336	0.5342	0.7308	0.3791
hayes-roth	0.8125	0.1250	0.8386	0.7019	0.2449
hcc-survival	0.8235	0.1765	0.8163	0.6277	0.6077
health-activity	0.7100	0.1450	0.2647	0.0510	0.3771
heart	0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack	0.7742	0.2258	0.7741	0.5470	0.7087
heart-c	0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure	0.9560	0.0440	0.9487	0.8953	0.2189
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.8077	0.5455	0.5283
hepmass	0.8462	0.1538	0.8463	0.6924	0.5687
hepmass1%	0.8140	0.1860	0.8141	0.6279	0.6360
hepmass10%	0.8418	0.1582	0.8420	0.6835	0.5768
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.6579	0.3421	0.6580	0.3155	0.8697
higgs0.1%	0.6300	0.3700	0.6290	0.2579	0.9007
higgs1%	0.6432	0.3568	0.6429	0.2856	0.8861
higgs10%	0.6346	0.3654	0.6344	0.2685	0.8950
higher	0.2857	0.1786	0.2000	0.1515	0.3284
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.8750	0.1250	0.8784	0.7510	0.4764
hiv1-proteasa	0.8887	0.1113	0.7890	0.5726	0.5718
hiva	0.9409	0.0591	0.5537	0.1074	0.6218
horse	0.6667	0.2222	0.6565	0.4552	0.5729
hotel-reservartions	0.8975	0.1025	0.8823	0.7641	0.4588
hr	0.7544	0.2456	0.5118	0.0235	0.7761
ht-sensor	0.9969	0.0021	0.9969	0.9953	0.0144
ht-sensor10%	0.9861	0.0093	0.9864	0.9791	0.0485
htru2	0.9749	0.0251	0.9213	0.8407	0.2576
hypothyroid	0.9867	0.0066	0.7218	0.9220	0.1050
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6949	0.3051	0.6151	0.2293	0.8610
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.9693	0.0153	0.9697	0.9591	0.0764
ionosphere	0.9714	0.0286	0.9671	0.9320	0.1146
iris	0.8667	0.0889	0.8594	0.7959	0.2059
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.7895	0.0162	0.8028	0.7811	0.1795

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8099	0.1901	0.6361	0.2431	0.7205
jvowels	0.8886	0.0248	0.8839	0.8737	0.1681
kc1	0.8389	0.1611	0.6312	0.2391	0.7071
kc1-class-level-defectiveornot	0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect	0.4286	0.0476	0.0701	0.2057	0.0269
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6541	0.3082	0.7873
kdc-4007	0.5935	0.1016	0.5229	0.5255	0.4909
kddcup98	0.9478	0.0507	0.5272	0.0026	0.2161
kddcup981%	0.9263	0.0737	0.4809	-0.0310	0.6583
kddcup9810%	0.9393	0.0607	0.5122	0.0148	0.5675
kddcup99	0.9837	0.0014	0.5490	0.9723	0.0801
kddcup991%	0.8953	0.0091	0.3326	0.8306	0.1275
kddcup9910%	0.9884	0.0010	0.5649	0.9804	0.0593
kepler	0.8389	0.1074	0.7954	0.7386	0.3167
kidney	0.6904	0.1239	0.2064	0.0230	0.7956
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.8021	0.0220	0.8271	0.7789	0.2384
krvskp	0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc	0.7778	0.0741	0.7244	0.7220	0.3646
la2s-wc	0.7649	0.0784	0.7416	0.7028	0.3643
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0162	0.4018	0.6615	0.0589
led24	0.6500	0.0700	0.6271	0.6089	0.1618
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8790	0.0093	0.8794	0.8741	0.1396
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7778	0.0296	0.8051	0.7612	0.0791
linkage	0.9957	0.0043	0.8423	0.6274	0.5309
linkage1%	0.9995	0.0005	0.9651	0.9300	0.2071
linkage10%	0.9997	0.0003	0.9798	0.9587	0.1892
liver	0.5588	0.4412	0.5742	0.1356	0.8674
loan	0.9813	0.0187	0.9801	0.9598	0.1078
localization	0.7082	0.0530	0.5117	0.6336	0.5173
localization10%	0.5455	0.0826	0.3790	0.4272	0.6245
lrs	0.6792	0.0642	0.3774	0.5609	0.2992
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.6250	0.1071	0.4615	0.5472	0.0896
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.8857	0.7938	0.1791
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.5480	0.5172	0.3725
lymphoma2	0.6667	0.0741	0.3030	0.5500	0.0853
machine-failure	0.9255	0.0745	0.9231	0.8460	0.3552
madelon	0.7808	0.2192	0.7808	0.5615	0.6992
magic04	0.8527	0.1473	0.8352	0.6659	0.5549
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7396	0.2604	0.7401	0.4792	0.7635
marketing	0.8527	0.1473	0.6883	0.3744	0.7008
maternal	0.7129	0.1914	0.7214	0.5674	0.5164
math	0.8250	0.0875	0.7885	0.7390	0.2895
mba	0.8242	0.1172	0.4360	0.2880	0.5848
mental-disorders	0.7500	0.1250	0.7819	0.6667	0.2266
mental-health	0.2033	0.3187	0.2083	0.0043	0.8536

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6348	0.3652	0.6539	0.2897	0.8366
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.8900	0.0220	0.8964	0.8778	0.0998
mfeat-fou	0.7150	0.0570	0.7069	0.6833	0.2540
mfeat-kar	0.8250	0.0350	0.8330	0.8056	0.1824
mfeat-mor	0.6950	0.0610	0.6910	0.6611	0.2317
mfeat-pix	0.9000	0.0200	0.9043	0.8889	0.1058
mfeat-zer	0.6950	0.0610	0.6998	0.6611	0.2736
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9528	0.0314	0.9508	0.9283	0.1171
mines	0.5588	0.1765	0.5674	0.4498	0.3978
mobile	0.6364	0.0130	0.6586	0.6297	0.1549
monks-1	0.9818	0.0182	0.9821	0.9636	0.1051
monks-2	0.9836	0.0164	0.9824	0.9641	0.1262
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3450	0.1191	0.4077	0.2398	0.6236
musk	0.9742	0.0258	0.9495	0.8951	0.1269
MUT_ci300400a_cdk_ECFP2	0.7902	0.2098	0.7845	0.5690	0.6887
MUT_ci300400a_cdk_ECFP4	0.7892	0.2108	0.7838	0.5675	0.6903
MUT_ci300400a_cdk_ECFP6	0.7629	0.2371	0.7543	0.5075	0.7337
MUT_ci300400a_cdk_ESTATE	0.7566	0.2434	0.7479	0.4952	0.7448
MUT_ci300400a_cdk_EXTENDED	0.8070	0.1930	0.8027	0.6051	0.6566
MUT_ci300400a_cdk_FCFP2	0.8168	0.1832	0.8120	0.6239	0.6383
MUT_ci300400a_cdk_FCFP4	0.7698	0.2302	0.7641	0.5281	0.7234
MUT_ci300400a_cdk_FCFP6	0.7854	0.2146	0.7804	0.5606	0.6964
MUT_ci300400a_cdk_MACCS	0.8369	0.1631	0.8322	0.6644	0.5962
MUT_ci300400a_cdk_PUBCHEM	0.8383	0.1617	0.8332	0.6662	0.5923
MUT_ci300400a_cdk_STANDARD	0.8216	0.1784	0.8159	0.6316	0.6280
MUT_ci300400a_rdkit_descriptors	0.8271	0.1729	0.8232	0.6464	0.6160
myocardial	0.8647	0.0338	0.3401	0.3988	0.3150
naticusdroid	0.9703	0.0297	0.9703	0.9407	0.1802
NCI60	0.3333	0.2222	0.3333	0.2000	0.2322
nci9	0.3333	0.1481	0.1905	0.2258	0.1274
ncRNA	0.8949	0.0109	0.4790	0.7010	0.1769
ncRNA1%	0.8289	0.0180	0.3701	0.5286	0.8388
ncRNA10%	0.8336	0.0175	0.5108	0.6024	0.8362
neo	0.9155	0.0845	0.6947	0.2871	0.4209
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.7384	0.0119	0.7448	0.7304	0.2169
newspop	0.5817	0.4183	0.5821	0.1639	0.9414
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9550	0.0450	0.9446	0.8892	0.2722
NPHA-doctor-visits	0.3472	0.4352	0.2875	-0.1546	0.7528
nursery	0.9992	0.0003	0.7995	0.9989	0.0026
obesity	0.9194	0.0230	0.9186	0.9059	0.1141
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9917	0.0083	0.9884	0.9768	0.0885
Occupancy_Estimation	0.9931	0.0035	0.9765	0.9790	0.0308
oh0-wc	0.8515	0.0297	0.8537	0.8298	0.1382
oh10-wc	0.7143	0.0571	0.7067	0.6740	0.2400
oh15-wc	0.7826	0.0435	0.7889	0.7532	0.2113
oh5-wc	0.7033	0.0593	0.7351	0.6673	0.2699

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.6998	0.0600	0.6872	0.6646	0.3773
olive	0.8246	0.0390	0.7699	0.7809	0.1526
opn310k	0.9012	0.0988	0.6722	0.3407	0.6561
opn310k10%	0.8942	0.1058	0.6443	0.2863	0.6765
opnat310k-hg16-17	0.8999	0.1001	0.6587	0.3110	0.6592
optdigits	0.6673	0.0665	0.6834	0.6302	0.3904
optdigitsZ	0.9680	0.0320	0.8939	0.7784	0.2546
orl	0.6250	0.0187	0.5682	0.6154	0.0693
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9328	0.0672	0.5795	0.1562	0.5980
ozone8hr	0.9289	0.0711	0.6930	0.3650	0.5727
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7887	0.2113	0.7673	0.5344	0.7070
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8654	0.7299	0.5231
p53-mutants	0.9930	0.0070	0.6058	0.2108	0.5478
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9671	0.0132	0.8526	0.8149	0.3621
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.9194	0.0806	0.9140	0.8276	0.3785
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.9145	0.0855	0.8947	0.7894	0.4360
particle10%	0.8800	0.1200	0.8547	0.7087	0.5379
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.8919	0.1081	0.5441	0.0864	0.6952
pcmac	0.5103	0.4897	0.4354	-0.1011	0.9736
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8191	0.6364	0.5732
pediatric-leukemia	0.7941	0.0588	0.8388	0.7531	0.1747
pendigits	0.9672	0.0066	0.9674	0.9636	0.0520
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.7778	0.2222	0.7500	0.5000	0.7296
persistency	0.7289	0.2711	0.7164	0.4319	0.7874
personalities	0.5950	0.0506	0.6112	0.5680	0.4665
pet-adoption	0.9300	0.0700	0.9200	0.8380	0.3323
phishing	0.9184	0.0816	0.9140	0.8268	0.3725
PhiUSIIL	0.9995	0.0005	0.9995	0.9990	0.0050
PhiUSIIL10%	0.9992	0.0008	0.9991	0.9983	0.0077
phone-acc	0.9814	0.0053	0.9816	0.9782	0.0295
phone-acc0.1%	0.9479	0.0149	0.9495	0.9392	0.0845
phone-acc1%	0.9817	0.0052	0.9816	0.9786	0.0361
phone-acc10%	0.9601	0.0114	0.9624	0.9534	0.0590
phone-gyr	0.9926	0.0021	0.9925	0.9914	0.0156
phone-gyr0.1%	0.9038	0.0275	0.9046	0.8875	0.1211
phone-gyr1%	0.9795	0.0058	0.9793	0.9761	0.0382
phone-gyr10%	0.9875	0.0036	0.9872	0.9854	0.0228
phoneme	0.8667	0.1333	0.8365	0.6730	0.5696
phy	0.6784	0.3216	0.6787	0.3565	0.8459
pima	0.7105	0.2895	0.6891	0.3724	0.8092
pirvision	0.9928	0.0048	0.9874	0.9772	0.0467
placement	0.7150	0.2850	0.7038	0.4055	0.8040
plant-growth	0.5789	0.4211	0.5760	0.1364	0.9011
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.5407	0.0919	0.1951	0.1614	0.8676
poker1%	0.4654	0.1069	0.1091	0.0129	0.4557
poker10%	0.5966	0.0807	0.1907	0.2672	0.7431
polish-1st	0.9616	0.0384	0.6860	0.3536	0.5373
polish-2nd	0.9587	0.0413	0.6542	0.2812	0.5428
polish-3rd	0.9410	0.0590	0.5655	0.1131	0.6136

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9551	0.0449	0.7444	0.4773	0.5175
polish-5th	0.9459	0.0541	0.7763	0.5502	0.5365
polya	0.6951	0.3049	0.6683	0.3366	0.8401
popularity	0.5675	0.2884	0.4123	0.1604	0.7263
post-operative	0.7778	0.1481	0.5045	0.4000	0.2005
postures	0.9561	0.0176	0.9570	0.9451	0.0959
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6338	0.2647	0.8906
prestige	0.7778	0.1481	0.7500	0.6538	0.2917
primary-tumor	0.4242	0.0523	0.1987	0.3489	0.2004
processed	0.9973	0.0027	0.9970	0.9939	0.0177
profb	0.5821	0.4179	0.5688	0.1331	0.9000
promoters	0.6000	0.4000	0.5833	0.1667	0.9308
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9748	0.0101	0.9682	0.9662	0.0663
puc-rio10%	0.9065	0.0374	0.8965	0.8740	0.1696
pufs-128	0.4992	0.5008	0.4992	-0.0016	0.9987
pufs-1281%	0.4930	0.5070	0.4930	-0.0140	1.0000
pufs-12810%	0.4995	0.5004	0.4996	-0.0009	0.9991
pufs-64	0.5001	0.4999	0.5001	0.0002	0.9982
pufs-641%	0.4896	0.5104	0.4896	-0.0209	1.0000
pufs-6410%	0.4983	0.5018	0.4982	-0.0035	1.0000
pulsar	0.9824	0.0176	0.9459	0.8895	0.1608
raisin	0.8556	0.1444	0.8563	0.7111	0.5413
rcv1	0.2327	0.0231	0.0165	0.0126	0.3095
rcv11%	0.6148	0.0145	0.2912	0.5738	0.3694
rcv110%	0.7473	0.0095	0.4337	0.7192	0.3515
re0-wc	0.7133	0.0441	0.5688	0.6310	0.4049
re1-wc	0.7530	0.0198	0.6443	0.7216	0.2302
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8301	0.0052	0.4018	0.7679	0.2979
rice	0.9890	0.0110	0.9889	0.9778	0.0768
rnaseq	0.9625	0.0150	0.9628	0.9505	0.0714
rocket	0.6183	0.3817	0.5946	0.1868	0.9171
RT_IOT2022	0.9885	0.0019	0.9078	0.9713	0.0546
satimage	0.6579	0.1140	0.6404	0.5751	0.4688
satimageF	0.9860	0.0140	0.9637	0.9274	0.1815
satimageT	0.8849	0.1151	0.7166	0.4291	0.6581
scadi	0.4286	0.1633	0.3448	0.3171	0.1790
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.4706	0.5294	0.4697	-0.0588	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8782	0.1218	0.5556	0.1094	0.6522
secondary_mushroom	0.9961	0.0039	0.9960	0.9920	0.0310
seeds	0.8095	0.1270	0.8115	0.7143	0.3146
segment	0.7229	0.0792	0.7317	0.6768	0.3610
segmentation	0.8069	0.1931	0.7858	0.5698	0.6665
segmentO	0.9913	0.0087	0.9826	0.9647	0.0385
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8658	0.1342	0.5503	0.0232	0.4453
sens-10-gram	0.8530	0.1470	0.5761	0.1174	0.6810
sens-2-gram	0.8421	0.1579	0.5196	0.0290	0.7247
sens-3-gram	0.7868	0.2132	0.5453	0.0904	0.7696
sens-4-gram	0.8000	0.2000	0.5624	0.1248	0.7676
sens-5-gram	0.7974	0.2026	0.5529	0.1057	0.7712
sens-6-gram	0.8500	0.1500	0.5848	0.1486	0.7156

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8237	0.1763	0.5678	0.1328	0.7659
sens-8-gram	0.8395	0.1605	0.5776	0.1453	0.7458
sens-9-gram	0.8816	0.1184	0.6717	0.2255	0.4575
sensorless	0.9800	0.0036	0.9808	0.9780	0.0339
sepsis	0.9094	0.0906	0.6567	0.0015	0.2086
shoppers	0.8735	0.1265	0.7440	0.4859	0.6445
shuttle	1.0000	0.0000	1.0000	1.0000	0.0000
sick	0.9867	0.0133	0.9444	0.8866	0.1604
sirtuin6	0.8000	0.2000	0.8000	0.6000	0.6644
skin	0.9996	0.0004	0.9994	0.9989	0.0085
skin10%	0.9967	0.0033	0.9950	0.9901	0.0456
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2800	0.3600	0.2720	0.0364	0.7892
smk_can_187	0.5789	0.4211	0.5843	0.1648	0.9308
smoking	0.7804	0.2196	0.7572	0.5079	0.7025
soil_pollution	0.2067	0.3173	0.2071	0.0095	0.8653
solar-flare	0.7554	0.0815	0.6205	0.6887	0.2655
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9559	0.0046	0.9608	0.9517	0.0313
spam-detection	0.9560	0.0440	0.8780	0.7535	0.4634
spambase	0.9152	0.0848	0.9116	0.8232	0.3970
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.5660	0.0181	0.2590	0.5421	0.1106
splice-EI	0.9401	0.0599	0.9203	0.8405	0.3518
splice-IE	0.9211	0.0789	0.8904	0.7807	0.4326
sport-articles	0.7300	0.2700	0.7156	0.4304	0.7873
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.4000	0.4000	0.2778	-0.1538	0.4966
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9101	0.0599	0.8854	0.8531	0.2131
steel-b	0.8769	0.1231	0.7984	0.5763	0.5178
steel-d	0.9692	0.0308	0.7818	0.5558	0.5566
steel-k	0.9641	0.0359	0.9455	0.8909	0.2792
steel-o	0.8667	0.1333	0.8543	0.7085	0.5441
steel-p	0.9026	0.0974	0.6857	0.3711	0.6558
steel-s	0.9949	0.0051	0.9665	0.9307	0.0228
steel-z	0.9846	0.0154	0.9607	0.9183	0.2760
stellar	0.9673	0.0218	0.9624	0.9418	0.1191
stock	0.9028	0.0972	0.8311	0.6613	0.5316
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9880	0.0120	0.9880	0.9758	0.0825
stress	0.9524	0.0190	0.9548	0.9405	0.0711
student-lifestyle	0.5200	0.1920	0.3759	0.2423	0.5400
student-depression	0.7900	0.2100	0.7815	0.5612	0.6849
student-habits	0.3400	0.2640	0.2342	0.0694	0.8007
student-weekend	0.4000	0.2400	0.3794	0.2028	0.6811
student-workday	0.7344	0.1062	0.2741	0.3105	0.4041
studentap	0.3846	0.4103	0.3172	0.1034	0.6087
susy	0.7577	0.2423	0.7556	0.5064	0.7274
susy1%	0.7892	0.2108	0.7892	0.5691	0.6580
susy10%	0.7963	0.2037	0.7953	0.5850	0.6553
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9988	0.0012	0.9988	0.9975	0.0120
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.3333	0.4444	0.2695	0.0000	0.6230
telco-churn	0.8438	0.1562	0.8026	0.6049	0.6315
texture	0.7218	0.0506	0.7408	0.6935	0.3084

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8947	0.1053	0.8683	0.7295	0.4423
tic-tac-toe	0.9263	0.0737	0.9170	0.8338	0.3663
tis	0.8661	0.1339	0.8191	0.6381	0.5891
tis10%	0.9030	0.0970	0.8681	0.7360	0.4848
titanic	0.8136	0.1864	0.7854	0.5063	0.4700
tourist	0.6250	0.1250	0.3030	0.3684	0.1720
tox_171	0.6471	0.1765	0.6768	0.5321	0.3752
toxicity	0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f	0.8235	0.1765	0.8152	0.5641	0.3671
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.5938	0.1860	0.8482
trec11-wc	0.8049	0.0434	0.7674	0.7599	0.1645
trec12-wc	0.7742	0.0565	0.7648	0.7260	0.1542
trec21-wc	0.7576	0.0808	0.5249	0.4981	0.3467
trec23-wc	0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc	0.9462	0.0154	0.7642	0.9287	0.1083
trec41-wc	0.9091	0.0182	0.7437	0.8885	0.1008
trec45-wc	0.9275	0.0145	0.8429	0.9158	0.0667
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.6750	0.1625	0.6909	0.5667	0.3853
tvnews	0.9385	0.0615	0.9336	0.8671	0.3204
tvnews1%	0.8308	0.1692	0.8152	0.6270	0.6070
tvnews10%	0.8481	0.1519	0.8365	0.6729	0.5817
ur3_cobotops_grip	0.9714	0.0286	0.7326	0.4477	0.4844
ur3_cobotops_stop	0.9714	0.0286	0.7669	0.5192	0.4567
urban	0.7910	0.0464	0.8013	0.7545	0.1923
urinalysis	0.9371	0.0629	0.6445	0.2766	0.6092
url-rep1%	0.9708	0.0419	0.9462	0.9196	0.2519
ustilago	0.9637	0.0253	0.5490	0.0887	0.4755
ustilago1%	0.9837	0.0163	0.4959	-0.0079	0.5665
ustilago10%	0.9752	0.0248	0.5357	0.0685	0.5035
vehicle	0.7143	0.1429	0.6936	0.6183	0.2724
vehicleVAN	0.9048	0.0952	0.8834	0.7612	0.4805
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.8372	0.1628	0.8410	0.6753	0.5648
vowel	0.3838	0.1120	0.4207	0.3222	0.3819
vowelZ	0.9697	0.0303	0.9134	0.8254	0.3837
vrnormat310k-hg16-17	0.8879	0.1121	0.6354	0.2691	0.6862
wap-wc	0.7500	0.0250	0.6158	0.7228	0.2155
warpar10p	0.6154	0.0769	0.5552	0.5667	0.1283
warppie10p	0.8571	0.0286	0.8663	0.8409	0.0651
watch-acc	0.9775	0.0037	0.9920	0.9745	0.0198
watch-acc1%	0.9288	0.0203	0.9330	0.9168	0.1139
watch-acc10%	0.9918	0.0023	0.9915	0.9905	0.0184
watch-gyr	0.9949	0.0052	0.9738	0.9920	0.0201
watch-gyr1%	0.9370	0.0180	0.9417	0.9265	0.0945
watch-gyr10%	0.9841	0.0045	0.9841	0.9814	0.0277
water_pollution	0.2367	0.3817	0.2352	-0.0177	0.8663
waveform	0.7480	0.1680	0.7478	0.6219	0.4997
weather-related	0.8962	0.0189	0.9123	0.8817	0.1145
web-phishing	0.8148	0.1235	0.7324	0.6776	0.4851
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9880	0.0048	0.9882	0.9849	0.0324
white-clover	0.6667	0.1667	0.3125	0.2500	0.3385
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0346

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9814	0.0186	0.8995	0.7987	0.3434
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5472	0.1509	0.2660	0.2903	0.5130
winequality-white	0.5951	0.1157	0.3607	0.4067	0.5513
winnipeg	0.9869	0.0038	0.9803	0.9834	0.0413
winnipeg10%	0.9527	0.0135	0.9584	0.9404	0.1033
wisc_bc	0.9474	0.0526	0.9432	0.8858	0.2729
yale	0.7500	0.0333	0.7318	0.7322	0.0609
yeast	0.4392	0.1122	0.2650	0.2757	0.5272
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9189	0.0811	0.5651	0.1084	0.4795
yeastME1	0.9527	0.0473	0.6808	0.3410	0.5673
yeastME2	0.9324	0.0676	0.6251	0.2503	0.6337
zip	0.8796	0.0241	0.8708	0.8650	0.1793

Table 262: Detailed results for C4.5(C2)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1655	0.0576	0.1042	0.0844	0.5880
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.7061	0.4084	0.6173
accelerometer	0.9728	0.0272	0.5942	0.1880	0.5825
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.9665	0.0335	0.9289	0.8570	0.2794
adult	0.8266	0.1734	0.7562	0.5120	0.6841
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8730	0.1270	0.5243	0.0464	0.7227
AID_1431_MACCSFingerprinter	0.8571	0.1429	0.4615	-0.0728	0.7372
AID_1878	0.8000	0.2000	0.5220	0.0256	0.7084
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red	0.7500	0.2500	0.5180	0.0357	0.7748
AID1608Morered	0.8641	0.1359	0.4635	-0.0729	0.6742
AID1608red	0.8738	0.1262	0.4663	-0.0669	0.6366
AID362red	0.9813	0.0187	0.5988	0.1909	0.5648
AID373AID439red	0.9995	0.0005	0.4999	-0.0002	0.3911
AID373red	0.9983	0.0017	0.5829	0.1658	0.5310
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9950	0.0050	0.4987	-0.0024	0.5429
AID604	0.9985	0.0015	0.8888	0.7735	0.2608
AID604AID644_AllRed	0.9983	0.0017	0.5829	0.1658	0.5310
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.5500	0.4500	0.4369	-0.1250	0.9680
AID687AID721red	0.9988	0.0012	0.4997	-0.0006	0.5035
AID687red	0.9949	0.0051	0.4987	-0.0025	0.5413
AID688red	0.9868	0.0132	0.4967	-0.0057	0.5585
AID721morered	0.5556	0.4444	0.5303	0.0526	0.7987
AID721red	0.2222	0.7778	0.1818	-0.4651	0.7939
AID746AID1284red	0.9985	0.0015	0.4996	-0.0007	0.5338
AID746red	0.9901	0.0099	0.6043	0.2084	0.5474
aids	0.8498	0.1502	0.7939	0.5876	0.6298
air_pollution	0.2400	0.2171	0.1472	0.0104	0.8918
air-booking	0.8024	0.1976	0.5940	0.1876	0.7753
airline	0.9463	0.0537	0.9453	0.8906	0.2811
alcohol	0.7524	0.0990	0.4218	0.4376	0.3788
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.9256	0.0744	0.9184	0.8322	0.3193
anneal	0.9775	0.0090	0.7843	0.9509	0.0279
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9374	0.0313	0.8769	0.8796	0.1870
anuran-genus	0.9374	0.0156	0.8270	0.8970	0.2302
anuran-species	0.9542	0.0092	0.9008	0.9361	0.0873
anxiety	0.1500	0.1889	0.1419	0.0432	0.7894
apple-quality	0.6550	0.3450	0.6550	0.3100	0.8745
aps-failure	0.9884	0.0116	0.8353	0.6706	0.4459
arabidopsis	0.9829	0.0171	0.5339	0.0668	0.5174
arabidopsis0.1%	0.9824	0.0176	0.4955	-0.0089	0.5348
arabidopsis1%	0.9732	0.0268	0.4932	-0.0113	0.3892
arabidopsis10%	0.9822	0.0177	0.5243	0.0476	0.5079

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.8000	0.2000	0.8062	0.6000	0.6335
arrhythmia	0.6444	0.0547	0.4702	0.4954	0.3501
auction	0.9706	0.0294	0.9364	0.8720	0.3203
audiology	0.8696	0.0109	0.4010	0.8510	0.0208
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0500	0.6952	0.8033	0.1274
avila	0.9741	0.0043	0.9721	0.9664	0.0747
babies	0.3710	0.1797	0.1432	0.0425	0.5757
balance	0.7903	0.1398	0.5495	0.6084	0.4036
bank	0.8874	0.1126	0.7113	0.4224	0.6596
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.7765	0.2235	0.7570	0.5140	0.7242
basehock	0.9749	0.0251	0.9749	0.9497	0.1579
bio	0.9951	0.0049	0.8603	0.7206	0.4070
bio10%	0.9938	0.0062	0.8321	0.6636	0.4637
biodeg	0.8095	0.1905	0.8059	0.6075	0.6461
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin	0.9871	0.0009	0.1260	0.4019	1.0000
bitcoin1%	0.9791	0.0014	0.0948	0.3158	0.4563
bitcoin10%	0.9831	0.0012	0.1178	0.3687	0.6189
body-perf	0.6201	0.1899	0.6203	0.4935	0.5450
bookings	0.9903	0.0065	0.8076	0.9794	0.0949
brain-tumor	0.5035	0.4965	0.5035	0.0069	0.9980
breast-cancer	0.7143	0.2857	0.6769	0.3488	0.8025
breast-cancer-co	0.9091	0.0909	0.9141	0.8136	0.2846
breast-cancer-ma	0.6364	0.3636	0.6333	0.2667	0.8952
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.8000	0.0571	0.5714	0.7143	0.0558
bub10at310k-hg16-17	0.9103	0.0897	0.6433	0.0295	0.2327
bub12at310k-hg16-17	0.8780	0.1265	0.6265	0.2443	0.7022
bub8at310k-hg16-17	0.8694	0.1275	0.6535	0.2882	0.6775
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4200	0.3867	0.3218	-0.0270	0.8044
car	0.9483	0.0259	0.9002	0.8923	0.1968
car-insurance	0.7730	0.2270	0.7359	0.4717	0.7440
card	0.8406	0.1594	0.8358	0.6713	0.5861
cardiotocography	0.7981	0.0404	0.7605	0.7578	0.2412
cardiotocography-nsp	0.9249	0.0501	0.8686	0.7935	0.3199
cardiovascular	0.6491	0.3509	0.6492	0.2981	0.8805
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.6725	0.5969	0.4522
cas_N6512_cdk_ECFP2	0.5576	0.4424	0.5880	0.0450	0.5967
cas_N6512_rdkit_ATOMPAIR	0.6585	0.3415	0.6566	0.3132	0.8715
cas_N6512_RDkit_AtomPair_FP	0.6580	0.3420	0.6556	0.3111	0.8724
cas_N6512_rdkit_AVALON	0.7373	0.2627	0.7375	0.4741	0.7669
cas_N6512_RDkit_Avalon_FP	0.7669	0.2331	0.7675	0.5336	0.7193
cas_N6512_rdkit_descriptors	0.6800	0.3200	0.6772	0.3540	0.8470
cas_N6512_rdkit_FEATMORGAN	0.7204	0.2796	0.7181	0.4360	0.7947
cas_N6512_RDkit_Featmorgan_FP	0.7239	0.2761	0.7218	0.4435	0.7899
cas_N6512_RDkit_FP	0.7132	0.2868	0.7125	0.4248	0.8031
cas_N6512_rdkit_LAYERED	0.7415	0.2585	0.7417	0.4825	0.7608
cas_N6512_RDkit_Layered_FP	0.7040	0.2960	0.7019	0.4038	0.8171

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7696	0.2304	0.7677	0.5350	0.7189
cas_N6512_RDkit_MACCS_FP	0.7730	0.2270	0.7750	0.5470	0.7043
cas_N6512_rdkit_MORGAN	0.6938	0.3062	0.6906	0.3795	0.8272
cas_N6512_RDkit_morgan_FP	0.6948	0.3052	0.6915	0.3802	0.8237
cas_N6512_rdkit_PATTERN	0.7477	0.2523	0.7477	0.4945	0.7520
cas_N6512_RDkit_pattern_FP	0.7362	0.2638	0.7357	0.4710	0.7703
cas_N6512_rdkit_RDKITFP	0.6897	0.3103	0.6877	0.3753	0.8352
cas_N6512_rdkit_TORSION	0.6677	0.3323	0.6654	0.3308	0.8615
ccds	0.9256	0.0743	0.6083	0.2097	0.5994
ccds1%	0.8819	0.1181	0.4686	-0.0547	0.4980
ccds10%	0.9114	0.0886	0.5707	0.1311	0.5640
cdc_diabetes	0.8154	0.1231	0.4106	0.2124	0.5901
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7431	0.2520	0.7440	0.4723	0.7330
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9669	0.0331	0.7665	0.5043	0.4163
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9380	0.0620	0.6240	0.2441	0.6288
CDS49_AID687_Rdkit-ecfp4-fp	0.9967	0.0033	0.4992	-0.0013	0.5230
census	0.9431	0.0569	0.7281	0.4455	0.5513
census10%	0.9365	0.0635	0.6918	0.3804	0.6066
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9651	0.0349	0.8728	0.7101	0.5112
cervical-S	0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia	0.9125	0.0438	0.8925	0.8691	0.1954
chrom19	0.9997	0.0003	0.9186	0.8369	0.2627
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9996	0.0004	0.9055	0.8106	0.3482
chrom21	0.9996	0.0004	0.4999	-0.0002	0.4578
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9994	0.0006	0.4998	-0.0003	0.4253
chronic-kidney	0.8795	0.1205	0.6362	0.2684	0.6675
churn	0.7740	0.2260	0.6521	0.3041	0.7839
churn-bigml	0.9326	0.0674	0.8596	0.7178	0.4506
ci900367j_MACCS	0.7053	0.2947	0.6930	0.2712	0.5729
circles	0.8400	0.0032	0.8053	0.8384	0.0242
cirrhosis	0.6905	0.2063	0.5808	0.4228	0.4443
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7417	0.1292	0.5882	0.6078	0.5282
climate	0.9074	0.0926	0.6992	0.3946	0.6420
cll_sub_111	0.5833	0.2778	0.6667	0.3333	0.4065
cm1	0.8600	0.1400	0.5740	0.1463	0.7265
cmc	0.5578	0.2948	0.5423	0.3133	0.7065
cnae-9	0.9444	0.0123	0.9479	0.9375	0.0572
codon_usage	0.8089	0.0347	0.6579	0.7682	0.3345
coil20	0.9306	0.0069	0.9355	0.9269	0.0475
college	0.8831	0.1169	0.8507	0.7009	0.5266
collins	0.9600	0.0053	0.8888	0.9560	0.0124
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2	0.5172	0.4828	0.4682	-0.0628	0.9943
colposcopies-3	0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.7586	0.2414	0.5412	0.0814	0.8234
colposcopies-6	0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c	0.7931	0.2069	0.7784	0.5272	0.6464
column-2c	0.8710	0.1290	0.8634	0.7195	0.5250
column-3c	0.8387	0.1075	0.8088	0.7430	0.2410

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5198	0.4802	0.6032	0.0002	0.5252
comedy_comparisons1%	0.5119	0.4881	0.4715	-0.0093	0.6691
comedy_comparisons10%	0.5181	0.4819	0.5283	0.0019	0.5523
connect-4	0.9833	0.0112	0.7363	0.6170	0.4222
cottonmeloidogyne	0.6827	0.3173	0.6836	0.3659	0.8390
coupon	0.7050	0.2950	0.6974	0.3942	0.8181
covid19	0.5326	0.1335	0.2181	0.1779	0.5120
covtype	0.9213	0.0225	0.8810	0.8737	0.2040
covtype10%	0.7387	0.0746	0.6563	0.5802	0.4068
covtypeCD	0.9766	0.0234	0.9513	0.9024	0.2575
covtypeT	0.9777	0.0223	0.9112	0.8214	0.3018
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.9991	0.0009	0.8684	0.7364	0.3631
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.8774	0.0409	0.6889	0.7483	0.4315
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.3125	0.0344	0.2436	0.2946	0.1160
customer-churn	0.9742	0.0258	0.6695	0.3386	0.5727
cybersecurity	0.1733	0.2756	0.1748	0.0078	0.8588
cyclopentane	0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands	0.7593	0.2407	0.7586	0.4815	0.6443
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dating	0.1106	0.1779	0.1098	0.0118	0.9196
day1%	0.9562	0.0438	0.9522	0.9034	0.2278
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.7553	0.2447	0.6382	0.2761	0.8053
defect	0.9228	0.0772	0.8557	0.7114	0.4899
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8841	0.1159	0.7149	0.4297	0.6616
depressed	0.7552	0.2448	0.5391	0.0778	0.8194
dermatology	0.9189	0.0270	0.9249	0.8991	0.0971
desharnais	0.7500	0.1667	0.7667	0.5429	0.3496
dexter	0.8167	0.1833	0.8183	0.6333	0.6212
df_final	0.6875	0.2083	0.5590	0.5000	0.2664
DIA	0.7667	0.2333	0.6622	0.3171	0.7815
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k	0.9561	0.0439	0.8536	0.7063	0.4405
diabetes-risk	0.8818	0.1182	0.8196	0.6392	0.5771
diabetic	0.5395	0.3070	0.4036	0.0028	0.3637
diabetic1%	0.5882	0.2745	0.4695	0.2555	0.7002
diabetic10%	0.4528	0.3648	0.3583	0.0043	0.7770
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7249	0.1100	0.7283	0.6138	0.4112
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5833	0.4167	0.5845	0.1667	0.9267
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9938	0.0062	0.4984	-0.0031	0.4886
dna1%	0.9921	0.0079	0.5251	0.0449	0.4231
dna10%	0.9924	0.0076	0.5274	0.0500	0.4355
dorothea	0.9130	0.0870	0.7889	0.5677	0.5992
dota2	0.5132	0.4868	0.5130	0.0259	0.9909
dota210%	0.5243	0.4757	0.5242	0.0483	0.9840
drebin	0.9767	0.0233	0.9750	0.9500	0.1561
dropout	0.6749	0.2167	0.5963	0.4691	0.6081

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3085	0.1976	0.1150	-0.0062	0.7119
drug-02	0.4149	0.1672	0.2270	0.1245	0.7242
drug-03	0.5532	0.1277	0.1306	-0.0204	0.5727
drug-04	0.3245	0.1930	0.1479	0.0153	0.8652
drug-05	0.6330	0.1049	0.1312	-0.0107	0.6581
drug-06	0.2819	0.2052	0.2208	0.1413	0.7458
drug-07	0.3723	0.1793	0.1437	0.0150	0.6353
drug-08	0.4362	0.1611	0.1642	0.0604	0.8253
drug-09	0.7766	0.0638	0.1260	-0.0126	0.4997
drug-10	0.4574	0.1550	0.2066	0.1079	0.7024
drug-11	0.8138	0.0532	0.2744	0.1607	0.3776
drug-12	0.6596	0.0973	0.1262	-0.0120	0.7802
drug-13	0.4947	0.1444	0.1682	0.1062	0.7577
drug-14	0.5266	0.1353	0.2573	0.2163	0.6946
drug-15	0.6862	0.0897	0.1665	0.1181	0.8665
drug-16	0.4734	0.1505	0.2175	0.1696	0.6927
drug-17	0.2287	0.2204	0.1714	0.0122	0.7910
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6968	0.0866	0.1664	0.0792	0.5202
drybean	0.9052	0.0271	0.9206	0.8854	0.1446
ecoli	0.8235	0.0441	0.5004	0.7515	0.0998
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2840	0.0413	0.8202
eeg	0.2927	0.0884	0.2937	0.2191	0.8060
eeg-eye	0.8004	0.1996	0.7978	0.5953	0.6650
eeg10%	0.1946	0.1007	0.1444	0.1106	0.8152
email_phishing	0.9870	0.0130	0.6926	0.3613	0.4732
eucalyptus	0.7397	0.1041	0.7162	0.6651	0.3248
euthyroid	0.9462	0.0538	0.8548	0.7086	0.4937
exon.vs.intron-freq	0.9579	0.0421	0.9577	0.9155	0.2348
exon.vs.intron-freq10%	0.9200	0.0800	0.9198	0.8396	0.3721
fakenews	0.5400	0.4600	0.5397	0.0793	0.9746
farm-ads	0.8575	0.1425	0.8567	0.7130	0.5420
fbis-wc	0.6870	0.0368	0.5700	0.6459	0.2977
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.7647	0.2353	0.7624	0.5248	0.7286
financial-risk	0.8745	0.0418	0.7254	0.8031	0.2336
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.6500	0.0875	0.3691	0.5584	0.2086
fonts	0.4802	0.0068	0.1967	0.4430	0.2758
fonts10%	0.4545	0.0071	0.1384	0.4159	0.3446
forest	0.9038	0.0481	0.8919	0.8672	0.1255
gas	0.9720	0.0093	0.9703	0.9660	0.0660
gastrointestinal	0.6875	0.2083	0.7667	0.5210	0.3282
gender	0.5895	0.2737	0.4169	0.0104	0.4068
gene	0.8959	0.0694	0.8822	0.8327	0.2787
german	0.7000	0.3000	0.6549	0.3039	0.8365
gestures	0.8399	0.0801	0.8401	0.7865	0.3091
gina	0.8444	0.1556	0.8444	0.6887	0.5732
gisette	0.9029	0.0971	0.9030	0.8057	0.4221
glass	0.7143	0.0952	0.6771	0.6261	0.2567
glass-g2	0.6875	0.3125	0.6789	0.3548	0.8301
glassBWFP	0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	0.7500	0.2500	0.6667	0.3333	0.7987
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8214	0.1786	0.8160	0.6218	0.5935
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.5236	0.2638	0.5793
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.6000	0.4000	0.4431	-0.1111	0.9438
hapt	0.8884	0.0186	0.7489	0.8681	0.1208
har	0.9501	0.0200	0.9474	0.9368	0.1131
har70	0.8820	0.0337	0.5803	0.8295	0.2372
har701%	0.8858	0.0326	0.5333	0.8342	0.3439
har7010%	0.8996	0.0287	0.5579	0.8533	0.3424
harth	0.8407	0.0265	0.5177	0.7824	0.1781
harth1%	0.8358	0.0274	0.5012	0.7766	0.2508
harth10%	0.8204	0.0299	0.4685	0.7552	0.1821
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.7647	0.2353	0.7747	0.5342	0.6845
health-activity	0.6700	0.1650	0.2558	0.0280	0.5443
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.7097	0.2903	0.7164	0.4247	0.7846
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum	0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.8004	0.1996	0.8137	0.6008	0.5720
hepmass1%	0.7757	0.2243	0.7757	0.5514	0.7079
hepmass10%	0.7968	0.2032	0.8044	0.5931	0.6190
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.5550	0.4450	0.5959	0.0566	0.5992
higgs0.1%	0.5600	0.4400	0.5902	0.0685	0.6415
higgs1%	0.5738	0.4262	0.5726	0.1451	0.9503
higgs10%	0.5536	0.4464	0.5979	0.0553	0.5915
higher	0.2857	0.1786	0.2655	0.1617	0.2883
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8583	0.1417	0.7397	0.4783	0.6659
hiva	0.9338	0.0662	0.5721	0.1425	0.6016
horse	0.5833	0.2778	0.5203	0.2330	0.6477
hotel-reservartions	0.8757	0.1243	0.8575	0.7146	0.5228
hr	0.8140	0.1860	0.5651	0.1281	0.7742
ht-sensor	0.8553	0.0964	0.8704	0.7847	0.2675
ht-sensor10%	0.8992	0.0672	0.9085	0.8494	0.2053
htru2	0.9715	0.0285	0.9133	0.8265	0.3304
hypothyroid	0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6610	0.3390	0.5568	0.1114	0.9005
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9680	0.0160	0.9681	0.9573	0.0703
ionosphere	0.9143	0.0857	0.9146	0.8148	0.3671
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.7612	0.0184	0.7635	0.7517	0.2064

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8007	0.1993	0.5560	0.0489	0.6093
jvowels	0.8574	0.0317	0.8499	0.8384	0.2111
kc1	0.8578	0.1422	0.6795	0.3286	0.6454
kc1-class-level-defectiveornot	0.7333	0.2667	0.7159	0.4118	0.7427
kc1-class-level-numericdefect	0.5000	0.0417	0.0595	0.1833	0.2713
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.5858	0.1675	0.8277
kdc-4007	0.7057	0.0736	0.6352	0.6565	0.3440
kddcup98	0.9487	0.0513	0.5224	0.0026	0.2145
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%	0.9361	0.0639	0.5248	0.0372	0.6120
kddcup99	1.0000	0.0000	0.7213	0.9999	0.0164
kddcup991%	0.9986	0.0001	0.5094	0.9976	0.0055
kddcup9910%	0.9995	0.0000	0.6792	0.9992	0.0257
kepler	0.8703	0.0865	0.8248	0.7865	0.2456
kidney	0.7303	0.1079	0.2108	0.0292	0.7609
kidney-disease	0.9500	0.0500	0.9467	0.8933	0.2764
krkopt	0.7483	0.0280	0.7474	0.7191	0.2914
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc	0.6698	0.1101	0.6404	0.5808	0.4776
la2s-wc	0.6921	0.1026	0.6869	0.6090	0.4548
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0147	0.3829	0.6909	0.0589
led24	0.6500	0.0700	0.6390	0.6056	0.1568
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8525	0.0113	0.8519	0.8466	0.1666
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.6667	0.0444	0.6722	0.6421	0.1285
linkage	1.0000	0.0000	0.9986	0.9971	0.0155
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.9999	0.0001	0.9964	0.9928	0.0370
liver	0.5000	0.5000	0.4661	-0.0664	0.9551
loan	0.9883	0.0117	0.9875	0.9750	0.0789
localization	0.6210	0.0689	0.4139	0.5240	0.6550
localization10%	0.5564	0.0806	0.3239	0.4361	0.5653
lrs	0.6226	0.0755	0.4610	0.4914	0.1847
lung	0.9048	0.0381	0.8857	0.8190	0.1706
lung_discrete	0.6250	0.1071	0.5333	0.5472	0.1163
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.8500	0.0600	0.7857	0.6907	0.2125
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2	0.6667	0.0741	0.3030	0.5500	0.0853
machine-failure	0.8298	0.1702	0.8237	0.6468	0.6092
madelon	0.5077	0.4923	0.5077	0.0154	0.9942
magic04	0.8101	0.1899	0.7907	0.5812	0.6661
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7917	0.2083	0.7930	0.5839	0.6742
marketing	0.8438	0.1562	0.6851	0.3702	0.7134
maternal	0.8020	0.1320	0.8045	0.6990	0.4075
math	0.8500	0.0750	0.8278	0.7751	0.2494
mba	0.7935	0.1376	0.4080	0.2270	0.5561
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2667	0.2933	0.2699	0.0839	0.8300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6696	0.3304	0.6638	0.3277	0.8607
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8730	0.8442	0.1259
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.8900	0.0220	0.8922	0.8778	0.1226
mfeat-fou	0.6800	0.0640	0.6723	0.6444	0.2811
mfeat-kar	0.8050	0.0390	0.8087	0.7833	0.2167
mfeat-mor	0.6300	0.0740	0.6290	0.5889	0.2542
mfeat-pix	0.8450	0.0310	0.8484	0.8278	0.1653
mfeat-zer	0.6700	0.0660	0.6788	0.6333	0.2661
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9906	0.0063	0.9918	0.9855	0.0283
mines	0.5000	0.2000	0.4815	0.3731	0.5072
mobile	0.6643	0.0120	0.6714	0.6582	0.1533
monks-1	0.7273	0.2727	0.7319	0.4562	0.7625
monks-2	0.9672	0.0328	0.9641	0.9257	0.1307
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3644	0.1156	0.4279	0.2441	0.6514
musk	0.9439	0.0561	0.8907	0.7811	0.3999
MUT_ci300400a_cdk_ECFP2	0.5923	0.4077	0.5955	0.0285	0.5461
MUT_ci300400a_cdk_ECFP4	0.7545	0.2455	0.7461	0.4919	0.7488
MUT_ci300400a_cdk_ECFP6	0.7281	0.2719	0.7230	0.4455	0.7851
MUT_ci300400a_cdk_ESTATE	0.7518	0.2482	0.7420	0.4818	0.7496
MUT_ci300400a_cdk_EXTENDED	0.7518	0.2482	0.7463	0.4923	0.7514
MUT_ci300400a_cdk_FCFP2	0.8096	0.1904	0.8042	0.6085	0.6526
MUT_ci300400a_cdk_FCFP4	0.7710	0.2290	0.7639	0.5277	0.7222
MUT_ci300400a_cdk_FCFP6	0.7470	0.2530	0.7424	0.4842	0.7571
MUT_ci300400a_cdk_MACCS	0.8177	0.1823	0.8141	0.6277	0.6350
MUT_ci300400a_cdk_PUBCHEM	0.8204	0.1796	0.8157	0.6314	0.6311
MUT_ci300400a_cdk_STANDARD	0.7796	0.2204	0.7771	0.5526	0.7014
MUT_ci300400a_rdkit_descriptors	0.5865	0.4135	0.6006	0.0353	0.5495
myocardial	0.8647	0.0338	0.3424	0.4438	0.4045
naticusdroid	0.9703	0.0297	0.9703	0.9407	0.1801
NCI60	0.3333	0.2222	0.2857	0.2000	0.2350
nci9	0.3333	0.1481	0.2222	0.2258	0.1401
ncRNA	0.8984	0.0107	0.4722	0.6967	0.1778
ncRNA1%	0.8834	0.0123	0.3952	0.6628	0.6989
ncRNA10%	0.9041	0.0101	0.4571	0.7136	0.2591
neo	0.8778	0.1222	0.6540	0.3080	0.6893
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.6849	0.0143	0.6769	0.6748	0.2601
newspop	0.5474	0.4526	0.5447	0.0893	0.9707
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9515	0.0485	0.9402	0.8801	0.2824
NPHA-doctor-visits	0.4028	0.3981	0.3111	-0.0131	0.7971
nursery	0.9915	0.0034	0.7836	0.9876	0.0339
obesity	0.9479	0.0149	0.9487	0.9391	0.0732
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9932	0.0068	0.9905	0.9809	0.0782
Occupancy_Estimation	0.9911	0.0044	0.9723	0.9728	0.0350
oh0-wc	0.8515	0.0297	0.8618	0.8304	0.1509
oh10-wc	0.6571	0.0686	0.6530	0.6098	0.3209
oh15-wc	0.7391	0.0522	0.7386	0.7057	0.2380
oh5-wc	0.7033	0.0593	0.7313	0.6657	0.2810

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.6577	0.0685	0.6472	0.6173	0.4225
olive	0.9298	0.0156	0.9014	0.9124	0.0363
opn310k	0.8835	0.1165	0.6557	0.3113	0.6817
opn310k10%	0.8894	0.1106	0.6578	0.3157	0.6772
opnat310k-hg16-17	0.9097	0.0902	0.6288	0.0218	0.2403
optdigits	0.8683	0.0263	0.8708	0.8536	0.1768
optdigitsZ	0.9875	0.0125	0.9613	0.9225	0.1841
orl	0.6500	0.0175	0.6067	0.6410	0.0638
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9368	0.0632	0.4837	-0.0321	0.6277
ozone8hr	0.8933	0.1067	0.5644	0.1261	0.6936
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8041	0.1959	0.7748	0.5436	0.6666
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7778	0.2222	0.8090	0.5652	0.5154
p53-mutants	0.9930	0.0070	0.6058	0.2108	0.5478
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.9653	0.0139	0.6886	0.8063	0.2446
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8341	0.1659	0.8227	0.6451	0.6083
parkinsons-small	0.8421	0.1579	0.7857	0.5649	0.6183
particle	0.8789	0.1211	0.8510	0.7020	0.5400
particle10%	0.8769	0.1231	0.8484	0.6968	0.5450
pasture	1.0000	0.0000	1.0000	1.0000	0.0000
pc1	0.9009	0.0991	0.6073	0.2138	0.6764
pcmac	0.5052	0.4948	0.5001	0.0001	0.9869
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7895	0.2105	0.7399	0.4754	0.7218
pediatric-leukemia	0.7941	0.0588	0.7925	0.7500	0.1914
pendigits	0.9618	0.0076	0.9617	0.9575	0.0637
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
persistency	0.7318	0.2682	0.7134	0.4267	0.7900
personalities	0.6157	0.0480	0.6172	0.5900	0.4809
pet-adoption	0.9150	0.0850	0.9035	0.8070	0.4103
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.9303	0.0199	0.9352	0.9185	0.0434
phone-acc0.1%	0.9204	0.0228	0.9161	0.9070	0.1150
phone-acc1%	0.9886	0.0033	0.9881	0.9867	0.0258
phone-acc10%	0.9255	0.0213	0.9310	0.9129	0.0486
phone-gyr	0.9459	0.0154	0.9472	0.9368	0.0386
phone-gyr0.1%	0.9160	0.0240	0.9107	0.9018	0.1171
phone-gyr1%	0.9831	0.0048	0.9820	0.9802	0.0356
phone-gyr10%	0.9500	0.0143	0.9496	0.9415	0.0457
phoneme	0.8093	0.1907	0.7666	0.5331	0.6922
phy	0.5756	0.4244	0.5756	0.1512	0.9491
pima	0.6711	0.3289	0.6421	0.2737	0.8519
pirvision	0.9941	0.0039	0.9897	0.9814	0.0439
placement	0.7200	0.2800	0.7098	0.4184	0.7986
plant-growth	0.5789	0.4211	0.5778	0.1556	0.9466
plrx	0.6111	0.3889	0.5439	0.0870	0.8978
poker	0.6584	0.0683	0.3103	0.3898	0.5073
poker1%	0.5171	0.0966	0.1283	0.1342	0.5253
poker10%	0.6225	0.0755	0.2169	0.3249	0.5795
polish-1st	0.9587	0.0413	0.7354	0.4698	0.5790
polish-2nd	0.9489	0.0511	0.6362	0.2709	0.6139
polish-3rd	0.9381	0.0619	0.6420	0.2835	0.6271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9500	0.0500	0.7580	0.5156	0.5745
polish-5th	0.9509	0.0491	0.8121	0.6242	0.5262
polya	0.6573	0.3427	0.6274	0.2548	0.8813
popularity	0.5660	0.2894	0.3872	0.1060	0.7044
post-operative	0.8889	0.0741	0.5856	0.7273	0.1423
postures	0.9758	0.0097	0.9755	0.9697	0.0613
pred-tox_mutagen_ref-desc	0.5294	0.4706	0.5765	0.0588	0.6634
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.0606	0.1515	0.2508	0.2525
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.5522	0.4478	0.5476	0.0905	0.9057
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9754	0.0099	0.9581	0.9669	0.0699
puc-rio10%	0.9469	0.0212	0.9044	0.9287	0.1231
pufs-128	0.4981	0.5019	0.4981	-0.0038	1.0000
pufs-1281%	0.4955	0.5045	0.4955	-0.0090	1.0000
pufs-12810%	0.5008	0.4992	0.5008	0.0016	0.9989
pufs-64	0.5012	0.4988	0.5012	0.0023	0.9988
pufs-641%	0.4988	0.5012	0.4987	-0.0026	1.0000
pufs-6410%	0.5012	0.4988	0.5012	0.0023	0.9987
pulsar	0.9713	0.0287	0.9127	0.8249	0.3220
raisin	0.8333	0.1667	0.8341	0.6667	0.5921
rcv1	0.2352	0.0232	0.0166	0.0126	0.3107
rcv11%	0.6130	0.0146	0.2534	0.5649	0.4401
rcv110%	0.2470	0.0344	0.0192	0.0098	0.3042
re0-wc	0.6533	0.0533	0.6563	0.5576	0.4603
re1-wc	0.7892	0.0169	0.7182	0.7598	0.1868
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8325	0.0052	0.4528	0.7709	0.3076
rice	0.9824	0.0176	0.9822	0.9645	0.1199
rnaseq	0.9500	0.0200	0.9544	0.9332	0.0595
rocket	0.5936	0.4064	0.5784	0.1568	0.9366
RT_IOT2022	0.9984	0.0003	0.9792	0.9959	0.0060
satimage	0.8429	0.0524	0.8237	0.8072	0.2390
satimageF	0.9844	0.0156	0.9599	0.9198	0.2059
satimageT	0.9098	0.0902	0.7383	0.4750	0.6144
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.4444	0.5556	0.4696	-0.0465	0.7758
schizo	0.4412	0.5588	0.4384	-0.1176	1.0000
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9231	0.0769	0.5662	0.1103	0.6287
secondary_mushroom	0.8480	0.1520	0.8624	0.7010	0.4691
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9264	0.0210	0.9342	0.9139	0.0917
segmentation	0.7475	0.2525	0.7209	0.4410	0.7721
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.8992	0.1008	0.5109	0.0207	0.6922
semeion	0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram	0.7974	0.2026	0.5202	0.0400	0.7852
sens-10-gram	0.8032	0.1968	0.4732	-0.0489	0.8004
sens-2-gram	0.8237	0.1763	0.5423	0.0802	0.7721
sens-3-gram	0.8342	0.1658	0.6082	0.2146	0.7470
sens-4-gram	0.8289	0.1711	0.6026	0.2043	0.7516
sens-5-gram	0.8316	0.1684	0.5839	0.1637	0.7560
sens-6-gram	0.8000	0.2000	0.5308	0.0611	0.7817

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8184	0.1816	0.5070	0.0128	0.7828
sens-8-gram	0.7947	0.2053	0.5000	0.0000	0.7918
sens-9-gram	0.8237	0.1763	0.5903	0.1798	0.7580
sensorless	0.9793	0.0038	0.9793	0.9772	0.0343
sepsis	0.9094	0.0906	0.6567	0.0015	0.2086
shoppers	0.8605	0.1395	0.7130	0.4227	0.6759
shuttle	0.9997	0.0001	0.9838	0.9990	0.0458
sick	0.9841	0.0159	0.9325	0.8554	0.0582
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9989	0.0011	0.9983	0.9965	0.0161
skin10%	0.9971	0.0029	0.9957	0.9913	0.0243
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2800	0.3600	0.2780	0.0446	0.8072
smk_can_187	0.5263	0.4737	0.5225	0.0447	0.9841
smoking	0.7664	0.2336	0.7465	0.4927	0.7396
soil_pollution	0.1867	0.3253	0.1851	-0.0171	0.8839
solar-flare	0.7554	0.0815	0.6046	0.6859	0.2293
sonar	0.7000	0.3000	0.7000	0.4000	0.8211
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9415	0.0585	0.8195	0.6384	0.5095
spambase	0.9217	0.0783	0.9180	0.8360	0.3732
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer	0.4717	0.0220	0.2301	0.4413	0.1495
splice-EI	0.9527	0.0473	0.9382	0.8761	0.3109
splice-IE	0.9180	0.0820	0.8865	0.7729	0.4460
sport-articles	0.7400	0.2600	0.7211	0.4423	0.7789
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8830	0.0780	0.8494	0.8090	0.2517
steel-b	0.7385	0.2615	0.6097	0.2194	0.8192
steel-d	0.9744	0.0256	0.7677	0.5324	0.5024
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.6974	0.3026	0.6778	0.3538	0.8266
steel-p	0.9026	0.0974	0.7032	0.4041	0.6481
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9061	0.8093	0.4129
stellar	0.9650	0.0233	0.9594	0.9378	0.1194
stock	0.7986	0.2014	0.6110	0.2133	0.7754
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9940	0.0060	0.9940	0.9879	0.0481
stress	0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle	0.4750	0.2100	0.2956	0.1674	0.6289
student-depression	0.7548	0.2452	0.7447	0.4879	0.7463
student-habits	0.2600	0.2960	0.1796	-0.0546	0.8001
student-weekend	0.2615	0.2954	0.2041	-0.0032	0.8427
student-workday	0.5625	0.1750	0.3769	0.0132	0.5140
studentap	0.3077	0.4615	0.3319	-0.0263	0.7504
susy	0.7683	0.2317	0.7661	0.5289	0.7136
susy1%	0.7638	0.2362	0.7619	0.5187	0.7161
susy10%	0.7595	0.2405	0.7570	0.5125	0.7329
swarm_aligned	0.9975	0.0025	0.9971	0.9942	0.0271
swarm_flocking	0.9800	0.0200	0.9800	0.9600	0.1327
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.3333	0.4444	0.3388	0.0000	0.8223
telco-churn	0.8608	0.1392	0.8235	0.6468	0.5932
texture	0.9018	0.0179	0.9071	0.8918	0.1224

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7447	0.2553	0.4268	-0.1417	0.8293
thrombin	0.9791	0.0209	0.6769	0.3239	0.4864
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9368	0.0632	0.9287	0.8564	0.3161
tis	0.8384	0.1616	0.7863	0.5724	0.6524
tis10%	0.7836	0.2164	0.7176	0.4344	0.7461
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.1667	0.2786	0.2381	0.1674
tox_171	0.2941	0.3529	0.2745	0.0599	0.5158
toxicity	0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f	0.8235	0.1765	0.8020	0.5984	0.6209
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6000	0.4000	0.4298	-0.1398	0.9213
trec11-wc	0.7561	0.0542	0.6709	0.7005	0.2225
trec12-wc	0.7742	0.0565	0.7631	0.7288	0.1600
trec21-wc	0.7879	0.0707	0.5072	0.5926	0.2937
trec23-wc	0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc	0.9247	0.0215	0.7796	0.9001	0.0898
trec41-wc	0.9091	0.0182	0.7366	0.8892	0.1338
trec45-wc	0.9275	0.0145	0.9285	0.9156	0.0670
tuandromd	0.9821	0.0179	0.9722	0.9443	0.1640
turkish	0.6750	0.1625	0.6821	0.5667	0.4339
tvnews	0.9143	0.0857	0.9071	0.8138	0.3985
tvnews1%	0.8538	0.1462	0.8455	0.6902	0.5674
tvnews10%	0.8204	0.1796	0.8071	0.6142	0.6415
ur3_cobotops_grip	0.9701	0.0299	0.6798	0.2069	0.2605
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8358	0.0365	0.8242	0.8073	0.1579
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
url-rep1%	0.9578	0.0422	0.9551	0.9078	0.2537
ustilago	0.9746	0.0254	0.5492	0.0897	0.4718
ustilago1%	0.9756	0.0244	0.4938	-0.0119	0.4801
ustilago10%	0.9738	0.0262	0.5340	0.0640	0.4892
vehicle	0.7500	0.1250	0.7170	0.6639	0.2273
vehicleVAN	0.9524	0.0476	0.9393	0.8769	0.3203
voice	0.5833	0.4167	0.5598	0.1176	0.9159
vote	0.8140	0.1860	0.8280	0.6301	0.5432
vowel	0.5455	0.0826	0.5814	0.5000	0.2499
vowelZ	0.9293	0.0707	0.7755	0.5497	0.5632
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7115	0.0288	0.6084	0.6762	0.2180
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc	0.9872	0.0037	0.9869	0.9850	0.0198
watch-acc1%	0.9794	0.0059	0.9791	0.9759	0.0433
watch-acc10%	0.9882	0.0034	0.9880	0.9862	0.0223
watch-gyr	0.9820	0.0052	0.9822	0.9789	0.0202
watch-gyr1%	0.9841	0.0045	0.9841	0.9814	0.0352
watch-gyr10%	0.9870	0.0037	0.9869	0.9848	0.0184
water_pollution	0.2933	0.3533	0.2927	0.0575	0.8363
waveform	0.6920	0.2053	0.6923	0.5377	0.5666
weather-related	0.9692	0.0056	0.9694	0.9651	0.0419
web-phishing	0.8667	0.0889	0.8122	0.7632	0.3901
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9911	0.0036	0.9905	0.9887	0.0263
white-clover	0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc	0.9700	0.0150	0.9705	0.9600	0.0611

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9855	0.0145	0.9218	0.8435	0.2875
wine	0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red	0.5723	0.1426	0.2852	0.3203	0.4308
winequality-white	0.5521	0.1280	0.2858	0.3274	0.6025
winnipeg	0.9763	0.0068	0.9667	0.9700	0.0605
winnipeg10%	0.9773	0.0065	0.9719	0.9713	0.0648
wisc_bc	0.8772	0.1228	0.8805	0.7486	0.4696
yale	0.4375	0.0750	0.4308	0.3975	0.1297
yeast	0.5135	0.0973	0.3525	0.3734	0.4531
yeastCYT-POX	0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC	0.9527	0.0473	0.6808	0.3410	0.5673
yeastME1	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2	0.9324	0.0676	0.6251	0.2503	0.6337
zip	0.8645	0.0271	0.8526	0.8481	0.2003

Table 263: Detailed results for C5.0(C)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer	0.9831	0.0169	0.6760	0.2831	0.3936
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.9726	0.0274	0.9414	0.8808	0.2032
adult	0.8686	0.1315	0.8096	0.6151	0.5732
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7810	0.2190	0.6070	0.2126	0.7950
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.4088	0.1161	0.2974
AID1284Morered	0.6667	0.3333	0.4000	-0.1934	0.7524
AID1284red	0.7222	0.2778	0.4194	-0.1613	0.7929
AID1608Morered	0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9967	0.0033	0.6684	0.1991	0.2307
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.6707	0.3056	0.7334
AID644red	0.5500	0.4500	0.4886	-0.0227	0.9383
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8685	0.1315	0.8141	0.6242	0.5688
airline	0.9598	0.0402	0.9591	0.9179	0.2200
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9958	0.0042	0.8849	0.7671	0.4228
anuran-family	0.9597	0.0202	0.8790	0.9236	0.1783
anuran-genus	0.9471	0.0132	0.8489	0.9123	0.1847
anuran-species	0.9569	0.0086	0.9100	0.9399	0.0843
apple-quality	0.8150	0.1850	0.8150	0.6300	0.6353
aps-failure	0.9907	0.0093	0.8580	0.7124	0.3500
arabidopsis0.1%	0.9853	0.0147	0.4963	-0.0071	0.5635
arabidopsis1%	0.9856	0.0144	0.4964	-0.0072	0.5506
arcene	0.8500	0.1500	0.8488	0.6939	0.5599
arrhythmia	0.7556	0.0489	0.5928	0.6218	0.1942
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.8182	0.0331	0.7016	0.7874	0.0785
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autos	0.8000	0.0800	0.8280	0.7306	0.1831
balance	0.8710	0.0860	0.5994	0.7571	0.2313
bank	0.9031	0.0969	0.7502	0.4999	0.6179
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8295	0.1705	0.8132	0.6256	0.6209
basehock	0.9397	0.0603	0.9420	0.8795	0.2641
bio	0.9960	0.0040	0.8766	0.7490	0.2959
bio10%	0.9945	0.0055	0.8448	0.6895	0.4286
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.9870	0.0037	0.3505	0.2064	0.1274
body-perf	0.7239	0.1381	0.7264	0.6318	0.4316
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma	0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue	0.6364	0.1212	0.6525	0.5600	0.2067
bridges	0.7000	0.1000	0.5887	0.5714	0.1860
bub10at310k-hg16-17	0.8964	0.1036	0.6531	0.3020	0.6691
bub12at310k-hg16-17	0.8968	0.1032	0.6423	0.2773	0.6680
bub8at310k-hg16-17	0.8894	0.1106	0.6546	0.3089	0.6794
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
car	0.9655	0.0172	0.9349	0.9274	0.1682
card	0.8696	0.1304	0.8657	0.7285	0.5029
cardiotocography	0.8357	0.0329	0.8071	0.8025	0.1980
cardiotocography-nsp	0.9202	0.0532	0.8623	0.7879	0.3429
cardiovascular	0.7375	0.2625	0.7389	0.4750	0.7615
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.7519	0.6865	0.2934
cas_N6512_cdk_ECFP2	0.7450	0.2550	0.7436	0.4871	0.7589
cas_N6512_rdkit_ATOMPAIR	0.7369	0.2631	0.7345	0.4675	0.7683
cas_N6512_RDkit_AtomPair_FP	0.6979	0.3021	0.6947	0.3859	0.8182
cas_N6512_rdkit_AVALON	0.7634	0.2366	0.7619	0.5237	0.7299
cas_N6512_RDkit_Avalon_FP	0.7638	0.2362	0.7618	0.5230	0.7278
cas_N6512_rdkit_descriptors	0.7554	0.2446	0.7547	0.5091	0.7416
cas_N6512_rdkit_FEATMORGAN	0.7527	0.2473	0.7506	0.5008	0.7464
cas_N6512_RDkit_Featmorgan_FP	0.7393	0.2607	0.7369	0.4724	0.7650
cas_N6512_RDkit_FP	0.7546	0.2454	0.7528	0.5054	0.7439
cas_N6512_rdkit_LAYERED	0.7615	0.2385	0.7614	0.5222	0.7304
cas_N6512_RDkit_Layered_FP	0.7316	0.2684	0.7292	0.4576	0.7776
cas_N6512_rdkit_MACCS	0.7957	0.2043	0.7941	0.5862	0.6675
cas_N6512_RDkit_MACCS_FP	0.8006	0.1994	0.8006	0.6004	0.6622
cas_N6512_rdkit_MORGAN	0.7738	0.2262	0.7720	0.5423	0.7082
cas_N6512_RDkit_morgan_FP	0.7239	0.2761	0.7214	0.4417	0.7882
cas_N6512_rdkit_PATTERN	0.7631	0.2369	0.7635	0.5258	0.7263
cas_N6512_RDkit_pattern_FP	0.7699	0.2301	0.7681	0.5358	0.7183
cas_N6512_rdkit_RDKITFP	0.7081	0.2919	0.7060	0.4119	0.8115
cas_N6512_rdkit_TORSION	0.6908	0.3092	0.6878	0.3747	0.8330
ccds1%	0.8984	0.1016	0.4732	-0.0502	0.5403
ccds10%	0.9295	0.0705	0.5664	0.1318	0.6113
cdc_diabetes	0.8464	0.1024	0.4226	0.2119	0.3485
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7150	0.2850	0.6910	0.3818	0.8136
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9483	0.0517	0.5796	0.0889	0.4644
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9489	0.0511	0.7402	0.4691	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9992	0.0008	0.7946	0.5878	0.4445
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.6116	0.1148	0.4393
churn	0.8550	0.1450	0.7500	0.4717	0.5836
ci900367j_MACCS	0.6842	0.3158	0.6610	0.3218	0.8520
cirrhosis	0.7143	0.1905	0.6084	0.4672	0.5608
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7472	0.1264	0.5940	0.6111	0.5292
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5221	0.2922	0.6847
cnae-9	0.9167	0.0185	0.9235	0.9062	0.0868
codon_usage	0.8319	0.0306	0.6653	0.7956	0.3289
coil20	0.9375	0.0063	0.9409	0.9342	0.0356
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.6812	0.3318	0.7732
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.5517	0.4483	0.5085	0.0157	0.9614
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.8276	0.1724	0.7767	0.5511	0.6703
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.8387	0.1075	0.7914	0.7395	0.2576
connect-4	0.9865	0.0090	0.7670	0.6687	0.3491
cottonmeloidogyne	0.6827	0.3173	0.6830	0.3656	0.8416
coupon	0.7185	0.2815	0.7106	0.4198	0.7988
covid19	0.5498	0.1286	0.2165	0.1991	0.4032
covtype	0.9454	0.0156	0.9166	0.9122	0.1528
covtype10%	0.8503	0.0428	0.7894	0.7583	0.3174
covtypeCD	0.9891	0.0109	0.9767	0.9532	0.1215
covtypeT	0.9831	0.0169	0.9337	0.8671	0.2556
crabs	0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans	0.9993	0.0007	0.8862	0.7433	0.0040
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9069	0.0310	0.7879	0.8096	0.3272
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
customer-churn	0.9840	0.0160	0.7609	0.4926	0.3903
cyclopentane	0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands	0.7778	0.2222	0.7728	0.5456	0.7094
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8280	0.1720	0.7185	0.4084	0.6437
defect	0.9599	0.0401	0.9227	0.8399	0.2297
deposit	0.9002	0.0998	0.7462	0.4909	0.6186

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
depressed	0.8112	0.1888	0.5788	0.1376	0.7552
dermatology	0.9189	0.0270	0.9249	0.8991	0.0971
desharnais	0.5000	0.3333	0.3667	0.0588	0.6762
dexter	0.8167	0.1833	0.8168	0.6333	0.6308
df_final	0.6875	0.2083	0.5590	0.5000	0.2664
DIA	0.8333	0.1667	0.7616	0.5122	0.6385
diabetes	0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-risk	0.9199	0.0801	0.8742	0.7466	0.4367
diabetic1%	0.5000	0.3333	0.3534	0.1051	0.6488
diabetic10%	0.4862	0.3425	0.3637	0.0684	0.7770
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7773	0.0891	0.7785	0.6844	0.3306
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dota2	0.5649	0.4351	0.5629	0.1257	0.9579
dota210%	0.5291	0.4709	0.5276	0.0552	0.9825
dropout	0.7359	0.1761	0.6670	0.5650	0.5301
drug-01	0.2872	0.2036	0.1567	-0.0068	0.7487
drug-02	0.4043	0.1702	0.1962	0.1337	0.7459
drug-03	0.6064	0.1312	0.2069	0.1303	0.6120
drug-04	0.4255	0.1641	0.2088	0.1137	0.8388
drug-05	0.7074	0.0836	0.1515	0.0294	0.3862
drug-06	0.3298	0.1915	0.2618	0.1919	0.7231
drug-07	0.3511	0.2163	0.1594	0.0036	0.6952
drug-08	0.4947	0.1444	0.2388	0.1602	0.7240
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.4894	0.1459	0.1815	0.1327	0.7365
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7606	0.0798	0.1660	0.0440	0.5068
drug-13	0.5372	0.1322	0.1604	0.1865	0.6144
drug-14	0.5532	0.1277	0.2788	0.2607	0.6673
drug-15	0.7234	0.0790	0.1650	0.1525	0.5939
drug-16	0.5532	0.1489	0.3205	0.2906	0.6154
drug-17	0.2872	0.2036	0.2193	0.1071	0.8165
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7181	0.0805	0.1724	0.1032	0.6099
drybean	0.9155	0.0241	0.9271	0.8978	0.1383
ecoli	0.7941	0.0686	0.6417	0.7180	0.2594
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
eeg	0.3992	0.0751	0.4054	0.3365	0.7168
eeg-eye	0.8351	0.1649	0.8334	0.6668	0.5961
eeg10%	0.3164	0.0854	0.3153	0.2474	0.7326
email_phishing	0.9884	0.0116	0.7080	0.2629	0.1812
eucalyptus	0.6712	0.1315	0.6845	0.5779	0.3135
euthyroid	0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq	0.9644	0.0356	0.9643	0.9285	0.2074
exon.vs.intron-freq10%	0.9317	0.0683	0.9315	0.8630	0.3335
fbis-wc	0.6829	0.0373	0.6507	0.6395	0.2958
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5490	0.4510	0.3544	0.0000	0.5183

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.6500	0.1000	0.4755	0.5597	0.2285
fonts	0.8131	0.0024	0.6342	0.8045	0.3123
fonts10%	0.6130	0.0051	0.3221	0.5958	0.5001
forest	0.8654	0.0673	0.8599	0.8137	0.1815
gas	0.9756	0.0081	0.9751	0.9703	0.0555
gastrointestinal	0.8750	0.0833	0.8910	0.8095	0.1719
gender	0.5474	0.3018	0.4329	0.1241	0.7114
gene	0.9274	0.0484	0.9176	0.8828	0.1974
german	0.6700	0.3300	0.6259	0.2500	0.8752
gestures	0.8065	0.0967	0.8068	0.7420	0.3441
gina	0.8876	0.1124	0.8878	0.7753	0.4656
gisette	0.9529	0.0471	0.9529	0.9057	0.2546
glass	0.7619	0.0794	0.7176	0.6656	0.2136
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.9524	0.0476	0.9529	0.9014	0.2404
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9091	0.0909	0.7250	0.4500	0.6330
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage	0.3333	0.3333	0.2767	0.0741	0.7064
gsalc	0.7778	0.0741	0.7358	0.7313	0.1003
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9167	0.0139	0.7236	0.9016	0.0817
har	0.9730	0.0108	0.9708	0.9658	0.0658
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7000	0.1500	0.2083	-0.0395	0.6664
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8065	0.1935	0.8199	0.6189	0.5820
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.9800	0.0200	0.9767	0.9533	0.1319
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.8636	0.1364	0.8641	0.7273	0.5241
hepmass1%	0.8447	0.1553	0.8451	0.6894	0.5696
hepmass10%	0.8565	0.1435	0.8571	0.7131	0.5413
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.7192	0.2808	0.7180	0.4359	0.7962
higgs0.1%	0.6282	0.3718	0.6260	0.2517	0.9032
higgs1%	0.6813	0.3187	0.6802	0.3605	0.8449
higgs10%	0.7056	0.2944	0.7043	0.4086	0.8145
higher	0.2143	0.1964	0.2500	0.0610	0.3621
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8685	0.1315	0.7499	0.4948	0.6349
hiva	0.9598	0.0402	0.6031	0.1737	0.5500
horse	0.6111	0.2593	0.6161	0.3620	0.6028
ht-sensor	0.9994	0.0004	0.9995	0.9992	0.0036
ht-sensor10%	0.9963	0.0024	0.9965	0.9945	0.0170

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
htru2	0.9771	0.0229	0.9289	0.8565	0.2495
hypothyroid	0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6441	0.3559	0.5585	0.1169	0.9037
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.9714	0.0286	0.9671	0.9320	0.1146
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8049	0.0150	0.8113	0.7971	0.1661
jm1	0.7971	0.2029	0.5936	0.1540	0.7377
jvowels	0.8956	0.0232	0.8915	0.8817	0.1612
kc1	0.8531	0.1469	0.6473	0.2225	0.5902
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6154	0.1538	0.1600	0.0441	0.3403
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.5420	0.0574	0.7533
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9476	0.0524	0.4866	-0.0021	0.2511
kddcup991%	0.9980	0.0003	0.8156	0.9966	0.0262
kddcup9910%	0.9995	0.0000	0.7827	0.9992	0.0018
kepler	0.8745	0.0837	0.8299	0.7931	0.2327
kidney	0.6801	0.1279	0.2078	-0.0046	0.7982
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krvskp	0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc	0.7270	0.0910	0.7160	0.6520	0.3844
la2s-wc	0.7384	0.0872	0.7206	0.6650	0.3904
labor	0.8333	0.1667	0.8537	0.6667	0.4644
led24	0.6500	0.0778	0.6933	0.6034	0.1982
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8889	0.0148	0.9106	0.8806	0.0504
linkage	0.9998	0.0002	0.9895	0.9787	0.0040
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9999	0.0001	0.9916	0.9831	0.0217
liver	0.5882	0.4118	0.5514	0.1019	0.9203
loan	0.9883	0.0117	0.9875	0.9750	0.0789
localization	0.7333	0.0485	0.5141	0.6640	0.5001
localization10%	0.6547	0.0628	0.4006	0.5617	0.5464
lrs	0.8491	0.0431	0.8065	0.7911	0.1309
lung	0.9048	0.0381	0.7099	0.8082	0.0647
lung_discrete	0.6250	0.1500	0.6000	0.5102	0.2226
lung-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1	0.8500	0.0600	0.8438	0.7087	0.2985
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.6667	0.1111	0.4000	0.5500	0.1046
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.6654	0.3346	0.6654	0.3308	0.8629
magic04	0.8590	0.1410	0.8425	0.6815	0.5430
mammography	0.8021	0.1979	0.8017	0.6000	0.6506
maternal	0.8020	0.1320	0.8043	0.6992	0.4208
messidor	0.6261	0.3739	0.6289	0.2547	0.8910
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.7875	0.7702	0.2056
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.8950	0.0210	0.8980	0.8833	0.1169
mfeat-fou	0.7650	0.0470	0.7638	0.7389	0.2057
mfeat-kar	0.8100	0.0380	0.8121	0.7889	0.2083
mfeat-pix	0.8950	0.0210	0.8949	0.8833	0.1242
mfeat-zer	0.7300	0.0540	0.7298	0.7000	0.2284
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mobile	0.6783	0.0115	0.6861	0.6725	0.1483
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8852	0.1148	0.8770	0.7240	0.2925
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4556	0.0990	0.5006	0.3534	0.5830
musk	0.9742	0.0258	0.9497	0.8986	0.2045
MUT_ci300400a_cdk_ECFP2	0.8034	0.1966	0.7966	0.5927	0.6627
MUT_ci300400a_cdk_ECFP4	0.7856	0.2144	0.7778	0.5545	0.6945
MUT_ci300400a_cdk_ECFP6	0.7341	0.2659	0.7242	0.4473	0.7787
MUT_ci300400a_cdk_ESTATE	0.7542	0.2458	0.7459	0.4914	0.7492
MUT_ci300400a_cdk_EXTENDED	0.7962	0.2038	0.7908	0.5815	0.6777
MUT_ci300400a_cdk_FCFP2	0.8156	0.1844	0.8099	0.6197	0.6405
MUT_ci300400a_cdk_FCFP4	0.7806	0.2194	0.7738	0.5475	0.7058
MUT_ci300400a_cdk_FCFP6	0.7782	0.2218	0.7724	0.5448	0.7096
MUT_ci300400a_cdk_MACCS	0.8321	0.1679	0.8265	0.6525	0.6042
MUT_ci300400a_cdk_PUBCHEM	0.8599	0.1401	0.8551	0.7085	0.5351
MUT_ci300400a_cdk_STANDARD	0.7988	0.2012	0.7924	0.5848	0.6728
MUT_ci300400a_rdkit_descriptors	0.8045	0.1955	0.7995	0.5988	0.6604
myocardial	0.8765	0.0309	0.3099	0.3871	0.2202
naticusdroid	0.9693	0.0307	0.9693	0.9386	0.1845
NCI60	0.3333	0.2222	0.2857	0.2000	0.2350
nci9	0.3333	0.2222	0.3333	0.2000	0.2651
ncRNA	0.9493	0.0053	0.7561	0.8651	0.5042
ncRNA1%	0.9017	0.0103	0.4500	0.7316	0.5494
ncRNA10%	0.9259	0.0078	0.6312	0.8007	0.6352
neo	0.9144	0.0856	0.6901	0.2463	0.3702
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6123	0.3877	0.6110	0.2221	0.9176
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9553	0.0447	0.9453	0.8905	0.2774
NPHA-doctor-visits	0.4306	0.3796	0.3323	-0.0413	0.7818
nursery	0.9992	0.0004	0.9994	0.9989	0.0028
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9919	0.9837	0.0754
Occupancy_Estimation	0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc	0.8614	0.0277	0.8890	0.8408	0.1289
oh10-wc	0.6952	0.0610	0.7027	0.6515	0.2783
oh15-wc	0.7283	0.0543	0.7519	0.6931	0.2647
oh5-wc	0.7143	0.0571	0.7387	0.6778	0.2624
opn310k	0.8950	0.1050	0.6588	0.3158	0.6713
opn310k10%	0.8999	0.1001	0.6702	0.3389	0.6623
opnat310k-hg16-17	0.8994	0.1006	0.6708	0.3390	0.6609
optdigits	0.8879	0.0224	0.8922	0.8754	0.1481
optdigitsZ	0.9947	0.0053	0.9837	0.9674	0.1218
orl	0.7500	0.0125	0.7105	0.7436	0.0438

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
orlraws10P	0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9486	0.0514	0.4868	-0.0224	0.6286
ozone8hr	0.9209	0.0791	0.6719	0.3344	0.6219
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8041	0.1959	0.7835	0.5669	0.6802
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8175	0.1825	0.8200	0.6360	0.6183
p53-mutants	0.9946	0.0054	0.5743	0.1035	0.4401
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.8806	0.8808	0.3207
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.9083	0.0917	0.8870	0.7739	0.4556
particle10%	0.8723	0.1277	0.8436	0.6870	0.5573
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5155	0.4845	0.4966	-0.0067	0.9922
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7680	0.5357	0.6714
pediatric-leukemia	0.6765	0.0924	0.6522	0.6030	0.2275
pendigits	0.9663	0.0067	0.9659	0.9626	0.0573
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
phishing	0.9551	0.0449	0.9530	0.9060	0.2549
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.9058	0.0269	0.8998	0.8899	0.1080
phone-acc1%	0.9897	0.0030	0.9892	0.9879	0.0232
phone-acc10%	0.9982	0.0005	0.9981	0.9979	0.0052
phone-gyr0.1%	0.9325	0.0193	0.9271	0.9211	0.0893
phone-gyr1%	0.9921	0.0023	0.9915	0.9908	0.0176
phoneme	0.8852	0.1148	0.8632	0.7249	0.5225
phy	0.6912	0.3088	0.6922	0.3820	0.8263
pima	0.7237	0.2763	0.7027	0.3824	0.7533
pirvision	0.9935	0.0044	0.9885	0.9792	0.0396
placement	0.7700	0.2300	0.7626	0.5248	0.7228
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.6752	0.0722	0.2848	0.3957	0.3505
poker1%	0.4839	0.1475	0.2664	0.0656	0.6185
poker10%	0.6045	0.0989	0.2355	0.2646	0.5183
polish-1st	0.9815	0.0185	0.8619	0.7141	0.3055
polish-2nd	0.9656	0.0344	0.7207	0.4103	0.4691
polish-3rd	0.9495	0.0505	0.6614	0.3048	0.5723
polish-4th	0.9653	0.0347	0.8047	0.5961	0.4196
polish-5th	0.9492	0.0508	0.7862	0.5679	0.5094
polya	0.6832	0.3168	0.6516	0.3028	0.8565
popularity	0.6018	0.2655	0.4192	0.1820	0.7238
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9777	0.0089	0.9775	0.9721	0.0577
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6777	0.3529	0.8439
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.4242	0.0886	0.3198	0.3469	0.2793
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6418	0.3582	0.6130	0.2239	0.8794
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9851	0.0059	0.9729	0.9801	0.0465
puc-rio10%	0.9698	0.0121	0.9425	0.9595	0.0706
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-1281%	0.4952	0.5048	0.4952	-0.0097	1.0000
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4925	0.5075	0.4925	-0.0150	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9832	0.0168	0.9484	0.8941	0.1404
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
re0-wc	0.7400	0.0400	0.6108	0.6602	0.3748
re1-wc	0.7771	0.0178	0.6551	0.7455	0.1891
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9879	0.0121	0.9878	0.9755	0.0839
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6473	0.3527	0.6407	0.2806	0.8798
RT_IOT2022	0.9982	0.0003	0.9690	0.9955	0.0044
satimage	0.8600	0.0467	0.8421	0.8280	0.2235
satimageF	0.9860	0.0140	0.9647	0.9292	0.2145
satimageT	0.9114	0.0886	0.7611	0.5220	0.6114
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	1.0000	0.0000	1.0000	1.0000	0.0000
schizo	0.4706	0.5294	0.4704	-0.0588	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8910	0.1090	0.5662	0.1322	0.6664
secondary_mushroom	0.9989	0.0011	0.9988	0.9977	0.0123
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9567	0.0124	0.9615	0.9494	0.0550
segmentation	0.8465	0.1535	0.8296	0.6559	0.5735
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-10-gram	0.8504	0.1496	0.5709	0.1119	0.6950
sens-2-gram	0.8421	0.1579	0.5546	0.0938	0.7359
sens-3-gram	0.8000	0.2000	0.5907	0.1805	0.7521
sens-4-gram	0.7816	0.2184	0.5906	0.1769	0.7398
sens-5-gram	0.7789	0.2211	0.5323	0.0645	0.7711
sens-6-gram	0.8105	0.1895	0.5710	0.1418	0.7666
sens-7-gram	0.8237	0.1763	0.5513	0.0984	0.7703
sens-8-gram	0.8342	0.1658	0.6013	0.1999	0.7492
sens-9-gram	0.8342	0.1658	0.5538	0.0986	0.7563
sensorless	0.9887	0.0021	0.9887	0.9876	0.0209
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8816	0.1184	0.7526	0.4983	0.6130
shuttle	0.9993	0.0002	0.9996	0.9981	0.0013
sick	0.9867	0.0133	0.9444	0.8866	0.1604
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9988	0.0012	0.9981	0.9963	0.0160
skin10%	0.9951	0.0049	0.9926	0.9851	0.0581
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smk_can_187	0.3158	0.6842	0.3167	-0.3646	1.0000
smoking	0.7479	0.2521	0.7310	0.4618	0.7659
solar-flare	0.7914	0.0695	0.6382	0.7320	0.1871
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9265	0.0077	0.9333	0.9195	0.0388
spam-detection	0.9560	0.0440	0.8671	0.7340	0.4392
spambase	0.9348	0.0652	0.9316	0.8628	0.3232
spect	0.6667	0.3333	0.5452	0.0899	0.8578
spectf	0.8286	0.1714	0.7900	0.5800	0.6541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectrometer	0.5577	0.0328	0.4858	0.5335	0.1212
splice-EI	0.9558	0.0442	0.9420	0.8839	0.2944
splice-IE	0.9211	0.0789	0.8887	0.7765	0.4203
sport-articles	0.8100	0.1900	0.7934	0.5855	0.6578
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
steel_industry	0.9038	0.0641	0.8792	0.8438	0.2298
steel-b	0.8462	0.1538	0.7769	0.5528	0.6568
steel-d	0.9795	0.0205	0.8564	0.7039	0.4990
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8000	0.2000	0.7878	0.5728	0.6762
steel-p	0.9179	0.0821	0.7119	0.4224	0.6229
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	1.0000	0.0000	1.0000	1.0000	0.0000
stellar	0.9749	0.0167	0.9709	0.9554	0.0933
stock	0.9514	0.0486	0.9167	0.8332	0.3398
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.5400	0.1840	0.3038	0.2608	0.5709
student-weekend	0.3846	0.2462	0.3417	0.1824	0.6791
student-workday	0.6719	0.1313	0.2375	0.1483	0.5791
studentap	0.3846	0.4103	0.3075	0.0545	0.6678
susy	0.7946	0.2054	0.7934	0.5819	0.6609
susy1%	0.7854	0.2146	0.7841	0.5628	0.6773
susy10%	0.7892	0.2108	0.7877	0.5712	0.6736
swarm_aligned	0.9996	0.0004	0.9995	0.9990	0.0035
swarm_flocking	0.9983	0.0017	0.9983	0.9967	0.0167
swarm_grouped	0.9996	0.0004	0.9996	0.9991	0.0038
tae	0.4667	0.3556	0.4820	0.2000	0.6690
texture	0.9382	0.0112	0.9412	0.9318	0.0760
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9368	0.0632	0.9293	0.8586	0.3353
tis	0.8609	0.1391	0.8087	0.6165	0.5981
tis10%	0.8582	0.1418	0.7950	0.5698	0.5446
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5455	0.6364	0.0863
tox_171	0.5294	0.2353	0.5596	0.3790	0.3755
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.8235	0.1765	0.8163	0.6277	0.6246
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.5779	0.1519	0.8533
trec11-wc	0.8049	0.0434	0.7621	0.7595	0.1627
trec12-wc	0.8387	0.0403	0.8880	0.8048	0.1366
trec21-wc	0.6970	0.1212	0.4851	0.3529	0.3947
trec23-wc	0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc	0.9247	0.0251	0.9403	0.9004	0.1332
trec41-wc	0.8750	0.0250	0.6967	0.8474	0.1284
trec45-wc	0.8986	0.0203	0.8130	0.8814	0.0852
tuandromd	0.9821	0.0179	0.9724	0.9448	0.1758
turkish	0.7000	0.1500	0.6937	0.6000	0.3974
tvnews	0.9284	0.0716	0.9224	0.8437	0.3415
tvnews1%	0.8462	0.1538	0.8336	0.6668	0.5835
tvnews10%	0.8566	0.1434	0.8461	0.6922	0.5625
ur3_cobotops_grip	0.9701	0.0299	0.7438	0.4847	0.5301
ur3_cobotops_stop	0.9755	0.0245	0.8150	0.6274	0.4514

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
urban	0.7910	0.0464	0.7987	0.7547	0.1750
ustilago1%	0.9870	0.0130	0.4967	-0.0049	0.5377
ustilago10%	0.9821	0.0179	0.5332	0.0658	0.5655
vehicle	0.7143	0.1429	0.6882	0.6175	0.2940
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.8898	0.1102	0.6599	0.3196	0.6773
wap-wc	0.6731	0.0327	0.5595	0.6334	0.2595
warpar10p	0.7692	0.0462	0.6160	0.7400	0.0585
warppie10p	0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc1%	0.9864	0.0039	0.9860	0.9841	0.0300
watch-acc10%	0.9987	0.0004	0.9987	0.9985	0.0040
watch-gyr1%	0.9869	0.0037	0.9867	0.9847	0.0287
watch-gyr10%	0.9988	0.0003	0.9988	0.9987	0.0037
waveform	0.7420	0.1720	0.7428	0.6130	0.5072
web-phishing	0.8296	0.1136	0.7658	0.6969	0.4487
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9969	0.0012	0.9967	0.9961	0.0102
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9876	0.0124	0.9371	0.8735	0.3108
wine	0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red	0.5786	0.1405	0.2937	0.3296	0.5081
winequality-white	0.5746	0.1418	0.3663	0.3648	0.5989
winnipeg	0.9904	0.0028	0.9870	0.9878	0.0309
winnipeg10%	0.9816	0.0053	0.9853	0.9767	0.0376
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.6875	0.0417	0.5714	0.6639	0.0687
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1	0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.8688	0.0262	0.8578	0.8530	0.1894

Table 264: Detailed results for C5.0(R1)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1511	0.0585	0.0877	0.0739	0.5963
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer	0.9844	0.0156	0.7125	0.3685	0.3803
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.8677	0.1323	0.8081	0.6117	0.5742
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7905	0.2095	0.5065	0.0086	0.7569
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8586	0.0943	0.5304	0.2713	0.5796
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.0583	0.9417	0.0550	0.0000	0.1497
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.0030	0.9970	0.0030	0.0000	0.0086
AID604	0.9962	0.0038	0.5637	0.0519	0.3050
AID604AID644_AllRed	0.9987	0.0013	0.4997	-0.0005	0.5055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.0092	0.9908	0.0091	0.0000	0.0260
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8920	0.1080	0.8483	0.6934	0.5000
air_pollution	0.2300	0.2200	0.1425	-0.0082	0.9055
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.9593	0.0407	0.9587	0.9170	0.2217
alcohol	0.8381	0.0648	0.5260	0.6566	0.3168
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.9535	0.0465	0.9489	0.8970	0.2464
anneal	0.1124	0.3551	0.1626	-0.0656	0.2010
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.9555	0.0223	0.8843	0.9151	0.1592
anuran-genus	0.9513	0.0122	0.8581	0.9192	0.1648
anuran-species	0.9597	0.0081	0.9177	0.9437	0.0815
anxiety	0.1083	0.1981	0.1028	-0.0046	0.8418
apple-quality	0.7975	0.2025	0.7976	0.5950	0.6685
aps-failure	0.9918	0.0082	0.8816	0.7628	0.3555
arabidopsis	0.9889	0.0166	0.5288	0.0575	0.5285
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.0444	0.1470	0.0110	-0.0568	0.2842
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.7826	0.0181	0.3330	0.7500	0.0504
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.2714	0.7286	0.2135	0.0000	0.4603
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.1500	0.2833	0.1709	0.0659	0.3192
avila	0.9880	0.0020	0.9834	0.9844	0.0187
babies	0.3629	0.1820	0.2007	0.0544	0.6002
balance	0.8710	0.0860	0.5994	0.7571	0.2313
bank	0.1126	0.8874	0.1012	0.0000	0.2603
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria	0.8479	0.1521	0.8323	0.6584	0.5572
basehock	0.8844	0.1156	0.8844	0.7688	0.4752
bio	0.9960	0.0040	0.8766	0.7490	0.2959
bio10%	0.9938	0.0062	0.8321	0.6636	0.4637
biodeg	0.3810	0.6190	0.2759	0.0000	0.5189
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9892	0.0007	0.1457	0.4716	0.3288
bitcoin1%	0.9870	0.0009	0.0846	0.2064	0.0786
bitcoin10%	0.9882	0.0008	0.1095	0.3805	0.1664
body-perf	0.7291	0.1354	0.7317	0.6388	0.4259
bookings	0.9910	0.0060	0.8026	0.9808	0.0555
brain-tumor	0.4905	0.5095	0.4899	-0.0197	0.9981
breast-cancer	0.2857	0.7143	0.2222	0.0000	0.4711
breast-cancer-co	0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma	0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue	0.6364	0.1212	0.6525	0.5600	0.2067
bridges	0.0000	0.2857	0.0000	-0.1494	0.3210
bub10at310k-hg16-17	0.9121	0.0879	0.6625	0.2815	0.5700
bub12at310k-hg16-17	0.9108	0.0892	0.6567	0.2715	0.5790
bub8at310k-hg16-17	0.9101	0.0899	0.6876	0.3646	0.6234
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.0345	0.4828	0.1364	-0.1548	0.3302
car-insurance	0.8520	0.1480	0.8265	0.6528	0.5896
card	0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography	0.8263	0.0347	0.7982	0.7915	0.2194
cardiotocography-nsp	0.9249	0.0501	0.8675	0.7987	0.3310
cardiovascular	0.7367	0.2633	0.7378	0.4733	0.7639
cargo2k	0.3477	0.4349	0.2250	0.0061	0.3443
cars	0.8250	0.1167	0.7519	0.6865	0.2934
cas_N6512_cdk_ECFP2	0.7404	0.2596	0.7395	0.4787	0.7650
cas_N6512_rdkit_ATOMPAIR	0.7185	0.2815	0.7170	0.4340	0.7973
cas_N6512_RDkit_AtomPair_FP	0.7086	0.2914	0.7065	0.4129	0.8110
cas_N6512_rdkit_AVALON	0.7588	0.2412	0.7578	0.5155	0.7368
cas_N6512_RDkit_Avalon_FP	0.7653	0.2347	0.7636	0.5271	0.7265
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.7281	0.2719	0.7258	0.4514	0.7838
cas_N6512_RDkit_Featmorgan_FP	0.7270	0.2730	0.7249	0.4497	0.7855
cas_N6512_RDkit_FP	0.7255	0.2745	0.7230	0.4423	0.7799
cas_N6512_rdkit_LAYERED	0.7569	0.2431	0.7548	0.5088	0.7387
cas_N6512_RDkit_Layered_FP	0.7439	0.2561	0.7416	0.4821	0.7587

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.7769	0.2231	0.7751	0.5494	0.7053
cas_N6512_RDkit_morgan_FP	0.7362	0.2638	0.7341	0.4637	0.7620
cas_N6512_rdkit_PATTERN	0.7677	0.2323	0.7666	0.5332	0.7225
cas_N6512_RDkit_pattern_FP	0.7515	0.2485	0.7496	0.4989	0.7485
cas_N6512_rdkit_RDKITFP	0.7189	0.2811	0.7167	0.4331	0.7967
cas_N6512_rdkit_TORSION	0.7169	0.2831	0.7170	0.4332	0.7964
ccds	0.9230	0.0724	0.5800	0.1464	0.6085
ccds1%	0.9588	0.0412	0.4895	-0.0052	0.3718
ccds10%	0.9605	0.0395	0.5795	0.0584	0.3477
cdc_diabetes	0.8473	0.1018	0.4245	0.2147	0.3464
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9521	0.0479	0.7670	0.5135	0.4659
census10%	0.9512	0.0488	0.7419	0.4586	0.4842
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.0698	0.9302	0.0652	0.0000	0.1753
cervical-C	0.0581	0.9419	0.0549	0.0000	0.1495
cervical-H	0.0465	0.9535	0.0444	0.0000	0.1224
cervical-S	0.0930	0.9070	0.0851	0.0000	0.2234
children-anemia	0.9406	0.0297	0.9342	0.9116	0.1387
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9992	0.0008	0.7946	0.5878	0.4445
chrom21	0.9876	0.0019	0.5130	0.0079	0.1401
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8550	0.1450	0.7497	0.4694	0.5797
churn-bigml	0.9625	0.0375	0.9219	0.8396	0.2449
ci900367j_MACCS	0.3789	0.6211	0.2748	0.0000	0.5183
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.6628	0.4797	0.5224
cjs	0.1250	0.2917	0.0919	-0.0433	0.2536
ckd	0.3500	0.6500	0.2593	0.0000	0.5077
clave	0.0722	0.4639	0.1039	-0.2243	0.5192
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5306	0.3129	0.5115	0.2745	0.6867
cnae-9	0.1111	0.1975	0.0725	0.0000	0.2975
codon_usage	0.8250	0.0318	0.6439	0.7874	0.3176
coil20	0.0556	0.0944	0.0308	0.0053	0.2188
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	0.0200	0.1307	0.0267	-0.0529	0.1776
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2	0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3	0.5862	0.4138	0.5635	0.1256	0.9452
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.6552	0.3448	0.6546	0.3062	0.8683
colposcopies-c	0.8621	0.1379	0.8117	0.6234	0.6038
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.8387	0.1075	0.7914	0.7395	0.2576

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5151	0.4918	0.5961	0.0002	0.5259
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%	0.5115	0.4765	0.5271	0.0019	0.5610
connect-4	0.9876	0.0083	0.7483	0.6337	0.1054
cottonmeloidogyne	0.6971	0.3029	0.6983	0.3947	0.8198
coupon	0.4314	0.5686	0.3014	0.0000	0.5291
covid19	0.5501	0.1285	0.2230	0.1993	0.3987
covtype	0.9453	0.0156	0.9166	0.9121	0.1549
covtype10%	0.0725	0.2650	0.1061	-0.1612	0.4089
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.0699	0.9301	0.0653	0.0000	0.1756
crabs	0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans	0.9993	0.0007	0.8860	0.7497	0.0829
creditcard_trans10%	0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced	0.9060	0.0313	0.7964	0.8062	0.3268
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.2812	0.0359	0.1969	0.2647	0.1034
customer-churn	0.9840	0.0160	0.7609	0.4926	0.3903
cybersecurity	0.1733	0.2756	0.1734	0.0073	0.8805
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1044	0.1791	0.1047	0.0048	0.9237
day1%	0.9609	0.0440	0.9470	0.8811	0.2311
dbworld	0.4286	0.5714	0.3000	0.0000	0.5288
default	0.8260	0.1740	0.7114	0.3777	0.6162
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.1170	0.8830	0.1048	0.0000	0.2681
depressed	0.8252	0.1748	0.5711	0.0850	0.6422
dermatology	0.0541	0.3153	0.0741	-0.1059	0.3502
desharnais	0.6250	0.2500	0.4869	0.2258	0.4685
dexter	0.8667	0.1333	0.8675	0.7333	0.5139
df_final	0.6250	0.2500	0.6247	0.4419	0.4835
DIA	0.7500	0.2500	0.6593	0.3182	0.8034
diabetes	0.3846	0.6154	0.2778	0.0000	0.5200
diabetes-100k	0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk	0.9200	0.0800	0.8744	0.7469	0.4365
diabetic	0.5736	0.2842	0.4307	0.1680	0.6120
diabetic1%	0.2745	0.4837	0.2358	0.0301	0.6017
diabetic10%	0.5658	0.2895	0.4250	0.1451	0.6309
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7799	0.0880	0.7790	0.6879	0.3274
dishonest	0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9946	0.0076	0.5297	0.0495	0.4441
dorothea	0.9217	0.0783	0.7647	0.5285	0.5845
dota2	0.5723	0.4277	0.5693	0.1382	0.9518
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.9754	0.0246	0.9736	0.9473	0.1652
dropout	0.7291	0.1806	0.6404	0.5499	0.5243

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.2872	0.2036	0.1567	-0.0068	0.7487
drug-02	0.4043	0.1702	0.1962	0.1337	0.7459
drug-03	0.6223	0.1079	0.1832	0.1455	0.5535
drug-04	0.4415	0.1596	0.2153	0.1126	0.8282
drug-05	0.7074	0.0836	0.1515	0.0294	0.3862
drug-06	0.3404	0.1885	0.2669	0.2021	0.7196
drug-07	0.3564	0.1839	0.1434	-0.0089	0.6264
drug-08	0.4894	0.1459	0.2262	0.1618	0.7304
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.4894	0.1459	0.1815	0.1327	0.7365
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7606	0.0684	0.1423	0.0440	0.4696
drug-13	0.5372	0.1322	0.1604	0.1865	0.6144
drug-14	0.5532	0.1277	0.2898	0.2713	0.6751
drug-15	0.7287	0.0775	0.1653	0.1484	0.5106
drug-16	0.5426	0.1307	0.2545	0.2761	0.5462
drug-17	0.2819	0.2052	0.2153	0.0981	0.8214
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7287	0.0775	0.1754	0.1256	0.5786
drybean	0.9111	0.0254	0.9236	0.8925	0.1437
ecoli	0.8529	0.0368	0.5426	0.7969	0.1316
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2706	0.0268	0.8291
eeg	0.4124	0.0735	0.4168	0.3510	0.7029
eeg-eye	0.8364	0.1636	0.8344	0.6685	0.5917
eeg10%	0.3130	0.0859	0.3142	0.2434	0.7381
email_phishing	0.9886	0.0114	0.7160	0.2712	0.1522
eucalyptus	0.3014	0.2795	0.2257	0.1376	0.4661
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.9649	0.0351	0.9648	0.9297	0.2050
exon.vs.intron-freq10%	0.4731	0.5269	0.3212	0.0000	0.5305
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.8382	0.1618	0.8373	0.6737	0.5841
fbis-wc	0.6829	0.0373	0.5803	0.6401	0.2744
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.9200	0.0267	0.8827	0.8747	0.1604
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.1000	0.2250	0.1042	-0.0315	0.3270
fonts	0.6018	0.0052	0.5936	0.5996	0.3239
fonts10%	0.6131	0.0051	0.3221	0.5958	0.4999
forest	0.8462	0.0769	0.8244	0.7878	0.2282
gas	0.9792	0.0069	0.9789	0.9747	0.0485
gastrointestinal	0.1875	0.5417	0.1429	-0.0505	0.5033
gender	0.6000	0.2667	0.4383	0.1562	0.6291
gene	0.9432	0.0379	0.9349	0.9089	0.1653
german	0.3500	0.6500	0.2593	0.0000	0.5077
gestures	0.8134	0.0933	0.8144	0.7511	0.3337
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.9471	0.0529	0.9472	0.8943	0.2763
glass	0.7619	0.0794	0.7176	0.6656	0.2136
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.6000	0.2000	0.5556	0.4737	0.1226
glioma-grade	0.4167	0.5833	0.2941	0.0000	0.5271
green	0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage	0.1333	0.4333	0.1058	-0.1272	0.7671
gsalc	0.7778	0.0741	0.7358	0.7313	0.1003
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9296	0.0117	0.7595	0.9167	0.0821
har	0.9725	0.0110	0.9706	0.9652	0.0682
har70	0.9256	0.0213	0.6429	0.8894	0.2427
har701%	0.8987	0.0290	0.5400	0.8502	0.1899
har7010%	0.9183	0.0234	0.6065	0.8781	0.2144
harth	0.8833	0.0195	0.6505	0.8413	0.2337
harth1%	0.8523	0.0246	0.5467	0.7986	0.2684
harth10%	0.8688	0.0219	0.6032	0.8214	0.2541
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.7000	0.1500	0.2083	-0.0395	0.6664
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8387	0.1613	0.8466	0.6804	0.5410
heart-c	0.4667	0.5333	0.3182	0.0000	0.5307
heart-failure	0.9760	0.0240	0.9720	0.9437	0.1466
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.8461	0.1550	0.8447	0.6928	0.5748
hepmass1%	0.8439	0.1561	0.8446	0.6879	0.5697
hepmass10%	0.8567	0.1433	0.8572	0.7136	0.5415
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.6523	0.3451	0.6569	0.3188	0.8815
higgs0.1%	0.6618	0.3382	0.6598	0.3194	0.8677
higgs1%	0.6824	0.3176	0.6810	0.3621	0.8438
higgs10%	0.7059	0.2941	0.7046	0.4091	0.8141
higher	0.2143	0.1964	0.2500	0.0610	0.3621
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.1703	0.8297	0.1455	0.0000	0.3518
hiva	0.9598	0.0402	0.4897	-0.0084	0.4680
horse	0.3333	0.4444	0.3132	0.1184	0.4970
hotel-reservartions	0.8933	0.1067	0.8777	0.7548	0.4721
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.9994	0.0004	0.9994	0.9991	0.0036
ht-sensor10%	0.9961	0.0026	0.9963	0.9942	0.0180
htru2	0.9793	0.0207	0.9359	0.8705	0.2253
hypothyroid	0.0000	0.5000	0.0000	-0.0581	0.1928
hypothyroidT	0.0769	0.9231	0.0714	0.0000	0.1906
ilpd	0.6271	0.3729	0.5455	0.0910	0.9108
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.4400	0.5600	0.3056	0.0000	0.5299
isolet	0.8074	0.0148	0.8138	0.7997	0.1644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8163	0.1837	0.6373	0.2179	0.6599
jvowels	0.8976	0.0228	0.8937	0.8840	0.1622
kc1	0.8578	0.1422	0.6618	0.2066	0.4924
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.5714	0.0357	0.0784	0.3538	0.0938
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.5686	0.1079	0.5012	0.4962	0.5031
kddcup98	0.9468	0.0508	0.5279	0.0026	0.2171
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9998	0.0000	0.7110	0.9996	0.0034
kddcup991%	0.9978	0.0002	0.4635	0.9962	0.0216
kddcup9910%	0.9996	0.0000	0.6468	0.9993	0.0017
kepler	0.8713	0.0858	0.8256	0.7873	0.2305
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.3750	0.6250	0.2727	0.0000	0.5170
krkopt	0.8064	0.0215	0.8360	0.7837	0.2361
krvskp	0.4765	0.5235	0.3227	0.0000	0.5304
la1s-wc	0.7619	0.0794	0.7330	0.6970	0.3645
la2s-wc	0.7616	0.0795	0.7380	0.6984	0.3440
labor	0.6667	0.3333	0.4000	0.0000	0.4644
leaf	0.7059	0.0147	0.3821	0.6909	0.0648
led24	0.0500	0.1900	0.0333	-0.0526	0.3558
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8880	0.0086	0.8879	0.8835	0.1307
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.4286	0.5714	0.3000	0.0000	0.5288
libra	0.8889	0.0148	0.9106	0.8806	0.0504
linkage	0.9998	0.0002	0.9895	0.9787	0.0040
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9999	0.0001	0.9916	0.9831	0.0217
liver	0.5882	0.4118	0.5514	0.1019	0.9203
loan	0.9859	0.0141	0.9850	0.9700	0.0987
localization	0.7341	0.0483	0.5146	0.6647	0.4931
localization10%	0.0649	0.1700	0.1078	0.0095	0.5032
lrs	0.7925	0.0415	0.4123	0.7131	0.1604
lung	0.9524	0.0190	0.7652	0.9091	0.0221
lung_discrete	0.1250	0.2500	0.0571	-0.0370	0.1843
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.8500	0.0600	0.8438	0.7087	0.2985
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.0000	0.5000	0.0000	-0.2174	0.3899
lymphoma2	0.2222	0.1728	0.1481	0.1250	0.1484
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.7846	0.2154	0.7868	0.5692	0.6791
magic04	0.8611	0.1389	0.8450	0.6872	0.5403
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.5312	0.4688	0.3469	0.0000	0.5228
marketing	0.8750	0.1250	0.7057	0.3777	0.5980
maternal	0.7822	0.1452	0.7877	0.6697	0.4401
math	0.8250	0.0875	0.7817	0.7371	0.2882
mba	0.8323	0.1118	0.3922	0.1189	0.3512
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2400	0.3040	0.2406	0.0496	0.8440

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6000	0.4000	0.6214	0.2255	0.8659
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.7875	0.7702	0.2056
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.8950	0.0210	0.8980	0.8833	0.1169
mfeat-fou	0.7650	0.0470	0.7630	0.7389	0.2101
mfeat-kar	0.8100	0.0380	0.8121	0.7889	0.2083
mfeat-mor	0.7050	0.0590	0.7021	0.6722	0.2108
mfeat-pix	0.0900	0.1820	0.0590	-0.0111	0.3393
mfeat-zer	0.7300	0.0540	0.7298	0.7000	0.2284
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5671	0.4820	0.4258
mobile	0.6783	0.0115	0.6857	0.6725	0.1484
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8852	0.1148	0.8770	0.7240	0.2925
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
music	0.4500	0.1000	0.4939	0.3468	0.6003
musk	0.9621	0.0379	0.9262	0.8521	0.3001
MUT_ci300400a_cdk_ECFP2	0.7782	0.2218	0.7722	0.5444	0.7097
MUT_ci300400a_cdk_ECFP4	0.7749	0.2251	0.7673	0.5342	0.7153
MUT_ci300400a_cdk_ECFP6	0.7413	0.2587	0.7305	0.4574	0.7626
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.8094	0.1906	0.8036	0.6072	0.6528
MUT_ci300400a_cdk_FCFP2	0.7952	0.2048	0.7885	0.5768	0.6793
MUT_ci300400a_cdk_FCFP4	0.7662	0.2338	0.7590	0.5178	0.7301
MUT_ci300400a_cdk_FCFP6	0.7662	0.2338	0.7568	0.5106	0.7237
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.8287	0.1713	0.8237	0.6473	0.6137
MUT_ci300400a_cdk_STANDARD	0.7784	0.2216	0.7709	0.5414	0.7090
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.0471	0.2382	0.2701	0.0343	0.1630
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.3333	0.2222	0.2857	0.2000	0.2350
nci9	0.0000	0.2222	0.0000	-0.1613	0.2241
ncRNA	0.9493	0.0053	0.7561	0.8651	0.5042
ncRNA1%	0.9017	0.0103	0.4500	0.7316	0.5494
ncRNA10%	0.9259	0.0078	0.6312	0.8007	0.6352
neo	0.9136	0.0864	0.6851	0.2424	0.3880
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.7279	0.0124	0.7245	0.7190	0.2195
newspop	0.6440	0.3560	0.6418	0.2834	0.8871
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9533	0.0467	0.9427	0.8854	0.2847
NPHA-doctor-visits	0.4444	0.3704	0.3545	-0.0304	0.7039
nursery	0.3117	0.2753	0.1308	0.1307	0.1328
obesity	0.9289	0.0203	0.9294	0.9169	0.0931
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9919	0.9837	0.0754
Occupancy_Estimation	0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc	0.0693	0.1861	0.0754	-0.0454	0.3188
oh10-wc	0.1238	0.1752	0.0985	0.0190	0.4388
oh15-wc	0.1304	0.1739	0.0923	0.0389	0.3735
oh5-wc	0.0879	0.1824	0.0984	-0.0085	0.4257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.7025	0.0595	0.6861	0.6673	0.3873
olive	0.9298	0.0156	0.9215	0.9118	0.0463
opn310k	0.9132	0.0868	0.6922	0.3687	0.6050
opn310k10%	0.9056	0.0944	0.6415	0.2619	0.6343
opnat310k-hg16-17	0.9126	0.0874	0.6883	0.3595	0.6052
optdigits	0.0925	0.1815	0.0589	-0.0102	0.3471
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.7500	0.0125	0.7105	0.7436	0.0438
orlraws10P	0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr	0.8972	0.1028	0.5444	0.0828	0.6928
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants	0.9952	0.0048	0.6856	0.3457	0.4550
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9762	0.0095	0.8799	0.8698	0.3370
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.9242	0.0758	0.9192	0.8381	0.3654
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.9096	0.0904	0.8886	0.7771	0.4515
particle10%	0.8938	0.1062	0.8677	0.7354	0.4948
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5464	0.4536	0.3533	-0.0712	0.8005
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7826	0.5636	0.6400
pediatric-leukemia	0.1176	0.2521	0.0440	-0.0980	0.4356
pendigits	0.9700	0.0060	0.9694	0.9666	0.0513
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7843	0.2157	0.7643	0.5180	0.6819
personalities	0.6592	0.0426	0.6595	0.6364	0.4366
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.3918	0.6082	0.2815	0.0000	0.5219
PhiUSIIL	0.9997	0.0003	0.9997	0.9995	0.0027
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.9996	0.0001	0.9996	0.9995	0.0014
phone-acc0.1%	0.2037	0.2275	0.1701	0.0719	0.3339
phone-acc1%	0.1538	0.2418	0.1146	0.0127	0.2694
phone-acc10%	0.9955	0.0013	0.9952	0.9947	0.0105
phone-gyr	0.9989	0.0003	0.9988	0.9988	0.0028
phone-gyr0.1%	0.1795	0.2344	0.1492	0.0437	0.3186
phone-gyr1%	0.1558	0.2412	0.1216	0.0161	0.2718
phone-gyr10%	0.9886	0.0032	0.9873	0.9867	0.0189
phoneme	0.8889	0.1111	0.8683	0.7348	0.5120
phy	0.4972	0.5028	0.3321	0.0000	0.5287
pima	0.7500	0.2500	0.7346	0.4676	0.7578
pirvision	0.9935	0.0044	0.9885	0.9792	0.0396
placement	0.7650	0.2350	0.7568	0.5124	0.7295
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.6791	0.0642	0.2553	0.4027	0.3328
poker1%	0.2878	0.1424	0.0809	0.0053	0.4689
poker10%	0.2396	0.1521	0.0714	-0.0562	0.6381
polish-1st	0.9815	0.0185	0.8619	0.7141	0.3055
polish-2nd	0.9715	0.0285	0.7707	0.4421	0.1949
polish-3rd	0.9486	0.0514	0.6512	0.2832	0.5766

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9643	0.0357	0.8000	0.5886	0.4375
polish-5th	0.9526	0.0474	0.8007	0.5967	0.4868
polya	0.7470	0.2530	0.7183	0.4344	0.7711
popularity	0.6474	0.2351	0.4350	0.2156	0.6035
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9790	0.0084	0.9788	0.9737	0.0550
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6635	0.3235	0.8580
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.0606	0.0854	0.0364	0.0340	0.2535
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9848	0.0061	0.9723	0.9796	0.0470
puc-rio10%	0.9680	0.0128	0.9395	0.9571	0.0771
pufs-128	0.4936	0.4980	0.4964	-0.0016	1.0000
pufs-1281%	0.4967	0.5033	0.4966	-0.0067	0.9981
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.5005	0.0010	0.9886
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9832	0.0168	0.9484	0.8941	0.1404
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv1	0.2297	0.0233	0.0166	0.0126	0.3127
rcv11%	0.6202	0.0144	0.2952	0.5706	0.3746
rcv110%	0.7513	0.0094	0.4345	0.7140	0.3528
re0-wc	0.7600	0.0369	0.6692	0.6865	0.3255
re1-wc	0.7831	0.0173	0.6688	0.7535	0.1938
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8313	0.0052	0.4019	0.7695	0.2685
rice	0.9879	0.0121	0.9878	0.9755	0.0839
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.9977	0.0004	0.9676	0.9943	0.0099
satimage	0.8709	0.0430	0.8478	0.8403	0.1907
satimageF	0.9876	0.0124	0.9679	0.9359	0.1750
satimageT	0.9331	0.0669	0.7966	0.5837	0.4942
scadi	0.0000	0.2857	0.0000	-0.1667	0.3455
schiller	0.7778	0.2222	0.8000	0.5263	0.5283
schizo	0.4706	0.5294	0.4704	-0.0588	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9038	0.0962	0.5799	0.1595	0.6726
secondary_mushroom	0.9997	0.0003	0.9997	0.9993	0.0042
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9567	0.0124	0.9615	0.9494	0.0550
segmentation	0.8366	0.1634	0.8266	0.6515	0.6063
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.0659	0.9341	0.0618	0.0000	0.1669
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8552	0.1455	0.5682	0.1164	0.6827
sens-2-gram	0.8737	0.1263	0.6333	0.1180	0.4289
sens-3-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-4-gram	0.8684	0.1316	0.6127	0.1503	0.5774
sens-5-gram	0.8579	0.1421	0.5509	0.0587	0.6232
sens-6-gram	0.8436	0.1504	0.5915	0.1507	0.7244

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8227	0.1781	0.5681	0.1323	0.7649
sens-8-gram	0.8373	0.1623	0.5845	0.1450	0.7430
sens-9-gram	0.8862	0.1179	0.6669	0.2263	0.4622
sensorless	0.9889	0.0020	0.9889	0.9878	0.0208
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.1541	0.8459	0.1335	0.0000	0.3285
shuttle	0.9993	0.0002	0.9996	0.9981	0.0013
sick	0.9867	0.0133	0.9442	0.8819	0.0504
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9988	0.0012	0.9981	0.9963	0.0160
skin10%	0.9951	0.0049	0.9926	0.9851	0.0581
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2200	0.3900	0.2223	-0.0439	0.8449
smk_can_187	0.5789	0.4211	0.5843	0.1648	0.9308
smoking	0.7477	0.2523	0.7302	0.4603	0.7668
soil_pollution	0.2433	0.3027	0.2450	0.0543	0.8440
solar-flare	0.0432	0.3189	0.0776	-0.1549	0.4313
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.1176	0.0929	0.0506	0.0290	0.2073
spam-detection	0.9560	0.0440	0.8671	0.7340	0.4392
spambase	0.6043	0.3957	0.3767	0.0000	0.4981
spect	0.2222	0.7778	0.1818	0.0000	0.4150
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.5849	0.0173	0.2788	0.5620	0.0980
splice-EI	0.9653	0.0347	0.9547	0.9092	0.2535
splice-IE	0.9338	0.0662	0.9079	0.8158	0.3854
sport-articles	0.7700	0.2300	0.7548	0.5094	0.7316
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.2160	0.5226	0.2061	-0.0354	0.3810
steel-b	0.8154	0.1846	0.7220	0.4441	0.7196
steel-d	0.9692	0.0308	0.7421	0.4841	0.5554
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8051	0.1949	0.7828	0.5650	0.6754
steel-p	0.9333	0.0667	0.7373	0.4474	0.5093
steel-s	0.9949	0.0051	0.9665	0.9307	0.0228
steel-z	0.9949	0.0051	0.9853	0.9701	0.0240
stellar	0.9725	0.0183	0.9685	0.9512	0.1076
stock	0.9514	0.0486	0.9192	0.8381	0.3617
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9980	0.0020	0.9980	0.9960	0.0165
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.8272	0.1728	0.8206	0.6381	0.6057
student-habits	0.3100	0.2760	0.2583	0.0276	0.7891
student-weekend	0.1692	0.3323	0.1833	0.0193	0.6955
student-workday	0.0625	0.3750	0.0242	-0.1182	0.5024
studentap	0.1538	0.5641	0.0889	-0.1172	0.5905
susy	0.7948	0.2052	0.7936	0.5821	0.6603
susy1%	0.7848	0.2152	0.7836	0.5613	0.6764
susy10%	0.7904	0.2096	0.7891	0.5732	0.6687
swarm_aligned	0.9996	0.0004	0.9995	0.9990	0.0035
swarm_flocking	0.9963	0.0037	0.9963	0.9925	0.0320
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn	0.8750	0.1250	0.8355	0.6694	0.5462
texture	0.9382	0.0112	0.9412	0.9318	0.0760

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.1489	0.8511	0.1296	0.0000	0.3207
thrombin	0.9686	0.0314	0.4920	-0.0142	0.5981
Thyroid_Diff	0.2895	0.7105	0.2245	0.0000	0.4738
tic-tac-toe	0.9368	0.0632	0.9293	0.8586	0.3353
tis	0.8960	0.1040	0.8553	0.7070	0.4816
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.6773	0.3227	0.4038	0.0000	0.4575
tourist	0.1250	0.2917	0.1667	0.0000	0.3084
tox_171	0.5294	0.2353	0.5596	0.3790	0.3755
toxicity	0.7059	0.2941	0.6540	0.2735	0.7752
toxicity-13f	0.8235	0.1765	0.8163	0.6277	0.6246
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.5779	0.1519	0.8533
trec11-wc	0.0244	0.2168	0.0159	-0.0992	0.3462
trec12-wc	0.1613	0.2097	0.0896	0.0473	0.2943
trec21-wc	0.0000	0.3333	0.0000	-0.0421	0.3113
trec23-wc	0.0952	0.3016	0.1333	-0.0726	0.1988
trec31-wc	0.9140	0.0246	0.7947	0.8861	0.1285
trec41-wc	0.9205	0.0159	0.7578	0.9028	0.0915
trec45-wc	0.9130	0.0174	0.8297	0.8984	0.0735
tuandromd	0.2018	0.7982	0.1679	0.0000	0.3921
turkish	0.7000	0.1500	0.6937	0.6000	0.3974
tvnews	0.9257	0.0743	0.9194	0.8376	0.3490
tvnews1%	0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9782	0.0218	0.7936	0.5202	0.2184
ur3_cobotops_stop	0.9660	0.0340	0.6938	0.3441	0.4660
urban	0.7910	0.0464	0.7987	0.7547	0.1750
urinalysis	0.9510	0.0490	0.7039	0.3436	0.4349
url-rep1%	0.9653	0.0423	0.9359	0.9189	0.2552
ustilago	0.9758	0.0253	0.5432	0.0876	0.4721
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.6905	0.1548	0.6757	0.5883	0.3032
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.4040	0.1084	0.4208	0.3444	0.3779
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9025	0.0975	0.6708	0.3362	0.6522
wap-wc	0.7051	0.0295	0.5431	0.6699	0.2079
warpar10p	0.7692	0.0462	0.6160	0.7400	0.0585
warppie10p	0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc	0.9998	0.0001	0.9998	0.9998	0.0008
watch-acc1%	0.1858	0.2326	0.1114	0.0412	0.2603
watch-acc10%	0.9984	0.0005	0.9984	0.9981	0.0049
watch-gyr	0.9998	0.0001	0.9997	0.9997	0.0009
watch-gyr1%	0.1672	0.2379	0.1058	0.0235	0.2618
watch-gyr10%	0.9986	0.0004	0.9985	0.9983	0.0044
water_pollution	0.2100	0.3950	0.2097	-0.0535	0.8887
waveform	0.7500	0.1667	0.7501	0.6251	0.4961
weather-related	0.9731	0.0049	0.9730	0.9695	0.0427
web-phishing	0.8370	0.1086	0.7908	0.7114	0.4301
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9916	0.0034	0.9911	0.9894	0.0260
white-clover	0.3333	0.3333	0.1667	0.1429	0.1703
wifi-loc	0.9750	0.0125	0.9750	0.9667	0.0511

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9814	0.0186	0.8995	0.7987	0.3434
wine	0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red	0.5975	0.1342	0.2993	0.3580	0.5168
winequality-white	0.5624	0.1250	0.3192	0.3434	0.5626
winnipeg	0.9908	0.0026	0.9891	0.9884	0.0289
winnipeg10%	0.9819	0.0052	0.9803	0.9771	0.0422
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.6875	0.0417	0.5714	0.6639	0.0687
yeast	0.5743	0.0851	0.5224	0.4589	0.4595
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1	0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.8914	0.0217	0.8817	0.8782	0.1605

Table 265: Detailed results for C5.0(R2)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1759	0.0785	0.1128	0.0929	0.5483
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9837	0.0163	0.6887	0.2915	0.3455
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9848	0.0152	0.9679	0.9338	0.0600
adult	0.8679	0.1321	0.8081	0.6112	0.5720
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8889	0.1111	0.7333	0.3010	0.2451
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.6098	0.2105	0.8520
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.9108	0.0892	0.8750	0.7321	0.3404
air_pollution	0.3800	0.1771	0.1754	0.0225	0.6525
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.9048	0.0381	0.7961	0.7897	0.1746
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.9535	0.0465	0.9489	0.8970	0.2464
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9861	0.0070	0.9509	0.9734	0.0355
anuran-genus	0.9833	0.0042	0.9488	0.9726	0.0820
anuran-species	0.9861	0.0028	0.9770	0.9807	0.0238
anxiety	0.1167	0.1963	0.1072	0.0052	0.8221
apple-quality	0.8900	0.1100	0.8902	0.7800	0.4586
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.8000	0.0400	0.6919	0.6908	0.2352
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.9545	0.0083	0.9658	0.9472	0.0278
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9064	0.8667	0.0861
avila	0.9986	0.0002	0.9965	0.9981	0.0074
babies	0.4597	0.1544	0.1533	0.1484	0.4133
balance	0.8710	0.0860	0.6106	0.7627	0.3092
bank	0.1126	0.8874	0.1012	0.0000	0.2603
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8841	0.7673	0.4565
basehock	0.9397	0.0603	0.9401	0.8794	0.2991
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9952	0.0048	0.8502	0.6933	0.3223
biodeg	0.9048	0.0952	0.8990	0.7981	0.4308
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9865	0.0024	0.2066	0.1604	0.2012
body-perf	0.7634	0.1183	0.7659	0.6846	0.3709
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7914	0.6733	0.1625
bridges	0.8000	0.0667	0.6525	0.6970	0.0841
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9943	0.0029	0.9788	0.9876	0.0082
car-insurance	0.8520	0.1480	0.8265	0.6528	0.5896
card	0.9130	0.0870	0.9108	0.8216	0.3987
cardiotocography	0.8732	0.0254	0.8755	0.8485	0.1621
cardiotocography-nsp	0.9577	0.0282	0.9141	0.8799	0.1413
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.9000	0.0667	0.8835	0.8210	0.2076
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.7400	0.2600	0.7376	0.4738	0.7636
cas_N6512_RDkit_AtomPair_FP	0.7669	0.2331	0.7649	0.5283	0.7206
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7938	0.2062	0.7930	0.5858	0.6768
cas_N6512_rdkit_FEATMORGAN	0.7650	0.2350	0.7634	0.5267	0.7274
cas_N6512_RDkit_Featmorgan_FP	0.7699	0.2301	0.7681	0.5341	0.7138
cas_N6512_RDkit_FP	0.7868	0.2132	0.7852	0.5702	0.6894
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7942	0.2058	0.7930	0.5819	0.6640
cas_N6512_RDkit_MACCS_FP	0.7837	0.2163	0.7826	0.5652	0.6952
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.7987	0.5967	0.6575
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9995	0.0005	0.8653	0.7270	0.3167
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8610	0.1390	0.7615	0.4935	0.5601
churn-bigml	0.9700	0.0300	0.9383	0.8687	0.1010
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.4812	0.4085	0.4137
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8398	0.0801	0.7193	0.7474	0.3298
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5850	0.2766	0.5641	0.3448	0.6536
cnae-9	0.9444	0.0123	0.9478	0.9375	0.0604
codon_usage	0.9263	0.0134	0.7924	0.9103	0.1085
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9236	0.8433	0.3725
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.6821	0.3591	0.8058
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5	0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6	0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c	0.8276	0.1724	0.7539	0.5051	0.6759
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8387	0.1075	0.7914	0.7395	0.2576
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7500	0.2500	0.7530	0.5006	0.7349
coupon	0.7429	0.2571	0.7353	0.4670	0.7578

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.9052	0.0271	0.8276	0.8464	0.2274
covtypeCD	0.9930	0.0070	0.9853	0.9705	0.0982
covtypeT	0.9878	0.0122	0.9528	0.9056	0.2178
crabs	0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced	0.9502	0.0166	0.8771	0.8978	0.1850
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.6250	0.0187	0.4737	0.6145	0.0416
customer-churn	0.9840	0.0160	0.7609	0.4926	0.3903
cybersecurity	0.1833	0.2722	0.1747	0.0178	0.8610
cyclopentane	0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands	0.8519	0.1481	0.8485	0.6971	0.5615
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8260	0.1740	0.7114	0.3777	0.6162
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9098	0.0902	0.7559	0.5011	0.5662
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.3667	0.0588	0.6762
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.6247	0.4419	0.4835
DIA	0.8333	0.1667	0.7575	0.4872	0.5975
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5686	0.2876	0.3682	0.1461	0.5613
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7894	0.0842	0.7939	0.7020	0.3101
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.7083	0.2917	0.7010	0.3538	0.7076
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5379	0.4621	0.5295	0.0550	0.9566
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7720	0.1520	0.6910	0.6204	0.4532
drug-01	0.3511	0.1854	0.1748	0.0309	0.5914
drug-02	0.5213	0.1368	0.2368	0.0685	0.4355
drug-03	0.6809	0.0912	0.2264	0.2080	0.5772
drug-04	0.4415	0.1596	0.2153	0.1126	0.8282
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3883	0.1748	0.2820	0.2505	0.6760
drug-07	0.3936	0.1733	0.1449	-0.0017	0.4500
drug-08	0.5532	0.1277	0.1495	0.0691	0.3866
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5638	0.1246	0.2199	0.1678	0.4677

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7819	0.0623	0.1254	-0.0138	0.2921
drug-13	0.5904	0.1170	0.1411	0.0734	0.2944
drug-14	0.5691	0.1231	0.2738	0.2898	0.6094
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5426	0.1307	0.2545	0.2761	0.5462
drug-17	0.2979	0.2006	0.1876	0.0711	0.7975
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9251	0.0214	0.9405	0.9095	0.1228
ecoli	0.8529	0.0490	0.7121	0.7957	0.1665
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2704	0.0265	0.8469
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.9279	0.0721	0.9271	0.8542	0.3471
eeg10%	0.4095	0.0738	0.4037	0.3468	0.6098
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6438	0.1425	0.6119	0.5420	0.4157
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9637	0.0363	0.9637	0.9270	0.2037
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.8008	0.0234	0.7279	0.7724	0.1241
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9038	0.0481	0.8926	0.8672	0.1099
gas	0.9950	0.0017	0.9952	0.9939	0.0125
gastrointestinal	0.9375	0.0417	0.9513	0.9006	0.1278
gender	0.6063	0.2625	0.5040	0.1240	0.4852
gene	0.9432	0.0379	0.9376	0.9091	0.1800
german	0.7200	0.2800	0.6759	0.3412	0.8016
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9539	0.0461	0.9540	0.9078	0.2489
glass	0.7143	0.0952	0.7012	0.6062	0.2009
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP	0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers	0.9091	0.0909	0.7250	0.4500	0.6330
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.9000	0.1000	0.9010	0.7826	0.4011
grub-damage	0.2667	0.3667	0.2096	-0.0123	0.5458
gsalc	0.6667	0.1111	0.6933	0.6029	0.1505
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har	0.9980	0.0008	0.9979	0.9974	0.0058
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.9235	0.0219	0.5757	0.8864	0.1289
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.8709	0.0215	0.6007	0.8238	0.2215
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.7647	0.2353	0.7571	0.5143	0.7332
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack	0.9032	0.0968	0.9038	0.8058	0.4189
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9880	0.0120	0.9861	0.9720	0.0782
heart-quantum	0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8537	0.1463	0.8537	0.7074	0.5519
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6764	0.3236	0.6740	0.3461	0.8479
higgs1%	0.7177	0.2823	0.7169	0.4338	0.7978
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.1429	0.2143	0.0951	-0.0307	0.3902
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9191	0.0809	0.8517	0.7019	0.4790
hiva	0.9574	0.0426	0.5545	0.0838	0.5641
horse	0.6944	0.2037	0.6984	0.4923	0.5159
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.9995	0.0004	0.9995	0.9992	0.0032
htru2	0.9788	0.0212	0.9347	0.8689	0.2505
hypothyroid	0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT	0.9973	0.0027	0.9906	0.9810	0.0136
ilpd	0.7288	0.2712	0.6188	0.1986	0.7697
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9063	0.0072	0.9120	0.9025	0.0739
jm1	0.8062	0.1938	0.6233	0.2144	0.7234
jvowels	0.9799	0.0045	0.9796	0.9772	0.0342
kc1	0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.5782	0.1357	0.7892
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.0020	0.1535	0.0003	0.0000	0.2182
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kepler	0.8860	0.0760	0.8457	0.8123	0.2192
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.9041	0.0107	0.9050	0.8929	0.1350
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.4706	0.0265	0.2686	0.4511	0.0741
led24	0.6500	0.0700	0.6316	0.6067	0.1578
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9560	0.0034	0.9561	0.9542	0.0505
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8333	0.0222	0.8449	0.8212	0.0534
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6471	0.3529	0.5968	0.1937	0.8945
loan	0.9930	0.0070	0.9926	0.9850	0.0419
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.6826	0.0577	0.4415	0.5959	0.5111
lrs	0.8679	0.0377	0.8209	0.8158	0.1169
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	0.7500	0.1000	0.6650	0.6800	0.1214
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0952	0.5959	0.7255	0.2275
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.8346	0.1654	0.8363	0.6692	0.5824
magic04	0.8743	0.1257	0.8600	0.7177	0.5078
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8430	0.6859	0.5749
marketing	0.8929	0.1071	0.7531	0.4666	0.5083
maternal	0.8020	0.1320	0.8067	0.6984	0.4044
math	0.8000	0.1000	0.7362	0.6958	0.3229
mba	0.8355	0.1097	0.3901	0.0932	0.3222
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2233	0.3107	0.2261	0.0276	0.8529
messidor	0.6087	0.3913	0.6287	0.2406	0.8617
meter-A	0.7500	0.2500	0.7333	0.4667	0.7630
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9600	0.0080	0.9615	0.9556	0.0472
mfeat-fou	0.7750	0.0450	0.7740	0.7500	0.1831
mfeat-kar	0.9650	0.0070	0.9667	0.9611	0.0441
mfeat-mor	0.7400	0.0520	0.7486	0.7111	0.1729
mfeat-pix	0.9550	0.0090	0.9557	0.9500	0.0541
mfeat-zer	0.7800	0.0440	0.7818	0.7556	0.1415
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5726	0.4843	0.4202
mobile	0.8811	0.0042	0.8919	0.8790	0.0529
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-2	1.0000	0.0000	1.0000	1.0000	0.0000
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5050	0.0900	0.5401	0.4141	0.5285
musk	0.9848	0.0152	0.9707	0.9396	0.0605
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7674	0.2326	0.7589	0.5169	0.7266
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.8201	0.1799	0.8145	0.6290	0.6310
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.8347	0.1653	0.8290	0.6569	0.5967
MUT_ci300400a_rdkit_descriptors	0.8609	0.1391	0.8580	0.7159	0.5403
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9744	0.0256	0.9744	0.9489	0.1607
NCI60	0.3333	0.2222	0.3333	0.2000	0.2322
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.9140	0.0091	0.5432	0.7601	0.5372
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9149	0.0851	0.6931	0.2540	0.3688
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6695	0.3305	0.6668	0.3318	0.8561
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9701	0.0299	0.9633	0.9266	0.2042
NPHA-doctor-visits	0.4444	0.3704	0.3567	-0.0526	0.6389
nursery	1.0000	0.0000	1.0000	1.0000	0.0000
obesity	0.9716	0.0081	0.9720	0.9668	0.0464
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9919	0.9837	0.0754
Occupancy_Estimation	0.9941	0.0030	0.9784	0.9819	0.0130
oh0-wc	0.8911	0.0218	0.9050	0.8753	0.1013
oh10-wc	0.7905	0.0419	0.7943	0.7614	0.1868
oh15-wc	0.8478	0.0304	0.8505	0.8274	0.1485
oh5-wc	0.8132	0.0374	0.8289	0.7883	0.1407
olive	0.9474	0.0117	0.9451	0.9339	0.0357
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9275	0.0725	0.7315	0.4299	0.5091
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9573	0.0085	0.9593	0.9525	0.0591
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9328	0.0672	0.6875	0.2946	0.4475
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8608	0.1392	0.8421	0.6818	0.5469
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8884	0.7769	0.4642
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9744	0.0102	0.9088	0.8560	0.2060
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.9431	0.0569	0.9394	0.8780	0.2876

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.9354	0.0646	0.9203	0.8405	0.3622
pasture	0.7500	0.1667	0.5714	0.6000	0.1321
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.5464	0.4536	0.3533	-0.0712	0.8005
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia	0.8235	0.0504	0.8543	0.7839	0.1446
pendigits	0.9918	0.0016	0.9918	0.9909	0.0143
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
persistency	0.8222	0.1778	0.8077	0.6133	0.6283
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9400	0.0600	0.9319	0.8600	0.2695
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.9112	0.0254	0.9055	0.8962	0.1041
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.9253	0.0213	0.9185	0.9127	0.0948
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.9148	0.0852	0.8944	0.7886	0.4268
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7105	0.2895	0.6874	0.3489	0.7670
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7960	0.2040	0.7888	0.5751	0.6709
plant-growth	0.7368	0.2632	0.7449	0.4633	0.6993
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4839	0.1475	0.1420	0.0326	0.3731
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.6422	0.2148	0.4566
polish-2nd	0.9695	0.0305	0.7486	0.4036	0.2676
polish-3rd	0.9495	0.0505	0.5401	0.0279	0.4040
polish-4th	0.9612	0.0388	0.7652	0.4562	0.2977
polish-5th	0.9577	0.0423	0.8105	0.5830	0.3206
polya	0.7870	0.2130	0.7661	0.5319	0.7068
popularity	0.6840	0.2107	0.4345	0.2718	0.4534
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6768	0.3529	0.8487
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.4242	0.0886	0.3314	0.3563	0.2952
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6866	0.3134	0.6177	0.2265	0.8575
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE	0.7273	0.2727	0.7333	0.4590	0.7617
puc-rio	0.9964	0.0014	0.9935	0.9951	0.0133
puc-rio10%	0.9873	0.0051	0.9732	0.9830	0.0313
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-641%	0.5004	0.4996	0.5005	0.0010	0.9886
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.8200	0.0277	0.7965	0.7661	0.2287
re1-wc	0.8253	0.0140	0.6786	0.8006	0.1411
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9852	0.0148	0.9850	0.9700	0.1013
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6589	0.3411	0.6329	0.2386	0.8264
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.9020	0.0327	0.8897	0.8789	0.1566
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9440	0.0560	0.8346	0.6644	0.4505
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5294	0.4706	0.5315	0.0588	0.9560
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9610	0.0111	0.9655	0.9544	0.0511
segmentation	0.8614	0.1386	0.8489	0.6979	0.5539
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8583	0.1417	0.5882	0.1288	0.6474
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8816	0.1184	0.6717	0.2255	0.4575
sens-4-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sens-5-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sens-6-gram	0.8684	0.1316	0.6013	0.1055	0.5237
sens-7-gram	0.8632	0.1368	0.5688	0.0697	0.5660
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9019	0.0981	0.7975	0.5891	0.5456
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9867	0.0133	0.9442	0.8819	0.0504
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9996	0.0004	0.9994	0.9989	0.0074
skin10%	0.9992	0.0008	0.9988	0.9975	0.0129
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2200	0.3900	0.1926	-0.0506	0.8168
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2000	0.3200	0.1999	-0.0004	0.8745
solar-flare	0.7410	0.0863	0.6087	0.6665	0.1928
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.9559	0.0046	0.9674	0.9516	0.0223
spam-detection	0.9560	0.0440	0.8671	0.7340	0.4392
spambase	0.9435	0.0565	0.9409	0.8818	0.2984
spect	0.7778	0.2222	0.6403	0.2703	0.7789

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectf	0.9429	0.0571	0.9304	0.8511	0.1808
spectrometer	0.6346	0.0271	0.5239	0.6133	0.1105
splice-EI	0.9716	0.0284	0.9642	0.9269	0.2290
splice-IE	0.9621	0.0379	0.9481	0.8962	0.2729
sport-articles	0.8600	0.1400	0.8498	0.6997	0.5535
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9147	0.0569	0.8919	0.8614	0.2087
steel-b	0.8974	0.1026	0.8356	0.6608	0.4751
steel-d	0.9949	0.0051	0.9553	0.9065	0.0226
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.8103	0.1897	0.7880	0.5750	0.6644
steel-p	0.9385	0.0615	0.7734	0.5390	0.5226
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9949	0.0051	0.9860	0.9715	0.1355
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9861	0.0139	0.9765	0.9531	0.1430
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9980	0.0020	0.9980	0.9960	0.0165
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.6150	0.1540	0.3459	0.3884	0.4465
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3000	0.2800	0.1932	-0.0484	0.7593
student-weekend	0.3385	0.2646	0.2883	0.1053	0.7302
student-workday	0.7188	0.1125	0.2667	0.1955	0.4231
studentap	0.6154	0.2564	0.6166	0.4091	0.5333
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.8006	0.1994	0.7989	0.5951	0.6563
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.9091	0.0909	0.8824	0.7646	0.4535
texture	0.9855	0.0026	0.9860	0.9840	0.0223
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8955	0.1045	0.8593	0.7186	0.5114
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.8289	0.6895	0.1727
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.8235	0.1765	0.8020	0.5984	0.6209
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.5442	0.0881	0.8806
trec11-wc	0.9024	0.0217	0.8825	0.8799	0.0833
trec12-wc	0.8710	0.0323	0.8905	0.8436	0.1010
trec21-wc	0.8485	0.0606	0.8203	0.6765	0.3279
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	0.9892	0.0036	0.9910	0.9857	0.0145
trec41-wc	0.9659	0.0068	0.8874	0.9583	0.0325
trec45-wc	0.9855	0.0029	0.8916	0.9831	0.0066
tuandromd	0.9843	0.0157	0.9754	0.9507	0.1231
turkish	0.8000	0.1000	0.8061	0.7333	0.2582
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9231	0.0769	0.9169	0.8334	0.3669

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews10%	0.9036	0.0964	0.8960	0.7919	0.4349
ur3_cobotops_grip	0.9769	0.0231	0.7812	0.4434	0.0756
ur3_cobotops_stop	0.9796	0.0204	0.8400	0.6706	0.3567
urban	0.8358	0.0365	0.8285	0.8073	0.1377
urinalysis	0.9650	0.0350	0.8088	0.5311	0.1051
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.8095	0.0952	0.7678	0.7421	0.1962
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6364	0.0661	0.6566	0.6000	0.2204
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7756	0.0224	0.6223	0.7485	0.1575
warpar10p	0.6923	0.0615	0.5757	0.6533	0.0927
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.9864	0.0039	0.9862	0.9841	0.0290
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.9891	0.0031	0.9888	0.9873	0.0238
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2233	0.3883	0.2226	-0.0355	0.8736
waveform	0.8500	0.1000	0.8504	0.7751	0.3493
weather-related	0.9769	0.0042	0.9774	0.9739	0.0363
web-phishing	0.8519	0.0988	0.8097	0.7368	0.4053
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9855	0.0145	0.9195	0.8369	0.2405
wine	0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red	0.7044	0.0985	0.3449	0.5191	0.3176
winequality-white	0.6728	0.0935	0.4138	0.5022	0.4612
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9939	0.0018	0.9951	0.9922	0.0132
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.7500	0.0333	0.7132	0.7322	0.0618
yeast	0.6149	0.0770	0.4040	0.5022	0.4040
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9516	0.0097	0.9475	0.9458	0.0791

Table 266: Detailed results for C5.0RULES

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1679	0.0574	0.0855	0.0901	0.5772
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9831	0.0169	0.6760	0.2831	0.3936
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.8659	0.1341	0.8051	0.6054	0.5784
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.5447	0.0437	0.6386
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8889	0.0741	0.4663	0.1398	0.1423
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.0583	0.9417	0.0550	0.0000	0.1497
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.0030	0.9970	0.0030	0.0000	0.0086
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9987	0.0013	0.4997	-0.0005	0.5055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.0092	0.9908	0.0091	0.0000	0.0260
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8920	0.1080	0.8483	0.6934	0.5000
air_pollution	0.3000	0.2000	0.1443	-0.0091	0.8673
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.9615	0.0385	0.9609	0.9213	0.2096
alcohol	0.8286	0.0686	0.4910	0.6249	0.2487
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.9535	0.0465	0.9489	0.8970	0.2464
anneal	0.1124	0.3551	0.1626	-0.0656	0.2010
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.9624	0.0188	0.8943	0.9279	0.1106
anuran-genus	0.9471	0.0132	0.8545	0.9117	0.1678
anuran-species	0.9611	0.0078	0.9207	0.9455	0.0511
anxiety	0.1000	0.2000	0.0946	-0.0136	0.7915
apple-quality	0.7975	0.2025	0.7981	0.5950	0.6651
aps-failure	0.9904	0.0096	0.8501	0.6923	0.3268
arabidopsis	0.9781	0.0169	0.5307	0.0560	0.5250
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.0222	0.1504	0.0059	-0.0543	0.3249
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.7826	0.0181	0.3367	0.7500	0.0501
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.2714	0.7286	0.2135	0.0000	0.4603
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.1500	0.2833	0.1751	0.0736	0.3407
avila	0.9914	0.0014	0.9894	0.9888	0.0126
babies	0.4032	0.1705	0.2236	0.1210	0.5819
balance	0.8710	0.0860	0.5994	0.7571	0.2313
bank	0.1126	0.8874	0.1012	0.0000	0.2603
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria	0.8548	0.1452	0.8401	0.6753	0.5447
basehock	0.9095	0.0905	0.9099	0.8191	0.4003
bio	0.9964	0.0036	0.8867	0.7627	0.2000
bio10%	0.9952	0.0048	0.8591	0.7176	0.3802
biodeg	0.3810	0.6190	0.2759	0.0000	0.5189
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9889	0.0008	0.1292	0.4273	0.2054
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9871	0.0009	0.0934	0.2117	0.1137
body-perf	0.7299	0.1351	0.7323	0.6398	0.4158
bookings	0.9903	0.0065	0.7804	0.9794	0.0380
brain-tumor	0.4905	0.5095	0.4899	-0.0197	0.9981
breast-cancer	0.2857	0.7143	0.2222	0.0000	0.4711
breast-cancer-co	0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma	0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue	0.6364	0.1212	0.6525	0.5600	0.2067
bridges	0.1000	0.2571	0.0357	-0.0345	0.1980
bub10at310k-hg16-17	0.9156	0.0844	0.6681	0.2625	0.5016
bub12at310k-hg16-17	0.9175	0.0825	0.6797	0.2889	0.4955
bub8at310k-hg16-17	0.9142	0.0858	0.6873	0.3504	0.5886
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.0345	0.4828	0.1429	-0.1592	0.2649
car-insurance	0.8440	0.1560	0.8174	0.6347	0.6084
card	0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography	0.8263	0.0347	0.8280	0.7918	0.2059
cardiotocography-nsp	0.9061	0.0626	0.8417	0.7508	0.3941
cardiovascular	0.7303	0.2697	0.7303	0.4606	0.7796
cargo2k	0.3477	0.4349	0.2250	0.0061	0.3443
cars	0.8500	0.1000	0.7916	0.7315	0.2830
cas_N6512_cdk_ECFP2	0.7266	0.2734	0.7266	0.4524	0.7829
cas_N6512_rdkit_ATOMPAIR	0.7092	0.2908	0.7067	0.4129	0.8097
cas_N6512_RDkit_AtomPair_FP	0.7040	0.2960	0.7011	0.4009	0.8152
cas_N6512_rdkit_AVALON	0.7604	0.2396	0.7605	0.5201	0.7314
cas_N6512_RDkit_Avalon_FP	0.7531	0.2469	0.7514	0.5029	0.7465
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.7158	0.2842	0.7155	0.4305	0.7987
cas_N6512_RDkit_Featmorgan_FP	0.7316	0.2684	0.7314	0.4622	0.7764
cas_N6512_RDkit_FP	0.7193	0.2807	0.7172	0.4279	0.7818
cas_N6512_rdkit_LAYERED	0.7323	0.2677	0.7308	0.4617	0.7777
cas_N6512_RDkit_Layered_FP	0.7393	0.2607	0.7371	0.4737	0.7670

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.7831	0.2169	0.7816	0.5631	0.6964
cas_N6512_RDkit_morgan_FP	0.7485	0.2515	0.7463	0.4920	0.7525
cas_N6512_rdkit_PATTERN	0.7769	0.2231	0.7754	0.5509	0.7072
cas_N6512_RDkit_pattern_FP	0.7439	0.2561	0.7419	0.4836	0.7605
cas_N6512_rdkit_RDKITFP	0.7250	0.2750	0.7243	0.4484	0.7870
cas_N6512_rdkit_TORSION	0.7077	0.2923	0.7064	0.4127	0.8115
ccds	0.9385	0.0725	0.5751	0.1449	0.6165
ccds1%	0.9588	0.0412	0.4895	-0.0052	0.3718
ccds10%	0.9605	0.0395	0.5795	0.0584	0.3477
cdc_diabetes	0.8479	0.1014	0.4214	0.1904	0.3209
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9533	0.0467	0.7710	0.5168	0.4437
census10%	0.9522	0.0478	0.7375	0.4185	0.4070
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.0698	0.9302	0.0652	0.0000	0.1753
cervical-C	0.0581	0.9419	0.0549	0.0000	0.1495
cervical-H	0.0465	0.9535	0.0444	0.0000	0.1224
cervical-S	0.0930	0.9070	0.0851	0.0000	0.2234
children-anemia	0.9406	0.0297	0.9342	0.9116	0.1387
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9992	0.0008	0.7946	0.5878	0.4445
chrom21	0.9843	0.0019	0.5156	0.0077	0.1404
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8550	0.1450	0.7491	0.4647	0.5715
churn-bigml	0.9588	0.0412	0.9136	0.8216	0.2556
ci900367j_MACCS	0.3789	0.6211	0.2748	0.0000	0.5183
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.6803	0.5312	0.5039
cjs	0.1250	0.2917	0.0919	-0.0433	0.2536
ckd	0.3500	0.6500	0.2593	0.0000	0.5077
clave	0.0509	0.4745	0.0821	-0.2420	0.4972
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.6190	0.2540	0.5918	0.4084	0.6251
cnae-9	0.1111	0.1975	0.0725	0.0000	0.2975
codon_usage	0.8434	0.0285	0.6810	0.8091	0.2461
coil20	0.0556	0.0944	0.0308	0.0053	0.2188
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	0.0200	0.1307	0.0267	-0.0529	0.1776
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2	0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8621	0.1379	0.8117	0.6234	0.6038
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8387	0.1075	0.7914	0.7395	0.2576

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5106	0.4853	0.5948	0.0002	0.5274
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%	0.5216	0.4732	0.5248	0.0019	0.5531
connect-4	0.9858	0.0095	0.7048	0.5590	0.0945
cottonmeloidogyne	0.6995	0.3005	0.7022	0.3998	0.8096
coupon	0.4314	0.5686	0.3014	0.0000	0.5291
covid19	0.5513	0.1282	0.2314	0.2006	0.3673
covtype	0.9473	0.0151	0.9201	0.9153	0.1524
covtype10%	0.0738	0.2646	0.1101	-0.1609	0.3971
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.0699	0.9301	0.0653	0.0000	0.1756
crabs	0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans	0.9993	0.0007	0.8860	0.7497	0.0829
creditcard_trans10%	0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced	0.9134	0.0289	0.8160	0.8191	0.2555
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.2812	0.0359	0.2118	0.2669	0.1039
customer-churn	0.9840	0.0160	0.7609	0.4926	0.3903
cybersecurity	0.1833	0.2722	0.1747	0.0178	0.8610
cyclopentane	0.7778	0.2222	0.7818	0.5574	0.6874
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1058	0.1788	0.1056	0.0063	0.9241
day1%	0.9451	0.0437	0.9558	0.8947	0.2336
dbworld	0.4286	0.5714	0.3000	0.0000	0.5288
default	0.8260	0.1740	0.7114	0.3777	0.6162
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.1170	0.8830	0.1048	0.0000	0.2681
depressed	0.8252	0.1748	0.5711	0.0850	0.6422
dermatology	0.0541	0.3153	0.0741	-0.1078	0.3177
desharnais	0.6250	0.2500	0.4869	0.2258	0.4685
dexter	0.9000	0.1000	0.9009	0.8000	0.4226
df_final	0.6875	0.2083	0.7490	0.5455	0.3616
DIA	0.8500	0.1500	0.7854	0.5263	0.4936
diabetes	0.3846	0.6154	0.2778	0.0000	0.5200
diabetes-100k	0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk	0.9200	0.0800	0.8744	0.7469	0.4365
diabetic	0.5821	0.2786	0.4557	0.1735	0.5534
diabetic1%	0.2843	0.4771	0.2092	-0.0155	0.6222
diabetic10%	0.5806	0.2796	0.4483	0.1448	0.5369
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7853	0.0859	0.7833	0.6951	0.3204
dishonest	0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.6250	0.3750	0.6009	0.1940	0.9002
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	1.0000	0.0077	0.5178	0.0499	0.4451
dorothea	0.9217	0.0783	0.7647	0.5285	0.5845
dota2	0.5771	0.4229	0.5727	0.1425	0.9416
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.9747	0.0253	0.9728	0.9457	0.1644
dropout	0.7381	0.1746	0.6449	0.5538	0.4985

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3511	0.1854	0.1553	0.0545	0.6724
drug-02	0.4468	0.1581	0.1917	0.1289	0.7283
drug-03	0.6489	0.1003	0.2098	0.1580	0.6083
drug-04	0.4787	0.1489	0.2284	0.1156	0.7376
drug-05	0.7128	0.0821	0.1498	0.0168	0.4404
drug-06	0.3564	0.1839	0.2928	0.2192	0.6960
drug-07	0.3936	0.1733	0.1565	0.0510	0.5617
drug-08	0.5213	0.1368	0.2205	0.1870	0.6312
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5000	0.1429	0.1875	0.1150	0.7466
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5904	0.1170	0.1974	0.2618	0.5293
drug-14	0.5798	0.1201	0.3197	0.2894	0.6412
drug-15	0.7447	0.0729	0.1412	0.0637	0.3835
drug-16	0.5426	0.1307	0.2549	0.2588	0.5519
drug-17	0.2926	0.2021	0.2301	0.0942	0.8067
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7447	0.0729	0.1410	0.0260	0.3690
drybean	0.9184	0.0233	0.9294	0.9013	0.1351
ecoli	0.7941	0.0515	0.4838	0.7136	0.1517
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.2369	-0.0135	0.8484
eeg	0.4468	0.0692	0.4643	0.3862	0.6306
eeg-eye	0.8451	0.1549	0.8433	0.6866	0.5736
eeg10%	0.3266	0.0842	0.3331	0.2537	0.6885
email_phishing	0.9880	0.0120	0.6973	0.1815	0.1057
eucalyptus	0.3151	0.2740	0.2334	0.1523	0.4886
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.9701	0.0299	0.9700	0.9400	0.1810
exon.vs.intron-freq10%	0.4731	0.5269	0.3212	0.0000	0.5305
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.8478	0.1522	0.8471	0.6931	0.5621
fbis-wc	0.7398	0.0306	0.6468	0.7036	0.2057
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.9250	0.0250	0.7245	0.8822	0.1468
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.0500	0.2375	0.0833	-0.0704	0.3440
fonts	0.6003	0.0052	0.5922	0.5850	0.3216
fonts10%	0.6308	0.0048	0.3466	0.6115	0.4252
forest	0.8654	0.0673	0.8397	0.8141	0.1919
gas	0.9784	0.0072	0.9771	0.9738	0.0475
gastrointestinal	0.1875	0.5417	0.1429	-0.0505	0.5033
gender	0.6042	0.2639	0.4881	0.0990	0.4650
gene	0.9338	0.0442	0.9259	0.8939	0.1878
german	0.3500	0.6500	0.2593	0.0000	0.5077
gestures	0.8545	0.0728	0.8551	0.8059	0.2812
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.9500	0.0500	0.9500	0.9000	0.2652
glass	0.6667	0.1111	0.6786	0.5333	0.2938
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.6000	0.2000	0.5556	0.4737	0.1226
glioma-grade	0.4167	0.5833	0.2941	0.0000	0.5271
green	0.9000	0.1000	0.9010	0.7826	0.4011
grub-damage	0.2000	0.4000	0.1875	-0.0286	0.6918
gsalc	0.7778	0.0741	0.7358	0.7313	0.1003
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9341	0.0110	0.7684	0.9221	0.0776
har	0.9720	0.0112	0.9707	0.9645	0.0719
har70	0.9286	0.0204	0.6514	0.8935	0.1963
har701%	0.9133	0.0248	0.5630	0.8713	0.1418
har7010%	0.9233	0.0219	0.6301	0.8854	0.1567
harth	0.7827	0.0383	0.5364	0.6981	0.4342
harth1%	0.8550	0.0242	0.5523	0.8019	0.2476
harth10%	0.8749	0.0209	0.6177	0.8293	0.2228
hayes-roth	0.6875	0.2083	0.7384	0.5062	0.2896
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.7300	0.1350	0.2110	-0.0555	0.4808
heart	0.8889	0.1111	0.8845	0.7666	0.4543
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.4667	0.5333	0.3182	0.0000	0.5307
heart-failure	0.9740	0.0260	0.9697	0.9391	0.1628
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.8435	0.1552	0.8344	0.6993	0.5613
hepmass1%	0.8503	0.1497	0.8517	0.7008	0.5499
hepmass10%	0.8616	0.1384	0.8622	0.7233	0.5290
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.6518	0.3454	0.6531	0.3141	0.8827
higgs0.1%	0.6673	0.3327	0.6648	0.3282	0.8595
higgs1%	0.7018	0.2982	0.7000	0.3997	0.8191
higgs10%	0.7261	0.2739	0.7247	0.4491	0.7860
higher	0.2143	0.1964	0.2500	0.0610	0.3621
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.1703	0.8297	0.1455	0.0000	0.3518
hiva	0.9598	0.0402	0.4897	-0.0084	0.4680
horse	0.3333	0.4444	0.3085	0.1093	0.5521
hotel-reservartions	0.8928	0.1072	0.8762	0.7499	0.4598
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.9995	0.0003	0.9995	0.9993	0.0030
ht-sensor10%	0.9966	0.0023	0.9967	0.9948	0.0161
htru2	0.9799	0.0201	0.9379	0.8751	0.2313
hypothyroid	0.0000	0.5000	0.0000	-0.0583	0.1578
hypothyroidT	0.0769	0.9231	0.0714	0.0000	0.1906
ilpd	0.7288	0.2712	0.6188	0.1986	0.7697
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.4400	0.5600	0.3056	0.0000	0.5299
isolet	0.8267	0.0133	0.8338	0.8198	0.1454

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8163	0.1837	0.6324	0.1907	0.6276
jvowels	0.9066	0.0208	0.9010	0.8943	0.1497
kc1	0.8578	0.1422	0.6618	0.2066	0.4924
kc1-class-level-defectiveornot	0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect	0.6429	0.0298	0.0357	0.1860	0.1193
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.6434	0.0892	0.5794	0.5836	0.4010
kddcup98	0.9578	0.0512	0.5256	0.0026	0.2171
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.5732	0.0371	0.0317	0.0000	0.1344
kddcup991%	0.9970	0.0003	0.4166	0.9949	0.0111
kddcup9910%	0.9995	0.0000	0.6471	0.9991	0.0021
kepler	0.8713	0.0858	0.8255	0.7873	0.2310
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.3750	0.6250	0.2727	0.0000	0.5170
krkopt	0.8481	0.0169	0.8548	0.8303	0.1905
krvskp	0.4765	0.5235	0.3227	0.0000	0.5304
la1s-wc	0.7683	0.0772	0.7246	0.7055	0.3545
la2s-wc	0.7980	0.0673	0.7780	0.7435	0.3113
labor	0.6667	0.3333	0.4000	0.0000	0.4644
leaf	0.7059	0.0147	0.3821	0.6909	0.0648
led24	0.0500	0.1900	0.0286	-0.0526	0.3845
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8905	0.0084	0.8904	0.8861	0.1256
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.4286	0.5714	0.3000	0.0000	0.5288
libra	0.8611	0.0185	0.8694	0.8509	0.0635
linkage	0.9998	0.0002	0.9886	0.9769	0.0011
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9999	0.0001	0.9916	0.9831	0.0217
liver	0.6471	0.3529	0.5968	0.1937	0.8945
loan	0.9859	0.0141	0.9850	0.9700	0.0987
localization	0.7333	0.0485	0.5155	0.6619	0.4539
localization10%	0.0625	0.1705	0.1268	0.0089	0.4776
lrs	0.7925	0.0415	0.4136	0.7114	0.1553
lung	0.9524	0.0190	0.7652	0.9091	0.0221
lung_discrete	0.1250	0.2500	0.0571	-0.0370	0.1843
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.8500	0.0600	0.8438	0.7087	0.2985
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.0000	0.5000	0.0000	-0.2564	0.3355
lymphoma2	0.2222	0.1728	0.1481	0.1250	0.1484
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.7923	0.2077	0.7932	0.5846	0.6732
magic04	0.8722	0.1278	0.8575	0.7116	0.5080
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.5312	0.4688	0.3469	0.0000	0.5228
marketing	0.8839	0.1161	0.7251	0.3834	0.4930
maternal	0.7723	0.1518	0.7773	0.6554	0.4490
math	0.8250	0.0875	0.7817	0.7371	0.2882
mba	0.8355	0.1097	0.3901	0.0932	0.3222
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2067	0.3173	0.2027	0.0073	0.8706

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6087	0.3913	0.6362	0.2473	0.8373
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.7875	0.7702	0.2056
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.9000	0.0200	0.9012	0.8889	0.1102
mfeat-fou	0.7550	0.0490	0.7505	0.7278	0.2110
mfeat-kar	0.8400	0.0320	0.8430	0.8222	0.1742
mfeat-mor	0.7000	0.0600	0.6947	0.6667	0.2095
mfeat-pix	0.0950	0.1810	0.0576	-0.0056	0.3069
mfeat-zer	0.7200	0.0560	0.7218	0.6889	0.2469
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5733	0.4837	0.4685
mobile	0.6923	0.0110	0.6947	0.6867	0.1390
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8852	0.1148	0.8770	0.7240	0.2925
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
music	0.4900	0.0927	0.5189	0.3852	0.5451
musk	0.9621	0.0379	0.9255	0.8496	0.2804
MUT_ci300400a_cdk_ECFP2	0.7674	0.2326	0.7596	0.5189	0.7278
MUT_ci300400a_cdk_ECFP4	0.7820	0.2180	0.7764	0.5527	0.7029
MUT_ci300400a_cdk_ECFP6	0.7389	0.2611	0.7289	0.4564	0.7708
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.7926	0.2074	0.7854	0.5701	0.6829
MUT_ci300400a_cdk_FCFP2	0.7964	0.2036	0.7889	0.5763	0.6737
MUT_ci300400a_cdk_FCFP4	0.7626	0.2374	0.7536	0.5058	0.7335
MUT_ci300400a_cdk_FCFP6	0.7446	0.2554	0.7346	0.4677	0.7620
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.8204	0.1796	0.8146	0.6290	0.6304
MUT_ci300400a_cdk_STANDARD	0.7701	0.2299	0.7619	0.5231	0.7228
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.0412	0.2397	0.1680	0.0293	0.1209
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.3333	0.2222	0.2857	0.2000	0.2350
nci9	0.0000	0.2222	0.0000	-0.1613	0.2241
ncRNA	0.9479	0.0055	0.7562	0.8599	0.4590
ncRNA1%	0.8946	0.0111	0.4207	0.6879	0.5378
ncRNA10%	0.9257	0.0078	0.6216	0.7947	0.5356
neo	0.9139	0.0861	0.6879	0.2376	0.3658
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.7490	0.0114	0.7621	0.7406	0.1980
newspop	0.6511	0.3489	0.6487	0.2969	0.8794
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9547	0.0453	0.9443	0.8886	0.2747
NPHA-doctor-visits	0.4444	0.3704	0.3567	-0.0526	0.6389
nursery	0.3117	0.2753	0.1308	0.1307	0.1328
obesity	0.9384	0.0176	0.9366	0.9280	0.0900
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9932	0.0068	0.9905	0.9810	0.0858
Occupancy_Estimation	0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc	0.0693	0.1861	0.0797	-0.0486	0.3239
oh10-wc	0.1238	0.1752	0.0948	0.0190	0.4374
oh15-wc	0.1304	0.1739	0.0924	0.0373	0.3612
oh5-wc	0.0769	0.1846	0.0823	-0.0221	0.4448

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.7204	0.0559	0.7060	0.6873	0.3592
olive	0.9298	0.0156	0.9215	0.9118	0.0463
opn310k	0.9166	0.0834	0.6903	0.3462	0.5615
opn310k10%	0.9094	0.0906	0.6479	0.2647	0.6073
opnat310k-hg16-17	0.9172	0.0828	0.6916	0.3459	0.5535
optdigits	0.0943	0.1811	0.0588	-0.0084	0.3432
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.7750	0.0112	0.7286	0.7692	0.0375
orlraws10P	0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr	0.9012	0.0988	0.5185	0.0309	0.6828
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants	0.9876	0.0070	0.5997	0.2099	0.5510
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.8784	0.8444	0.3289
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.9336	0.0664	0.9293	0.8584	0.3321
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.9245	0.0755	0.9070	0.8139	0.4024
particle10%	0.8923	0.1077	0.8654	0.7307	0.4979
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5464	0.4536	0.3533	-0.0712	0.8005
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.8038	0.6071	0.6125
pediatric-leukemia	0.1471	0.2437	0.0571	-0.0545	0.4128
pendigits	0.9636	0.0073	0.9630	0.9595	0.0606
period	0.8889	0.1111	0.8953	0.7692	0.4011
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8076	0.1924	0.7909	0.5770	0.6503
personalities	0.8012	0.0249	0.8014	0.7879	0.2829
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.3918	0.6082	0.2815	0.0000	0.5219
PhiUSIIL	0.9997	0.0003	0.9997	0.9995	0.0027
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.9998	0.0001	0.9998	0.9998	0.0008
phone-acc0.1%	0.2037	0.2275	0.1711	0.0718	0.3254
phone-acc1%	0.1526	0.2421	0.1134	0.0113	0.2640
phone-acc10%	0.9978	0.0006	0.9977	0.9974	0.0060
phone-gyr	0.9997	0.0001	0.9997	0.9997	0.0009
phone-gyr0.1%	0.1845	0.2330	0.1539	0.0497	0.3122
phone-gyr1%	0.1522	0.2422	0.1170	0.0117	0.2700
phone-gyr10%	0.9959	0.0012	0.9955	0.9952	0.0089
phoneme	0.8815	0.1185	0.8566	0.7127	0.5327
phy	0.4972	0.5028	0.3321	0.0000	0.5287
pima	0.7500	0.2500	0.7324	0.4480	0.7236
pirvision	0.9922	0.0052	0.9863	0.9751	0.0533
placement	0.7910	0.2090	0.7841	0.5675	0.6851
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.7748	0.0450	0.3473	0.5817	0.2226
poker1%	0.2907	0.1419	0.0804	-0.0161	0.3233
poker10%	0.1980	0.1604	0.0715	-0.0875	0.3896
polish-1st	0.9730	0.0270	0.7785	0.4756	0.2230
polish-2nd	0.9715	0.0285	0.7707	0.4421	0.1949
polish-3rd	0.9562	0.0438	0.6890	0.3245	0.4651

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9643	0.0357	0.8026	0.5971	0.4492
polish-5th	0.9594	0.0406	0.8195	0.6053	0.3147
polya	0.7568	0.2432	0.7299	0.4580	0.7562
popularity	0.6648	0.2235	0.4588	0.2426	0.5036
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9835	0.0066	0.9833	0.9793	0.0452
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6653	0.3235	0.8487
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.0606	0.0854	0.0364	0.0367	0.2484
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9877	0.0049	0.9782	0.9835	0.0385
puc-rio10%	0.9722	0.0111	0.9512	0.9627	0.0721
pufs-128	0.4954	0.5004	0.5016	-0.0016	1.0000
pufs-1281%	0.4968	0.5032	0.4968	-0.0064	1.0000
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.5005	0.0010	0.9886
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv1	0.2313	0.0229	0.0165	0.0128	0.3076
rcv11%	0.6219	0.0146	0.2893	0.5752	0.3693
rcv110%	0.7457	0.0096	0.4279	0.7274	0.3541
re0-wc	0.7933	0.0318	0.7456	0.7299	0.2658
re1-wc	0.7952	0.0164	0.6767	0.7652	0.1682
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8494	0.0046	0.4166	0.7915	0.2238
rice	0.9879	0.0121	0.9878	0.9755	0.0839
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.9983	0.0003	0.9812	0.9957	0.0028
satimage	0.8802	0.0399	0.8595	0.8518	0.1800
satimageF	0.9876	0.0124	0.9679	0.9359	0.1750
satimageT	0.9300	0.0700	0.7890	0.5710	0.5187
scadi	0.0000	0.2857	0.0000	-0.1667	0.3455
schiller	1.0000	0.0000	1.0000	1.0000	0.0000
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom	0.9998	0.0002	0.9998	0.9997	0.0023
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9567	0.0124	0.9615	0.9494	0.0550
segmentation	0.8267	0.1733	0.8161	0.6303	0.6269
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.0659	0.9341	0.0618	0.0000	0.1669
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8595	0.1455	0.5743	0.1162	0.6854
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-4-gram	0.8684	0.1316	0.6071	0.1284	0.5533
sens-5-gram	0.8605	0.1395	0.5591	0.0641	0.5968
sens-6-gram	0.8534	0.1497	0.5785	0.1465	0.7262

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8218	0.1755	0.5624	0.1330	0.7557
sens-8-gram	0.8416	0.1586	0.5701	0.1454	0.7497
sens-9-gram	0.8736	0.1185	0.6808	0.2263	0.4579
sensorless	0.9908	0.0017	0.9908	0.9898	0.0174
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.1541	0.8459	0.1335	0.0000	0.3285
shuttle	1.0000	0.0000	1.0000	1.0000	0.0000
sick	0.9867	0.0133	0.9444	0.8866	0.1604
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9989	0.0011	0.9983	0.9965	0.0156
skin10%	0.9955	0.0045	0.9932	0.9863	0.0521
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2000	0.4000	0.1661	-0.0363	0.6156
smk_can_187	0.6316	0.3684	0.6438	0.2732	0.8562
smoking	0.7527	0.2473	0.7368	0.4733	0.7579
soil_pollution	0.2400	0.3040	0.2399	0.0492	0.8410
solar-flare	0.0432	0.3189	0.0776	-0.1549	0.4313
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.1176	0.0929	0.0506	0.0290	0.2073
spam-detection	0.9560	0.0440	0.8671	0.7340	0.4392
spambase	0.6043	0.3957	0.3767	0.0000	0.4981
spect	0.2222	0.7778	0.1818	0.0000	0.4150
spectf	0.8000	0.2000	0.7481	0.4948	0.7085
spectrometer	0.5660	0.0181	0.2547	0.5422	0.1051
splice-EI	0.9748	0.0252	0.9674	0.9342	0.2081
splice-IE	0.9306	0.0694	0.9031	0.8061	0.3945
sport-articles	0.8000	0.2000	0.7817	0.5612	0.6749
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.2160	0.5226	0.2063	-0.0355	0.3836
steel-b	0.8359	0.1641	0.7363	0.4678	0.6776
steel-d	0.9692	0.0308	0.7421	0.4841	0.5554
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8154	0.1846	0.7955	0.5908	0.6564
steel-p	0.9333	0.0667	0.7373	0.4474	0.5093
steel-s	0.9949	0.0051	0.9665	0.9307	0.0228
steel-z	0.9949	0.0051	0.9853	0.9701	0.0240
stellar	0.9735	0.0177	0.9696	0.9529	0.1031
stock	1.0000	0.0000	1.0000	1.0000	0.0000
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9980	0.0020	0.9980	0.9960	0.0165
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.8305	0.1695	0.8240	0.6452	0.5997
student-habits	0.3000	0.2800	0.2242	0.0159	0.8110
student-weekend	0.1231	0.3508	0.1732	-0.0257	0.6847
student-workday	0.1250	0.3500	0.0471	-0.0504	0.6295
studentap	0.2308	0.5128	0.1250	0.0000	0.4236
susy	0.7992	0.2008	0.7981	0.5911	0.6518
susy1%	0.7892	0.2108	0.7878	0.5709	0.6720
susy10%	0.7967	0.2033	0.7956	0.5861	0.6563
swarm_aligned	0.9983	0.0017	0.9981	0.9961	0.0117
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.5072	0.2000	0.6242
telco-churn	0.8849	0.1151	0.8479	0.6930	0.5110
texture	0.9418	0.0106	0.9448	0.9359	0.0715

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.1489	0.8511	0.1296	0.0000	0.3207
thrombin	0.9686	0.0314	0.4920	-0.0142	0.5981
Thyroid_Diff	0.2895	0.7105	0.2245	0.0000	0.4738
tic-tac-toe	0.9684	0.0316	0.9645	0.9288	0.1892
tis	0.9080	0.0920	0.8723	0.7407	0.4380
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.6773	0.3227	0.4038	0.0000	0.4575
tourist	0.1250	0.2917	0.1667	0.0000	0.3084
tox_171	0.5294	0.2353	0.5596	0.3790	0.3755
toxicity	0.7059	0.2941	0.6540	0.2735	0.7752
toxicity-13f	0.8235	0.1765	0.8163	0.6277	0.6246
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.5779	0.1519	0.8533
trec11-wc	0.0488	0.2114	0.0395	-0.0768	0.3015
trec12-wc	0.1613	0.2097	0.0945	0.0484	0.2691
trec21-wc	0.0000	0.3333	0.0000	-0.0391	0.2938
trec23-wc	0.0476	0.3175	0.1111	-0.1170	0.1883
trec31-wc	0.9355	0.0184	0.7791	0.9140	0.0917
trec41-wc	0.9205	0.0159	0.7578	0.9028	0.0915
trec45-wc	0.8986	0.0203	0.8295	0.8821	0.0982
tuandromd	0.2018	0.7982	0.1679	0.0000	0.3921
turkish	0.7000	0.1500	0.6943	0.6000	0.3922
tvnews	0.9227	0.0773	0.9161	0.8301	0.3519
tvnews1%	0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9728	0.0272	0.7331	0.2790	0.0856
ur3_cobotops_stop	0.9646	0.0354	0.6492	0.1781	0.3486
urban	0.8060	0.0431	0.8082	0.7721	0.1684
urinalysis	0.9510	0.0490	0.7039	0.3436	0.4349
url-rep1%	0.9644	0.0422	0.9369	0.9256	0.2539
ustilago	0.9647	0.0251	0.5418	0.0899	0.4717
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7262	0.1369	0.6973	0.6333	0.2759
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.4141	0.1065	0.4375	0.3556	0.3348
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9158	0.0842	0.6905	0.3521	0.5738
wap-wc	0.6859	0.0314	0.5105	0.6452	0.1958
warpar10p	0.7692	0.0462	0.6160	0.7400	0.0585
warppie10p	0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc	0.9998	0.0001	0.9998	0.9997	0.0008
watch-acc1%	0.1861	0.2325	0.1116	0.0415	0.2627
watch-acc10%	0.9985	0.0004	0.9985	0.9982	0.0045
watch-gyr	0.9998	0.0001	0.9997	0.9997	0.0009
watch-gyr1%	0.1666	0.2381	0.1056	0.0228	0.2649
watch-gyr10%	0.9985	0.0004	0.9984	0.9982	0.0047
water_pollution	0.1867	0.4067	0.1882	-0.0838	0.8965
waveform	0.7840	0.1440	0.7843	0.6761	0.4513
weather-related	0.9750	0.0045	0.9742	0.9717	0.0390
web-phishing	0.8148	0.1235	0.7555	0.6667	0.4154
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9952	0.0019	0.9948	0.9939	0.0154
white-clover	0.3333	0.3333	0.1667	0.1429	0.1703
wifi-loc	0.9750	0.0125	0.9750	0.9667	0.0511

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9814	0.0186	0.8962	0.7903	0.3078
wine	0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red	0.5975	0.1342	0.3053	0.3564	0.5236
winequality-white	0.5706	0.1227	0.3009	0.3316	0.5319
winnipeg	0.9909	0.0026	0.9853	0.9885	0.0304
winnipeg10%	0.9801	0.0057	0.9847	0.9748	0.0381
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.6250	0.0500	0.5106	0.5949	0.0862
yeast	0.5608	0.0878	0.4774	0.4353	0.3959
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.9000	0.0200	0.8915	0.8879	0.1454

Table 267: Detailed results for C5.0RULES(C)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9825	0.0175	0.6411	0.1717	0.3329
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9726	0.0274	0.9413	0.8785	0.1617
adult	0.8663	0.1337	0.8059	0.6071	0.5779
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8571	0.1429	0.7181	0.3777	0.5492
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8889	0.0741	0.4663	0.1398	0.1423
AID1284Morered	0.7222	0.2778	0.4194	-0.1613	0.7929
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9126	0.0874	0.4772	-0.0311	0.6533
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.5500	0.4500	0.4886	-0.0227	0.9383
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8779	0.1221	0.8263	0.6462	0.5305
airline	0.9619	0.0381	0.9614	0.9221	0.2063
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9958	0.0042	0.8849	0.7671	0.4228
anuran-family	0.9708	0.0146	0.9264	0.9444	0.1068
anuran-genus	0.9430	0.0143	0.8507	0.9051	0.1638
anuran-species	0.9625	0.0075	0.9301	0.9477	0.0645
apple-quality	0.8275	0.1725	0.8276	0.6550	0.6091
aps-failure	0.9911	0.0089	0.8604	0.7122	0.2985
arabidopsis0.1%	0.9882	0.0118	0.4970	-0.0044	0.5347
arabidopsis1%	0.9912	0.0088	0.4978	-0.0016	0.3640
arcene	0.8500	0.1500	0.8488	0.6939	0.5599
arrhythmia	0.7556	0.0489	0.5921	0.6087	0.2032
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.8182	0.0331	0.7016	0.7874	0.0785
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autos	0.7500	0.1000	0.8000	0.6633	0.2091
balance	0.8710	0.0860	0.5994	0.7571	0.2313
bank	0.9053	0.0947	0.7539	0.5069	0.6107
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8433	0.1567	0.8295	0.6588	0.5933
basehock	0.9397	0.0603	0.9420	0.8795	0.2641
bio	0.9966	0.0034	0.8933	0.7751	0.1702
bio10%	0.9952	0.0048	0.8591	0.7176	0.3802
biodeg	0.8476	0.1524	0.8426	0.6830	0.5747
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7291	0.1354	0.7314	0.6388	0.4186
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma	0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue	0.6364	0.1212	0.6525	0.5600	0.2067
bridges	0.7000	0.1000	0.4750	0.5161	0.1440
bub10at310k-hg16-17	0.9085	0.0915	0.6779	0.3433	0.6270
bub12at310k-hg16-17	0.9082	0.0918	0.6744	0.3349	0.6266
bub8at310k-hg16-17	0.9031	0.0969	0.6906	0.3799	0.6506
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
car	0.9828	0.0086	0.9560	0.9630	0.0638
card	0.8696	0.1304	0.8657	0.7285	0.5029
cardiotocography	0.8357	0.0329	0.8355	0.8030	0.1983
cardiotocography-nsp	0.9202	0.0532	0.8628	0.7863	0.3567
cardiovascular	0.7365	0.2635	0.7379	0.4730	0.7629
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8500	0.1000	0.7916	0.7315	0.2830
cas_N6512_cdk_ECFP2	0.7573	0.2427	0.7573	0.5137	0.7370
cas_N6512_rdkit_ATOMPAIR	0.7354	0.2646	0.7335	0.4669	0.7734
cas_N6512_RDkit_AtomPair_FP	0.7270	0.2730	0.7248	0.4495	0.7854
cas_N6512_rdkit_AVALON	0.7634	0.2366	0.7620	0.5240	0.7299
cas_N6512_RDkit_Avalon_FP	0.7761	0.2239	0.7746	0.5493	0.7087
cas_N6512_rdkit_descriptors	0.7508	0.2492	0.7489	0.4976	0.7499
cas_N6512_rdkit_FEATMORGAN	0.7481	0.2519	0.7458	0.4911	0.7532
cas_N6512_RDkit_Featmorgan_FP	0.7577	0.2423	0.7556	0.5102	0.7370
cas_N6512_RDkit_FP	0.7270	0.2730	0.7246	0.4487	0.7848
cas_N6512_rdkit_LAYERED	0.7846	0.2154	0.7838	0.5675	0.6932
cas_N6512_RDkit_Layered_FP	0.7561	0.2439	0.7541	0.5058	0.7359
cas_N6512_rdkit_MACCS	0.7926	0.2074	0.7909	0.5808	0.6765
cas_N6512_RDkit_MACCS_FP	0.7960	0.2040	0.7962	0.5914	0.6699
cas_N6512_rdkit_MORGAN	0.7631	0.2369	0.7611	0.5217	0.7294
cas_N6512_RDkit_morgan_FP	0.7239	0.2761	0.7219	0.4438	0.7899
cas_N6512_rdkit_PATTERN	0.7646	0.2354	0.7647	0.5286	0.7248
cas_N6512_RDkit_pattern_FP	0.7623	0.2377	0.7607	0.5214	0.7317
cas_N6512_rdkit_RDKITFP	0.7358	0.2642	0.7335	0.4661	0.7711
cas_N6512_rdkit_TORSION	0.7338	0.2662	0.7316	0.4626	0.7749
ccds1%	0.9313	0.0687	0.4822	-0.0350	0.6337
ccds10%	0.9528	0.0472	0.5776	0.1360	0.5933
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7409	0.2591	0.7126	0.4246	0.7830
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9483	0.0517	0.5535	0.0440	0.4242
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9472	0.0528	0.7344	0.4599	0.5461
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9992	0.0008	0.7946	0.5878	0.4445
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9157	0.0843	0.5768	0.0985	0.5542
churn	0.8520	0.1480	0.7457	0.4688	0.6062
ci900367j_MACCS	0.6842	0.3158	0.6522	0.2987	0.8482
cirrhosis	0.7619	0.1587	0.6803	0.5312	0.5039
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7852	0.1074	0.6143	0.6635	0.4654
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.6054	0.2630	0.5794	0.3830	0.6346
cnae-9	0.9167	0.0185	0.9235	0.9062	0.0868
codon_usage	0.8626	0.0250	0.7168	0.8328	0.2485
coil20	0.9375	0.0063	0.9409	0.9342	0.0356
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.6578	0.3029	0.8275
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.6207	0.3793	0.5884	0.1448	0.8434
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.8276	0.1724	0.7767	0.5511	0.6703
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.8387	0.1075	0.7914	0.7395	0.2576
connect-4	0.9876	0.0083	0.7652	0.6842	0.2958
cottonmeloidogyne	0.7212	0.2788	0.7217	0.4426	0.7905
coupon	0.7390	0.2610	0.7320	0.4628	0.7693
covid19	0.5517	0.1281	0.2198	0.2012	0.3712
covtype10%	0.8475	0.0436	0.7737	0.7530	0.3150
covtypeCD	0.9881	0.0119	0.9745	0.9490	0.1318
covtypeT	0.9803	0.0197	0.9214	0.8416	0.2676
crabs	0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans	0.9993	0.0007	0.8862	0.7433	0.0040
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9124	0.0292	0.7700	0.8183	0.2373
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
customer-churn	0.9840	0.0160	0.7609	0.4926	0.3903
cyclopentane	0.7037	0.2963	0.7105	0.3684	0.6911
cylinder-bands	0.8333	0.1667	0.8308	0.6611	0.6017
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8280	0.1720	0.7184	0.4077	0.6428
defect	0.9599	0.0401	0.9227	0.8399	0.2297
deposit	0.9016	0.0984	0.7420	0.4797	0.6098
depressed	0.8112	0.1888	0.5405	0.0576	0.7295
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
desharnais	0.6250	0.2500	0.4869	0.2258	0.4685
dexter	0.8167	0.1833	0.8168	0.6333	0.6308
df_final	0.6875	0.2083	0.5590	0.5000	0.2664
DIA	0.8333	0.1667	0.7616	0.5122	0.6385
diabetes	0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-risk	0.9199	0.0801	0.8742	0.7466	0.4367
diabetic1%	0.5882	0.2745	0.3832	0.1879	0.5412
diabetic10%	0.5255	0.3163	0.3798	0.1056	0.6855
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7786	0.0885	0.7770	0.6859	0.3305
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dota2	0.5787	0.4213	0.5751	0.1489	0.9450
dota210%	0.5602	0.4398	0.5565	0.1122	0.9602
dropout	0.7178	0.1881	0.6477	0.5391	0.5565
drug-01	0.3511	0.1854	0.1550	0.0528	0.6678
drug-02	0.4521	0.1565	0.1939	0.1345	0.7244
drug-03	0.6809	0.1064	0.2794	0.2236	0.5344
drug-04	0.4681	0.1520	0.2139	0.1469	0.7803
drug-05	0.7128	0.0821	0.1498	0.0168	0.4404
drug-06	0.3511	0.1854	0.2911	0.2140	0.7037
drug-07	0.3830	0.2057	0.1679	0.0431	0.6776
drug-08	0.5319	0.1337	0.2289	0.2022	0.6360
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5053	0.1413	0.1927	0.1277	0.7427
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5904	0.1170	0.1974	0.2618	0.5293
drug-14	0.5372	0.1322	0.2372	0.2104	0.7048
drug-15	0.7447	0.0729	0.1412	0.0637	0.3835
drug-16	0.5532	0.1489	0.3188	0.3038	0.5944
drug-17	0.3085	0.1976	0.2387	0.1178	0.7868
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7340	0.0760	0.1425	0.0143	0.4926
drybean	0.9140	0.0246	0.9257	0.8960	0.1410
ecoli	0.8529	0.0490	0.7121	0.7957	0.1665
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
eeg	0.4551	0.0681	0.4638	0.3959	0.6339
eeg-eye	0.8465	0.1535	0.8445	0.6885	0.5682
eeg10%	0.3570	0.0804	0.3591	0.2877	0.6806
email_phishing	0.9880	0.0120	0.6972	0.1859	0.1121
eucalyptus	0.6301	0.1479	0.6352	0.5239	0.3538
euthyroid	0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq10%	0.9542	0.0458	0.9540	0.9081	0.2496
fbis-wc	0.7114	0.0340	0.6589	0.6732	0.2631
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5490	0.4510	0.3544	0.0000	0.5183
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.6500	0.1000	0.4974	0.5666	0.2486
fonts10%	0.6283	0.0049	0.3434	0.6090	0.4256

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
forest	0.8846	0.0577	0.8756	0.8405	0.1609
gas	0.9770	0.0077	0.9760	0.9721	0.0502
gastrointestinal	0.9375	0.0417	0.9370	0.9018	0.1379
gender	0.5832	0.2779	0.4469	0.1400	0.6511
gene	0.9338	0.0442	0.9235	0.8934	0.1823
german	0.6500	0.3500	0.5934	0.1822	0.8962
gestures	0.8476	0.0762	0.8481	0.7968	0.2878
gina	0.9308	0.0692	0.9308	0.8616	0.3352
gisette	0.9514	0.0486	0.9514	0.9029	0.2605
glass	0.6667	0.1111	0.6786	0.5333	0.2938
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.9524	0.0476	0.9529	0.9014	0.2404
glassBWNFP	0.6667	0.3333	0.6387	0.2759	0.8607
glassContainers	0.9091	0.0909	0.7250	0.4500	0.6330
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage	0.4000	0.3000	0.4104	0.1768	0.6466
gsalc	0.7778	0.0741	0.7358	0.7313	0.1003
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9286	0.0119	0.7631	0.9156	0.0731
har	0.9725	0.0110	0.9707	0.9652	0.0711
hayes-roth	0.6875	0.2083	0.7384	0.5062	0.2896
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7200	0.1400	0.2093	-0.0683	0.4953
heart	0.8889	0.1111	0.8845	0.7666	0.4543
heart-attack	0.7419	0.2581	0.7542	0.4918	0.7133
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.8529	0.1471	0.8540	0.7059	0.5460
hepmass10%	0.8613	0.1387	0.8619	0.7227	0.5297
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6591	0.3409	0.6564	0.3108	0.8676
higgs1%	0.7032	0.2968	0.7014	0.4024	0.8173
higgs10%	0.7281	0.2719	0.7268	0.4534	0.7834
higher	0.2143	0.1964	0.2500	0.0610	0.3621
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8938	0.1062	0.7934	0.5719	0.5251
hiva	0.9598	0.0402	0.4897	-0.0084	0.4680
horse	0.6667	0.2222	0.6622	0.4462	0.5822
ht-sensor	0.9995	0.0003	0.9995	0.9993	0.0031
ht-sensor10%	0.9967	0.0022	0.9968	0.9950	0.0160
htru2	0.9782	0.0218	0.9331	0.8658	0.2595
hypothyroid	0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6271	0.3729	0.5455	0.0910	0.9108
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9760	0.0120	0.9766	0.9680	0.0477

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ionosphere	0.9714	0.0286	0.9671	0.9320	0.1146
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8254	0.0134	0.8330	0.8184	0.1465
jm1	0.8026	0.1974	0.6098	0.1846	0.7259
jvowels	0.9197	0.0178	0.9149	0.9090	0.1272
kc1	0.8436	0.1564	0.6315	0.2257	0.6761
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.5420	0.0574	0.7533
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9476	0.0524	0.4866	-0.0021	0.2511
kddcup991%	0.9974	0.0004	0.7988	0.9955	0.0132
kddcup9910%	0.9995	0.0001	0.7836	0.9992	0.0022
kepler	0.8661	0.0893	0.8184	0.7793	0.2396
kidney	0.7512	0.0995	0.1943	-0.0046	0.6962
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krvskp	0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc	0.7556	0.0815	0.7432	0.6867	0.3317
la2s-wc	0.7384	0.0872	0.7172	0.6632	0.3745
labor	0.8333	0.1667	0.8537	0.6667	0.4644
led24	0.6500	0.0778	0.6758	0.6034	0.1970
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8611	0.0185	0.8803	0.8510	0.0615
linkage	0.9998	0.0002	0.9886	0.9769	0.0011
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9999	0.0001	0.9916	0.9831	0.0217
liver	0.6471	0.3529	0.5776	0.1535	0.9051
loan	0.9859	0.0141	0.9850	0.9700	0.0987
localization	0.7354	0.0481	0.5156	0.6647	0.4550
localization10%	0.6529	0.0631	0.3996	0.5566	0.5001
lrs	0.8491	0.0431	0.8065	0.7911	0.1309
lung	0.9048	0.0381	0.7099	0.8082	0.0647
lung_discrete	0.6250	0.1500	0.6000	0.5102	0.2226
lung-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1	0.8500	0.0600	0.8438	0.7087	0.2985
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.6667	0.1111	0.4000	0.5500	0.1046
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.6885	0.3115	0.6891	0.3769	0.8322
magic04	0.8659	0.1341	0.8503	0.6975	0.5264
mammography	0.8021	0.1979	0.8017	0.6000	0.6506
maternal	0.8218	0.1188	0.8234	0.7295	0.3870
messidor	0.6174	0.3826	0.6190	0.2356	0.9019
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.7875	0.7702	0.2056
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.8950	0.0210	0.8953	0.8833	0.1167
mfeat-fou	0.7700	0.0460	0.7674	0.7444	0.1987
mfeat-kar	0.8400	0.0320	0.8426	0.8222	0.1678

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-pix	0.9100	0.0180	0.9117	0.9000	0.1054
mfeat-zer	0.7350	0.0530	0.7403	0.7056	0.2366
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mobile	0.6923	0.0110	0.6950	0.6867	0.1399
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8852	0.1148	0.8770	0.7240	0.2925
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4733	0.0958	0.5061	0.3657	0.5429
musk	0.9697	0.0303	0.9409	0.8812	0.2450
MUT_ci300400a_cdk_ECFP2	0.7998	0.2002	0.7944	0.5887	0.6711
MUT_ci300400a_cdk_ECFP4	0.7964	0.2036	0.7897	0.5791	0.6769
MUT_ci300400a_cdk_ECFP6	0.7401	0.2599	0.7304	0.4595	0.7695
MUT_ci300400a_cdk_ESTATE	0.7626	0.2374	0.7545	0.5086	0.7356
MUT_ci300400a_cdk_EXTENDED	0.8189	0.1811	0.8146	0.6291	0.6336
MUT_ci300400a_cdk_FCFP2	0.8228	0.1772	0.8164	0.6315	0.6213
MUT_ci300400a_cdk_FCFP4	0.8046	0.1954	0.7993	0.5986	0.6621
MUT_ci300400a_cdk_FCFP6	0.7734	0.2266	0.7686	0.5368	0.7164
MUT_ci300400a_cdk_MACCS	0.8249	0.1751	0.8186	0.6350	0.6130
MUT_ci300400a_cdk_PUBCHEM	0.8539	0.1461	0.8490	0.6975	0.5548
MUT_ci300400a_cdk_STANDARD	0.7940	0.2060	0.7866	0.5724	0.6797
MUT_ci300400a_rdkit_descriptors	0.8346	0.1654	0.8301	0.6597	0.5974
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9693	0.0307	0.9693	0.9386	0.1849
NCI60	0.3333	0.2222	0.2857	0.2000	0.2350
nci9	0.3333	0.2222	0.3333	0.2000	0.2651
ncRNA1%	0.8946	0.0111	0.4207	0.6879	0.5378
ncRNA10%	0.9257	0.0078	0.6213	0.7945	0.5358
neo	0.9141	0.0859	0.6897	0.2372	0.3566
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6357	0.3643	0.6345	0.2691	0.8951
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9568	0.0432	0.9470	0.8939	0.2693
NPHA-doctor-visits	0.4583	0.3611	0.3561	-0.0233	0.7025
nursery	0.9992	0.0004	0.9994	0.9989	0.0028
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9932	0.0068	0.9905	0.9810	0.0858
Occupancy_Estimation	0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc	0.8614	0.0277	0.8853	0.8406	0.1232
oh10-wc	0.6762	0.0648	0.6637	0.6287	0.2617
oh15-wc	0.8043	0.0391	0.8174	0.7777	0.1918
oh5-wc	0.7033	0.0593	0.7518	0.6640	0.2616
opn310k	0.9094	0.0906	0.6972	0.3895	0.6311
opn310k10%	0.9123	0.0877	0.6850	0.3575	0.6182
opnat310k-hg16-17	0.9137	0.0863	0.7140	0.4235	0.6168
optdigits	0.9004	0.0199	0.9031	0.8892	0.1340
optdigitsZ	0.9947	0.0053	0.9837	0.9674	0.1218
orl	0.7750	0.0112	0.7286	0.7692	0.0375
orlraws10P	0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9526	0.0474	0.4879	-0.0181	0.6053
ozone8hr	0.9209	0.0791	0.6561	0.2945	0.6140
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8557	0.1443	0.8393	0.6785	0.5726
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8333	0.1667	0.8346	0.6670	0.5914
p53-mutants	0.9949	0.0051	0.5915	0.1097	0.3719

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.8074	0.8382	0.3510
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.9245	0.0755	0.9064	0.8128	0.3991
particle10%	0.8954	0.1046	0.8689	0.7375	0.4869
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5309	0.4691	0.4802	-0.0349	0.9712
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7553	0.5000	0.6507
pediatric-leukemia	0.7647	0.0672	0.7135	0.7119	0.2004
pendigits	0.9636	0.0073	0.9632	0.9595	0.0612
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
phishing	0.9673	0.0327	0.9657	0.9315	0.1998
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.9204	0.0228	0.9158	0.9069	0.0996
phone-acc1%	0.9939	0.0018	0.9936	0.9928	0.0153
phone-acc10%	0.9985	0.0004	0.9984	0.9982	0.0046
phone-gyr0.1%	0.9411	0.0168	0.9365	0.9312	0.0784
phone-gyr1%	0.9950	0.0014	0.9947	0.9942	0.0121
phone-gyr10%	0.9988	0.0003	0.9987	0.9986	0.0034
phoneme	0.8833	0.1167	0.8599	0.7188	0.5278
phy	0.7176	0.2824	0.7177	0.4351	0.7969
pima	0.7237	0.2763	0.7027	0.3824	0.7533
pirvision	0.9928	0.0048	0.9874	0.9772	0.0467
placement	0.7920	0.2080	0.7848	0.5680	0.6809
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.7750	0.0500	0.3600	0.5822	0.2442
poker1%	0.4966	0.1438	0.1469	0.0657	0.4370
poker10%	0.6748	0.0813	0.2823	0.3941	0.3627
polish-1st	0.9758	0.0242	0.8132	0.6102	0.3745
polish-2nd	0.9685	0.0315	0.7421	0.4345	0.3895
polish-3rd	0.9543	0.0457	0.6930	0.3628	0.5321
polish-4th	0.9673	0.0327	0.8168	0.6199	0.3951
polish-5th	0.9577	0.0423	0.8116	0.5946	0.3553
polya	0.7297	0.2703	0.6995	0.3974	0.7975
popularity	0.6446	0.2369	0.4443	0.2200	0.6734
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9851	0.0059	0.9849	0.9814	0.0420
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7230	0.4412	0.7804
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.4242	0.0886	0.3348	0.3476	0.2896
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6119	0.3881	0.5498	0.0993	0.9297
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9889	0.0044	0.9800	0.9851	0.0358
puc-rio10%	0.9771	0.0092	0.9584	0.9692	0.0616
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%	0.4950	0.5050	0.4950	-0.0100	1.0000
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4971	0.5029	0.4971	-0.0059	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9832	0.0168	0.9486	0.8958	0.1738

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
re0-wc	0.7800	0.0338	0.7421	0.7127	0.3006
re1-wc	0.8193	0.0145	0.6838	0.7938	0.1461
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9879	0.0121	0.9878	0.9755	0.0839
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6604	0.3396	0.6553	0.3091	0.8643
RT_IOT2022	0.9984	0.0003	0.9798	0.9959	0.0041
satimage	0.8725	0.0425	0.8534	0.8430	0.2001
satimageF	0.9844	0.0156	0.9605	0.9208	0.2214
satimageT	0.9238	0.0762	0.7750	0.5466	0.5584
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	1.0000	0.0000	1.0000	1.0000	0.0000
schizo	0.4412	0.5588	0.4351	-0.1176	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9167	0.0833	0.4783	-0.0305	0.6521
secondary_mushroom	0.9997	0.0003	0.9997	0.9993	0.0042
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9567	0.0124	0.9615	0.9494	0.0550
segmentation	0.8267	0.1733	0.8073	0.6115	0.6205
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-10-gram	0.8635	0.1365	0.5885	0.0971	0.5599
sens-2-gram	0.8553	0.1447	0.5773	0.1204	0.6805
sens-3-gram	0.8474	0.1526	0.6105	0.2117	0.7295
sens-4-gram	0.8421	0.1579	0.6106	0.2160	0.7387
sens-5-gram	0.8289	0.1711	0.5043	0.0072	0.7662
sens-6-gram	0.8553	0.1447	0.5860	0.1406	0.6882
sens-7-gram	0.8553	0.1447	0.5678	0.0991	0.6711
sens-8-gram	0.8421	0.1579	0.5729	0.1324	0.7393
sens-9-gram	0.8605	0.1395	0.5894	0.1319	0.6470
sensorless	0.9915	0.0016	0.9915	0.9906	0.0161
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8832	0.1168	0.7560	0.5052	0.6077
shuttle	1.0000	0.0000	1.0000	1.0000	0.0000
sick	0.9867	0.0133	0.9444	0.8866	0.1604
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9988	0.0012	0.9982	0.9964	0.0146
skin10%	0.9955	0.0045	0.9932	0.9863	0.0521
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smk_can_187	0.3158	0.6842	0.3167	-0.3646	1.0000
smoking	0.7579	0.2421	0.7408	0.4815	0.7516
solar-flare	0.7914	0.0695	0.6382	0.7320	0.1871
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.9265	0.0077	0.9333	0.9195	0.0388
spam-detection	0.9560	0.0440	0.8671	0.7340	0.4392
spambase	0.9348	0.0652	0.9316	0.8631	0.3261
spect	0.6667	0.3333	0.5452	0.0899	0.8578
spectf	0.8000	0.2000	0.7481	0.4948	0.7085
spectrometer	0.5385	0.0342	0.4451	0.5133	0.1259
splice-EI	0.9653	0.0347	0.9536	0.9069	0.2243
splice-IE	0.9401	0.0599	0.9167	0.8333	0.3600
sport-articles	0.8200	0.1800	0.8037	0.6051	0.6337
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel_industry	0.9021	0.0653	0.8772	0.8411	0.2341
steel-b	0.8718	0.1282	0.8053	0.6105	0.6004
steel-d	0.9692	0.0308	0.7421	0.4841	0.5554
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8205	0.1795	0.8140	0.6217	0.6276
steel-p	0.9282	0.0718	0.7481	0.4946	0.5864
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9949	0.0051	0.9853	0.9701	0.0240
stellar	0.9772	0.0152	0.9735	0.9595	0.0863
stock	0.9792	0.0208	0.9654	0.9306	0.2119
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.5700	0.1720	0.3191	0.3065	0.4769
student-weekend	0.3692	0.2523	0.3207	0.1450	0.7404
student-workday	0.6719	0.1313	0.2463	0.1520	0.5874
studentap	0.3846	0.4103	0.2968	0.0545	0.6172
susy1%	0.7906	0.2094	0.7891	0.5739	0.6707
susy10%	0.7970	0.2030	0.7958	0.5868	0.6565
swarm_aligned	0.9983	0.0017	0.9981	0.9961	0.0117
swarm_flocking	0.9988	0.0012	0.9988	0.9975	0.0132
swarm_grouped	0.9996	0.0004	0.9996	0.9991	0.0038
tae	0.4667	0.3556	0.5072	0.2000	0.6242
texture	0.9418	0.0106	0.9448	0.9359	0.0715
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9684	0.0316	0.9645	0.9288	0.1892
tis	0.8773	0.1227	0.8323	0.6639	0.5562
tis10%	0.8731	0.1269	0.8184	0.6151	0.4870
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1500	0.3636	0.3684	0.1904
tox_171	0.5294	0.2353	0.5596	0.3790	0.3755
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.8235	0.1765	0.8163	0.6277	0.6246
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.5779	0.1519	0.8533
trec11-wc	0.7805	0.0488	0.5412	0.7271	0.1647
trec12-wc	0.8387	0.0403	0.8739	0.8033	0.1051
trec21-wc	0.7273	0.1091	0.6856	0.4176	0.3910
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	0.9247	0.0251	0.9403	0.9004	0.1332
trec41-wc	0.9205	0.0159	0.7496	0.9025	0.0705
trec45-wc	0.8986	0.0203	0.8295	0.8821	0.0982
tuandromd	0.9821	0.0179	0.9722	0.9443	0.1640
turkish	0.7000	0.1500	0.6943	0.6000	0.3922
tvnews	0.9353	0.0647	0.9299	0.8590	0.3193
tvnews1%	0.8308	0.1692	0.8159	0.6303	0.6138
tvnews10%	0.8782	0.1218	0.8682	0.7362	0.5052
ur3_cobotops_grip	0.9755	0.0245	0.7604	0.4282	0.2319
ur3_cobotops_stop	0.9728	0.0272	0.7942	0.5860	0.4812
urban	0.8060	0.0431	0.8082	0.7721	0.1684
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7619	0.1190	0.7157	0.6782	0.2172
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vrnormat310k-hg16-17	0.9053	0.0947	0.6999	0.3988	0.6448
wap-wc	0.6923	0.0308	0.5761	0.6506	0.2131
warpar10p	0.7692	0.0462	0.6160	0.7400	0.0585
warppie10p	0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc1%	0.9876	0.0036	0.9873	0.9855	0.0282
watch-acc10%	0.9988	0.0004	0.9987	0.9985	0.0038
watch-gyr1%	0.9900	0.0029	0.9899	0.9883	0.0227
waveform	0.7840	0.1440	0.7846	0.6759	0.4514
web-phishing	0.8148	0.1235	0.6979	0.6672	0.4166
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9987	0.0005	0.9985	0.9984	0.0040
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0346
wilt	0.9876	0.0124	0.9342	0.8685	0.2770
wine	0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red	0.6164	0.1279	0.2996	0.3868	0.4947
winequality-white	0.5583	0.1472	0.3561	0.3286	0.5762
winnipeg	0.9918	0.0023	0.9850	0.9897	0.0271
winnipeg10%	0.9807	0.0055	0.9846	0.9755	0.0388
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.6250	0.0500	0.5106	0.5949	0.0862
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.8785	0.0243	0.8669	0.8638	0.1752

Table 268: Detailed results for CALIFOREST(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9837	0.0163	0.6846	0.2522	0.2894
accident	0.5000	0.5000	0.5000	0.0000	0.9713
ads	0.9787	0.0213	0.9547	0.9073	0.1433
adult	0.8591	0.1409	0.7914	0.5710	0.5763
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9998	0.0002	0.9850	0.9696	0.0014
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red	0.9948	0.0052	0.7250	0.2428	0.0223
aids	0.8920	0.1080	0.8466	0.6848	0.4742
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8536	0.1464	0.6166	0.0598	0.3952
airline	0.9601	0.0399	0.9595	0.9185	0.2149
alcohol	0.8571	0.0571	0.5645	0.6663	0.1556
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9349	0.0651	0.9283	0.8549	0.3122
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9805	0.0097	0.9475	0.9628	0.0498
anuran-genus	0.9819	0.0045	0.9403	0.9702	0.0860
anuran-species	0.9889	0.0022	0.9759	0.9845	0.0325
anxiety	0.0833	0.2037	0.0535	-0.0360	0.6792
apple-quality	0.8775	0.1225	0.8800	0.7550	0.4700
aps-failure	0.9929	0.0071	0.8906	0.7733	0.2270
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.7778	0.0444	0.6287	0.6377	0.2270
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9064	0.8667	0.0861
avila	0.9962	0.0006	0.9957	0.9950	0.0150
balance	0.9194	0.0538	0.6335	0.8485	0.1327
bank	0.9114	0.0886	0.7619	0.5202	0.5843
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8986	0.1014	0.8897	0.7723	0.4007
basehock	0.9749	0.0251	0.9749	0.9497	0.1578
bio	0.9975	0.0025	0.9233	0.8413	0.1457
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.9048	0.0952	0.9003	0.8000	0.4323
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9870	0.0037	0.3534	0.1354	0.0170
body-perf	0.7343	0.1328	0.7370	0.6458	0.4059
bookings	0.0101	0.6599	0.0067	0.0000	0.3560
brain-tumor	0.5020	0.4980	0.6006	0.0010	0.5281
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.7273	0.0909	0.7015	0.6765	0.1388
bridges	0.9000	0.0333	0.7895	0.8571	0.0318
bub10at310k-hg16-17	0.9223	0.0777	0.7059	0.3445	0.4683
bub12at310k-hg16-17	0.9201	0.0799	0.6943	0.3193	0.4800
bub8at310k-hg16-17	0.9194	0.0806	0.7180	0.4212	0.5794
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9598	0.0201	0.9436	0.9160	0.1671
car-insurance	0.8370	0.1630	0.8097	0.6193	0.6243
card	0.9420	0.0580	0.9407	0.8799	0.2783
cardiotocography	0.8920	0.0216	0.8952	0.8708	0.1355
cardiotocography-nsp	0.9484	0.0344	0.9069	0.8518	0.1890
cardiovascular	0.7150	0.2850	0.7169	0.4299	0.7910
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8750	0.0833	0.8308	0.7727	0.3512
cas_N6512_cdk_ECFP2	0.7158	0.2842	0.7199	0.4348	0.7854
cas_N6512_rdkit_ATOMPAIR	0.7446	0.2554	0.7425	0.4845	0.7588
cas_N6512_RDkit_AtomPair_FP	0.7531	0.2469	0.7510	0.5017	0.7458
cas_N6512_rdkit_AVALON	0.7880	0.2120	0.7883	0.5755	0.6842
cas_N6512_RDkit_Avalon_FP	0.7883	0.2117	0.7913	0.5782	0.6732
cas_N6512_rdkit_descriptors	0.7877	0.2123	0.7865	0.5731	0.6883
cas_N6512_rdkit_FEATMORGAN	0.7112	0.2888	0.7112	0.4217	0.8042
cas_N6512_RDkit_Featmorgan_FP	0.7592	0.2408	0.7572	0.5136	0.7352
cas_N6512_RDkit_FP	0.7684	0.2316	0.7678	0.5353	0.7205
cas_N6512_rdkit_LAYERED	0.7954	0.2046	0.7979	0.5919	0.6620
cas_N6512_RDkit_Layered_FP	0.7577	0.2423	0.7559	0.5115	0.7390
cas_N6512_rdkit_MACCS	0.7880	0.2120	0.7867	0.5734	0.6878
cas_N6512_RDkit_MACCS_FP	0.7975	0.2025	0.7988	0.5954	0.6632
cas_N6512_rdkit_MORGAN	0.7554	0.2446	0.7537	0.5028	0.7312
cas_N6512_RDkit_morgan_FP	0.7515	0.2485	0.7505	0.5008	0.7484
cas_N6512_rdkit_PATTERN	0.7923	0.2077	0.7911	0.5822	0.6800
cas_N6512_RDkit_pattern_FP	0.7730	0.2270	0.7713	0.5422	0.7134
cas_N6512_rdkit_RDKITFP	0.7834	0.2166	0.7825	0.5649	0.6956
cas_N6512_rdkit_TORSION	0.7308	0.2692	0.7304	0.4603	0.7781

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8491	0.1006	0.4223	0.1753	0.3038
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.7956	0.5913	0.6594
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9468	0.0532	0.5693	0.0844	0.5025
census10%	0.9525	0.0475	0.7405	0.4287	0.4121
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9414	0.0293	0.9386	0.9127	0.1377
chrom19	0.9998	0.0002	0.9496	0.8969	0.0992
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%	0.9995	0.0005	0.8570	0.6894	0.1704
chronic-kidney	0.9277	0.0723	0.6909	0.1332	0.1784
churn	0.8460	0.1540	0.7313	0.4303	0.6043
churn-bigml	0.9625	0.0375	0.9218	0.8359	0.1979
ci900367j_MACCS	0.7579	0.2421	0.7511	0.4992	0.7379
circles	0.9990	0.0000	0.9990	0.9990	0.0005
cirrhosis	0.7381	0.1746	0.5065	0.4420	0.3443
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8343	0.0829	0.7401	0.7404	0.3410
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5238	0.3175	0.5024	0.2485	0.7151
cnae-9	0.9630	0.0082	0.9649	0.9583	0.0420
codon_usage	0.9179	0.0149	0.7664	0.8999	0.1245
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7931	0.2069	0.7632	0.5193	0.6844
colposcopies-2	0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3	0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.7586	0.2414	0.7929	0.5085	0.4545
colposcopies-c	0.8966	0.1034	0.8560	0.6692	0.2534
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.8065	0.1290	0.7333	0.6810	0.2682
connect-4	0.9842	0.0106	0.6582	0.5313	0.1979
cottonmeloidogyne	0.7644	0.2356	0.7654	0.5292	0.7223
coupon	0.7429	0.2571	0.7356	0.4687	0.7606
covid19	0.5332	0.1334	0.2020	0.1641	0.3671
covtype	0.9589	0.0117	0.9367	0.9339	0.1262
covtype10%	0.7818	0.0624	0.7244	0.6401	0.3299
covtypeCD	0.9851	0.0149	0.9681	0.9360	0.1551
covtypeT	0.9784	0.0216	0.9142	0.8273	0.2912
crabs	0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans	0.9997	0.0003	0.9519	0.9009	0.0733
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9502	0.0166	0.8869	0.8978	0.1467
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.5000	0.0312	0.4483	0.4839	0.0941
customer-churn	0.9798	0.0202	0.6547	0.2335	0.4021

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cybersecurity	0.1767	0.2744	0.1150	0.0042	0.6612
cyclopentane	0.6667	0.3333	0.6582	0.3077	0.8482
cylinder-bands	0.8333	0.1667	0.8308	0.6611	0.6017
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1012	0.1798	0.0886	-0.0006	0.6270
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8267	0.1733	0.7170	0.4084	0.6532
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9067	0.0933	0.7492	0.4897	0.5830
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9267	0.9328	0.0594
desharnais	0.7500	0.1667	0.7879	0.6098	0.3703
dexter	0.9667	0.0333	0.9677	0.9333	0.1598
df_final	0.8125	0.1250	0.8272	0.7108	0.2451
DIA	0.8833	0.1167	0.8416	0.6316	0.2737
diabetes	0.9808	0.0192	0.9799	0.9590	0.0927
diabetes-100k	0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk	0.9132	0.0868	0.8632	0.7241	0.4597
diabetic1%	0.6078	0.2614	0.3957	0.2085	0.4426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7562	0.0975	0.7601	0.6528	0.3238
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota2	0.5711	0.4289	0.5663	0.1294	0.9451
dota210%	0.5670	0.4330	0.5615	0.1155	0.9337
drebin	0.9920	0.0080	0.9915	0.9828	0.0521
dropout	0.7630	0.1580	0.6713	0.5975	0.4529
drug-01	0.3936	0.1733	0.1202	-0.0033	0.3624
drug-02	0.5000	0.1429	0.1454	0.0363	0.4455
drug-03	0.6862	0.1046	0.2326	0.1066	0.3842
drug-04	0.5160	0.1383	0.1004	0.0208	0.3704
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2671	0.2788	0.4202
drug-07	0.4255	0.1915	0.0995	-0.0087	0.2894
drug-08	0.5798	0.1201	0.1793	0.0997	0.2643
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5372	0.1322	0.1009	0.0066	0.3184
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6117	0.1109	0.1698	0.2213	0.3338
drug-14	0.6064	0.1125	0.2765	0.3004	0.4384
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6117	0.1294	0.3284	0.3440	0.3969
drug-17	0.4096	0.1687	0.1771	0.1730	0.4403
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9170	0.0237	0.9298	0.8996	0.1317
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2000	0.4000	0.2063	-0.0674	0.8530

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
eeg	0.5312	0.0586	0.5570	0.4789	0.5313
eeg-eye	0.8565	0.1435	0.8547	0.7086	0.5437
eeg10%	0.4501	0.0687	0.4596	0.3880	0.5356
email_phishing	0.9902	0.0098	0.7673	0.4584	0.2270
eucalyptus	0.5753	0.1699	0.5515	0.4443	0.3774
euthyroid	0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq10%	0.9613	0.0387	0.9612	0.9224	0.2204
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.9082	0.0918	0.9095	0.8142	0.3765
fbis-wc	0.8577	0.0167	0.7948	0.8380	0.0931
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6667	0.3333	0.6685	0.3346	0.8537
financial-risk	0.8790	0.0403	0.6671	0.8053	0.1736
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.7000	0.0857	0.4338	0.6178	0.1978
fonts10%	0.0073	0.0130	0.0001	0.0000	0.3519
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.9942	0.0019	0.9941	0.9930	0.0151
gastrointestinal	1.0000	0.0000	1.0000	1.0000	0.0000
gender	0.5979	0.2681	0.4701	0.1419	0.5407
gene	0.9464	0.0358	0.9407	0.9141	0.1713
german	0.7600	0.2400	0.7248	0.4103	0.6710
gestures	0.9452	0.0274	0.9453	0.9269	0.1345
gina	0.9424	0.0576	0.9426	0.8846	0.2899
gisette	0.9743	0.0257	0.9743	0.9486	0.1615
glass	0.7143	0.0952	0.6999	0.6050	0.3157
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8813	0.7590	0.4804
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.4750	0.2727	0.5717
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.9597	0.0067	0.8777	0.9524	0.0440
har	0.9842	0.0063	0.9831	0.9800	0.0403
har70	0.9377	0.0178	0.7119	0.9069	0.1176
har701%	0.9142	0.0245	0.5379	0.8728	0.1100
har7010%	0.9321	0.0194	0.6538	0.8984	0.1076
harth1%	0.8771	0.0205	0.6017	0.8317	0.1813
harth10%	0.8911	0.0182	0.6712	0.8512	0.1736
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.5882	0.4118	0.5353	0.0480	0.8463
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9900	0.0100	0.9884	0.9767	0.0698
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.8491	0.1509	0.8514	0.6985	0.5459

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.7539	0.2461	0.7526	0.5047	0.7439
higgs0.1%	0.6927	0.3073	0.6942	0.3867	0.8250
higgs1%	0.7057	0.2943	0.7042	0.4082	0.8143
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.3571	0.1607	0.2679	0.2222	0.2572
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8870	0.1130	0.7805	0.5487	0.5584
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6667	0.2222	0.6489	0.4050	0.4748
hotel-reservartions	0.9123	0.0877	0.8994	0.7979	0.4089
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.9916	0.0056	0.9919	0.9873	0.0344
ht-sensor10%	0.9904	0.0064	0.9908	0.9856	0.0371
htru2	0.9771	0.0229	0.9294	0.8581	0.2638
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7288	0.2712	0.6560	0.0817	0.4230
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9114	0.0068	0.9148	0.9079	0.0741
jm1	0.8228	0.1772	0.6507	0.2132	0.5861
jvowels	0.9809	0.0042	0.9785	0.9784	0.0307
kc1	0.8673	0.1327	0.6994	0.3535	0.5873
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.8504	0.0428	0.8521	0.8254	0.2401
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.8954	0.0697	0.8574	0.8278	0.1998
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7319	0.0298	0.7896	0.7000	0.2778
krvskp	0.9655	0.0345	0.9663	0.9311	0.1844
la1s-wc	0.8825	0.0392	0.8667	0.8515	0.1896
la2s-wc	0.8775	0.0408	0.8635	0.8442	0.1887
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0230	0.7083	0.7226	0.0659
led24	0.6500	0.0778	0.6865	0.6000	0.1971
letter	0.9445	0.0043	0.9446	0.9423	0.0639
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8333	0.0222	0.8581	0.8210	0.0779
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0001
liver	0.7941	0.2059	0.7532	0.4936	0.6779
loan	0.9883	0.0117	0.9876	0.9749	0.0628
localization	0.6819	0.0578	0.4719	0.5918	0.4341
localization10%	0.6578	0.0622	0.3919	0.5575	0.4280
lrs	0.8302	0.0485	0.7980	0.7655	0.1767
lung	0.9048	0.0381	0.9021	0.8190	0.1639
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.7577	0.2423	0.7583	0.5154	0.7343
magic04	0.8743	0.1257	0.8601	0.7181	0.5092
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8460	0.6883	0.5624
marketing	0.9018	0.0982	0.7781	0.5259	0.4874
maternal	0.8416	0.1056	0.8450	0.7587	0.3503
math	0.8000	0.1000	0.7475	0.6926	0.3524
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2200	0.3120	0.1279	0.0159	0.5349
messidor	0.6696	0.3304	0.6694	0.3369	0.8520
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9550	0.0090	0.9560	0.9500	0.0520
mfeat-fou	0.8050	0.0390	0.8089	0.7833	0.1567
mfeat-kar	0.9750	0.0050	0.9756	0.9722	0.0315
mfeat-mor	0.7400	0.0520	0.7207	0.7111	0.1706
mfeat-pix	0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-zer	0.8050	0.0390	0.8062	0.7833	0.1398
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5004	0.4469	0.3866
mobile	0.9441	0.0020	0.9501	0.9430	0.0254
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9672	0.0328	0.9641	0.9257	0.1307
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4883	0.0930	0.5272	0.3802	0.5078
musk	0.9606	0.0394	0.9217	0.8347	0.1889
MUT_ci300400a_cdk_ECFP2	0.7734	0.2266	0.7728	0.5424	0.7068
MUT_ci300400a_cdk_ECFP4	0.7832	0.2168	0.7757	0.5510	0.7003
MUT_ci300400a_cdk_ECFP6	0.7557	0.2443	0.7489	0.4979	0.7468
MUT_ci300400a_cdk_ESTATE	0.7662	0.2338	0.7570	0.5114	0.7250
MUT_ci300400a_cdk_EXTENDED	0.8237	0.1763	0.8183	0.6365	0.6237
MUT_ci300400a_cdk_FCFP2	0.7665	0.2335	0.7605	0.5210	0.7290
MUT_ci300400a_cdk_FCFP4	0.8118	0.1882	0.8053	0.6099	0.6460
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.8177	0.1823	0.8122	0.6243	0.6361
MUT_ci300400a_cdk_PUBCHEM	0.8263	0.1737	0.8207	0.6412	0.6178
MUT_ci300400a_cdk_STANDARD	0.8575	0.1425	0.8535	0.7070	0.5498
MUT_ci300400a_rdkit_descriptors	0.8434	0.1566	0.8391	0.6771	0.5760
myocardial	0.8882	0.0279	0.3177	0.4309	0.0941
naticusdroid	0.9669	0.0331	0.9670	0.9339	0.1949
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.5000	0.1667	0.4000	0.4000	0.1569
ncRNA	0.9621	0.0040	0.8312	0.8981	0.2341
ncRNA1%	0.9196	0.0085	0.5252	0.7722	0.3396

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ncRNA10%	0.9304	0.0073	0.6460	0.8060	0.4004
neo	0.9204	0.0796	0.7275	0.4173	0.5114
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6743	0.3257	0.6729	0.3458	0.8534
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9629	0.0371	0.9546	0.9092	0.2455
NPHA-doctor-visits	0.5417	0.3056	0.4151	0.0361	0.3592
nursery	0.9823	0.0089	0.9646	0.9740	0.0511
obesity	0.9289	0.0203	0.9300	0.9170	0.0894
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9932	0.0068	0.9905	0.9810	0.0858
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0115
oh0-wc	0.9604	0.0079	0.9624	0.9548	0.0426
oh10-wc	0.8381	0.0324	0.8372	0.8155	0.1444
oh15-wc	0.8913	0.0217	0.9007	0.8765	0.1116
oh5-wc	0.9231	0.0154	0.9293	0.9132	0.0790
ohscal-wc	0.7939	0.0412	0.7813	0.7693	0.2807
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9246	0.0754	0.7289	0.4299	0.5286
opn310k10%	0.9256	0.0744	0.7157	0.3764	0.4789
opnat310k-hg16-17	0.9258	0.0742	0.7286	0.4159	0.4946
optdigits	0.9662	0.0068	0.9679	0.9624	0.0497
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9000	0.0050	0.8743	0.8974	0.0168
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9368	0.0632	0.7246	0.2575	0.1626
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8557	0.1443	0.8435	0.6854	0.5704
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8996	0.7943	0.4192
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9872	0.0051	0.9488	0.9273	0.1045
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9052	0.0948	0.8989	0.7977	0.4265
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.9266	0.0734	0.9096	0.8191	0.3953
particle10%	0.9215	0.0785	0.9037	0.8073	0.4138
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5773	0.4227	0.3660	-0.0103	0.5851
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia	0.8529	0.0420	0.8513	0.8188	0.1371
pendigits	0.9927	0.0015	0.9929	0.9919	0.0131
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7988	0.2012	0.7823	0.5626	0.6763
personalities	0.9620	0.0047	0.9621	0.9595	0.0665
pet-adoption	0.9400	0.0600	0.9319	0.8600	0.2695
phishing	0.9673	0.0327	0.9657	0.9315	0.1998
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.8913	0.0311	0.8833	0.8728	0.1100
phone-acc1%	0.9133	0.0248	0.9070	0.8986	0.0965
phone-gyr0.1%	0.9160	0.0240	0.9106	0.9018	0.1149
phone-gyr1%	0.9327	0.0192	0.9273	0.9213	0.0905
phone-gyr10%	0.9956	0.0012	0.9951	0.9949	0.0090
phoneme	0.9130	0.0870	0.8913	0.7818	0.4256

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phy	0.7074	0.2926	0.7076	0.4149	0.8104
pima	0.6974	0.3026	0.6716	0.3235	0.8000
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7860	0.2140	0.7786	0.5486	0.6723
plant-growth	0.7368	0.2632	0.7738	0.4571	0.4644
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5668	0.1238	0.3151	0.1725	0.2944
poker10%	0.6243	0.0939	0.3256	0.2987	0.2749
polish-1st	0.9772	0.0228	0.8204	0.5898	0.2045
polish-2nd	0.9607	0.0393	0.6652	0.2931	0.5111
polish-3rd	0.9495	0.0505	0.5641	0.0592	0.4351
polish-4th	0.9612	0.0388	0.7702	0.5067	0.4052
polish-5th	0.9543	0.0457	0.7931	0.5496	0.3677
polya	0.7816	0.2184	0.7545	0.5001	0.6974
popularity	0.6812	0.2125	0.4313	0.2592	0.4526
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9726	0.0110	0.9724	0.9657	0.0643
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6847	0.3529	0.8074
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.1026	0.2504	0.2614	0.3527
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7164	0.2836	0.6558	0.1989	0.6087
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9885	0.0046	0.9821	0.9846	0.0326
puc-rio10%	0.9861	0.0056	0.9755	0.9814	0.0378
pufs-1281%	0.4950	0.5050	0.4949	-0.0101	0.9990
pufs-641%	0.5029	0.4971	0.5033	0.0054	0.9301
pufs-6410%	0.4993	0.5007	0.4819	-0.0019	0.5834
pulsar	0.9832	0.0168	0.9484	0.8941	0.1404
raisin	0.9111	0.0889	0.9111	0.8222	0.3993
re0-wc	0.8733	0.0195	0.8209	0.8320	0.1204
re1-wc	0.8253	0.0140	0.5912	0.7997	0.0958
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9874	0.0126	0.9873	0.9744	0.0880
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.7126	0.2874	0.6971	0.3909	0.8075
RT_IOT2022	0.9989	0.0002	0.9805	0.9973	0.0020
satimage	0.9005	0.0332	0.8870	0.8769	0.1568
satimageF	0.9891	0.0109	0.9718	0.9435	0.1479
satimageT	0.9440	0.0560	0.8264	0.6191	0.3240
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5588	0.4412	0.6461	0.1176	0.5228
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.9810	0.0190	0.9808	0.9615	0.1284
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9697	0.0087	0.9737	0.9646	0.0384
segmentation	0.8564	0.1436	0.8452	0.6900	0.5660
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-3-gram	0.8842	0.1158	0.6907	0.2128	0.3478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-4-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-5-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-6-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-7-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sens-8-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sens-9-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sensorless	0.9976	0.0004	0.9976	0.9974	0.0052
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8978	0.1022	0.7893	0.5731	0.5619
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9788	0.0212	0.9084	0.7987	0.0728
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9991	0.0009	0.9986	0.9971	0.0164
skin10%	0.9992	0.0008	0.9988	0.9975	0.0129
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2400	0.3800	0.1586	-0.0270	0.5873
smk_can_187	0.5789	0.4211	0.5866	0.1264	0.8084
smoking	0.8393	0.1607	0.8329	0.6629	0.5941
soil_pollution	0.2100	0.3160	0.1971	0.0058	0.6657
solar-flare	0.7626	0.0791	0.6159	0.6933	0.1852
sonar	0.8000	0.2000	0.8000	0.6000	0.6644
soybean	1.0000	0.0000	1.0000	1.0000	0.0000
spam-detection	0.9495	0.0505	0.8643	0.7240	0.4959
spambase	0.9391	0.0609	0.9363	0.8725	0.3126
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
splice-EI	0.9685	0.0315	0.9579	0.9157	0.2138
splice-IE	0.9464	0.0536	0.9261	0.8522	0.3405
sport-articles	0.8300	0.1700	0.8188	0.6374	0.6209
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8987	0.0675	0.8717	0.8354	0.2332
steel-b	0.8821	0.1179	0.8128	0.6211	0.5536
steel-d	0.9897	0.0103	0.9069	0.7950	0.0398
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8103	0.1897	0.7870	0.5720	0.6618
steel-p	0.9282	0.0718	0.7481	0.4946	0.5864
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9795	0.0205	0.9450	0.8886	0.3044
stellar	0.9779	0.0147	0.9744	0.9607	0.0832
stock	0.9028	0.0972	0.8206	0.6135	0.4217
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9940	0.0060	0.9939	0.9879	0.0490
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.5700	0.1720	0.3193	0.2835	0.4398
student-depression	0.8315	0.1685	0.8251	0.6479	0.5991
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4000	0.2400	0.2490	0.1427	0.5881
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.3439	0.1250	0.4979
susy1%	0.7932	0.2068	0.7928	0.5777	0.6544
susy10%	0.7951	0.2049	0.7941	0.5824	0.6572
tae	0.6000	0.2667	0.6082	0.4000	0.5332
telco-churn	0.9020	0.0980	0.8707	0.7385	0.4544
texture	0.9836	0.0030	0.9847	0.9820	0.0241
theorem	0.9951	0.0049	0.9950	0.9899	0.0434
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
thrombin	0.9738	0.0262	0.6386	0.2727	0.5721
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.9155	0.0845	0.8829	0.7623	0.4110
tis10%	0.8657	0.1343	0.8067	0.5877	0.5004
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7536	0.3929	0.4155
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5824	0.1641	0.8579
trec11-wc	0.9268	0.0163	0.8676	0.9098	0.0238
trec12-wc	0.9355	0.0161	0.9399	0.9223	0.0292
trec21-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec23-wc	0.9048	0.0317	0.8015	0.8618	0.0774
trec31-wc	0.9462	0.0179	0.9301	0.9288	0.1033
trec41-wc	0.9432	0.0114	0.8522	0.9304	0.0612
trec45-wc	0.9420	0.0116	0.8650	0.9321	0.0458
tuandromd	0.9843	0.0157	0.9769	0.9527	0.1774
turkish	0.8000	0.1000	0.7970	0.7333	0.2083
tvnews	0.9611	0.0389	0.9580	0.9159	0.2294
tvnews1%	0.9154	0.0846	0.9085	0.8160	0.3871
tvnews10%	0.9083	0.0917	0.9011	0.8023	0.4220
ur3_cobotops_grip	0.9782	0.0218	0.7936	0.5202	0.2184
ur3_cobotops_stop	0.9714	0.0286	0.7507	0.4491	0.3641
urban	0.8507	0.0332	0.8744	0.8253	0.1333
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7738	0.1131	0.7213	0.6926	0.1907
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6465	0.0643	0.6654	0.6111	0.2116
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.8077	0.0192	0.6781	0.7838	0.1167
warpar10p	0.9231	0.0154	0.9583	0.9133	0.0343
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9509	0.0140	0.9495	0.9425	0.0723
watch-acc10%	0.9991	0.0003	0.9991	0.9989	0.0028
watch-gyr	0.9999	0.0000	0.9999	0.9999	0.0003
watch-gyr1%	0.9457	0.0155	0.9439	0.9366	0.0720
watch-gyr10%	0.9593	0.0116	0.9577	0.9524	0.0541
water_pollution	0.2433	0.3783	0.1947	-0.0187	0.5891
waveform	0.8520	0.0987	0.8522	0.7780	0.3493
weather-related	0.9769	0.0042	0.9801	0.9739	0.0364
web-phishing	0.8815	0.0790	0.8684	0.7940	0.3657
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9982	0.0007	0.9980	0.9977	0.0055
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9814	0.0186	0.9124	0.8204	0.4051
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6918	0.1027	0.3350	0.5005	0.3432
winequality-white	0.6401	0.1200	0.4457	0.4453	0.4392
winnipeg10%	0.9929	0.0020	0.9942	0.9911	0.0174
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.6875	0.0417	0.6397	0.6653	0.0802
yeast	0.6081	0.0871	0.4585	0.4917	0.3483

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9430	0.0114	0.9374	0.9361	0.0894

Table 269: Detailed results for CALIFOREST(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.7061	0.4084	0.6173
accelerometer	0.9837	0.0163	0.6862	0.2724	0.3198
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9726	0.0274	0.9416	0.8761	0.0941
adult	0.8610	0.1390	0.7963	0.5855	0.5851
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8000	0.2000	0.4444	-0.0357	0.6563
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9998	0.0002	0.9850	0.9696	0.0014
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red	0.9943	0.0057	0.6685	0.2256	0.2865
aids	0.9014	0.0986	0.8605	0.7123	0.4372
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8536	0.1464	0.6451	0.0373	0.3118
airline	0.9603	0.0397	0.9597	0.9187	0.2131
alcohol	0.8667	0.0533	0.7004	0.7013	0.1787
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9349	0.0651	0.9290	0.8532	0.2777
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9805	0.0097	0.9453	0.9628	0.0494
anuran-genus	0.9736	0.0066	0.9246	0.9565	0.1048
anuran-species	0.9847	0.0031	0.9640	0.9788	0.0452
anxiety	0.0750	0.2056	0.0504	-0.0480	0.7093
apple-quality	0.8725	0.1275	0.8733	0.7450	0.4994
aps-failure	0.9933	0.0067	0.9001	0.7982	0.2792
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.9000	0.1000	0.9010	0.7826	0.2846
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9032	0.8667	0.0854
avila	0.9919	0.0014	0.9882	0.9894	0.0301
balance	0.8871	0.0753	0.6122	0.7873	0.2076
bank	0.9119	0.0881	0.7660	0.5295	0.5853
banknote	0.9708	0.0292	0.9715	0.9413	0.1580
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8843	0.7626	0.4240
basehock	0.9849	0.0151	0.9849	0.9698	0.1049
bio	0.9977	0.0023	0.9297	0.8535	0.1106
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.9048	0.0952	0.8990	0.7981	0.4308
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
body-perf	0.7328	0.1336	0.7343	0.6438	0.4052
bookings	0.9921	0.0052	0.8442	0.9833	0.0281
brain-tumor	0.4995	0.5005	0.4775	-0.0039	0.6129
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue	0.8182	0.0606	0.7636	0.7755	0.1061
bridges	0.9000	0.0333	0.7895	0.8571	0.0318
bub10at310k-hg16-17	0.9219	0.0781	0.7038	0.3418	0.4746
bub12at310k-hg16-17	0.9195	0.0805	0.6874	0.2805	0.4391
bub8at310k-hg16-17	0.9191	0.0809	0.7122	0.4047	0.5728
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4920	0.3387	0.2198	-0.0018	0.3565
car	0.9655	0.0172	0.9634	0.9282	0.1593
car-insurance	0.8280	0.1720	0.8011	0.6021	0.6435
card	0.8696	0.1304	0.8703	0.7231	0.4278
cardiotocography	0.8920	0.0216	0.8997	0.8710	0.1350
cardiotocography-nsp	0.9624	0.0250	0.9213	0.8942	0.1349
cardiovascular	0.7126	0.2874	0.7136	0.4251	0.7988
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.7479	0.6815	0.3452
cas_N6512_cdk_ECFP2	0.7189	0.2811	0.7256	0.4428	0.7713
cas_N6512_rdkit_ATOMPAIR	0.7492	0.2508	0.7479	0.4958	0.7523
cas_N6512_RDkit_AtomPair_FP	0.7423	0.2577	0.7405	0.4809	0.7630
cas_N6512_rdkit_AVALON	0.7926	0.2074	0.7926	0.5844	0.6768
cas_N6512_RDkit_Avalon_FP	0.7868	0.2132	0.7917	0.5762	0.6673
cas_N6512_rdkit_descriptors	0.7862	0.2138	0.7850	0.5701	0.6910
cas_N6512_rdkit_FEATMORGAN	0.7296	0.2704	0.7278	0.4557	0.7818
cas_N6512_RDkit_Featmorgan_FP	0.7592	0.2408	0.7581	0.5096	0.7194
cas_N6512_RDkit_FP	0.7883	0.2117	0.7873	0.5746	0.6870
cas_N6512_rdkit_LAYERED	0.7877	0.2123	0.7880	0.5749	0.6847
cas_N6512_RDkit_Layered_FP	0.7653	0.2347	0.7641	0.5282	0.7266
cas_N6512_rdkit_MACCS	0.7957	0.2043	0.7942	0.5884	0.6736
cas_N6512_RDkit_MACCS_FP	0.8083	0.1917	0.8078	0.6153	0.6488
cas_N6512_rdkit_MORGAN	0.7692	0.2308	0.7673	0.5339	0.7187
cas_N6512_RDkit_morgan_FP	0.7623	0.2377	0.7633	0.5248	0.7258
cas_N6512_rdkit_PATTERN	0.7877	0.2123	0.7862	0.5725	0.6882
cas_N6512_RDkit_pattern_FP	0.7776	0.2224	0.7758	0.5508	0.7041
cas_N6512_rdkit_RDKITFP	0.7849	0.2151	0.7845	0.5686	0.6918
cas_N6512_rdkit_TORSION	0.7277	0.2723	0.7257	0.4512	0.7845
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8492	0.1005	0.4233	0.1849	0.3099

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7927	0.2073	0.7781	0.5548	0.6931
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9468	0.0532	0.5693	0.0844	0.5025
census10%	0.9525	0.0475	0.7395	0.4205	0.3988
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9399	0.0301	0.9320	0.9104	0.1378
chrom19	0.9998	0.0002	0.9428	0.8828	0.1143
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9995	0.0005	0.8570	0.6894	0.1704
chronic-kidney	0.9458	0.0542	0.7819	0.4503	0.1466
churn	0.8570	0.1430	0.7552	0.4878	0.5902
churn-bigml	0.9663	0.0337	0.9299	0.8540	0.1878
ci900367j_MACCS	0.6842	0.3158	0.6452	0.2567	0.7938
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4692	0.3576	0.4823
cjs	0.9929	0.0024	0.9929	0.9913	0.0120
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8278	0.0861	0.7137	0.7321	0.3950
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.7500	0.1667	0.8028	0.6000	0.3320
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5510	0.2993	0.5338	0.3009	0.6662
cnae-9	0.9537	0.0103	0.9565	0.9479	0.0513
codon_usage	0.9263	0.0134	0.8533	0.9105	0.1363
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.8831	0.1169	0.8606	0.7179	0.5302
collins	0.9800	0.0027	0.9667	0.9780	0.0066
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2	0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3	0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.7241	0.2759	0.7273	0.4502	0.7761
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.9840	0.0107	0.6786	0.5270	0.2712
cottonmeloidogyne	0.7548	0.2452	0.7557	0.5099	0.7381
coupon	0.7342	0.2658	0.7270	0.4528	0.7763
covid19	0.5337	0.1332	0.2043	0.1635	0.3588
covtype	0.9564	0.0125	0.9321	0.9299	0.1391
covtype10%	0.7845	0.0616	0.7375	0.6456	0.3573
covtypeCD	0.9846	0.0154	0.9669	0.9336	0.1512
covtypeT	0.9795	0.0205	0.9190	0.8374	0.2905
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans	0.9996	0.0004	0.9347	0.8603	0.0026
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9419	0.0194	0.8515	0.8827	0.2703
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.4062	0.0371	0.3174	0.3871	0.1181
customer-churn	0.9802	0.0198	0.6738	0.2900	0.4255
cybersecurity	0.1700	0.2767	0.1003	-0.0078	0.5733
cyclopentane	0.6667	0.3333	0.6750	0.3415	0.8344

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cylinder-bands	0.7963	0.2037	0.8026	0.5948	0.6428
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1012	0.1798	0.0631	-0.0008	0.4940
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8273	0.1727	0.7188	0.4136	0.6545
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9067	0.0933	0.7453	0.4781	0.5755
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.5919	0.2889	0.5108
dexter	0.9500	0.0500	0.9523	0.9000	0.2092
df_final	0.8125	0.1250	0.8296	0.7073	0.2330
DIA	0.8500	0.1500	0.7849	0.5500	0.5687
diabetes	0.9808	0.0192	0.9799	0.9590	0.0927
diabetes-100k	0.9688	0.0312	0.8921	0.7603	0.1173
diabetes-risk	0.9115	0.0885	0.8613	0.7211	0.4720
diabetic1%	0.5588	0.2941	0.3697	0.0612	0.4080
diabetic10%	0.5639	0.2908	0.3654	0.1182	0.5139
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7573	0.0971	0.7595	0.6533	0.3247
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5833	0.4167	0.5294	0.0323	0.7987
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota2	0.5677	0.4323	0.5622	0.1167	0.9326
dota210%	0.5680	0.4320	0.5626	0.1191	0.9380
drebin	0.9914	0.0086	0.9907	0.9814	0.0552
dropout	0.7698	0.1535	0.6926	0.6126	0.4516
drug-01	0.3830	0.1763	0.1330	0.0140	0.4590
drug-02	0.5160	0.1383	0.1334	0.0755	0.3770
drug-03	0.6968	0.1011	0.2158	0.0270	0.2063
drug-04	0.5213	0.1368	0.1119	0.0265	0.3678
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2636	0.2778	0.4441
drug-07	0.4309	0.1897	0.1007	0.0025	0.2663
drug-08	0.5904	0.1170	0.2176	0.1957	0.3707
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5160	0.1383	0.1655	0.1402	0.4564
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1797	0.2169	0.3626
drug-14	0.5745	0.1216	0.1870	0.1394	0.4447
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5691	0.1436	0.3042	0.2932	0.4598
drug-17	0.3777	0.1778	0.1796	0.1302	0.4834
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9214	0.0225	0.9352	0.9049	0.1212
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2900	0.3550	0.2915	0.0533	0.8070
eeg	0.5394	0.0576	0.5618	0.4895	0.5487

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
eeg-eye	0.8545	0.1455	0.8527	0.7049	0.5502
eeg10%	0.4484	0.0690	0.4421	0.3881	0.5545
email_phishing	0.9901	0.0099	0.7624	0.4408	0.2164
eucalyptus	0.6712	0.1315	0.6538	0.5748	0.3110
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq10%	0.9607	0.0393	0.9606	0.9212	0.2234
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.9010	0.0990	0.9007	0.8003	0.4224
fbis-wc	0.8455	0.0182	0.8200	0.8242	0.1140
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7451	0.2549	0.7515	0.4666	0.6613
financial-risk	0.8815	0.0395	0.6917	0.8106	0.2003
fishcatch	0.8750	0.0417	0.9249	0.8462	0.0696
fonts10%	0.5910	0.0053	0.3005	0.5649	0.3357
forest	0.9038	0.0481	0.8926	0.8672	0.1099
gas	0.9957	0.0014	0.9957	0.9948	0.0106
gastrointestinal	0.8125	0.1250	0.8474	0.7160	0.2936
gender	0.5768	0.2821	0.4484	0.1305	0.5645
gene	0.9306	0.0463	0.9227	0.8885	0.2029
german	0.7300	0.2700	0.6848	0.3317	0.7314
gestures	0.9375	0.0312	0.9380	0.9167	0.1488
gina	0.9452	0.0548	0.9453	0.8904	0.2828
gisette	0.9700	0.0300	0.9700	0.9400	0.1817
glass	0.7619	0.0794	0.7455	0.6708	0.2320
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.2667	0.3667	0.1900	-0.0185	0.5409
gsalc	0.7778	0.0741	0.7738	0.7353	0.0502
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.9607	0.0066	0.9001	0.9535	0.0561
har	0.9893	0.0043	0.9883	0.9865	0.0300
har70	0.9155	0.0242	0.6635	0.8742	0.1331
har701%	0.9168	0.0238	0.5390	0.8768	0.1073
har7010%	0.9313	0.0196	0.6701	0.8972	0.1242
harth1%	0.8698	0.0217	0.5713	0.8219	0.2078
harth10%	0.8780	0.0203	0.6290	0.8333	0.1967
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.7742	0.2258	0.7941	0.5580	0.6147
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9880	0.0120	0.9860	0.9720	0.0899
heart-quantum	0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.8474	0.1526	0.8493	0.6951	0.5528
hepmass10%	0.4970	0.5030	0.3320	0.0000	0.5287
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6982	0.3018	0.6961	0.3902	0.8202
higgs1%	0.7035	0.2965	0.7024	0.4049	0.8171
higgs10%	0.7343	0.2657	0.7335	0.4669	0.7743
higher	0.2143	0.1964	0.1429	0.0552	0.3158
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.8904	0.1096	0.7856	0.5543	0.5328
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.7222	0.1852	0.6885	0.5055	0.4947
hotel-reservartions	0.9112	0.0888	0.8978	0.7936	0.4021
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.9776	0.0149	0.9786	0.9662	0.0711
ht-sensor10%	0.9779	0.0147	0.9789	0.9668	0.0703
htru2	0.9782	0.0218	0.9318	0.8611	0.2113
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9753	0.0123	0.9759	0.9671	0.0502
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9037	0.0074	0.9079	0.8999	0.0776
jm1	0.8209	0.1791	0.6504	0.1499	0.4749
jvowels	0.9769	0.0051	0.9757	0.9738	0.0384
kc1	0.8720	0.1280	0.7137	0.3863	0.5769
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8269	0.1731	0.7038	0.3777	0.6558
kdc-4007	0.8180	0.0520	0.8240	0.7874	0.2722
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8881	0.0746	0.8470	0.8157	0.2009
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7515	0.0276	0.8132	0.7225	0.2691
krvskp	0.9655	0.0345	0.9663	0.9311	0.1844
la1s-wc	0.8889	0.0370	0.8755	0.8603	0.2037
la2s-wc	0.8510	0.0497	0.8230	0.8108	0.2232
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6471	0.0307	0.5746	0.6284	0.0973
led24	0.7500	0.0556	0.7869	0.7183	0.1389
letter	0.9550	0.0035	0.9540	0.9532	0.0541
leukemia	0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8611	0.0185	0.8931	0.8510	0.0526
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0207
liver	0.7941	0.2059	0.8039	0.5795	0.6129
loan	0.9883	0.0117	0.9876	0.9749	0.0628
localization	0.6877	0.0568	0.4763	0.6021	0.4807
localization10%	0.6614	0.0616	0.4411	0.5667	0.4814
lrs	0.8113	0.0539	0.6145	0.7363	0.1667
lung	0.8571	0.0571	0.8780	0.7418	0.1803
lung_discrete	0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
machine-failure	0.9149	0.0851	0.9121	0.8234	0.3843
madelon	0.7308	0.2692	0.7318	0.4615	0.7736
magic04	0.8722	0.1278	0.8574	0.7093	0.4971
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.9018	0.0982	0.7785	0.4783	0.3425
maternal	0.8119	0.1254	0.8164	0.7141	0.3963
math	0.8500	0.0750	0.8009	0.7661	0.2187
mba	0.8419	0.1054	0.4083	0.0715	0.2432
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2100	0.3160	0.2044	0.0044	0.5010
messidor	0.6522	0.3478	0.6518	0.3020	0.8713
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.9650	0.0070	0.9660	0.9611	0.0391
mfeat-fou	0.8400	0.0320	0.8447	0.8222	0.1472
mfeat-kar	0.9750	0.0050	0.9756	0.9722	0.0315
mfeat-mor	0.7150	0.0570	0.7142	0.6833	0.1985
mfeat-pix	0.9700	0.0060	0.9708	0.9667	0.0351
mfeat-zer	0.8350	0.0330	0.8356	0.8167	0.1125
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5315	0.4475	0.3546
mobile	0.9371	0.0022	0.9403	0.9359	0.0282
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9836	0.0164	0.9820	0.9633	0.0783
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4956	0.0917	0.5264	0.3936	0.5008
musk	0.9591	0.0409	0.9184	0.8291	0.2147
MUT_ci300400a_cdk_ECFP2	0.7710	0.2290	0.7652	0.5304	0.7215
MUT_ci300400a_cdk_ECFP4	0.7832	0.2168	0.7756	0.5506	0.7000
MUT_ci300400a_cdk_ECFP6	0.7617	0.2383	0.7543	0.5084	0.7374
MUT_ci300400a_cdk_ESTATE	0.7674	0.2326	0.7583	0.5141	0.7233
MUT_ci300400a_cdk_EXTENDED	0.8261	0.1739	0.8212	0.6423	0.6192
MUT_ci300400a_cdk_FCFP2	0.7557	0.2443	0.7467	0.4925	0.7460
MUT_ci300400a_cdk_FCFP4	0.7398	0.2602	0.7305	0.4603	0.7710
MUT_ci300400a_cdk_FCFP6	0.8345	0.1655	0.8302	0.6603	0.6015
MUT_ci300400a_cdk_MACCS	0.8153	0.1847	0.8102	0.6203	0.6412
MUT_ci300400a_cdk_PUBCHEM	0.8263	0.1737	0.8201	0.6388	0.6132
MUT_ci300400a_cdk_STANDARD	0.8467	0.1533	0.8442	0.6875	0.5724
MUT_ci300400a_rdkit_descriptors	0.8358	0.1642	0.8320	0.6640	0.5971
myocardial	0.8824	0.0294	0.2939	0.4010	0.0956
naticusdroid	0.9659	0.0341	0.9660	0.9318	0.1980
NCI60	0.5000	0.1667	0.4286	0.4000	0.2097
nci9	0.3333	0.2222	0.2500	0.2000	0.3026
ncRNA	0.9620	0.0040	0.8310	0.8980	0.2446
ncRNA1%	0.9160	0.0088	0.5260	0.7649	0.3182
ncRNA10%	0.9323	0.0071	0.6590	0.8126	0.4236
neo	0.9201	0.0799	0.7218	0.3899	0.4821
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
newspop	0.6726	0.3274	0.6702	0.3396	0.8547
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9608	0.0392	0.9520	0.9040	0.2521
NPHA-doctor-visits	0.5139	0.3241	0.2263	-0.0223	0.4554
nursery	0.9892	0.0054	0.9882	0.9842	0.0395
obesity	0.9289	0.0203	0.9300	0.9169	0.0970
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9927	0.0073	0.9898	0.9796	0.0863
Occupancy_Estimation	0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc	0.8911	0.0218	0.8850	0.8760	0.1237
oh10-wc	0.7905	0.0419	0.7621	0.7606	0.1854
oh15-wc	0.8696	0.0261	0.8809	0.8520	0.1316
oh5-wc	0.8791	0.0242	0.8942	0.8639	0.1169
ohscal-wc	0.7715	0.0457	0.7620	0.7444	0.3016
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9253	0.0747	0.7324	0.4380	0.5270
opn310k10%	0.9285	0.0715	0.7318	0.4195	0.4799
opnat310k-hg16-17	0.9258	0.0742	0.7320	0.4319	0.5131
optdigits	0.9680	0.0064	0.9701	0.9644	0.0456
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9407	0.0593	0.7454	0.3303	0.1556
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8608	0.1392	0.8517	0.6999	0.5532
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9854	0.0059	0.9401	0.9162	0.1081
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9147	0.0853	0.9090	0.8152	0.3728
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.9271	0.0729	0.9103	0.8206	0.3937
particle10%	0.9185	0.0815	0.8998	0.7994	0.4235
pasture	0.7500	0.1667	0.8333	0.6364	0.1981
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5722	0.4278	0.4748	-0.0123	0.7108
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia	0.8529	0.0420	0.7841	0.8184	0.1102
pendigits	0.9873	0.0025	0.9872	0.9858	0.0231
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.6582	0.3077	0.8309
persistency	0.8192	0.1808	0.8058	0.6112	0.6400
personalities	0.9622	0.0047	0.9623	0.9596	0.0656
pet-adoption	0.9400	0.0600	0.9319	0.8600	0.2695
phishing	0.9714	0.0286	0.9700	0.9397	0.1676
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.8989	0.0289	0.8922	0.8819	0.1145
phone-acc1%	0.9200	0.0229	0.9142	0.9065	0.0993
phone-gyr0.1%	0.9189	0.0232	0.9140	0.9052	0.1107
phone-gyr1%	0.9406	0.0170	0.9356	0.9305	0.0826
phoneme	0.9093	0.0907	0.8859	0.7697	0.4269
phy	0.7126	0.2874	0.7149	0.4247	0.7911
pima	0.6974	0.3026	0.6716	0.3235	0.8000
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7780	0.2220	0.7699	0.5367	0.7027
plant-growth	0.6842	0.3158	0.6960	0.3523	0.7434

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5659	0.1240	0.2877	0.1755	0.3287
poker10%	0.6341	0.0915	0.3355	0.3183	0.2966
polish-1st	0.9787	0.0213	0.8349	0.6061	0.0714
polish-2nd	0.9617	0.0383	0.6783	0.3218	0.5056
polish-3rd	0.9495	0.0505	0.5401	0.0279	0.4040
polish-4th	0.9633	0.0367	0.7807	0.4977	0.2896
polish-5th	0.9526	0.0474	0.7853	0.5395	0.4026
polya	0.7838	0.2162	0.7571	0.5050	0.6930
popularity	0.6822	0.2119	0.4327	0.2672	0.4548
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9775	0.0090	0.9772	0.9718	0.0540
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6816	0.3529	0.8237
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.4242	0.0886	0.3341	0.3641	0.2949
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7164	0.2836	0.6476	0.2214	0.6914
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9879	0.0049	0.9807	0.9837	0.0366
puc-rio10%	0.9843	0.0063	0.9724	0.9789	0.0423
pufs-1281%	0.4892	0.5108	0.4891	-0.0217	1.0000
pufs-641%	0.4888	0.5112	0.4860	-0.0230	0.9498
pufs-6410%	0.5032	0.4968	0.5036	0.0061	0.9414
pulsar	0.9848	0.0152	0.9537	0.9065	0.1679
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
re0-wc	0.8400	0.0246	0.8329	0.7922	0.1953
re1-wc	0.7831	0.0173	0.5587	0.7495	0.1430
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9857	0.0143	0.9856	0.9711	0.0960
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6894	0.3106	0.6738	0.3461	0.8407
RT_IOT2022	0.0163	0.1639	0.0027	0.0000	0.1787
satimage	0.9051	0.0316	0.8902	0.8826	0.1484
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9393	0.0607	0.8097	0.5839	0.3617
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5294	0.4706	0.5315	0.0588	0.9560
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.9795	0.0205	0.9793	0.9585	0.1323
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9697	0.0087	0.9751	0.9646	0.0317
segmentation	0.8416	0.1584	0.8312	0.6610	0.5971
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sens-3-gram	0.8816	0.1184	0.6802	0.1842	0.3526
sens-4-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sens-5-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-6-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-7-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sens-8-gram	0.8711	0.1289	0.6601	0.0342	0.2664

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-9-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sensorless	0.9985	0.0003	0.9985	0.9983	0.0034
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9043	0.0957	0.7967	0.5764	0.5004
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9841	0.0159	0.9325	0.8554	0.0582
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9991	0.0009	0.9986	0.9971	0.0148
skin10%	0.9992	0.0008	0.9988	0.9975	0.0129
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2400	0.3800	0.0968	-0.0259	0.4864
smk_can_187	0.7368	0.2632	0.7449	0.4633	0.6993
smoking	0.8418	0.1582	0.8358	0.6684	0.5880
soil_pollution	0.2300	0.3080	0.1380	0.0294	0.5020
solar-flare	0.7626	0.0791	0.6039	0.6934	0.1884
sonar	0.5000	0.5000	0.5000	0.0000	0.9713
soybean	1.0000	0.0000	1.0000	1.0000	0.0000
spam-detection	0.9495	0.0505	0.8554	0.7098	0.4894
spambase	0.9326	0.0674	0.9294	0.8573	0.3170
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
splice-EI	0.9685	0.0315	0.9586	0.9171	0.2344
splice-IE	0.9401	0.0599	0.9174	0.8348	0.3664
sport-articles	0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	0.9892	0.0108	0.9885	0.9767	0.0905
steel_industry	0.9055	0.0630	0.8819	0.8465	0.2228
steel-b	0.8872	0.1128	0.8246	0.6477	0.5505
steel-d	0.9897	0.0103	0.9069	0.7950	0.0398
steel-k	0.9795	0.0205	0.9683	0.9347	0.0802
steel-o	0.8051	0.1949	0.7799	0.5558	0.6667
steel-p	0.9231	0.0769	0.7374	0.4744	0.6071
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9795	0.0205	0.9450	0.8886	0.3044
stellar	0.9773	0.0151	0.9737	0.9596	0.0864
stock	0.9097	0.0903	0.8413	0.6805	0.5000
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9920	0.0080	0.9920	0.9838	0.0512
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.5700	0.1720	0.4121	0.2890	0.4268
student-depression	0.8305	0.1695	0.8245	0.6487	0.6089
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3692	0.2523	0.2403	0.1027	0.6231
student-workday	0.6875	0.1250	0.1676	0.0698	0.3234
studentap	0.3846	0.4103	0.3238	0.0370	0.7083
susy1%	0.7952	0.2048	0.7937	0.5836	0.6634
susy10%	0.7952	0.2048	0.7942	0.5827	0.6573
tae	0.4667	0.3556	0.4762	0.2000	0.5980
telco-churn	0.9048	0.0952	0.8757	0.7505	0.4597
texture	0.9709	0.0053	0.9730	0.9679	0.0411
theorem	0.9967	0.0033	0.9967	0.9933	0.0312
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.6769	0.3239	0.4864
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.9162	0.0838	0.8848	0.7681	0.4245
tis10%	0.8582	0.1418	0.7948	0.5597	0.5134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7310	0.4426	0.7072
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.6933	0.3067	0.5547	0.1085	0.8742
trec11-wc	0.8293	0.0379	0.6806	0.7897	0.1261
trec12-wc	0.8387	0.0403	0.7951	0.8050	0.0800
trec21-wc	0.9394	0.0242	0.9463	0.8745	0.1300
trec23-wc	0.7619	0.0794	0.5367	0.6535	0.2391
trec31-wc	0.9462	0.0179	0.9401	0.9283	0.0963
trec41-wc	0.9205	0.0159	0.7415	0.9023	0.0795
trec45-wc	0.8696	0.0261	0.8098	0.8482	0.0997
tuandromd	0.9843	0.0157	0.9769	0.9527	0.1774
turkish	0.7750	0.1125	0.7696	0.7000	0.2689
tvnews	0.9628	0.0372	0.9598	0.9197	0.2234
tvnews1%	0.9154	0.0846	0.9085	0.8160	0.3871
tvnews10%	0.9036	0.0964	0.8957	0.7908	0.4303
ur3_cobotops_grip	0.9782	0.0218	0.7946	0.5457	0.2969
ur3_cobotops_stop	0.9769	0.0231	0.8135	0.6108	0.3722
urban	0.8209	0.0398	0.8265	0.7893	0.1549
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7143	0.1429	0.7221	0.6282	0.1362
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.5758	0.0771	0.6039	0.5333	0.2422
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc1%	0.9523	0.0136	0.9506	0.9442	0.0647
watch-acc10%	0.9703	0.0085	0.9694	0.9652	0.0416
watch-gyr	0.9999	0.0000	0.9999	0.9999	0.0003
watch-gyr1%	0.9548	0.0129	0.9532	0.9472	0.0624
watch-gyr10%	0.9680	0.0092	0.9666	0.9626	0.0434
water_pollution	0.2567	0.3717	0.1429	-0.0041	0.4618
waveform	0.8480	0.1013	0.8484	0.7720	0.3549
weather-related	0.9788	0.0038	0.9810	0.9760	0.0254
web-phishing	0.8519	0.0988	0.8016	0.7376	0.4100
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9987	0.0005	0.9986	0.9984	0.0040
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9834	0.0166	0.9247	0.8432	0.3929
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6730	0.1090	0.3421	0.4641	0.3233
winequality-white	0.6421	0.1193	0.4417	0.4516	0.4600
winnipeg10%	0.9929	0.0020	0.9944	0.9911	0.0171
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.6875	0.0417	0.6797	0.6667	0.0824
yeast	0.5878	0.0916	0.4377	0.4653	0.3600
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1	0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.9419	0.0116	0.9361	0.9349	0.0891

Table 270: Detailed results for CARD

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1583	0.0580	0.0483	0.0643	0.3946
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9816	0.0184	0.4953	-0.0012	0.2266
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9390	0.0610	0.8634	0.7102	0.3304
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.8360	0.0547	0.8423	0.8032	0.1255
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7559	0.2441	0.6308	0.2507	0.8000
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.7079	0.1169	0.1658	0.0000	0.2204
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.7928	0.1036	0.5218	0.5783	0.3118
anuran-genus	0.6829	0.0793	0.3777	0.4264	0.3617
anuran-species	0.7597	0.0481	0.4780	0.6541	0.2452
anxiety	0.0917	0.2019	0.0743	-0.0267	0.7669
apple-quality	0.5275	0.4725	0.5275	0.0550	0.9832
aps-failure	0.9824	0.0176	0.6961	0.3713	0.4877
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.5556	0.0889	0.0714	0.0000	0.2612
auction	0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.6522	0.0290	0.2653	0.5828	0.0825
audit-risk	0.8974	0.1026	0.8923	0.7835	0.4381
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.5000	0.1667	0.3197	0.3243	0.3049
avila	0.4332	0.0945	0.1060	0.0803	0.3388
babies	0.4274	0.1636	0.1384	0.0873	0.4145
balance	0.6290	0.2473	0.4334	0.3030	0.4915
bank	0.8934	0.1066	0.6537	0.2342	0.5402
banknote	0.8832	0.1168	0.8823	0.7644	0.4810
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.7811	0.2189	0.7571	0.4808	0.6328
basehock	0.6533	0.3467	0.7181	0.3089	0.5045
bio	0.9955	0.0045	0.8558	0.6746	0.1095
bio10%	0.9952	0.0048	0.8502	0.6933	0.3223
biodeg	0.6571	0.3429	0.6097	0.1783	0.8050
biomed	0.8571	0.1429	0.8568	0.6736	0.3386
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.4649	0.2675	0.4355	0.2866	0.6224
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.6364	0.3636	0.6333	0.2667	0.8952
breast-tissue	0.7273	0.0909	0.6655	0.6667	0.1595
bridges	0.7000	0.0857	0.5568	0.6104	0.1474
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography	0.4977	0.1005	0.3320	0.3734	0.3548
cardiotocography-nsp	0.8075	0.1283	0.5626	0.3019	0.3353
cardiovascular	0.5944	0.4056	0.5993	0.1885	0.9038
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5252	0.3946	0.6054
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5923	0.4077	0.6124	0.2053	0.8699
cas_N6512_RDkit_AtomPair_FP	0.5859	0.4141	0.6112	0.1965	0.8549
cas_N6512_rdkit_AVALON	0.5914	0.4086	0.6455	0.2193	0.7294
cas_N6512_RDkit_Avalon_FP	0.5905	0.4095	0.6470	0.2178	0.7187
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.6273	0.3727	0.6318	0.2598	0.8898
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5831	0.4169	0.6461	0.2060	0.6971

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6166	0.3834	0.6119	0.2176	0.8794
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.1667	0.8333	0.1429	-0.6667	0.9586
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.6956	0.1522	0.5713	0.5161	0.2080
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9986	0.0014	0.5484	0.0795	0.4996
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7700	0.2300	0.4725	-0.0262	0.7329
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.1730	0.0165	0.0982	0.1646	0.2366
cirrhosis	0.6667	0.2222	0.4547	0.2687	0.3783
cjs	0.7857	0.0714	0.8034	0.7331	0.1498
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.5324	0.2338	0.2963	0.2225	0.4549
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6667	0.3333	0.4065
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4854	0.2086	0.7421
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.5234	0.0867	0.2399	0.4045	0.4108
coil20	0.6389	0.0361	0.6290	0.6199	0.1942
college	0.8182	0.1818	0.7591	0.5127	0.6711
collins	0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor	0.3333	0.6667	0.3750	-0.2000	0.9308
colposcopies-1	0.5517	0.4483	0.3556	-0.1893	0.9704
colposcopies-2	0.5862	0.4138	0.4820	-0.0235	0.8868
colposcopies-3	0.5862	0.4138	0.5287	0.0279	0.7720
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.8276	0.1724	0.7526	0.3777	0.3360
column-2c	0.7742	0.2258	0.7489	0.4965	0.7317
column-3c	0.7742	0.1505	0.6696	0.6252	0.2830
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.6082	0.3918	0.6165	0.2188	0.8808
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.4792	0.1488	0.1516	0.0165	0.2712
covtype	0.6249	0.1072	0.1919	0.3215	0.2929
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.5000	0.2500	0.3333	0.3333	0.2044
creditcard_trans	0.9987	0.0013	0.7588	0.4716	0.3048
creditcard_trans10%	0.9986	0.0014	0.7605	0.4993	0.3807
crowdsourced	0.7806	0.0731	0.3300	0.4483	0.2327
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.1875	0.0406	0.1286	0.1663	0.1112
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1500	0.2833	0.1183	-0.0288	0.6949
cyclopentane	0.7778	0.2222	0.7814	0.5345	0.6228
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dating	0.1014	0.1797	0.0458	0.0003	0.5437
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8263	0.1737	0.7128	0.3858	0.6261
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8865	0.1135	0.6445	0.2290	0.5794
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8649	0.0450	0.7971	0.8296	0.0495
desharnais	0.6250	0.2500	0.5009	0.3514	0.4961
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k	0.9402	0.0598	0.7769	0.4354	0.1576
diabetes-risk	0.7991	0.2009	0.6273	0.2109	0.7052
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.6667	0.3333	0.7447	0.3846	0.5164
diamonds	0.9333	0.0333	0.9238	0.9074	0.0985
diamonds_all	0.4661	0.2136	0.2100	0.1449	0.3661
dishonest	0.7812	0.2188	0.7475	0.3708	0.3932
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5000	0.5000	0.4203	-0.1250	0.9838
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.6998	0.2001	0.5249	0.4499	0.3535
drug-01	0.4043	0.1702	0.1202	0.0199	0.3499
drug-02	0.5106	0.1398	0.1614	0.0588	0.4460
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3777	0.1778	0.1531	0.1937	0.4407
drug-07	0.4628	0.1535	0.1398	0.0822	0.3388
drug-08	0.5372	0.1322	0.1618	0.0356	0.3710
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5213	0.1368	0.1300	0.0532	0.3830
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-13	0.6064	0.1125	0.1662	0.1894	0.3341
drug-14	0.6011	0.1140	0.1909	0.1077	0.2525
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5745	0.1216	0.2270	0.2817	0.3793
drug-17	0.3511	0.1854	0.1605	0.0886	0.5354
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.8479	0.0435	0.8686	0.8156	0.1975
ecoli	0.7353	0.0662	0.3021	0.6203	0.1561
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.1900	0.4050	0.1880	-0.0793	0.8764
eeg	0.2013	0.0998	0.1565	0.1017	0.6063
eeg-eye	0.5561	0.4439	0.5303	0.0439	0.8743
eeg10%	0.2555	0.0931	0.1803	0.1607	0.5594
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5479	0.1808	0.4820	0.3904	0.3751
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.6057	0.0464	0.6071	0.5411	0.3160
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.6590	0.1137	0.3010	0.3946	0.2542
fishcatch	0.7500	0.0833	0.5511	0.6735	0.1143
flags	0.3000	0.2000	0.0659	0.0000	0.3486
fonts10%	0.1762	0.0108	0.0058	0.0959	0.3339
forest	0.7692	0.1154	0.7683	0.6797	0.2587
gas	0.6549	0.1150	0.6647	0.5854	0.3631
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6021	0.2653	0.3813	0.1468	0.5107
gene	0.5110	0.3260	0.2255	0.0000	0.3731
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2577	0.3711	0.2750	0.0085	0.6200
gina	0.7493	0.2507	0.7660	0.4947	0.6414
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.4762	0.1746	0.4200	0.2196	0.3170
glass-g2	0.6250	0.3750	0.6667	0.2941	0.7744
glassBWFP	0.6667	0.3333	0.6240	0.1967	0.7731
glassBWNFP	0.6190	0.3810	0.5000	0.0000	0.9172
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.7895	0.5000	0.5283
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.3333	0.3333	0.3415	0.0798	0.6744
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.7374	0.0438	0.4749	0.6880	0.1961
har	0.4546	0.2181	0.4518	0.2930	0.6335

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.7533	0.0705	0.3840	0.6011	0.1749
har701%	0.7270	0.0780	0.3759	0.5619	0.2346
har7010%	0.5384	0.1319	0.2349	0.1810	0.3045
harth	0.4751	0.0875	0.0877	0.0729	0.2719
harth1%	0.5270	0.0788	0.1549	0.2001	0.2440
harth10%	0.4735	0.0877	0.0870	0.0693	0.2721
hayes-roth	0.3125	0.4583	0.2304	-0.1282	0.8743
hcc-survival	0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.6129	0.3871	0.6151	0.2282	0.9083
heart-c	0.6667	0.3333	0.6637	0.3243	0.8571
heart-failure	0.8480	0.1520	0.8172	0.6224	0.5545
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.8007	0.1993	0.8011	0.6011	0.6595
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6073	0.3927	0.6033	0.1970	0.9008
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.1429	0.2143	0.0833	-0.0500	0.4435
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8398	0.1602	0.6389	0.1583	0.5162
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5000	0.3333	0.3400	0.0137	0.6800
hotel-reservartions	0.7671	0.2329	0.7191	0.4126	0.7021
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3610	0.4260	0.2967	0.0692	0.6240
ht-sensor10%	0.4930	0.3380	0.5076	0.2394	0.6990
htru2	0.9760	0.0240	0.9240	0.8413	0.1741
hypothyroid	0.9204	0.0398	0.3849	0.2531	0.1747
hypothyroidT	0.9496	0.0504	0.7956	0.4928	0.1391
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.8767	0.0617	0.8802	0.8356	0.1911
ionosphere	0.9143	0.0857	0.9022	0.7853	0.2404
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.8600	0.1400	0.8695	0.7059	0.3522
isolet	0.4442	0.0428	0.4615	0.4219	0.3500
jm1	0.8099	0.1901	0.6030	0.1071	0.5776
jvowels	0.4759	0.1165	0.4063	0.4022	0.4851
kc1	0.8483	0.1517	0.6483	0.2611	0.6660
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.5000	0.0417	0.0307	0.0755	0.2419
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.7782	0.1478	0.7353	0.6242	0.2313
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.7750	0.2250	0.7841	0.5500	0.6640

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krkopt	0.2307	0.0855	0.0848	0.1098	0.4854
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc	0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.2353	0.0382	0.1229	0.2163	0.1429
led24	0.4500	0.1100	0.3231	0.3785	0.2413
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.3135	0.0528	0.2626	0.2860	0.4588
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.3611	0.0852	0.4000	0.3163	0.2737
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9993	0.0007	0.9522	0.9044	0.2113
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.6765	0.3235	0.6393	0.2780	0.8579
loan	0.9274	0.0726	0.9223	0.8437	0.3456
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.7170	0.0566	0.2968	0.6031	0.1674
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	0.7500	0.0714	0.4750	0.6800	0.1016
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4014	0.5882	0.2627
lymphoma2	0.6667	0.1111	0.4545	0.5500	0.1027
machine-failure	0.9255	0.0745	0.9272	0.8494	0.3379
madelon	0.6385	0.3615	0.6386	0.2769	0.8914
magic04	0.7291	0.2709	0.6883	0.3668	0.7886
malware	0.8108	0.1892	0.4478	0.0000	0.3405
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.5743	0.2838	0.4880	0.3291	0.4051
math	0.8250	0.0875	0.8178	0.7252	0.2331
mba	0.8371	0.1086	0.3940	0.0965	0.3134
mental-disorders	0.5000	0.2500	0.3333	0.3333	0.2044
mental-health	0.2233	0.3107	0.1673	0.0192	0.5980
messidor	0.5913	0.4087	0.5938	0.1854	0.9231
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	0.8889	0.0741	0.8889	0.8302	0.1290
meter-C	0.6111	0.1944	0.6679	0.4498	0.3693
meter-D	0.6111	0.1944	0.4222	0.4299	0.2079
mfeat-fac	0.7050	0.0590	0.7053	0.6722	0.2501
mfeat-fou	0.6100	0.0780	0.5830	0.5667	0.3239
mfeat-kar	0.5800	0.0840	0.5588	0.5333	0.3421
mfeat-mor	0.5450	0.0910	0.5236	0.4944	0.2554
mfeat-pix	0.6150	0.0770	0.6308	0.5722	0.3301
mfeat-zer	0.5500	0.0900	0.5483	0.5000	0.4045
mice-prot	0.4352	0.1412	0.3920	0.3488	0.4030
milk	0.6132	0.2579	0.6379	0.4156	0.5375
mines	0.5588	0.1765	0.5124	0.4426	0.3784
mobile	0.1923	0.0288	0.1628	0.1775	0.3391
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-3	0.7679	0.2321	0.7886	0.5285	0.5651
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
music	0.3794	0.1128	0.2950	0.2089	0.5150
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.6539	0.3461	0.6585	0.3109	0.8542
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6222	0.6000	0.1039
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7905	0.0221	0.0634	0.1458	0.1504
ncRNA1%	0.8473	0.0161	0.1156	0.5271	0.1538
ncRNA10%	0.7796	0.0232	0.0721	0.0602	0.1492
neo	0.8940	0.1060	0.5480	0.0530	0.5746
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.5858	0.4142	0.5816	0.1428	0.8845
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.8497	0.1503	0.8147	0.6293	0.6079
NPHA-doctor-visits	0.5278	0.3148	0.3416	0.0137	0.4489
nursery	0.6628	0.1686	0.4276	0.4962	0.1594
obesity	0.3839	0.1760	0.3677	0.2767	0.4756
obs	0.7130	0.1435	0.7713	0.5541	0.2946
occupancy	0.9864	0.0136	0.9815	0.9624	0.1469
Occupancy_Estimation	0.9131	0.0434	0.5820	0.7227	0.0816
oh0-wc	0.8020	0.0396	0.8434	0.7697	0.1333
oh10-wc	0.6286	0.0743	0.7071	0.5732	0.2700
oh15-wc	0.6739	0.0652	0.7014	0.6207	0.2525
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
olive	0.8070	0.0429	0.7111	0.7554	0.1188
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.5250	0.0238	0.4672	0.5128	0.0844
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9232	0.0307	0.4321	0.3968	0.1560
parkinson	0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons	0.6825	0.3175	0.6604	0.3206	0.8534
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle	0.8157	0.1843	0.7545	0.4735	0.5985
particle10%	0.8169	0.1831	0.7565	0.4877	0.6211
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5412	0.4588	0.3883	-0.0768	0.8399
pcos	0.9933	0.0067	0.9896	0.9789	0.0328
pd	0.7763	0.2237	0.6865	0.3704	0.7677
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.5077	0.0985	0.5019	0.4539	0.4212
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.5556	0.4444	0.3571	-0.2000	0.9762
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.1395	0.1076	0.0820	0.0821	0.5765
pet-adoption	0.7350	0.2650	0.7114	0.4208	0.7826
phishing	0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1609	0.2397	0.0745	0.0001	0.4872
phone-acc0.1%	0.4449	0.1586	0.3666	0.3460	0.4775
phone-acc1%	0.3500	0.1857	0.3231	0.2277	0.4583
phone-acc10%	0.2743	0.2073	0.1544	0.1312	0.4134
phone-gyr	0.1932	0.2305	0.0731	0.0426	0.3849
phone-gyr0.1%	0.5836	0.1190	0.4813	0.5093	0.3195
phone-gyr1%	0.4504	0.1570	0.3462	0.3553	0.3635
phone-gyr10%	0.3273	0.1922	0.1785	0.2050	0.3457
phoneme	0.7296	0.2704	0.6188	0.2092	0.7914
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7500	0.2500	0.7337	0.4412	0.6999
pirvision	0.8877	0.0749	0.6382	0.5301	0.1265
placement	0.7360	0.2640	0.7285	0.4571	0.7766
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.5978	0.0332	0.2464
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.6919	0.3081	0.6438	0.2737	0.8324
popularity	0.6305	0.2463	0.3080	0.0015	0.3479
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.4827	0.2069	0.4796	0.3509	0.4835
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7059	0.4118	0.8134
prestige	0.6667	0.2222	0.5556	0.4490	0.2851
primary-tumor	0.4242	0.0523	0.1359	0.3428	0.2285
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6269	0.3731	0.6016	0.2005	0.8860
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.7143	0.2857	0.7058	0.3913	0.7630
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.6455	0.1418	0.5143	0.5028	0.3308
puc-rio10%	0.5836	0.1666	0.5098	0.4208	0.4776
pufs-1281%	0.4883	0.5117	0.4883	-0.0233	1.0000
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.5025	0.4975	0.5025	0.0050	0.9986
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9697	0.0303	0.9038	0.7903	0.1344

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
raisin	0.9333	0.0667	0.9333	0.8667	0.3271
re0-wc	0.6733	0.0503	0.5737	0.5314	0.2986
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9819	0.0181	0.9817	0.9633	0.1200
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.6843	0.1052	0.5906	0.5984	0.2874
satimageF	0.9627	0.0373	0.8979	0.7736	0.1150
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9048	0.0635	0.9048	0.8571	0.1813
segment	0.7835	0.0618	0.8070	0.7474	0.2086
segmentation	0.7822	0.2178	0.7541	0.4939	0.6837
segmentO	0.8961	0.1039	0.7788	0.5536	0.5818
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9560	0.0440	0.8819	0.7633	0.4382
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.6125	0.0705	0.6187	0.5737	0.3022
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8775	0.1225	0.7206	0.3721	0.5011
shuttle	0.8416	0.0453	0.3874	0.3816	0.2001
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.8706	0.1294	0.7965	0.5916	0.6001
skin10%	0.8603	0.1397	0.7798	0.5579	0.6266
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6316	0.3684	0.6333	0.2652	0.8937
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2200	0.3120	0.2224	0.0233	0.8485
solar-flare	0.7410	0.0863	0.6102	0.6673	0.1817
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.1324	0.0913	0.0123	0.0000	0.3690
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.6043	0.3957	0.3767	0.0000	0.4981
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7429	0.2571	0.6446	0.2588	0.7661
spectrometer	0.3269	0.0499	0.1702	0.2775	0.2384
splice-EI	0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE	0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles	0.7800	0.2200	0.7583	0.5118	0.7066
squash-stored	0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5996	0.2669	0.5262	0.2839	0.6192
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9538	0.0462	0.9277	0.8544	0.2918
steel-o	0.7231	0.2769	0.6778	0.2882	0.6790
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9692	0.0308	0.7646	0.3900	0.0945
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.9399	0.0401	0.9306	0.8919	0.1725
stock	0.8611	0.1389	0.7725	0.5443	0.6484
stockb	0.9075	0.0617	0.9110	0.8613	0.1621
streaming	0.7580	0.2420	0.7559	0.5117	0.7391
stress	0.9524	0.0190	0.9558	0.9404	0.0607
student-lifestyle	0.6250	0.1500	0.2762	0.3606	0.3313
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4200	0.2320	0.1947	0.0738	0.4531
student-weekend	0.3231	0.2708	0.1389	0.0066	0.6165
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7144	0.2856	0.7295	0.4018	0.6545
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.7930	0.2070	0.7534	0.5054	0.7099
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.7902	0.2098	0.7819	0.5033	0.5126
tae	0.4667	0.3556	0.4714	0.2000	0.6833
telco-churn	0.8040	0.1960	0.7259	0.4316	0.6774
texture	0.6727	0.0595	0.6926	0.6405	0.2516
theorem	0.5712	0.4288	0.6846	0.2305	0.5291
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.6737	0.3263	0.6434	0.2861	0.8589
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.7059	0.1471	0.7348	0.6119	0.1908
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.7097	0.0726	0.6177	0.6372	0.1697
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.9140	0.0287	0.9333	0.8852	0.0937
trec41-wc	0.7727	0.0455	0.6297	0.7224	0.1920
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.6500	0.1750	0.6304	0.5333	0.4050
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.6418	0.0796	0.6148	0.5781	0.2583
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.4881	0.2560	0.5037	0.3209	0.5876

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vehicleVAN	0.7738	0.2262	0.6464	0.2400	0.6976
voice	0.7500	0.2500	0.7044	0.4000	0.7643
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.3232	0.1230	0.2564	0.2556	0.2921
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.6923	0.0615	0.6741	0.6556	0.1049
warppie10p	0.8095	0.0381	0.8416	0.7884	0.0779
watch-acc	0.2871	0.2037	0.1608	0.1520	0.4992
watch-acc1%	0.2926	0.2021	0.2121	0.1591	0.5318
watch-acc10%	0.3341	0.1903	0.2624	0.2142	0.4968
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.3297	0.1915	0.2720	0.2118	0.4454
watch-gyr10%	0.2724	0.2079	0.1217	0.1376	0.3732
water_pollution	0.2233	0.3883	0.2141	-0.0397	0.8164
waveform	0.7520	0.1653	0.7526	0.6279	0.4868
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8000	0.1333	0.5513	0.6221	0.3391
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.8800	0.0600	0.8815	0.8400	0.1998
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5597	0.1468	0.2307	0.2588	0.3740
winequality-white	0.5153	0.1616	0.3026	0.2171	0.4739
winnipeg	0.8329	0.0477	0.7467	0.7876	0.2076
winnipeg10%	0.8696	0.0373	0.7997	0.8344	0.1691
wisc_bc	0.8596	0.1404	0.8492	0.6984	0.5547
yale	0.3125	0.0917	0.2893	0.2636	0.1834
yeast	0.4054	0.1189	0.2337	0.2270	0.3927
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.5387	0.0923	0.5279	0.4818	0.4524

Table 271: Detailed results for CART

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1631	0.0577	0.0845	0.0737	0.4031
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.6500	0.3500	0.6508	0.3000	0.8761
ads	0.9207	0.0793	0.8203	0.5695	0.1985
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7905	0.2095	0.4415	-0.0519	0.7262
AID_602330	0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8169	0.1831	0.7747	0.5426	0.6745
air_pollution	0.4000	0.1714	0.1084	0.0026	0.4318
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8734	0.1266	0.8724	0.7440	0.5063
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.8791	0.1209	0.8694	0.7168	0.3842
anneal	0.6517	0.1393	0.2649	0.2942	0.2904
antivirus	0.9730	0.0270	0.9599	0.9165	0.2605
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8248	0.0876	0.4184	0.6499	0.2545
anuran-genus	0.7427	0.0643	0.2036	0.5577	0.2024
anuran-species	0.6125	0.0775	0.1544	0.4411	0.2087
anxiety	0.0917	0.2019	0.0365	-0.0336	0.6127
apple-quality	0.6825	0.3175	0.6857	0.3650	0.8263
aps-failure	0.9816	0.0184	0.4954	-0.0008	0.1805
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.5500	0.4500	0.5856	0.1509	0.8702
arrhythmia	0.6222	0.0581	0.1067	0.2350	0.2108
auction	0.9314	0.0686	0.8329	0.6577	0.4494
audiology	0.4348	0.0471	0.0538	0.2864	0.2017
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.4500	0.1833	0.1862	0.2143	0.3048
avila	0.5103	0.0816	0.2584	0.3027	0.2875
babies	0.4839	0.1475	0.1587	0.1720	0.3504
balance	0.7903	0.1398	0.5500	0.6080	0.3339
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9562	0.0438	0.9557	0.9113	0.2432
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8249	0.1751	0.8118	0.5853	0.4974
basehock	0.7035	0.2965	0.7506	0.4087	0.5360
bio	0.9960	0.0040	0.8734	0.7219	0.1258
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.7333	0.2667	0.7234	0.4453	0.7788
biomed	0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin	0.9858	0.0010	0.0342	0.0000	0.0117
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0010	0.0342	0.0000	0.0117
body-perf	0.4060	0.2970	0.4307	0.2080	0.4000
bookings	0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor	0.4985	0.5015	0.4996	-0.0001	0.6080
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.3636	0.6364	0.3667	-0.2623	1.0000
breast-cancer-ma	0.6364	0.3636	0.6553	0.2903	0.8322
breast-tissue	0.7273	0.0909	0.5880	0.6598	0.1537
bridges	0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17	0.9090	0.0910	0.5732	0.0049	0.2417
bub12at310k-hg16-17	0.8612	0.1284	0.6263	0.2463	0.6971
bub8at310k-hg16-17	0.8598	0.1281	0.6371	0.2829	0.6929
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9130	0.0870	0.9164	0.8189	0.3522
cancer-uae	0.4950	0.3367	0.4005	0.0043	0.3461
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.8030	0.1970	0.7816	0.5599	0.6809
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7887	0.0423	0.6570	0.7416	0.1767
cardiotocography-nsp	0.8404	0.1064	0.7317	0.6004	0.4750
cardiovascular	0.7115	0.2885	0.7151	0.4230	0.7867
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6500	0.2333	0.4907	0.4055	0.5127
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5923	0.4077	0.6124	0.2053	0.8699
cas_N6512_RDkit_AtomPair_FP	0.5859	0.4141	0.6112	0.1965	0.8549
cas_N6512_rdkit_AVALON	0.5914	0.4086	0.6455	0.2193	0.7294
cas_N6512_RDkit_Avalon_FP	0.5905	0.4095	0.6470	0.2178	0.7187
cas_N6512_rdkit_descriptors	0.5815	0.4185	0.6433	0.2029	0.7040
cas_N6512_rdkit_FEATMORGAN	0.5745	0.4255	0.6295	0.1887	0.7408
cas_N6512_RDkit_Featmorgan_FP	0.5583	0.4417	0.6169	0.1598	0.7352
cas_N6512_RDkit_FP	0.6273	0.3727	0.6318	0.2598	0.8898
cas_N6512_rdkit_LAYERED	0.5923	0.4077	0.6221	0.2111	0.8314
cas_N6512_RDkit_Layered_FP	0.5813	0.4187	0.6129	0.1915	0.8330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.5868	0.4132	0.6306	0.2074	0.7783
cas_N6512_RDkit_MACCS_FP	0.6150	0.3850	0.6688	0.2623	0.7039
cas_N6512_rdkit_MORGAN	0.5831	0.4169	0.6461	0.2060	0.6971
cas_N6512_RDkit_morgan_FP	0.5552	0.4448	0.6214	0.1563	0.7053
cas_N6512_rdkit_PATTERN	0.6385	0.3615	0.6336	0.2637	0.8875
cas_N6512_RDkit_pattern_FP	0.6518	0.3482	0.6476	0.2930	0.8759
cas_N6512_rdkit_RDKITFP	0.5991	0.4009	0.6094	0.2103	0.8987
cas_N6512_rdkit_TORSION	0.5585	0.4415	0.6199	0.1610	0.7238
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7617	0.2451	0.7500	0.4734	0.7423
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9421	0.0579	0.6796	0.2336	0.3566
census10%	0.9438	0.0561	0.6633	0.2253	0.4118
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.6849	0.1575	0.4215	0.5211	0.1847
chrom19	0.9994	0.0006	0.8685	0.7289	0.4686
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9987	0.0013	0.7689	0.5211	0.5321
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8020	0.1980	0.6294	0.0568	0.4128
churn-bigml	0.8914	0.1086	0.7755	0.5503	0.6070
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.7800	0.0044	0.7360	0.7778	0.0345
cirrhosis	0.7143	0.1905	0.6285	0.4312	0.5636
cjs	0.4464	0.1845	0.2061	0.2877	0.2340
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.5324	0.2338	0.2963	0.2225	0.4549
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9	0.2037	0.1770	0.1468	0.1042	0.3654
codon_usage	0.5871	0.0751	0.3386	0.4847	0.3102
coil20	0.4931	0.0507	0.4440	0.4667	0.1654
college	0.9351	0.0649	0.9166	0.8287	0.3041
collins	0.3000	0.0933	0.0633	0.1780	0.2759
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5271	0.0478	0.9158
colposcopies-2	0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3	0.6552	0.3448	0.6415	0.2120	0.7262
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7354	0.4528	0.7375
colposcopies-c	0.7241	0.2759	0.6954	0.3696	0.7444
column-2c	0.8065	0.1935	0.8342	0.6173	0.4882
column-3c	0.7742	0.1505	0.5665	0.6200	0.1957

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5197	0.4803	0.3420	0.0000	0.5252
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%	0.5173	0.4827	0.3409	0.0000	0.5256
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.6178	0.3822	0.6231	0.2374	0.8876
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.5192	0.1374	0.1603	0.1081	0.3019
covtype	0.6334	0.1047	0.1951	0.3498	0.2912
covtype10%	0.6260	0.1069	0.1928	0.3370	0.2942
covtypeCD	0.9021	0.0979	0.7580	0.4517	0.4252
covtypeT	0.9343	0.0657	0.7122	0.4150	0.5797
crabs	0.5000	0.2500	0.3333	0.3333	0.2044
creditcard_trans	0.9991	0.0009	0.8634	0.7268	0.4018
creditcard_trans10%	0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced	0.7217	0.0928	0.3117	0.4221	0.2696
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.1562	0.0422	0.1111	0.1462	0.1916
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1700	0.2767	0.0490	-0.0079	0.4471
cyclopentane	0.6296	0.3704	0.6802	0.2969	0.7174
cylinder-bands	0.7037	0.2963	0.7024	0.3504	0.6949
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1054	0.1789	0.1203	0.0052	0.6899
day1%	0.6419	0.3581	0.3910	0.0000	0.4792
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8257	0.1743	0.7117	0.3843	0.6297
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8894	0.1106	0.6478	0.1977	0.5009
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.4865	0.1712	0.2588	0.3405	0.2396
desharnais	0.5000	0.3333	0.5588	0.2381	0.5156
dexter	0.7000	0.3000	0.7185	0.4000	0.7215
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.6500	0.3500	0.5000	0.0000	0.9095
diabetes	0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k	0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk	0.8258	0.1742	0.8016	0.5696	0.6057
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%	0.5530	0.2980	0.3700	0.1497	0.5475
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6350	0.1460	0.4419	0.4740	0.3664
dishonest	0.7812	0.2188	0.7475	0.3708	0.3932
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5000	0.5000	0.4857	-0.0286	0.9973
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9304	0.0696	0.7832	0.5623	0.5389
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.7352	0.2648	0.7726	0.4943	0.6191
dropout	0.7223	0.1851	0.5287	0.5247	0.3825

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.4149	0.1672	0.2403	0.0373	0.3760
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3989	0.1717	0.1584	0.2181	0.3829
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8617	0.0395	0.1322	-0.0076	0.1838
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6011	0.1140	0.1783	0.2816	0.3316
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1368	0.0979	0.0000	0.2706
drug-17	0.3298	0.1915	0.1239	0.0819	0.4342
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.8971	0.0294	0.9042	0.8756	0.1519
ecoli	0.8235	0.0441	0.4253	0.7539	0.1438
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3000	0.3500	0.2057	0.0667	0.4904
eeg	0.2797	0.0900	0.2209	0.1904	0.5299
eeg-eye	0.6195	0.3805	0.6364	0.2571	0.8590
eeg10%	0.2589	0.0926	0.1656	0.1634	0.5340
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4932	0.2027	0.2821	0.2995	0.3217
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.8872	0.1128	0.8888	0.7724	0.4401
exon.vs.intron-freq10%	0.8868	0.1132	0.8867	0.7724	0.4632
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.7077	0.2923	0.7149	0.3980	0.7327
fbis-wc	0.3374	0.0780	0.0737	0.2013	0.3170
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5686	0.4314	0.5666	0.0556	0.6935
financial-risk	0.6335	0.1222	0.2168	0.3235	0.2218
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.3000	0.1750	0.1594	0.1139	0.3206
fonts	0.2065	0.0104	0.0048	0.1161	0.2851
fonts10%	0.2067	0.0104	0.0048	0.1164	0.2852
forest	0.9038	0.0481	0.8934	0.8673	0.1258
gas	0.6506	0.1165	0.6312	0.5823	0.2972
gastrointestinal	0.5625	0.2917	0.5339	0.3043	0.5880
gender	0.5937	0.2709	0.4235	0.0155	0.3104
gene	0.5110	0.3260	0.2255	0.0000	0.3731
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.7705	0.1147	0.7741	0.6940	0.3843
gina	0.7579	0.2421	0.7615	0.5138	0.7119
gisette	0.8314	0.1686	0.8319	0.6629	0.5984
glass	0.7143	0.0952	0.5493	0.6038	0.1776
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8095	0.1905	0.8397	0.6316	0.4644
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.6000	0.2000	0.3684	0.4118	0.2279
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage	0.5333	0.2333	0.4937	0.3598	0.3859
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.6667	0.3333	0.5739	0.1477	0.8809
hapt	0.8134	0.0311	0.4221	0.7780	0.1549
har	0.3649	0.2540	0.2741	0.1225	0.3552
har70	0.7781	0.0634	0.4029	0.6380	0.1191
har701%	0.7792	0.0631	0.4037	0.6399	0.1131
har7010%	0.7731	0.0648	0.3976	0.6295	0.1399
harth	0.6424	0.0596	0.2399	0.4924	0.2206
harth1%	0.6400	0.0600	0.2392	0.4891	0.2251
harth10%	0.6398	0.0600	0.2380	0.4889	0.2228
hayes-roth	0.5625	0.2917	0.6341	0.3043	0.4143
hcc-survival	0.5294	0.4706	0.5352	0.0685	0.9552
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7329	0.4220	0.6660
heart-attack	0.7419	0.2581	0.7542	0.4918	0.7133
heart-c	0.6667	0.3333	0.6637	0.3243	0.8571
heart-failure	0.8540	0.1460	0.8248	0.6353	0.5278
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass	0.7990	0.2010	0.8045	0.5980	0.6306
hepmass1%	0.8015	0.1985	0.8054	0.6025	0.6341
hepmass10%	0.7973	0.2027	0.8025	0.5941	0.6343
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.6325	0.3675	0.6435	0.2751	0.8616
higgs0.1%	0.6091	0.3909	0.6094	0.2184	0.9182
higgs1%	0.6322	0.3678	0.6417	0.2735	0.8678
higgs10%	0.6356	0.3644	0.6461	0.2806	0.8600
higher	0.2143	0.1964	0.1429	0.0723	0.3641
hinselmann	0.8000	0.2000	0.8077	0.5455	0.5283
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8398	0.1602	0.6389	0.1583	0.5162
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5556	0.2963	0.4023	0.2381	0.5229
hotel-reservartions	0.7676	0.2324	0.7199	0.4156	0.7042
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.6545	0.2303	0.6871	0.4898	0.4965
ht-sensor10%	0.6566	0.2289	0.6899	0.4929	0.4915
htru2	0.9771	0.0229	0.9284	0.8548	0.2334
hypothyroid	0.9443	0.0279	0.4295	0.6990	0.1731
hypothyroidT	0.9894	0.0106	0.9660	0.9297	0.2551
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9640	0.0180	0.9656	0.9520	0.0606
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.8600	0.1400	0.8695	0.7059	0.3522
isolet	0.5687	0.0332	0.5834	0.5514	0.2276

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.5743	0.0946	0.5684	0.5134	0.3140
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6993	0.3894	0.7430
kdc-4007	0.1995	0.2001	0.1557	0.0567	0.3614
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9445	0.0555	0.4857	-0.0078	0.4197
kddcup99	0.7921	0.0181	0.0749	0.6401	0.0484
kddcup991%	0.9771	0.0020	0.1277	0.9611	0.0208
kddcup9910%	0.9786	0.0019	0.1279	0.9635	0.0190
kepler	0.7542	0.1639	0.5541	0.5833	0.2169
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9000	0.1000	0.8933	0.7867	0.4462
krkopt	0.2734	0.0807	0.0963	0.1600	0.4180
krvskp	0.6520	0.3480	0.7233	0.3247	0.5089
la1s-wc	0.4571	0.1810	0.2331	0.2409	0.3529
la2s-wc	0.4437	0.1854	0.2282	0.2168	0.3550
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.1176	0.0441	0.0340	0.0860	0.3223
led24	0.1500	0.1700	0.0500	0.0885	0.3215
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.5285	0.0363	0.5908	0.5095	0.3307
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7778	0.0296	0.7303	0.7612	0.0904
linkage	0.9979	0.0021	0.8940	0.7708	0.4755
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9975	0.0025	0.8797	0.7372	0.4972
liver	0.5882	0.4118	0.5296	0.0593	0.9390
loan	0.9696	0.0304	0.9687	0.9361	0.1901
localization	0.4268	0.1042	0.1405	0.1847	0.3492
localization10%	0.4248	0.1046	0.1403	0.1826	0.3578
lrs	0.5472	0.0906	0.1416	0.3497	0.2507
lung	0.8571	0.0571	0.6497	0.6957	0.1078
lung_discrete	0.6250	0.1071	0.3499	0.5000	0.1818
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.8857	0.7938	0.1791
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4014	0.5882	0.2627
lymphoma2	0.5556	0.0988	0.1667	0.4000	0.1675
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.6346	0.3654	0.6361	0.2692	0.8883
magic04	0.7522	0.2478	0.7461	0.4846	0.7362
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8444	0.6875	0.5712
marketing	0.8661	0.1339	0.6818	0.3332	0.6348
maternal	0.6238	0.2508	0.6508	0.4394	0.5650
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.5000	0.2500	0.3333	0.3333	0.2044
mental-health	0.2200	0.3120	0.1649	0.0159	0.5836

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.5304	0.4696	0.6124	0.1399	0.7043
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.9083	0.8462	0.1492
meter-D	0.6667	0.1667	0.6250	0.5200	0.1792
mfeat-fac	0.8150	0.0370	0.8350	0.7944	0.1790
mfeat-fou	0.7050	0.0590	0.7401	0.6722	0.2250
mfeat-kar	0.6850	0.0630	0.7058	0.6500	0.2515
mfeat-mor	0.4000	0.1200	0.3200	0.3333	0.2177
mfeat-pix	0.6550	0.0690	0.7205	0.6167	0.2200
mfeat-zer	0.1850	0.1630	0.1344	0.0944	0.3750
mice-prot	0.2778	0.1806	0.1090	0.1613	0.2709
milk	0.6887	0.2075	0.7597	0.5521	0.3474
mines	0.3235	0.2706	0.2676	0.1184	0.3645
mobile	0.4685	0.0190	0.5070	0.4589	0.2032
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8831	0.1169	0.8900	0.7675	0.4161
music	0.3844	0.1119	0.3056	0.2129	0.3912
musk	0.8485	0.1515	0.6256	0.0455	0.3584
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.5887	0.4113	0.6268	0.2219	0.8264
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.6079	0.3921	0.6527	0.2621	0.7827
MUT_ci300400a_cdk_PUBCHEM	0.6108	0.3892	0.6705	0.2768	0.7238
MUT_ci300400a_cdk_STANDARD	0.6539	0.3461	0.6585	0.3109	0.8542
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.8706	0.0324	0.2414	0.2917	0.1026
naticusdroid	0.8609	0.1391	0.8665	0.7217	0.4855
NCI60	0.3333	0.2222	0.3333	0.2000	0.2322
nci9	0.1667	0.1852	0.0370	0.0323	0.2513
ncRNA	0.8220	0.0187	0.0837	0.5399	0.1560
ncRNA1%	0.8248	0.0184	0.0840	0.5457	0.1524
ncRNA10%	0.8230	0.0186	0.0838	0.5423	0.1550
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9048	0.0952	0.8056	0.6111	0.5744
new3s-wc	0.1187	0.0401	0.0249	0.0615	0.3927
newspop	0.6019	0.3981	0.6088	0.2120	0.9067
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.8523	0.1477	0.8231	0.6455	0.6020
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.6628	0.1349	0.3421	0.4962	0.1374
obesity	0.4692	0.1517	0.4601	0.3761	0.3008
obs	0.8241	0.0880	0.8742	0.7397	0.2127
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9003	0.0499	0.5638	0.6970	0.1212
oh0-wc	0.3564	0.1287	0.1498	0.2152	0.3055
oh10-wc	0.2571	0.1486	0.1435	0.1184	0.3409
oh15-wc	0.2935	0.1413	0.1401	0.1447	0.3432
oh5-wc	0.2747	0.1451	0.1401	0.1328	0.3475

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.2276	0.1545	0.1253	0.0986	0.3778
olive	0.4561	0.1209	0.2035	0.3227	0.2816
opn310k	0.9085	0.0915	0.4760	-0.0011	0.2550
opn310k10%	0.9104	0.0896	0.5573	0.0154	0.3206
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.3915	0.1217	0.2995	0.3283	0.3647
optdigitsZ	0.9573	0.0427	0.8928	0.7734	0.4682
orl	0.4500	0.0275	0.4311	0.4359	0.1780
orlraws10P	0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants	0.9924	0.0076	0.4981	-0.0036	0.5515
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9506	0.0197	0.6453	0.7338	0.2976
parkinson	0.9583	0.0417	0.9592	0.9151	0.2119
parkinsons	0.7536	0.2464	0.7316	0.4323	0.6884
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8320	0.1680	0.7815	0.5557	0.6301
particle10%	0.8154	0.1846	0.7611	0.5179	0.6749
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.5876	0.4124	0.5435	0.0262	0.6698
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8158	0.1842	0.7285	0.4286	0.6452
pediatric-leukemia	0.4412	0.1597	0.1971	0.2692	0.3148
pendigits	0.8462	0.0308	0.8564	0.8292	0.1825
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7813	0.2187	0.7641	0.4944	0.6231
personalities	0.3710	0.0786	0.4029	0.3291	0.6207
pet-adoption	0.7350	0.2650	0.7114	0.4208	0.7826
phishing	0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.3459	0.1869	0.2838	0.2194	0.3920
phone-acc0.1%	0.3484	0.1862	0.2834	0.2225	0.3900
phone-acc1%	0.3453	0.1870	0.2855	0.2187	0.3892
phone-acc10%	0.3460	0.1868	0.2834	0.2195	0.3922
phone-gyr	0.4084	0.1690	0.2975	0.2930	0.3484
phone-gyr0.1%	0.4171	0.1665	0.2986	0.3035	0.3341
phone-gyr1%	0.4076	0.1693	0.2984	0.2919	0.3503
phone-gyr10%	0.4084	0.1690	0.2977	0.2929	0.3481
phoneme	0.7593	0.2407	0.7356	0.4605	0.7324
phy	0.6722	0.3278	0.6722	0.3443	0.8549
pima	0.7368	0.2632	0.7195	0.4362	0.7761
pirvision	0.9915	0.0057	0.9851	0.9727	0.0290
placement	0.7370	0.2630	0.7350	0.4680	0.7669
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker	0.5076	0.0985	0.1014	0.0332	0.2465
poker1%	0.5005	0.0999	0.1004	0.0154	0.2413
poker10%	0.4999	0.1000	0.1015	0.0006	0.1761
polish-1st	0.9659	0.0341	0.7099	0.1938	0.1019
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9541	0.0459	0.7244	0.4225	0.4959
polish-5th	0.9509	0.0491	0.7773	0.4351	0.1357
polya	0.6692	0.3308	0.6455	0.2906	0.8639
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7489	0.1004	0.7651	0.6857	0.2888
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6116	0.2059	0.8768
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.2121	0.0716	0.0431	0.1307	0.2667
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.5563	0.1775	0.4600	0.3774	0.3155
puc-rio10%	0.5546	0.1782	0.3114	0.3710	0.2752
pufs-128	0.5001	0.4999	0.5001	0.0003	0.9999
pufs-1281%	0.4883	0.5117	0.4883	-0.0233	1.0000
pufs-12810%	0.5013	0.4987	0.5013	0.0025	0.9993
pufs-64	0.5031	0.4969	0.5031	0.0062	0.9983
pufs-641%	0.5025	0.4975	0.5025	0.0050	0.9986
pufs-6410%	0.5008	0.4992	0.5008	0.0017	0.9995
pulsar	0.9761	0.0239	0.9277	0.8553	0.2884
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
rcv1	0.2492	0.0189	0.0016	-0.0116	0.3099
rcv11%	0.2426	0.0286	0.0230	0.1218	0.2969
rcv110%	0.2495	0.0325	0.0192	0.0070	0.3001
re0-wc	0.5533	0.0687	0.1165	0.3062	0.2746
re1-wc	0.4036	0.0477	0.0503	0.2394	0.2814
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.6120	0.0119	0.0242	0.4286	0.1768
rice	0.9813	0.0187	0.9812	0.9622	0.1187
rnaseq	0.5250	0.1900	0.3071	0.3661	0.2909
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.7792	0.0736	0.7459	0.7279	0.3159
satimageF	0.9860	0.0140	0.9647	0.9292	0.2145
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.1633	0.1993	0.2632	0.2747
schiller	0.5556	0.4444	0.5303	0.0526	0.7987
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.6072	0.3928	0.6165	0.2260	0.8949
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9091	0.0260	0.9221	0.8936	0.0927
segmentation	0.7277	0.2723	0.7574	0.4734	0.6638
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9560	0.0440	0.8819	0.7633	0.4382
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8635	0.1365	0.4634	-0.0052	0.3825
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-6-gram	0.8658	0.1342	0.4640	-0.0052	0.3810

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.8832	0.0212	0.8954	0.8716	0.0985
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8662	0.1338	0.7821	0.5531	0.6339
shuttle	0.8700	0.0371	0.4008	0.6709	0.3090
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9191	0.0809	0.9015	0.7845	0.4317
skin10%	0.9150	0.0850	0.8961	0.7738	0.4471
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.5263	0.4737	0.5444	0.0757	0.9099
smoking	0.6985	0.3015	0.7535	0.4380	0.6100
soil_pollution	0.2033	0.3187	0.1174	-0.0038	0.4831
solar-flare	0.5180	0.1607	0.2655	0.3601	0.2285
sonar	0.8500	0.1500	0.8518	0.7000	0.5467
soybean	0.2647	0.0774	0.0442	0.1525	0.2715
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8391	0.1609	0.8303	0.6531	0.5648
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7429	0.2571	0.7152	0.4220	0.7591
spectrometer	0.2453	0.0314	0.0355	0.1786	0.2766
splice-EI	0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE	0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles	0.7800	0.2200	0.7669	0.5333	0.7134
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.6584	0.2277	0.5268	0.4595	0.3187
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9692	0.0308	0.9528	0.9056	0.2424
steel-o	0.7333	0.2667	0.6917	0.3200	0.6687
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.8974	0.1026	0.4730	-0.0098	0.4361
stellar	0.9507	0.0329	0.9416	0.9107	0.1240
stock	0.8611	0.1389	0.7873	0.5694	0.6369
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9620	0.0380	0.9627	0.9225	0.1634
stress	0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle	0.6250	0.1500	0.2762	0.3606	0.3313
student-depression	0.7767	0.2233	0.7672	0.5307	0.7042
student-habits	0.3600	0.2560	0.1682	-0.0022	0.5487
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.4297	0.2500	0.4889
susy	0.7466	0.2534	0.7474	0.4931	0.7511
susy1%	0.7476	0.2524	0.7469	0.4934	0.7534
susy10%	0.7466	0.2534	0.7468	0.4925	0.7528
swarm_aligned	0.9979	0.0021	0.9976	0.9951	0.0188
swarm_flocking	0.9517	0.0483	0.9538	0.9034	0.2083
swarm_grouped	0.9950	0.0050	0.9947	0.9893	0.0317
tae	0.6000	0.2667	0.6497	0.4000	0.4012
telco-churn	0.8139	0.1861	0.7394	0.4331	0.5938
texture	0.8545	0.0264	0.8674	0.8394	0.1489

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.5712	0.4288	0.6846	0.2305	0.5291
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9581	0.0419	0.4893	-0.0214	0.5700
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.6737	0.3263	0.6434	0.2861	0.8589
tis	0.7996	0.2004	0.7487	0.4938	0.7103
tis10%	0.7910	0.2090	0.7186	0.4371	0.7414
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.1667	0.1111	0.0000	0.2923
tox_171	0.5882	0.2059	0.5131	0.4516	0.3120
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.4634	0.1192	0.1753	0.2382	0.2764
trec12-wc	0.3548	0.1613	0.1492	0.1948	0.3650
trec21-wc	0.7879	0.0707	0.2930	0.4031	0.1560
trec23-wc	0.6667	0.1111	0.2764	0.5100	0.1670
trec31-wc	0.5806	0.1198	0.2221	0.4068	0.2341
trec41-wc	0.4318	0.1136	0.1486	0.2691	0.2721
trec45-wc	0.3913	0.1217	0.1414	0.2502	0.2951
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.7500	0.1250	0.7542	0.6667	0.2950
tvnews	0.8041	0.1959	0.7837	0.5527	0.6318
tvnews1%	0.7846	0.2154	0.7623	0.5078	0.6668
tvnews10%	0.7779	0.2221	0.7582	0.4736	0.6096
ur3_cobotops_grip	0.9660	0.0340	0.4913	-0.0026	0.2839
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8336	0.7901	0.1693
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%	0.6644	0.3356	0.3992	0.0000	0.4658
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.6905	0.1548	0.6835	0.5915	0.2553
vehicleVAN	0.7500	0.2500	0.4286	0.0000	0.4011
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4848	0.0937	0.5287	0.4333	0.2944
vowelZ	0.8788	0.1212	0.4677	-0.0476	0.7114
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2949	0.0705	0.0641	0.1786	0.3204
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	0.7143	0.0571	0.7163	0.6818	0.1322
watch-acc	0.4198	0.1658	0.3624	0.3257	0.3477
watch-acc1%	0.5521	0.1280	0.4856	0.4757	0.3480
watch-acc10%	0.4204	0.1656	0.3616	0.3262	0.3475
watch-gyr	0.5949	0.1157	0.5313	0.5246	0.3040
watch-gyr1%	0.6045	0.1130	0.5398	0.5360	0.2931
watch-gyr10%	0.5955	0.1156	0.5328	0.5254	0.3026
water_pollution	0.2367	0.3817	0.1508	-0.0142	0.5308
waveform	0.6740	0.2173	0.6736	0.5108	0.5447
weather-related	0.3558	0.1171	0.1350	0.2113	0.3123
web-phishing	0.8000	0.1333	0.5513	0.6221	0.3391
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.3597	0.2561	0.2701	0.1150	0.3647
white-clover	0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc	0.9550	0.0225	0.9566	0.9400	0.0763

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9710	0.0290	0.8465	0.6931	0.4587
wine	0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red	0.5597	0.1468	0.2048	0.2520	0.3395
winequality-white	0.5133	0.1391	0.1675	0.1788	0.3587
winnipeg	0.9494	0.0145	0.8489	0.9359	0.1087
winnipeg10%	0.9454	0.0156	0.8649	0.9308	0.1108
wisc_bc	0.9298	0.0702	0.9246	0.8492	0.3528
yale	0.4375	0.0750	0.3526	0.3975	0.1495
yeast	0.5405	0.0919	0.3659	0.3974	0.3533
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.3344	0.1331	0.2748	0.2502	0.3539

Table 272: Detailed results for CART(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1343	0.0597	0.0868	0.0577	0.6391
abalone19	0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18	0.9041	0.0959	0.5868	0.1718	0.6407
accelerometer	0.9716	0.0284	0.6416	0.2803	0.5719
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9543	0.0457	0.9080	0.8154	0.3921
adult	0.8098	0.1902	0.7388	0.4775	0.7136
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8492	0.1508	0.5066	0.0132	0.7200
AID_1431_KlekotaRothFingerprinter	0.8413	0.1587	0.5401	0.0796	0.6999
AID_1431_MACCSFingerprinter	0.8413	0.1587	0.5739	0.1446	0.6855
AID_1878	0.7048	0.2952	0.5490	0.0966	0.8126
AID_602330	0.8958	0.1042	0.4725	-0.0526	0.5632
AID_652128	0.8586	0.0943	0.5036	0.1691	0.5859
AID1284Morered	0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red	0.6944	0.3056	0.4098	-0.1786	0.7728
AID1608Morered	0.8544	0.1456	0.4607	-0.0782	0.6585
AID1608red	0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red	0.9743	0.0257	0.5708	0.1409	0.5587
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9978	0.0022	0.6260	0.2343	0.4896
AID439Morered	0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red	0.7143	0.2857	0.4167	-0.1667	0.7987
AID456red	0.9940	0.0060	0.4985	-0.0030	0.5141
AID604	0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed	0.9980	0.0020	0.5722	0.1419	0.5047
AID644Morered	0.7500	0.2500	0.6891	0.3750	0.7858
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9991	0.0009	0.4998	-0.0004	0.5319
AID687red	0.9924	0.0076	0.5376	0.0705	0.4603
AID688red	0.9805	0.0195	0.4951	-0.0098	0.5223
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.7778	0.2222	0.6786	0.3571	0.7720
AID746AID1284red	0.9980	0.0020	0.4995	-0.0010	0.5055
AID746red	0.9906	0.0094	0.6193	0.2385	0.5496
aids	0.8639	0.1361	0.8082	0.6135	0.5855
air_pollution	0.2533	0.2133	0.1731	0.0503	0.8900
air-booking	0.7798	0.2202	0.5905	0.1802	0.7725
airline	0.9460	0.0540	0.9451	0.8902	0.2841
alcohol	0.8476	0.0610	0.6825	0.6707	0.3708
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.9023	0.0977	0.8935	0.7869	0.4460
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family	0.9527	0.0236	0.8789	0.9097	0.1750
anuran-genus	0.9249	0.0188	0.8085	0.8758	0.2744
anuran-species	0.9389	0.0122	0.8624	0.9153	0.1524
anxiety	0.0917	0.2019	0.0907	-0.0212	0.7908
apple-quality	0.8050	0.1950	0.8051	0.6100	0.6545
aps-failure	0.9892	0.0108	0.8487	0.6974	0.4362
arabidopsis	0.9815	0.0185	0.5339	0.0655	0.4979
arabidopsis0.1%	0.9882	0.0118	0.4970	-0.0044	0.5347
arabidopsis1%	0.9770	0.0230	0.4942	-0.0105	0.4328
arabidopsis10%	0.9787	0.0213	0.5272	0.0500	0.4613

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.5669	0.1304	0.9336
arrhythmia	0.6889	0.0479	0.3708	0.5655	0.2283
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.8261	0.0145	0.3876	0.7991	0.0446
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	1.0000	0.0000	0.8333	1.0000	0.0000
avila	0.9746	0.0042	0.9584	0.9670	0.0862
babies	0.3145	0.1959	0.1511	0.0201	0.7290
balance	0.7742	0.1505	0.5695	0.6128	0.4382
bank	0.8861	0.1139	0.7219	0.4435	0.6584
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8065	0.1935	0.7944	0.5877	0.6668
basehock	0.9698	0.0302	0.9699	0.9397	0.1798
bio	0.9951	0.0049	0.8636	0.7268	0.4219
bio10%	0.9938	0.0062	0.8455	0.6866	0.4806
biodeg	0.8667	0.1333	0.8576	0.7146	0.5298
biomed	0.8571	0.1429	0.8568	0.6736	0.3386
bitcoin	0.9825	0.0012	0.1233	0.3984	1.0000
bitcoin1%	0.9712	0.0020	0.0856	0.1838	0.5023
bitcoin10%	0.9807	0.0013	0.1148	0.3575	0.7370
body-perf	0.6657	0.1672	0.6660	0.5542	0.5030
bookings	0.9867	0.0089	0.7845	0.9719	0.1089
brain-tumor	0.5065	0.4935	0.5066	0.0131	0.9961
breast-cancer	0.5714	0.4286	0.5118	0.0233	0.9149
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue	0.7273	0.0909	0.6655	0.6667	0.1595
bridges	0.8000	0.0571	0.6857	0.7143	0.1393
bub10at310k-hg16-17	0.9039	0.0961	0.6681	0.3277	0.6463
bub12at310k-hg16-17	0.8712	0.1288	0.6300	0.2593	0.6921
bub8at310k-hg16-17	0.8695	0.1305	0.6494	0.2953	0.6809
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4130	0.3913	0.3272	0.0020	0.8250
car	0.9828	0.0086	0.9704	0.9627	0.0483
car-insurance	0.7930	0.2070	0.7644	0.5281	0.7063
card	0.8406	0.1594	0.8400	0.6774	0.5801
cardiotocography	0.7700	0.0460	0.7409	0.7253	0.2746
cardiotocography-nsp	0.9202	0.0532	0.8472	0.7808	0.2596
cardiovascular	0.6343	0.3657	0.6344	0.2687	0.8963
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8750	0.0833	0.8071	0.7720	0.2344
cas_N6512_cdk_ECFP2	0.7281	0.2719	0.7345	0.4608	0.7590
cas_N6512_rdkit_ATOMPAIR	0.7046	0.2954	0.7024	0.4046	0.8162
cas_N6512_RDkit_AtomPair_FP	0.7132	0.2868	0.7109	0.4215	0.8046
cas_N6512_rdkit_AVALON	0.7404	0.2596	0.7391	0.4782	0.7656
cas_N6512_RDkit_Avalon_FP	0.7531	0.2469	0.7517	0.5033	0.7464
cas_N6512_rdkit_descriptors	0.7446	0.2554	0.7452	0.4891	0.7549
cas_N6512_rdkit_FEATMORGAN	0.7327	0.2673	0.7307	0.4614	0.7773
cas_N6512_RDkit_Featmorgan_FP	0.7285	0.2715	0.7273	0.4545	0.7829
cas_N6512_RDkit_FP	0.7025	0.2975	0.7002	0.4003	0.8191
cas_N6512_rdkit_LAYERED	0.7477	0.2523	0.7479	0.4948	0.7514
cas_N6512_RDkit_Layered_FP	0.7730	0.2270	0.7711	0.5412	0.7113

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7680	0.2320	0.7660	0.5308	0.7196
cas_N6512_RDkit_MACCS_FP	0.7669	0.2331	0.7675	0.5336	0.7193
cas_N6512_rdkit_MORGAN	0.7477	0.2523	0.7455	0.4902	0.7534
cas_N6512_RDkit_morgan_FP	0.7239	0.2761	0.7216	0.4427	0.7894
cas_N6512_rdkit_PATTERN	0.7477	0.2523	0.7475	0.4943	0.7525
cas_N6512_RDkit_pattern_FP	0.7239	0.2761	0.7236	0.4467	0.7876
cas_N6512_rdkit_RDKITFP	0.7235	0.2765	0.7224	0.4446	0.7899
cas_N6512_rdkit_TORSION	0.7077	0.2923	0.7062	0.4125	0.8117
ccds	0.9309	0.0691	0.6134	0.2228	0.6092
ccds1%	0.9093	0.0907	0.5335	0.0633	0.5653
ccds10%	0.9120	0.0880	0.5484	0.0913	0.5695
cdc_diabetes	0.7952	0.1365	0.4025	0.1806	0.6571
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7371	0.2479	0.7369	0.4815	0.7315
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9339	0.0661	0.6705	0.3345	0.6112
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9158	0.0842	0.5768	0.1530	0.6360
CDS49_AID687_Rdkit-ecfp4-fp	0.9955	0.0045	0.4989	-0.0023	0.5249
census	0.9449	0.0551	0.7438	0.4812	0.5494
census10%	0.9288	0.0712	0.6828	0.3655	0.6289
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9535	0.0465	0.8495	0.6895	0.5225
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9535	0.0465	0.8481	0.6446	0.5283
cervical-S	0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia	0.9003	0.0498	0.9034	0.8507	0.2017
chrom19	0.9997	0.0003	0.9122	0.8241	0.3332
chrom191%	0.9971	0.0029	0.6660	0.2845	0.4648
chrom1910%	0.9993	0.0007	0.8425	0.6839	0.4515
chrom21	0.9992	0.0008	0.5134	0.0197	0.3125
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9995	0.0005	0.4999	-0.0002	0.5015
chronic-kidney	0.8675	0.1325	0.6248	0.2420	0.6612
churn	0.7720	0.2280	0.6579	0.3154	0.7800
churn-bigml	0.9438	0.0562	0.8886	0.7772	0.4272
ci900367j_MACCS	0.6105	0.3895	0.6126	0.2191	0.8871
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4748	0.4000	0.6288
cjs	0.9964	0.0012	0.9962	0.9956	0.0059
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7398	0.1301	0.5999	0.6072	0.5386
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.5833	0.2778	0.6667	0.3333	0.4065
cm1	0.8400	0.1600	0.5556	0.1111	0.7284
cmc	0.5442	0.3039	0.5268	0.2988	0.7023
cnae-9	0.8889	0.0247	0.8903	0.8750	0.1246
codon_usage	0.8243	0.0320	0.6541	0.7867	0.3329
coil20	0.9028	0.0097	0.9064	0.8976	0.0611
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.9600	0.0053	0.8888	0.9560	0.0124
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6897	0.3103	0.6837	0.3587	0.8095
colposcopies-2	0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3	0.5517	0.4483	0.5437	0.0872	0.9614
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6	0.7586	0.2414	0.7595	0.5178	0.7328
colposcopies-c	0.6897	0.3103	0.5964	0.1920	0.8470
column-2c	0.8065	0.1935	0.7925	0.5792	0.6633
column-3c	0.8387	0.1075	0.7914	0.7395	0.2576

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5286	0.4715	0.6078	0.0002	0.5223
comedy_comparisons1%	0.5250	0.4750	0.5228	0.0453	0.9842
comedy_comparisons10%	0.5224	0.4776	0.5500	0.0115	0.5843
connect-4	0.9785	0.0143	0.6780	0.5704	0.5080
cottonmeloidogyne	0.6779	0.3221	0.6778	0.3555	0.8483
coupon	0.7035	0.2965	0.6991	0.3979	0.8184
covid19	0.5278	0.1349	0.2053	0.1736	0.6713
covtype	0.9439	0.0160	0.9085	0.9099	0.1659
covtype10%	0.8401	0.0457	0.7624	0.7428	0.3406
covtypeCD	0.9821	0.0179	0.9625	0.9249	0.2125
covtypeT	0.9842	0.0158	0.9389	0.8779	0.2665
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9993	0.0007	0.8968	0.7909	0.2614
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.8876	0.0375	0.7486	0.7708	0.4070
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.3125	0.0344	0.2436	0.2932	0.1174
customer-churn	0.9734	0.0266	0.6871	0.3735	0.5738
cybersecurity	0.1600	0.2800	0.1628	-0.0092	0.8819
cyclopentane	0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands	0.7778	0.2222	0.7872	0.5604	0.6642
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1060	0.1788	0.1060	0.0066	0.9261
day1%	0.9795	0.0205	0.9778	0.9556	0.1458
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.7253	0.2747	0.6114	0.2224	0.8254
defect	0.9074	0.0926	0.8337	0.6668	0.5493
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8892	0.1108	0.7193	0.4374	0.6501
depressed	0.7203	0.2797	0.4993	-0.0014	0.8265
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.6972	0.3846	0.3352
dexter	0.8500	0.1500	0.8502	0.7000	0.5590
df_final	0.5000	0.3333	0.5278	0.2558	0.5679
DIA	0.7833	0.2167	0.7176	0.4348	0.7471
diabetes	0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k	0.9524	0.0476	0.8452	0.6904	0.4747
diabetes-risk	0.8812	0.1188	0.8185	0.6370	0.5786
diabetic	0.5566	0.2956	0.4239	0.1627	0.6972
diabetic1%	0.5000	0.3333	0.3550	0.1028	0.7436
diabetic10%	0.4745	0.3504	0.3767	0.0695	0.7846
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7240	0.1104	0.7215	0.6143	0.4167
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5833	0.4167	0.5714	0.1429	0.9438
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9904	0.0096	0.4976	-0.0040	0.3657
dna1%	0.9924	0.0076	0.5230	0.0419	0.4326
dna10%	0.9926	0.0074	0.5261	0.0480	0.4403
dorothea	0.8870	0.1130	0.7112	0.4176	0.6567
dota2	0.5194	0.4806	0.5180	0.0360	0.9885
dota210%	0.5311	0.4689	0.5289	0.0579	0.9816
drebin	0.9800	0.0200	0.9787	0.9573	0.1423
dropout	0.6885	0.2077	0.6302	0.5015	0.5794

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.2553	0.2128	0.1274	-0.0081	0.8720
drug-02	0.3564	0.1839	0.1663	0.0799	0.8514
drug-03	0.5000	0.1429	0.1374	0.0041	0.7797
drug-04	0.3511	0.1854	0.2366	0.0743	0.8335
drug-05	0.5319	0.1337	0.1407	-0.0223	0.7770
drug-06	0.2872	0.2036	0.2464	0.1441	0.7619
drug-07	0.3245	0.1930	0.1394	-0.0282	0.6502
drug-08	0.4415	0.1596	0.2030	0.1522	0.7987
drug-09	0.7500	0.0714	0.1247	0.0235	0.4379
drug-10	0.4415	0.1596	0.2254	0.1482	0.8288
drug-11	0.7394	0.0745	0.1467	0.0345	0.7416
drug-12	0.6383	0.1033	0.1677	0.0396	0.7517
drug-13	0.4787	0.1489	0.1626	0.1203	0.7722
drug-14	0.4947	0.1444	0.2199	0.1900	0.7514
drug-15	0.6330	0.1049	0.2008	0.1276	0.7526
drug-16	0.4681	0.1520	0.2367	0.1855	0.7309
drug-17	0.2553	0.2128	0.1859	0.0724	0.8503
drug-18	0.9787	0.0085	0.1978	-0.0040	0.0076
drug-19	0.6064	0.1125	0.1444	0.0244	0.5265
drybean	0.8905	0.0313	0.9031	0.8677	0.1701
ecoli	0.7941	0.0515	0.5108	0.7193	0.1874
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3000	0.3500	0.2990	0.0664	0.8163
eeg	0.3780	0.0777	0.3838	0.3131	0.7423
eeg-eye	0.8425	0.1575	0.8405	0.6807	0.5785
eeg10%	0.3147	0.0857	0.2706	0.2441	0.7453
email_phishing	0.9865	0.0135	0.7171	0.4312	0.5208
eucalyptus	0.5753	0.1699	0.5541	0.4576	0.4674
euthyroid	0.9494	0.0506	0.8569	0.7139	0.4676
exon.vs.intron-freq	0.9652	0.0348	0.9651	0.9303	0.2037
exon.vs.intron-freq10%	0.9277	0.0723	0.9276	0.8551	0.3469
fakenews	0.5175	0.4825	0.5174	0.0349	0.9898
farm-ads	0.8792	0.1208	0.8816	0.7549	0.4465
fbis-wc	0.7195	0.0330	0.5936	0.6826	0.2541
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.7451	0.2549	0.7414	0.4792	0.7518
financial-risk	0.8865	0.0378	0.8577	0.8214	0.2044
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.7000	0.0750	0.5000	0.6226	0.1483
fonts	0.7724	0.0030	0.5512	0.7619	0.3588
fonts10%	0.6059	0.0052	0.3165	0.5885	0.5090
forest	0.8269	0.0865	0.8097	0.7615	0.2488
gas	0.9784	0.0072	0.9771	0.9738	0.0486
gastrointestinal	0.5625	0.2917	0.5339	0.3043	0.5880
gender	0.5389	0.3074	0.4558	0.1427	0.7336
gene	0.9022	0.0652	0.8934	0.8424	0.2749
german	0.6300	0.3700	0.5587	0.1106	0.9131
gestures	0.7671	0.1164	0.7672	0.6895	0.4015
gina	0.8646	0.1354	0.8647	0.7292	0.5251
gisette	0.9357	0.0643	0.9357	0.8714	0.3186
glass	0.6667	0.1111	0.5437	0.5435	0.2996
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.6000	0.2000	0.3750	0.3333	0.2667
glioma-grade	0.8214	0.1786	0.8172	0.6341	0.6286
green	0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage	0.4000	0.3000	0.3356	0.1818	0.4932
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.6333	0.3667	0.5119	0.0237	0.9159
hapt	0.9039	0.0160	0.7481	0.8864	0.1279
har	0.9623	0.0151	0.9609	0.9523	0.0939
har70	0.9004	0.0285	0.6095	0.8545	0.3483
har701%	0.8783	0.0348	0.6014	0.8232	0.3498
har7010%	0.8918	0.0309	0.5853	0.8419	0.3592
harth	0.8594	0.0234	0.6105	0.8097	0.2796
harth1%	0.8211	0.0298	0.5020	0.7576	0.3284
harth10%	0.8424	0.0263	0.5736	0.7867	0.3051
hayes-roth	0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival	0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity	0.6000	0.2000	0.2746	0.0426	0.6744
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8065	0.1935	0.8199	0.6189	0.5820
heart-c	0.7333	0.2667	0.7319	0.4595	0.7662
heart-failure	0.9820	0.0180	0.9790	0.9580	0.1242
heart-quantum	0.8600	0.1400	0.8674	0.7200	0.4927
hepatitis	0.6000	0.4000	0.6019	0.1667	0.7161
hepmass	0.8172	0.1828	0.8172	0.6344	0.6309
hepmass1%	0.8051	0.1949	0.8051	0.6103	0.6546
hepmass10%	0.8117	0.1883	0.8117	0.6233	0.6419
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.6710	0.3290	0.6702	0.3404	0.8567
higgs0.1%	0.6027	0.3973	0.6014	0.2029	0.9264
higgs1%	0.6334	0.3666	0.6317	0.2634	0.8979
higgs10%	0.6461	0.3539	0.6449	0.2898	0.8846
higher	0.2143	0.1964	0.1641	0.0667	0.3750
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.8600	0.1400	0.7456	0.4907	0.6623
hiva	0.9574	0.0426	0.5920	0.1629	0.5802
horse	0.5833	0.2778	0.5464	0.2761	0.6724
hotel-reservartions	0.8762	0.1238	0.8598	0.7197	0.5263
hr	0.7439	0.2561	0.4959	-0.0081	0.7756
ht-sensor	0.9996	0.0003	0.9996	0.9994	0.0024
ht-sensor10%	0.9974	0.0017	0.9975	0.9961	0.0129
htru2	0.9676	0.0324	0.9032	0.8064	0.3736
hypothyroid	0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT	0.9947	0.0053	0.9822	0.9638	0.1636
ilpd	0.5593	0.4407	0.4431	-0.1132	0.9570
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9673	0.0163	0.9674	0.9564	0.0728
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.7831	0.0167	0.7871	0.7744	0.1947

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.7649	0.2351	0.6057	0.2106	0.8076
jvowels	0.8956	0.0232	0.8923	0.8817	0.1655
kc1	0.8246	0.1754	0.6636	0.3272	0.7382
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.4286	0.0476	0.0333	0.2000	0.0920
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7115	0.2885	0.5817	0.1631	0.8352
kdc-4007	0.6284	0.0929	0.5571	0.5662	0.4435
kddcup98	0.9448	0.0552	0.5120	0.0087	0.4476
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%	0.9340	0.0660	0.4829	-0.0233	0.6211
kddcup99	1.0000	0.0000	0.7585	0.9999	0.0211
kddcup991%	0.9986	0.0001	0.4698	0.9976	0.0011
kddcup9910%	0.9996	0.0000	0.6810	0.9992	0.0365
kepler	0.8494	0.1004	0.7967	0.7521	0.2659
kidney	0.6134	0.1546	0.1991	-0.0113	0.7766
kidney-disease	0.9500	0.0500	0.9505	0.8961	0.2500
krkopt	0.8429	0.0153	0.8715	0.8414	0.1943
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.7714	0.0762	0.7391	0.7116	0.3776
la2s-wc	0.7517	0.0828	0.7506	0.6866	0.3776
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0132	0.4082	0.7216	0.0597
led24	0.5000	0.1000	0.5084	0.4521	0.2117
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8775	0.0094	0.8774	0.8726	0.1420
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8333	0.0222	0.8144	0.8207	0.0684
linkage	1.0000	0.0000	0.9987	0.9974	0.0117
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.9999	0.0001	0.9952	0.9904	0.0370
liver	0.5294	0.4706	0.5541	0.0963	0.8707
loan	0.9836	0.0164	0.9826	0.9651	0.1206
localization	0.6892	0.0565	0.4868	0.6131	0.5816
localization10%	0.6110	0.0707	0.4091	0.5125	0.6391
lrs	0.8302	0.0340	0.4644	0.7651	0.1267
lung	0.8571	0.0571	0.7778	0.6986	0.1108
lung_discrete	0.6250	0.1071	0.4286	0.5294	0.1604
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.8500	0.0600	0.6686	0.6891	0.1981
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.7778	0.0494	0.4148	0.7049	0.0294
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.7500	0.2500	0.7500	0.5000	0.7500
magic04	0.8190	0.1810	0.8054	0.6097	0.6458
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7604	0.2396	0.7645	0.5233	0.7171
marketing	0.8527	0.1473	0.6957	0.3907	0.6995
maternal	0.8317	0.1122	0.8347	0.7446	0.3750
math	0.8500	0.0750	0.8115	0.7665	0.2296
mba	0.7694	0.1538	0.3935	0.1963	0.6548
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2100	0.3160	0.2103	0.0126	0.8693

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.5565	0.4435	0.5499	0.0998	0.9628
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.7333	0.6936	0.2711
meter-D	0.8333	0.0833	0.8451	0.7682	0.1516
mfeat-fac	0.8950	0.0210	0.8964	0.8833	0.1261
mfeat-fou	0.7550	0.0490	0.7598	0.7278	0.2264
mfeat-kar	0.8400	0.0320	0.8442	0.8222	0.1854
mfeat-mor	0.6700	0.0660	0.6732	0.6333	0.2398
mfeat-pix	0.9050	0.0190	0.9064	0.8944	0.1102
mfeat-zer	0.6950	0.0610	0.6987	0.6611	0.2498
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5000	0.2000	0.4864	0.3745	0.4414
mobile	0.7098	0.0104	0.7231	0.7045	0.1304
monks-1	0.9455	0.0545	0.9457	0.8908	0.2776
monks-2	1.0000	0.0000	1.0000	1.0000	0.0000
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3783	0.1130	0.4436	0.2684	0.6455
musk	0.9606	0.0394	0.9218	0.8403	0.2604
MUT_ci300400a_cdk_ECFP2	0.7902	0.2098	0.7912	0.5777	0.6731
MUT_ci300400a_cdk_ECFP4	0.7940	0.2060	0.7876	0.5752	0.6818
MUT_ci300400a_cdk_ECFP6	0.7533	0.2467	0.7461	0.4921	0.7507
MUT_ci300400a_cdk_ESTATE	0.7782	0.2218	0.7705	0.5403	0.7089
MUT_ci300400a_cdk_EXTENDED	0.8106	0.1894	0.8051	0.6101	0.6506
MUT_ci300400a_cdk_FCFP2	0.7988	0.2012	0.7927	0.5855	0.6730
MUT_ci300400a_cdk_FCFP4	0.7638	0.2362	0.7579	0.5157	0.7333
MUT_ci300400a_cdk_FCFP6	0.7698	0.2302	0.7655	0.5304	0.7213
MUT_ci300400a_cdk_MACCS	0.8129	0.1870	0.8096	0.6185	0.6437
MUT_ci300400a_cdk_PUBCHEM	0.8383	0.1617	0.8327	0.6643	0.5883
MUT_ci300400a_cdk_STANDARD	0.8108	0.1892	0.8044	0.6085	0.6490
MUT_ci300400a_rdkit_descriptors	0.8133	0.1867	0.8085	0.6169	0.6433
myocardial	0.8235	0.0441	0.2774	0.3636	0.5498
naticusdroid	0.9697	0.0303	0.9697	0.9393	0.1832
NCI60	0.3333	0.2222	0.2667	0.2000	0.2565
nci9	0.5000	0.1111	0.2667	0.4194	0.0881
ncRNA	0.9462	0.0057	0.7605	0.8608	0.6614
ncRNA1%	0.8910	0.0115	0.5039	0.7209	0.8024
ncRNA10%	0.9148	0.0090	0.6099	0.7813	0.9022
neo	0.8969	0.1031	0.7054	0.4108	0.6545
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.5609	0.0200	0.5286	0.5466	0.2796
newspop	0.5863	0.4137	0.5845	0.1690	0.9407
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9443	0.0557	0.9315	0.8629	0.3200
NPHA-doctor-visits	0.4028	0.3981	0.3682	0.0364	0.8113
nursery	0.9985	0.0006	0.7990	0.9977	0.0044
obesity	0.9526	0.0135	0.9528	0.9447	0.0754
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9908	0.0092	0.9871	0.9741	0.0989
Occupancy_Estimation	0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc	0.8812	0.0238	0.8720	0.8639	0.1218
oh10-wc	0.7524	0.0495	0.7514	0.7208	0.2283
oh15-wc	0.7283	0.0543	0.7235	0.6893	0.2547
oh5-wc	0.7363	0.0527	0.7356	0.7041	0.2722

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.6783	0.0643	0.6658	0.6403	0.4103
olive	0.9123	0.0195	0.9107	0.8925	0.1125
opn310k	0.8799	0.1201	0.6486	0.2970	0.6851
opn310k10%	0.8856	0.1144	0.6562	0.3121	0.6789
opnat310k-hg16-17	0.9081	0.0919	0.6797	0.3486	0.6298
optdigits	0.8790	0.0242	0.8818	0.8655	0.1693
optdigitsZ	0.9858	0.0142	0.9580	0.9152	0.2551
orl	0.8000	0.0100	0.7742	0.7949	0.0328
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9407	0.0593	0.5901	0.1798	0.6134
ozone8hr	0.8972	0.1028	0.6301	0.2602	0.6730
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8041	0.1959	0.7765	0.5505	0.6754
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8016	0.1984	0.8017	0.6028	0.6601
p53-mutants	0.9943	0.0057	0.6778	0.3543	0.5312
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9689	0.0124	0.8465	0.8281	0.2337
parkinson	0.9750	0.0250	0.9745	0.9478	0.1158
parkinsons	0.9242	0.0758	0.9192	0.8381	0.3654
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8948	0.1052	0.8700	0.7400	0.4951
particle10%	0.8615	0.1385	0.8340	0.6666	0.5822
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.6396	0.2671	0.6352
pcmac	0.5464	0.4536	0.4828	-0.0258	0.9283
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7826	0.5636	0.6400
pediatric-leukemia	0.5882	0.1176	0.5107	0.4920	0.3584
pendigits	0.9618	0.0076	0.9617	0.9575	0.0648
period	0.4444	0.5556	0.5000	0.0000	0.8722
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.7259	0.2741	0.7071	0.4142	0.7981
personalities	0.6533	0.0433	0.6536	0.6302	0.4442
pet-adoption	0.9050	0.0950	0.8916	0.7827	0.4364
phishing	0.9551	0.0449	0.9528	0.9053	0.2439
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.9221	0.0201	0.9454	0.9117	0.0426
phone-acc0.1%	0.9058	0.0269	0.8989	0.8900	0.1114
phone-acc1%	0.9841	0.0045	0.9830	0.9814	0.0307
phone-acc10%	0.9959	0.0012	0.9956	0.9952	0.0095
phone-gyr	0.9433	0.0153	0.9528	0.9457	0.0393
phone-gyr0.1%	0.9304	0.0199	0.9241	0.9186	0.0894
phone-gyr1%	0.9729	0.0078	0.9700	0.9683	0.0412
phone-gyr10%	0.9936	0.0018	0.9929	0.9926	0.0127
phoneme	0.8926	0.1074	0.8689	0.7376	0.5017
phy	0.6494	0.3506	0.6494	0.2988	0.8807
pima	0.7237	0.2763	0.7093	0.4184	0.7983
pirvision	0.9961	0.0026	0.9931	0.9876	0.0275
placement	0.7100	0.2900	0.7006	0.4008	0.8132
plant-growth	0.6316	0.3684	0.6315	0.2486	0.8662
plrx	0.7222	0.2778	0.6328	0.2623	0.8344
poker	0.6220	0.0756	0.2725	0.3396	0.7094
poker1%	0.4956	0.1009	0.1221	0.1172	0.7041
poker10%	0.5343	0.0931	0.1515	0.1925	0.8506
polish-1st	0.9815	0.0185	0.8726	0.7451	0.3951
polish-2nd	0.9420	0.0580	0.6466	0.2917	0.6136
polish-3rd	0.9438	0.0562	0.6873	0.3746	0.6097

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9520	0.0480	0.7764	0.5513	0.5667
polish-5th	0.9323	0.0677	0.7438	0.4874	0.6013
polya	0.7222	0.2778	0.6959	0.3918	0.8073
popularity	0.5667	0.2889	0.4130	0.1432	0.7375
post-operative	0.3333	0.4444	0.1667	-0.5000	0.5000
postures	0.9709	0.0116	0.9706	0.9637	0.0727
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6179	0.2353	0.9116
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.2424	0.0689	0.1484	0.1616	0.2672
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6269	0.3731	0.6116	0.2177	0.8722
promoters	0.8000	0.2000	0.8333	0.6154	0.4644
prostate	0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9840	0.0064	0.9722	0.9785	0.0499
puc-rio10%	0.9662	0.0135	0.9367	0.9547	0.0880
pufs-128	0.4975	0.5091	0.4936	-0.0038	1.0000
pufs-1281%	0.4982	0.5018	0.4982	-0.0037	1.0000
pufs-12810%	0.5003	0.4996	0.5003	0.0007	0.9998
pufs-64	0.5020	0.4980	0.5020	0.0040	0.9989
pufs-641%	0.4996	0.5004	0.4996	-0.0008	1.0000
pufs-6410%	0.4994	0.5006	0.4994	-0.0013	1.0000
pulsar	0.9713	0.0287	0.9181	0.8354	0.3654
raisin	0.8556	0.1444	0.8556	0.7111	0.5469
rcv1	0.2343	0.0236	0.0165	0.0126	0.3062
rcv11%	0.6611	0.0128	0.2961	0.6226	0.3547
rcv110%	0.6670	0.0126	0.2762	0.6252	0.3457
re0-wc	0.7800	0.0338	0.8313	0.7176	0.2973
re1-wc	0.8012	0.0159	0.6524	0.7738	0.1571
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8060	0.0060	0.2596	0.7352	0.2210
rice	0.9791	0.0209	0.9789	0.9578	0.1391
rnaseq	0.9875	0.0050	0.9901	0.9834	0.0182
rocket	0.6270	0.3730	0.6172	0.2341	0.9033
RT_IOT2022	0.9982	0.0003	0.9766	0.9955	0.0033
satimage	0.8709	0.0430	0.8556	0.8410	0.2070
satimageF	0.9860	0.0140	0.9647	0.9292	0.2145
satimageT	0.9051	0.0949	0.7549	0.5082	0.6248
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5000	0.5000	0.5000	0.0000	0.9994
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8974	0.1026	0.5726	0.1452	0.6710
secondary_mushroom	0.9948	0.0052	0.9947	0.9894	0.0457
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.9264	0.0210	0.9354	0.9139	0.0828
segmentation	0.8366	0.1634	0.8319	0.6577	0.5933
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.8992	0.1008	0.5411	0.0808	0.6856
semeion	0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram	0.7974	0.2026	0.5749	0.1494	0.7598
sens-10-gram	0.7979	0.2021	0.5532	0.1062	0.7751
sens-2-gram	0.7500	0.2500	0.5075	0.0147	0.7613
sens-3-gram	0.7816	0.2184	0.5773	0.1522	0.7482
sens-4-gram	0.7921	0.2079	0.5709	0.1413	0.7590
sens-5-gram	0.7947	0.2053	0.5657	0.1313	0.7634
sens-6-gram	0.7868	0.2132	0.5215	0.0429	0.7807

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8000	0.2000	0.5624	0.1248	0.7676
sens-8-gram	0.7368	0.2632	0.4929	-0.0139	0.7569
sens-9-gram	0.8105	0.1895	0.6124	0.2236	0.7442
sensorless	0.9856	0.0026	0.9856	0.9842	0.0242
sepsis	0.9095	0.0905	0.6570	0.0031	0.2085
shoppers	0.8597	0.1403	0.7257	0.4512	0.6779
shuttle	0.9997	0.0001	0.9497	0.9990	0.0219
sick	0.9867	0.0133	0.9444	0.8866	0.1604
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9994	0.0006	0.9991	0.9981	0.0098
skin10%	0.9971	0.0029	0.9957	0.9913	0.0243
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1800	0.4100	0.1709	-0.0986	0.8686
smk_can_187	0.5789	0.4211	0.5956	0.1739	0.8862
smoking	0.7980	0.2020	0.7829	0.5657	0.6847
soil_pollution	0.2000	0.3200	0.2002	-0.0011	0.8735
solar-flare	0.7698	0.0767	0.6819	0.7059	0.2112
sonar	0.8000	0.2000	0.8062	0.6000	0.6236
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9405	0.0595	0.8277	0.6548	0.5274
spambase	0.9087	0.0913	0.9047	0.8094	0.4168
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.4528	0.0228	0.1850	0.4228	0.1384
splice-EI	0.9495	0.0505	0.9337	0.8673	0.3218
splice-IE	0.8833	0.1167	0.8338	0.6661	0.5420
sport-articles	0.7800	0.2200	0.7669	0.5333	0.7134
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9021	0.0653	0.8757	0.8408	0.2333
steel-b	0.8205	0.1795	0.7371	0.4737	0.7062
steel-d	0.9795	0.0205	0.8564	0.7039	0.4990
steel-k	0.9744	0.0256	0.9611	0.9221	0.2232
steel-o	0.7692	0.2308	0.7506	0.5005	0.7347
steel-p	0.9077	0.0923	0.6936	0.3872	0.6483
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9387	0.8695	0.3610
stellar	0.9639	0.0241	0.9583	0.9360	0.1241
stock	0.9236	0.0764	0.8636	0.7209	0.4165
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0362
stress	0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle	0.4400	0.2240	0.3077	0.1430	0.6745
student-depression	0.7828	0.2172	0.7765	0.5529	0.7022
student-habits	0.2600	0.2960	0.1515	-0.0458	0.8649
student-weekend	0.3846	0.2462	0.3582	0.1824	0.7020
student-workday	0.5469	0.1812	0.1802	-0.0054	0.7746
studentap	0.4615	0.3590	0.3826	0.1574	0.7714
susy	0.7143	0.2857	0.7124	0.4248	0.8032
susy1%	0.7164	0.2836	0.7147	0.4294	0.8002
susy10%	0.7141	0.2859	0.7124	0.4247	0.8034
swarm_aligned	0.9983	0.0017	0.9981	0.9961	0.0162
swarm_flocking	0.9992	0.0008	0.9992	0.9983	0.0085
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn	0.8466	0.1534	0.8027	0.6054	0.6254
texture	0.9055	0.0172	0.9088	0.8958	0.1260

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7872	0.2128	0.5804	0.1607	0.7805
thrombin	0.9634	0.0366	0.6029	0.2037	0.5759
Thyroid_Diff	0.8947	0.1053	0.8683	0.7295	0.4423
tic-tac-toe	0.9474	0.0526	0.9435	0.8848	0.2992
tis	0.8773	0.1227	0.8312	0.6611	0.5530
tis10%	0.8657	0.1343	0.8191	0.6382	0.5919
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.5882	0.2059	0.6090	0.4541	0.3887
toxicity	0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f	0.8824	0.1176	0.8759	0.7213	0.2987
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6400	0.3600	0.4765	-0.0465	0.9106
trec11-wc	0.8049	0.0434	0.7240	0.7632	0.2193
trec12-wc	0.7419	0.0645	0.7857	0.6908	0.2242
trec21-wc	0.6970	0.1010	0.4562	0.3911	0.3659
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	0.9032	0.0277	0.7979	0.8729	0.1041
trec41-wc	0.9205	0.0159	0.7661	0.9027	0.0904
trec45-wc	0.8696	0.0261	0.7911	0.8476	0.1121
tuandromd	0.9821	0.0179	0.9719	0.9434	0.1312
turkish	0.7500	0.1250	0.7507	0.6667	0.3508
tvnews	0.9351	0.0649	0.9296	0.8583	0.3182
tvnews1%	0.8538	0.1462	0.8409	0.6793	0.5556
tvnews10%	0.8489	0.1511	0.8377	0.6753	0.5803
ur3_cobotops_grip	0.9592	0.0408	0.7251	0.4435	0.5836
ur3_cobotops_stop	0.9660	0.0340	0.7640	0.5278	0.5502
urban	0.8209	0.0398	0.8177	0.7907	0.1690
urinalysis	0.9301	0.0699	0.6270	0.2497	0.6378
url-rep1%	0.9825	0.0175	0.9805	0.9609	0.1362
ustilago	0.9747	0.0253	0.5349	0.0643	0.4718
ustilago1%	0.9625	0.0375	0.6369	0.1944	0.3913
ustilago10%	0.9727	0.0273	0.5390	0.0721	0.4790
vehicle	0.7500	0.1250	0.7178	0.6632	0.2554
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.8372	0.1628	0.8410	0.6753	0.5648
vowel	0.5556	0.0808	0.5633	0.5111	0.2974
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9002	0.0998	0.6594	0.3126	0.6586
wap-wc	0.6731	0.0327	0.4887	0.6350	0.2791
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	0.8571	0.0286	0.8743	0.8409	0.0667
watch-acc	0.9999	0.0000	0.9999	0.9998	0.0006
watch-acc1%	0.9839	0.0046	0.9835	0.9812	0.0365
watch-acc10%	0.9985	0.0004	0.9984	0.9982	0.0047
watch-gyr	0.9999	0.0000	0.9999	0.9999	0.0005
watch-gyr1%	0.9881	0.0034	0.9879	0.9862	0.0261
watch-gyr10%	0.9990	0.0003	0.9990	0.9988	0.0032
water_pollution	0.2333	0.3833	0.2339	-0.0219	0.8775
waveform	0.7460	0.1693	0.7457	0.6190	0.4978
weather-related	0.9635	0.0066	0.9635	0.9586	0.0566
web-phishing	0.8667	0.0889	0.8309	0.7656	0.3841
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9931	0.0028	0.9924	0.9913	0.0209
white-clover	0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc	0.9700	0.0150	0.9699	0.9600	0.0692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9896	0.0104	0.9442	0.8882	0.2208
wine	0.8824	0.0784	0.8530	0.7733	0.1202
winequality-red	0.6415	0.1195	0.4368	0.4415	0.5177
winequality-white	0.6196	0.1087	0.3639	0.4367	0.5758
winnipeg	0.9898	0.0029	0.9811	0.9870	0.0349
winnipeg10%	0.9791	0.0060	0.9741	0.9736	0.0593
wisc_bc	0.9298	0.0702	0.9246	0.8492	0.3528
yale	0.5625	0.0583	0.5250	0.5314	0.1084
yeast	0.4662	0.1068	0.3606	0.3150	0.4944
yeastCYT-POX	0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC	0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1	0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2	0.9527	0.0473	0.7194	0.4370	0.5750
zip	0.8892	0.0222	0.8778	0.8759	0.1644

Table 273: Detailed results for CHAID

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2024	0.0760	0.1248	0.1137	0.4978
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.8643	0.1343	0.4624	0.0000	0.2760
adult	0.8342	0.1658	0.7481	0.4742	0.6228
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9394	0.0849	0.4875	0.0000	0.2021
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.6429	0.2857	0.8453
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8967	0.1033	0.8533	0.6921	0.4258
air_pollution	0.4000	0.1714	0.0818	-0.0060	0.3947
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8698	0.1302	0.8677	0.7354	0.5174
alcohol	0.6952	0.1219	0.2178	0.1264	0.3230
all-aml	0.6946	0.3285	0.4111	0.0000	0.4570
alzheimers	0.9023	0.0977	0.8933	0.7763	0.3680
anneal	0.9326	0.0270	0.7305	0.8591	0.1514
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9207	0.0396	0.6715	0.8488	0.1985
anuran-genus	0.8720	0.0320	0.6114	0.7851	0.2111
anuran-species	0.8694	0.0261	0.7310	0.8172	0.1847
anxiety	0.1500	0.1889	0.1781	0.0394	0.7274
apple-quality	0.6950	0.3050	0.6958	0.3900	0.8234
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9942	0.0084	0.5155	0.0000	0.0337
arabidopsis10%	1.0000	0.0079	0.5172	0.0000	0.0315
arcene	0.6158	0.3965	0.3835	0.0000	0.4807
arrhythmia	0.6667	0.0667	0.3312	0.3559	0.2803

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.8971	0.1029	0.7318	0.2935	0.2321
audiology	0.7727	0.0413	0.6407	0.7277	0.1182
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6000	0.1600	0.5588	0.4425	0.2889
avila	0.5458	0.0757	0.2999	0.3484	0.3812
babies	0.5000	0.1429	0.1628	0.1995	0.3536
balance	0.7903	0.1398	0.5463	0.6072	0.3338
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9051	0.0949	0.9058	0.8095	0.4121
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8364	0.1636	0.8201	0.6245	0.5509
basehock	0.9582	0.0636	0.9433	0.8823	0.3059
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8000	0.2000	0.7879	0.5430	0.5785
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.4851	0.2575	0.4949	0.3134	0.5692
bookings	0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor	0.5085	0.4915	0.5084	0.0168	0.9941
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5478	0.4467	0.3665	0.0000	0.5131
breast-tissue	0.6364	0.1212	0.5820	0.5644	0.1810
bridges	0.8000	0.0667	0.6061	0.6970	0.0886
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9162	0.0885	0.6789	0.0018	0.2067
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4820	0.3453	0.3122	-0.0077	0.4988
car	0.8448	0.0776	0.5636	0.6872	0.3170
car-insurance	0.8390	0.1610	0.8117	0.6233	0.6197
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7089	0.0582	0.5247	0.6469	0.2540
cardiotocography-nsp	0.8310	0.1127	0.7152	0.5288	0.4455
cardiovascular	0.7232	0.2768	0.7250	0.4464	0.7802
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.6085	0.4643	0.6058
cas_N6512_cdk_ECFP2	0.5393	0.4524	0.5826	0.1109	0.8139
cas_N6512_rdkit_ATOMPAIR	0.4924	0.4984	0.4986	-0.0219	0.9818
cas_N6512_RDkit_AtomPair_FP	0.5986	0.4108	0.5798	0.1547	0.9336
cas_N6512_rdkit_AVALON	0.6809	0.3115	0.7005	0.3542	0.8273
cas_N6512_RDkit_Avalon_FP	0.5692	0.4328	0.6140	0.1597	0.8646
cas_N6512_rdkit_descriptors	0.6708	0.3292	0.6837	0.3521	0.8123
cas_N6512_rdkit_FEATMORGAN	0.7344	0.2952	0.7289	0.4095	0.7995
cas_N6512_RDkit_Featmorgan_FP	0.6462	0.3637	0.6494	0.2698	0.8073
cas_N6512_RDkit_FP	0.6520	0.3567	0.6379	0.2714	0.8648
cas_N6512_rdkit_LAYERED	0.6035	0.4143	0.6101	0.1677	0.9020
cas_N6512_RDkit_Layered_FP	0.6103	0.3874	0.6253	0.2105	0.9085
cas_N6512_rdkit_MACCS	0.7189	0.2811	0.7200	0.4383	0.7908
cas_N6512_RDkit_MACCS_FP	0.7377	0.2623	0.7406	0.4774	0.7578

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.7266	0.2902	0.7229	0.4313	0.7678
cas_N6512_RDkit_morgan_FP	0.6653	0.3484	0.6825	0.2930	0.8308
cas_N6512_rdkit_PATTERN	0.6703	0.3434	0.6792	0.3333	0.8377
cas_N6512_RDkit_pattern_FP	0.7156	0.2827	0.7214	0.4407	0.8017
cas_N6512_rdkit_RDKITFP	0.5358	0.4717	0.5350	0.0360	0.9579
cas_N6512_rdkit_TORSION	0.6434	0.3598	0.6622	0.2724	0.8373
ccds1%	0.9891	0.0380	0.4931	0.0000	0.1101
ccds10%	0.9628	0.0410	0.5641	0.0433	0.4222
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6839	0.3161	0.6212	0.2033	0.7940
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9510	0.0615	0.7072	0.3841	0.5849
central-nervous-system	0.0000	0.9653	0.0000	-0.8219	0.8765
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.6971	0.1514	0.4080	0.5305	0.2299
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	1.0000	0.0008	0.5096	0.0000	0.0044
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8060	0.1940	0.6459	0.0861	0.4084
churn-bigml	0.8914	0.1086	0.7543	0.3706	0.2430
ci900367j_MACCS	0.7053	0.2947	0.6930	0.2712	0.5729
circles	0.0400	0.0192	0.0031	0.0303	0.3071
cirrhosis	0.7143	0.1905	0.5023	0.3731	0.2706
cjs	0.6750	0.1083	0.6961	0.5957	0.2134
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.6556	0.1722	0.3648	0.4273	0.3723
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5224	0.3186	0.2588	0.0542	0.3053
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5374	0.3084	0.4106	0.2516	0.6019
cnae-9	0.5278	0.1049	0.5690	0.4688	0.2580
codon_usage	0.6401	0.0654	0.3550	0.5549	0.3383
coil20	0.0562	0.0917	0.0054	0.0000	0.4024
college	0.9091	0.0909	0.8822	0.7601	0.4164
collins	0.5400	0.0613	0.3796	0.4896	0.1942
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6207	0.3793	0.5499	0.0963	0.9266
colposcopies-2	0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6207	0.3793	0.6237	0.2313	0.8700
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.8065	0.1935	0.7925	0.5792	0.6633
column-3c	0.6129	0.2581	0.4958	0.3706	0.4515
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.6418	0.3582	0.6433	0.2824	0.8784
coupon	0.6569	0.3431	0.6439	0.2625	0.8254
covid19	0.5218	0.1366	0.1578	0.1257	0.3209
covtype	0.6441	0.1017	0.2893	0.4092	0.3035
covtype10%	0.6301	0.1057	0.2805	0.3810	0.3216

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.9443	0.0557	0.8746	0.7429	0.3668
covtypeT	0.9431	0.0569	0.7288	0.3977	0.4258
crabs	0.8000	0.1000	0.8421	0.7333	0.0999
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8295	0.0568	0.5772	0.6551	0.3664
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.0625	0.0586	0.0536	0.0323	0.2137
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.1534	-0.0140	0.7502
cyclopentane	0.6667	0.3333	0.6582	0.3077	0.8482
cylinder-bands	0.7963	0.2037	0.7949	0.5664	0.6031
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dating	0.0974	0.1805	0.0930	-0.0025	0.7934
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8177	0.1823	0.6929	0.3259	0.6119
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8879	0.1121	0.6365	0.1321	0.4267
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.3750	0.4167	0.2000	-0.2121	0.5526
dexter	0.9367	0.0655	0.9562	0.8843	0.2377
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7833	0.2167	0.6666	0.2353	0.5887
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%	0.4902	0.3399	0.2570	-0.0670	0.5653
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.8233	0.8381	0.1535
diamonds_all	0.6288	0.1485	0.5128	0.4485	0.3369
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.0000	0.9581	0.0000	-0.9502	0.9486
dlbcl-harvard-tumor	0.7548	0.2423	0.4412	0.0000	0.3999
dlbcl-nih	0.5983	0.4165	0.3866	0.0000	0.4914
dlbcl-stanford	0.4188	0.5995	0.2970	0.0000	0.5198
dna0.1%	1.0000	0.0028	0.5159	0.0000	0.0130
dorothea	0.9920	0.0507	0.8361	0.6670	0.3559
dota2	0.5394	0.4606	0.5316	0.0384	0.8244
dota210%	0.5233	0.4767	0.5339	0.0629	0.9500
drebin	0.8989	0.1011	0.8915	0.7750	0.3923
dropout	0.7336	0.1776	0.6503	0.5356	0.4471
drug-01	0.3936	0.1733	0.1709	0.0640	0.5303
drug-02	0.5053	0.1413	0.1305	0.0244	0.3881
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5000	0.1429	0.1390	0.0637	0.5414
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3989	0.1717	0.2203	0.2422	0.4726
drug-07	0.4149	0.1950	0.1487	0.0097	0.3943
drug-08	0.5160	0.1383	0.1421	0.0067	0.4443
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5053	0.1413	0.1454	0.0458	0.4832
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6170	0.1094	0.1670	0.2296	0.3141
drug-14	0.5479	0.1292	0.1920	0.1984	0.4916

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5851	0.1383	0.2832	0.3029	0.4393
drug-17	0.3723	0.1793	0.1854	0.1415	0.5678
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.8553	0.0414	0.8677	0.8247	0.1892
ecoli	0.6765	0.1078	0.4690	0.5411	0.2939
ecoliCP-IM	0.9545	0.0455	0.9519	0.8991	0.1675
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.2405	-0.0199	0.7908
eeg	0.2875	0.0891	0.2153	0.2074	0.6042
eeg-eye	0.6595	0.3405	0.6537	0.3065	0.8709
eeg10%	0.2995	0.0876	0.2272	0.2130	0.5504
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5890	0.1644	0.5724	0.4643	0.4335
euthyroid	0.9082	0.0918	0.6842	0.3388	0.5871
exon.vs.intron-freq	0.9008	0.0992	0.9008	0.8004	0.4225
exon.vs.intron-freq10%	0.8971	0.1029	0.8977	0.7927	0.4244
fakenews	0.5275	0.4725	0.5296	0.0573	0.9697
fbis-wc	0.4847	0.0592	0.3910	0.4163	0.4979
fertility	0.6000	0.4000	0.3750	-0.1765	0.5613
finance	0.5294	0.4706	0.5063	0.0113	0.9634
financial-risk	0.6925	0.1025	0.3530	0.4681	0.2832
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.6000	0.1143	0.4851	0.5016	0.2728
fonts10%	0.0074	0.0126	0.0001	0.0000	0.3484
forest	0.8269	0.0865	0.8307	0.7602	0.2146
gas	0.8009	0.0664	0.8046	0.7579	0.2332
gastrointestinal	0.6250	0.2500	0.4778	0.3642	0.4577
gender	0.5916	0.2723	0.3557	0.0483	0.4548
gene	0.8076	0.1283	0.7943	0.6973	0.3788
german	0.6900	0.3100	0.6300	0.2327	0.8126
gestures	0.5377	0.2312	0.5361	0.3845	0.3626
gina	0.7299	0.2766	0.7377	0.4383	0.7640
gisette	0.8603	0.1375	0.8916	0.7195	0.5028
glass	0.7143	0.0952	0.6892	0.5828	0.1691
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	1.0000	0.0000	1.0000	1.0000	0.0000
GlaucomaM	0.5789	0.4211	0.5956	0.1739	0.8862
gli_85	0.7569	0.2466	0.4484	0.0000	0.3975
glioma	0.2027	0.5279	0.1137	0.0000	0.4212
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage	0.5333	0.2333	0.5497	0.3675	0.4995
gsalc	0.1133	0.2867	0.0346	0.0000	0.4012
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.0134	0.1609	0.0022	0.0000	0.3540
har	0.4837	0.2065	0.5068	0.3574	0.3931
har70	0.7644	0.0673	0.4457	0.6357	0.2306
har701%	0.7757	0.0641	0.4436	0.6514	0.2056
har7010%	0.7830	0.0620	0.4554	0.6634	0.2004

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth	0.6706	0.0549	0.2473	0.5389	0.2976
harth1%	0.6658	0.0557	0.2414	0.5304	0.3002
harth10%	0.6699	0.0550	0.2465	0.5382	0.2959
hayes-roth	0.5000	0.3333	0.5873	0.2099	0.4244
hcc-survival	0.4706	0.5294	0.4857	-0.0268	0.9719
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7037	0.2963	0.6866	0.3684	0.8172
heart-attack	0.8065	0.1935	0.8199	0.6189	0.5820
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.8400	0.1600	0.8070	0.6010	0.5729
heart-quantum	0.8400	0.1600	0.8619	0.6875	0.4308
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.8016	0.1984	0.8028	0.6029	0.6526
hepmass10%	0.7986	0.2014	0.8002	0.5969	0.6556
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6145	0.3855	0.6112	0.2212	0.9147
higgs1%	0.6158	0.3842	0.6126	0.2135	0.8884
higgs10%	0.6210	0.3790	0.6176	0.2304	0.9004
higher	0.0714	0.2321	0.0625	-0.0643	0.3674
hinselmann	0.5000	0.5000	0.3333	-0.3158	0.8298
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	1.0000	0.0352	0.4960	0.0000	0.1033
horse	0.6111	0.2593	0.5855	0.3480	0.6205
hotel-reservartions	0.7591	0.2409	0.7125	0.3552	0.6159
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.6034	0.2644	0.6254	0.4000	0.5710
ht-sensor10%	0.5985	0.2677	0.6200	0.3932	0.5753
htru2	0.9659	0.0341	0.8897	0.7574	0.1559
hypothyroid	0.9231	0.0385	0.3634	0.3179	0.1803
hypothyroidT	0.9761	0.0239	0.9106	0.8040	0.0803
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.8900	0.0550	0.8994	0.8533	0.1407
ionosphere	0.9143	0.0857	0.9022	0.7853	0.2404
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.2993	0.0544	0.2991	0.2659	0.5354
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.6958	0.0676	0.6817	0.6555	0.3435
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.7692	0.0923	0.3178	0.4265	0.1435
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8269	0.1731	0.7165	0.4236	0.6904
kdc-4007	0.7174	0.0858	0.7275	0.6662	0.3516
kddcup981%	0.9791	0.0524	0.4995	0.0000	0.1400
kddcup9810%	0.9716	0.0495	0.4985	0.0000	0.1334
kddcup991%	0.9785	0.0033	0.2955	0.9635	0.0249
kddcup9910%	0.9791	0.0022	0.2032	0.9644	0.0207
kepler	0.8567	0.0955	0.8076	0.7656	0.2399
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9500	0.0500	0.9467	0.8933	0.2764
krkopt	0.2881	0.0791	0.1874	0.1923	0.5346
krvskp	0.9436	0.0564	0.9434	0.8869	0.2908
la1s-wc	0.2432	0.2467	0.0649	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
la2s-wc	0.7029	0.1053	0.6767	0.6164	0.4724
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.5588	0.0384	0.5069	0.5368	0.1050
led24	0.6000	0.0889	0.6388	0.5493	0.2220
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.4535	0.0420	0.4732	0.4319	0.3376
leukemia	0.2938	0.4663	0.1532	0.0000	0.4089
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.6111	0.0519	0.5910	0.5824	0.1417
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.6765	0.3235	0.4035	0.0000	0.4580
loan	0.9133	0.0867	0.9175	0.8231	0.3518
localization	0.4544	0.0992	0.1843	0.2763	0.4599
localization10%	0.4387	0.1021	0.1674	0.2603	0.4444
lrs	0.8113	0.0539	0.6207	0.7389	0.1731
lung	0.7781	0.0939	0.3263	0.4624	0.1581
lung_discrete	0.7500	0.1000	0.6650	0.6800	0.1214
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.1021	0.3572	0.0380	0.0000	0.2586
lung-cancer-harvard2	0.1729	0.8160	0.1455	0.0000	0.3418
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2	0.8057	0.0721	0.6222	0.6854	0.0930
machine-failure	0.9468	0.0532	0.9468	0.8917	0.2773
madelon	0.7769	0.2231	0.7836	0.5538	0.6651
magic04	0.7749	0.2251	0.7529	0.5057	0.7293
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8430	0.6859	0.5749
marketing	0.8527	0.1473	0.5924	0.0788	0.5088
maternal	0.6337	0.2442	0.6484	0.4362	0.5490
math	0.8250	0.0875	0.7860	0.7366	0.3008
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2367	0.3053	0.2396	0.0383	0.7033
messidor	0.5913	0.4087	0.5988	0.1927	0.9123
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.8250	0.0350	0.8321	0.8056	0.1701
mfeat-fou	0.7000	0.0600	0.7099	0.6667	0.2507
mfeat-kar	0.6850	0.0630	0.6947	0.6500	0.3155
mfeat-mor	0.6900	0.0620	0.6914	0.6556	0.2144
mfeat-pix	0.8100	0.0380	0.8151	0.7889	0.1897
mfeat-zer	0.6050	0.0790	0.6137	0.5611	0.3484
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.7830	0.1447	0.8262	0.6828	0.2792
mines	0.3235	0.2706	0.2635	0.1472	0.5107
mobile	0.3357	0.0237	0.2588	0.3237	0.2272
monks-1	0.7455	0.2545	0.7876	0.4954	0.4694
monks-2	0.7049	0.2951	0.6541	0.2989	0.8273
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9754	0.0246	0.9755	0.9508	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
music	0.3744	0.1137	0.3898	0.2415	0.5535
musk	0.8818	0.1182	0.7396	0.3572	0.3461
MUT_ci300400a_cdk_ECFP2	0.7062	0.2974	0.7300	0.4175	0.7760
MUT_ci300400a_cdk_ECFP4	0.7242	0.2958	0.7428	0.4266	0.7638
MUT_ci300400a_cdk_ECFP6	0.7186	0.3023	0.6989	0.3863	0.7785
MUT_ci300400a_cdk_ESTATE	0.6906	0.3094	0.6916	0.3791	0.8208
MUT_ci300400a_cdk_EXTENDED	0.6647	0.3352	0.6681	0.3228	0.8414
MUT_ci300400a_cdk_FCFP2	0.4643	0.5325	0.5775	0.0424	0.6232
MUT_ci300400a_cdk_FCFP4	0.5651	0.4468	0.5790	0.1340	0.8706
MUT_ci300400a_cdk_FCFP6	0.5873	0.4184	0.6268	0.1995	0.7579
MUT_ci300400a_cdk_MACCS	0.7074	0.2926	0.6949	0.3874	0.8144
MUT_ci300400a_cdk_PUBCHEM	0.8686	0.1630	0.8533	0.6873	0.5802
MUT_ci300400a_cdk_STANDARD	0.7865	0.2262	0.7675	0.5248	0.6979
MUT_ci300400a_rdkit_descriptors	0.7469	0.2531	0.7405	0.4808	0.7596
myocardial	0.8588	0.0353	0.2449	0.1837	0.1160
naticusdroid	0.9309	0.0691	0.9321	0.8618	0.3168
NCI60	0.5000	0.1667	0.3793	0.4000	0.1784
nci9	0.1739	0.2706	0.0490	0.0000	0.3994
ncRNA	0.8470	0.0161	0.1171	0.5248	0.1708
ncRNA1%	0.8432	0.0165	0.0866	0.5353	0.1522
ncRNA10%	0.8449	0.0163	0.0878	0.5279	0.1527
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6355	0.3645	0.6332	0.2662	0.8960
NHANES_age_prediction	0.9736	0.0264	0.9535	0.9052	0.2809
nomao	0.9002	0.0998	0.8777	0.7555	0.4766
NPHA-doctor-visits	0.4583	0.3611	0.3024	-0.0358	0.6743
nursery	0.8434	0.0783	0.6409	0.7682	0.1866
obesity	0.5261	0.1354	0.5068	0.4482	0.3983
obs	0.7593	0.1204	0.7955	0.6417	0.2769
occupancy	0.9844	0.0156	0.9790	0.9571	0.1613
Occupancy_Estimation	0.9842	0.0079	0.9545	0.9513	0.0424
oh0-wc	0.8400	0.0353	0.8261	0.8238	0.1814
oh10-wc	0.5055	0.1002	0.5163	0.4321	0.4170
oh15-wc	0.5857	0.0866	0.5648	0.5148	0.3761
oh5-wc	0.2274	0.1532	0.2188	0.1105	0.3337
olive	0.9123	0.0195	0.8975	0.8912	0.0939
opn310k	0.0954	0.8789	0.0851	0.0000	0.2179
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9128	0.0876	0.4872	0.0000	0.2072
optdigits	0.7651	0.0470	0.7723	0.7389	0.2531
optdigitsZ	0.9911	0.0089	0.9721	0.9436	0.0992
orl	0.0258	0.0470	0.0013	0.0000	0.4045
orlraws10P	0.1005	0.1756	0.0185	0.0000	0.3875
ovarian-cancer	0.3638	0.6222	0.2686	0.0000	0.5053
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7990	0.2010	0.7678	0.5261	0.6685
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8333	0.1667	0.8346	0.6670	0.5914
p53-mutants	1.0000	0.0047	0.5094	0.0000	0.0200
p53-mutants10%	0.0032	0.9931	0.0032	0.0000	0.0090
page-blocks	0.9470	0.0212	0.5399	0.6159	0.1399
parkinson	0.9500	0.0500	0.9488	0.8972	0.2733
parkinsons	0.8483	0.1517	0.8378	0.6631	0.5253
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.8528	0.1472	0.8100	0.6139	0.5807
particle10%	0.8546	0.1454	0.8130	0.6214	0.5808

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5799	0.4232	0.4901	-0.0146	0.7577
pcos	0.9633	0.0367	0.9440	0.8875	0.2932
pd	0.8289	0.1711	0.7512	0.4800	0.6233
pediatric-leukemia	0.2434	0.2089	0.0555	0.0000	0.3551
pendigits	0.7898	0.0420	0.7940	0.7662	0.2131
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7813	0.2187	0.7641	0.4944	0.6231
personalities	0.2680	0.0915	0.2635	0.2192	0.6523
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.8980	0.1020	0.8990	0.7917	0.4286
PhiUSIIL10%	0.4364	0.5456	0.3060	0.0000	0.5072
phone-acc0.1%	0.4648	0.1529	0.4219	0.3738	0.4607
phone-acc1%	0.4522	0.1565	0.4393	0.3594	0.4498
phone-acc10%	0.4475	0.1579	0.4447	0.3537	0.4573
phone-gyr0.1%	0.3941	0.1731	0.3499	0.2882	0.4308
phone-gyr1%	0.3759	0.1783	0.4133	0.2667	0.4595
phone-gyr10%	0.3951	0.1728	0.3392	0.2914	0.4615
phoneme	0.7815	0.2185	0.7532	0.4995	0.7138
phy	0.6644	0.3356	0.6677	0.3280	0.8454
pima	0.7237	0.2763	0.7210	0.3502	0.5762
pirvision	0.9758	0.0161	0.9599	0.9252	0.1455
placement	0.7600	0.2400	0.7534	0.5067	0.7398
plant-growth	0.7895	0.2105	0.7978	0.5824	0.6422
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.5440	0.1013	0.1242	0.1438	0.2810
poker1%	0.5659	0.1240	0.1654	0.1734	0.3035
poker10%	0.5448	0.1138	0.1402	0.1464	0.2952
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9475	0.0525	0.7589	0.3752	0.1422
polya	0.6886	0.3114	0.6338	0.2321	0.7939
popularity	0.6416	0.2389	0.3827	0.0980	0.4412
post-operative	0.5556	0.4444	0.3571	-0.2000	0.9762
postures	0.6494	0.1402	0.6599	0.5617	0.4187
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6913	0.3824	0.8319
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4242	0.0886	0.3017	0.3503	0.2626
processed	0.8381	0.1619	0.8189	0.5731	0.3444
profb	0.6716	0.3284	0.5552	0.0587	0.7352
promoters	0.7000	0.3000	0.7041	0.4000	0.7967
prostate	0.8823	0.1399	0.8881	0.7133	0.3508
prostate_GE	0.9505	0.0885	0.9439	0.8321	0.2799
puc-rio	0.7458	0.1017	0.6738	0.6483	0.2810
puc-rio10%	0.7562	0.0975	0.6753	0.6616	0.2665
pufs-1281%	0.5005	0.4995	0.5005	0.0010	0.9991
pufs-12810%	0.4986	0.5014	0.4986	-0.0028	1.0000
pufs-64	0.5027	0.4973	0.5027	0.0054	0.9959
pufs-641%	0.5033	0.4967	0.5034	0.0067	0.9977
pufs-6410%	0.4963	0.5038	0.4962	-0.0075	1.0000
pulsar	0.9745	0.0255	0.9198	0.8280	0.1215
raisin	0.8333	0.1667	0.8402	0.6667	0.5451
re0-wc	0.6507	0.0537	0.4542	0.5258	0.4522
re1-wc	0.0428	0.0748	0.0868	0.0121	0.3737

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9802	0.0198	0.9801	0.9599	0.1219
rnaseq	0.1772	0.3173	0.0663	0.0077	0.3613
rocket	0.6299	0.3701	0.6052	0.1291	0.7170
RT_IOT2022	0.9677	0.0054	0.5426	0.9174	0.0286
satimage	0.7900	0.0700	0.7517	0.7370	0.2566
satimageF	0.9673	0.0327	0.9110	0.8142	0.2223
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5294	0.4706	0.5336	0.0588	0.9318
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.7557	0.2443	0.7540	0.5076	0.7418
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8182	0.0519	0.8448	0.7871	0.1567
segmentation	0.7228	0.2772	0.7081	0.4139	0.7929
segmentO	0.9870	0.0130	0.9738	0.9463	0.0533
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9623	0.0377	0.8879	0.7655	0.2727
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8380	0.1697	0.6002	0.1553	0.7463
sens-4-gram	0.8777	0.1184	0.6908	0.1010	0.2521
sensorless	0.8299	0.0309	0.8344	0.8129	0.1571
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8970	0.1030	0.7804	0.5452	0.5362
shuttle	0.9669	0.0095	0.4123	0.9094	0.0849
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9046	0.0954	0.8455	0.6737	0.4154
skin10%	0.8991	0.1009	0.8360	0.6509	0.4242
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2400	0.3800	0.0984	-0.0248	0.5059
smk_can_187	0.4806	0.5044	0.3227	0.0000	0.5274
smoking	0.7296	0.2704	0.7274	0.4468	0.7633
soil_pollution	0.2133	0.3147	0.2085	0.0144	0.8284
solar-flare	0.7266	0.0911	0.5283	0.6452	0.1993
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.8676	0.0139	0.7677	0.8543	0.0565
spam-detection	0.9185	0.0815	0.6873	0.2827	0.4453
spambase	0.8957	0.1043	0.8902	0.7793	0.4434
spect	0.6296	0.3704	0.5723	0.1346	0.8110
spectf	0.8286	0.1714	0.7900	0.5800	0.6541
spectrometer	0.4615	0.0399	0.3234	0.4295	0.1722
splice-EI	0.9180	0.0820	0.9100	0.8038	0.3968
splice-IE	0.8297	0.1703	0.7375	0.4348	0.5947
sport-articles	0.8200	0.1800	0.8051	0.6095	0.6396
squash-stored	0.8000	0.1333	0.8333	0.7059	0.1585
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7911	0.1393	0.7535	0.6677	0.3758
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9692	0.0308	0.9520	0.9020	0.1773
steel-o	0.7282	0.2718	0.6931	0.2872	0.5951
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.7732	0.1512	0.7234	0.5533	0.3871
stock	0.8611	0.1389	0.7272	0.3825	0.5036
stockb	0.9559	0.0294	0.9584	0.9339	0.0825
streaming	0.9100	0.0900	0.9090	0.8172	0.3975
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5750	0.1700	0.2998	0.3105	0.4575
student-depression	0.7767	0.2233	0.7672	0.5307	0.7042
student-habits	0.3400	0.2640	0.1583	-0.0381	0.5200
student-weekend	0.3538	0.2585	0.1398	0.0434	0.5498
student-workday	0.7031	0.1187	0.2261	0.0515	0.2877
studentap	0.2308	0.5128	0.1429	-0.1818	0.8197
susy	0.7428	0.2572	0.7400	0.4778	0.7576
susy1%	0.7528	0.2472	0.7503	0.4974	0.7397
susy10%	0.7440	0.2560	0.7412	0.4804	0.7568
tae	0.4000	0.4000	0.3944	0.1000	0.7208
telco-churn	0.8423	0.1577	0.7842	0.5506	0.5836
texture	0.7982	0.0367	0.8208	0.7772	0.1682
theorem	0.9051	0.0949	0.9129	0.8109	0.3361
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	0.7579	0.2421	0.7150	0.4178	0.7432
tis	0.8115	0.2004	0.7259	0.2220	0.3659
tis10%	0.8657	0.1343	0.8081	0.6060	0.5533
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1500	0.3636	0.3684	0.1904
tox_171	0.4746	0.2614	0.3997	0.3138	0.2458
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.7727	0.4586	0.5193
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.0251	0.2064	0.0054	-0.0290	0.4159
trec12-wc	0.4327	0.1444	0.2841	0.3231	0.2695
trec21-wc	0.9172	0.0466	0.8779	0.7991	0.2706
trec23-wc	0.8919	0.0475	0.6216	0.8336	0.0953
trec31-wc	0.7851	0.0747	0.7657	0.7436	0.3489
trec41-wc	0.7965	0.0392	0.5709	0.7589	0.2450
trec45-wc	0.3072	0.1347	0.2196	0.2405	0.2685
tuandromd	0.9641	0.0359	0.9448	0.8896	0.2802
turkish	0.6500	0.1750	0.6262	0.5333	0.3971
tvnews	0.6356	0.3630	0.4001	0.0000	0.4630
tvnews1%	0.8615	0.1385	0.8514	0.7027	0.5500
tvnews10%	0.3805	0.6056	0.2782	0.0000	0.4983
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7612	0.0531	0.6802	0.7186	0.1933
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	1.0000	0.0096	0.5028	0.0000	0.0371
vehicle	0.7738	0.1131	0.7373	0.6953	0.2447
vehicleVAN	0.8929	0.1071	0.8511	0.6786	0.3905
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.9535	0.0465	0.9555	0.9071	0.2027
vowel	0.3939	0.1102	0.3882	0.3333	0.2838
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9202	0.0869	0.4966	0.0000	0.2075
wap-wc	0.1644	0.0815	0.1315	0.0651	0.3242
warpar10p	0.2317	0.1511	0.1341	0.1457	0.2372

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
warppie10p	0.7388	0.0566	0.7727	0.7049	0.1346
watch-acc	0.4635	0.1533	0.4495	0.3695	0.5385
watch-acc1%	0.4623	0.1536	0.4427	0.3712	0.5368
watch-acc10%	0.4628	0.1535	0.4464	0.3711	0.5339
watch-gyr	0.3719	0.1795	0.3793	0.2648	0.4738
watch-gyr1%	0.3649	0.1814	0.3605	0.2589	0.4803
watch-gyr10%	0.3663	0.1811	0.3602	0.2588	0.4940
water_pollution	0.2600	0.3700	0.2612	0.0133	0.8459
waveform	0.7060	0.1960	0.7061	0.5590	0.5479
weather-related	0.5692	0.0783	0.4879	0.5019	0.2625
web-phishing	0.8222	0.1185	0.5671	0.6646	0.3106
Weekly	0.9444	0.0556	0.9472	0.8889	0.2404
weight-lift	0.4915	0.2034	0.5889	0.3678	0.3719
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9350	0.0325	0.9351	0.9133	0.1172
wilt	0.9648	0.0352	0.7750	0.4705	0.2535
wine	0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red	0.5094	0.1635	0.2293	0.2109	0.4613
winequality-white	0.5133	0.1622	0.2398	0.1951	0.4351
winnipeg	0.1257	0.2452	0.0309	0.0000	0.3387
winnipeg10%	0.9254	0.0213	0.7684	0.9051	0.1019
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.3125	0.0917	0.2456	0.2667	0.1669
yeast	0.5270	0.1051	0.4191	0.3897	0.3525
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.7376	0.0525	0.7248	0.7055	0.2881

Table 274: Detailed results for CHAID(W)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1205	0.0838	0.0521	0.0380	0.4886
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7633	0.2367	0.6385	0.0013	0.3889
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.1810	0.8190	0.1532	0.0000	0.3661
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9417	0.0583	0.7193	0.2370	0.1529
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7512	0.2488	0.4290	-0.0093	0.5044
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8504	0.1496	0.4596	-0.0004	0.3059
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.9628	0.0372	0.9592	0.9176	0.2021
anneal	0.7753	0.0899	0.4276	0.3537	0.2636
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.0083	0.9917	0.0083	0.0000	0.0237
anuran-family	0.0097	0.4951	0.0048	0.0000	0.3273
anuran-genus	0.0751	0.2312	0.0175	0.0000	0.2736
anuran-species	0.0431	0.1914	0.0083	0.0000	0.3216
anxiety	0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality	0.4850	0.5150	0.3772	-0.0300	0.6934
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9814	0.0186	0.5111	0.0217	0.4937
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.0889	0.1822	0.0308	0.0360	0.2405

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.8627	0.1373	0.4632	-0.0185	0.5367
audiology	0.5909	0.0744	0.3197	0.4987	0.1713
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.2000	0.3200	0.2325	0.0504	0.3812
avila	0.0005	0.1666	0.0001	0.0000	0.3409
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.4839	0.3441	0.2174	0.0000	0.3289
bank	0.8861	0.1139	0.4698	-0.0024	0.3127
banknote	0.4453	0.5547	0.3081	0.0000	0.5302
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6290	0.3710	0.3861	-0.0183	0.6145
basehock	0.9347	0.0653	0.9352	0.8694	0.3143
bio	0.9909	0.0091	0.4977	-0.0003	0.1265
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.3810	0.6190	0.2759	0.0000	0.5189
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2575	0.3713	0.2825	0.0100	0.4045
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.4545	0.5455	0.3125	0.0000	0.5306
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.5977	0.6700	0.0888
bridges	0.2000	0.2667	0.1370	0.0244	0.3326
bub10at310k-hg16-17	0.9089	0.0911	0.4761	-0.0004	0.2278
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9092	0.0908	0.6567	0.0018	0.2091
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.3750	0.6250	0.2727	0.0000	0.5170
cancer	0.7246	0.2754	0.7068	0.2555	0.4393
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7471	0.1264	0.3997	0.5223	0.2526
car-insurance	0.8400	0.1600	0.8113	0.6220	0.6154
card	0.4928	0.5072	0.6341	0.1072	0.5306
cardiotocography	0.0423	0.1915	0.0081	0.0000	0.3785
cardiotocography-nsp	0.7793	0.1471	0.2920	0.0000	0.2332
cardiovascular	0.4996	0.5004	0.3331	0.0000	0.5284
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5143	0.4583	0.3165
cas_N6512_cdk_ECFP2	0.5315	0.4685	0.5736	0.1067	0.8187
cas_N6512_rdkit_ATOMPAIR	0.4815	0.5185	0.4886	-0.0219	0.9912
cas_N6512_RDkit_AtomPair_FP	0.5767	0.4233	0.5770	0.1536	0.9447
cas_N6512_rdkit_AVALON	0.6728	0.3272	0.6763	0.3490	0.8429
cas_N6512_RDkit_Avalon_FP	0.5644	0.4356	0.5861	0.1537	0.8867
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.7005	0.2995	0.7058	0.4054	0.8019
cas_N6512_RDkit_Featmorgan_FP	0.6227	0.3773	0.6432	0.2636	0.8385
cas_N6512_RDkit_FP	0.6365	0.3635	0.6341	0.2682	0.8950
cas_N6512_rdkit_LAYERED	0.5815	0.4185	0.5819	0.1633	0.9408
cas_N6512_RDkit_Layered_FP	0.6058	0.3942	0.6038	0.2076	0.9237
cas_N6512_rdkit_MACCS	0.7492	0.2508	0.7483	0.4964	0.7517
cas_N6512_RDkit_MACCS_FP	0.7365	0.2635	0.7341	0.4680	0.7716
cas_N6512_rdkit_MORGAN	0.7031	0.2969	0.7089	0.4109	0.7969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.6380	0.3620	0.6523	0.2893	0.8455
cas_N6512_rdkit_PATTERN	0.6554	0.3446	0.6635	0.3187	0.8481
cas_N6512_RDkit_pattern_FP	0.7132	0.2868	0.7108	0.4212	0.8045
cas_N6512_rdkit_RDKITFP	0.5161	0.4839	0.5176	0.0350	0.9849
cas_N6512_rdkit_TORSION	0.6281	0.3719	0.6444	0.2718	0.8498
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9586	0.0414	0.5468	0.0415	0.4302
cdc_diabetes	0.8385	0.1077	0.3955	0.1321	0.3761
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6995	0.3005	0.7019	0.3906	0.7842
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9424	0.0576	0.7223	0.4322	0.5523
census10%	0.9375	0.0625	0.6913	0.3777	0.6012
central-nervous-system	0.0000	1.0000	0.0000	-0.8000	0.9183
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.1895	0.4053	0.1330	-0.0954	0.3653
chrom19	0.9990	0.0010	0.4998	-0.0000	0.0505
chrom191%	0.9976	0.0024	0.7996	0.4991	0.5000
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.0783	0.9217	0.0726	0.0000	0.1935
churn	0.7160	0.2840	0.5753	0.1503	0.8327
churn-bigml	0.8577	0.1423	0.6292	0.1878	0.5964
ci900367j_MACCS	0.6947	0.3053	0.6612	0.3104	0.8243
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.0714	0.6190	0.0788	-0.2600	0.5970
cjs	0.9679	0.0107	0.9701	0.9607	0.0552
ckd	0.9500	0.0500	0.9494	0.8936	0.2605
clave	0.7028	0.1486	0.5027	0.5350	0.5585
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5000	0.3333	0.2500	0.0526	0.3172
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4558	0.3628	0.3485	0.1219	0.5873
cnae-9	0.8333	0.0370	0.8509	0.8125	0.1535
codon_usage	0.2241	0.1411	0.0333	0.0000	0.3196
coil20	0.0556	0.0944	0.0053	0.0000	0.4152
college	0.7273	0.2727	0.4211	0.0000	0.4205
collins	0.9600	0.0053	0.8583	0.9560	0.0106
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.3448	0.6552	0.2564	0.0000	0.5054
colposcopies-2	0.3793	0.6207	0.2750	0.0000	0.5184
colposcopies-3	0.4138	0.5862	0.2927	0.0000	0.5266
colposcopies-4	0.2759	0.7241	0.2162	0.0000	0.4638
colposcopies-5	0.1724	0.8276	0.1471	0.0000	0.3547
colposcopies-6	0.4828	0.5172	0.3256	0.0000	0.5300
colposcopies-c	0.8966	0.1034	0.8560	0.6692	0.2534
column-2c	0.9677	0.0323	0.9634	0.9242	0.1262
column-3c	0.6774	0.2151	0.5343	0.5087	0.1838
connect-4	0.9778	0.0148	0.4464	0.0129	0.0417
cottonmeloidogyne	0.5048	0.4952	0.3355	0.0000	0.5277
coupon	0.6680	0.3320	0.6550	0.2973	0.8410
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.8824	0.0336	0.8326	0.8107	0.2610

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.3644	0.1816	0.0763	-0.0003	0.2484
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9299	0.0701	0.4818	-0.0005	0.2032
crabs	0.8000	0.1000	0.8000	0.7333	0.1796
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced	0.0212	0.3263	0.0069	-0.0021	0.2748
cryotherapy	0.8889	0.1111	0.8953	0.7692	0.3145
cultivars	0.0625	0.0586	0.0107	0.0323	0.3140
customer-churn	0.9840	0.0160	0.7849	0.5664	0.4670
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.4444	0.5556	0.4693	-0.0533	0.9616
darwin	0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7777	0.2223	0.4375	-0.0027	0.4182
defect	0.9506	0.0494	0.9059	0.8109	0.3489
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.4324	0.1892	0.2490	0.3050	0.2463
desharnais	0.1250	0.5833	0.0741	0.0000	0.3719
dexter	0.9333	0.0667	0.9372	0.8667	0.2500
df_final	0.5000	0.3333	0.4938	0.3043	0.3348
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8077	0.1923	0.7940	0.5860	0.6564
diabetes-100k	0.9689	0.0311	0.8921	0.7668	0.1860
diabetes-risk	0.9187	0.0813	0.8713	0.7392	0.4299
diabetic	0.5509	0.2994	0.4143	0.1493	0.6944
diabetic1%	0.3529	0.4314	0.1739	0.0000	0.3564
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.3833	0.3083	0.3669	0.2688	0.2377
diamonds_all	0.0298	0.3881	0.0116	0.0000	0.3909
dishonest	0.9688	0.0312	0.9658	0.9292	0.2092
dlbcl-harvard-outcome	0.0000	1.0000	0.0000	-0.9231	0.9710
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9478	0.0522	0.8310	0.6399	0.3592
dota2	0.5573	0.4427	0.5543	0.1082	0.9633
dota210%	0.5058	0.4942	0.4471	-0.0382	0.8038
drebin	0.9569	0.0431	0.9543	0.9085	0.2478
dropout	0.1806	0.5463	0.1020	0.0000	0.4126
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5372	0.1322	0.1437	0.0382	0.3293
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3936	0.1733	0.2044	0.1966	0.3296
drug-07	0.3617	0.2128	0.0885	0.0000	0.2699
drug-08	0.0479	0.2720	0.0131	0.0000	0.3101
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.0213	0.3262	0.0069	0.0000	0.2023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-13	0.6170	0.1094	0.1685	0.1703	0.2975
drug-14	0.5638	0.1246	0.1475	0.1284	0.3616
drug-15	0.0213	0.2796	0.0060	0.0000	0.2188
drug-16	0.6064	0.1312	0.3188	0.3222	0.3563
drug-17	0.3457	0.1869	0.1603	0.1415	0.4257
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.0970	0.2580	0.0261	-0.0016	0.4113
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0945	0.1132	0.0660	0.0004	0.3737
eeg-eye	0.5340	0.4660	0.5133	0.0248	0.9676
eeg10%	0.0541	0.1182	0.0064	-0.0000	0.3797
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4521	0.2192	0.3841	0.2661	0.4311
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.4731	0.5269	0.3212	0.0000	0.5305
exon.vs.intron-freq10%	0.8525	0.1475	0.8540	0.7021	0.5307
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.8744	0.1256	0.8738	0.7475	0.5022
fbis-wc	0.4756	0.0617	0.3834	0.4007	0.5019
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.8350	0.0550	0.6098	0.7364	0.2536
fishcatch	0.1250	0.2917	0.0370	0.0000	0.3848
flags	0.3000	0.2000	0.0714	0.0141	0.3202
fonts10%	0.0073	0.0130	0.0001	0.0000	0.3519
forest	0.2500	0.3750	0.1000	0.0000	0.3924
gas	0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal	0.1875	0.5417	0.1053	0.0000	0.4117
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.8391	0.1073	0.8490	0.7513	0.3381
german	0.7000	0.3000	0.6464	0.2736	0.8152
gestures	0.2414	0.3793	0.0972	-0.0103	0.4588
gina	0.7118	0.2882	0.7126	0.4242	0.8025
gisette	0.8557	0.1443	0.8593	0.7114	0.5180
glass	0.3333	0.2222	0.0833	0.0000	0.3216
glass-g2	0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP	0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP	0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.2381	0.7619	0.1923	0.0000	0.4310
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.8155	0.5682	0.4308
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.4667	0.2667	0.4422	0.2500	0.3325
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.0128	0.1645	0.0021	0.0000	0.3571
har	0.7176	0.1129	0.7235	0.6377	0.4125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.1850	0.2329	0.0446	0.0000	0.2875
har7010%	0.1850	0.2329	0.0446	0.0000	0.2874
harth1%	0.0664	0.1556	0.0104	0.0000	0.3025
harth10%	0.0012	0.1665	0.0002	0.0000	0.3230
hayes-roth	0.5625	0.2917	0.6341	0.3043	0.4143
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.6667	0.3333	0.6496	0.2334	0.7293
heart-attack	0.7097	0.2903	0.7092	0.4175	0.8063
heart-c	0.8333	0.1667	0.8501	0.6575	0.3902
heart-failure	0.8620	0.1380	0.8352	0.6652	0.5419
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%	0.5037	0.4963	0.3350	-0.0010	0.5374
hepmass10%	0.5029	0.4971	0.3346	-0.0002	0.5301
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.2308	0.7692	0.1875	0.0000	0.4238
higgs0.1%	0.5055	0.4945	0.5643	0.0593	0.7099
higgs1%	0.7585	0.2415	0.7898	0.4998	0.4506
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.3571	0.1607	0.1629	0.2025	0.2563
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8651	0.1349	0.7336	0.4539	0.6292
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.4722	0.3519	0.4873	0.1886	0.6098
hotel-reservartions	0.8807	0.1193	0.8622	0.7224	0.4994
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3801	0.4133	0.3878	0.0117	0.4109
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.0916	0.9084	0.0839	0.0000	0.2206
hypothyroid	0.9125	0.0438	0.3381	0.0765	0.0995
hypothyroidT	0.4297	0.5703	0.5009	0.0007	0.3684
ilpd	0.7966	0.2034	0.7316	0.4235	0.6327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere	0.3143	0.6857	0.2391	0.0000	0.4897
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.2888	0.0547	0.2865	0.2604	0.5594
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.0984	0.2004	0.1168	0.0010	0.4069
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.6000	0.4000	0.3750	0.0000	0.5000
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7500	0.2500	0.4286	-0.0696	0.7839
kdc-4007	0.6933	0.0876	0.7213	0.6419	0.3577
kddcup98	0.0507	0.9493	0.0483	0.0000	0.1324
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2343	0.5105	0.1266	0.0000	0.3999
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.1497	0.0945	0.0596	0.0006	0.3514

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krvskp	0.9655	0.0345	0.9663	0.9311	0.1844
la1s-wc	0.2317	0.2561	0.0627	0.0000	0.3731
la2s-wc	0.6722	0.1093	0.6496	0.5871	0.4782
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.0882	0.0793	0.0093	0.0168	0.3385
led24	0.6000	0.0889	0.6291	0.5467	0.2253
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.0390	0.0739	0.0029	-0.0000	0.4201
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.1389	0.1148	0.0700	0.0606	0.3684
linkage	0.0036	0.9964	0.0036	-0.0000	0.0105
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0207
liver	0.6765	0.3235	0.7554	0.4138	0.5283
loan	0.9719	0.0281	0.9705	0.9393	0.1214
localization	0.0318	0.1760	0.0924	0.0001	0.3480
localization10%	0.0316	0.1761	0.0056	0.0000	0.3472
lrs	0.2453	0.2156	0.3601	0.1465	0.2580
lung	0.7619	0.0952	0.3186	0.4615	0.1600
lung_discrete	0.7500	0.1000	0.8320	0.6923	0.1458
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.1000	0.3600	0.0364	0.0000	0.2651
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.4444	0.5556	0.3077	0.0000	0.5302
lymphography	0.8571	0.0952	0.6000	0.7083	0.1903
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.5851	0.4149	0.3691	0.0000	0.5062
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.3514	0.6486	0.2600	0.0000	0.5083
malware	0.8919	0.1081	0.8720	0.7109	0.4822
mammography	0.4688	0.5312	0.3191	0.0000	0.5307
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.3366	0.4422	0.1679	0.0000	0.4114
math	0.4250	0.2875	0.3659	0.0945	0.3065
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.6818	0.6667	0.1022
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.5913	0.4087	0.6543	0.2371	0.7218
meter-A	0.6250	0.3750	0.3846	0.0000	0.4882
meter-B	0.3333	0.4444	0.1667	0.0000	0.4024
meter-C	0.1111	0.4444	0.0500	0.0000	0.4142
meter-D	0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.2050	0.1590	0.2081	0.1167	0.3549
mfeat-kar	0.1000	0.1800	0.0183	0.0000	0.4106
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.6300	0.0740	0.6426	0.5889	0.3669
mfeat-zer	0.1050	0.1790	0.1081	0.0056	0.3958
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.3585	0.4277	0.1772	-0.0007	0.4213
mines	0.1176	0.3529	0.0899	-0.1160	0.4574
mobile	0.2622	0.0263	0.2091	0.2489	0.2784
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4089	0.1075	0.4050	0.2770	0.6195
musk	0.1545	0.8455	0.1339	0.0000	0.3292
MUT_ci300400a_cdk_ECFP2	0.6990	0.3010	0.7075	0.4042	0.7901
MUT_ci300400a_cdk_ECFP4	0.7030	0.2970	0.7136	0.4140	0.7781
MUT_ci300400a_cdk_ECFP6	0.6874	0.3126	0.6980	0.3837	0.7988
MUT_ci300400a_cdk_ESTATE	0.6930	0.3070	0.6972	0.3878	0.8098
MUT_ci300400a_cdk_EXTENDED	0.6619	0.3381	0.6557	0.3109	0.8668
MUT_ci300400a_cdk_FCFP2	0.4491	0.5509	0.5657	0.0407	0.6288
MUT_ci300400a_cdk_FCFP4	0.5504	0.4496	0.5694	0.1297	0.9148
MUT_ci300400a_cdk_FCFP6	0.5671	0.4329	0.6257	0.1991	0.7785
MUT_ci300400a_cdk_MACCS	0.6978	0.3022	0.6977	0.3921	0.8143
MUT_ci300400a_cdk_PUBCHEM	0.8347	0.1653	0.8288	0.6558	0.5933
MUT_ci300400a_cdk_STANDARD	0.7677	0.2323	0.7600	0.5197	0.7276
MUT_ci300400a_rdkit_descriptors	0.8120	0.1880	0.8106	0.6197	0.6415
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.7756	0.2244	0.7910	0.5523	0.6135
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.0057	0.1047	0.0006	0.0000	0.1658
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.8571	0.0952	0.5714	0.6818	0.0755
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4685	0.5315	0.4981	-0.0004	0.6117
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.2855	0.7145	0.2221	0.0000	0.4710
NPHA-doctor-visits	0.1806	0.5463	0.1020	0.0000	0.4052
nursery	0.8789	0.0606	0.8343	0.8250	0.1927
obesity	0.1137	0.2532	0.0292	-0.0277	0.5179
obs	0.2778	0.3611	0.1087	0.0000	0.3604
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.8124	0.0938	0.2241	0.0000	0.1814
oh0-wc	0.8218	0.0356	0.8052	0.7958	0.1837
oh10-wc	0.4952	0.1010	0.5013	0.4269	0.4315
oh15-wc	0.5652	0.0870	0.5626	0.5079	0.3861
oh5-wc	0.2198	0.1560	0.2144	0.1062	0.3484
ohscal-wc	0.4875	0.1025	0.4788	0.4285	0.5891
olive	0.0877	0.2027	0.0179	0.0000	0.3712
opn310k	0.0909	0.9091	0.0833	0.0000	0.2192
opn310k10%	0.9113	0.0887	0.5887	0.0174	0.2733
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.6423	0.0715	0.6483	0.6029	0.4063
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.0250	0.0488	0.0013	0.0000	0.4078
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.3600	0.6400	0.2647	0.0000	0.5117
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7216	0.2784	0.7224	0.4302	0.7555
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8095	0.1905	0.8128	0.6206	0.6306
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.0032	0.9968	0.0032	0.0000	0.0091
page-blocks	0.9068	0.0373	0.4145	0.2162	0.2241
parkinson	0.9583	0.0417	0.9592	0.9151	0.2119
parkinsons	0.8009	0.1991	0.7861	0.5486	0.6067
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7192	0.2808	0.4183	0.0000	0.4269
pasture	0.5000	0.3333	0.2222	0.0000	0.3770
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5670	0.4330	0.4823	-0.0143	0.7881
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.2763	0.7237	0.5000	0.0000	0.5440
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.0965	0.1807	0.0749	0.0010	0.4108
period	0.3333	0.6667	0.2500	0.0000	0.5000
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.3178	0.6822	0.2412	-0.1194	0.8140
personalities	0.0660	0.1168	0.0662	0.0037	0.4236
pet-adoption	0.9450	0.0550	0.9373	0.8742	0.2916
phishing	0.7592	0.2408	0.7965	0.5399	0.5645
PhiUSIIL	0.9954	0.0046	0.9953	0.9906	0.0386
PhiUSIIL10%	0.4283	0.5717	0.2999	0.0000	0.5287
phone-gyr0.1%	0.8320	0.0480	0.8226	0.8035	0.2088
phoneme	0.7537	0.2463	0.6553	0.2497	0.6903
phy	0.4978	0.5022	0.6000	0.0012	0.5286
pima	0.6053	0.3947	0.3770	0.0000	0.4977
pirvision	0.0751	0.6166	0.0466	0.0000	0.2413
placement	0.6430	0.3570	0.6338	0.1880	0.7146
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.5602	0.0977	0.1832	0.1522	0.2589
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.8023	0.1977	0.6048	0.1208	0.3746
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.8102	0.1898	0.4476	-0.0828	0.4901
polish-5th	0.7631	0.2369	0.5751	0.1098	0.5162
polya	0.6422	0.3578	0.3910	0.0000	0.4790
popularity	0.6315	0.2456	0.4135	0.0009	0.2920
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2015	0.3194	0.0671	0.0000	0.4017
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7092	0.4118	0.7961
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.3939	0.0932	0.2336	0.3045	0.2784
processed	0.9921	0.0079	0.9910	0.9819	0.0591
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.0749	0.3700	0.0279	-0.0000	0.3945
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.0926	0.9074	0.0847	0.0000	0.2225
raisin	0.5000	0.5000	0.3333	0.0000	0.5283
rcv11%	0.4648	0.0261	0.2267	0.4030	0.5561
re0-wc	0.6400	0.0554	0.4331	0.5116	0.4632
re1-wc	0.0422	0.0766	0.0831	0.0116	0.3896
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
reuters21578	0.6843	0.0132	0.1592	0.5434	0.3039
rice	0.4508	0.5492	0.3107	0.0000	0.5305
rnaseq	0.1750	0.3300	0.0659	0.0075	0.3758
rocket	0.6284	0.3716	0.6001	0.1923	0.8986
satimage	0.1089	0.2970	0.0328	-0.0002	0.4078
satimageF	0.1275	0.8725	0.5320	0.0046	0.2572
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.4472	0.5528	0.5924	0.0032	0.5303
seeds	0.6667	0.2222	0.5714	0.5000	0.1761
segment	0.1255	0.2498	0.0319	0.0000	0.4054
segmentation	0.5297	0.4703	0.3463	-0.2086	0.9851
segmentO	0.8528	0.1472	0.4603	0.0000	0.2903
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8263	0.1737	0.5783	0.1538	0.7613
sens-4-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-5-gram	0.7816	0.2184	0.5340	0.0680	0.7720
sens-6-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8451	0.1549	0.4580	-0.0016	0.3388
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9204	0.0796	0.5249	0.0345	0.6161
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.7922	0.2078	0.4420	-0.0002	0.3667
skin10%	0.7888	0.2112	0.4410	-0.0065	0.4540
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2400	0.3800	0.0984	-0.0248	0.5059
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.3674	0.6326	0.5777	0.0002	0.5144
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7626	0.0791	0.6044	0.6941	0.1797
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.9559	0.0046	0.9686	0.9517	0.0352
spam-detection	0.9545	0.0455	0.8844	0.7599	0.4758
spambase	0.6043	0.3957	0.3767	0.0000	0.4981
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.0769	0.0684	0.0501	0.0563	0.3772
splice-EI	0.9464	0.0536	0.9282	0.8485	0.2109
splice-IE	0.8139	0.1861	0.8228	0.5918	0.5348
sport-articles	0.6300	0.3700	0.3865	0.0000	0.4856
squash-stored	0.2000	0.5333	0.1111	0.0000	0.4227
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.2075	0.5283	0.1146	0.0000	0.4065
steel-b	0.4923	0.5077	0.3393	-0.3066	0.8479
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.3487	0.6513	0.2586	0.0000	0.5071
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-s	0.0410	0.9590	0.0394	0.0000	0.1091
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.2159	0.5227	0.1184	0.0000	0.3753
stock	0.1597	0.8403	0.1377	-0.0424	0.4863
stockb	0.8987	0.0675	0.9103	0.8481	0.1287
streaming	0.9460	0.0540	0.9486	0.8920	0.2351
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4500	0.2200	0.1241	-0.0063	0.3283
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.3158	0.0189	0.6416
susy	0.4580	0.5420	0.5932	0.0000	0.5307
susy1%	0.4580	0.5420	0.3141	0.0000	0.5307
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.4000	0.4000	0.3251	0.1000	0.4860
telco-churn	0.2642	0.7358	0.2090	-0.0028	0.4726
texture	0.0836	0.1666	0.0140	0.0000	0.4080
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9648	0.0352	0.4910	-0.0114	0.5522
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.4105	0.5895	0.5020	0.0026	0.8133
tis	0.7913	0.2087	0.7017	0.2190	0.3699
tis10%	0.8060	0.1940	0.7071	0.3261	0.5480
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.6250	0.1500	0.3152	0.4146	0.1597
tox_171	0.4706	0.2647	0.3953	0.3077	0.2473
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.0244	0.2168	0.0053	-0.0289	0.4264
trec12-wc	0.4194	0.1452	0.2824	0.3137	0.2772
trec21-wc	0.8788	0.0485	0.8459	0.7747	0.2814
trec23-wc	0.8571	0.0476	0.6043	0.7968	0.1000
trec31-wc	0.7742	0.0753	0.7655	0.7106	0.3662
trec41-wc	0.7955	0.0409	0.5613	0.7503	0.2500
trec45-wc	0.3043	0.1391	0.2137	0.2319	0.2808
tuandromd	0.9544	0.0456	0.9294	0.8579	0.3439
turkish	0.4750	0.2625	0.4030	0.3000	0.3865
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.8308	0.1692	0.8245	0.6459	0.6112
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.0448	0.2123	0.0108	-0.0056	0.3690
urinalysis	0.9650	0.0350	0.8088	0.5311	0.1051
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9736	0.0264	0.5273	0.0515	0.4872
vehicle	0.1905	0.4048	0.2908	0.0312	0.4766
vehicleVAN	0.7143	0.2857	0.5673	0.1273	0.8573
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.5116	0.4884	0.6161	0.0444	0.5283
vowel	0.2121	0.1433	0.2370	0.1333	0.4578
vowelZ	0.1616	0.8384	0.4036	-0.0458	0.3574
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wap-wc	0.1603	0.0840	0.1279	0.0646	0.3291
warpar10p	0.2308	0.1538	0.1333	0.1447	0.2405
warppie10p	0.7143	0.0571	0.7430	0.6818	0.1417
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.8812	0.0340	0.8856	0.8613	0.1891
watch-gyr10%	0.9227	0.0221	0.9268	0.9098	0.1350
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.3580	0.4280	0.3933	0.0446	0.6621
weather-related	0.9635	0.0066	0.9592	0.9586	0.0433
web-phishing	0.5185	0.3210	0.2381	0.0152	0.3171
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1745	0.3302	0.0594	0.0000	0.4014
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.2500	0.3750	0.1000	0.0000	0.4042
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.7647	0.1569	0.6154	0.5143	0.1774
winequality-red	0.3962	0.2013	0.1406	-0.0395	0.3891
winequality-white	0.3006	0.2331	0.1889	0.0040	0.3136
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.0037	0.2847	0.0010	0.0000	0.3888
wisc_bc	0.7368	0.2632	0.7331	0.3357	0.4373
yale	0.0625	0.1250	0.0190	0.0000	0.3156
yeast	0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX	0.9388	0.0612	0.4842	-0.0280	0.6456
yeastEXC	0.9527	0.0473	0.8027	0.5141	0.5131
yeastME1	0.9797	0.0203	0.8759	0.7176	0.5112
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.1011	0.1798	0.1054	0.0012	0.4019

Table 275: Detailed results for CHAID*

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1663	0.0794	0.1057	0.0807	0.5367
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9831	0.0169	0.6687	0.1265	0.1538
accident	0.6000	0.4000	0.6094	0.2000	0.8750
ads	0.9512	0.0488	0.8934	0.7818	0.3261
adult	0.8626	0.1374	0.7966	0.5806	0.5631
advanced-iot	0.9993	0.0002	0.9993	0.9992	0.0020
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8000	0.2000	0.4444	-0.0357	0.6563
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8732	0.1268	0.8174	0.6194	0.5118
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.9197	0.0803	0.9182	0.8359	0.3709
alcohol	0.7429	0.1029	0.4227	0.3618	0.3426
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8837	0.1163	0.8724	0.7320	0.4218
anneal	0.8764	0.0494	0.8428	0.7134	0.2030
antivirus	0.9730	0.0270	0.9599	0.9165	0.2605
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9346	0.0327	0.8762	0.8741	0.1742
anuran-genus	0.9152	0.0212	0.8200	0.8585	0.2557
anuran-species	0.8944	0.0211	0.7966	0.8534	0.2001
anxiety	0.1083	0.1981	0.1138	-0.0038	0.8421
apple-quality	0.8250	0.1750	0.8253	0.6500	0.6132
aps-failure	0.9861	0.0139	0.7890	0.5756	0.4671
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9941	0.0059	0.7718	0.4098	0.0249
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6500	0.3500	0.6641	0.3137	0.8299

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.5778	0.0844	0.3687	0.3171	0.4228
auction	0.9853	0.0147	0.9664	0.9305	0.0577
audiology	0.6364	0.0661	0.4959	0.5665	0.1630
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.4500	0.2200	0.4044	0.2667	0.5563
avila	0.6948	0.0509	0.6373	0.5929	0.4789
babies	0.4597	0.1544	0.1564	0.1553	0.4420
balance	0.8387	0.1075	0.5775	0.6958	0.2688
bank	0.9080	0.0920	0.7543	0.5058	0.5982
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.7903	0.2097	0.7690	0.5363	0.6972
basehock	0.6884	0.3116	0.6885	0.3769	0.8355
bio	0.9949	0.0051	0.8397	0.6701	0.3265
bio10%	0.9959	0.0041	0.8698	0.7253	0.2186
biodeg	0.8571	0.1429	0.8479	0.6957	0.5561
biomed	0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin	0.9861	0.0013	0.0882	0.0776	0.0956
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6918	0.1541	0.6932	0.5891	0.4484
bookings	0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor	0.4955	0.5045	0.4955	-0.0090	1.0000
breast-cancer	0.8214	0.1786	0.7665	0.5070	0.6034
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue	0.5455	0.1515	0.3878	0.4444	0.2077
bridges	0.7000	0.1000	0.4750	0.5161	0.1440
bub10at310k-hg16-17	0.8949	0.1051	0.6428	0.2804	0.6732
bub12at310k-hg16-17	0.8971	0.1029	0.6401	0.2717	0.6669
bub8at310k-hg16-17	0.8854	0.1146	0.6516	0.3032	0.6829
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4280	0.3813	0.2914	-0.0612	0.6748
car	0.9023	0.0489	0.7660	0.7952	0.2305
car-insurance	0.8250	0.1750	0.7950	0.5899	0.6494
card	0.8261	0.1739	0.8216	0.6431	0.6189
cardiotocography	0.6854	0.0629	0.6289	0.6222	0.3514
cardiotocography-nsp	0.9108	0.0595	0.8061	0.7347	0.2534
cardiovascular	0.7281	0.2719	0.7287	0.4562	0.7795
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6807	0.5624	0.4926
cas_N6512_cdk_ECFP2	0.7005	0.2995	0.6983	0.3965	0.8217
cas_N6512_rdkit_ATOMPAIR	0.6600	0.3400	0.6579	0.3158	0.8700
cas_N6512_RDkit_AtomPair_FP	0.6549	0.3451	0.6519	0.3036	0.8758
cas_N6512_rdkit_AVALON	0.7481	0.2519	0.7492	0.4965	0.7481
cas_N6512_RDkit_Avalon_FP	0.7224	0.2776	0.7214	0.4427	0.7911
cas_N6512_rdkit_descriptors	0.7508	0.2492	0.7494	0.4988	0.7499
cas_N6512_rdkit_FEATMORGAN	0.7281	0.2719	0.7259	0.4517	0.7839
cas_N6512_RDkit_Featmorgan_FP	0.7531	0.2469	0.7515	0.5031	0.7465
cas_N6512_RDkit_FP	0.6549	0.3451	0.6529	0.3059	0.8755
cas_N6512_rdkit_LAYERED	0.7323	0.2677	0.7322	0.4637	0.7751
cas_N6512_RDkit_Layered_FP	0.7132	0.2868	0.7106	0.4207	0.8040
cas_N6512_rdkit_MACCS	0.7785	0.2215	0.7767	0.5532	0.7043

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7689	0.2311	0.7670	0.5339	0.7209
cas_N6512_rdkit_MORGAN	0.6846	0.3154	0.6815	0.3623	0.8407
cas_N6512_RDkit_morgan_FP	0.6196	0.3804	0.6194	0.2384	0.9085
cas_N6512_rdkit_PATTERN	0.7262	0.2738	0.7241	0.4480	0.7867
cas_N6512_RDkit_pattern_FP	0.6979	0.3021	0.6982	0.3954	0.8209
cas_N6512_rdkit_RDKITFP	0.6774	0.3226	0.6753	0.3506	0.8502
cas_N6512_rdkit_TORSION	0.6781	0.3219	0.6771	0.3540	0.8478
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7098	0.2902	0.6780	0.3556	0.8257
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9752	0.0248	0.8305	0.6136	0.1935
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.0639	0.9361	0.0600	0.0000	0.1624
census10%	0.9442	0.0558	0.6777	0.2957	0.4813
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9406	0.0297	0.9342	0.9116	0.1387
chrom19	0.9997	0.0003	0.9242	0.8455	0.1771
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9995	0.0005	0.8783	0.7498	0.2522
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8450	0.1550	0.7288	0.4228	0.6025
churn-bigml	0.9625	0.0375	0.9225	0.8432	0.2794
ci900367j_MACCS	0.7158	0.2842	0.6871	0.3653	0.8006
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.5714	0.2857	0.3576	0.0597	0.4850
cjs	0.6143	0.1286	0.5877	0.5252	0.5125
ckd	0.7500	0.2500	0.7622	0.5000	0.6878
clave	0.6519	0.1741	0.4222	0.4361	0.5473
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.6667	0.2222	0.7500	0.4783	0.3555
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4818	0.2192	0.7440
cnae-9	0.8519	0.0329	0.8563	0.8333	0.1634
codon_usage	0.6946	0.0555	0.4915	0.6285	0.4906
coil20	0.7708	0.0229	0.7693	0.7587	0.1468
college	0.8961	0.1039	0.8690	0.7381	0.4948
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2	0.6207	0.3793	0.5643	0.1163	0.9016
colposcopies-3	0.6897	0.3103	0.6729	0.3185	0.7867
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.7241	0.2759	0.6954	0.3696	0.7444
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.8065	0.1290	0.7543	0.6895	0.2733
connect-4	0.9836	0.0110	0.6598	0.4321	0.0332
cottonmeloidogyne	0.6466	0.3534	0.6466	0.2930	0.8835
coupon	0.6207	0.3793	0.6057	0.2081	0.9097

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.5503	0.1285	0.2165	0.1952	0.3514
covtype	0.9118	0.0252	0.8704	0.8580	0.2119
covtype10%	0.8124	0.0536	0.7145	0.6936	0.3446
covtypeCD	0.9811	0.0189	0.9600	0.9200	0.2088
covtypeT	0.9826	0.0174	0.9307	0.8601	0.2354
crabs	0.7000	0.1500	0.7185	0.6000	0.2526
creditcard_trans	0.9989	0.0011	0.8204	0.6358	0.3792
creditcard_trans10%	0.9982	0.0018	0.6663	0.2850	0.4084
crowdsourced	0.8737	0.0421	0.7190	0.7356	0.4063
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.1250	0.0547	0.0978	0.0968	0.2855
customer-churn	0.9838	0.0162	0.7540	0.4701	0.3745
cybersecurity	0.1467	0.2844	0.1483	-0.0249	0.8852
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.6852	0.3148	0.6800	0.3598	0.8410
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0976	0.1805	0.0974	-0.0027	0.9278
dbworld	0.7143	0.2857	0.7407	0.3636	0.4644
default	0.8267	0.1733	0.7124	0.3759	0.6065
defect	0.9599	0.0401	0.9228	0.8372	0.1899
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9047	0.0953	0.7502	0.4961	0.5990
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8649	0.0450	0.8464	0.8309	0.1097
desharnais	0.6250	0.2500	0.4636	0.3333	0.4371
dexter	0.7333	0.2667	0.7339	0.4667	0.7723
df_final	0.8125	0.1250	0.8452	0.7108	0.2409
DIA	0.7500	0.2500	0.6153	0.2105	0.7950
diabetes	0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-100k	0.9688	0.0312	0.8920	0.7615	0.1354
diabetes-risk	0.9202	0.0798	0.8744	0.7466	0.4327
diabetic	0.5240	0.3173	0.3545	0.0542	0.6438
diabetic1%	0.5000	0.3333	0.3035	-0.0117	0.6586
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7154	0.1138	0.6932	0.5957	0.3966
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.6667	0.3333	0.6495	0.2941	0.8617
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5353	0.4647	0.5320	0.0638	0.9788
dota210%	0.5612	0.4388	0.5584	0.1165	0.9606
drebin	0.9378	0.0622	0.9336	0.8668	0.3130
dropout	0.7246	0.1836	0.6358	0.5349	0.5194
drug-01	0.3936	0.1733	0.0813	-0.0054	0.3303
drug-02	0.5106	0.1398	0.2015	0.1109	0.5744
drug-03	0.6862	0.1046	0.2308	0.1133	0.3649
drug-04	0.4947	0.1444	0.1662	0.0414	0.5559
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3830	0.1763	0.1994	0.2106	0.5700
drug-07	0.3777	0.2074	0.1276	-0.0666	0.4024
drug-08	0.5638	0.1246	0.1517	0.0792	0.2920
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1565	0.1391	0.4032

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6117	0.1109	0.1665	0.2169	0.3458
drug-14	0.5745	0.1216	0.2456	0.2493	0.5484
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5904	0.1365	0.2529	0.2935	0.4020
drug-17	0.3617	0.1824	0.1324	0.1070	0.4375
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9074	0.0265	0.9180	0.8880	0.1512
ecoli	0.8529	0.0490	0.7021	0.7932	0.1633
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3000	0.3500	0.2998	0.0652	0.8307
eeg	0.2773	0.0903	0.2440	0.1962	0.8015
eeg-eye	0.8278	0.1722	0.8257	0.6514	0.6113
eeg10%	0.2504	0.0937	0.1944	0.1674	0.7468
email_phishing	0.9882	0.0118	0.6974	0.2332	0.1837
eucalyptus	0.5753	0.1699	0.5414	0.4437	0.4262
euthyroid	0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq	0.9318	0.0682	0.9316	0.8632	0.3318
exon.vs.intron-freq10%	0.8961	0.1039	0.8958	0.7915	0.4432
fakenews	0.5075	0.4925	0.5070	0.0140	0.9946
farm-ads	0.8744	0.1256	0.8738	0.7475	0.5022
fbis-wc	0.3252	0.0794	0.2338	0.2206	0.6333
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.7525	0.0825	0.4768	0.5981	0.3545
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.4000	0.1714	0.2162	0.2332	0.3872
fonts10%	0.3341	0.0087	0.0903	0.2823	0.9085
forest	0.7308	0.1346	0.7294	0.6290	0.3723
gas	0.9029	0.0324	0.8960	0.8822	0.1886
gastrointestinal	0.4375	0.3750	0.3398	0.0886	0.5424
gender	0.6042	0.2639	0.4652	0.1788	0.5979
gene	0.5173	0.3218	0.4462	0.1356	0.7097
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.7586	0.1207	0.7594	0.6781	0.4098
gina	0.8415	0.1585	0.8414	0.6828	0.5794
gisette	0.8943	0.1057	0.8943	0.7886	0.4483
glass	0.6667	0.1111	0.5412	0.5435	0.2537
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8571	0.1429	0.8740	0.7175	0.4205
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6316	0.3684	0.6292	0.2570	0.8973
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage	0.4000	0.3000	0.5061	0.1615	0.4858
gsalc	0.7778	0.0741	0.7212	0.7273	0.0996
haberman	0.6667	0.3333	0.5739	0.1477	0.8809

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hapt	0.8417	0.0264	0.5159	0.8127	0.2597
har	0.8384	0.0646	0.8289	0.7956	0.2953
har70	0.9115	0.0253	0.6057	0.8677	0.1550
har701%	0.8991	0.0288	0.5282	0.8501	0.1322
har7010%	0.9059	0.0269	0.5666	0.8594	0.1410
harth	0.8649	0.0225	0.5679	0.8150	0.2272
harth1%	0.8288	0.0285	0.4714	0.7653	0.2551
harth10%	0.8492	0.0251	0.5382	0.7932	0.2272
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.4706	0.5294	0.4074	-0.1679	1.0000
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack	0.7742	0.2258	0.7941	0.5580	0.6147
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.9860	0.0140	0.9838	0.9676	0.1143
heart-quantum	0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.8283	0.1717	0.8285	0.6566	0.6069
hepmass10%	0.8408	0.1592	0.8411	0.6817	0.5794
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6355	0.3645	0.6344	0.2689	0.8952
higgs1%	0.6791	0.3209	0.6771	0.3540	0.8477
higgs10%	0.6979	0.3021	0.6965	0.3929	0.8244
higher	0.0714	0.2321	0.0278	-0.1030	0.4788
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8482	0.1518	0.6696	0.2589	0.5643
hiva	0.9622	0.0378	0.4904	-0.0045	0.3546
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.8837	0.1163	0.8658	0.7300	0.4924
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.9896	0.0069	0.9898	0.9844	0.0438
ht-sensor10%	0.9791	0.0139	0.9795	0.9685	0.0767
htru2	0.9760	0.0240	0.9266	0.8529	0.2870
hypothyroid	0.9867	0.0066	0.7218	0.9220	0.1050
hypothyroidT	0.9947	0.0053	0.9811	0.9614	0.0242
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9740	0.0130	0.9747	0.9653	0.0518
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.3877	0.0471	0.3857	0.3632	0.4788
jm1	0.8081	0.1919	0.5915	0.0428	0.4631
jvowels	0.7520	0.0551	0.7493	0.7188	0.3315
kc1	0.8626	0.1374	0.6995	0.1888	0.2810
kc1-class-level-defectiveornot	0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8269	0.1731	0.7038	0.3777	0.6558
kdc-4007	0.6509	0.0998	0.6830	0.5918	0.4072
kddcup98	0.0507	0.9493	0.0483	0.0000	0.1324
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9966	0.0005	0.7897	0.9942	0.0306
kddcup9910%	0.9987	0.0001	0.7423	0.9979	0.0223

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kepler	0.8441	0.1039	0.7984	0.7465	0.3155
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.5298	0.0522	0.5508	0.4727	0.4434
krvskp	0.9404	0.0596	0.9409	0.8809	0.2973
la1s-wc	0.5587	0.1471	0.5489	0.4482	0.5646
la2s-wc	0.5960	0.1347	0.5564	0.4801	0.5231
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.3235	0.0588	0.2107	0.2923	0.1785
led24	0.2500	0.1667	0.1705	0.1304	0.3998
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7250	0.0212	0.7277	0.7139	0.2861
leukemia	0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2	0.5714	0.4286	0.5833	0.1600	0.9174
libra	0.4167	0.0778	0.3827	0.3731	0.2383
linkage	1.0000	0.0000	0.9994	0.9988	0.0029
linkage1%	0.9995	0.0005	0.9634	0.9266	0.1329
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0207
liver	0.5882	0.4118	0.5296	0.0593	0.9390
loan	0.9719	0.0281	0.9700	0.9399	0.1699
localization	0.6897	0.0564	0.4429	0.6039	0.4923
localization10%	0.6007	0.0726	0.3224	0.4859	0.5055
lrs	0.7925	0.0593	0.5938	0.7102	0.1796
lung	0.6667	0.1333	0.4434	0.2933	0.4417
lung_discrete	0.2500	0.3000	0.1500	0.0769	0.3921
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2	0.4444	0.1852	0.1212	0.1176	0.2705
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.7577	0.2423	0.7579	0.5154	0.7368
magic04	0.8517	0.1483	0.8341	0.6642	0.5600
malware	0.9459	0.0541	0.9261	0.8412	0.3750
mammography	0.8750	0.1250	0.8745	0.7490	0.5009
marketing	0.8661	0.1339	0.6635	0.2092	0.4813
maternal	0.6733	0.2178	0.6914	0.4956	0.4798
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.5833	0.2083	0.6130	0.4444	0.2965
mental-health	0.2200	0.3120	0.2213	0.0243	0.8494
messidor	0.6087	0.3913	0.6287	0.2406	0.8617
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	0.8889	0.0741	0.9167	0.8302	0.1560
meter-C	0.8333	0.0833	0.7832	0.7692	0.1989
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.7350	0.0530	0.7379	0.7056	0.2786
mfeat-fou	0.6500	0.0700	0.6610	0.6111	0.3132
mfeat-kar	0.5250	0.0950	0.5325	0.4722	0.4986
mfeat-mor	0.7100	0.0580	0.7340	0.6778	0.1918
mfeat-pix	0.5150	0.0970	0.5053	0.4611	0.4319
mfeat-zer	0.6050	0.0790	0.6030	0.5611	0.3581
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5657	0.4492	0.4054

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mobile	0.3322	0.0239	0.2929	0.3201	0.2512
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.7049	0.2951	0.6552	0.2020	0.6231
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4444	0.1010	0.4519	0.3263	0.5618
musk	0.9409	0.0591	0.8796	0.7418	0.2793
MUT_ci300400a_cdk_ECFP2	0.7542	0.2458	0.7468	0.4935	0.7494
MUT_ci300400a_cdk_ECFP4	0.7329	0.2671	0.7264	0.4527	0.7802
MUT_ci300400a_cdk_ECFP6	0.6898	0.3102	0.6799	0.3596	0.8392
MUT_ci300400a_cdk_ESTATE	0.7230	0.2770	0.7117	0.4212	0.7933
MUT_ci300400a_cdk_EXTENDED	0.7398	0.2602	0.7326	0.4652	0.7710
MUT_ci300400a_cdk_FCFP2	0.7892	0.2108	0.7838	0.5675	0.6903
MUT_ci300400a_cdk_FCFP4	0.7266	0.2734	0.7232	0.4451	0.7839
MUT_ci300400a_cdk_FCFP6	0.7314	0.2686	0.7232	0.4464	0.7837
MUT_ci300400a_cdk_MACCS	0.7998	0.2002	0.7927	0.5847	0.6690
MUT_ci300400a_cdk_PUBCHEM	0.7617	0.2383	0.7526	0.5039	0.7353
MUT_ci300400a_cdk_STANDARD	0.7545	0.2455	0.7445	0.4864	0.7443
MUT_ci300400a_rdkit_descriptors	0.8033	0.1967	0.7981	0.5960	0.6626
myocardial	0.8765	0.0309	0.2959	0.4366	0.1943
naticusdroid	0.9581	0.0419	0.9581	0.9161	0.2329
NCI60	0.3333	0.2222	0.2857	0.2000	0.2809
nci9	0.1667	0.2778	0.0833	0.0000	0.3074
ncRNA	0.9340	0.0069	0.6693	0.8192	0.4800
ncRNA1%	0.8926	0.0113	0.3748	0.6896	0.3261
ncRNA10%	0.9140	0.0091	0.5285	0.7574	0.4274
neo	0.9145	0.0855	0.6905	0.2490	0.3727
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6113	0.3887	0.6084	0.2163	0.9192
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9298	0.0702	0.9133	0.8264	0.3722
NPHA-doctor-visits	0.4722	0.3519	0.2778	-0.0588	0.5706
nursery	0.9537	0.0231	0.9311	0.9323	0.1283
obesity	0.7630	0.0677	0.7596	0.7231	0.2689
obs	0.9815	0.0093	0.9872	0.9727	0.0458
occupancy	0.9927	0.0073	0.9898	0.9795	0.0836
Occupancy_Estimation	0.9743	0.0128	0.9163	0.9221	0.1340
oh0-wc	0.4554	0.1089	0.5060	0.3620	0.4144
oh10-wc	0.3810	0.1238	0.3625	0.2974	0.5249
oh15-wc	0.3913	0.1217	0.2848	0.2833	0.4572
oh5-wc	0.3516	0.1297	0.3539	0.2548	0.4666
ohscal-wc	0.3280	0.1344	0.3275	0.2448	0.7148
olive	0.8947	0.0234	0.8702	0.8678	0.0691
opn310k	0.8924	0.1076	0.6506	0.2994	0.6770
opn310k10%	0.9085	0.0915	0.7085	0.4167	0.6391
opnat310k-hg16-17	0.8897	0.1103	0.6439	0.2863	0.6820
optdigits	0.7349	0.0530	0.7345	0.7053	0.3217
optdigitsZ	0.9822	0.0178	0.9462	0.8922	0.2717
orl	0.3250	0.0338	0.2498	0.3077	0.1623
orlraws10P	0.6000	0.0800	0.5032	0.5556	0.1106
ovarian-cancer	0.9200	0.0800	0.9158	0.8175	0.2404
ozone1hr	0.9526	0.0474	0.4879	-0.0181	0.6053
ozone8hr	0.9051	0.0949	0.6586	0.3171	0.6607
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7526	0.2474	0.7141	0.4235	0.7642
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7778	0.2222	0.7775	0.5547	0.7043
p53-mutants	0.9952	0.0048	0.6446	0.2089	0.3604

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.7892	0.8430	0.3183
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.8863	0.1137	0.8781	0.7536	0.4652
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.8674	0.1326	0.8354	0.6708	0.5683
particle10%	0.8569	0.1431	0.8226	0.6451	0.5938
pasture	0.5000	0.3333	0.2222	0.0000	0.3770
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5979	0.4021	0.5634	0.1112	0.8997
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7610	0.5185	0.6657
pediatric-leukemia	0.3824	0.1765	0.2549	0.2380	0.4822
pendigits	0.9172	0.0166	0.9168	0.9079	0.1157
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.6618	0.3382	0.6275	0.2517	0.8781
personalities	0.4197	0.0725	0.4196	0.3810	0.6499
pet-adoption	0.9350	0.0650	0.9259	0.8489	0.3030
phishing	0.9143	0.0857	0.9096	0.8185	0.3894
PhiUSIIL	0.9917	0.0083	0.9916	0.9831	0.0644
PhiUSIIL10%	0.9864	0.0136	0.9861	0.9723	0.0992
phone-acc0.1%	0.7787	0.0632	0.7634	0.7411	0.2378
phone-acc1%	0.8594	0.0402	0.8488	0.8356	0.1586
phone-acc10%	0.9131	0.0248	0.9066	0.8985	0.1049
phone-gyr0.1%	0.8320	0.0480	0.8226	0.8035	0.2088
phone-gyr1%	0.8923	0.0308	0.8837	0.8741	0.1454
phone-gyr10%	0.9269	0.0209	0.9205	0.9146	0.0989
phoneme	0.8574	0.1426	0.8194	0.6367	0.5813
phy	0.6856	0.3144	0.6856	0.3711	0.8390
pima	0.6842	0.3158	0.6580	0.3070	0.8385
pirvision	0.9693	0.0205	0.9309	0.9028	0.1494
placement	0.7650	0.2350	0.7579	0.5156	0.7316
plant-growth	0.6316	0.3684	0.6292	0.2570	0.8973
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.5596	0.0979	0.2590	0.1537	0.2631
poker10%	0.4994	0.1251	0.2485	0.0243	0.2822
polish-1st	0.9687	0.0313	0.7318	0.3425	0.2419
polish-2nd	0.9577	0.0423	0.5995	0.1423	0.4982
polish-3rd	0.9495	0.0505	0.5797	0.0885	0.4606
polish-4th	0.9602	0.0398	0.7602	0.4754	0.3891
polish-5th	0.9492	0.0508	0.7822	0.5569	0.5000
polya	0.6886	0.3114	0.6535	0.3058	0.8516
popularity	0.6315	0.2456	0.3949	0.1510	0.6459
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9602	0.0159	0.9602	0.9502	0.0932
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6185	0.2353	0.9081
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.3030	0.1072	0.2318	0.2302	0.3410
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.4000	0.6000	0.3750	-0.2500	1.0000
prostate	0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio	0.9316	0.0274	0.8933	0.9081	0.1651
puc-rio10%	0.9125	0.0350	0.8618	0.8824	0.1967
pufs-1281%	0.5105	0.4895	0.5105	0.0210	0.9940
pufs-12810%	0.4982	0.5018	0.4982	-0.0036	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-641%	0.4854	0.5146	0.4854	-0.0292	1.0000
pufs-6410%	0.5036	0.4964	0.5036	0.0072	0.9980
pulsar	0.9840	0.0160	0.9510	0.9004	0.1552
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%	0.4648	0.0261	0.2267	0.4030	0.5561
re0-wc	0.5667	0.0667	0.2388	0.4188	0.4739
re1-wc	0.4819	0.0414	0.1930	0.3822	0.3314
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9874	0.0126	0.9873	0.9744	0.0880
rnaseq	0.7625	0.0950	0.7373	0.6843	0.3171
rocket	0.6386	0.3614	0.6082	0.1971	0.8646
RT_IOT2022	0.9969	0.0005	0.9620	0.9922	0.0141
satimage	0.8414	0.0529	0.8162	0.8033	0.2363
satimageF	0.9876	0.0124	0.9674	0.9342	0.1291
satimageT	0.9191	0.0809	0.7511	0.4927	0.5639
scadi	0.5714	0.1714	0.4103	0.4167	0.2353
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5588	0.4412	0.5648	0.1176	0.9174
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9038	0.0962	0.4747	-0.0446	0.6930
secondary_mushroom	0.9946	0.0054	0.9945	0.9891	0.0468
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9264	0.0210	0.9329	0.9139	0.0939
segmentation	0.8218	0.1782	0.8084	0.6163	0.6402
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8553	0.1447	0.5439	0.0534	0.6462
sens-3-gram	0.8632	0.1368	0.5795	0.0936	0.5903
sens-4-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram	0.7816	0.2184	0.5340	0.0680	0.7720
sens-6-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.8315	0.0306	0.8318	0.8146	0.2409
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8905	0.1095	0.7775	0.5521	0.5936
shuttle	0.9984	0.0004	0.6496	0.9956	0.0152
sick	0.9814	0.0186	0.9205	0.8276	0.0656
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9993	0.0007	0.9989	0.9978	0.0123
skin10%	0.9955	0.0045	0.9932	0.9863	0.0433
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2000	0.4000	0.1715	-0.0799	0.7959
smk_can_187	0.6316	0.3684	0.6292	0.2570	0.8973
smoking	0.7556	0.2444	0.7379	0.4757	0.7556
soil_pollution	0.2367	0.3053	0.2367	0.0459	0.8436
solar-flare	0.7266	0.0911	0.5625	0.6469	0.2037
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9412	0.0062	0.9698	0.9355	0.0366
spam-detection	0.9555	0.0445	0.8854	0.7631	0.4714
spambase	0.8978	0.1022	0.8929	0.7857	0.4465
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8000	0.2000	0.7481	0.4948	0.7085
spectrometer	0.2885	0.0527	0.1716	0.2383	0.2517
splice-EI	0.7445	0.2555	0.5768	0.1040	0.7330
splice-IE	0.7571	0.2429	0.5537	0.0531	0.6721
sport-articles	0.8000	0.2000	0.7912	0.5804	0.6732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-stored	0.4000	0.4000	0.2222	0.0000	0.3434
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8987	0.0675	0.8723	0.8357	0.2370
steel-b	0.8769	0.1231	0.8058	0.6084	0.5741
steel-d	0.9744	0.0256	0.7677	0.5324	0.5024
steel-k	0.9692	0.0308	0.9522	0.9039	0.2161
steel-o	0.7744	0.2256	0.7534	0.5066	0.7296
steel-p	0.9385	0.0615	0.7637	0.5074	0.4915
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9744	0.0256	0.9334	0.8638	0.3518
stellar	0.9680	0.0213	0.9632	0.9431	0.1202
stock	0.9931	0.0069	0.9882	0.9762	0.0333
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9860	0.0140	0.9859	0.9717	0.1016
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.6200	0.1520	0.2740	0.3526	0.3346
student-depression	0.7814	0.2186	0.7726	0.5434	0.7009
student-habits	0.3600	0.2560	0.2082	-0.0074	0.5178
student-weekend	0.3385	0.2646	0.2869	0.0733	0.7053
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.2308	0.5128	0.1762	-0.2500	0.6178
susy	0.7842	0.2158	0.7828	0.5605	0.6804
susy1%	0.7714	0.2286	0.7697	0.5342	0.7028
susy10%	0.7773	0.2227	0.7758	0.5462	0.6919
swarm_aligned	0.9913	0.0087	0.9898	0.9796	0.0773
swarm_flocking	0.9958	0.0042	0.9958	0.9917	0.0348
swarm_grouped	0.9946	0.0054	0.9942	0.9884	0.0464
tae	0.4000	0.4000	0.4211	0.1000	0.7114
telco-churn	0.8551	0.1449	0.8073	0.6114	0.5934
texture	0.8418	0.0288	0.8481	0.8256	0.1813
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9648	0.0352	0.4910	-0.0114	0.5522
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.8842	0.1158	0.8681	0.7305	0.4648
tis	0.8654	0.1346	0.8071	0.5924	0.5138
tis10%	0.8358	0.1642	0.7637	0.5185	0.6401
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1500	0.2894	0.4146	0.1775
tox_171	0.3529	0.3235	0.3462	0.1500	0.5778
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.5547	0.1085	0.8742
trec11-wc	0.5366	0.1030	0.2793	0.4289	0.3074
trec12-wc	0.3871	0.1532	0.3114	0.2701	0.4424
trec21-wc	0.7273	0.1091	0.4440	0.2385	0.3087
trec23-wc	0.5714	0.1429	0.2931	0.3844	0.3590
trec31-wc	0.6774	0.1075	0.6893	0.5678	0.3765
trec41-wc	0.5341	0.0932	0.3730	0.4181	0.4671
trec45-wc	0.5362	0.0928	0.4434	0.4564	0.3172
tuandromd	0.9727	0.0273	0.9559	0.9117	0.2166
turkish	0.7000	0.1500	0.7026	0.6000	0.3601
tvnews	0.8870	0.1130	0.8770	0.7527	0.4744
tvnews1%	0.8077	0.1923	0.7945	0.5889	0.6657
tvnews10%	0.8389	0.1611	0.8256	0.6509	0.6010
ur3_cobotops_grip	0.9728	0.0272	0.7346	0.4321	0.4246

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_stop	0.9701	0.0299	0.7735	0.5446	0.5073
urban	0.6716	0.0730	0.5927	0.6167	0.2964
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.6786	0.1607	0.6404	0.5628	0.4652
vehicleVAN	0.9643	0.0357	0.9523	0.9000	0.1262
voice	0.7500	0.2500	0.7989	0.5263	0.5112
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.2222	0.1414	0.2557	0.1444	0.4525
vowelZ	0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17	0.8807	0.1193	0.6292	0.2583	0.6931
wap-wc	0.3205	0.0679	0.1949	0.2382	0.5290
warpar10p	0.4615	0.1077	0.4327	0.4013	0.2027
warppie10p	0.7619	0.0476	0.7059	0.7348	0.0695
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.8574	0.0407	0.8523	0.8331	0.1599
watch-acc10%	0.9329	0.0192	0.9311	0.9215	0.0949
watch-gyr	0.9524	0.0136	0.9513	0.9444	0.0758
watch-gyr1%	0.8649	0.0386	0.8619	0.8423	0.1519
watch-gyr10%	0.9231	0.0220	0.9210	0.9102	0.1021
water_pollution	0.3000	0.3500	0.2987	0.0654	0.8315
waveform	0.7320	0.1787	0.7313	0.5978	0.5087
weather-related	0.9731	0.0049	0.9729	0.9695	0.0333
web-phishing	0.8148	0.1235	0.6838	0.6637	0.4872
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.8489	0.0604	0.8437	0.8089	0.2832
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9500	0.0250	0.9501	0.9333	0.0967
wilt	0.9731	0.0269	0.8547	0.7093	0.4327
wine	0.8824	0.0784	0.8897	0.8079	0.2873
winequality-red	0.5723	0.1426	0.2693	0.3036	0.4712
winequality-white	0.5337	0.1554	0.2783	0.2745	0.5383
winnipeg	0.9379	0.0177	0.8796	0.9214	0.1461
winnipeg10%	0.9319	0.0195	0.8884	0.9138	0.1245
wisc_bc	0.9649	0.0351	0.9643	0.9261	0.2027
yale	0.3750	0.0833	0.2875	0.3333	0.1759
yeast	0.5270	0.1051	0.4219	0.3770	0.3825
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9662	0.0338	0.7787	0.5293	0.4009
zip	0.7065	0.0587	0.6825	0.6709	0.3464

Table 276: Detailed results for CIRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1663	0.0794	0.1385	0.0755	0.5409
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9573	0.0427	0.9070	0.8013	0.2025
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8967	0.1033	0.8533	0.6921	0.4258
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8190	0.0724	0.4705	0.5786	0.2143
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9535	0.0465	0.9491	0.8964	0.2299
anneal	0.9663	0.0135	0.7748	0.9296	0.1075
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9736	0.0132	0.9343	0.9493	0.0568
anuran-genus	0.9694	0.0076	0.9199	0.9492	0.0826
anuran-species	0.9778	0.0044	0.9456	0.9690	0.0345
anxiety	0.0583	0.2093	0.0571	-0.0618	0.8394
apple-quality	0.8550	0.1450	0.8564	0.7100	0.5373
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.6667	0.0513	0.2914	0.3807	0.2429

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.5000	0.0909	0.3030	0.3495	0.2358
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6000	0.1333	0.3773	0.4521	0.2427
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.4355	0.1613	0.1442	0.1117	0.4750
balance	0.9194	0.0538	0.6345	0.8480	0.1272
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8963	0.1037	0.8883	0.7648	0.3784
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8571	0.1429	0.8470	0.6927	0.5498
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.6620	0.5686	0.1945
bridges	0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9425	0.0287	0.9195	0.8822	0.2314
car-insurance	0.8390	0.1610	0.8133	0.6266	0.6204
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.8498	0.0300	0.8332	0.8187	0.1657
cardiotocography-nsp	0.9296	0.0469	0.8682	0.8001	0.2733
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.7261	0.6759	0.3084
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.8246	0.1754	0.8241	0.6480	0.6164
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7794	0.5587	0.6885
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9277	0.0723	0.6909	0.1332	0.1784
churn	0.8410	0.1590	0.7194	0.3973	0.6018
churn-bigml	0.9625	0.0375	0.9218	0.8359	0.1979
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.9900	0.0002	0.9906	0.9899	0.0049
cirrhosis	0.7619	0.1587	0.7431	0.5150	0.3545
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7981	0.1009	0.6755	0.6764	0.3211
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5986	0.2676	0.5819	0.3740	0.6396
cnae-9	0.9074	0.0206	0.9208	0.8958	0.0877
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.9861	0.0014	0.9866	0.9854	0.0097
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	0.9800	0.0027	0.9221	0.9780	0.0058
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7586	0.2414	0.7208	0.3940	0.6569
colposcopies-2	0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3	0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.8276	0.1724	0.7539	0.5051	0.6759
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.7419	0.1720	0.6451	0.5804	0.3096
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7668	0.2332	0.7675	0.5339	0.7199
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.2812	0.0359	0.1915	0.2625	0.1081
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1733	0.2756	0.1759	0.0020	0.8384
cyclopentane	0.8519	0.1481	0.8500	0.7000	0.5592
cylinder-bands	0.7963	0.2037	0.7901	0.5763	0.6650
darwin	0.7778	0.2222	0.7778	0.5556	0.7044
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8300	0.1700	0.7219	0.4138	0.6353
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.9730	0.0090	0.9729	0.9662	0.0254
desharnais	0.8750	0.0833	0.6377	0.7333	0.1179
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7289	0.5062	0.3050
DIA	0.8500	0.1500	0.7938	0.5000	0.3145
diabetes	0.9231	0.0769	0.9186	0.8344	0.3408
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3787	0.6213	0.2747	0.0000	0.5182
dropout	0.7675	0.1550	0.6825	0.6081	0.4353
drug-01	0.3830	0.1763	0.1055	-0.0129	0.3811
drug-02	0.5053	0.1413	0.2397	0.1046	0.5622
drug-03	0.7128	0.0821	0.2106	0.1529	0.2710
drug-04	0.5319	0.1337	0.2118	0.1097	0.5619
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2474	0.2800	0.4353
drug-07	0.4415	0.1596	0.1388	0.0711	0.4351
drug-08	0.5957	0.1155	0.2492	0.2105	0.3551
drug-09	0.8723	0.0365	0.1960	0.0699	0.1044
drug-10	0.5691	0.1231	0.1910	0.1831	0.4454
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1692	0.2077	0.3207
drug-14	0.6277	0.1064	0.2889	0.3467	0.4258

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5851	0.1185	0.2711	0.2545	0.3246
drug-17	0.3723	0.1793	0.1347	0.1185	0.4573
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9214	0.0225	0.9351	0.9049	0.1277
ecoli	0.8824	0.0294	0.5623	0.8343	0.0566
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2709	0.0259	0.8461
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.9045	0.0955	0.9038	0.8058	0.4077
eeg10%	0.4230	0.0721	0.3447	0.3562	0.5308
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6986	0.1205	0.6662	0.6089	0.2953
euthyroid	0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5150	0.4850	0.5415	0.0209	0.6538
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6863	0.3137	0.6835	0.3462	0.7947
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.6875	0.2083	0.5146	0.4631	0.3332
gender	0.6084	0.2611	0.4908	0.1577	0.5283
gene	0.9432	0.0379	0.9375	0.9093	0.1674
german	0.7100	0.2900	0.6572	0.2714	0.7528
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9424	0.0576	0.9424	0.8847	0.2947
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8095	0.0635	0.7643	0.7342	0.1559
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.4667	0.2667	0.4342	0.2547	0.4452
gsalc	0.7778	0.0741	0.8602	0.7353	0.1171
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.9230	0.0220	0.5422	0.8855	0.1007
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9800	0.0200	0.9767	0.9531	0.1216
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1721	0.1083	0.3105
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8735	0.1265	0.7440	0.4562	0.5627
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.7500	0.1667	0.7157	0.5500	0.3991
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9804	0.0196	0.9398	0.8789	0.2292
hypothyroid	0.9920	0.0040	0.7384	0.9532	0.0786
hypothyroidT	0.9973	0.0027	0.9906	0.9810	0.0136
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9714	0.0286	0.9671	0.9320	0.1146
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8246	0.1754	0.6562	0.2252	0.5829
jvowels	0.9608	0.0087	0.9583	0.9556	0.0627
kc1	0.8720	0.1280	0.7136	0.2987	0.3950
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6929	0.3824	0.7363
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.8828	0.0781	0.8407	0.8065	0.2126
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.6888	0.0346	0.7250	0.6510	0.3266
krvskp	0.9906	0.0094	0.9907	0.9812	0.0652
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6284	0.6591	0.0970
led24	0.6500	0.0700	0.6390	0.6056	0.1571
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9210	0.0061	0.9226	0.9178	0.0882
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8333	0.0222	0.8465	0.8204	0.0759
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9883	0.0117	0.9875	0.9750	0.0789
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.6693	0.0601	0.3857	0.5708	0.3674
lrs	0.8113	0.0377	0.4329	0.7363	0.1383
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.8231	0.1769	0.8231	0.6462	0.6188
magic04	0.8685	0.1315	0.8533	0.7029	0.5171
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8795	0.1205	0.7110	0.3488	0.5028
maternal	0.7030	0.1980	0.7038	0.5467	0.5357
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8306	0.1129	0.4037	0.1780	0.3724
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2067	0.3173	0.2073	0.0072	0.8722
messidor	0.6957	0.3043	0.6897	0.3793	0.8299
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9650	0.0070	0.9656	0.9611	0.0439
mfeat-fou	0.7900	0.0420	0.7913	0.7667	0.1837
mfeat-kar	0.9600	0.0080	0.9612	0.9556	0.0505
mfeat-mor	0.7050	0.0590	0.7073	0.6722	0.1944
mfeat-pix	0.9750	0.0050	0.9756	0.9722	0.0313
mfeat-zer	0.7700	0.0460	0.7672	0.7444	0.1505
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.4906	0.4093	0.4456
mobile	0.8986	0.0036	0.9086	0.8968	0.0457
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9016	0.0984	0.8905	0.7718	0.3804
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9500	0.0500	0.8993	0.7855	0.2375
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7758	0.2242	0.7674	0.5334	0.7111
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.9038	0.0101	0.4392	0.7158	0.2212
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5417	0.3056	0.4151	0.0361	0.3592
nursery	0.3333	0.2667	0.1000	0.0000	0.2972
obesity	0.9479	0.0149	0.9470	0.9391	0.0732
obs	0.9907	0.0046	0.9934	0.9862	0.0189
occupancy	0.9922	0.0078	0.9892	0.9783	0.0936
Occupancy_Estimation	0.9911	0.0044	0.9682	0.9729	0.0175
oh0-wc	0.9010	0.0198	0.9113	0.8860	0.0830
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.8571	0.0286	0.8748	0.8376	0.1303
olive	0.9123	0.0195	0.9007	0.8904	0.0580
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9520	0.0096	0.9541	0.9466	0.0679
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8454	0.1546	0.8247	0.6478	0.5885
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9744	0.0102	0.8518	0.8478	0.1568
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9242	0.0758	0.9191	0.8365	0.3496
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.9192	0.0808	0.8992	0.7982	0.4120
pasture	0.7500	0.1667	0.6061	0.5556	0.1741

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8816	0.1184	0.8343	0.6400	0.4189
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9873	0.0025	0.9872	0.9858	0.0223
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8134	0.1866	0.7978	0.5924	0.6435
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9592	0.0408	0.9572	0.9144	0.2360
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.8806	0.0341	0.8725	0.8603	0.1322
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.9081	0.0263	0.9010	0.8926	0.1193
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.9037	0.0963	0.8824	0.7647	0.4693
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6974	0.3026	0.6716	0.3235	0.8000
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.7920	0.2080	0.7852	0.5697	0.6834
plant-growth	0.7368	0.2632	0.7389	0.4751	0.7624
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5307	0.1341	0.2582	0.1091	0.3141
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9561	0.0439	0.7229	0.3426	0.3182
polish-5th	0.9560	0.0440	0.8010	0.5468	0.2822
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7500	0.2500	0.7501	0.5000	0.7494
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.4848	0.0793	0.3653	0.4138	0.2611
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7313	0.2687	0.6710	0.2726	0.6759
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.2620	0.2952	0.0830	0.0000	0.3607
puc-rio10%	0.9837	0.0065	0.9692	0.9781	0.0436
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9333	0.0667	0.9338	0.8667	0.3208
re0-wc	0.4200	0.0892	0.0846	0.0687	0.2783
re1-wc	0.4337	0.0453	0.3404	0.3057	0.2210
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6676	0.3324	0.6546	0.3092	0.8661
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8942	0.0353	0.8771	0.8690	0.1582
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9440	0.0560	0.8273	0.6316	0.3692
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6573	0.2353	0.7052
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9697	0.0087	0.9737	0.9646	0.0393
segmentation	0.8564	0.1436	0.8440	0.6880	0.5661
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-2-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-3-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8994	0.1006	0.7908	0.5739	0.5495
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9735	0.0265	0.8834	0.7369	0.0862
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9971	0.0029	0.9957	0.9913	0.0432
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2133	0.3147	0.2082	0.0144	0.8583
solar-flare	0.7554	0.0815	0.5943	0.6835	0.1895
sonar	0.6000	0.4000	0.6269	0.2000	0.7816
soybean	0.9265	0.0077	0.8722	0.9187	0.0291
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9370	0.0630	0.9340	0.8665	0.3000
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.5962	0.0299	0.4533	0.5716	0.1372
splice-EI	0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE	0.9527	0.0473	0.9364	0.8720	0.3238
sport-articles	0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored	0.4000	0.4000	0.3030	0.0000	0.5733
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8667	0.1333	0.7894	0.5757	0.6038
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8154	0.1846	0.7908	0.5731	0.6322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-p	0.9385	0.0615	0.7637	0.5074	0.4915
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9897	0.0103	0.9703	0.9388	0.0422
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8819	0.1181	0.7976	0.5950	0.5984
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.6400	0.1440	0.3490	0.4006	0.4004
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4000	0.2400	0.1827	0.0443	0.4654
student-weekend	0.4308	0.2277	0.3288	0.1797	0.5757
student-workday	0.6875	0.1250	0.1630	-0.0191	0.3344
studentap	0.4615	0.3590	0.3636	0.1415	0.6139
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6082	0.4000	0.5332
telco-churn	0.8935	0.1065	0.8593	0.7158	0.4836
texture	0.9745	0.0046	0.9761	0.9719	0.0352
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8657	0.1343	0.8070	0.5971	0.5309
titanic	0.8091	0.1909	0.7714	0.5247	0.6309
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.5547	0.1085	0.8742
trec11-wc	0.4878	0.1138	0.3346	0.2825	0.2651
trec12-wc	0.6774	0.0806	0.5760	0.5872	0.1539
trec21-wc	0.7879	0.0848	0.3517	0.4031	0.1727
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.7391	0.0522	0.6072	0.6848	0.1534
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.7500	0.1250	0.7444	0.6667	0.2863
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9154	0.0846	0.9088	0.8176	0.3974
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9755	0.0245	0.7655	0.3921	0.0790
ur3_cobotops_stop	0.9701	0.0299	0.7320	0.3430	0.2388
urban	0.8358	0.0365	0.7991	0.8070	0.1540
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7262	0.1369	0.6983	0.6303	0.3168
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.9302	0.0698	0.9307	0.8605	0.3321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vowel	0.6566	0.0624	0.6832	0.6222	0.2017
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0192	0.0981	0.0019	0.0000	0.3766
warpar10p	0.6923	0.0615	0.6829	0.6533	0.1094
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.9442	0.0160	0.9422	0.9348	0.0718
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2400	0.3800	0.2400	-0.0139	0.8720
waveform	0.8440	0.1040	0.8466	0.7661	0.3453
weather-related	0.9538	0.0084	0.9527	0.9476	0.0487
web-phishing	0.8593	0.0938	0.7954	0.7478	0.4004
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.2500	0.1667	-0.2857	0.3909
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9855	0.0145	0.9195	0.8369	0.2405
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6164	0.1279	0.2960	0.3687	0.3508
winequality-white	0.6155	0.1098	0.3069	0.3960	0.3878
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.6875	0.0417	0.6588	0.6653	0.0797
yeast	0.5811	0.0838	0.4033	0.4578	0.3416
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 277: Detailed results for CIT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1735	0.0787	0.0686	0.0758	0.3869
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9512	0.0488	0.8928	0.7682	0.2173
adult	0.8335	0.1665	0.7456	0.4614	0.6066
advanced-iot	0.6607	0.1131	0.6001	0.5928	0.1358
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8967	0.1033	0.8575	0.6734	0.2537
air_pollution	0.4067	0.1695	0.0828	0.0017	0.3421
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8672	0.1328	0.8648	0.7297	0.5236
alcohol	0.7238	0.1105	0.2884	0.2232	0.1959
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8744	0.1256	0.8604	0.7159	0.4930
anneal	0.8764	0.0494	0.5624	0.7078	0.1773
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.8776	0.0612	0.6059	0.7678	0.2425
anuran-genus	0.7830	0.0542	0.3652	0.5962	0.2123
anuran-species	0.7903	0.0419	0.4620	0.7019	0.1708
anxiety	0.0917	0.2019	0.0199	-0.0274	0.4858
apple-quality	0.7100	0.2900	0.7118	0.4200	0.7984
aps-failure	0.9866	0.0134	0.7817	0.5500	0.4141
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arcene	0.6000	0.4000	0.5833	0.1667	0.9308
arrhythmia	0.6000	0.0615	0.2135	0.1456	0.2058

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9412	0.0588	0.8559	0.6955	0.3452
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.8846	0.1154	0.8821	0.7495	0.3949
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.5500	0.1500	0.3766	0.3750	0.2487
avila	0.5060	0.0823	0.1841	0.2225	0.2620
babies	0.4677	0.1521	0.1891	0.1707	0.4457
balance	0.7903	0.1398	0.5449	0.6061	0.3332
bank	0.9094	0.0906	0.7725	0.5449	0.6001
banknote	0.9489	0.0511	0.9512	0.8977	0.2281
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8410	0.1590	0.8248	0.6382	0.5551
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9952	0.0048	0.8433	0.6579	0.2010
bio10%	0.9945	0.0055	0.8334	0.6639	0.3909
biodeg	0.7524	0.2476	0.7332	0.4647	0.7572
biomed	0.8571	0.1429	0.8568	0.6736	0.3386
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5239	0.2381	0.4659	0.3652	0.4763
bookings	0.9903	0.0065	0.8070	0.9793	0.0154
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.5455	0.1515	0.5137	0.4660	0.2152
bridges	0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7471	0.1264	0.3997	0.5223	0.2526
car-insurance	0.8410	0.1590	0.8141	0.6280	0.6153
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7089	0.0582	0.4132	0.6405	0.2050
cardiotocography-nsp	0.8310	0.1127	0.5641	0.4088	0.3278
cardiovascular	0.6253	0.3747	0.6265	0.2506	0.8987
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5826	0.4766	0.5057
cas_N6512_cdk_ECFP2	0.6098	0.3902	0.6351	0.2420	0.8334
cas_N6512_rdkit_ATOMPAIR	0.6415	0.3585	0.6486	0.2905	0.8673
cas_N6512_RDkit_AtomPair_FP	0.7009	0.2991	0.7067	0.4066	0.8000
cas_N6512_rdkit_AVALON	0.6851	0.3149	0.6911	0.3755	0.8197
cas_N6512_RDkit_Avalon_FP	0.6794	0.3206	0.6890	0.3669	0.8142
cas_N6512_rdkit_descriptors	0.6185	0.3815	0.6326	0.2513	0.8667
cas_N6512_rdkit_FEATMORGAN	0.6083	0.3917	0.6042	0.2081	0.9223
cas_N6512_RDkit_Featmorgan_FP	0.6411	0.3589	0.6804	0.3068	0.7375
cas_N6512_RDkit_FP	0.6350	0.3650	0.6339	0.2677	0.8950
cas_N6512_rdkit_LAYERED	0.6954	0.3046	0.7006	0.3952	0.8093
cas_N6512_RDkit_Layered_FP	0.6886	0.3114	0.6897	0.3779	0.8308
cas_N6512_rdkit_MACCS	0.7158	0.2842	0.7151	0.4299	0.7995
cas_N6512_RDkit_MACCS_FP	0.7209	0.2791	0.7202	0.4400	0.7927

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.6508	0.3492	0.6691	0.3164	0.8154
cas_N6512_RDkit_morgan_FP	0.6319	0.3681	0.6495	0.2796	0.8396
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.6948	0.3052	0.6928	0.3855	0.8289
cas_N6512_rdkit_RDKITFP	0.6605	0.3395	0.6599	0.3196	0.8674
cas_N6512_rdkit_TORSION	0.6385	0.3615	0.6643	0.2966	0.7995
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6943	0.3057	0.6709	0.3412	0.8362
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.9406	0.0297	0.9342	0.9116	0.1387
chrom19	0.9996	0.0004	0.8758	0.7278	0.1117
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9993	0.0007	0.7977	0.5382	0.1845
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.8976	0.1024	0.6050	0.2069	0.6825
churn	0.8220	0.1780	0.6742	0.2341	0.5209
churn-bigml	0.9213	0.0787	0.8407	0.6813	0.5119
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0550	0.0189	0.0368	0.0455	0.3755
cirrhosis	0.7619	0.1587	0.5186	0.4928	0.2599
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.6157	0.1921	0.3426	0.3611	0.4042
climate	0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5102	0.3265	0.5070	0.2510	0.7042
cnae-9	0.3148	0.1523	0.2643	0.2292	0.3042
codon_usage	0.5457	0.0826	0.2885	0.4338	0.3068
coil20	0.2292	0.0771	0.2116	0.1898	0.3185
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.3200	0.0907	0.2366	0.2049	0.2894
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6897	0.3103	0.6221	0.1767	0.7276
colposcopies-2	0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3	0.6552	0.3448	0.6675	0.3224	0.8322
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c	0.6897	0.3103	0.6349	0.2606	0.8063
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
connect-4	0.9822	0.0118	0.6151	0.3608	0.0355
cottonmeloidogyne	0.6731	0.3269	0.6730	0.3461	0.8543
coupon	0.6183	0.3817	0.6020	0.1572	0.8043
covid19	0.5302	0.1342	0.2026	0.1400	0.3336
covtype	0.6739	0.0932	0.3670	0.4672	0.3529
covtype10%	0.6601	0.0971	0.4213	0.4447	0.3649
covtypeCD	0.9235	0.0765	0.8253	0.6441	0.4794

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9390	0.0610	0.7043	0.3537	0.4730
crabs	0.7000	0.1500	0.7185	0.6000	0.2526
creditcard_trans	0.9993	0.0007	0.8978	0.7956	0.3382
creditcard_trans10%	0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced	0.7834	0.0722	0.4865	0.5678	0.2754
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.0312	0.0484	0.0250	0.0294	0.3518
customer-churn	0.9804	0.0196	0.6678	0.2508	0.3741
cybersecurity	0.1767	0.2744	0.0818	0.0000	0.4958
cyclopentane	0.7037	0.2963	0.7072	0.4098	0.8027
cylinder-bands	0.7593	0.2407	0.7539	0.4876	0.6885
darwin	0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8260	0.1740	0.7121	0.3834	0.6254
defect	0.9290	0.0710	0.8715	0.7426	0.4759
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8983	0.1017	0.7145	0.4110	0.5993
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.6757	0.1081	0.6202	0.5723	0.1428
desharnais	0.5000	0.3333	0.2667	0.1111	0.4578
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7333	0.2667	0.5565	0.0857	0.7932
diabetes	0.8654	0.1346	0.8592	0.7016	0.4529
diabetes-100k	0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk	0.9163	0.0837	0.8671	0.7304	0.4361
diabetic1%	0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.9167	0.0833	0.9226	0.8333	0.3145
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6591	0.1364	0.5731	0.5077	0.3053
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5317	0.4683	0.5236	0.0140	0.6948
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.8749	0.1251	0.8722	0.7407	0.5054
dropout	0.7291	0.1806	0.6593	0.5566	0.4987
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6755	0.0927	0.1633	0.0933	0.3070
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3989	0.1717	0.1584	0.2181	0.3829
drug-07	0.4628	0.1535	0.1435	0.0980	0.3529
drug-08	0.5798	0.1201	0.1645	0.1321	0.3009
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6223	0.1079	0.1745	0.2459	0.3223
drug-14	0.5798	0.1201	0.1678	0.0885	0.3400

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6117	0.1109	0.2952	0.3804	0.4264
drug-17	0.3457	0.1869	0.1271	0.0633	0.4418
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.6833	0.0905	0.5939	0.6110	0.2017
ecoli	0.8529	0.0368	0.4370	0.7899	0.1068
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.2397	0.0950	0.1371	0.1383	0.4670
eeg-eye	0.6415	0.3585	0.6334	0.2517	0.8605
eeg10%	0.2504	0.0937	0.1481	0.1486	0.4233
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5342	0.1863	0.4179	0.3790	0.3557
euthyroid	0.9367	0.0633	0.8484	0.6873	0.5322
exon.vs.intron-freq	0.8868	0.1132	0.8865	0.7726	0.4672
exon.vs.intron-freq10%	0.8884	0.1116	0.8882	0.7763	0.4653
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.5145	0.0085	0.7021
financial-risk	0.7055	0.0982	0.5421	0.4942	0.2570
fishcatch	0.6875	0.1042	0.4017	0.5855	0.1296
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.7115	0.1442	0.7344	0.6037	0.3500
gas	0.5205	0.1598	0.5000	0.4120	0.3712
gastrointestinal	0.6250	0.2500	0.4710	0.3684	0.3556
gender	0.5979	0.2681	0.3559	0.0618	0.4360
gene	0.6940	0.2040	0.5272	0.5027	0.3390
german	0.6900	0.3100	0.6322	0.2439	0.8259
gestures	0.4426	0.2787	0.3827	0.2583	0.3582
gina	0.8069	0.1931	0.8087	0.6144	0.6416
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.5714	0.1429	0.4802	0.3658	0.2098
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7143	0.2857	0.6863	0.3636	0.8021
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6842	0.3158	0.6910	0.3736	0.8166
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.6000	0.2000	0.4000	0.4444	0.1161
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.4667	0.2667	0.3762	0.2547	0.4951
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.6667	0.3333	0.5739	0.1477	0.8809
hapt	0.5737	0.0711	0.3067	0.4925	0.1827
har	0.3792	0.2483	0.4146	0.1551	0.4599
har70	0.7691	0.0660	0.3924	0.6245	0.1377
har701%	0.7686	0.0661	0.3907	0.6226	0.1305
har7010%	0.7693	0.0659	0.3928	0.6249	0.1378

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth	0.7320	0.0447	0.3121	0.6309	0.1870
harth1%	0.7383	0.0436	0.3166	0.6396	0.1828
harth10%	0.7321	0.0446	0.3127	0.6312	0.1877
hayes-roth	0.3750	0.4167	0.2612	-0.0323	0.4928
hcc-survival	0.5294	0.4706	0.5589	0.1053	0.9033
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.8640	0.1360	0.8387	0.6753	0.5501
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.7980	0.2020	0.8027	0.5965	0.6394
hepmass10%	0.8037	0.1963	0.8078	0.6077	0.6318
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6182	0.3818	0.6150	0.2291	0.9117
higgs1%	0.6320	0.3680	0.6320	0.2636	0.8971
higgs10%	0.6353	0.3647	0.6361	0.2713	0.8922
higher	0.2143	0.1964	0.0500	0.0128	0.3344
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8432	0.1568	0.6620	0.2773	0.6406
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5556	0.2963	0.5074	0.1967	0.6540
hotel-reservartions	0.7966	0.2034	0.7776	0.5528	0.6899
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.6117	0.2589	0.6193	0.4149	0.5998
ht-sensor10%	0.5672	0.2886	0.5692	0.3411	0.6436
htru2	0.9777	0.0223	0.9301	0.8580	0.2226
hypothyroid	0.9735	0.0133	0.6590	0.8502	0.2517
hypothyroidT	0.9920	0.0080	0.9716	0.9431	0.1266
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.7207	0.1397	0.6541	0.6276	0.1469
ionosphere	0.9429	0.0571	0.9346	0.8606	0.1858
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.1861	0.0626	0.1588	0.1535	0.3450
jm1	0.8090	0.1910	0.6498	0.0227	0.3430
jvowels	0.4197	0.1290	0.3437	0.3339	0.3701
kc1	0.8626	0.1374	0.6995	0.1888	0.2810
kc1-class-level-defectiveornot	0.6667	0.3333	0.7466	0.3902	0.5193
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.7854	0.0330	0.1320	0.6318	0.0646
kepler	0.7793	0.1471	0.7162	0.6396	0.2760
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2813	0.0799	0.1211	0.1751	0.4546
krvskp	0.9122	0.0878	0.9126	0.8235	0.3848
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.1765	0.0716	0.1500	0.1470	0.3369
led24	0.5500	0.0900	0.3972	0.4915	0.2023
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.1560	0.0649	0.1331	0.1234	0.3814
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.1667	0.1111	0.1202	0.1155	0.3391
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7353	0.2647	0.7051	0.4093	0.7890
loan	0.9836	0.0164	0.9828	0.9653	0.1230
localization	0.4366	0.1024	0.1594	0.2375	0.3869
localization10%	0.4357	0.1026	0.1560	0.2359	0.3821
lrs	0.5472	0.0906	0.2143	0.3960	0.2128
lung	0.9048	0.0381	0.7213	0.8272	0.1401
lung_discrete	0.5000	0.1429	0.2286	0.3333	0.2048
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.5714	0.2143	0.1818	0.0000	0.2456
lymphoma2	0.5556	0.0988	0.1778	0.4098	0.0972
machine-failure	0.9149	0.0851	0.9152	0.8273	0.3841
madelon	0.6923	0.3077	0.6942	0.3846	0.8212
magic04	0.8059	0.1941	0.7812	0.5570	0.6604
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8222	0.6430	0.6156
marketing	0.8705	0.1295	0.6806	0.2760	0.5223
maternal	0.5842	0.2772	0.6527	0.3543	0.4440
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.5833	0.2083	0.5595	0.4444	0.2769
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6174	0.3826	0.6326	0.2526	0.8672
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.5556	0.2222	0.4976	0.4000	0.2506
meter-D	0.8333	0.0833	0.8622	0.7682	0.1815
mfeat-fac	0.3400	0.1320	0.3428	0.2667	0.3186
mfeat-fou	0.3600	0.1280	0.3217	0.2889	0.3125
mfeat-kar	0.3300	0.1340	0.3773	0.2556	0.3229
mfeat-mor	0.4900	0.1020	0.4151	0.4333	0.1855
mfeat-pix	0.5250	0.0950	0.4146	0.4722	0.2625
mfeat-zer	0.3150	0.1370	0.3345	0.2389	0.3625
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.6792	0.2138	0.6945	0.5235	0.3289
mines	0.5294	0.1882	0.3917	0.4074	0.3544
mobile	0.0629	0.0335	0.0619	0.0462	0.4030
monks-1	0.7455	0.2545	0.7876	0.4954	0.4694
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9791	0.0209	0.9794	0.9582	0.1247
music	0.3828	0.1122	0.2828	0.2041	0.3977

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
musk	0.8955	0.1045	0.7721	0.5071	0.4844
MUT_ci300400a_cdk_ECFP2	0.6667	0.3333	0.6919	0.3566	0.7780
MUT_ci300400a_cdk_ECFP4	0.6383	0.3617	0.6584	0.2981	0.8293
MUT_ci300400a_cdk_ECFP6	0.6323	0.3677	0.6498	0.2839	0.8437
MUT_ci300400a_cdk_ESTATE	0.6847	0.3153	0.6845	0.3658	0.8304
MUT_ci300400a_cdk_EXTENDED	0.7062	0.2938	0.7148	0.4185	0.7801
MUT_ci300400a_cdk_FCFP2	0.6383	0.3617	0.6755	0.3124	0.7728
MUT_ci300400a_cdk_FCFP4	0.6067	0.3933	0.6418	0.2523	0.8173
MUT_ci300400a_cdk_FCFP6	0.6427	0.3573	0.6191	0.2119	0.8420
MUT_ci300400a_cdk_MACCS	0.7050	0.2950	0.6970	0.3940	0.8191
MUT_ci300400a_cdk_PUBCHEM	0.7042	0.2958	0.7186	0.4198	0.7638
MUT_ci300400a_cdk_STANDARD	0.6958	0.3042	0.7016	0.3951	0.8017
MUT_ci300400a_rdkit_descriptors	0.6980	0.3020	0.7051	0.4013	0.7970
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9308	0.0692	0.9321	0.8615	0.3158
NCI60	0.5000	0.1667	0.4286	0.4000	0.2097
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.8477	0.0160	0.1632	0.5287	0.1645
ncRNA1%	0.8310	0.0178	0.1315	0.5540	0.1937
ncRNA10%	0.8490	0.0159	0.1588	0.5326	0.1647
neo	0.9117	0.0883	0.6789	0.1875	0.3266
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT	0.9048	0.0952	0.8662	0.6957	0.5000
newspop	0.6153	0.3847	0.6128	0.2089	0.8763
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9115	0.0885	0.8893	0.7766	0.4183
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.8210	0.0716	0.5003	0.7344	0.1759
obesity	0.5355	0.1327	0.4961	0.4602	0.2463
obs	0.8241	0.0880	0.8785	0.7423	0.2084
occupancy	0.9917	0.0083	0.9886	0.9770	0.1018
Occupancy_Estimation	0.9427	0.0286	0.8385	0.8228	0.0390
oh0-wc	0.4653	0.1069	0.2914	0.3587	0.2665
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.2967	0.1407	0.2779	0.1814	0.3389
olive	0.7193	0.0624	0.5576	0.6516	0.1413
opn310k	0.9106	0.0894	0.6229	0.1316	0.4470
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9096	0.0904	0.6058	0.0686	0.3725
optdigits	0.4342	0.1132	0.3836	0.3748	0.3363
optdigitsZ	0.9875	0.0125	0.9608	0.9210	0.1529
orl	0.1000	0.0450	0.0774	0.0769	0.3766
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.7925	0.5747	0.6205
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8016	0.1984	0.8017	0.6028	0.6601
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9269	0.0293	0.4705	0.4178	0.1488
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.8104	0.1896	0.8021	0.6031	0.6549
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8442	0.1558	0.7982	0.5899	0.6015
particle10%	0.8462	0.1538	0.8040	0.6059	0.6112
pasture	0.5000	0.3333	0.5333	0.3333	0.1875
pc1	0.9189	0.0811	0.6396	0.2671	0.6352

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7632	0.2368	0.6954	0.3898	0.7720
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.3922	0.1216	0.3115	0.3217	0.2916
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7755	0.2245	0.7547	0.5025	0.7078
personalities	0.2238	0.0970	0.1654	0.1721	0.5322
pet-adoption	0.8850	0.1150	0.8717	0.7429	0.5035
phishing	0.9184	0.0816	0.9158	0.8306	0.3870
PhiUSIIL10%	0.4283	0.5717	0.2999	0.0000	0.5287
phone-acc0.1%	0.4234	0.1647	0.4178	0.3127	0.3603
phone-acc1%	0.3892	0.1745	0.3225	0.2722	0.3812
phone-acc10%	0.4314	0.1625	0.4115	0.3226	0.3644
phone-gyr0.1%	0.5485	0.1290	0.4945	0.4636	0.2644
phone-gyr1%	0.5470	0.1294	0.4633	0.4617	0.2769
phone-gyr10%	0.5446	0.1301	0.4627	0.4589	0.2790
phoneme	0.7889	0.2111	0.7618	0.5165	0.7020
phy	0.6834	0.3166	0.6834	0.3667	0.8419
pima	0.6974	0.3026	0.6722	0.3318	0.8143
pirvision	0.9791	0.0139	0.9626	0.9323	0.0917
placement	0.7660	0.2340	0.7648	0.5272	0.7209
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.5123	0.1084	0.1159	0.0337	0.2258
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.5080	0.1230	0.1274	0.0297	0.2584
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9357	0.0643	0.6719	0.1613	0.2810
polya	0.7114	0.2886	0.6972	0.3919	0.8062
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.5823	0.1671	0.5280	0.4783	0.3777
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6983	0.3824	0.7951
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.2727	0.1119	0.2018	0.2040	0.3027
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.7203	0.1119	0.5558	0.6101	0.2704
puc-rio10%	0.7145	0.1142	0.5653	0.6015	0.2595
pufs-1281%	0.4948	0.5052	0.4948	-0.0103	1.0000
pufs-12810%	0.5013	0.4987	0.5013	0.0025	0.9993
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5008	0.4992	0.5008	0.0017	0.9995
pulsar	0.9816	0.0184	0.9433	0.8831	0.1457
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.4200	0.0892	0.0846	0.0687	0.2783
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9852	0.0148	0.9850	0.9700	0.1024
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.8832	0.0195	0.3071	0.6749	0.0617
satimage	0.6610	0.1130	0.5276	0.5673	0.2857
satimageF	0.9891	0.0109	0.9718	0.9435	0.1479
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.5714	0.1714	0.4881	0.4474	0.2432
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5588	0.4412	0.5598	0.1176	0.9547
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.7036	0.2964	0.7090	0.4115	0.7971
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.5325	0.1336	0.4736	0.4558	0.1897
segmentation	0.7871	0.2129	0.7796	0.5540	0.6890
segmentO	0.9827	0.0173	0.9650	0.9275	0.0667
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9748	0.0252	0.9276	0.8528	0.2322
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.3530	0.1176	0.3112	0.2883	0.2746
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8775	0.1225	0.7790	0.5560	0.6318
shuttle	0.8431	0.0448	0.3673	0.3870	0.0863
sick	0.9629	0.0371	0.8353	0.6625	0.4011
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9496	0.0504	0.9233	0.8466	0.3383
skin10%	0.9653	0.0347	0.9487	0.8968	0.2803
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.7166	0.2834	0.7222	0.4304	0.7611
soil_pollution	0.2167	0.3133	0.1808	0.0131	0.5436
solar-flare	0.7266	0.0911	0.5276	0.6462	0.1831
sonar	0.6500	0.3500	0.6741	0.3000	0.7546
soybean	0.2353	0.0805	0.1854	0.1278	0.3100
spam-detection	0.9560	0.0440	0.8671	0.7340	0.4392
spambase	0.8478	0.1522	0.8423	0.6842	0.5755
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7714	0.2286	0.7380	0.4717	0.7358
spectrometer	0.3077	0.0513	0.1341	0.2509	0.2782
splice-EI	0.8486	0.1514	0.8534	0.6653	0.4882
splice-IE	0.7950	0.2050	0.8138	0.5630	0.5218
sport-articles	0.8200	0.1800	0.8069	0.6139	0.6416
squash-stored	0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7594	0.1604	0.7159	0.6157	0.3709
steel-b	0.8256	0.1744	0.7670	0.5259	0.6735
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9744	0.0256	0.9601	0.9191	0.1618
steel-o	0.7333	0.2667	0.6917	0.3200	0.6687
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stellar	0.9468	0.0355	0.9376	0.9039	0.1458
stock	0.8819	0.1181	0.7760	0.5045	0.4639
stockb	0.9912	0.0059	0.9912	0.9868	0.0318
streaming	0.9700	0.0300	0.9702	0.9390	0.1523
stress	0.7619	0.0952	0.7219	0.7021	0.1194
student-lifestyle	0.6200	0.1520	0.3455	0.3761	0.4261
student-depression	0.8115	0.1885	0.8040	0.6031	0.6331
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4154	0.2338	0.2173	0.1077	0.4164
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1961	0.0189	0.4727
susy	0.7546	0.2454	0.7559	0.4952	0.7000
susy1%	0.7490	0.2510	0.7472	0.4945	0.7530
susy10%	0.7534	0.2466	0.7557	0.4920	0.6938
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6497	0.4000	0.4012
telco-churn	0.8480	0.1520	0.7958	0.5857	0.6034
texture	0.3673	0.1150	0.3363	0.3024	0.2590
theorem	0.7725	0.2275	0.8141	0.5658	0.4761
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.7263	0.2737	0.6702	0.3135	0.7681
tis	0.8684	0.1316	0.8118	0.5996	0.4952
tis10%	0.8657	0.1343	0.8070	0.5971	0.5309
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.4706	0.2647	0.4245	0.3077	0.4523
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc	0.3659	0.1409	0.1778	0.0889	0.3016
trec12-wc	0.4839	0.1290	0.3302	0.3092	0.2447
trec21-wc	0.6970	0.1212	0.2990	0.1176	0.3446
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9731	0.0269	0.9577	0.9151	0.1965
turkish	0.7500	0.1250	0.7427	0.6667	0.2693
tvnews	0.8046	0.1954	0.7866	0.5723	0.6703
tvnews1%	0.8000	0.2000	0.7803	0.5553	0.6664
tvnews10%	0.8011	0.1989	0.7821	0.5615	0.6724
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.4328	0.1260	0.3415	0.3169	0.2776
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.6786	0.1607	0.6426	0.5577	0.4037
vehicleVAN	0.8571	0.1429	0.7996	0.5932	0.5894
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.1818	0.1488	0.1939	0.1000	0.3845
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9102	0.0898	0.6209	0.0422	0.2831

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
warpar10p	0.3846	0.1231	0.3500	0.3247	0.2376
warppie10p	0.4286	0.1143	0.3520	0.3636	0.2312
watch-acc	0.4174	0.1665	0.4007	0.3107	0.3276
watch-acc1%	0.4185	0.1661	0.4040	0.3118	0.3214
watch-acc10%	0.4168	0.1666	0.4015	0.3100	0.3264
watch-gyr	0.5208	0.1369	0.5074	0.4358	0.3293
watch-gyr1%	0.5221	0.1365	0.5101	0.4374	0.3206
watch-gyr10%	0.5198	0.1372	0.5076	0.4346	0.3283
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.6880	0.2080	0.6995	0.5324	0.5258
weather-related	0.4000	0.1091	0.2200	0.2703	0.2906
web-phishing	0.8148	0.1235	0.5663	0.6560	0.3122
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.3890	0.2444	0.4026	0.1669	0.4311
white-clover	0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc	0.9600	0.0200	0.9615	0.9467	0.0636
wilt	0.9669	0.0331	0.8316	0.6626	0.4990
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4780	0.1740	0.2175	0.1800	0.4546
winequality-white	0.5112	0.1396	0.2082	0.1812	0.3599
winnipeg	0.7904	0.0599	0.6417	0.7293	0.1554
winnipeg10%	0.7760	0.0640	0.7293	0.7112	0.2415
wisc_bc	0.9298	0.0702	0.9321	0.8550	0.3064
yale	0.0625	0.1250	0.0121	-0.0042	0.3525
yeast	0.4257	0.1149	0.2426	0.2738	0.3250
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.5430	0.0914	0.4594	0.4873	0.3193

Table 278: Detailed results for CO2

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1990	0.0552	0.0967	0.1277	0.4990
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9360	0.0640	0.8558	0.6859	0.3008
adult	0.8366	0.1634	0.7683	0.5359	0.6626
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8485	0.1010	0.3060	-0.0443	0.3971
AID1284Morered	0.8056	0.1944	0.4462	-0.0862	0.8010
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.5714	0.4286	0.3636	-0.2353	0.7045
AID439red	0.7143	0.2857	0.4167	-0.1667	0.7987
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.3939	-0.0938	0.8482
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8779	0.1221	0.8248	0.6361	0.5027
air_pollution	0.1833	0.2333	0.0965	-0.0040	0.4522
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8887	0.1113	0.8865	0.7723	0.4615
alcohol	0.7619	0.0952	0.3614	0.4853	0.3708
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8884	0.1116	0.8767	0.7528	0.4777
anneal	0.8652	0.0539	0.6154	0.7217	0.2010
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9054	0.0473	0.6310	0.8231	0.2340
anuran-genus	0.8595	0.0351	0.5186	0.7714	0.2366
anuran-species	0.8556	0.0289	0.6562	0.7936	0.1922
anxiety	0.1083	0.1981	0.1011	-0.0002	0.5987
apple-quality	0.7650	0.2350	0.7661	0.5300	0.7197
aps-failure	0.9862	0.0138	0.7554	0.4148	0.2107
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.6250	0.2308	0.8533
arrhythmia	0.2889	0.1422	0.0787	0.0096	0.5562
auction	0.9069	0.0931	0.7535	0.4444	0.4313
audiology	0.4783	0.0435	0.1706	0.4090	0.1473
audit-risk	0.9615	0.0385	0.9598	0.9193	0.2145
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9714	0.0286	0.9639	0.9278	0.2035
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.4500	0.1833	0.2512	0.3168	0.3420
avila	0.2990	0.1168	0.3301	0.1893	0.4211
babies	0.3065	0.1982	0.1502	-0.0301	0.4515
balance	0.6774	0.2151	0.7266	0.5186	0.4134
bank	0.8988	0.1012	0.7456	0.4912	0.6305
banknote	0.9562	0.0438	0.9567	0.9119	0.2334
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8456	0.1544	0.8303	0.6477	0.5363
basehock	0.7839	0.2161	0.8123	0.5687	0.4868
bio	0.9955	0.0045	0.8565	0.7005	0.2678
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.7905	0.2095	0.7861	0.5682	0.6814
biomed	0.8571	0.1429	0.8467	0.6897	0.5386
bitcoin	0.9549	0.0031	0.0337	0.0129	0.0195
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.4119	0.2940	0.3991	0.2159	0.4194
bookings	0.9903	0.0065	0.7848	0.9793	0.0323
brain-tumor	0.4930	0.5070	0.4927	-0.0145	1.0000
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.9091	0.0303	0.9444	0.8889	0.0635
bridges	0.7872	0.0713	0.5185	0.7237	0.0615
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4140	0.3907	0.3203	0.0037	0.4338
car	0.7701	0.1149	0.4430	0.5571	0.3498
car-insurance	0.8430	0.1570	0.8127	0.6228	0.6012
card	0.8261	0.1739	0.8271	0.6497	0.6048
cardiotocography	0.6291	0.0742	0.4722	0.5583	0.3076
cardiotocography-nsp	0.8404	0.1064	0.6800	0.4608	0.4195
cardiovascular	0.6734	0.3266	0.6740	0.3468	0.8507
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5124	0.4474	0.4593
cas_N6512_cdk_ECFP2	0.6636	0.3364	0.6721	0.3351	0.8375
cas_N6512_rdkit_ATOMPAIR	0.6815	0.3185	0.6839	0.3652	0.8358
cas_N6512_RDkit_AtomPair_FP	0.6933	0.3067	0.6991	0.3915	0.8097
cas_N6512_rdkit_AVALON	0.7220	0.2780	0.7226	0.4439	0.7879
cas_N6512_RDkit_Avalon_FP	0.7316	0.2684	0.7299	0.4599	0.7789
cas_N6512_rdkit_descriptors	0.7031	0.2969	0.7131	0.4136	0.7809
cas_N6512_rdkit_FEATMORGAN	0.6452	0.3548	0.6413	0.2819	0.8858
cas_N6512_RDkit_Featmorgan_FP	0.6656	0.3344	0.6937	0.3495	0.7553
cas_N6512_RDkit_FP	0.6610	0.3390	0.6580	0.3156	0.8690
cas_N6512_rdkit_LAYERED	0.7108	0.2892	0.7134	0.4236	0.7973
cas_N6512_RDkit_Layered_FP	0.6886	0.3114	0.6874	0.3747	0.8358

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7373	0.2627	0.7353	0.4705	0.7705
cas_N6512_RDkit_MACCS_FP	0.7469	0.2531	0.7458	0.4915	0.7556
cas_N6512_rdkit_MORGAN	0.6877	0.3123	0.6916	0.3789	0.8234
cas_N6512_RDkit_morgan_FP	0.6212	0.3788	0.6525	0.2662	0.7960
cas_N6512_rdkit_PATTERN	0.7000	0.3000	0.7065	0.4053	0.7984
cas_N6512_RDkit_pattern_FP	0.7239	0.2761	0.7247	0.4480	0.7848
cas_N6512_rdkit_RDKITFP	0.6636	0.3364	0.6621	0.3241	0.8655
cas_N6512_rdkit_TORSION	0.6538	0.3462	0.6712	0.3218	0.8157
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9560	0.0440	0.4888	-0.0097	0.4865
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8457	0.1029	0.4123	0.1563	0.3146
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6995	0.3005	0.6730	0.3459	0.8339
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9669	0.0331	0.7595	0.4163	0.2252
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9970	0.0030	0.4992	-0.0010	0.4761
census	0.9385	0.0615	0.6484	0.2019	0.4411
census10%	0.9452	0.0548	0.6748	0.2249	0.3577
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S	0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia	0.5183	0.2409	0.3501	0.2834	0.3372
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9985	0.0015	0.7952	0.5448	0.5300
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8480	0.1520	0.7336	0.4225	0.5705
churn-bigml	0.8764	0.1236	0.7002	0.3443	0.5540
ci900367j_MACCS	0.6842	0.3158	0.6511	0.2289	0.7054
circles	0.0200	0.0196	0.0008	0.0101	0.3715
cirrhosis	0.6667	0.2222	0.4447	0.2967	0.4416
cjs	0.9714	0.0095	0.9716	0.9651	0.0472
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.5889	0.2056	0.3398	0.3162	0.3893
climate	0.8704	0.1296	0.5771	0.1525	0.6728
cll_sub_111	0.6667	0.2222	0.7500	0.4783	0.3555
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4286	0.3810	0.5619	0.2124	0.5090
cnae-9	0.5370	0.1029	0.5280	0.4792	0.3221
codon_usage	0.6846	0.0573	0.4185	0.6213	0.4071
coil20	0.5278	0.0472	0.5120	0.5027	0.1748
college	0.9091	0.0909	0.8839	0.7674	0.4467
collins	0.5000	0.0667	0.4013	0.4522	0.2661
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.6552	0.3448	0.6578	0.3029	0.8275
colposcopies-2	0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3	0.6552	0.3448	0.6372	0.2714	0.8780
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.7241	0.2759	0.4200	-0.0642	0.7721
column-2c	0.8710	0.1290	0.8634	0.7195	0.5250
column-3c	0.6129	0.2581	0.4667	0.2981	0.4258

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4969	0.5031	0.4896	-0.0194	0.9856
comedy_comparisons10%	0.5185	0.4815	0.5102	0.0050	0.6850
connect-4	0.9654	0.0231	0.5923	0.3745	0.2832
cottonmeloidogyne	0.6851	0.3149	0.6863	0.3693	0.8320
coupon	0.6483	0.3517	0.6333	0.2468	0.8472
covid19	0.2094	0.2259	0.1780	0.0220	0.3553
covtype	0.5722	0.1222	0.2755	0.3057	0.4088
covtype10%	0.4967	0.1438	0.2715	0.1051	0.3652
covtypeCD	0.9309	0.0691	0.8392	0.6434	0.3061
covtypeT	0.9512	0.0488	0.7867	0.5591	0.4634
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.7723	0.0759	0.4449	0.5617	0.3129
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.0938	0.0453	0.0614	0.0757	0.2235
customer-churn	0.9808	0.0192	0.6810	0.2870	0.3818
cybersecurity	0.1367	0.2878	0.0699	-0.0298	0.5790
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.7407	0.2593	0.7489	0.4316	0.5904
darwin	0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1058	0.1788	0.0617	0.0047	0.4986
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8233	0.1767	0.7067	0.3723	0.6324
defect	0.9167	0.0833	0.8398	0.6782	0.5009
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8952	0.1048	0.6850	0.3182	0.5562
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8919	0.0360	0.9031	0.8650	0.1043
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.7167	0.2833	0.7510	0.4333	0.5975
df_final	0.4375	0.3750	0.4242	0.1000	0.3937
DIA	0.7833	0.2167	0.6666	0.2353	0.5887
diabetes	0.8846	0.1154	0.8781	0.7562	0.4872
diabetes-100k	0.9422	0.0578	0.7856	0.4627	0.1540
diabetes-risk	0.8640	0.1360	0.7702	0.4969	0.5060
diabetic	0.4923	0.3385	0.3720	0.1306	0.5274
diabetic1%	0.4902	0.3399	0.3341	0.0547	0.5717
diabetic10%	0.4735	0.3510	0.3579	0.0991	0.5368
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.5332	0.1867	0.4770	0.3709	0.4358
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.4167	0.5833	0.4155	-0.1667	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9217	0.0783	0.7206	0.3677	0.4371
dota2	0.5443	0.4557	0.5381	0.0505	0.8396
dota210%	0.5243	0.4757	0.5095	0.0148	0.9172
drebin	0.9268	0.0732	0.9213	0.8397	0.3291
dropout	0.6727	0.2182	0.5145	0.3897	0.3262
drug-01	0.2287	0.2204	0.0854	0.0177	0.5201
drug-02	0.4468	0.1581	0.1631	0.1656	0.5278

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-03	0.4734	0.1505	0.1614	0.0813	0.3874
drug-04	0.3777	0.1778	0.1716	0.1133	0.5036
drug-05	0.4149	0.1672	0.1380	0.0186	0.3032
drug-06	0.1489	0.2432	0.1716	0.0283	0.6101
drug-07	0.4202	0.1657	0.1229	0.0084	0.3515
drug-08	0.2234	0.2219	0.1508	0.0353	0.5050
drug-09	0.6755	0.0927	0.1698	0.1787	0.1932
drug-10	0.2340	0.2188	0.1564	0.0735	0.5379
drug-11	0.5585	0.1261	0.1083	0.0313	0.3316
drug-12	0.4947	0.1444	0.1609	0.1200	0.3168
drug-13	0.4255	0.1641	0.2689	0.2363	0.5439
drug-14	0.3936	0.1733	0.1930	0.1596	0.5175
drug-15	0.5000	0.1429	0.1411	0.1100	0.3964
drug-16	0.4521	0.1565	0.2371	0.2477	0.4476
drug-17	0.3511	0.1854	0.1367	0.0772	0.5004
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.5160	0.1383	0.1363	0.0669	0.3646
drybean	0.8766	0.0353	0.8774	0.8515	0.2055
ecoli	0.6735	0.0872	0.3989	0.5642	0.2544
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2700	0.3650	0.2483	0.0261	0.6579
eeg	0.1647	0.1044	0.0941	0.0902	0.6276
eeg-eye	0.6429	0.3571	0.6422	0.2403	0.7888
eeg10%	0.1438	0.1070	0.0838	0.0645	0.5933
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4247	0.2301	0.4442	0.2932	0.5660
euthyroid	0.9620	0.0380	0.8927	0.7854	0.3952
exon.vs.intron-freq	0.8767	0.1233	0.8763	0.7526	0.4964
exon.vs.intron-freq10%	0.8687	0.1313	0.8690	0.7354	0.5045
fakenews	0.5050	0.4950	0.5061	0.0120	0.9889
farm-ads	0.7271	0.2729	0.7425	0.4355	0.6510
fbis-wc	0.3049	0.0818	0.2312	0.2289	0.4981
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5882	0.4118	0.5748	0.1384	0.9138
financial-risk	0.7145	0.0952	0.4553	0.5329	0.3578
fishcatch	0.8125	0.0625	0.8623	0.7659	0.1143
flags	0.4000	0.1500	0.2257	0.2500	0.2046
fonts	0.0017	0.0131	0.0003	-0.0002	0.4168
fonts10%	0.0026	0.0130	0.0005	0.0005	0.4134
forest	0.9231	0.0385	0.9063	0.8934	0.1031
gas	0.6506	0.1165	0.6580	0.5708	0.3474
gastrointestinal	0.6875	0.2083	0.7174	0.5000	0.3613
gender	0.5705	0.2863	0.4959	0.1298	0.5310
gene	0.8107	0.1262	0.7981	0.7015	0.3976
german	0.6700	0.3300	0.6059	0.1951	0.8568
gestures	0.3313	0.3343	0.3263	0.1073	0.5642
gina	0.8415	0.1585	0.8414	0.6828	0.5797
gisette	0.8957	0.1043	0.8958	0.7914	0.4436
glass	0.7143	0.0952	0.7115	0.6087	0.2279
glass-g2	0.7500	0.2500	0.8000	0.5294	0.5000
glassBWFP	0.7143	0.2857	0.6863	0.3636	0.8021
glassBWNFP	0.6667	0.3333	0.7042	0.3636	0.7218
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.6842	0.3158	0.6910	0.3736	0.8166
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.6000	0.2000	0.4000	0.4444	0.1161
glioma-grade	0.8810	0.1190	0.8813	0.7590	0.4804
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.0667	0.4667	0.0625	-0.2805	0.7503
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.6667	0.3333	0.4000	-0.1194	0.8874
hapt	0.6953	0.0508	0.4246	0.6388	0.1876
har	0.4648	0.2141	0.5138	0.3352	0.5238
har70	0.5721	0.1223	0.3959	0.4634	0.3066
har701%	0.5655	0.1241	0.4263	0.4582	0.2971
har7010%	0.5886	0.1176	0.4158	0.4843	0.2771
harth	0.5437	0.0760	0.2388	0.4152	0.2544
harth1%	0.5629	0.0728	0.2452	0.4305	0.3011
harth10%	0.5592	0.0735	0.2461	0.4273	0.2991
hayes-roth	0.5625	0.2917	0.4348	0.2911	0.5089
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.5800	0.2100	0.2786	0.1171	0.3447
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.7419	0.2581	0.7542	0.4918	0.7133
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.8940	0.1060	0.8768	0.7535	0.4817
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.8193	0.1807	0.8203	0.6387	0.6201
hepmass1%	0.8289	0.1711	0.8289	0.6577	0.6068
hepmass10%	0.8182	0.1818	0.8194	0.6367	0.6215
hERG-121inputs	0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.6326	0.3674	0.6315	0.2629	0.8983
higgs0.1%	0.6391	0.3609	0.6381	0.2761	0.8915
higgs1%	0.6389	0.3611	0.6379	0.2757	0.8918
higgs10%	0.6346	0.3654	0.6318	0.2570	0.8830
higher	0.3571	0.1607	0.3283	0.2674	0.2969
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8600	0.1400	0.7047	0.3346	0.5279
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.4722	0.3519	0.4149	0.1220	0.6626
hotel-reservartions	0.8214	0.1786	0.7894	0.5644	0.6091
hr	0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor	0.6651	0.2232	0.6790	0.4923	0.5242
ht-sensor10%	0.6619	0.2254	0.6799	0.4848	0.5288
htru2	0.9788	0.0212	0.9338	0.8658	0.2186
hypothyroid	0.9655	0.0172	0.6590	0.7889	0.1713
hypothyroidT	0.9814	0.0186	0.9314	0.8580	0.1669
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9180	0.0410	0.9237	0.8907	0.1144
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.2169	0.0602	0.2147	0.1856	0.3724
jm1	0.8118	0.1882	0.6145	0.1473	0.6182
jvowels	0.7801	0.0489	0.7841	0.7513	0.2420

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1	0.8389	0.1611	0.6041	0.1617	0.6701
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.5000	0.0417	0.0343	0.2097	0.0690
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7500	0.2500	0.5148	0.0231	0.8187
kdc-4007	0.2145	0.1964	0.2003	0.0817	0.4869
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9955	0.0004	0.2405	0.9923	0.0343
kddcup991%	0.9569	0.0037	0.1489	0.9276	0.0774
kddcup9910%	0.9708	0.0025	0.1714	0.9507	0.0718
kepler	0.7092	0.1939	0.6608	0.4678	0.4036
kidney	0.6982	0.1207	0.1931	0.0139	0.3303
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.1683	0.0924	0.1440	0.0869	0.5927
krvskp	0.9310	0.0690	0.9328	0.8623	0.3135
la1s-wc	0.2635	0.2455	0.1078	0.0120	0.5691
la2s-wc	0.2384	0.2539	0.0827	-0.0227	0.5973
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.0084	0.0357	0.0000	-0.0073	0.2768
led24	0.3500	0.1300	0.3492	0.2697	0.3190
lenses	1.0000	0.0000	0.9919	1.0000	0.0000
letter	0.1430	0.0659	0.1078	0.1063	0.4854
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.5833	0.0556	0.5523	0.5522	0.1805
linkage	0.9998	0.0002	0.9895	0.9787	0.0010
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9999	0.0001	0.9940	0.9880	0.0214
liver	0.5588	0.4412	0.5077	0.0154	0.9475
loan	0.9625	0.0375	0.9600	0.9200	0.2199
localization	0.1831	0.1485	0.1218	0.0951	0.5335
localization10%	0.1978	0.1459	0.1221	0.0991	0.5597
lrs	0.8302	0.0340	0.4161	0.7673	0.1425
lung	0.8571	0.0571	0.7509	0.7284	0.2017
lung_discrete	0.3750	0.1786	0.2597	0.2982	0.1275
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.8000	0.0800	0.5848	0.6117	0.3300
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7793	0.0959	0.4145	0.5946	0.2749
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.8936	0.1064	0.8904	0.7809	0.4568
madelon	0.6500	0.3500	0.6505	0.3000	0.8773
magic04	0.8175	0.1825	0.7940	0.5762	0.6155
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8221	0.6440	0.6197
marketing	0.8750	0.1250	0.6982	0.3360	0.5491
maternal	0.5743	0.2838	0.6160	0.3325	0.4914
math	0.7750	0.1125	0.7455	0.6613	0.3330
mba	0.8371	0.1086	0.3858	0.0616	0.2871
mental-disorders	0.7500	0.1250	0.7819	0.6667	0.2396
mental-health	0.1967	0.3213	0.1602	0.0026	0.5265
messidor	0.6174	0.3826	0.6267	0.2459	0.8840
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.8249	0.7097	0.1827
meter-D	0.7778	0.1111	0.6471	0.6897	0.2488
mfeat-fac	0.7100	0.0580	0.7464	0.6778	0.1996
mfeat-fou	0.4200	0.1160	0.3854	0.3556	0.4222
mfeat-kar	0.6500	0.0700	0.6753	0.6111	0.3376
mfeat-mor	0.3900	0.1220	0.3870	0.3222	0.2922
mfeat-pix	0.6100	0.0780	0.6223	0.5667	0.3476
mfeat-zer	0.5050	0.0990	0.5041	0.4500	0.3373
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8868	0.0755	0.8960	0.8248	0.2308
mines	0.5294	0.1882	0.5257	0.4087	0.3906
mobile	0.0175	0.0351	0.0012	-0.0001	0.3776
monks-1	0.9273	0.0727	0.9320	0.8549	0.2661
monks-2	0.7213	0.2787	0.6764	0.3457	0.8074
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.1050	0.1627	0.1626	0.0450	0.4612
musk	0.8970	0.1030	0.7756	0.4917	0.4118
MUT_ci300400a_cdk_ECFP2	0.6990	0.3010	0.7089	0.4056	0.7858
MUT_ci300400a_cdk_ECFP4	0.6707	0.3293	0.6804	0.3500	0.8218
MUT_ci300400a_cdk_ECFP6	0.6587	0.3413	0.6764	0.3348	0.8130
MUT_ci300400a_cdk_ESTATE	0.6787	0.3213	0.6627	0.3204	0.8470
MUT_ci300400a_cdk_EXTENDED	0.7074	0.2926	0.7162	0.4211	0.7777
MUT_ci300400a_cdk_FCFP2	0.6599	0.3401	0.6405	0.2466	0.8060
MUT_ci300400a_cdk_FCFP4	0.6703	0.3297	0.6517	0.2910	0.8429
MUT_ci300400a_cdk_FCFP6	0.6487	0.3513	0.6841	0.3303	0.7658
MUT_ci300400a_cdk_MACCS	0.7230	0.2770	0.7127	0.4246	0.7952
MUT_ci300400a_cdk_PUBCHEM	0.7246	0.2754	0.7187	0.4371	0.7908
MUT_ci300400a_cdk_STANDARD	0.7389	0.2611	0.7360	0.4703	0.7656
MUT_ci300400a_rdkit_descriptors	0.7419	0.2581	0.7406	0.4793	0.7592
myocardial	0.6941	0.0765	0.3697	0.2383	0.3495
naticusdroid	0.9359	0.0641	0.9373	0.8718	0.2959
NCI60	0.5000	0.1667	0.4375	0.4000	0.1756
nci9	0.0000	0.2222	0.0000	-0.2000	0.3023
ncRNA	0.6823	0.0334	0.1033	0.3641	0.4859
ncRNA1%	0.6110	0.0409	0.0761	0.2559	0.3694
ncRNA10%	0.6788	0.0338	0.1466	0.3609	0.5728
neo	0.9075	0.0925	0.6499	0.1247	0.3438
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0231	0.0444	0.0086	-0.0020	0.5428
newspop	0.6380	0.3620	0.6379	0.2753	0.8911
NHANES_age_prediction	0.9912	0.0088	0.9835	0.9670	0.1081
nomao	0.9240	0.0760	0.9074	0.8147	0.4023
NPHA-doctor-visits	0.5000	0.3333	0.3046	-0.0165	0.5418
nursery	0.8812	0.0475	0.5361	0.8238	0.1386
obesity	0.6209	0.1083	0.5850	0.5564	0.2824
obs	0.5185	0.2407	0.6229	0.3852	0.4250
occupancy	0.9883	0.0117	0.9840	0.9677	0.1315
Occupancy_Estimation	0.9901	0.0049	0.9681	0.9700	0.0457
oh0-wc	0.1386	0.1723	0.1235	0.0060	0.6040
oh10-wc	0.1905	0.1619	0.1577	0.0773	0.6425
oh15-wc	0.2174	0.1565	0.1218	0.0884	0.5539
oh5-wc	0.0879	0.1824	0.0538	-0.0382	0.6519
ohscal-wc	0.1263	0.1747	0.0570	-0.0017	0.5818
olive	0.8772	0.0273	0.8704	0.8455	0.0963

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.7313	0.0537	0.7388	0.7013	0.2776
optdigitsZ	0.9929	0.0071	0.9778	0.9553	0.0921
orl	0.1750	0.0413	0.1323	0.1538	0.2022
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7680	0.2320	0.7283	0.4265	0.6822
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8837	0.7626	0.4657
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9177	0.0329	0.6091	0.5900	0.3831
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.7346	0.2654	0.7259	0.4497	0.7743
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.8778	0.1222	0.8438	0.6840	0.5196
particle10%	0.8700	0.1300	0.8349	0.6679	0.5505
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.6644	0.2997	0.5774
pcmac	0.5773	0.4227	0.4764	-0.0062	0.6352
pcos	0.9933	0.0067	0.9896	0.9789	0.0328
pd	0.8289	0.1711	0.7498	0.4583	0.5776
pediatric-leukemia	0.6176	0.1092	0.5794	0.5352	0.2939
pendigits	0.8207	0.0359	0.8281	0.8008	0.1863
period	0.3333	0.6667	0.2500	-0.5000	1.0000
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7813	0.2187	0.7611	0.5139	0.6933
personalities	0.3055	0.0868	0.2964	0.2593	0.5093
pet-adoption	0.9000	0.1000	0.8861	0.7610	0.3790
phishing	0.9469	0.0531	0.9465	0.8905	0.2790
PhiUSIIL	0.9994	0.0006	0.9994	0.9988	0.0071
PhiUSIIL10%	0.9987	0.0013	0.9987	0.9974	0.0131
phone-acc	0.4224	0.1650	0.4399	0.3248	0.4619
phone-acc0.1%	0.4418	0.1595	0.4746	0.3484	0.4393
phone-acc1%	0.3932	0.1734	0.4461	0.2935	0.4641
phone-acc10%	0.3836	0.1761	0.4107	0.2817	0.4679
phone-gyr	0.4181	0.1663	0.4365	0.3197	0.4689
phone-gyr0.1%	0.3690	0.1803	0.4208	0.2637	0.4605
phone-gyr1%	0.3607	0.1827	0.4060	0.2550	0.4769
phone-gyr10%	0.4707	0.1512	0.4788	0.3813	0.4483
phoneme	0.7907	0.2093	0.7333	0.4646	0.7260
phy	0.6882	0.3118	0.6891	0.3767	0.8319
pima	0.7368	0.2632	0.7176	0.4154	0.7389
pirvision	0.9856	0.0096	0.9700	0.9541	0.0886
placement	0.7740	0.2260	0.7676	0.5352	0.7167
plant-growth	0.7368	0.2632	0.7389	0.4751	0.7624
plrx	0.4444	0.5556	0.4375	-0.1111	0.8920
poker	0.4279	0.1144	0.1588	0.0074	0.1852
poker1%	0.4351	0.1130	0.0975	0.0113	0.2900
poker10%	0.4793	0.1041	0.1045	0.0627	0.2656
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polya	0.7070	0.2930	0.6643	0.3173	0.8163
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6635	0.2301	0.2563	0.0091	0.2307
postures	0.6101	0.1560	0.6416	0.5119	0.4525
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7207	0.4412	0.7929
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.0998	0.0867	0.0442	0.0317	0.3255
processed	0.9254	0.0746	0.9200	0.8354	0.3779
profb	0.6716	0.3284	0.6027	0.1998	0.8783
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE	0.6364	0.3636	0.6333	0.2667	0.8952
puc-rio	0.8109	0.0756	0.7130	0.7412	0.2568
puc-rio10%	0.7839	0.0864	0.6267	0.7014	0.2785
pufs-128	0.5009	0.4991	0.5009	0.0019	0.9995
pufs-1281%	0.4947	0.5053	0.4947	-0.0107	1.0000
pufs-12810%	0.4954	0.5046	0.4954	-0.0091	1.0000
pufs-64	0.5025	0.4975	0.5025	0.0051	0.9979
pufs-641%	0.5158	0.4842	0.5159	0.0317	0.9902
pufs-6410%	0.4963	0.5037	0.4963	-0.0074	1.0000
pulsar	0.9800	0.0200	0.9382	0.8729	0.1690
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%	0.0167	0.0371	0.0067	-0.0039	0.4744
rcv110%	0.0161	0.0371	0.0043	-0.0100	0.5278
re0-wc	0.1733	0.1272	0.1330	0.0682	0.5199
re1-wc	0.0542	0.0757	0.0322	-0.0044	0.5495
rejafada	0.9698	0.0302	0.7232	0.2433	0.0927
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.2241	0.0239	0.0165	0.1138	0.4931
rice	0.9835	0.0165	0.9833	0.9667	0.1149
rnaseq	0.9375	0.0250	0.9479	0.9170	0.0982
rocket	0.6415	0.3585	0.6117	0.1841	0.8142
RT_IOT2022	0.8796	0.0201	0.5191	0.7024	0.0345
satimage	0.7745	0.0752	0.7448	0.7242	0.3194
satimageF	0.9813	0.0187	0.9504	0.8974	0.1179
satimageT	0.9160	0.0840	0.7148	0.3643	0.4701
scadi	0.5714	0.1224	0.3415	0.4167	0.1905
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.7059	0.2941	0.7119	0.4118	0.7818
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.7139	0.2861	0.7092	0.4178	0.8047
seeds	0.8095	0.1270	0.8213	0.7143	0.3535
segment	0.7489	0.0717	0.8236	0.7085	0.1046
segmentation	0.8465	0.1535	0.8405	0.6765	0.5770
segmentO	0.9913	0.0087	0.9834	0.9663	0.1466
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8688	0.1312	0.6189	0.0601	0.3732
sens-2-gram	0.8763	0.1237	0.6468	0.1701	0.4692
sens-3-gram	0.8632	0.1368	0.5884	0.1163	0.6103
sens-4-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-5-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-6-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sens-7-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-8-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-9-gram	0.8684	0.1316	0.5897	0.0557	0.4398

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sensorless	0.2511	0.1362	0.2588	0.1762	0.5039
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9035	0.0965	0.8055	0.6087	0.5524
shuttle	0.9971	0.0008	0.6278	0.9917	0.0610
sick	0.9708	0.0292	0.8844	0.7687	0.4140
sirtuin6	0.8000	0.2000	0.8000	0.6000	0.6644
skin	0.9712	0.0288	0.9572	0.9140	0.2466
skin10%	0.9677	0.0323	0.9512	0.9024	0.2532
smarket	0.9840	0.0160	0.9840	0.9680	0.1115
smart-farming	0.3000	0.3500	0.2625	0.0561	0.6460
smk_can_187	0.6842	0.3158	0.6841	0.3596	0.8222
smoking	0.7310	0.2690	0.7309	0.4522	0.7564
soil_pollution	0.2133	0.3147	0.2335	0.0164	0.4802
solar-flare	0.6547	0.1151	0.4872	0.5587	0.1789
sonar	0.4500	0.5500	0.4475	-0.1000	1.0000
soybean	0.7206	0.0294	0.6385	0.6936	0.1034
spam-detection	0.9565	0.0435	0.8653	0.7297	0.4220
spambase	0.8913	0.1087	0.8860	0.7679	0.4382
spect	0.6667	0.3333	0.5950	0.1818	0.8134
spectf	0.6857	0.3143	0.6034	0.2062	0.8701
spectrometer	0.0755	0.0385	0.0283	0.0406	0.2374
splice-EI	0.9274	0.0726	0.9097	0.8161	0.4123
splice-IE	0.8265	0.1735	0.7327	0.4337	0.6232
sport-articles	0.8200	0.1800	0.8069	0.6139	0.6416
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.2000	0.5333	0.1111	-0.1765	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7880	0.1414	0.7446	0.6528	0.4062
steel-b	0.8256	0.1744	0.7195	0.4345	0.7007
steel-d	0.9744	0.0256	0.7677	0.5324	0.5024
steel-k	0.9692	0.0308	0.9524	0.9001	0.1086
steel-o	0.7436	0.2564	0.7066	0.4072	0.7734
steel-p	0.9128	0.0872	0.6672	0.3253	0.6351
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9590	0.0410	0.8834	0.7667	0.4153
stellar	0.8789	0.0807	0.8577	0.7881	0.3396
stock	0.8611	0.1389	0.7725	0.5443	0.6484
stockb	0.9912	0.0059	0.9913	0.9868	0.0273
streaming	0.8820	0.1180	0.8814	0.7623	0.4834
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4200	0.2320	0.3173	0.2231	0.3985
student-depression	0.8108	0.1892	0.8033	0.6015	0.6343
student-habits	0.3300	0.2680	0.1553	-0.0497	0.5175
student-weekend	0.2154	0.3138	0.1895	-0.0076	0.7084
student-workday	0.6406	0.1437	0.2304	0.2432	0.5808
studentap	0.6154	0.2564	0.6546	0.3981	0.4390
susy	0.7637	0.2363	0.7623	0.5174	0.7109
susy1%	0.7626	0.2374	0.7604	0.5170	0.7219
susy10%	0.7642	0.2358	0.7629	0.5183	0.7088
swarm_aligned	0.9817	0.0183	0.9787	0.9567	0.0962
swarm_flocking	0.9380	0.0620	0.9394	0.8759	0.2868
swarm_grouped	0.9900	0.0100	0.9894	0.9786	0.0653
tae	0.4000	0.4000	0.4835	0.1000	0.5452
telco-churn	0.8707	0.1293	0.8259	0.6398	0.5153
texture	0.8164	0.0334	0.8454	0.7973	0.1326
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9634	0.0366	0.4907	-0.0183	0.5938

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.8526	0.1474	0.8328	0.6427	0.4852
tis	0.8915	0.1085	0.8485	0.6924	0.4916
tis10%	0.8731	0.1269	0.8187	0.6237	0.5167
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6375	0.1126	0.4144	0.5031	0.0899
tox_171	0.6471	0.1765	0.6498	0.5300	0.3306
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.7647	0.2353	0.7536	0.3929	0.4155
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.5547	0.1085	0.8742
trec11-wc	0.1463	0.1897	0.1476	0.0440	0.4818
trec12-wc	0.2581	0.1855	0.1659	0.1284	0.5070
trec21-wc	0.2121	0.2626	0.1930	0.0814	0.2333
trec23-wc	0.6190	0.1270	0.3346	0.4528	0.3346
trec31-wc	0.3871	0.1751	0.3521	0.2566	0.4517
trec41-wc	0.1591	0.1682	0.1964	0.0886	0.4851
trec45-wc	0.2319	0.1536	0.2003	0.1479	0.4834
tuandromd	0.9686	0.0314	0.9522	0.9042	0.2634
turkish	0.5750	0.2125	0.5956	0.4333	0.4438
tvnews	0.7984	0.2016	0.7776	0.5499	0.6711
tvnews1%	0.8846	0.1154	0.8750	0.7446	0.4558
tvnews10%	0.8412	0.1588	0.8284	0.6567	0.5965
ur3_cobotops_grip	0.9701	0.0299	0.6868	0.3011	0.4026
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7164	0.0630	0.6994	0.6675	0.2125
urinalysis	0.9510	0.0490	0.7039	0.3436	0.4349
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7381	0.1310	0.7052	0.6449	0.2732
vehicleVAN	0.9643	0.0357	0.9565	0.9091	0.2605
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.8140	0.1860	0.8202	0.6293	0.5994
vowel	0.2929	0.1286	0.3110	0.2222	0.3733
vowelZ	0.9495	0.0505	0.8400	0.6784	0.4613
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.1987	0.0801	0.0859	0.1394	0.4305
warpar10p	0.2308	0.1538	0.1591	0.1503	0.2501
warppie10p	0.6667	0.0667	0.6260	0.6297	0.1495
watch-acc	0.5024	0.1422	0.5409	0.4214	0.4007
watch-acc1%	0.5202	0.1371	0.5109	0.4419	0.4039
watch-acc10%	0.3958	0.1726	0.4249	0.2982	0.4764
watch-gyr	0.5280	0.1349	0.4815	0.4494	0.3708
watch-gyr1%	0.4239	0.1646	0.4418	0.3293	0.4480
watch-gyr10%	0.5221	0.1365	0.5047	0.4422	0.4092
water_pollution	0.2833	0.3583	0.2727	0.0404	0.5829
waveform	0.6780	0.2147	0.6873	0.5163	0.5549
weather-related	0.6308	0.0671	0.6401	0.5837	0.2331
web-phishing	0.7852	0.1432	0.6265	0.6087	0.5102
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.4219	0.2312	0.4107	0.2738	0.5379
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9800	0.0100	0.9807	0.9733	0.0350
wilt	0.9752	0.0248	0.8590	0.7144	0.3739
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5094	0.1635	0.2581	0.2139	0.4174
winequality-white	0.3292	0.1916	0.1640	0.0400	0.3640

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
winnipeg	0.9087	0.0261	0.7708	0.8838	0.1256
winnipeg10%	0.9156	0.0241	0.7944	0.8935	0.1327
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.2500	0.1000	0.2286	0.1933	0.2011
yeast	0.4459	0.1108	0.3148	0.2553	0.3781
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.5527	0.0895	0.5179	0.4984	0.4239

Table 279: Detailed results for CUBIST(C)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2000	0.0762	0.1914	0.1252	0.5673
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer	0.9803	0.0197	0.7306	0.4606	0.5522
accident	0.4500	0.5500	0.4246	-0.1000	0.9438
ads	0.9634	0.0366	0.9208	0.8331	0.1869
adult	0.8462	0.1538	0.7692	0.4762	0.4748
advanced-iot	0.9990	0.0003	0.9990	0.9988	0.0025
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7500	0.2500	0.5869	0.1649	0.7334
AID1284red	0.6944	0.3056	0.5563	0.1000	0.7073
AID1608Morered	0.8835	0.1165	0.4691	-0.0600	0.6992
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9790	0.0210	0.4947	-0.0094	0.5789
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604	0.9992	0.0008	0.9450	0.8885	0.3001
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.5000	0.5000	0.4553	-0.0870	0.9393
AID644red	0.6000	0.4000	0.5669	0.1304	0.8900
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.5303	0.0526	0.7987
AID721red	0.5556	0.4444	0.5303	0.0526	0.7987
AID746AID1284red	0.9988	0.0012	0.6219	0.2217	0.4869
AID746red	0.9916	0.0084	0.5392	0.0703	0.5441
aids	0.8451	0.1549	0.7779	0.4741	0.3988
airline	0.9364	0.0636	0.9358	0.8694	0.2936
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
anneal	0.9888	0.0045	0.9858	0.9759	0.0146
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9416	0.0292	0.8340	0.8890	0.1500
anuran-genus	0.8915	0.0271	0.6782	0.8217	0.2634
anuran-species	0.8806	0.0239	0.7224	0.8333	0.1761
apple-quality	0.7900	0.2100	0.8051	0.5800	0.5814
aps-failure	0.9888	0.0112	0.8148	0.5994	0.2818
arabidopsis0.1%	0.9735	0.0265	0.4933	-0.0119	0.4249
arabidopsis1%	0.9812	0.0188	0.4952	-0.0093	0.4890
arcene	0.6000	0.4000	0.5669	0.1304	0.9336
arrhythmia	0.5333	0.0933	0.3205	0.3250	0.3915
auction	0.9657	0.0343	0.9196	0.8257	0.1098
audiology	0.7727	0.0413	0.7138	0.7304	0.1093
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0600	0.8370	0.7973	0.1241
avila	0.7935	0.0344	0.7031	0.7276	0.2333
babies	0.3468	0.1866	0.0745	-0.0103	0.3194
balance	0.8065	0.1290	0.6560	0.6743	0.2635
bank	0.9051	0.0949	0.7053	0.3234	0.4506
banknote	0.9781	0.0219	0.9779	0.9556	0.1390
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8433	0.1567	0.8349	0.6290	0.4184
basehock	0.8995	0.1005	0.9024	0.7989	0.4005
bio	0.9962	0.0038	0.8809	0.7424	0.1420
bio10%	0.9945	0.0055	0.8235	0.6337	0.3330
biodeg	0.8190	0.1810	0.8148	0.5822	0.4659
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin	0.9761	0.0022	0.0912	0.2159	1.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9819	0.0033	0.2448	0.2934	0.7798
body-perf	0.4970	0.2515	0.5288	0.3294	0.5202
breast-cancer	0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co	0.4545	0.5455	0.3125	-0.1786	0.9552
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.4545	0.1818	0.4194	0.3465	0.2343
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
car	0.8966	0.0517	0.7212	0.7713	0.1633
card	0.8406	0.1594	0.8488	0.6834	0.5371
cardiotocography	0.6009	0.0798	0.5141	0.5254	0.3782
cardiotocography-nsp	0.9155	0.0563	0.8567	0.7753	0.3643
cardiovascular	0.7188	0.2812	0.7306	0.4374	0.7313
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8500	0.1000	0.7664	0.7219	0.2876
cas_N6512_cdk_ECFP2	0.6621	0.3379	0.6958	0.3450	0.7352
cas_N6512_rdkit_ATOMPAIR	0.6662	0.3338	0.7045	0.3540	0.7072
cas_N6512_RDkit_AtomPair_FP	0.6442	0.3558	0.6775	0.3106	0.7601
cas_N6512_rdkit_AVALON	0.6928	0.3072	0.7276	0.4040	0.6828
cas_N6512_RDkit_Avalon_FP	0.6917	0.3083	0.7327	0.4034	0.6518
cas_N6512_rdkit_descriptors	0.6923	0.3077	0.7290	0.4034	0.6734
cas_N6512_rdkit_FEATMORGAN	0.6636	0.3364	0.6979	0.3481	0.7303
cas_N6512_RDkit_Featmorgan_FP	0.6825	0.3175	0.7234	0.3858	0.6679
cas_N6512_RDkit_FP	0.6503	0.3497	0.6879	0.3237	0.7330
cas_N6512_rdkit_LAYERED	0.6738	0.3262	0.7106	0.3682	0.7031
cas_N6512_RDkit_Layered_FP	0.6902	0.3098	0.7210	0.3975	0.7066
cas_N6512_rdkit_MACCS	0.7235	0.2765	0.7448	0.4588	0.6992
cas_N6512_RDkit_MACCS_FP	0.7285	0.2715	0.7525	0.4693	0.6765
cas_N6512_rdkit_MORGAN	0.7062	0.2938	0.7389	0.4288	0.6701
cas_N6512_RDkit_morgan_FP	0.6503	0.3497	0.6908	0.3246	0.7196
cas_N6512_rdkit_PATTERN	0.6908	0.3092	0.7278	0.4006	0.6743
cas_N6512_RDkit_pattern_FP	0.6963	0.3037	0.7352	0.4116	0.6549
cas_N6512_rdkit_RDKITFP	0.6283	0.3717	0.6667	0.2820	0.7566
cas_N6512_rdkit_TORSION	0.6723	0.3277	0.7123	0.3662	0.6894
ccds1%	0.8901	0.1099	0.4978	-0.0039	0.5182
ccds10%	0.9380	0.0620	0.5860	0.1720	0.6229
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6891	0.3109	0.7384	0.4166	0.6528

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7844	0.4877	0.2146
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
census10%	0.9502	0.0498	0.7243	0.2928	0.2202
central-nervous-system	0.0000	1.0000	0.0000	-0.8000	0.9183
cervical-B	0.9186	0.0814	0.4788	-0.0203	0.5749
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9419	0.0581	0.6302	0.2561	0.6215
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
chrom19	0.9997	0.0003	0.9216	0.8372	0.1315
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9995	0.0005	0.8570	0.6664	0.0031
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9277	0.0723	0.6796	0.3030	0.5106
churn	0.8320	0.1680	0.7414	0.4827	0.6934
ci900367j_MACCS	0.7158	0.2842	0.6914	0.3187	0.6780
circles	0.9840	0.0003	0.9850	0.9838	0.0050
cirrhosis	0.6667	0.2222	0.4817	0.3988	0.4941
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.5889	0.2056	0.4453	0.3591	0.4520
climate	0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111	0.5000	0.3333	0.5385	0.2000	0.5668
cm1	0.8400	0.1600	0.4565	-0.0811	0.7590
cmc	0.4830	0.3447	0.5180	0.2312	0.6110
cnae-9	0.7222	0.0617	0.7341	0.6875	0.2358
codon_usage	0.6692	0.0601	0.5235	0.6112	0.3762
coil20	0.6042	0.0396	0.5946	0.5832	0.2274
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.6009	0.1989	0.8928
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.4483	0.5517	0.3966	-0.1959	1.0000
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6	0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c	0.7586	0.2414	0.6226	0.2281	0.7911
column-2c	0.7742	0.2258	0.7354	0.4694	0.7392
column-3c	0.7742	0.1505	0.7301	0.6291	0.3125
connect-4	0.9987	0.0009	0.9807	0.9706	0.1459
cottonmeloidogyne	0.6418	0.3582	0.7042	0.2884	0.5589
coupon	0.6609	0.3391	0.6714	0.2451	0.6473
covid19	0.4891	0.1460	0.2241	0.1465	0.4559
covtype10%	0.7107	0.0827	0.5074	0.5459	0.4414
covtypeCD	0.9737	0.0263	0.9496	0.8956	0.3080
covtypeT	0.9769	0.0231	0.9045	0.7990	0.1971
crabs	0.7000	0.1500	0.7129	0.6000	0.2508
creditcard_trans	0.9993	0.0007	0.8798	0.7404	0.1357
creditcard_trans10%	0.9989	0.0011	0.8234	0.5710	0.0057
crowdsourced	0.7594	0.0802	0.6352	0.5595	0.2882
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.1250	0.0547	0.0761	0.0968	0.1708
customer-churn	0.9828	0.0172	0.7343	0.4266	0.3926
cyclopentane	0.6667	0.3333	0.7089	0.3622	0.7010
cylinder-bands	0.6481	0.3519	0.6855	0.3294	0.7573
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
default	0.8113	0.1887	0.6783	0.2802	0.5983
defect	0.9630	0.0370	0.9289	0.8510	0.1820
deposit	0.8987	0.1013	0.6929	0.2929	0.4626
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8649	0.0450	0.8698	0.8300	0.1231
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.8833	0.1167	0.8888	0.7667	0.4224
df_final	0.5625	0.2917	0.6018	0.3086	0.5254
DIA	0.8000	0.2000	0.7037	0.3846	0.6952
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-risk	0.9173	0.0827	0.8759	0.7516	0.4731
diabetic1%	0.5294	0.3137	0.2323	-0.0132	0.4171
diabetic10%	0.5599	0.2934	0.3558	0.0969	0.4946
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6531	0.1387	0.6318	0.5094	0.3581
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5833	0.4167	0.5598	0.1176	0.9466
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9966	0.0034	0.4991	-0.0010	0.4549
dorothea	0.9217	0.0783	0.7206	0.3677	0.4371
dota2	0.5217	0.4783	0.5676	0.0809	0.7682
dota210%	0.5214	0.4786	0.5717	0.0812	0.7477
dropout	0.7201	0.1866	0.6114	0.5068	0.4593
drug-01	0.3138	0.1960	0.1081	-0.0251	0.4850
drug-02	0.3245	0.1930	0.0940	-0.0544	0.5779
drug-03	0.6862	0.1046	0.1569	0.0388	0.2843
drug-04	0.3883	0.1748	0.1031	-0.0381	0.5063
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.1436	0.2447	0.1711	0.0219	0.6418
drug-07	0.4309	0.1897	0.1004	0.0000	0.2655
drug-08	0.5160	0.1383	0.1471	0.1513	0.3777
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.4628	0.1535	0.1774	0.1511	0.5600
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5479	0.1292	0.1977	0.2619	0.5155
drug-14	0.4840	0.1474	0.1798	0.1459	0.4859
drug-15	0.7340	0.0760	0.2167	0.1552	0.4172
drug-16	0.5479	0.1507	0.2609	0.2819	0.4262
drug-17	0.3085	0.1976	0.1208	0.0709	0.4191
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7606	0.0684	0.1238	0.0046	0.3885
drybean	0.8193	0.0516	0.8193	0.7835	0.2363
ecoli	0.7059	0.0980	0.4730	0.5771	0.2470
ecoliCP-IM	0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9091	0.0909	0.6822	0.3529	0.6260
eeg	0.2108	0.0987	0.2191	0.1418	0.7133
eeg-eye	0.7764	0.2236	0.7971	0.5272	0.4744
eeg10%	0.1810	0.1024	0.1327	0.1072	0.7402
email_phishing	0.9872	0.0128	0.6679	0.0682	0.0796
eucalyptus	0.4521	0.2192	0.4438	0.3082	0.5052
euthyroid	0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq10%	0.9192	0.0808	0.9229	0.8367	0.3015

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
farm-ads	0.8164	0.1836	0.8272	0.6369	0.5721
fbis-wc	0.4878	0.0603	0.3572	0.4286	0.4576
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.6471	0.3529	0.6930	0.2337	0.4961
fishcatch	0.5625	0.1458	0.4219	0.4563	0.2399
flags	0.3000	0.2000	0.1661	0.1223	0.4319
fonts10%	0.1161	0.0116	0.0344	0.1006	1.0000
forest	0.8654	0.0673	0.8408	0.8143	0.2067
gas	0.9202	0.0266	0.9167	0.9034	0.1270
gastrointestinal	0.7500	0.1667	0.7618	0.5733	0.3804
gender	0.5979	0.2681	0.3550	0.0595	0.4306
gene	0.8612	0.0925	0.8495	0.7828	0.2998
german	0.7000	0.3000	0.6613	0.1914	0.5773
gestures	0.5942	0.2029	0.6222	0.4592	0.4411
gina	0.8559	0.1441	0.8653	0.7130	0.4698
gisette	0.9329	0.0671	0.9350	0.8657	0.2936
glass	0.6190	0.1270	0.3286	0.4598	0.2808
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP	0.6667	0.3333	0.6687	0.3226	0.8108
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.7619	0.2381	0.4324	-0.0825	0.3983
GlaucomaM	0.8421	0.1579	0.8623	0.6885	0.4011
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.6000	0.2667	0.4912	0.4118	0.2946
glioma-grade	0.8333	0.1667	0.8297	0.6456	0.5506
green	0.7000	0.3000	0.7674	0.4444	0.5283
grub-damage	0.3333	0.3333	0.2192	0.0566	0.4374
gsalc	0.5556	0.1481	0.4545	0.4545	0.2040
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.8280	0.0287	0.5428	0.7968	0.1843
har	0.8522	0.0591	0.8444	0.8119	0.1703
har70	0.7500	0.0714	0.4957	0.6582	0.3884
har701%	0.7593	0.0688	0.5006	0.6658	0.4325
har7010%	0.7102	0.0828	0.4683	0.6012	0.4439
harth	0.7420	0.0430	0.4267	0.6560	0.3265
harth1%	0.7185	0.0469	0.4392	0.6253	0.3337
harth10%	0.7402	0.0433	0.4260	0.6535	0.3178
hayes-roth	0.7500	0.1667	0.7333	0.5844	0.2718
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7037	0.2963	0.6928	0.3292	0.6996
heart-attack	0.7742	0.2258	0.7813	0.5293	0.6121
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.9760	0.0240	0.9723	0.9431	0.1008
heart-quantum	0.9400	0.0600	0.9384	0.8760	0.3123
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.7941	0.2059	0.8102	0.5870	0.5608
hepmass10%	0.7954	0.2046	0.8117	0.5899	0.5568
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.5955	0.4045	0.6510	0.2213	0.7065
higgs1%	0.6319	0.3681	0.6789	0.2880	0.7056
higgs10%	0.6376	0.3624	0.6818	0.2971	0.7091
higher	0.2143	0.1964	0.1270	0.0833	0.3296

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa	0.8516	0.1484	0.6858	0.2249	0.4240
hiva	0.9480	0.0520	0.5942	0.1875	0.6199
horse	0.5278	0.3148	0.2303	0.0000	0.3606
ht-sensor	0.9828	0.0114	0.9834	0.9742	0.0545
ht-sensor10%	0.9803	0.0131	0.9811	0.9703	0.0607
htru2	0.9765	0.0235	0.9259	0.8464	0.1849
hypothyroid	0.9788	0.0106	0.6636	0.8733	0.0900
hypothyroidT	0.9947	0.0053	0.9811	0.9614	0.0242
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.6667	0.3333	0.5950	0.1818	0.8134
instagram	0.9693	0.0153	0.9694	0.9591	0.0682
ionosphere	0.8286	0.1714	0.8130	0.6209	0.6275
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.3415	0.0507	0.3493	0.3151	0.4880
jm1	0.8136	0.1864	0.6218	0.0957	0.4856
jvowels	0.6616	0.0752	0.6585	0.6168	0.3058
kc1	0.8389	0.1611	0.5687	0.0669	0.5823
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.5385	0.1846	0.2778	0.2200	0.4991
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.8462	0.1538	0.7441	0.4680	0.6202
kdc-4007	0.3491	0.1860	0.4123	0.2416	0.5536
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9972	0.0004	0.8159	0.9952	0.0599
kepler	0.8201	0.1199	0.7862	0.6914	0.2871
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9500	0.0500	0.9467	0.8933	0.2764
krkopt	0.3779	0.0691	0.3434	0.3152	0.4789
krvskp	0.9749	0.0251	0.9752	0.9496	0.1429
la1s-wc	0.6317	0.1228	0.6051	0.5458	0.4375
la2s-wc	0.6291	0.1236	0.6056	0.5443	0.4450
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.2647	0.0639	0.2609	0.2329	0.2132
led24	0.6000	0.0889	0.6202	0.5467	0.2165
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.4065	0.0457	0.4055	0.3827	0.4603
leukemia	0.5714	0.2857	0.6377	0.3824	0.3358
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.3333	0.0889	0.3321	0.2859	0.2679
linkage	1.0000	0.0000	0.9986	0.9971	0.0117
linkage1%	0.9991	0.0009	0.9418	0.8833	0.2702
linkage10%	0.9999	0.0001	0.9964	0.9928	0.0211
liver	0.5000	0.5000	0.5852	0.1269	0.7690
loan	0.9859	0.0141	0.9852	0.9699	0.0723
localization	0.5456	0.0826	0.3853	0.4524	0.5713
localization10%	0.4879	0.0931	0.3082	0.3837	0.6287
lrs	0.6415	0.1024	0.4780	0.5312	0.2590
lung	0.7619	0.0952	0.3355	0.4262	0.1570
lung_discrete	0.5000	0.2000	0.5829	0.3725	0.3089
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8000	0.0800	0.4960	0.5580	0.2428
lung-cancer-harvard2	0.8889	0.1111	0.8615	0.6842	0.5000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2	0.4444	0.1852	0.1481	0.2105	0.2142
machine-failure	0.9255	0.0745	0.9272	0.8494	0.3379
madelon	0.6654	0.3346	0.6963	0.3308	0.7000
magic04	0.8269	0.1731	0.8123	0.5789	0.4665
mammography	0.7604	0.2396	0.7669	0.5245	0.7058
maternal	0.7327	0.1782	0.7560	0.5944	0.4284
messidor	0.5739	0.4261	0.6270	0.2013	0.7798
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.6186	0.6842	0.2394
meter-D	0.7222	0.1389	0.6205	0.6186	0.2472
mfeat-fac	0.6650	0.0670	0.6763	0.6278	0.3013
mfeat-fou	0.4900	0.1020	0.4907	0.4333	0.4125
mfeat-kar	0.5050	0.0990	0.5146	0.4500	0.4149
mfeat-mor	0.5350	0.0930	0.5635	0.4833	0.3099
mfeat-pix	0.6500	0.0700	0.6578	0.6111	0.3308
mfeat-zer	0.3850	0.1230	0.3805	0.3167	0.4609
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.3529	0.2588	0.2249	0.1789	0.4108
mobile	0.0629	0.0335	0.0672	0.0459	0.4364
monks-1	0.8727	0.1273	0.8730	0.7455	0.5039
monks-2	0.9508	0.0492	0.9452	0.8898	0.2625
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3000	0.1273	0.3012	0.1744	0.6219
musk	0.9348	0.0652	0.8673	0.7017	0.2187
MUT_ci300400a_cdk_ECFP2	0.6787	0.3213	0.7280	0.3941	0.6628
MUT_ci300400a_cdk_ECFP4	0.7473	0.2527	0.7674	0.5075	0.6736
MUT_ci300400a_cdk_ECFP6	0.6946	0.3054	0.7411	0.4220	0.6469
MUT_ci300400a_cdk_ESTATE	0.7230	0.2770	0.7501	0.4651	0.6855
MUT_ci300400a_cdk_EXTENDED	0.7638	0.2362	0.7889	0.5421	0.6172
MUT_ci300400a_cdk_FCFP2	0.7102	0.2898	0.7450	0.4452	0.6739
MUT_ci300400a_cdk_FCFP4	0.7422	0.2578	0.7634	0.4983	0.6776
MUT_ci300400a_cdk_FCFP6	0.7122	0.2878	0.7457	0.4483	0.6763
MUT_ci300400a_cdk_MACCS	0.7854	0.2146	0.7988	0.5775	0.6317
MUT_ci300400a_cdk_PUBCHEM	0.8024	0.1976	0.8066	0.6047	0.6390
MUT_ci300400a_cdk_STANDARD	0.7150	0.2850	0.7516	0.4552	0.6567
MUT_ci300400a_rdkit_descriptors	0.8008	0.1992	0.8087	0.6047	0.6267
myocardial	0.7941	0.0515	0.3501	0.3540	0.4270
naticusdroid	0.9611	0.0389	0.9615	0.9223	0.2118
NCI60	1.0000	0.0000	1.0000	1.0000	0.0000
nci9	0.3333	0.2222	0.2857	0.2000	0.2042
ncRNA	0.8954	0.0110	0.5851	0.7391	0.7334
ncRNA1%	0.8213	0.0188	0.2391	0.5525	0.9128
ncRNA10%	0.8708	0.0136	0.4817	0.6819	0.9208
neo	0.9122	0.0878	0.6770	0.2196	0.3867
new-thyroid	0.9524	0.0317	0.9026	0.8939	0.0573
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.3130	0.0312	0.2930	0.2950	0.4974
newspop	0.5906	0.4094	0.6257	0.2073	0.8038
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9364	0.0636	0.9218	0.8346	0.2411
NPHA-doctor-visits	0.2917	0.4722	0.2272	-0.1551	0.5730
nursery	0.9637	0.0181	0.9417	0.9470	0.1049

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9883	0.0117	0.9835	0.9669	0.0931
Occupancy_Estimation	0.9931	0.0035	0.9763	0.9789	0.0155
oh0-wc	0.6139	0.0772	0.6448	0.5583	0.2908
oh10-wc	0.5429	0.0914	0.5177	0.4778	0.3878
oh15-wc	0.5109	0.0978	0.5254	0.4450	0.3909
oh5-wc	0.6154	0.0769	0.6446	0.5647	0.3511
ohscal-wc	0.4606	0.1079	0.4602	0.3987	0.5558
olive	0.8421	0.0351	0.7752	0.8042	0.1240
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9075	0.0925	0.5964	0.1269	0.5487
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.5961	0.0808	0.6085	0.5518	0.3297
optdigitsZ	0.9751	0.0249	0.9339	0.8613	0.3705
orl	0.1750	0.0413	0.1273	0.1538	0.1503
orlraws10P	0.3000	0.1400	0.1680	0.2222	0.1932
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr	0.9130	0.0870	0.5732	0.1182	0.6281
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7216	0.2784	0.7323	0.4415	0.7298
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8945	0.7791	0.4162
p53-mutants	0.9952	0.0048	0.6446	0.2089	0.3604
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9488	0.0205	0.5820	0.6988	0.2157
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8746	0.1254	0.8724	0.7224	0.4847
particle10%	0.8569	0.1431	0.8523	0.6833	0.5335
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9009	0.0991	0.6073	0.2138	0.6764
pcmac	0.4433	0.5567	0.4946	-0.0072	0.8647
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.8155	0.6190	0.6119
pediatric-leukemia	0.5294	0.1345	0.5415	0.4262	0.3875
pendigits	0.8126	0.0375	0.8164	0.7915	0.1955
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.7778	0.2222	0.7500	0.5000	0.7296
phishing	0.9510	0.0490	0.9486	0.8961	0.2464
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.7312	0.0768	0.7156	0.6855	0.2412
phone-acc1%	0.7133	0.0819	0.7129	0.6647	0.2443
phone-gyr0.1%	0.8406	0.0455	0.8364	0.8133	0.1502
phone-gyr1%	0.8215	0.0510	0.8147	0.7911	0.1893
phone-gyr10%	0.8494	0.0430	0.8466	0.8237	0.1646
phoneme	0.8519	0.1481	0.8103	0.5824	0.4668
phy	0.6582	0.3418	0.6912	0.3142	0.6931
pima	0.6711	0.3289	0.6982	0.3667	0.7647
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7580	0.2420	0.7625	0.4680	0.5832
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5639	0.1246	0.1642	0.1661	0.2988
poker10%	0.5518	0.1120	0.1407	0.1268	0.2587
polish-1st	0.9787	0.0213	0.8349	0.6061	0.0714
polish-2nd	0.9685	0.0315	0.7455	0.3245	0.0960
polish-3rd	0.9610	0.0390	0.7278	0.3362	0.2673
polish-4th	0.9602	0.0398	0.7586	0.4625	0.3649
polish-5th	0.9662	0.0338	0.8534	0.6802	0.2489
polya	0.6411	0.3589	0.6998	0.3377	0.6951

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
popularity	0.6000	0.2667	0.4170	0.2390	0.4688
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.7828	0.0869	0.7911	0.7283	0.2325
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7340	0.4118	0.6570
prestige	0.5556	0.2963	0.6844	0.3793	0.3611
primary-tumor	0.2424	0.1166	0.1750	0.1658	0.4086
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6716	0.3284	0.6857	0.3466	0.7762
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio	0.9125	0.0350	0.8554	0.8827	0.1565
puc-rio10%	0.8696	0.0521	0.7843	0.8252	0.1998
pufs-1281%	0.4983	0.5017	0.4965	-0.0030	0.7868
pufs-12810%	0.5003	0.4997	0.5009	0.0006	0.7511
pufs-641%	0.4996	0.5004	0.4983	-0.0015	0.7962
pufs-6410%	0.5019	0.4981	0.5034	0.0033	0.8074
pulsar	0.9777	0.0223	0.9303	0.8521	0.1126
raisin	0.8444	0.1556	0.8533	0.6889	0.5001
re0-wc	0.4600	0.0831	0.2984	0.3620	0.5707
re1-wc	0.4458	0.0443	0.2843	0.4006	0.4420
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.5506	0.0187	0.1126	0.3574	0.3514
rice	0.9824	0.0176	0.9823	0.9644	0.1090
rnaseq	0.9625	0.0150	0.9440	0.9502	0.0485
rocket	0.6154	0.3846	0.6746	0.2870	0.7235
RT_IOT2022	0.9942	0.0010	0.8103	0.9855	0.0267
satimage	0.7729	0.0757	0.7429	0.7224	0.2835
satimageF	0.9798	0.0202	0.9461	0.8881	0.1227
satimageT	0.8958	0.1042	0.8127	0.5832	0.5688
scadi	0.5714	0.1714	0.5647	0.4474	0.2231
schiller	0.5556	0.4444	0.3571	-0.2857	0.9011
schizo	0.5588	0.4412	0.5700	0.1176	0.8809
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9423	0.0577	0.7022	0.1722	0.1514
secondary_mushroom	0.9943	0.0057	0.9942	0.9884	0.0405
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.8745	0.0359	0.8823	0.8536	0.1299
segmentation	0.7475	0.2525	0.7159	0.3740	0.6472
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9748	0.0252	0.9351	0.8683	0.3377
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-10-gram	0.8635	0.1365	0.5497	0.0225	0.4461
sens-2-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-3-gram	0.8579	0.1421	0.5100	0.0077	0.5788
sens-4-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-5-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-6-gram	0.8579	0.1421	0.5100	0.0077	0.5788
sens-7-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-8-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-9-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sensorless	0.7841	0.0393	0.7902	0.7625	0.1706
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8865	0.1135	0.7463	0.4326	0.4747
shuttle	0.9986	0.0004	0.9133	0.9961	0.0803
sick	0.9761	0.0239	0.8960	0.7685	0.0796

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9988	0.0012	0.9981	0.9963	0.0115
skin10%	0.9967	0.0033	0.9950	0.9900	0.0263
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smk_can_187	0.6842	0.3158	0.7091	0.3804	0.7358
smoking	0.7901	0.2099	0.7688	0.5137	0.6362
solar-flare	0.7122	0.0959	0.5055	0.6284	0.2503
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.8971	0.0108	0.8592	0.8874	0.0586
spam-detection	0.9520	0.0480	0.8429	0.6763	0.3962
spambase	0.8804	0.1196	0.8822	0.7571	0.4729
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.1346	0.0641	0.0915	0.0976	0.2912
splice-EI	0.9369	0.0631	0.9250	0.8432	0.3707
splice-IE	0.9338	0.0662	0.9159	0.8270	0.3986
sport-articles	0.7700	0.2300	0.7853	0.5447	0.6484
squash-stored	0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
steel_industry	0.8699	0.0868	0.8402	0.7838	0.2392
steel-b	0.8718	0.1282	0.7895	0.5246	0.4300
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9795	0.0205	0.9683	0.9347	0.0802
steel-o	0.7897	0.2103	0.7677	0.4743	0.5356
steel-p	0.9026	0.0974	0.7668	0.5074	0.6042
steel-s	0.9744	0.0256	0.8105	0.5351	0.0824
steel-z	0.9692	0.0308	0.9071	0.8069	0.2361
stellar	0.9698	0.0201	0.9648	0.9456	0.0778
stock	0.9861	0.0139	0.9764	0.9516	0.0579
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9860	0.0140	0.9861	0.9718	0.0927
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.5100	0.1960	0.2635	0.2249	0.4392
student-weekend	0.3231	0.2708	0.1942	0.0726	0.6104
student-workday	0.7188	0.1125	0.2528	0.1658	0.3057
studentap	0.5385	0.3077	0.5750	0.2642	0.4771
susy	0.7459	0.2541	0.7667	0.4677	0.5623
susy1%	0.7476	0.2524	0.7669	0.4719	0.5718
susy10%	0.7401	0.2599	0.7633	0.4547	0.5536
swarm_aligned	0.9988	0.0012	0.9985	0.9971	0.0092
swarm_flocking	0.9971	0.0029	0.9971	0.9942	0.0245
swarm_grouped	0.9963	0.0037	0.9960	0.9920	0.0288
tae	0.6000	0.2667	0.6082	0.4000	0.6002
texture	0.7673	0.0423	0.7793	0.7437	0.1981
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8579	0.1421	0.8398	0.6618	0.5646
tis10%	0.8657	0.1343	0.8366	0.6655	0.5768
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1500	0.3636	0.3684	0.1904
tox_171	0.4706	0.2647	0.4819	0.2850	0.4839
toxicity	0.6471	0.3529	0.5858	0.1639	0.8952
toxicity-13f	0.6471	0.3529	0.6136	0.2273	0.8920
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.6829	0.0705	0.4421	0.6138	0.2848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec12-wc	0.6774	0.0806	0.5767	0.6173	0.1886
trec21-wc	0.8485	0.0606	0.6461	0.7199	0.2791
trec23-wc	0.9048	0.0317	0.7916	0.8636	0.0727
trec31-wc	0.9462	0.0179	0.9137	0.9283	0.0998
trec41-wc	0.8750	0.0250	0.6896	0.8475	0.1810
trec45-wc	0.7391	0.0522	0.6338	0.6968	0.2447
tuandromd	0.9821	0.0179	0.9720	0.9424	0.0721
turkish	0.5000	0.2500	0.5318	0.3333	0.5142
tvnews1%	0.8538	0.1462	0.8526	0.6980	0.5474
tvnews10%	0.8234	0.1766	0.8293	0.6424	0.5828
ur3_cobotops_grip	0.9687	0.0313	0.6812	0.0776	0.0951
ur3_cobotops_stop	0.9714	0.0286	0.7544	0.3550	0.0891
urban	0.6119	0.0862	0.6504	0.5552	0.3178
ustilago1%	0.9837	0.0163	0.4959	-0.0079	0.5665
vehicle	0.7500	0.1250	0.7107	0.6537	0.3100
vehicleVAN	0.9524	0.0476	0.9435	0.8806	0.3064
voice	0.7500	0.2500	0.7044	0.4000	0.7643
vote	0.8372	0.1628	0.8377	0.6746	0.5867
vowel	0.4646	0.0973	0.4515	0.4111	0.3719
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17	0.9093	0.0907	0.6036	0.0106	0.2412
wap-wc	0.3590	0.0641	0.2664	0.2997	0.4906
warpar10p	0.3077	0.1385	0.3231	0.2353	0.2357
warppie10p	0.1905	0.1619	0.1600	0.1008	0.3399
watch-acc1%	0.8142	0.0531	0.8140	0.7828	0.1968
watch-acc10%	0.8388	0.0461	0.8374	0.8115	0.1700
watch-gyr1%	0.8263	0.0496	0.8298	0.7970	0.1697
waveform	0.6780	0.2147	0.6976	0.5159	0.4877
web-phishing	0.7852	0.1432	0.6893	0.6303	0.4935
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9964	0.0014	0.9962	0.9955	0.0103
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9500	0.0250	0.9511	0.9333	0.0822
wilt	0.9772	0.0228	0.8980	0.7881	0.4467
wine	0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red	0.6730	0.1090	0.3287	0.4722	0.4717
winequality-white	0.6196	0.1268	0.4148	0.4182	0.5505
winnipeg10%	0.9310	0.0197	0.8952	0.9131	0.1328
wisc_bc	0.9474	0.0526	0.9443	0.8880	0.2925
yale	0.0625	0.1250	0.0444	0.0000	0.2829
yeast	0.3649	0.1411	0.2820	0.1813	0.3601
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1	0.9662	0.0338	0.8325	0.6004	0.5302
yeastME2	0.9392	0.0608	0.6847	0.3681	0.6156
zip	0.6484	0.0703	0.6358	0.6058	0.3591

Table 280: Detailed results for CUBIST

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2000	0.0762	0.1273	0.1247	0.5791
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9831	0.0169	0.6653	0.2234	0.3263
accident	0.4000	0.6000	0.4000	-0.2000	1.0000
ads	0.9665	0.0335	0.9277	0.8515	0.2217
adult	0.8571	0.1429	0.7919	0.5789	0.6026
advanced-iot	0.9990	0.0003	0.9990	0.9988	0.0025
AID_1431	0.8889	0.1111	0.5429	0.0745	0.6933
AID_1431_KlekotaRothFingerprinter	0.8730	0.1270	0.5243	0.0464	0.7227
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7429	0.2571	0.5381	0.0756	0.8333
AID_602330	0.9479	0.0521	0.6318	0.2593	0.6128
AID_652128	0.8586	0.0943	0.3633	0.1661	0.3912
AID1284Morered	0.8889	0.1111	0.7677	0.5355	0.6242
AID1284red	0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered	0.8447	0.1553	0.4579	-0.0828	0.6424
AID1608red	0.8932	0.1068	0.4718	-0.0559	0.6716
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604	0.9993	0.0007	0.9491	0.8982	0.2402
AID604AID644_AllRed	0.9988	0.0012	0.6219	0.2217	0.4869
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.6429	0.2857	0.8453
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.5303	0.0526	0.7987
AID721red	0.5556	0.4444	0.5303	0.0526	0.7987
AID746AID1284red	0.9987	0.0013	0.4997	-0.0005	0.5055
AID746red	0.9935	0.0065	0.5782	0.0912	0.3851
aids	0.8545	0.1455	0.7948	0.5868	0.6106
air_pollution	0.4000	0.1714	0.0818	-0.0063	0.3900
airline	0.9580	0.0420	0.9573	0.9143	0.2297
alcohol	0.7714	0.0914	0.4781	0.5061	0.3180
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.9302	0.0698	0.9232	0.8460	0.3456
anneal	0.9888	0.0045	0.9858	0.9759	0.0146
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9597	0.0202	0.9065	0.9242	0.1424
anuran-genus	0.9179	0.0205	0.7674	0.8671	0.2683
anuran-species	0.9361	0.0128	0.8628	0.9114	0.1192
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.8675	0.1325	0.8677	0.7350	0.5169
aps-failure	0.9909	0.0091	0.8606	0.7161	0.3289
arabidopsis0.1%	0.9824	0.0176	0.4955	-0.0089	0.5348
arcene	0.6500	0.3500	0.6284	0.2553	0.8874
arrhythmia	0.6444	0.0711	0.4152	0.4682	0.3417
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.7727	0.0413	0.6729	0.7349	0.1003

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.8752	0.8676	0.0781
avila	0.9813	0.0031	0.9717	0.9758	0.0496
babies	0.3548	0.1843	0.1694	0.0023	0.3113
balance	0.8226	0.1183	0.7121	0.7030	0.3931
bank	0.9087	0.0913	0.7573	0.5122	0.5964
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8502	0.1498	0.8352	0.6679	0.5661
basehock	0.9397	0.0603	0.9401	0.8794	0.2991
bio	0.9970	0.0029	0.9156	0.8312	0.2949
bio10%	0.9938	0.0062	0.8188	0.6369	0.4389
biodeg	0.8952	0.1048	0.8881	0.7746	0.4452
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9847	0.0014	0.1237	0.3508	1.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9854	0.0026	0.2690	0.3484	0.8124
body-perf	0.5851	0.2075	0.6157	0.4468	0.4784
bookings	0.9913	0.0058	0.8144	0.9815	0.0513
brain-tumor	0.5000	0.5000	0.5001	0.0002	0.9992
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.3636	0.6364	0.3446	-0.3051	1.0000
breast-tissue	0.6364	0.1212	0.6655	0.5644	0.2063
bridges	0.8000	0.0667	0.6061	0.7143	0.0753
bub10at310k-hg16-17	0.9107	0.0893	0.6605	0.2849	0.5877
bub12at310k-hg16-17	0.9126	0.0874	0.6638	0.2822	0.5647
bub8at310k-hg16-17	0.9103	0.0897	0.6715	0.3201	0.6077
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9565	0.0435	0.9518	0.9032	0.2392
cancer-uae	0.4150	0.3900	0.3007	-0.0340	0.6589
car	0.9713	0.0144	0.9642	0.9388	0.1024
car-insurance	0.8590	0.1410	0.8374	0.6747	0.5753
card	0.8406	0.1594	0.8373	0.6744	0.5874
cardiotocography	0.8075	0.0385	0.7579	0.7695	0.2637
cardiotocography-nsp	0.9155	0.0563	0.8448	0.7491	0.2653
cardiovascular	0.7403	0.2597	0.7408	0.4805	0.7616
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8750	0.0833	0.8110	0.7674	0.2643
cas_N6512_cdk_ECFP2	0.7404	0.2596	0.7391	0.4782	0.7656
cas_N6512_rdkit_ATOMPAIR	0.7185	0.2815	0.7157	0.4299	0.7948
cas_N6512_RDkit_AtomPair_FP	0.7255	0.2745	0.7240	0.4481	0.7875
cas_N6512_rdkit_AVALON	0.7650	0.2350	0.7637	0.5274	0.7272
cas_N6512_RDkit_Avalon_FP	0.7929	0.2071	0.7926	0.5847	0.6773
cas_N6512_rdkit_descriptors	0.7477	0.2523	0.7461	0.4921	0.7549
cas_N6512_rdkit_FEATMORGAN	0.7389	0.2611	0.7382	0.4760	0.7668
cas_N6512_RDkit_Featmorgan_FP	0.7561	0.2439	0.7541	0.5076	0.7405
cas_N6512_RDkit_FP	0.7209	0.2791	0.7191	0.4381	0.7942
cas_N6512_rdkit_LAYERED	0.7538	0.2462	0.7538	0.5069	0.7424
cas_N6512_RDkit_Layered_FP	0.7485	0.2515	0.7465	0.4928	0.7533
cas_N6512_rdkit_MACCS	0.7757	0.2243	0.7740	0.5452	0.7019
cas_N6512_RDkit_MACCS_FP	0.7914	0.2086	0.7902	0.5804	0.6816
cas_N6512_rdkit_MORGAN	0.7754	0.2246	0.7739	0.5479	0.7099
cas_N6512_RDkit_morgan_FP	0.7791	0.2209	0.7783	0.5565	0.7027

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7646	0.2354	0.7635	0.5270	0.7276
cas_N6512_RDkit_pattern_FP	0.7822	0.2178	0.7816	0.5629	0.6971
cas_N6512_rdkit_RDKITFP	0.7066	0.2934	0.7055	0.4108	0.8128
cas_N6512_rdkit_TORSION	0.7231	0.2769	0.7236	0.4460	0.7866
ccds1%	0.9121	0.0879	0.4770	-0.0452	0.5803
cdc_diabetes	0.8468	0.1022	0.4164	0.1681	0.3151
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7202	0.2798	0.7150	0.4218	0.7763
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9642	0.0358	0.7624	0.5175	0.5013
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.6122	0.0986	0.3549
CDS49_AID687_Rdkit-ecfp4-fp	0.9970	0.0030	0.4992	-0.0010	0.4761
census10%	0.9505	0.0495	0.7342	0.4365	0.4760
central-nervous-system	0.1667	0.8333	0.1429	-0.6667	0.9586
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9651	0.0349	0.8728	0.7101	0.5112
cervical-S	0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia	0.9399	0.0301	0.9250	0.9102	0.1297
chrom19	0.9997	0.0003	0.9154	0.8270	0.1894
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9994	0.0006	0.8218	0.6204	0.2692
chronic-kidney	0.9337	0.0663	0.7177	0.3909	0.4891
churn	0.8420	0.1580	0.7219	0.4050	0.6041
churn-bigml	0.9551	0.0449	0.9068	0.8118	0.3292
ci900367j_MACCS	0.6421	0.3579	0.6198	0.2396	0.8944
circles	0.9960	0.0001	0.9963	0.9960	0.0019
cirrhosis	0.7857	0.1429	0.7009	0.5743	0.4596
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7361	0.1319	0.5121	0.5709	0.3977
climate	0.8519	0.1481	0.5633	0.1220	0.6540
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8600	0.1400	0.4624	-0.0606	0.7431
cmc	0.4966	0.3356	0.5240	0.2672	0.6662
cnae-9	0.8148	0.0412	0.8280	0.7917	0.1819
codon_usage	0.7483	0.0458	0.6330	0.7029	0.3636
coil20	0.7847	0.0215	0.7857	0.7733	0.1418
college	0.8701	0.1299	0.8363	0.6726	0.5658
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4	0.6897	0.3103	0.5641	0.1212	0.8758
colposcopies-5	0.6897	0.3103	0.4082	-0.1810	0.8560
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.8276	0.1724	0.7767	0.5511	0.6703
column-2c	0.8065	0.1935	0.7786	0.5571	0.6825
column-3c	0.8065	0.1290	0.7703	0.6821	0.3113
connect-4	0.9990	0.0007	0.9811	0.9768	0.0766
cottonmeloidogyne	0.7404	0.2596	0.7412	0.4802	0.7587
coupon	0.7248	0.2752	0.7167	0.4311	0.7880
covid19	0.5235	0.1361	0.2263	0.1536	0.4468
covtype	0.9153	0.0242	0.7845	0.8646	0.2696
covtype10%	0.8208	0.0512	0.6085	0.7155	0.4339
covtypeCD	0.9871	0.0129	0.9725	0.9451	0.1528
covtypeT	0.9826	0.0174	0.9347	0.8690	0.3051
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans	0.9994	0.0006	0.8995	0.7904	0.1720

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans10%	0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced	0.8719	0.0427	0.7209	0.7470	0.3012
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.1875	0.0508	0.1318	0.1613	0.1505
customer-churn	0.9844	0.0156	0.7689	0.5112	0.3868
cybersecurity	0.1700	0.2767	0.0850	0.0018	0.5215
cyclopentane	0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands	0.7222	0.2778	0.7345	0.4534	0.7458
darwin	0.7778	0.2222	0.7778	0.5556	0.7044
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8217	0.1783	0.7058	0.3807	0.6567
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8985	0.1015	0.7334	0.4624	0.6199
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8919	0.0360	0.8908	0.8645	0.0956
desharnais	0.5000	0.3333	0.4553	0.2381	0.3542
dexter	0.9500	0.0500	0.9503	0.9000	0.2614
df_final	0.5000	0.3333	0.5269	0.2289	0.5825
DIA	0.7500	0.2500	0.6300	0.2500	0.8063
diabetes	0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k	0.9694	0.0306	0.8943	0.7661	0.1206
diabetes-risk	0.9191	0.0809	0.8734	0.7454	0.4438
diabetic1%	0.5588	0.2941	0.3411	0.0895	0.4643
diabetic10%	0.5511	0.2993	0.3956	0.1633	0.6251
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7341	0.1063	0.7278	0.6307	0.3687
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5000	0.5000	0.4507	-0.0909	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dota2	0.5677	0.4323	0.5624	0.1197	0.9416
dota210%	0.5369	0.4631	0.5372	0.0743	0.9753
drebin	0.9834	0.0166	0.9822	0.9643	0.1199
dropout	0.6975	0.2017	0.5742	0.4682	0.5198
drug-01	0.2500	0.2143	0.1183	-0.0177	0.4802
drug-02	0.4202	0.1657	0.1390	0.1051	0.4393
drug-03	0.6223	0.1259	0.1511	0.0455	0.4121
drug-04	0.4628	0.1535	0.1342	0.1104	0.3955
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2128	0.2249	0.2053	0.0763	0.6343
drug-07	0.4309	0.1897	0.1004	0.0000	0.2655
drug-08	0.4096	0.1687	0.1644	0.1266	0.4321
drug-09	0.8245	0.0585	0.2082	0.1165	0.6334
drug-10	0.3777	0.1778	0.1575	0.1249	0.5760
drug-11	0.8138	0.0532	0.1487	0.0919	0.5092
drug-12	0.7872	0.0709	0.1820	0.0280	0.2657
drug-13	0.4734	0.1505	0.2113	0.2439	0.4750
drug-14	0.5053	0.1413	0.2278	0.2359	0.6095
drug-15	0.6809	0.0912	0.1789	0.1570	0.7576
drug-16	0.5479	0.1507	0.3226	0.3433	0.4872
drug-17	0.3617	0.1824	0.1326	0.1012	0.4384
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7021	0.0851	0.1432	-0.0012	0.4789

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drybean	0.8868	0.0323	0.8832	0.8637	0.2004
ecoli	0.7059	0.0980	0.4490	0.5823	0.2574
ecoliCP-IM	0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9091	0.0909	0.6822	0.3529	0.6260
ecommerce	0.2700	0.3650	0.1780	0.0267	0.5649
eeg	0.2572	0.0929	0.2383	0.1871	0.7017
eeg-eye	0.9232	0.0768	0.9225	0.8442	0.3543
eeg10%	0.1963	0.1005	0.1635	0.1261	0.7333
email_phishing	0.9882	0.0118	0.6994	0.2220	0.1559
eucalyptus	0.4384	0.2247	0.4530	0.3062	0.5394
euthyroid	0.9652	0.0348	0.8979	0.7944	0.3409
exon.vs.intron-freq10%	0.9514	0.0486	0.9513	0.9025	0.2594
fakenews	0.5175	0.4825	0.5176	0.0352	0.9894
fbis-wc	0.5244	0.0560	0.4640	0.4699	0.4645
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.8039	0.1961	0.8233	0.5880	0.4125
financial-risk	0.8835	0.0388	0.6786	0.8147	0.2139
fishcatch	0.8125	0.0625	0.8387	0.7681	0.1512
flags	0.4500	0.1571	0.2697	0.2903	0.3611
fonts10%	0.2266	0.0101	0.0483	0.2059	0.9833
forest	0.8846	0.0577	0.8877	0.8397	0.1789
gas	0.9792	0.0069	0.9782	0.9747	0.0483
gastrointestinal	0.8125	0.1250	0.8180	0.6863	0.3242
gender	0.5874	0.2751	0.4381	0.1061	0.5645
gene	0.8959	0.0694	0.8882	0.8339	0.2816
german	0.6700	0.3300	0.6174	0.2290	0.8734
gestures	0.6652	0.1674	0.6790	0.5537	0.4324
gina	0.8588	0.1412	0.8594	0.7178	0.5364
gisette	0.9343	0.0657	0.9343	0.8686	0.3234
glass	0.7619	0.0794	0.7199	0.6667	0.2037
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.9524	0.0476	0.9529	0.9014	0.2404
glassBWNFP	0.6667	0.3333	0.6687	0.3226	0.8108
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.7619	0.2381	0.4324	-0.0825	0.3983
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.6000	0.2667	0.6667	0.4118	0.3599
glioma-grade	0.8690	0.1310	0.8660	0.7317	0.5218
green	0.8000	0.2000	0.8276	0.6000	0.5000
grub-damage	0.0667	0.4667	0.0333	-0.2727	0.5499
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9222	0.0130	0.6444	0.9080	0.1141
har	0.9771	0.0092	0.9753	0.9710	0.0557
har70	0.8352	0.0471	0.5521	0.7680	0.3851
har701%	0.8456	0.0441	0.5443	0.7799	0.3927
har7010%	0.8659	0.0383	0.5439	0.8071	0.3815
harth1%	0.7977	0.0337	0.4591	0.7266	0.3113
harth10%	0.8176	0.0304	0.4947	0.7526	0.2892
hayes-roth	0.6875	0.2083	0.7348	0.5031	0.4033
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7264	0.4392	0.7429

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-attack	0.8387	0.1613	0.8466	0.6804	0.5410
heart-c	0.8000	0.2000	0.7991	0.5982	0.6654
heart-failure	0.9800	0.0200	0.9767	0.9531	0.1216
heart-quantum	0.8600	0.1400	0.8557	0.7107	0.5461
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hepmass1%	0.8459	0.1541	0.8466	0.6919	0.5652
hepmass10%	0.8578	0.1422	0.8584	0.7158	0.5380
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6527	0.3473	0.6512	0.3025	0.8778
higgs1%	0.6883	0.3117	0.6862	0.3719	0.8360
higgs10%	0.7127	0.2873	0.7115	0.4230	0.8049
higher	0.2857	0.1786	0.2141	0.1860	0.2784
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa	0.9039	0.0961	0.8132	0.6056	0.4602
hiva	0.9527	0.0473	0.6056	0.2070	0.6124
horse	0.5278	0.3148	0.3489	0.1356	0.5550
hotel-reservartions	0.8873	0.1127	0.8697	0.7365	0.4744
hr	0.8351	0.1649	0.5781	0.1451	0.7486
ht-sensor	0.9998	0.0001	0.9998	0.9998	0.0011
ht-sensor10%	0.9984	0.0011	0.9984	0.9976	0.0084
htru2	0.9804	0.0196	0.9396	0.8782	0.2211
hypothyroid	0.9814	0.0093	0.7134	0.8879	0.1168
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6949	0.3051	0.6020	0.2003	0.8649
immuno-therapy	0.6667	0.3333	0.5950	0.1818	0.8134
instagram	0.9727	0.0137	0.9730	0.9636	0.0580
ionosphere	0.8000	0.2000	0.7742	0.5471	0.6923
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.4467	0.0426	0.4598	0.4246	0.4363
jm1	0.8191	0.1809	0.6417	0.2126	0.6279
jvowels	0.8253	0.0388	0.8195	0.8020	0.2258
kc1	0.8246	0.1754	0.6467	0.2918	0.7451
kc1-class-level-defectiveornot	0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect	0.3846	0.2462	0.1176	-0.1304	0.5662
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.6307	0.2589	0.7987
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup991%	0.9962	0.0006	0.8109	0.9935	0.0544
kepler	0.8264	0.1158	0.7884	0.7012	0.2951
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9500	0.0500	0.9467	0.8933	0.2764
krkopt	0.6061	0.0438	0.5447	0.5632	0.3629
krvskp	0.9937	0.0063	0.9937	0.9874	0.0522
la2s-wc	0.6722	0.1093	0.6307	0.5905	0.4712
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.2647	0.0639	0.2809	0.2342	0.2058
led24	0.6500	0.0778	0.6377	0.6034	0.1894
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.6200	0.0292	0.6220	0.6047	0.3627
leukemia	0.5714	0.2857	0.6377	0.3824	0.3358
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.3611	0.0852	0.3610	0.3134	0.2617
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.9999	0.0001	0.9964	0.9928	0.0211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
liver	0.6765	0.3235	0.6049	0.2043	0.8743
loan	0.9906	0.0094	0.9900	0.9800	0.0680
localization	0.5679	0.0786	0.3632	0.4696	0.5843
localization10%	0.4860	0.0934	0.3172	0.3702	0.6723
lrs	0.8679	0.0377	0.7122	0.8152	0.0939
lung	0.7619	0.0952	0.4362	0.4928	0.2673
lung_discrete	0.6250	0.1500	0.7000	0.5200	0.2500
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.8000	0.0800	0.4499	0.5855	0.2187
lung-cancer-harvard2	0.8889	0.1111	0.8615	0.6842	0.5000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.5556	0.1481	0.3333	0.4000	0.1553
machine-failure	0.9149	0.0851	0.9121	0.8234	0.3843
madelon	0.7577	0.2423	0.7590	0.5154	0.7304
magic04	0.8564	0.1436	0.8401	0.6787	0.5584
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8128	0.6206	0.6242
marketing	0.8616	0.1384	0.6935	0.3791	0.6774
maternal	0.7921	0.1386	0.8030	0.6833	0.3824
math	0.8250	0.0875	0.7871	0.7300	0.3017
mba	0.8371	0.1086	0.4186	0.2178	0.3633
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1933	0.3227	0.0648	0.0000	0.4030
messidor	0.6870	0.3130	0.6916	0.3774	0.8195
meter-A	0.6250	0.3750	0.6291	0.2500	0.8686
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.6186	0.6842	0.2394
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.8250	0.0350	0.8339	0.8056	0.1881
mfeat-fou	0.5950	0.0810	0.5954	0.5500	0.3804
mfeat-kar	0.6100	0.0780	0.6171	0.5667	0.4010
mfeat-mor	0.5950	0.0810	0.6243	0.5500	0.2577
mfeat-pix	0.7650	0.0470	0.7735	0.7389	0.2548
mfeat-zer	0.4850	0.1030	0.4749	0.4278	0.4340
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.3529	0.2588	0.2435	0.1789	0.3842
mobile	0.0769	0.0330	0.0844	0.0602	0.4315
monks-1	0.8727	0.1273	0.8730	0.7455	0.5039
monks-2	0.9508	0.0492	0.9464	0.8923	0.2857
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.2483	0.1367	0.3109	0.1420	0.6187
musk	0.9712	0.0288	0.9434	0.8828	0.1605
MUT_ci300400a_cdk_ECFP2	0.7974	0.2026	0.7925	0.5848	0.6751
MUT_ci300400a_cdk_ECFP4	0.8000	0.2000	0.7958	0.5911	0.6695
MUT_ci300400a_cdk_ECFP6	0.7689	0.2311	0.7620	0.5240	0.7256
MUT_ci300400a_cdk_ESTATE	0.7734	0.2266	0.7649	0.5284	0.7153
MUT_ci300400a_cdk_EXTENDED	0.8189	0.1811	0.8158	0.6309	0.6316
MUT_ci300400a_cdk_FCFP2	0.8072	0.1928	0.8002	0.5993	0.6536
MUT_ci300400a_cdk_FCFP4	0.7518	0.2482	0.7470	0.4935	0.7503
MUT_ci300400a_cdk_FCFP6	0.7734	0.2266	0.7688	0.5372	0.7160
MUT_ci300400a_cdk_MACCS	0.8082	0.1918	0.8023	0.6045	0.6551
MUT_ci300400a_cdk_PUBCHEM	0.8263	0.1737	0.8204	0.6403	0.6165

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_STANDARD	0.8132	0.1868	0.8070	0.6138	0.6446
MUT_ci300400a_rdkit_descriptors	0.8095	0.1905	0.8045	0.6088	0.6503
myocardial	0.7647	0.0588	0.1891	0.2362	0.5510
naticusdroid	0.9703	0.0297	0.9703	0.9407	0.1802
NCI60	0.6667	0.1111	0.6222	0.6000	0.1039
nci9	0.3333	0.2222	0.3333	0.2000	0.2651
ncRNA1%	0.8406	0.0168	0.2931	0.6043	0.8261
ncRNA10%	0.8711	0.0136	0.5075	0.6914	0.9449
neo	0.9149	0.0851	0.7087	0.3873	0.5564
new-thyroid	0.9524	0.0317	0.9026	0.8939	0.0573
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6408	0.3592	0.6376	0.2736	0.8883
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9594	0.0406	0.9502	0.9004	0.2578
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9846	0.0077	0.9703	0.9774	0.0556
obesity	0.9194	0.0230	0.9224	0.9059	0.1017
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9927	0.0073	0.9898	0.9796	0.0863
Occupancy_Estimation	0.9931	0.0035	0.9764	0.9789	0.0152
oh0-wc	0.6436	0.0713	0.5524	0.5869	0.2871
oh10-wc	0.5810	0.0838	0.5902	0.5209	0.3539
oh15-wc	0.6413	0.0717	0.6062	0.5895	0.3035
oh5-wc	0.6044	0.0791	0.6044	0.5520	0.3624
olive	0.8421	0.0351	0.8024	0.7991	0.1325
opn310k	0.9100	0.0900	0.6569	0.2773	0.5903
opn310k10%	0.8999	0.1001	0.6136	0.2075	0.6554
opnat310k-hg16-17	0.9108	0.0892	0.6596	0.2808	0.5836
optdigits	0.7544	0.0491	0.7593	0.7271	0.2680
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.1500	0.0425	0.1169	0.1282	0.1610
orlraws10P	0.6000	0.0800	0.5455	0.5556	0.0990
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9447	0.0553	0.6368	0.2715	0.6070
ozone8hr	0.8854	0.1146	0.5036	0.0068	0.7093
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7732	0.2268	0.7580	0.5127	0.7218
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8996	0.7943	0.4192
p53-mutants10%	0.9904	0.0096	0.4976	-0.0043	0.4048
page-blocks	0.9744	0.0102	0.8596	0.8573	0.3224
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8863	0.1137	0.8783	0.7560	0.4776
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.9250	0.0750	0.9072	0.8143	0.3986
particle10%	0.8954	0.1046	0.8701	0.7401	0.4916
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9189	0.0811	0.6396	0.2671	0.6352
pcmac	0.5309	0.4691	0.4247	-0.0837	0.9075
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8313	0.6610	0.5822
pediatric-leukemia	0.5000	0.1429	0.5120	0.3858	0.4064
pendigits	0.9081	0.0184	0.9112	0.8978	0.1264
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.7778	0.2222	0.7500	0.5000	0.7296
persistency	0.7755	0.2245	0.7568	0.5119	0.7196
pet-adoption	0.9350	0.0650	0.9263	0.8477	0.2815
phishing	0.9510	0.0490	0.9485	0.8968	0.2646
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.7940	0.0588	0.7910	0.7590	0.2084

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phone-acc1%	0.9091	0.0260	0.9032	0.8937	0.1076
phone-acc10%	0.9073	0.0265	0.9027	0.8917	0.0976
phone-gyr0.1%	0.8485	0.0433	0.8426	0.8227	0.1880
phone-gyr1%	0.9391	0.0174	0.9342	0.9288	0.0812
phone-gyr10%	0.9507	0.0141	0.9462	0.9424	0.0633
phoneme	0.8852	0.1148	0.8576	0.7150	0.5180
phy	0.7052	0.2948	0.7052	0.4104	0.8143
pima	0.7105	0.2895	0.6923	0.3323	0.7052
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
plant-growth	0.7368	0.2632	0.7531	0.4809	0.6961
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.6700	0.0733	0.2043	0.3857	0.2511
poker1%	0.5639	0.1246	0.1691	0.1959	0.3034
poker10%	0.6214	0.0947	0.1845	0.2945	0.3043
polish-1st	0.9787	0.0213	0.8343	0.6409	0.2699
polish-2nd	0.9715	0.0285	0.7707	0.4421	0.1949
polish-3rd	0.9619	0.0381	0.7518	0.4815	0.4652
polish-4th	0.9653	0.0347	0.8025	0.5873	0.4043
polish-5th	0.9645	0.0355	0.8579	0.7152	0.4280
polya	0.7438	0.2562	0.7137	0.4244	0.7750
popularity	0.6545	0.2303	0.4024	0.1733	0.5140
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9598	0.0161	0.9598	0.9497	0.0891
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6618	0.3235	0.8668
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.2424	0.1166	0.2147	0.1709	0.3932
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7015	0.2985	0.6240	0.2136	0.7942
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9804	0.0078	0.9665	0.9737	0.0590
puc-rio10%	0.9439	0.0225	0.9038	0.9246	0.1273
pufs-1281%	0.4955	0.5045	0.4955	-0.0090	1.0000
pufs-641%	0.4879	0.5121	0.4879	-0.0241	1.0000
pufs-6410%	0.4963	0.5038	0.4962	-0.0075	1.0000
pulsar	0.9832	0.0168	0.9484	0.8932	0.1201
raisin	0.8556	0.1444	0.8563	0.7111	0.5413
re0-wc	0.5333	0.0718	0.4219	0.4377	0.4725
re1-wc	0.5964	0.0323	0.3899	0.5547	0.3404
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9857	0.0143	0.9856	0.9711	0.0986
rnaseq	0.9250	0.0300	0.9166	0.8991	0.0902
rocket	0.6865	0.3135	0.6785	0.3567	0.8400
RT_IOT2022	0.9956	0.0007	0.8993	0.9890	0.0314
satimage	0.8165	0.0612	0.7772	0.7744	0.2747
satimageF	0.9891	0.0109	0.9718	0.9435	0.1479
satimageT	0.9362	0.0638	0.8064	0.6031	0.4755
scadi	0.5714	0.1714	0.5647	0.4474	0.2231
schiller	0.5556	0.4444	0.3571	-0.2857	0.9011
schizo	0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8974	0.1026	0.5290	0.0574	0.6839
secondary_mushroom	0.9993	0.0007	0.9993	0.9987	0.0077
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9522	0.9393	0.0680
segmentation	0.7277	0.2723	0.7042	0.4083	0.7982

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
segmentO	0.9870	0.0130	0.9739	0.9476	0.1291
seismic	0.9109	0.0891	0.6064	0.2111	0.6665
semeion	0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram	0.8395	0.1605	0.5406	0.0683	0.7416
sens-2-gram	0.8289	0.1711	0.5478	0.0892	0.7653
sens-3-gram	0.8105	0.1895	0.5476	0.0940	0.7763
sensorless	0.9860	0.0025	0.9860	0.9846	0.0268
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8938	0.1062	0.7804	0.5551	0.5756
shuttle	0.9993	0.0002	0.9206	0.9981	0.0383
sick	0.9867	0.0133	0.9442	0.8819	0.0504
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9997	0.0003	0.9995	0.9990	0.0076
skin10%	0.9980	0.0020	0.9969	0.9938	0.0201
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.7368	0.2632	0.7531	0.4809	0.6961
smoking	0.8091	0.1909	0.7941	0.5881	0.6637
soil_pollution	0.2000	0.3200	0.0667	0.0000	0.4020
solar-flare	0.6763	0.1079	0.5383	0.5886	0.2206
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9118	0.0093	0.9013	0.9031	0.0464
spam-detection	0.9485	0.0515	0.8478	0.6955	0.4875
spambase	0.9196	0.0804	0.9156	0.8310	0.3774
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.9143	0.0857	0.8928	0.7835	0.4068
spectrometer	0.0769	0.0684	0.0678	0.0337	0.3254
splice-EI	0.9432	0.0568	0.9271	0.8532	0.3546
splice-IE	0.9085	0.0915	0.8752	0.7502	0.4814
sport-articles	0.7300	0.2700	0.7121	0.4241	0.7916
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9070	0.0620	0.8830	0.8487	0.2192
steel-b	0.8974	0.1026	0.8349	0.6540	0.4521
steel-d	0.9949	0.0051	0.9553	0.9065	0.0226
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.8103	0.1897	0.7904	0.5808	0.6667
steel-p	0.9179	0.0821	0.6790	0.3432	0.6100
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.9846	0.0154	0.9554	0.9104	0.1831
stellar	0.9778	0.0148	0.9742	0.9605	0.0828
stock	0.9931	0.0069	0.9882	0.9762	0.0333
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0362
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.5850	0.1660	0.3441	0.3651	0.4486
student-depression	0.8244	0.1756	0.8177	0.6338	0.6173
student-habits	0.3600	0.2560	0.1059	0.0000	0.3283
student-weekend	0.2615	0.2954	0.2258	0.0456	0.6422
student-workday	0.6719	0.1313	0.2388	0.1734	0.6316
studentap	0.6154	0.2564	0.6527	0.3868	0.4606
susy1%	0.7796	0.2204	0.7780	0.5511	0.6891
susy10%	0.7918	0.2082	0.7907	0.5759	0.6643
swarm_aligned	0.9996	0.0004	0.9995	0.9990	0.0035
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	0.9988	0.0012	0.9987	0.9973	0.0130
tae	0.4667	0.3556	0.4714	0.2000	0.5930

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
telco-churn	0.8864	0.1136	0.8499	0.6974	0.5079
texture	0.8345	0.0301	0.8416	0.8177	0.1912
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.6224	0.2389	0.7461
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9579	0.0421	0.9527	0.9043	0.2230
tis	0.9043	0.0957	0.8676	0.7327	0.4609
tis10%	0.8731	0.1269	0.8274	0.6547	0.5713
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1500	0.3200	0.4545	0.1458
tox_171	0.5882	0.2059	0.5957	0.4465	0.4566
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.6136	0.2273	0.8920
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5352	0.0530	0.8089
trec11-wc	0.6341	0.0813	0.4103	0.5553	0.3219
trec12-wc	0.8387	0.0403	0.7733	0.8067	0.1190
trec21-wc	0.8182	0.0727	0.6718	0.6759	0.2846
trec23-wc	0.9524	0.0159	0.8192	0.9327	0.0270
trec31-wc	0.9462	0.0179	0.9398	0.9292	0.1191
trec41-wc	0.8636	0.0273	0.6818	0.8340	0.1585
trec45-wc	0.6667	0.0667	0.5774	0.6120	0.2492
tuandromd	0.9865	0.0135	0.9793	0.9586	0.1449
turkish	0.6500	0.1750	0.6527	0.5333	0.4415
tvnews1%	0.8692	0.1308	0.8638	0.7252	0.5268
tvnews10%	0.8820	0.1180	0.8723	0.7442	0.4938
ur3_cobotops_grip	0.9701	0.0299	0.7142	0.4068	0.4929
ur3_cobotops_stop	0.9714	0.0286	0.7735	0.5388	0.4748
urban	0.7463	0.0564	0.6835	0.7030	0.2301
urinalysis	0.9371	0.0629	0.6841	0.3669	0.6148
vehicle	0.7500	0.1250	0.7014	0.6598	0.2765
vehicleVAN	0.9524	0.0476	0.9365	0.8730	0.3040
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.8372	0.1628	0.8377	0.6746	0.5867
vowel	0.4848	0.0937	0.4944	0.4333	0.3581
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17	0.9179	0.0821	0.6807	0.2855	0.4837
wap-wc	0.4231	0.0577	0.2984	0.3660	0.4515
warpar10p	0.3846	0.1231	0.3535	0.3158	0.1893
warppie10p	0.3333	0.1333	0.2846	0.2557	0.3133
watch-acc	0.9994	0.0002	0.9993	0.9993	0.0021
watch-acc1%	0.9706	0.0084	0.9700	0.9656	0.0565
watch-acc10%	0.9968	0.0009	0.9968	0.9963	0.0089
watch-gyr	0.9995	0.0001	0.9995	0.9995	0.0016
watch-gyr1%	0.9704	0.0085	0.9698	0.9654	0.0564
watch-gyr10%	0.9973	0.0008	0.9972	0.9968	0.0079
water_pollution	0.2833	0.3583	0.2500	0.0405	0.6134
waveform	0.7240	0.1840	0.7305	0.5854	0.5110
weather-related	0.9173	0.0150	0.9047	0.9064	0.1144
web-phishing	0.8741	0.0840	0.8366	0.7757	0.3683
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9987	0.0005	0.9987	0.9984	0.0045
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9876	0.0124	0.9307	0.8572	0.1649
wine	0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red	0.6667	0.1111	0.3265	0.4759	0.4972
winequality-white	0.6217	0.1261	0.4283	0.4430	0.5890

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
winnipeg10%	0.9748	0.0072	0.9585	0.9682	0.0616
wisc_bc	0.9649	0.0351	0.9643	0.9261	0.2027
yale	0.1250	0.1167	0.1143	0.0628	0.2576
yeast	0.5135	0.1081	0.4038	0.3704	0.3526
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9662	0.0338	0.7155	0.4272	0.5783
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495
zip	0.7688	0.0462	0.7565	0.7406	0.2893

Table 281: Detailed results for DECT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1607	0.0579	0.0850	0.0736	0.5056
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9825	0.0175	0.6369	0.1474	0.3020
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9573	0.0427	0.9076	0.7972	0.1300
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7778	0.2222	0.4375	-0.1163	0.8180
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.6098	0.2105	0.8520
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.9014	0.0986	0.8625	0.6952	0.3154
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.9392	0.0608	0.9381	0.8757	0.3022
alcohol	0.7714	0.0914	0.4165	0.3703	0.1897
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.9535	0.0465	0.9491	0.8964	0.2299
anneal	0.9663	0.0135	0.9195	0.9277	0.1535
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.8915	0.0542	0.7768	0.7923	0.2950
anuran-genus	0.8484	0.0379	0.6885	0.7325	0.2687
anuran-species	0.8806	0.0239	0.7861	0.8319	0.1894
anxiety	0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality	0.7375	0.2625	0.7495	0.4750	0.7014
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.5500	0.4500	0.5410	0.0816	0.9582
arrhythmia	0.7111	0.0444	0.3821	0.5312	0.1938
auction	0.9804	0.0196	0.9549	0.9088	0.1707
audiology	0.7826	0.0181	0.2601	0.7467	0.0441
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7000	0.1000	0.6161	0.6066	0.2241
avila	0.9995	0.0001	0.9977	0.9994	0.0017
babies	0.4839	0.1475	0.1583	0.1790	0.3713

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
balance	0.7903	0.1398	0.5437	0.6049	0.3448
bank	0.9160	0.0840	0.7692	0.5313	0.5573
banknote	0.8905	0.1095	0.8901	0.7794	0.4599
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8203	0.1797	0.8015	0.5856	0.5871
basehock	0.9497	0.0503	0.9497	0.8995	0.2671
bio	0.9961	0.0039	0.8763	0.7354	0.1757
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8286	0.1714	0.8183	0.6365	0.6213
biomed	0.8571	0.1429	0.8568	0.6736	0.3386
bitcoin1%	0.9859	0.0010	0.0687	0.0876	0.0963
bitcoin10%	0.9792	0.0038	0.3226	0.2956	0.2793
body-perf	0.6403	0.1799	0.6480	0.5204	0.4794
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.7273	0.2727	0.7609	0.4211	0.4644
breast-tissue	0.6364	0.1212	0.5997	0.5600	0.1997
bridges	0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17	0.9121	0.0879	0.6346	0.1252	0.3901
bub12at310k-hg16-17	0.9143	0.0857	0.6527	0.1734	0.4051
bub8at310k-hg16-17	0.9127	0.0873	0.6486	0.2171	0.5056
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.8470	0.1530	0.8197	0.6389	0.5996
card	0.8261	0.1739	0.8271	0.6497	0.6048
cardiotocography	0.6995	0.0601	0.5422	0.6403	0.3296
cardiotocography-nsp	0.8826	0.0782	0.7955	0.6828	0.4330
cardiovascular	0.7342	0.2658	0.7350	0.4684	0.7692
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8000	0.1333	0.6833	0.6040	0.3826
cas_N6512_cdk_ECFP2	0.6559	0.3441	0.6523	0.3039	0.8742
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.6856	0.3144	0.6845	0.3688	0.8393
cas_N6512_rdkit_AVALON	0.6897	0.3103	0.6872	0.3744	0.8354
cas_N6512_RDkit_Avalon_FP	0.6963	0.3037	0.6952	0.3902	0.8260
cas_N6512_rdkit_descriptors	0.6892	0.3108	0.6902	0.3789	0.8303
cas_N6512_rdkit_FEATMORGAN	0.7020	0.2980	0.7010	0.4018	0.8185
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.6610	0.3390	0.6584	0.3166	0.8691
cas_N6512_rdkit_LAYERED	0.7185	0.2815	0.7184	0.4361	0.7945
cas_N6512_RDkit_Layered_FP	0.6948	0.3052	0.6920	0.3835	0.8284
cas_N6512_rdkit_MACCS	0.7512	0.2488	0.7499	0.4997	0.7492
cas_N6512_RDkit_MACCS_FP	0.7071	0.2929	0.7084	0.4149	0.8062
cas_N6512_rdkit_MORGAN	0.6892	0.3108	0.6860	0.3666	0.8251
cas_N6512_RDkit_morgan_FP	0.6764	0.3236	0.6756	0.3509	0.8496
cas_N6512_rdkit_PATTERN	0.7354	0.2646	0.7342	0.4684	0.7729
cas_N6512_rdkit_RDKITFP	0.6574	0.3426	0.6584	0.3156	0.8675
cas_N6512_rdkit_TORSION	0.7015	0.2985	0.7064	0.4071	0.8023
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8481	0.1013	0.4193	0.1629	0.3031
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7254	0.2746	0.6962	0.3922	0.8047
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6744	0.0561	0.1301
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9406	0.0297	0.9342	0.9116	0.1387
chrom19	0.9998	0.0002	0.9320	0.8540	0.0016
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9993	0.0007	0.8075	0.5997	0.3353
chrom211%	0.0008	0.9992	0.0008	0.0000	0.0023
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8520	0.1480	0.7471	0.4754	0.6147
churn-bigml	0.9139	0.0861	0.8074	0.5892	0.4394
ci900367j_MACCS	0.6947	0.3053	0.6590	0.2941	0.8009
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.4756	0.4028	0.3993
cjs	0.9964	0.0012	0.9962	0.9956	0.0059
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7148	0.1426	0.6070	0.5604	0.5236
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5918	0.2721	0.5750	0.3564	0.6443
cnae-9	0.8148	0.0412	0.8366	0.7917	0.1708
codon_usage	0.7084	0.0530	0.5572	0.6409	0.3090
coil20	0.6458	0.0354	0.6749	0.6271	0.2071
college	0.8961	0.1039	0.8690	0.7381	0.4948
collins	0.9800	0.0027	0.9667	0.9780	0.0066
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7931	0.2069	0.7797	0.4663	0.3920
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6207	0.3793	0.5884	0.1448	0.8434
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c	0.7241	0.2759	0.6954	0.3696	0.7444
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6696	0.6252	0.2830
cottonmeloidogyne	0.6683	0.3317	0.6705	0.3374	0.8502
coupon	0.6814	0.3186	0.6697	0.3298	0.8315
covtype10%	0.7059	0.0840	0.5602	0.5148	0.4201
covtypeCD	0.9563	0.0437	0.9095	0.8186	0.3835
covtypeT	0.9668	0.0332	0.8625	0.7202	0.3696
crabs	0.7000	0.1500	0.7185	0.6000	0.2526
creditcard_trans	0.9992	0.0008	0.8761	0.7438	0.2421
creditcard_trans10%	0.9986	0.0014	0.7605	0.4993	0.3807
crowdsourced	0.8332	0.0556	0.5644	0.6462	0.4217
cryotherapy	0.5556	0.4444	0.6667	0.1818	0.5283
cultivars	0.0000	0.0500	0.0000	0.0000	0.4102
customer-churn	0.9846	0.0154	0.7743	0.5260	0.3930
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.7072	0.4098	0.8027
cylinder-bands	0.6667	0.3333	0.6533	0.3027	0.8617
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8263	0.1737	0.7136	0.3914	0.6343

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9009	0.0991	0.7267	0.4396	0.5959
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9189	0.0270	0.9150	0.8982	0.0840
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.8500	0.1500	0.8550	0.7000	0.5201
df_final	0.6250	0.2500	0.5263	0.4000	0.3199
DIA	0.8167	0.1833	0.7289	0.4211	0.6246
diabetes	0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-risk	0.9211	0.0789	0.8748	0.7451	0.4123
diabetic1%	0.5784	0.2810	0.3661	0.1460	0.4714
diabetic10%	0.5766	0.2823	0.4530	0.1621	0.5722
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7291	0.1083	0.7284	0.6129	0.3351
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.2000	0.8000	0.1667	-0.6667	1.0000
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.6250	0.3750	0.6009	0.1940	0.9002
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9304	0.0696	0.7695	0.5198	0.4978
dota210%	0.5233	0.4767	0.5114	0.0200	0.9526
dropout	0.7472	0.1685	0.6627	0.5733	0.4868
drug-01	0.3617	0.1824	0.1080	-0.0215	0.4754
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4096	0.1687	0.2323	0.2437	0.4871
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5904	0.1170	0.2233	0.1754	0.3186
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5266	0.1353	0.1577	0.1349	0.4547
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6223	0.1079	0.1781	0.2804	0.3256
drug-14	0.5691	0.1231	0.2473	0.2555	0.4588
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5745	0.1216	0.2424	0.3136	0.4185
drug-17	0.3883	0.1748	0.1436	0.1349	0.4285
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.8824	0.0336	0.8813	0.8575	0.1672
ecoli	0.8529	0.0368	0.5215	0.7942	0.1294
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.3340	0.0832	0.2772	0.2580	0.7264
eeg-eye	0.7417	0.2583	0.7388	0.4669	0.7395
eeg10%	0.2673	0.0916	0.2133	0.1796	0.6921
email_phishing	0.9869	0.0131	0.6226	0.0512	0.1509
eucalyptus	0.5616	0.1753	0.5504	0.4302	0.4442
euthyroid	0.9620	0.0380	0.8898	0.7790	0.3765
exon.vs.intron-freq10%	0.8819	0.1181	0.8840	0.7615	0.4488
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
fbis-wc	0.6138	0.0454	0.5447	0.5534	0.2655
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.8400	0.0533	0.6188	0.7414	0.2339
fishcatch	0.8125	0.0625	0.8486	0.7659	0.1160
flags	0.6500	0.0875	0.4000	0.5706	0.1698
forest	0.8269	0.0865	0.8300	0.7600	0.2084
gas	0.8088	0.0637	0.8110	0.7676	0.2663
gastrointestinal	0.8750	0.0833	0.8376	0.7881	0.1526
gender	0.5874	0.2751	0.4884	0.0851	0.5040
gene	0.5110	0.3260	0.2255	0.0000	0.3731
german	0.6400	0.3600	0.5348	0.0451	0.8198
gestures	0.6627	0.1687	0.6633	0.5503	0.5055
gina	0.8646	0.1354	0.8646	0.7291	0.5258
glass	0.8095	0.0635	0.7649	0.7358	0.2008
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.7500	0.2500	0.6667	0.3333	0.7987
glioma	0.6000	0.2667	0.5333	0.4444	0.1500
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.6094	0.2000	0.8294
grub-damage	0.6000	0.2000	0.5275	0.4479	0.3641
gsalc	0.5556	0.1481	0.5000	0.4627	0.2087
haberman	0.6667	0.3333	0.5739	0.1477	0.8809
hapt	0.8060	0.0323	0.5228	0.7704	0.2450
har	0.8089	0.0765	0.8169	0.7552	0.2891
har70	0.8514	0.0425	0.5085	0.7783	0.2619
har701%	0.8398	0.0458	0.4902	0.7635	0.2508
har7010%	0.8304	0.0485	0.4931	0.7473	0.3231
harth1%	0.7722	0.0380	0.3992	0.6833	0.2492
harth10%	0.7686	0.0386	0.3767	0.6790	0.2870
hayes-roth	0.3750	0.4167	0.2790	-0.0458	0.6275
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.9820	0.0180	0.9792	0.9576	0.0812
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%	0.8119	0.1881	0.8139	0.6234	0.6271
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6309	0.3691	0.6292	0.2583	0.9004
higgs1%	0.6648	0.3352	0.6646	0.3288	0.8627
higgs10%	0.6630	0.3370	0.6614	0.3227	0.8664
higher	0.3571	0.1607	0.1598	0.1975	0.2771
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9039	0.0961	0.8132	0.6056	0.4602
hiva	0.9527	0.0473	0.5399	0.0699	0.6111

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
horse	0.6667	0.2222	0.6281	0.4106	0.5576
hotel-reservartions	0.8578	0.1422	0.8342	0.6618	0.5411
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.9429	0.0381	0.9448	0.9139	0.1555
ht-sensor10%	0.9072	0.0619	0.9108	0.8601	0.2213
htru2	0.9765	0.0235	0.9275	0.8542	0.2659
hypothyroid	0.9841	0.0080	0.7100	0.9051	0.1090
hypothyroidT	0.9973	0.0027	0.9906	0.9810	0.0136
ilpd	0.7119	0.2881	0.5951	0.1663	0.8198
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
ionosphere	0.8571	0.1429	0.8309	0.6602	0.5698
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.4904	0.0392	0.5059	0.4700	0.3463
jm1	0.8200	0.1800	0.6462	0.2298	0.6407
jvowels	0.6476	0.0783	0.6340	0.6004	0.4005
kc1	0.8578	0.1422	0.6739	0.3073	0.6292
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8269	0.1731	0.7038	0.3777	0.6558
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.8588	0.0941	0.8166	0.7681	0.2739
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9500	0.0500	0.9467	0.8933	0.2764
krkopt	0.4895	0.0567	0.5200	0.4279	0.4866
krvskp	0.9436	0.0564	0.9434	0.8869	0.2908
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.3529	0.0324	0.2125	0.3279	0.1639
led24	0.7000	0.0600	0.6582	0.6629	0.1278
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.6685	0.0255	0.6897	0.6553	0.3204
leukemia	0.7143	0.1905	0.7222	0.5625	0.3324
leukemia2	0.7143	0.2857	0.7083	0.4167	0.8058
libra	0.4167	0.0778	0.4618	0.3742	0.2627
linkage1%	0.9995	0.0005	0.9634	0.9266	0.1329
liver	0.6765	0.3235	0.5565	0.0603	0.7318
loan	0.9719	0.0281	0.9705	0.9393	0.1214
localization	0.5884	0.0748	0.3390	0.4687	0.5754
localization10%	0.5279	0.0858	0.2589	0.3892	0.5861
lrs	0.7736	0.0647	0.5722	0.6858	0.2180
lung	0.9048	0.0381	0.7099	0.8082	0.0647
lung_discrete	0.5000	0.1429	0.3084	0.3600	0.2348
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	0.5556	0.1481	0.2933	0.2941	0.2197
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.7115	0.2885	0.7120	0.4231	0.8032
magic04	0.8185	0.1815	0.7957	0.5740	0.5957
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7708	0.2292	0.7696	0.5387	0.7160
marketing	0.8929	0.1071	0.7519	0.4309	0.4261

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
maternal	0.6535	0.2310	0.6576	0.4645	0.5111
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6261	0.3739	0.6289	0.2547	0.8910
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	0.8889	0.0741	0.8889	0.8302	0.1290
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.7200	0.0560	0.7214	0.6889	0.2700
mfeat-fou	0.6350	0.0730	0.6340	0.5944	0.3337
mfeat-kar	0.6500	0.0700	0.6671	0.6111	0.3311
mfeat-mor	0.6450	0.0710	0.6461	0.6056	0.2388
mfeat-pix	0.6650	0.0670	0.7070	0.6278	0.2867
mfeat-zer	0.4650	0.1070	0.4659	0.4056	0.4674
mice-prot	0.9537	0.0116	0.9619	0.9470	0.0461
milk	0.9528	0.0314	0.9473	0.9273	0.1167
mines	0.5588	0.1765	0.4103	0.4420	0.3115
mobile	0.3846	0.0220	0.4127	0.3733	0.2619
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3889	0.1111	0.3753	0.2498	0.6010
musk	0.9318	0.0682	0.8602	0.6878	0.2544
MUT_ci300400a_cdk_ESTATE	0.7242	0.2758	0.7140	0.4273	0.7936
MUT_ci300400a_cdk_FCFP2	0.7689	0.2311	0.7644	0.5282	0.7231
MUT_ci300400a_cdk_FCFP4	0.7110	0.2890	0.7004	0.4002	0.8120
MUT_ci300400a_cdk_FCFP6	0.7026	0.2974	0.6888	0.3732	0.8172
MUT_ci300400a_cdk_MACCS	0.7218	0.2782	0.7121	0.4238	0.7973
MUT_ci300400a_rdkit_descriptors	0.7431	0.2569	0.7351	0.4689	0.7634
myocardial	0.8706	0.0324	0.2777	0.3247	0.1710
naticusdroid	0.9550	0.0450	0.9551	0.9100	0.2451
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.5000	0.1667	0.3793	0.4000	0.1784
ncRNA1%	0.8885	0.0117	0.3030	0.6611	0.2263
ncRNA10%	0.9072	0.0098	0.5032	0.7357	0.5651
neo	0.9064	0.0936	0.6474	0.0899	0.3018
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9048	0.0952	0.8056	0.6111	0.5744
newspop	0.6299	0.3701	0.6288	0.2576	0.9007
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9221	0.0312	0.6879	0.8852	0.1324
obesity	0.8483	0.0433	0.8484	0.8227	0.1685
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9842	0.0079	0.9453	0.9516	0.0540
oh0-wc	0.7525	0.0495	0.7793	0.7140	0.2313
oh10-wc	0.6571	0.0686	0.6700	0.6068	0.2536
oh15-wc	0.7065	0.0587	0.7338	0.6626	0.2642
oh5-wc	0.6703	0.0659	0.7368	0.6335	0.2538
olive	0.8947	0.0234	0.8652	0.8677	0.0712
opn310k	0.9122	0.0878	0.6376	0.1632	0.4493
opn310k10%	0.9104	0.0896	0.6024	0.1077	0.4740
opnat310k-hg16-17	0.9137	0.0863	0.6487	0.1788	0.4317

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
optdigits	0.6068	0.0786	0.6073	0.5631	0.4218
optdigitsZ	0.9573	0.0427	0.8928	0.7734	0.4682
orl	0.3500	0.0325	0.3142	0.3333	0.1711
orlraws10P	0.5000	0.1000	0.4565	0.4444	0.1678
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8093	0.1907	0.7830	0.5640	0.6665
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8413	0.1587	0.8447	0.6838	0.5614
p53-mutants	0.9959	0.0041	0.7111	0.3144	0.2409
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9580	0.0168	0.7755	0.7323	0.2013
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.9431	0.0569	0.9399	0.8768	0.2583
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8846	0.1154	0.8559	0.7115	0.5206
particle10%	0.8777	0.1223	0.8473	0.6944	0.5395
pasture	0.7500	0.1667	0.5714	0.6000	0.1321
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5258	0.4742	0.4467	-0.0766	0.9467
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8947	0.1053	0.8533	0.6981	0.4590
pediatric-leukemia	0.6176	0.1092	0.5114	0.5242	0.2524
pendigits	0.7771	0.0446	0.7756	0.7521	0.2603
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7988	0.2012	0.7816	0.5598	0.6723
personalities	0.2635	0.0921	0.2609	0.2144	0.7047
pet-adoption	0.9500	0.0500	0.9432	0.8843	0.2437
phishing	0.9265	0.0735	0.9243	0.8475	0.3603
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.9923	0.0022	0.9918	0.9911	0.0150
phone-acc1%	0.9983	0.0005	0.9982	0.9980	0.0048
phone-gyr0.1%	0.9950	0.0014	0.9946	0.9941	0.0107
phone-gyr1%	0.9980	0.0006	0.9979	0.9977	0.0053
phoneme	0.8241	0.1759	0.7726	0.5385	0.6488
phy	0.7080	0.2920	0.7080	0.4159	0.8105
pima	0.7237	0.2763	0.7029	0.3973	0.7848
pirvision	0.9876	0.0083	0.9784	0.9608	0.0838
placement	0.7780	0.2220	0.7715	0.5428	0.7098
plant-growth	0.7368	0.2632	0.7531	0.4809	0.6961
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4995	0.1001	0.0666	0.0000	0.1727
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.6305	0.1702	0.4165
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9612	0.0388	0.7666	0.4827	0.3605
polish-5th	0.9442	0.0558	0.7371	0.4332	0.4586
polya	0.7189	0.2811	0.6805	0.3529	0.8044
popularity	0.6449	0.2367	0.3927	0.1534	0.4746
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7583	0.0967	0.7786	0.6972	0.3099
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6678	0.3235	0.8359
prestige	0.6667	0.2222	0.6111	0.4906	0.2759
primary-tumor	0.3636	0.0579	0.1733	0.2856	0.2150
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9083	0.8000	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prostate	0.6429	0.3571	0.6443	0.2857	0.8758
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8820	0.0472	0.8119	0.8401	0.2258
puc-rio10%	0.8521	0.0591	0.7608	0.7986	0.2562
pufs-1281%	0.4883	0.5117	0.4883	-0.0233	1.0000
pufs-12810%	0.5017	0.4983	0.5019	0.0033	0.9500
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5019	0.4981	0.5020	0.0035	0.9516
pulsar	0.9800	0.0200	0.9381	0.8718	0.1509
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc	0.6600	0.0523	0.5947	0.5380	0.3954
re1-wc	0.7711	0.0183	0.5890	0.7372	0.1620
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9863	0.0137	0.9862	0.9722	0.0918
rnaseq	0.9500	0.0200	0.9303	0.9337	0.0795
rocket	0.6299	0.3701	0.6022	0.1968	0.8981
satimage	0.8180	0.0607	0.7931	0.7748	0.2701
satimageF	0.9798	0.0202	0.9461	0.8896	0.1561
satimageT	0.8974	0.1026	0.6940	0.3848	0.6506
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.8889	0.1111	0.8784	0.7273	0.4644
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8788	0.0346	0.8908	0.8587	0.1568
segmentation	0.8020	0.1980	0.7818	0.5630	0.6792
segmentO	0.9567	0.0433	0.9249	0.8429	0.3868
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9834	0.9662	0.1529
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8609	0.1391	0.4626	-0.0102	0.4516
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8579	0.1421	0.5100	0.0077	0.5788
sens-5-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-8-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-9-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sensorless	0.9526	0.0086	0.9545	0.9479	0.0703
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8889	0.1111	0.7733	0.5433	0.5977
shuttle	0.9978	0.0006	0.6013	0.9937	0.0205
sick	0.9735	0.0265	0.8892	0.7775	0.3572
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9909	0.0092	0.9861	0.9717	0.0449
skin10%	0.9886	0.0114	0.9825	0.9648	0.0819
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1048	0.0011	0.4258
smk_can_187	0.6316	0.3684	0.6333	0.2652	0.8937
smoking	0.7412	0.2588	0.7289	0.4561	0.7686
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7482	0.0839	0.5427	0.6733	0.1894
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.9559	0.0046	0.9162	0.9515	0.0149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spam-detection	0.9545	0.0455	0.8835	0.7589	0.4758
spambase	0.8674	0.1326	0.8615	0.7230	0.5297
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.5385	0.0342	0.4246	0.5079	0.1576
splice-EI	0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE	0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles	0.8200	0.1800	0.8051	0.6095	0.6396
squash-stored	0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8890	0.0740	0.8608	0.8200	0.2504
steel-b	0.8667	0.1333	0.7866	0.5676	0.5965
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9744	0.0256	0.9604	0.9175	0.0949
steel-o	0.7641	0.2359	0.7290	0.4214	0.6696
steel-p	0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s	0.9846	0.0154	0.8934	0.7617	0.0555
steel-z	0.9846	0.0154	0.9575	0.9145	0.2439
stellar	0.9682	0.0212	0.9627	0.9430	0.0949
stock	1.0000	0.0000	1.0000	1.0000	0.0000
stockb	0.9912	0.0059	0.9913	0.9868	0.0318
streaming	0.9900	0.0100	0.9899	0.9798	0.0757
stress	0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle	0.6250	0.1500	0.3542	0.4038	0.4398
student-depression	0.8215	0.1785	0.8146	0.6268	0.6208
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3692	0.2523	0.2744	0.1134	0.6122
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.4331	0.1250	0.3871
susy1%	0.7736	0.2264	0.7718	0.5391	0.7012
susy10%	0.7753	0.2247	0.7737	0.5421	0.6954
tae	0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn	0.8295	0.1705	0.7823	0.5646	0.6617
texture	0.7527	0.0450	0.7630	0.7277	0.2593
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9895	0.0105	0.8552	0.6619	0.0402
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.8105	0.1895	0.7850	0.5693	0.6685
tis	0.8953	0.1047	0.8533	0.7001	0.4686
tis10%	0.8582	0.1418	0.8036	0.6060	0.6045
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.1667	0.3111	0.3600	0.2171
tox_171	0.5294	0.2353	0.5526	0.3585	0.3677
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.8293	0.0379	0.7507	0.7873	0.1560
trec12-wc	0.8065	0.0484	0.8565	0.7666	0.1595
trec21-wc	0.7879	0.0848	0.6196	0.5075	0.3789
trec23-wc	0.9048	0.0317	0.9416	0.8658	0.0862
trec31-wc	0.9355	0.0215	0.9374	0.9136	0.0900
trec41-wc	0.9318	0.0136	0.8193	0.9171	0.1105
trec45-wc	0.7536	0.0493	0.7298	0.7097	0.1871
tuandromd	0.9552	0.0448	0.9294	0.8584	0.3016
turkish	0.5750	0.2125	0.5891	0.4333	0.4990

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews1%	0.8154	0.1846	0.8018	0.6037	0.6510
tvnews10%	0.8466	0.1534	0.8339	0.6676	0.5835
ur3_cobotops_grip	0.9701	0.0299	0.6798	0.2069	0.2605
ur3_cobotops_stop	0.9633	0.0367	0.6650	0.2917	0.5048
urban	0.6269	0.0829	0.6103	0.5572	0.2900
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7143	0.1429	0.6881	0.6157	0.3985
vehicleVAN	0.9167	0.0833	0.8873	0.7742	0.4332
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9346	0.8608	0.2605
vowel	0.4040	0.1084	0.4558	0.3444	0.3401
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9111	0.0889	0.6243	0.1085	0.3956
wap-wc	0.4936	0.0506	0.3643	0.4206	0.3105
warpar10p	0.3846	0.1231	0.2143	0.3020	0.1940
warppie10p	0.6667	0.0667	0.6933	0.6297	0.1454
watch-acc1%	0.9952	0.0014	0.9951	0.9944	0.0116
watch-gyr1%	0.9953	0.0013	0.9953	0.9945	0.0115
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.7560	0.1627	0.7557	0.6339	0.4889
weather-related	0.9462	0.0098	0.9460	0.9389	0.0643
web-phishing	0.8444	0.1037	0.7399	0.7154	0.4140
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9700	0.0150	0.9703	0.9600	0.0613
wilt	0.9710	0.0290	0.8406	0.6805	0.4428
wine	0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red	0.5975	0.1342	0.2758	0.3360	0.4428
winequality-white	0.4928	0.1449	0.2678	0.1984	0.4365
wisc_bc	0.8947	0.1053	0.8902	0.7782	0.4610
yale	0.3750	0.0833	0.3294	0.3333	0.1799
yeast	0.5541	0.0892	0.3798	0.4147	0.3514
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.6247	0.0751	0.6073	0.5757	0.3686

Table 282: Detailed results for DL (Large)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1639	0.0796	0.1126	0.0854	0.5438
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9800	0.0200	0.5755	0.1045	0.4719
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9726	0.0274	0.9437	0.8872	0.2774
adult	0.8397	0.1603	0.7576	0.4940	0.6091
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8810	0.1190	0.5325	0.0597	0.7131
AID_1431_KlekotaRothFingerprinter	0.8016	0.1984	0.4830	-0.0328	0.6707
AID_1431_MACCSFingerprinter	0.8730	0.1270	0.5243	0.0464	0.7227
AID_1878	0.8000	0.2000	0.6415	0.2811	0.7689
AID_602330	0.9583	0.0417	0.6343	0.1864	0.4396
AID_652128	0.8283	0.1145	0.3037	-0.0126	0.6370
AID1284Morered	0.6667	0.3333	0.4762	-0.0435	0.7274
AID1284red	0.7500	0.2500	0.5180	0.0357	0.7748
AID1608Morered	0.8544	0.1456	0.4607	-0.0782	0.6585
AID1608red	0.8932	0.1068	0.5489	0.0972	0.6514
AID362red	0.9790	0.0210	0.4947	-0.0094	0.5789
AID439Morered	0.8571	0.1429	0.8250	0.5882	0.5283
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.5500	0.4500	0.4886	-0.0227	0.9383
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9967	0.0033	0.4992	-0.0006	0.3287
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	-0.4651	0.7939
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
aids	0.8873	0.1127	0.8473	0.6947	0.5363
air_pollution	0.2633	0.2105	0.1635	0.0163	0.8785
airline	0.9407	0.0593	0.9397	0.8788	0.2951
alcohol	0.8667	0.0533	0.7813	0.7250	0.2496
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8140	0.1860	0.8006	0.6001	0.6547
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9777	0.0111	0.9613	0.9573	0.0539
anuran-genus	0.6885	0.0779	0.4945	0.4244	0.1819
anuran-species	0.7875	0.0425	0.5107	0.6998	0.1721
anxiety	0.0667	0.2074	0.0599	-0.0498	0.8399
apple-quality	0.8800	0.1200	0.8844	0.7600	0.4445
arabidopsis0.1%	0.9912	0.0088	0.7037	0.3957	0.4893
arcene	0.5500	0.4500	0.5214	0.0426	0.9729
arrhythmia	0.6667	0.0513	0.3320	0.4879	0.3186
auction	0.9265	0.0735	0.8320	0.6639	0.5160
audiology	0.9091	0.0165	0.8707	0.8919	0.0425
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9714	0.0286	0.9639	0.9278	0.2035
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.9000	0.0333	0.7526	0.8667	0.0771
avila	0.5007	0.0832	0.2471	0.1978	0.2566
babies	0.4758	0.1498	0.1967	0.1738	0.4341

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
balance	0.9677	0.0215	0.9770	0.9422	0.0946
bank	0.7842	0.2158	0.6739	0.3020	0.6302
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9101	0.0899	0.9018	0.8018	0.3997
basehock	0.9648	0.0352	0.9650	0.9297	0.1998
bio10%	0.9952	0.0048	0.8591	0.7176	0.3802
biodeg	0.8381	0.1619	0.8265	0.6517	0.5952
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.3676	0.1807	0.1865	0.0092	0.2411
body-perf	0.6843	0.1578	0.6925	0.5791	0.4078
brain-tumor	0.4965	0.5035	0.4963	-0.0073	1.0000
breast-cancer	0.6071	0.3929	0.6022	0.1895	0.8342
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.5833	0.6633	0.1095
bridges	0.8000	0.0571	0.5714	0.7183	0.0209
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4560	0.3627	0.3560	0.0331	0.7920
car	1.0000	0.0000	1.0000	1.0000	0.0000
car-insurance	0.7450	0.2550	0.7086	0.4167	0.7814
card	0.8406	0.1594	0.8358	0.6713	0.5861
cardiotocography	0.6573	0.0685	0.5725	0.5886	0.2614
cardiotocography-nsp	0.9061	0.0626	0.8270	0.7152	0.2321
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0106
cars	0.7500	0.1667	0.6363	0.5536	0.4772
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.7123	0.2877	0.7100	0.4132	0.7910
cas_N6512_RDkit_AtomPair_FP	0.7331	0.2669	0.7327	0.4649	0.7748
cas_N6512_rdkit_AVALON	0.7742	0.2258	0.7725	0.5448	0.7117
cas_N6512_RDkit_Avalon_FP	0.7899	0.2101	0.7893	0.5784	0.6832
cas_N6512_rdkit_descriptors	0.7769	0.2231	0.7751	0.5492	0.7048
cas_N6512_rdkit_FEATMORGAN	0.7496	0.2504	0.7511	0.4999	0.7444
cas_N6512_RDkit_Featmorgan_FP	0.7684	0.2316	0.7667	0.5333	0.7214
cas_N6512_RDkit_FP	0.7362	0.2638	0.7339	0.4673	0.7713
cas_N6512_rdkit_LAYERED	0.7677	0.2323	0.7668	0.5334	0.7223
cas_N6512_RDkit_Layered_FP	0.7239	0.2761	0.7222	0.4443	0.7899
cas_N6512_rdkit_MACCS	0.7819	0.2181	0.7808	0.5615	0.6985
cas_N6512_RDkit_MACCS_FP	0.7255	0.2745	0.7228	0.4441	0.7848
cas_N6512_rdkit_MORGAN	0.7354	0.2646	0.7330	0.4648	0.7713
cas_N6512_RDkit_morgan_FP	0.7699	0.2301	0.7690	0.5378	0.7186
cas_N6512_rdkit_PATTERN	0.7415	0.2585	0.7456	0.4859	0.7476
cas_N6512_RDkit_pattern_FP	0.7270	0.2730	0.7245	0.4479	0.7837
cas_N6512_rdkit_RDKITFP	0.7450	0.2550	0.7456	0.4900	0.7543
cas_N6512_rdkit_TORSION	0.7400	0.2600	0.7379	0.4755	0.7662
ccds1%	0.9368	0.0632	0.5578	0.1154	0.6282
ccds10%	0.9545	0.0455	0.6249	0.2370	0.5916
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7772	0.2228	0.7712	0.5352	0.6996
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9463	0.0537	0.6952	0.3898	0.6060
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9276	0.0724	0.5530	0.1036	0.6528
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9884	0.0116	0.9446	0.8828	0.3522
cervical-S	0.9186	0.0814	0.7453	0.4890	0.5993
children-anemia	0.8569	0.0715	0.8211	0.7880	0.2744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9988	0.0012	0.7988	0.5709	0.5314
chronic-kidney	0.9096	0.0904	0.5567	0.0839	0.6212
churn	0.7880	0.2120	0.7268	0.4392	0.7097
churn-bigml	0.8839	0.1161	0.7600	0.5193	0.6281
ci900367j_MACCS	0.6737	0.3263	0.6447	0.2874	0.8648
circles	0.0100	0.0198	0.0011	0.0000	0.2641
cirrhosis	0.7857	0.1429	0.5442	0.5891	0.4085
cjs	0.9929	0.0024	0.9915	0.9913	0.0115
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8000	0.1000	0.6744	0.6969	0.4281
climate	0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.9200	0.0800	0.7409	0.4595	0.5360
cmc	0.5646	0.2902	0.5579	0.3147	0.6604
cnae-9	0.9352	0.0144	0.9370	0.9271	0.0721
codon_usage	0.6853	0.0572	0.5078	0.6139	0.3008
coil20	0.3958	0.0604	0.3161	0.3643	0.2025
college	0.8831	0.1169	0.8749	0.7332	0.4908
collins	0.3200	0.0907	0.3109	0.2441	0.3584
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.7241	0.2759	0.7108	0.4171	0.7845
colposcopies-2	0.4828	0.5172	0.4779	-0.0432	0.9778
colposcopies-3	0.6552	0.3448	0.6446	0.2892	0.8782
colposcopies-4	0.7241	0.2759	0.6548	0.3095	0.8231
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7586	0.2414	0.7584	0.5155	0.7334
colposcopies-c	0.7586	0.2414	0.6545	0.3072	0.7986
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.8387	0.1075	0.8395	0.7463	0.1843
cottonmeloidogyne	0.7188	0.2812	0.7192	0.4377	0.7942
coupon	0.7327	0.2673	0.7255	0.4501	0.7790
covtype10%	0.4647	0.1529	0.3134	0.1386	0.4573
covtypeCD	0.9806	0.0194	0.9601	0.9197	0.2380
covtypeT	0.9748	0.0252	0.9080	0.8148	0.3875
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9986	0.0014	0.8387	0.6660	0.5022
crowdsourced	0.7014	0.0995	0.4535	0.3657	0.2433
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.2812	0.0359	0.1995	0.2618	0.1209
customer-churn	0.9802	0.0198	0.6565	0.1055	0.1698
cybersecurity	0.1400	0.2867	0.1349	-0.0330	0.8981
cyclopentane	0.7037	0.2963	0.7191	0.4194	0.7609
cylinder-bands	0.6852	0.3148	0.6764	0.3526	0.8440
darwin	0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1024	0.1795	0.1024	0.0029	0.9000
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7817	0.2183	0.6986	0.3956	0.7544
defect	0.8611	0.1389	0.7324	0.4637	0.6691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.7954	0.2046	0.6571	0.2874	0.6680
depressed	0.7972	0.2028	0.5425	0.0737	0.7862
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.3750	0.4167	0.2000	-0.2121	0.5526
dexter	0.7667	0.2333	0.7673	0.5333	0.7198
df_final	0.5000	0.3333	0.4598	0.2000	0.3773
DIA	0.7500	0.2500	0.6891	0.3750	0.7773

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k	0.9316	0.0684	0.8004	0.5972	0.5735
diabetic1%	0.5392	0.3072	0.4848	0.2355	0.7196
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9765	0.9771	0.0386
diamonds_all	0.4067	0.2373	0.2721	0.0204	0.3292
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.7565	0.2435	0.6658	0.2570	0.5594
dota210%	0.5359	0.4641	0.5347	0.0695	0.9778
drebin	0.9867	0.0133	0.9858	0.9715	0.1047
dropout	0.7336	0.1776	0.6484	0.5544	0.5166
drug-01	0.2766	0.2067	0.1698	0.0806	0.8051
drug-02	0.4628	0.1535	0.2888	0.2260	0.8102
drug-03	0.6170	0.1094	0.1909	0.1596	0.7235
drug-04	0.4521	0.1565	0.2196	0.1472	0.8131
drug-05	0.6330	0.1049	0.1349	0.0543	0.7693
drug-06	0.2713	0.2082	0.2001	0.1175	0.7239
drug-07	0.3883	0.1748	0.1352	0.0197	0.7321
drug-08	0.4468	0.1581	0.1689	0.1032	0.8020
drug-09	0.8298	0.0486	0.1299	-0.0126	0.4701
drug-10	0.4309	0.1626	0.1723	0.1247	0.7965
drug-11	0.7394	0.0745	0.1568	0.1344	0.8917
drug-12	0.7021	0.0851	0.2394	0.1160	0.6243
drug-13	0.5160	0.1383	0.2096	0.2190	0.8451
drug-14	0.5426	0.1307	0.2480	0.2321	0.6120
drug-15	0.6170	0.1094	0.1501	0.0240	0.7229
drug-16	0.5000	0.1429	0.2589	0.2286	0.6352
drug-17	0.2394	0.2173	0.2024	0.0920	0.8081
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6809	0.0912	0.1810	0.1697	0.5398
drybean	0.8163	0.0525	0.7781	0.7775	0.1765
ecoli	0.7353	0.0662	0.4166	0.6340	0.1997
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2118	-0.0540	0.8692
eeg	0.0835	0.1146	0.1556	0.0480	0.5219
eeg-eye	0.8511	0.1489	0.8494	0.6986	0.5596
eeg10%	0.3096	0.0863	0.3111	0.2375	0.6805
eucalyptus	0.6438	0.1425	0.6086	0.5408	0.3912
euthyroid	0.9399	0.0601	0.8277	0.6553	0.5095
exon.vs.intron-freq10%	0.9696	0.0304	0.9695	0.9390	0.1828
fakenews	0.5050	0.4950	0.5043	0.0085	0.9944
fbis-wc	0.2358	0.0899	0.1515	0.1872	0.3203
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.8627	0.1373	0.8731	0.7151	0.3522
financial-risk	0.5620	0.1460	0.2244	0.3077	0.2578
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.4500	0.1375	0.2073	0.2691	0.3092
forest	0.8846	0.0577	0.8499	0.8416	0.1806
gas	0.7182	0.0939	0.7403	0.6612	0.3064
gastrointestinal	0.6875	0.2083	0.6993	0.5322	0.3855
gender	0.5789	0.2807	0.3840	0.1693	0.5965

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gene	0.8927	0.0715	0.8846	0.8299	0.2872
german	0.7400	0.2600	0.7021	0.3968	0.7763
gestures	0.8553	0.0723	0.8571	0.8071	0.2655
gina	0.9135	0.0865	0.9137	0.8271	0.3909
glass	0.7143	0.0952	0.6933	0.5974	0.2684
glass-g2	0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.6250	0.3750	0.7241	0.3333	0.5239
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.7381	0.2619	0.7265	0.4477	0.7645
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.4219	0.2683	0.5320
gsalc	0.3333	0.2222	0.1635	0.1940	0.2399
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.4135	0.0977	0.2356	0.3314	0.2257
har	0.8180	0.0728	0.8122	0.7694	0.2594
har701%	0.7354	0.0756	0.4462	0.5608	0.1560
har7010%	0.3027	0.1992	0.2593	0.1760	0.3271
harth1%	0.0675	0.1554	0.1178	0.0065	0.3038
hayes-roth	0.5625	0.2917	0.4216	0.2533	0.4978
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.5800	0.2100	0.2479	-0.0355	0.6911
heart	0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack	0.8065	0.1935	0.8046	0.6092	0.6543
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.9780	0.0220	0.9744	0.9485	0.1394
heart-quantum	0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.8229	0.1771	0.8248	0.6454	0.6048
hERG-121inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-64inputs	0.7143	0.2857	0.7742	0.4615	0.5283
hERG-9inputs	0.6923	0.3077	0.5667	0.1333	0.8605
higgs0.1%	0.6182	0.3818	0.6165	0.2329	0.9127
higgs1%	0.6345	0.3655	0.6311	0.2600	0.8932
higher	0.2143	0.1964	0.0682	0.0723	0.3251
hinselmann	0.6000	0.4000	0.5519	0.0909	0.7720
hitters	0.8125	0.1875	0.8248	0.6293	0.5703
hiv1-proteasa	0.9241	0.0759	0.8663	0.7325	0.4786
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5833	0.2778	0.4913	0.2771	0.6989
hotel-reservartions	0.8432	0.1568	0.8240	0.6476	0.6056
hr	0.8070	0.1930	0.5587	0.1164	0.7780
ht-sensor10%	0.9366	0.0423	0.9385	0.9042	0.1451
htru2	0.9721	0.0279	0.9121	0.8214	0.2751
hypothyroid	0.9788	0.0106	0.6639	0.8754	0.1671
hypothyroidT	0.9867	0.0133	0.9541	0.9081	0.2428
ilpd	0.5932	0.4068	0.5993	0.1806	0.8284
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.8953	0.0523	0.9033	0.8604	0.1345
ionosphere	0.9429	0.0571	0.9346	0.8606	0.1858
iris	0.8667	0.0889	0.8676	0.7945	0.1292
irish	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
isolet	0.1155	0.0680	0.0393	0.0801	0.3674
jm1	0.8108	0.1892	0.6127	0.1496	0.6317
jvowels	0.4157	0.1299	0.4079	0.3394	0.3424
kc1	0.8863	0.1137	0.7591	0.3875	0.2517
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.6923	0.1231	0.3344	0.4348	0.2285
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8269	0.1731	0.7494	0.4979	0.6929
kddcup981%	0.8842	0.1158	0.4693	-0.0609	0.6212
kddcup991%	0.3816	0.0951	0.4391	0.2280	0.1187
kepler	0.8828	0.0781	0.8425	0.8085	0.2326
kidney	0.7868	0.0853	0.1991	0.0032	0.4879
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.1005	0.0999	0.0175	0.0107	0.4631
krvskp	0.9969	0.0031	0.9969	0.9937	0.0250
la1s-wc	0.6349	0.1217	0.6515	0.5570	0.4219
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5882	0.0358	0.5858	0.5685	0.1134
led24	0.7500	0.0500	0.7151	0.7183	0.0969
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.1685	0.0640	0.2105	0.1379	0.4219
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7500	0.0333	0.7554	0.7316	0.1078
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.6471	0.3529	0.6361	0.2635	0.8463
loan	0.9696	0.0304	0.9679	0.9356	0.1961
localization	0.2317	0.1397	0.1862	0.0455	0.3741
localization10%	0.3046	0.1264	0.2157	0.1276	0.4005
lrs	0.8113	0.0377	0.4529	0.7447	0.1672
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8500	0.0600	0.5872	0.6450	0.0892
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2	0.7778	0.0494	0.5135	0.7188	0.0294
machine-failure	0.8511	0.1489	0.8466	0.6932	0.5650
madelon	0.5462	0.4538	0.5465	0.0923	0.9678
magic04	0.6702	0.3298	0.7190	0.3818	0.6854
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8021	0.1979	0.8011	0.6010	0.6576
marketing	0.9062	0.0938	0.8025	0.6019	0.5488
maternal	0.7723	0.1518	0.7897	0.6516	0.3785
math	0.6750	0.1625	0.5581	0.5176	0.4320
mba	0.7597	0.1602	0.4100	0.2137	0.6415
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2133	0.3147	0.2138	0.0163	0.8691
messidor	0.6957	0.3043	0.6897	0.3793	0.8299
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8333	0.0833	0.8282	0.7652	0.2014
mfeat-fac	0.4000	0.1200	0.3958	0.3333	0.3266
mfeat-fou	0.4550	0.1090	0.4483	0.3944	0.3518

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-kar	0.7100	0.0580	0.7293	0.6778	0.2149
mfeat-mor	0.6450	0.0710	0.6520	0.6056	0.2089
mfeat-pix	0.5500	0.0900	0.5688	0.5000	0.2566
mfeat-zer	0.6850	0.0630	0.7401	0.6500	0.1973
mice-prot	0.9722	0.0069	0.9748	0.9682	0.0285
milk	0.9717	0.0189	0.9677	0.9563	0.0533
mines	0.8235	0.0706	0.8327	0.7792	0.2029
mobile	0.0455	0.0341	0.0056	0.0270	0.3604
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8361	0.1639	0.8143	0.6105	0.5504
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.1606	0.1526	0.2643	0.0651	0.4174
musk	0.9773	0.0227	0.9581	0.9154	0.2514
MUT_ci300400a_cdk_ECFP2	0.8201	0.1799	0.8165	0.6326	0.6302
MUT_ci300400a_cdk_ECFP4	0.8012	0.1988	0.7986	0.5957	0.6640
MUT_ci300400a_cdk_ECFP6	0.7808	0.2192	0.7757	0.5512	0.7045
MUT_ci300400a_cdk_ESTATE	0.7470	0.2530	0.7388	0.4774	0.7606
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.7725	0.2275	0.7717	0.5402	0.7089
MUT_ci300400a_cdk_FCFP4	0.8058	0.1942	0.7996	0.5989	0.6593
MUT_ci300400a_cdk_FCFP6	0.8022	0.1978	0.7970	0.5940	0.6665
MUT_ci300400a_cdk_MACCS	0.8309	0.1691	0.8267	0.6533	0.6091
MUT_ci300400a_cdk_PUBCHEM	0.8252	0.1749	0.8198	0.6394	0.6210
MUT_ci300400a_cdk_STANDARD	0.7569	0.2431	0.7574	0.5106	0.7302
MUT_ci300400a_rdkit_descriptors	0.8358	0.1642	0.8319	0.6637	0.5969
myocardial	0.8176	0.0456	0.3517	0.3561	0.6267
naticusdroid	0.9598	0.0402	0.9600	0.9195	0.2216
NCI60	0.6667	0.1111	0.6222	0.6000	0.1039
nci9	0.3333	0.1481	0.1905	0.2727	0.1761
ncRNA1%	0.8753	0.0131	0.2467	0.6138	0.2449
ncRNA10%	0.7719	0.0240	0.0473	-0.0038	0.2818
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5419	0.4581	0.5462	0.0909	0.9623
NHANES_age_prediction	0.9912	0.0088	0.9835	0.9670	0.1081
nomao	0.9452	0.0548	0.9338	0.8672	0.3278
NPHA-doctor-visits	0.4861	0.3426	0.4043	0.1105	0.7861
nursery	0.9745	0.0102	0.7158	0.9628	0.0693
obesity	0.2417	0.2167	0.1656	0.1207	0.3600
obs	0.9630	0.0185	0.9733	0.9448	0.0718
occupancy	0.9815	0.0185	0.9738	0.9476	0.1437
Occupancy_Estimation	0.6397	0.1802	0.7491	0.3806	0.2361
oh0-wc	0.8317	0.0337	0.8162	0.8081	0.1643
oh10-wc	0.6857	0.0629	0.7030	0.6390	0.2715
oh15-wc	0.7174	0.0565	0.6996	0.6808	0.2670
oh5-wc	0.7912	0.0418	0.7904	0.7644	0.1926
olive	0.8596	0.0312	0.7997	0.8211	0.1127
opn310k10%	0.8551	0.1449	0.6763	0.3307	0.6449
optdigits	0.4715	0.1057	0.5255	0.4143	0.3381
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.2500	0.0375	0.1958	0.2308	0.1732
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	0.8800	0.1200	0.8742	0.7458	0.5017
ozone1hr	0.9407	0.0593	0.5437	0.0871	0.6242
ozone8hr	0.8300	0.1700	0.6063	0.1886	0.6102
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8144	0.1856	0.8004	0.5984	0.6536

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8566	0.7131	0.5449
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.9580	0.0168	0.7480	0.7122	0.0565
parkinson	1.0000	0.0000	1.0000	1.0000	0.0000
parkinsons	0.7583	0.2417	0.7427	0.4853	0.7497
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.9082	0.0918	0.8971	0.7864	0.4453
particle10%	0.8992	0.1008	0.8726	0.7439	0.4662
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.6644	0.2997	0.5774
pcmac	0.4948	0.5052	0.4913	-0.0172	0.9904
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8795	0.7586	0.4760
pediatric-leukemia	0.7353	0.0756	0.6428	0.6782	0.2174
pendigits	0.4395	0.1121	0.4530	0.3744	0.3370
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7551	0.2449	0.7435	0.4861	0.7501
personalities	0.8258	0.0218	0.8350	0.8142	0.2116
pet-adoption	0.8650	0.1350	0.8508	0.7005	0.5534
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
phone-acc0.1%	0.5651	0.1243	0.5014	0.4908	0.2821
phone-acc1%	0.1723	0.2365	0.2273	0.0353	0.4256
phone-gyr0.1%	0.5678	0.1235	0.6060	0.4978	0.2770
phone-gyr1%	0.3188	0.1946	0.3992	0.2072	0.3724
phoneme	0.8685	0.1315	0.8320	0.6580	0.5356
phy	0.6890	0.3110	0.6899	0.3783	0.8311
pima	0.6447	0.3553	0.6093	0.2059	0.8767
pirvision	0.9928	0.0048	0.9856	0.9770	0.0356
placement	0.7910	0.2090	0.7906	0.5781	0.6767
plant-growth	0.6842	0.3158	0.6910	0.3736	0.8166
plrx	0.6111	0.3889	0.4834	-0.0328	0.9365
poker1%	0.5005	0.0999	0.1037	0.0067	0.2375
poker10%	0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st	0.9587	0.0413	0.5577	0.0552	0.4343
polish-2nd	0.9499	0.0501	0.4871	-0.0173	0.5909
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.8316	0.1684	0.6599	0.2346	0.4858
polish-5th	0.9306	0.0694	0.6274	0.1736	0.4868
polya	0.7297	0.2703	0.7072	0.4143	0.7949
popularity	0.5516	0.2989	0.3662	0.0477	0.7396
post-operative	0.4444	0.3704	0.2051	-0.3636	0.5085
postures	0.6771	0.1292	0.6885	0.5961	0.2836
pred-tox_mutagen_ref-desc	0.7353	0.2647	0.7369	0.4706	0.7633
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.3333	0.1026	0.2897	0.2637	0.3417
profb	0.7612	0.2388	0.7234	0.4457	0.7589
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8377	0.0649	0.8251	0.7862	0.1834
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.4954	0.5046	0.4954	-0.0092	1.0000
pulsar	0.9832	0.0168	0.9496	0.8991	0.2234
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc	0.2000	0.1231	0.2435	0.1376	0.4097
re1-wc	0.2169	0.0627	0.0839	0.1533	0.4519

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rejafada	0.9749	0.0251	0.7787	0.4356	0.0807
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9846	0.0154	0.9845	0.9689	0.1088
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6067	0.3933	0.6273	0.2384	0.8599
satimage	0.8756	0.0415	0.8558	0.8461	0.1903
satimageF	0.9891	0.0109	0.9721	0.9442	0.1683
satimageT	0.9331	0.0669	0.7861	0.5077	0.3241
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.4706	0.5294	0.4697	-0.0588	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8910	0.1090	0.5238	0.0474	0.6798
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.6494	0.1002	0.5805	0.5897	0.2217
segmentation	0.8366	0.1634	0.8196	0.6383	0.6061
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9147	0.0853	0.5893	0.1714	0.6634
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.5144	0.4856	0.5091	0.0118	0.5918
sens-2-gram	0.8447	0.1553	0.5999	0.1900	0.7350
sens-3-gram	0.8447	0.1553	0.5925	0.1733	0.7347
sens-4-gram	0.8316	0.1684	0.5309	0.0544	0.7614
sens-5-gram	0.8132	0.1868	0.5733	0.1462	0.7659
sens-6-gram	0.8421	0.1579	0.5811	0.1505	0.7401
sens-7-gram	0.7474	0.2526	0.4904	-0.0190	0.7668
sens-8-gram	0.8368	0.1632	0.5475	0.0840	0.7503
sens-9-gram	0.8421	0.1579	0.5964	0.1845	0.7403
sensorless	0.2533	0.1358	0.1603	0.1787	0.3453
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8621	0.1379	0.6979	0.3805	0.6579
shuttle	0.9536	0.0133	0.4986	0.8672	0.0446
sick	0.9682	0.0318	0.8629	0.7223	0.3795
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9993	0.0007	0.9989	0.9978	0.0162
skin10%	0.9980	0.0020	0.9969	0.9938	0.0375
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2000	0.4000	0.2020	-0.0650	0.8685
smk_can_187	0.8421	0.1579	0.8427	0.6816	0.5635
smoking	0.7307	0.2693	0.7447	0.4667	0.7165
soil_pollution	0.1867	0.3253	0.1867	-0.0175	0.8791
solar-flare	0.7698	0.0767	0.6715	0.7076	0.2399
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.5441	0.0480	0.4466	0.5124	0.1664
spam-detection	0.9525	0.0475	0.8678	0.7333	0.4796
spambase	0.9174	0.0826	0.9138	0.8276	0.3898
spect	0.7407	0.2593	0.6469	0.2921	0.7993
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.3269	0.0499	0.1878	0.2849	0.1933
splice-EI	0.9590	0.0410	0.9465	0.8927	0.2830
splice-IE	0.9117	0.0883	0.8789	0.7577	0.4703
sport-articles	0.8200	0.1800	0.8037	0.6051	0.6337
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.9677	0.0323	0.9666	0.9310	0.1967
steel_industry	0.7962	0.1358	0.7614	0.6538	0.2747

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-b	0.8154	0.1846	0.7270	0.4539	0.7167
steel-d	0.9897	0.0103	0.9069	0.7950	0.0398
steel-k	0.9795	0.0205	0.9693	0.9382	0.2014
steel-o	0.7744	0.2256	0.7614	0.5197	0.7181
steel-p	0.9231	0.0769	0.7077	0.4046	0.5933
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9487	0.0513	0.8770	0.7444	0.4901
stock	0.8681	0.1319	0.7804	0.5607	0.6342
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.9600	0.0400	0.9596	0.9192	0.2280
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5300	0.1880	0.3392	0.2833	0.4370
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3300	0.2680	0.2784	0.0074	0.7873
student-weekend	0.3231	0.2708	0.2349	0.1015	0.7870
student-workday	0.6562	0.1375	0.2307	0.1693	0.6170
studentap	0.3846	0.4103	0.3833	0.0545	0.7688
susy1%	0.7760	0.2240	0.7744	0.5436	0.6947
tae	0.4667	0.3556	0.4762	0.2000	0.5980
telco-churn	0.8949	0.1051	0.8636	0.7268	0.4966
texture	0.2709	0.1326	0.2276	0.1937	0.3015
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.7234	0.2766	0.5376	0.0728	0.7679
thrombin	0.9738	0.0262	0.4934	-0.0084	0.5340
Thyroid_Diff	1.0000	0.0000	1.0000	1.0000	0.0000
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis10%	0.7388	0.2612	0.7024	0.3898	0.7494
titanic	0.7955	0.2045	0.7581	0.5123	0.6962
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f	0.6471	0.3529	0.5858	0.1639	0.8952
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.5287	0.0286	0.7084
trec11-wc	0.8049	0.0434	0.7499	0.7620	0.1403
trec12-wc	0.9355	0.0161	0.9302	0.9229	0.0495
trec21-wc	0.6970	0.1010	0.2596	0.4482	0.2539
trec23-wc	0.8095	0.0635	0.8634	0.7470	0.2306
trec31-wc	0.7742	0.0753	0.6320	0.7013	0.2376
trec41-wc	0.5455	0.0909	0.4183	0.4686	0.2705
trec45-wc	0.6087	0.0783	0.5656	0.5478	0.2826
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.8000	0.1000	0.8059	0.7333	0.2657
tvnews1%	0.8769	0.1231	0.8730	0.7424	0.5042
tvnews10%	0.8096	0.1904	0.7919	0.5819	0.6575
ur3_cobotops_grip	0.9741	0.0259	0.7495	0.3374	0.0823
ur3_cobotops_stop	0.9537	0.0463	0.6956	0.3898	0.5971
urban	0.7612	0.0531	0.7129	0.7193	0.1859
urinalysis	0.9161	0.0839	0.6028	0.2056	0.6527
vehicle	0.7857	0.1071	0.7491	0.7091	0.2485
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.4444	0.1010	0.4071	0.3889	0.2440
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.2179	0.0782	0.2251	0.1738	0.3691
warpar10p	0.5385	0.0923	0.5049	0.4834	0.1752
warppie10p	0.8571	0.0286	0.8821	0.8409	0.0655

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc1%	0.5109	0.1398	0.6087	0.4350	0.3468
watch-gyr1%	0.6772	0.0922	0.7185	0.6238	0.2893
water_pollution	0.2267	0.3867	0.2283	-0.0331	0.8734
waveform	0.8000	0.1333	0.8033	0.7000	0.4166
weather-related	0.4596	0.0983	0.4303	0.3841	0.3101
web-phishing	0.8222	0.1185	0.7960	0.6814	0.4235
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.8904	0.0438	0.8834	0.8614	0.2024
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9850	0.0075	0.9851	0.9800	0.0382
wilt	0.9959	0.0041	0.9793	0.9578	0.1858
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6226	0.1258	0.2917	0.3901	0.4900
winequality-white	0.5603	0.1256	0.3463	0.3456	0.6245
winnipeg10%	0.5916	0.1167	0.5129	0.5113	0.2588
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.3125	0.0917	0.2440	0.2636	0.2044
yeast	0.5878	0.0824	0.4880	0.4909	0.5135
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.8520	0.6542	0.5283
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495
zip	0.5409	0.0918	0.5646	0.4806	0.3111

Table 283: Detailed results for DL (Medium)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1494	0.0810	0.1316	0.0778	0.6560
abalone19	0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.9775	0.0225	0.6493	0.2964	0.5678
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9695	0.0305	0.9368	0.8736	0.2888
adult	0.8460	0.1540	0.7687	0.5191	0.5977
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8571	0.1429	0.5117	0.0233	0.7243
AID_1431_KlekotaRothFingerprinter	0.7778	0.2222	0.4733	-0.0494	0.6436
AID_1431_MACCSFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878	0.7905	0.2095	0.6002	0.1940	0.7885
AID_602330	0.9323	0.0677	0.4825	-0.0331	0.6496
AID_652128	0.7879	0.1414	0.3826	0.0348	0.6490
AID1284Morered	0.6944	0.3056	0.4891	-0.0206	0.7441
AID1284red	0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered	0.8641	0.1359	0.5794	0.1518	0.6392
AID1608red	0.8738	0.1262	0.5354	0.0682	0.6213
AID362red	0.9836	0.0164	0.6183	0.2149	0.5259
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9950	0.0050	0.4987	-0.0024	0.5429
AID604	0.9968	0.0032	0.6890	0.2044	0.1502
AID604AID644_AllRed	0.9988	0.0012	0.4997	-0.0003	0.4066
AID644Morered	0.6000	0.4000	0.5238	0.0476	0.9294
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9991	0.0009	0.4998	-0.0004	0.5319
AID687red	0.9964	0.0036	0.4991	-0.0010	0.4450
AID688red	0.9868	0.0132	0.5258	0.0466	0.5599
AID721morered	0.2222	0.7778	0.1818	-0.4651	0.7939
AID721red	0.3333	0.6667	0.2500	-0.4211	0.8208
AID746AID1284red	0.9983	0.0017	0.4996	-0.0008	0.5343
AID746red	0.9935	0.0065	0.5522	0.0474	0.3523
aids	0.8920	0.1080	0.8496	0.6976	0.5091
air_pollution	0.2500	0.2143	0.1384	0.0082	0.9047
air-booking	0.8496	0.1504	0.5941	0.1020	0.5641
airline	0.9514	0.0486	0.9505	0.9008	0.2571
alcohol	0.8762	0.0495	0.7032	0.7227	0.1746
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8837	0.1163	0.8718	0.7433	0.4931
anneal	0.9775	0.0090	0.9732	0.9524	0.0790
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9958	0.0021	0.9798	0.9921	0.0138
anuran-genus	0.9903	0.0024	0.9688	0.9840	0.0510
anuran-species	0.9889	0.0022	0.9820	0.9845	0.0276
anxiety	0.0583	0.2093	0.0567	-0.0600	0.8368
apple-quality	0.9300	0.0700	0.9300	0.8600	0.3383
aps-failure	0.9870	0.0130	0.8049	0.6082	0.4535
arabidopsis0.1%	0.9765	0.0235	0.4940	-0.0112	0.4586
arabidopsis1%	0.9903	0.0097	0.5859	0.1497	0.5171
arabidopsis10%	0.9909	0.0091	0.5529	0.0638	0.4309
arcene	0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.6444	0.0547	0.2637	0.4326	0.3005
auction	0.9804	0.0196	0.9549	0.9088	0.1707
audiology	0.8636	0.0248	0.8594	0.8362	0.0767
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent	0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult	0.9571	0.0429	0.9470	0.8934	0.2857
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.9500	0.0167	0.7933	0.9340	0.0386
avila	0.9732	0.0045	0.9710	0.9651	0.0550
babies	0.3871	0.1751	0.1989	0.0841	0.6491
balance	0.9677	0.0215	0.9770	0.9422	0.0946
bank	0.9007	0.0993	0.7486	0.4972	0.6253
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8917	0.1083	0.8818	0.7632	0.4673
basehock	0.9799	0.0201	0.9799	0.9598	0.1334
bio	0.9970	0.0030	0.9106	0.8196	0.2561
bio10%	0.9945	0.0055	0.8448	0.6895	0.4286
biodeg	0.8667	0.1333	0.8625	0.7226	0.5300
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.7665	0.0667	0.1687	0.0210	0.0988
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.7104	0.1448	0.7102	0.6139	0.4367
bookings	0.9901	0.0066	0.8035	0.9790	0.0763
brain-tumor	0.4940	0.5060	0.4939	-0.0122	1.0000
breast-cancer	0.6786	0.3214	0.6210	0.2410	0.8562
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.6000	0.1143	0.3636	0.4595	0.2016
bub10at310k-hg16-17	0.8961	0.1039	0.6015	0.1818	0.6610
bub12at310k-hg16-17	0.8799	0.1201	0.6303	0.2605	0.6930
bub8at310k-hg16-17	0.8982	0.1018	0.6130	0.2040	0.6536
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.3750	0.6250	0.3708	-0.2500	1.0000
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4070	0.3953	0.3099	-0.0402	0.8183
car	1.0000	0.0000	1.0000	1.0000	0.0000
car-insurance	0.8120	0.1880	0.7779	0.5551	0.6745
card	0.8116	0.1884	0.8052	0.6078	0.6398
cardiotocography	0.8404	0.0319	0.8228	0.8089	0.2003
cardiotocography-nsp	0.8920	0.0720	0.7787	0.6852	0.3386
cardiovascular	0.7016	0.2984	0.7065	0.4033	0.7933
cargo2k	0.9975	0.0017	0.9974	0.9962	0.0099
cars	0.7750	0.1500	0.6868	0.5895	0.4909
cas_N6512_cdk_ECFP2	0.7327	0.2673	0.7326	0.4645	0.7745
cas_N6512_rdkit_ATOMPAIR	0.7277	0.2723	0.7264	0.4528	0.7841
cas_N6512_RDkit_AtomPair_FP	0.7423	0.2577	0.7400	0.4787	0.7603
cas_N6512_rdkit_AVALON	0.7926	0.2074	0.7926	0.5844	0.6768
cas_N6512_RDkit_Avalon_FP	0.7945	0.2055	0.7935	0.5869	0.6758
cas_N6512_rdkit_descriptors	0.7877	0.2123	0.7872	0.5741	0.6870
cas_N6512_rdkit_FEATMORGAN	0.7512	0.2488	0.7488	0.4961	0.7459
cas_N6512_RDkit_Featmorgan_FP	0.7638	0.2362	0.7628	0.5255	0.7288
cas_N6512_RDkit_FP	0.7684	0.2316	0.7672	0.5344	0.7215
cas_N6512_rdkit_LAYERED	0.7646	0.2354	0.7652	0.5290	0.7234
cas_N6512_RDkit_Layered_FP	0.7546	0.2454	0.7526	0.5049	0.7434
cas_N6512_rdkit_MACCS	0.7803	0.2197	0.7785	0.5553	0.6968
cas_N6512_RDkit_MACCS_FP	0.7837	0.2163	0.7839	0.5669	0.6921

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.7338	0.2662	0.7317	0.4631	0.7754
cas_N6512_RDkit_morgan_FP	0.7408	0.2592	0.7390	0.4779	0.7653
cas_N6512_rdkit_PATTERN	0.7600	0.2400	0.7617	0.5208	0.7272
cas_N6512_RDkit_pattern_FP	0.7577	0.2423	0.7591	0.5159	0.7320
cas_N6512_rdkit_RDKITFP	0.7634	0.2366	0.7626	0.5251	0.7291
cas_N6512_rdkit_TORSION	0.7092	0.2908	0.7067	0.4129	0.8097
ccds1%	0.9203	0.0797	0.5118	0.0233	0.5996
ccds10%	0.9476	0.0524	0.5896	0.1746	0.6222
cdc_diabetes	0.8439	0.1041	0.4220	0.2217	0.3530
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7876	0.2124	0.7798	0.5540	0.6876
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.7462	0.4921	0.5747
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9350	0.0650	0.6286	0.2564	0.6334
CDS49_AID687_Rdkit-ecfp4-fp	0.9958	0.0042	0.4989	-0.0021	0.5356
census	0.9466	0.0534	0.7209	0.3832	0.4336
census10%	0.9408	0.0592	0.6933	0.3743	0.5769
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7933	0.5841	0.5676
cervical-C	0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia	0.8683	0.0658	0.8367	0.8024	0.2568
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9997	0.0003	0.4999	-0.0001	0.5015
chronic-kidney	0.9277	0.0723	0.6680	0.2273	0.4186
churn	0.8050	0.1950	0.6992	0.3985	0.7406
churn-bigml	0.9026	0.0974	0.7968	0.5923	0.5698
ci900367j_MACCS	0.7474	0.2526	0.7347	0.4690	0.7630
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.6944	0.5927	0.4408
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8509	0.0745	0.7549	0.7710	0.3597
climate	0.9815	0.0185	0.9290	0.8475	0.0659
cll_sub_111	0.6667	0.2222	0.7090	0.4894	0.4675
cm1	0.8600	0.1400	0.5740	0.1463	0.7265
cmc	0.4422	0.3719	0.4152	0.1341	0.7922
cnae-9	0.9537	0.0103	0.9548	0.9479	0.0526
codon_usage	0.9171	0.0151	0.7605	0.8995	0.1584
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	0.5600	0.0587	0.5179	0.5139	0.2536
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2	0.5862	0.4138	0.5288	0.0543	0.9466
colposcopies-3	0.7241	0.2759	0.7108	0.4171	0.7875
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6	0.6897	0.3103	0.6913	0.3741	0.8142
colposcopies-c	0.7241	0.2759	0.6234	0.2468	0.8309
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8387	0.1075	0.8358	0.7430	0.2921
comedy_comparisons1%	0.5040	0.4960	0.5063	0.0124	0.9910
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7356	0.2644	0.7356	0.4711	0.7719
coupon	0.7192	0.2808	0.7124	0.4244	0.7991

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype	0.4592	0.1545	0.4090	0.1451	0.3403
covtype10%	0.8182	0.0519	0.6597	0.7020	0.3330
covtypeCD	0.9911	0.0089	0.9809	0.9619	0.1068
covtypeT	0.9865	0.0135	0.9480	0.8961	0.2407
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9995	0.0005	0.9188	0.8349	0.2005
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9382	0.0206	0.8433	0.8731	0.2383
cryotherapy	0.7778	0.2222	0.7750	0.5500	0.7072
cultivars	0.6562	0.0172	0.4964	0.6462	0.0432
customer-churn	0.9802	0.0198	0.6565	0.1055	0.1698
cybersecurity	0.1733	0.2756	0.1733	0.0078	0.8807
cyclopentane	0.5926	0.4074	0.5843	0.1681	0.9372
cylinder-bands	0.7222	0.2778	0.7276	0.4475	0.7689
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dating	0.1012	0.1798	0.1010	0.0009	0.8968
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8173	0.1827	0.7147	0.4234	0.7080
defect	0.8796	0.1204	0.7682	0.5352	0.6225
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8936	0.1064	0.7191	0.4336	0.6348
depressed	0.7762	0.2238	0.5395	0.0759	0.8154
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.4099	0.2000	0.4997
dexter	0.8833	0.1167	0.8835	0.7667	0.4763
df_final	0.5000	0.3333	0.3926	0.2000	0.5494
DIA	0.7667	0.2333	0.6889	0.3778	0.7765
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9634	0.0366	0.8722	0.7347	0.3148
diabetes-risk	0.9164	0.0836	0.8699	0.7391	0.4598
diabetic	0.5608	0.2928	0.4057	0.1380	0.6237
diabetic1%	0.5490	0.3007	0.4884	0.2317	0.7320
diabetic10%	0.4745	0.3504	0.3851	0.0869	0.7897
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7738	0.0905	0.7615	0.6799	0.3332
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.3750	0.6250	0.3909	-0.2000	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.8696	0.1304	0.6660	0.3280	0.6797
dota2	0.5887	0.4113	0.5882	0.1763	0.9378
dota210%	0.5398	0.4602	0.5381	0.0761	0.9757
drebin	0.9814	0.0186	0.9802	0.9602	0.1372
dropout	0.7178	0.1881	0.6497	0.5397	0.5446
drug-01	0.2660	0.2097	0.1311	-0.0224	0.8178
drug-02	0.3830	0.1763	0.1612	0.0810	0.8774
drug-03	0.5691	0.1231	0.1563	0.0755	0.6462
drug-04	0.4149	0.1672	0.2411	0.1305	0.8202
drug-05	0.5851	0.1185	0.1283	-0.0563	0.7969
drug-06	0.3404	0.1885	0.2646	0.2019	0.7188
drug-07	0.3457	0.1869	0.1684	-0.0258	0.6108
drug-08	0.4840	0.1474	0.2531	0.2163	0.7995
drug-09	0.7713	0.0654	0.1383	0.0397	0.5689
drug-10	0.4415	0.1596	0.1961	0.1459	0.7637

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.7713	0.0654	0.1496	0.0096	0.6278
drug-12	0.7128	0.0821	0.1212	0.0075	0.5575
drug-13	0.5160	0.1383	0.1608	0.1925	0.7612
drug-14	0.5053	0.1413	0.2403	0.2107	0.6827
drug-15	0.6489	0.1003	0.1524	0.0769	0.8541
drug-16	0.5319	0.1337	0.2514	0.2652	0.6578
drug-17	0.2394	0.2173	0.1539	0.0481	0.8757
drug-18	0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19	0.6596	0.0973	0.1676	0.1371	0.5367
drybean	0.9184	0.0233	0.9336	0.9013	0.1314
ecoli	0.7647	0.0588	0.4753	0.6762	0.1568
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.3000	0.3500	0.2961	0.0659	0.8303
eeg	0.5063	0.0617	0.5260	0.4539	0.5818
eeg-eye	0.9279	0.0721	0.9271	0.8542	0.3471
eeg10%	0.3875	0.0766	0.4009	0.3247	0.6551
eucalyptus	0.5342	0.1863	0.5102	0.4034	0.4537
euthyroid	0.9494	0.0506	0.8612	0.7219	0.4761
exon.vs.intron-freq	0.9756	0.0244	0.9756	0.9511	0.1555
exon.vs.intron-freq10%	0.9718	0.0282	0.9717	0.9433	0.1733
fakenews	0.5125	0.4875	0.5126	0.0251	0.9926
farm-ads	0.8865	0.1135	0.8859	0.7718	0.4707
fbis-wc	0.7967	0.0239	0.7114	0.7707	0.1761
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk	0.8705	0.0432	0.5697	0.7972	0.2476
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.5000	0.1250	0.2847	0.3631	0.2316
fonts10%	0.0749	0.0121	0.0188	0.0647	0.3624
forest	0.8846	0.0577	0.8691	0.8411	0.1798
gas	0.9835	0.0055	0.9835	0.9799	0.0350
gastrointestinal	0.6875	0.2083	0.6898	0.5031	0.5143
gender	0.5621	0.2919	0.3986	0.0955	0.6870
gene	0.9148	0.0568	0.9073	0.8646	0.2453
german	0.7200	0.2800	0.6815	0.3593	0.8117
gestures	0.8836	0.0582	0.8835	0.8448	0.2362
gina	0.9280	0.0720	0.9279	0.8558	0.3453
gisette	0.9700	0.0300	0.9700	0.9400	0.1817
glass	0.7619	0.0794	0.7440	0.6698	0.2296
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8452	0.1548	0.8465	0.6880	0.5623
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.6301	0.3824	0.4265
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.9561	0.0073	0.8601	0.9481	0.0542

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har	0.9796	0.0082	0.9782	0.9742	0.0507
har70	0.1296	0.2487	0.2201	0.0278	0.3086
har701%	0.8642	0.0388	0.5298	0.8047	0.3525
har7010%	0.5974	0.1150	0.4422	0.4966	0.1980
harth1%	0.6405	0.0599	0.4245	0.5214	0.2817
harth10%	0.2103	0.1316	0.1867	0.1094	0.3129
hayes-roth	0.6875	0.2083	0.8029	0.5210	0.2110
hcc-survival	0.5294	0.4706	0.5143	0.0286	0.9808
health-activity	0.6600	0.1700	0.2260	0.0236	0.5827
heart	0.8889	0.1111	0.8877	0.7731	0.4662
heart-attack	0.7742	0.2258	0.7815	0.5526	0.6797
heart-c	0.8000	0.2000	0.7991	0.5982	0.6654
heart-failure	0.9720	0.0280	0.9676	0.9336	0.1343
heart-quantum	0.8600	0.1400	0.8557	0.7107	0.5461
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%	0.8419	0.1581	0.8445	0.6841	0.5607
hepmass10%	0.8470	0.1530	0.8473	0.6940	0.5650
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6555	0.3445	0.6577	0.3133	0.8668
higgs1%	0.6945	0.3055	0.6924	0.3820	0.8233
higgs10%	0.6804	0.3196	0.6890	0.3675	0.8149
higher	0.2143	0.1964	0.1461	0.0994	0.3451
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.9174	0.0826	0.8568	0.7133	0.5063
hiva	0.9480	0.0520	0.6199	0.2397	0.6145
horse	0.5833	0.2778	0.5175	0.2683	0.6673
hotel-reservartions	0.8820	0.1180	0.8649	0.7295	0.5061
hr	0.7860	0.2140	0.4719	-0.0538	0.8070
ht-sensor	0.5174	0.3218	0.4844	0.2719	0.3634
ht-sensor10%	0.8525	0.0983	0.8600	0.7749	0.1993
htru2	0.9782	0.0218	0.9337	0.8673	0.2723
hypothyroid	0.9761	0.0119	0.6681	0.8616	0.1392
hypothyroidT	0.9920	0.0080	0.9739	0.9465	0.2137
ilpd	0.7119	0.2881	0.6069	0.1995	0.8360
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9700	0.0150	0.9701	0.9600	0.0662
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8678	0.0102	0.8741	0.8625	0.0964
jm1	0.7778	0.2222	0.6124	0.2215	0.7973
jvowels	0.9789	0.0047	0.9779	0.9761	0.0338
kc1	0.8483	0.1517	0.6697	0.3253	0.6935
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6154	0.1538	0.2974	0.2262	0.4119
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.6616	0.3185	0.7781
kdc-4007	0.8080	0.0549	0.8152	0.7760	0.2733
kddcup981%	0.8316	0.1684	0.5235	0.0380	0.5162
kddcup9810%	0.9183	0.0817	0.5041	0.0078	0.6663
kddcup991%	0.2447	0.1162	0.4633	0.0603	0.1776
kddcup9910%	0.1969	0.0698	0.0143	0.0000	0.1549
kepler	0.8640	0.0907	0.8157	0.7763	0.2515
kidney	0.7128	0.1149	0.2113	0.0047	0.7896
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krkopt	0.5319	0.0520	0.6255	0.4770	0.2977
krvskp	0.9906	0.0094	0.9907	0.9812	0.0652
la1s-wc	0.8222	0.0593	0.7958	0.7793	0.3065
la2s-wc	0.8411	0.0530	0.8193	0.8025	0.2772
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0205	0.7631	0.7532	0.0579
led24	0.6500	0.0700	0.6316	0.6067	0.1421
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7695	0.0177	0.7893	0.7603	0.1731
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.9444	0.0074	0.9556	0.9404	0.0242
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7647	0.2353	0.7455	0.4868	0.7356
loan	0.9719	0.0281	0.9703	0.9394	0.1407
localization	0.6279	0.0677	0.4249	0.5254	0.4560
localization10%	0.6632	0.0612	0.4214	0.5724	0.5594
lrs	0.8868	0.0226	0.5242	0.8433	0.0560
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9033	0.8050	0.4227
madelon	0.5423	0.4577	0.5426	0.0846	0.9710
magic04	0.8569	0.1431	0.8421	0.6839	0.5643
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8125	0.6245	0.6395
marketing	0.8884	0.1116	0.7594	0.5130	0.6032
maternal	0.8119	0.1254	0.8201	0.7132	0.3748
math	0.7500	0.1250	0.7390	0.6289	0.3708
mba	0.7661	0.1559	0.3952	0.1921	0.6653
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2067	0.3173	0.2085	0.0075	0.8669
messidor	0.6783	0.3217	0.6696	0.3377	0.8504
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9750	0.0050	0.9756	0.9722	0.0315
mfeat-fou	0.8300	0.0340	0.8307	0.8111	0.1467
mfeat-kar	0.9600	0.0080	0.9607	0.9556	0.0507
mfeat-mor	0.7450	0.0510	0.7528	0.7167	0.1882
mfeat-pix	0.9850	0.0030	0.9854	0.9833	0.0186
mfeat-zer	0.7900	0.0420	0.7990	0.7667	0.1192
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.8235	0.0706	0.8063	0.7780	0.1903
mobile	0.6399	0.0129	0.6535	0.6333	0.1587
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	1.0000	0.0000	1.0000	1.0000	0.0000
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4294	0.1037	0.4782	0.3315	0.5893
musk	0.9985	0.0015	0.9971	0.9942	0.0091
MUT_ci300400a_cdk_ECFP2	0.8201	0.1799	0.8159	0.6317	0.6311
MUT_ci300400a_cdk_ECFP4	0.8012	0.1988	0.7955	0.5911	0.6686
MUT_ci300400a_cdk_ECFP6	0.7940	0.2060	0.7891	0.5780	0.6813
MUT_ci300400a_cdk_ESTATE	0.7734	0.2266	0.7645	0.5265	0.7125
MUT_ci300400a_cdk_EXTENDED	0.8357	0.1643	0.8304	0.6604	0.5971
MUT_ci300400a_cdk_FCFP2	0.8120	0.1880	0.8065	0.6131	0.6479
MUT_ci300400a_cdk_FCFP4	0.7950	0.2050	0.7914	0.5820	0.6774
MUT_ci300400a_cdk_FCFP6	0.7842	0.2158	0.7800	0.5594	0.6973
MUT_ci300400a_cdk_MACCS	0.8201	0.1799	0.8161	0.6320	0.6308
MUT_ci300400a_cdk_PUBCHEM	0.8395	0.1605	0.8341	0.6677	0.5880
MUT_ci300400a_cdk_STANDARD	0.8024	0.1976	0.7956	0.5907	0.6648
MUT_ci300400a_rdkit_descriptors	0.8271	0.1729	0.8238	0.6475	0.6157
myocardial	0.8647	0.0338	0.2819	0.3963	0.2077
naticusdroid	0.9720	0.0280	0.9720	0.9441	0.1721
NCI60	0.6667	0.1111	0.6222	0.6000	0.1039
nci9	0.3333	0.1481	0.2222	0.2727	0.1042
ncRNA1%	0.8742	0.0132	0.3625	0.6545	0.7182
ncRNA10%	0.7913	0.0220	0.1838	0.1261	0.2117
neo	0.9013	0.0987	0.6729	0.3333	0.6385
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.7132	0.0130	0.7077	0.7045	0.2413
newspop	0.6352	0.3648	0.6335	0.2669	0.8961
NHANES_age_prediction	0.9956	0.0044	0.9917	0.9833	0.0224
nomao	0.9530	0.0470	0.9425	0.8850	0.2886
NPHA-doctor-visits	0.4028	0.3981	0.3309	0.0003	0.8312
nursery	1.0000	0.0000	0.8000	1.0000	0.0000
obesity	0.9242	0.0217	0.9231	0.9114	0.0948
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9724	0.0138	0.9302	0.9196	0.1800
oh0-wc	0.8713	0.0257	0.8643	0.8537	0.1381
oh10-wc	0.7429	0.0514	0.7256	0.7066	0.2518
oh15-wc	0.7500	0.0500	0.7314	0.7174	0.2352
oh5-wc	0.7582	0.0484	0.7574	0.7277	0.2208
ohscal-wc	0.6909	0.0618	0.6852	0.6544	0.3846
olive	0.9298	0.0156	0.9215	0.9118	0.0396
opn310k	0.9017	0.0983	0.6131	0.1929	0.6274
opn310k10%	0.8799	0.1201	0.6018	0.2025	0.7009
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9804	0.0039	0.9813	0.9782	0.0315
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9486	0.0514	0.6047	0.2088	0.6180
ozone8hr	0.9051	0.0949	0.5563	0.0994	0.6712
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7990	0.2010	0.7870	0.5696	0.6758
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8823	0.7621	0.4761
p53-mutants	0.9943	0.0057	0.6010	0.1793	0.5043
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.8507	0.8385	0.3309
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.7820	0.2180	0.7709	0.5414	0.7082

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.9207	0.0793	0.9046	0.8081	0.4198
particle10%	0.9223	0.0777	0.9042	0.8084	0.4095
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9009	0.0991	0.5548	0.1042	0.6873
pcmac	0.4330	0.5670	0.4303	-0.1379	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8816	0.1184	0.8450	0.6897	0.5506
pediatric-leukemia	0.8235	0.0504	0.7537	0.7837	0.1503
pendigits	0.9618	0.0076	0.9640	0.9575	0.0398
period	0.4444	0.5556	0.5000	0.0000	0.8722
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7638	0.2362	0.7496	0.4991	0.7403
personalities	0.3655	0.0793	0.5193	0.3231	0.3092
pet-adoption	0.9100	0.0900	0.8968	0.7900	0.3944
phishing	0.9796	0.0204	0.9786	0.9571	0.1355
PhiUSIIL	0.9945	0.0055	0.9944	0.9888	0.0471
PhiUSIIL10%	0.9979	0.0021	0.9978	0.9957	0.0217
phone-acc0.1%	0.8392	0.0459	0.8281	0.8120	0.1778
phone-acc1%	0.7191	0.0803	0.7548	0.6724	0.1760
phone-acc10%	0.1565	0.2410	0.2437	0.0182	0.3730
phone-gyr0.1%	0.8686	0.0375	0.8601	0.8464	0.1614
phone-gyr1%	0.8272	0.0494	0.8342	0.7980	0.1492
phone-gyr10%	0.2961	0.2011	0.4004	0.1750	0.3735
phoneme	0.8889	0.1111	0.8632	0.7264	0.5102
phy	0.7100	0.2900	0.7107	0.4197	0.8034
pima	0.6579	0.3421	0.6240	0.2305	0.8531
pirvision	0.9980	0.0013	0.9953	0.9938	0.0236
placement	0.6910	0.3090	0.6809	0.3614	0.8376
plant-growth	0.6316	0.3684	0.6292	0.2570	0.8973
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker	0.4997	0.1001	0.0666	0.0000	0.1726
poker1%	0.4507	0.1099	0.1111	0.0146	0.5882
poker10%	0.5110	0.0978	0.1060	0.0272	0.1946
polish-1st	0.9602	0.0398	0.6165	0.1632	0.4653
polish-2nd	0.9420	0.0580	0.5337	0.0640	0.6367
polish-3rd	0.9381	0.0619	0.5786	0.1474	0.6318
polish-4th	0.9418	0.0582	0.6917	0.3819	0.6049
polish-5th	0.9272	0.0728	0.6817	0.3566	0.6148
polya	0.7557	0.2443	0.7349	0.4698	0.7577
popularity	0.6416	0.2389	0.4561	0.1873	0.6241
post-operative	0.7778	0.1481	0.5045	0.4000	0.2005
postures	0.9749	0.0100	0.9751	0.9686	0.0566
pred-tox_mutagen_ref-desc	0.5735	0.4265	0.5736	0.1471	0.9506
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3636	0.0979	0.3226	0.2929	0.3648
processed	0.9929	0.0071	0.9919	0.9838	0.0527
profb	0.7313	0.2687	0.7108	0.4180	0.7817
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.5714	0.4286	0.5310	0.0455	0.8750
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9902	0.0039	0.9824	0.9869	0.0284
puc-rio10%	0.9861	0.0056	0.9720	0.9814	0.0362
pufs-1281%	0.4903	0.5097	0.4903	-0.0193	1.0000
pufs-12810%	0.4971	0.5029	0.4969	-0.0059	0.9903
pufs-64	0.4990	0.5010	0.4990	-0.0019	0.9998
pufs-641%	0.5067	0.4933	0.5067	0.0134	0.9958
pufs-6410%	0.4970	0.5030	0.4970	-0.0058	0.9904

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pulsar	0.9808	0.0192	0.9413	0.8814	0.2099
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%	0.6833	0.0120	0.2849	0.6503	0.3705
re0-wc	0.7600	0.0369	0.6727	0.6908	0.4162
re1-wc	0.7470	0.0202	0.6341	0.7159	0.2431
rejafada	0.9799	0.0201	0.8958	0.7678	0.4822
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.8060	0.0060	0.2971	0.7397	0.4465
rice	0.9835	0.0165	0.9834	0.9667	0.1113
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6299	0.3701	0.6244	0.2475	0.8949
RT_IOT2022	0.7108	0.0482	0.4746	0.4274	0.2587
satimage	0.8911	0.0363	0.8764	0.8660	0.1849
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9580	0.0420	0.8763	0.7464	0.3435
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5294	0.4706	0.5294	0.0588	0.9823
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8654	0.1346	0.4639	-0.0720	0.6558
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.8831	0.0334	0.9021	0.8635	0.0911
segmentation	0.8564	0.1436	0.8431	0.6861	0.5651
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9070	0.0930	0.6006	0.2006	0.6697
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8053	0.1947	0.5170	0.0330	0.7870
sens-10-gram	0.8504	0.1496	0.6096	0.2028	0.7167
sens-2-gram	0.8237	0.1763	0.5423	0.0802	0.7721
sens-3-gram	0.8316	0.1684	0.5984	0.1947	0.7518
sens-4-gram	0.8342	0.1658	0.6215	0.2424	0.7419
sens-5-gram	0.8342	0.1658	0.6082	0.2146	0.7470
sens-6-gram	0.8263	0.1737	0.5624	0.1206	0.7656
sens-7-gram	0.8184	0.1816	0.5546	0.1069	0.7723
sens-8-gram	0.8289	0.1711	0.5280	0.0500	0.7666
sens-9-gram	0.8263	0.1737	0.5930	0.1847	0.7562
sensorless	0.9880	0.0022	0.9881	0.9868	0.0207
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8816	0.1184	0.7509	0.4935	0.6101
shuttle	0.9991	0.0002	0.7016	0.9976	0.0177
sick	0.9682	0.0318	0.8573	0.6981	0.2956
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9998	0.0002	0.9996	0.9993	0.0063
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1400	0.4300	0.1314	-0.1448	0.8960
smk_can_187	0.7895	0.2105	0.7933	0.5730	0.6420
smoking	0.7547	0.2453	0.7419	0.4824	0.7509
soil_pollution	0.2133	0.3147	0.2128	0.0163	0.8647
solar-flare	0.8058	0.0647	0.7657	0.7515	0.1960
sonar	0.7000	0.3000	0.7041	0.4000	0.7994
soybean	0.9853	0.0015	0.9944	0.9839	0.0114
spam-detection	0.9560	0.0440	0.8810	0.7579	0.4664
spambase	0.9326	0.0674	0.9295	0.8589	0.3371
spect	0.7778	0.2222	0.6786	0.3571	0.7720
spectf	0.9143	0.0857	0.8928	0.7835	0.4068
spectrometer	0.5577	0.0328	0.4130	0.5308	0.1314

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
splice-EI	0.9621	0.0379	0.9533	0.9037	0.2747
splice-IE	0.9211	0.0789	0.8963	0.7904	0.4441
sport-articles	0.8000	0.2000	0.7834	0.5662	0.6793
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.9677	0.0323	0.9666	0.9310	0.1967
steel_industry	0.8653	0.0898	0.8324	0.7799	0.2884
steel-b	0.8615	0.1385	0.7897	0.5793	0.6259
steel-d	0.9897	0.0103	0.9140	0.8280	0.3214
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8051	0.1949	0.7944	0.5852	0.6648
steel-p	0.9231	0.0769	0.6928	0.3623	0.5753
steel-s	0.9949	0.0051	0.9665	0.9307	0.0228
steel-z	0.9744	0.0256	0.9334	0.8638	0.3518
stellar	0.9684	0.0211	0.9641	0.9438	0.1172
stock	0.9167	0.0833	0.8553	0.7097	0.4818
stockb	0.9912	0.0059	0.9913	0.9868	0.0273
streaming	0.9780	0.0220	0.9778	0.9556	0.1450
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5050	0.1980	0.3886	0.2148	0.5154
student-depression	0.8061	0.1939	0.7992	0.5980	0.6585
student-habits	0.4100	0.2360	0.3487	0.1397	0.6339
student-weekend	0.3231	0.2708	0.2130	0.0804	0.7690
student-workday	0.7188	0.1125	0.2627	0.2849	0.4396
studentap	0.2308	0.5128	0.2388	-0.1607	0.8045
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7902	0.2098	0.7887	0.5731	0.6715
susy10%	0.7944	0.2056	0.7939	0.5805	0.6542
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.5344	0.2000	0.5887
telco-churn	0.8821	0.1179	0.8451	0.6888	0.5266
texture	0.9945	0.0010	0.9949	0.9940	0.0085
theorem	0.9984	0.0016	0.9983	0.9966	0.0176
thoracic	0.7447	0.2553	0.4268	-0.1417	0.8293
thrombin	0.9738	0.0262	0.4934	-0.0084	0.5340
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8788	0.1212	0.8394	0.6787	0.5589
tis10%	0.7239	0.2761	0.7073	0.3874	0.7272
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4545	0.6444	0.0398
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.4706	0.5294	0.4411	-0.1168	0.9859
toxicity-13f	0.6471	0.3529	0.6136	0.2273	0.8920
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5824	0.1641	0.8579
trec11-wc	0.8780	0.0271	0.7741	0.8513	0.1157
trec12-wc	0.8387	0.0403	0.8333	0.8058	0.1218
trec21-wc	0.8788	0.0404	0.5548	0.7672	0.2626
trec23-wc	0.9048	0.0317	0.8768	0.8700	0.0833
trec31-wc	0.9462	0.0154	0.7748	0.9286	0.0697
trec41-wc	0.8636	0.0273	0.7107	0.8314	0.1235
trec45-wc	0.8406	0.0319	0.7561	0.8149	0.1526
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.8000	0.1000	0.8014	0.7333	0.2465
tvnews	0.9017	0.0983	0.8941	0.7883	0.4438

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews1%	0.9308	0.0692	0.9272	0.8533	0.3522
tvnews10%	0.8913	0.1087	0.8830	0.7659	0.4723
ur3_cobotops_grip	0.9701	0.0299	0.6952	0.3403	0.4424
ur3_cobotops_stop	0.9741	0.0259	0.7790	0.5016	0.2957
urban	0.8507	0.0332	0.8664	0.8260	0.1335
urinalysis	0.9021	0.0979	0.5366	0.0731	0.6584
ustilago1%	0.9853	0.0147	0.4963	-0.0066	0.5661
ustilago10%	0.9850	0.0150	0.5224	0.0394	0.5602
vehicle	0.7857	0.1071	0.7683	0.7128	0.1897
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.6566	0.0624	0.7013	0.6222	0.1864
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9134	0.0866	0.6766	0.3207	0.5807
wap-wc	0.7308	0.0269	0.6221	0.7016	0.2143
warpar10p	0.6154	0.0769	0.4741	0.5667	0.1115
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.3814	0.1767	0.4709	0.2833	0.3359
watch-acc1%	0.8636	0.0390	0.8599	0.8405	0.1665
watch-acc10%	0.5955	0.1156	0.6701	0.5313	0.2738
watch-gyr	0.3045	0.1987	0.4188	0.1927	0.3502
watch-gyr1%	0.8269	0.0495	0.8249	0.7979	0.2021
watch-gyr10%	0.8591	0.0403	0.8548	0.8355	0.1843
water_pollution	0.2400	0.3800	0.2377	-0.0140	0.8732
waveform	0.8020	0.1320	0.8029	0.7031	0.4240
weather-related	0.9596	0.0073	0.9554	0.9542	0.0575
web-phishing	0.8741	0.0840	0.8531	0.7792	0.3722
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.9755	0.0098	0.9743	0.9691	0.0612
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	1.0000	0.0000	1.0000	1.0000	0.0000
wilt	0.9938	0.0062	0.9699	0.9379	0.2404
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6478	0.1174	0.3284	0.4414	0.4903
winequality-white	0.6135	0.1104	0.3608	0.4285	0.5067
winnipeg	0.8559	0.0412	0.8517	0.8186	0.0838
winnipeg10%	0.9923	0.0022	0.9802	0.9903	0.0436
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7467	0.7983	0.0412
yeast	0.5878	0.0824	0.4383	0.4749	0.3873
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9459	0.0541	0.6564	0.3060	0.6026
zip	0.9495	0.0101	0.9450	0.9434	0.0841

Table 284: Detailed results for DL (Small)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1542	0.0806	0.1209	0.0694	0.5722
abalone19	0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9834	0.0166	0.6788	0.2683	0.3488
accident	0.7000	0.3000	0.7000	0.4000	0.8211
ads	0.9695	0.0305	0.9358	0.8712	0.2692
adult	0.8569	0.1431	0.7883	0.5660	0.5864
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.7937	0.2063	0.5138	0.0256	0.6518
AID_1431_MACCSFingerprinter	0.8492	0.1508	0.5066	0.0132	0.7200
AID_1878	0.7619	0.2381	0.5327	0.0622	0.8294
AID_602330	0.9323	0.0677	0.4825	-0.0331	0.6496
AID_652128	0.8182	0.1212	0.3407	0.0601	0.6334
AID1284Morered	0.6111	0.3889	0.4517	-0.0815	0.6957
AID1284red	0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered	0.8350	0.1650	0.5612	0.1098	0.6021
AID1608red	0.8447	0.1553	0.5203	0.0363	0.5734
AID362red	0.9907	0.0093	0.7985	0.4965	0.0365
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9988	0.0012	0.4997	-0.0003	0.4066
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9930	0.0070	0.4982	-0.0034	0.4755
AID604	0.9967	0.0033	0.6919	0.1108	0.0155
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9955	0.0045	0.5594	0.1154	0.5433
AID688red	0.9868	0.0132	0.4967	-0.0057	0.5585
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.4444	0.5556	0.3077	-0.3636	0.8576
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9935	0.0065	0.5782	0.0912	0.3851
aids	0.8779	0.1221	0.8346	0.6693	0.5619
air_pollution	0.3133	0.1962	0.1077	-0.0042	0.7903
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.9554	0.0446	0.9548	0.9088	0.2332
alcohol	0.8095	0.0762	0.5474	0.5865	0.3418
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8186	0.1814	0.8010	0.6019	0.6488
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family	0.9875	0.0063	0.9541	0.9762	0.0381
anuran-genus	0.9694	0.0076	0.9108	0.9498	0.1473
anuran-species	0.9792	0.0042	0.9462	0.9711	0.0617
anxiety	0.1250	0.1944	0.1338	0.0152	0.7920
apple-quality	0.9350	0.0650	0.9350	0.8700	0.3210
aps-failure	0.9854	0.0146	0.8121	0.6214	0.5102
arabidopsis0.1%	0.9382	0.0618	0.4841	-0.0154	0.2260
arabidopsis1%	0.9909	0.0091	0.6148	0.2012	0.4967
arabidopsis10%	0.4921	0.4899	0.5339	0.0037	0.0550
arcene	0.6000	0.4000	0.6561	0.2593	0.7573

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.7111	0.0444	0.2962	0.5386	0.2507
auction	0.9608	0.0392	0.9069	0.8044	0.2302
audiology	0.9091	0.0165	0.9441	0.8932	0.0495
audit-risk	0.9744	0.0256	0.9732	0.9465	0.1658
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9857	0.0143	0.9820	0.9633	0.0649
autism-child	0.9310	0.0690	0.9310	0.8619	0.3353
autos	0.8500	0.0500	0.7266	0.8000	0.1088
avila	0.7168	0.0472	0.6307	0.6293	0.3940
babies	0.4274	0.1636	0.1772	0.1311	0.5472
balance	0.9839	0.0108	0.9516	0.9707	0.0267
bank	0.9041	0.0959	0.7681	0.5356	0.6150
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8871	0.1129	0.8765	0.7517	0.4754
basehock	0.9698	0.0302	0.9698	0.9397	0.1825
bio	0.9975	0.0025	0.9257	0.8475	0.1596
bio10%	0.9918	0.0082	0.8014	0.5959	0.5217
biodeg	0.8667	0.1333	0.8684	0.7278	0.5065
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9338	0.0038	0.0332	-0.0037	0.8150
bitcoin1%	0.9853	0.0042	0.1418	-0.0009	0.1260
bitcoin10%	0.1030	0.1631	0.0957	0.0002	0.1087
body-perf	0.7448	0.1276	0.7469	0.6597	0.3913
bookings	0.9861	0.0093	0.7628	0.9705	0.0527
brain-tumor	0.4895	0.5105	0.4893	-0.0213	1.0000
breast-cancer	0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co	0.9091	0.0909	0.9141	0.8136	0.2846
breast-cancer-ma	0.4545	0.5455	0.4500	-0.1000	1.0000
breast-tissue	0.5455	0.1515	0.4706	0.4500	0.2373
bridges	0.8000	0.0571	0.4898	0.7143	0.0589
bub10at310k-hg16-17	0.9095	0.0905	0.6013	0.0499	0.3411
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4660	0.3560	0.3208	0.0108	0.5792
car	0.9713	0.0144	0.9797	0.9390	0.0880
car-insurance	0.8220	0.1780	0.7897	0.5788	0.6542
card	0.7971	0.2029	0.7903	0.5796	0.6728
cardiotocography	0.7981	0.0404	0.7560	0.7594	0.2347
cardiotocography-nsp	0.9108	0.0595	0.8422	0.7622	0.2785
cardiovascular	0.7313	0.2687	0.7313	0.4626	0.7781
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.6132	0.5437	0.2845
cas_N6512_cdk_ECFP2	0.7250	0.2750	0.7227	0.4452	0.7882
cas_N6512_rdkit_ATOMPAIR	0.7246	0.2754	0.7238	0.4474	0.7876
cas_N6512_RDkit_AtomPair_FP	0.7331	0.2669	0.7309	0.4616	0.7763
cas_N6512_rdkit_AVALON	0.7650	0.2350	0.7630	0.5258	0.7268
cas_N6512_RDkit_Avalon_FP	0.7837	0.2163	0.7820	0.5630	0.6927
cas_N6512_rdkit_descriptors	0.7631	0.2369	0.7616	0.5231	0.7304
cas_N6512_rdkit_FEATMORGAN	0.7250	0.2750	0.7228	0.4455	0.7883
cas_N6512_RDkit_Featmorgan_FP	0.7086	0.2914	0.7075	0.4148	0.8101
cas_N6512_RDkit_FP	0.7684	0.2316	0.7668	0.5335	0.7216
cas_N6512_rdkit_LAYERED	0.7846	0.2154	0.7836	0.5671	0.6936
cas_N6512_RDkit_Layered_FP	0.7807	0.2193	0.7790	0.5578	0.7002
cas_N6512_rdkit_MACCS	0.7880	0.2120	0.7871	0.5740	0.6874

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7929	0.2071	0.7926	0.5847	0.6773
cas_N6512_rdkit_MORGAN	0.7462	0.2538	0.7467	0.4921	0.7529
cas_N6512_RDkit_morgan_FP	0.7454	0.2546	0.7443	0.4885	0.7579
cas_N6512_rdkit_PATTERN	0.7508	0.2492	0.7519	0.5019	0.7438
cas_N6512_RDkit_pattern_FP	0.7761	0.2239	0.7756	0.5508	0.7073
cas_N6512_rdkit_RDKITFP	0.7542	0.2458	0.7523	0.5040	0.7437
cas_N6512_rdkit_TORSION	0.7123	0.2877	0.7098	0.4191	0.8055
ccds	0.9641	0.0359	0.6873	0.2716	0.3528
ccds1%	0.8764	0.1236	0.5406	0.0655	0.4865
ccds10%	0.5260	0.4883	0.5080	0.0072	0.2316
cdc_diabetes	0.8491	0.1006	0.4247	0.1986	0.3183
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8083	0.1917	0.7957	0.5896	0.6635
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9490	0.0510	0.7021	0.4041	0.6000
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9114	0.0886	0.5944	0.1849	0.6227
CDS49_AID687_Rdkit-ecfp4-fp	0.9927	0.0073	0.4982	-0.0032	0.4017
census	0.8986	0.1178	0.6753	0.3016	0.6006
census10%	0.9398	0.0602	0.6932	0.3773	0.5859
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.8837	0.1163	0.4691	-0.0591	0.7049
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9419	0.0581	0.7728	0.5169	0.5762
cervical-S	0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia	0.9277	0.0361	0.8820	0.8921	0.1717
chrom19	0.7533	0.2347	0.4734	-0.0007	0.0117
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9991	0.0009	0.7856	0.5710	0.4672
chrom211%	0.9961	0.0039	0.4990	-0.0013	0.2620
chrom2110%	0.5170	0.4894	0.6017	0.0005	0.0014
chronic-kidney	0.8373	0.1627	0.4903	-0.0191	0.6764
churn	0.8510	0.1490	0.7495	0.4880	0.6341
churn-bigml	0.8614	0.1386	0.7428	0.4830	0.6685
ci900367j_MACCS	0.6632	0.3368	0.6504	0.2995	0.8637
circles	0.6220	0.0076	0.6202	0.6182	0.0894
cirrhosis	0.8095	0.1270	0.6893	0.6599	0.4596
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8639	0.0681	0.7775	0.7903	0.3240
climate	0.9815	0.0185	0.9290	0.8475	0.0659
cll_sub_111	0.6667	0.2222	0.6933	0.4667	0.4938
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5102	0.3265	0.4866	0.2393	0.7058
cnae-9	0.9259	0.0165	0.9282	0.9167	0.0797
codon_usage	0.8787	0.0220	0.6705	0.8526	0.2104
coil20	0.9792	0.0021	0.9798	0.9781	0.0152
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.5600	0.0587	0.4483	0.5154	0.2431
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.5172	0.4828	0.4119	-0.1469	0.9929
colposcopies-3	0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4	0.7241	0.2759	0.6548	0.3095	0.8231
colposcopies-5	0.8621	0.1379	0.7242	0.4257	0.6185
colposcopies-6	0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.5173	0.4948	0.4929	0.0111	0.9881
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cottonmeloidogyne	0.7163	0.2837	0.7164	0.4324	0.7985
coupon	0.6909	0.3091	0.6809	0.3588	0.8327
covtype	0.4802	0.1485	0.3915	0.1762	0.3312
covtype10%	0.7651	0.0671	0.6022	0.6128	0.3747
covtypeCD	0.9896	0.0104	0.9779	0.9557	0.1315
covtypeT	0.9805	0.0195	0.9229	0.8451	0.2747
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9993	0.0007	0.8938	0.7869	0.3051
creditcard_trans10%	0.9982	0.0018	0.8178	0.6146	0.5254
crowdsourced	0.9032	0.0323	0.7845	0.8017	0.3518
cryotherapy	0.7778	0.2222	0.7750	0.5500	0.7072
cultivars	0.2812	0.0359	0.1887	0.2633	0.1009
customer-churn	0.9836	0.0164	0.7499	0.4602	0.3763
cybersecurity	0.1967	0.2678	0.1964	0.0345	0.8620
cyclopentane	0.6296	0.3704	0.6201	0.2373	0.9000
cylinder-bands	0.6667	0.3333	0.6634	0.3259	0.8591
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1020	0.1796	0.0909	0.0023	0.7549
day1%	0.8747	0.1133	0.8675	0.7744	0.4971
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8253	0.1747	0.7145	0.4031	0.6564
defect	0.8920	0.1080	0.7839	0.5616	0.5715
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9049	0.0951	0.7572	0.5125	0.6033
depressed	0.7273	0.2727	0.4861	-0.0276	0.8355
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.4099	0.2000	0.4997
dexter	0.8833	0.1167	0.8835	0.7667	0.4763
df_final	0.4375	0.3750	0.4918	0.1111	0.6013
DIA	0.7333	0.2667	0.6921	0.3725	0.7649
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9618	0.0382	0.8647	0.7087	0.2615
diabetes-risk	0.9184	0.0816	0.8750	0.7499	0.4621
diabetic	0.3599	0.4404	0.3454	0.0125	0.7988
diabetic1%	0.4902	0.3399	0.4644	0.1667	0.7509
diabetic10%	0.4852	0.3466	0.3815	0.0407	0.6731
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7825	0.0870	0.7642	0.6935	0.3351
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.5833	0.4167	0.6000	0.1892	0.8935
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9968	0.0032	0.4992	-0.0007	0.3883
dna1%	0.4951	0.4912	0.4612	-0.0011	0.0223
dorothea	0.9043	0.0957	0.6645	0.3061	0.6194
dota2	0.5949	0.4051	0.5948	0.1894	0.9319
dota210%	0.5524	0.4476	0.5504	0.1008	0.9670
drebin	0.9847	0.0153	0.9837	0.9673	0.1179
dropout	0.7291	0.1806	0.6612	0.5556	0.5225
drug-01	0.3138	0.1960	0.1495	-0.0046	0.6839
drug-02	0.4521	0.1565	0.2077	0.1535	0.7044
drug-03	0.6596	0.0973	0.2084	0.1583	0.5050
drug-04	0.4840	0.1474	0.2546	0.1609	0.7755
drug-05	0.7074	0.0836	0.1187	-0.0222	0.5105
drug-06	0.3723	0.1793	0.2510	0.2164	0.6465

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-07	0.4149	0.1672	0.1380	0.0365	0.5260
drug-08	0.5266	0.1353	0.2001	0.1584	0.5557
drug-09	0.8351	0.0471	0.1312	0.0419	0.3646
drug-10	0.4947	0.1444	0.2010	0.1202	0.5813
drug-11	0.8351	0.0471	0.1800	0.1208	0.3564
drug-12	0.7394	0.0745	0.1843	0.0329	0.6225
drug-13	0.5904	0.1170	0.2063	0.2574	0.6118
drug-14	0.5372	0.1322	0.2310	0.2430	0.6001
drug-15	0.7234	0.0790	0.1679	0.1501	0.7182
drug-16	0.5372	0.1322	0.2297	0.2868	0.5251
drug-17	0.3723	0.1793	0.2138	0.1528	0.6784
drug-18	0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19	0.7287	0.0775	0.1448	0.0594	0.4716
drybean	0.9302	0.0199	0.9413	0.9155	0.1169
ecoli	0.7941	0.0515	0.4916	0.7180	0.1546
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2575	0.0140	0.8264
eeg	0.4256	0.0718	0.4095	0.3610	0.6011
eeg-eye	0.8478	0.1522	0.8459	0.6911	0.5648
eeg10%	0.3401	0.0825	0.2984	0.2673	0.6325
email_phishing	0.9870	0.0130	0.6475	0.0466	0.0972
eucalyptus	0.5616	0.1753	0.5259	0.4375	0.4744
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq	0.9728	0.0272	0.9728	0.9455	0.1690
exon.vs.intron-freq10%	0.9645	0.0355	0.9643	0.9287	0.2064
fakenews	0.5525	0.4475	0.5523	0.1045	0.9663
farm-ads	0.8706	0.1114	0.8936	0.7924	0.4565
fbis-wc	0.7642	0.0277	0.7172	0.7347	0.2144
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9216	0.0784	0.9227	0.8428	0.3566
financial-risk	0.8825	0.0392	0.6817	0.8171	0.2137
fishcatch	0.8125	0.0625	0.8486	0.7659	0.1160
flags	0.3500	0.1625	0.1593	0.1900	0.3609
fonts10%	0.1770	0.0108	0.0268	0.1559	0.3371
forest	0.9038	0.0481	0.9111	0.8682	0.1609
gas	0.9835	0.0055	0.9815	0.9799	0.0291
gastrointestinal	0.5625	0.2917	0.5576	0.3412	0.5111
gender	0.6063	0.2625	0.4504	0.1733	0.6545
gene	0.8612	0.0925	0.8445	0.7773	0.3529
german	0.6900	0.3100	0.6528	0.3049	0.8513
gestures	0.7877	0.1062	0.7895	0.7169	0.3618
gina	0.8934	0.1066	0.8936	0.7868	0.4497
gisette	0.9657	0.0343	0.9657	0.9314	0.2011
glass	0.7143	0.0952	0.7012	0.6062	0.3155
glass-g2	0.6875	0.3125	0.7115	0.3939	0.7489
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.7895	0.5000	0.5283
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8214	0.1786	0.8157	0.6311	0.6282

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.6000	0.2000	0.5958	0.4578	0.4065
gsalc	0.2222	0.2593	0.1224	0.1250	0.2499
haberman	0.7000	0.3000	0.6011	0.2012	0.8607
hapt	0.9405	0.0099	0.7466	0.9297	0.0797
har	0.8767	0.0493	0.8677	0.8440	0.2271
har70	0.7414	0.0762	0.4501	0.6268	0.3226
har701%	0.9097	0.0258	0.5354	0.8661	0.1151
har7010%	0.1612	0.2397	0.2628	0.0677	0.2913
harth	0.6493	0.0555	0.2618	0.5325	0.3834
harth1%	0.8381	0.0270	0.4346	0.7789	0.1698
harth10%	0.8469	0.0222	0.6122	0.8100	0.1599
hayes-roth	0.7500	0.1667	0.8075	0.6213	0.2879
hcc-survival	0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity	0.6900	0.1550	0.2350	-0.0410	0.5058
heart	0.7407	0.2593	0.7670	0.4987	0.6583
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.7000	0.3000	0.7067	0.4053	0.7972
heart-failure	0.9540	0.0460	0.9462	0.8908	0.2341
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%	0.8492	0.1508	0.8535	0.6988	0.5295
hepmass10%	0.8493	0.1507	0.8496	0.6986	0.5601
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6727	0.3273	0.6705	0.3401	0.8543
higgs1%	0.7041	0.2959	0.7025	0.4048	0.8164
higgs10%	0.7077	0.2923	0.7071	0.4141	0.8110
higher	0.3571	0.1607	0.2989	0.2455	0.2874
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.9123	0.0877	0.8437	0.6873	0.5171
hiva	0.9362	0.0638	0.5750	0.1489	0.6068
horse	0.6944	0.2037	0.6763	0.4817	0.5238
hotel-reservartions	0.8682	0.1318	0.8474	0.6922	0.5307
hr	0.7509	0.2491	0.5562	0.1089	0.7495
ht-sensor	0.8889	0.0741	0.8906	0.8328	0.2720
ht-sensor10%	0.9057	0.0629	0.9071	0.8579	0.2473
htru2	0.9782	0.0218	0.9334	0.8665	0.2661
hypothyroid	0.9682	0.0159	0.6354	0.8052	0.2268
hypothyroidT	0.9894	0.0106	0.9626	0.9253	0.1918
ilpd	0.7119	0.2881	0.6069	0.1995	0.8360
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9713	0.0143	0.9716	0.9618	0.0644
ionosphere	0.8571	0.1429	0.8291	0.6421	0.5116
iris	0.8667	0.0889	0.8500	0.7973	0.2122
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8203	0.0138	0.8224	0.8131	0.1550
jm1	0.8090	0.1910	0.6150	0.1747	0.6770
jvowels	0.9548	0.0100	0.9511	0.9488	0.0758
kc1	0.8626	0.1374	0.6890	0.3408	0.6188
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6923	0.1231	0.5121	0.4348	0.3415
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007	0.8172	0.0426	0.7090	0.8091	0.2561
kddcup981%	0.8526	0.1474	0.4602	-0.0726	0.5557

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup9810%	0.4927	0.4998	0.5043	0.0077	0.2909
kddcup991%	0.9972	0.0004	0.7877	0.9952	0.0139
kddcup9910%	0.1969	0.0698	0.0143	0.0000	0.1549
kepler	0.8818	0.0788	0.8384	0.8059	0.2170
kidney	0.7936	0.0826	0.1845	-0.0026	0.2505
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.5201	0.0533	0.3866	0.4613	0.3681
krvskp	0.9906	0.0094	0.9907	0.9812	0.0652
la1s-wc	0.8349	0.0550	0.8008	0.7920	0.2749
la2s-wc	0.7450	0.0850	0.7147	0.6816	0.4024
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0256	0.7223	0.6915	0.0759
led24	0.5000	0.1000	0.4371	0.4334	0.2237
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7470	0.0195	0.7519	0.7368	0.2387
leukemia	0.7143	0.1905	0.7738	0.5758	0.3077
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7778	0.0296	0.7745	0.7612	0.0966
linkage	1.0000	0.0037	0.8540	0.6639	0.5305
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0001
liver	0.6176	0.3824	0.5940	0.1845	0.8870
loan	0.9930	0.0070	0.9926	0.9850	0.0419
localization	0.6017	0.0724	0.3228	0.4888	0.4256
localization10%	0.5977	0.0731	0.3371	0.4807	0.4297
lrs	0.8868	0.0226	0.6302	0.8430	0.0848
lung	0.8571	0.0571	0.8780	0.7418	0.1803
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7323	0.7938	0.1780
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.8936	0.1064	0.8904	0.7809	0.4568
madelon	0.5654	0.4346	0.5658	0.1308	0.9539
magic04	0.8716	0.1284	0.8577	0.7147	0.5238
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7708	0.2292	0.7721	0.5423	0.7111
marketing	0.8839	0.1161	0.7469	0.4865	0.6141
maternal	0.6436	0.2376	0.6590	0.4575	0.5540
math	0.7250	0.1375	0.6403	0.5896	0.3909
mba	0.8210	0.1194	0.4034	0.1924	0.3929
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.1900	0.3240	0.1890	-0.0154	0.8740
messidor	0.7565	0.2435	0.7618	0.5158	0.7179
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9600	0.0080	0.9611	0.9556	0.0475
mfeat-fou	0.7700	0.0460	0.7724	0.7444	0.2076
mfeat-kar	0.9000	0.0200	0.9022	0.8889	0.1177
mfeat-mor	0.7350	0.0530	0.7319	0.7056	0.1894
mfeat-pix	0.9450	0.0110	0.9470	0.9389	0.0664
mfeat-zer	0.8000	0.0400	0.7817	0.7778	0.1465

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5269	0.4457	0.3849
mobile	0.3881	0.0219	0.3736	0.3770	0.2451
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9836	0.0164	0.9824	0.9641	0.1262
monks-3	0.9464	0.0536	0.9488	0.8923	0.2137
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4983	0.0912	0.5049	0.3942	0.5109
musk	0.9970	0.0030	0.9942	0.9883	0.0163
MUT_ci300400a_cdk_ECFP2	0.7818	0.2182	0.7745	0.5487	0.7032
MUT_ci300400a_cdk_ECFP4	0.7784	0.2216	0.7730	0.5459	0.7088
MUT_ci300400a_cdk_ECFP6	0.7473	0.2527	0.7413	0.4825	0.7588
MUT_ci300400a_cdk_ESTATE	0.7506	0.2494	0.7410	0.4804	0.7527
MUT_ci300400a_cdk_EXTENDED	0.8249	0.1751	0.8194	0.6385	0.6208
MUT_ci300400a_cdk_FCFP2	0.7892	0.2108	0.7815	0.5618	0.6877
MUT_ci300400a_cdk_FCFP4	0.7830	0.2170	0.7766	0.5532	0.7016
MUT_ci300400a_cdk_FCFP6	0.7602	0.2398	0.7557	0.5109	0.7369
MUT_ci300400a_cdk_MACCS	0.8046	0.1954	0.7976	0.5940	0.6587
MUT_ci300400a_cdk_PUBCHEM	0.8383	0.1617	0.8326	0.6631	0.5847
MUT_ci300400a_cdk_STANDARD	0.8000	0.2000	0.7942	0.5884	0.6709
MUT_ci300400a_rdkit_descriptors	0.7970	0.2030	0.7931	0.5862	0.6746
myocardial	0.8118	0.0471	0.3233	0.3571	0.5455
naticusdroid	0.9717	0.0283	0.9717	0.9434	0.1737
NCI60	0.5000	0.1667	0.4545	0.4000	0.1855
nci9	0.1667	0.1852	0.0556	0.0323	0.1875
ncRNA	0.7776	0.0222	0.1367	0.4809	0.6694
ncRNA1%	0.8834	0.0123	0.3276	0.6654	0.3651
ncRNA10%	0.8924	0.0096	0.5137	0.7180	0.2057
neo	0.9122	0.0878	0.6763	0.2457	0.4362
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.1317	0.0389	0.0777	0.1060	0.6968
newspop	0.6521	0.3479	0.6514	0.3027	0.8774
NHANES_age_prediction	0.9956	0.0044	0.9917	0.9833	0.0224
nomao	0.9489	0.0511	0.9374	0.8747	0.3037
NPHA-doctor-visits	0.4444	0.3704	0.3787	0.0467	0.7740
nursery	1.0000	0.0000	0.8000	1.0000	0.0000
obesity	0.9147	0.0244	0.9126	0.9004	0.1146
obs	0.9537	0.0231	0.9665	0.9312	0.0906
occupancy	0.9893	0.0107	0.9852	0.9702	0.1211
Occupancy_Estimation	0.9911	0.0044	0.9680	0.9729	0.0180
oh0-wc	0.7228	0.0554	0.7242	0.6859	0.2576
oh10-wc	0.4952	0.1010	0.4536	0.4323	0.4487
oh15-wc	0.6087	0.0783	0.5206	0.5566	0.3546
oh5-wc	0.6154	0.0769	0.6017	0.5680	0.3548
ohscal-wc	0.5208	0.0982	0.4997	0.4682	0.5761
olive	0.9298	0.0156	0.9293	0.9129	0.0693
opn310k	0.9122	0.0878	0.6453	0.2102	0.5076
opn310k10%	0.8923	0.1077	0.6484	0.2958	0.6781
opnat310k-hg16-17	0.9128	0.0872	0.6518	0.2295	0.5157
optdigits	0.9591	0.0082	0.9592	0.9545	0.0642
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.7750	0.0112	0.7216	0.7692	0.0377
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr	0.9565	0.0435	0.6267	0.2452	0.5959

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ozone8hr	0.8814	0.1186	0.5517	0.1030	0.6959
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8093	0.1907	0.7901	0.5798	0.6699
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8647	0.7293	0.5256
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.7779	0.8384	0.2123
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.7773	0.2227	0.7653	0.5303	0.7170
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.9297	0.0703	0.9123	0.8245	0.3761
particle10%	0.9185	0.0815	0.9029	0.8040	0.4271
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.4742	0.5258	0.4651	-0.0697	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8947	0.1053	0.8653	0.7288	0.5149
pediatric-leukemia	0.7647	0.0672	0.6730	0.7164	0.1598
pendigits	0.9791	0.0042	0.9790	0.9767	0.0360
period	0.4444	0.5556	0.5000	0.0000	0.8722
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.7464	0.2536	0.7302	0.4603	0.7680
personalities	0.8142	0.0232	0.8148	0.8018	0.2430
pet-adoption	0.9050	0.0950	0.8911	0.7810	0.4286
phishing	0.9673	0.0327	0.9657	0.9315	0.1998
PhiUSIIL	0.9833	0.0167	0.9833	0.9660	0.1096
PhiUSIIL10%	0.9958	0.0042	0.9957	0.9913	0.0299
phone-acc0.1%	0.8507	0.0427	0.8396	0.8254	0.1440
phone-acc1%	0.7024	0.0850	0.7329	0.6528	0.1955
phone-acc10%	0.6149	0.1139	0.5794	0.5494	0.3786
phone-gyr0.1%	0.8256	0.0498	0.8130	0.7958	0.1626
phone-gyr1%	0.8420	0.0451	0.8249	0.8151	0.1453
phone-gyr10%	0.5597	0.1249	0.5407	0.4783	0.4010
phoneme	0.8463	0.1537	0.8083	0.6162	0.6155
phy	0.7000	0.3000	0.7085	0.3990	0.7743
pima	0.7105	0.2895	0.6891	0.3724	0.8092
pirvision	1.0000	0.0000	1.0000	1.0000	0.0000
placement	0.7870	0.2130	0.7801	0.5595	0.6927
plant-growth	0.5789	0.4211	0.5843	0.1648	0.9308
plrx	0.6111	0.3889	0.4834	-0.0328	0.9365
poker	0.4997	0.1001	0.0666	0.0000	0.1726
poker1%	0.4859	0.1028	0.0977	0.0188	0.2787
poker10%	0.5677	0.0865	0.2058	0.1831	0.2974
polish-1st	0.9616	0.0384	0.6535	0.2548	0.4860
polish-2nd	0.9587	0.0413	0.5787	0.0775	0.4155
polish-3rd	0.9495	0.0505	0.5641	0.0592	0.4351
polish-4th	0.9459	0.0541	0.6763	0.3351	0.5695
polish-5th	0.9442	0.0558	0.7341	0.4160	0.4345
polya	0.7578	0.2422	0.7369	0.4738	0.7546
popularity	0.6615	0.2256	0.4159	0.2292	0.4749
post-operative	0.7778	0.1481	0.5000	0.5000	0.3648
postures	0.9635	0.0146	0.9633	0.9544	0.0852
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6338	0.2647	0.8906
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3030	0.1072	0.2358	0.2239	0.3381
processed	0.9998	0.0002	0.9998	0.9995	0.0027
profb	0.8060	0.1940	0.7827	0.5652	0.6799
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.5714	0.4286	0.5310	0.0455	0.8750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9736	0.0106	0.9557	0.9646	0.0816
puc-rio10%	0.9698	0.0121	0.9495	0.9595	0.0784
pufs-1281%	0.4995	0.5005	0.4995	-0.0010	1.0000
pufs-12810%	0.4870	0.5006	0.5029	-0.0011	0.9906
pufs-641%	0.5017	0.4983	0.5017	0.0034	0.9989
pufs-6410%	0.4976	0.5024	0.4975	-0.0049	0.9964
pulsar	0.9824	0.0176	0.9470	0.8939	0.2266
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%	0.6185	0.0144	0.1957	0.5796	0.3478
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.7733	0.0349	0.6469	0.7145	0.3789
re1-wc	0.5783	0.0337	0.3739	0.5323	0.3804
rejafada	0.9749	0.0251	0.7787	0.4356	0.0807
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.4056	0.0185	0.0404	0.2525	1.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0957
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6517	0.3483	0.6518	0.2998	0.8636
RT_IOT2022	0.1436	0.1427	0.4311	0.1119	0.1033
satimage	0.8927	0.0358	0.8739	0.8678	0.1765
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9393	0.0607	0.8102	0.5908	0.3830
scadi	0.7143	0.0816	0.3896	0.6111	0.0825
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5588	0.4412	0.5616	0.1176	0.9407
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9167	0.0833	0.4783	-0.0305	0.6521
secondary_mushroom	0.9998	0.0002	0.9998	0.9997	0.0019
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9524	0.0136	0.9557	0.9443	0.0665
segmentation	0.8366	0.1634	0.8185	0.6337	0.5976
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9186	0.0814	0.6200	0.2341	0.6521
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.6013	0.1055	0.5237
sens-10-gram	0.8714	0.1286	0.6466	0.2365	0.6017
sens-2-gram	0.7789	0.2211	0.5687	0.1354	0.7515
sens-3-gram	0.7684	0.2316	0.5754	0.1461	0.7392
sens-4-gram	0.7895	0.2105	0.5690	0.1373	0.7585
sens-5-gram	0.8000	0.2000	0.5769	0.1536	0.7600
sens-6-gram	0.8026	0.1974	0.5570	0.1138	0.7712
sens-7-gram	0.7921	0.2079	0.5638	0.1273	0.7630
sens-8-gram	0.7974	0.2026	0.5887	0.1762	0.7518
sens-9-gram	0.8368	0.1632	0.6111	0.2199	0.7442
sensorless	0.8896	0.0201	0.9020	0.8785	0.0839
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8848	0.1152	0.7810	0.5620	0.6182
shuttle	0.9995	0.0001	0.8450	0.9985	0.0141
sick	0.9682	0.0318	0.8573	0.6981	0.2956
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9996	0.0004	0.9993	0.9986	0.0106
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1800	0.4100	0.1788	-0.0928	0.8819
smk_can_187	0.6842	0.3158	0.7324	0.3448	0.4882
smoking	0.7590	0.2410	0.7499	0.4968	0.7379
soil_pollution	0.2467	0.3013	0.2434	0.0566	0.8302

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
solar-flare	0.7554	0.0815	0.6080	0.6891	0.2212
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.9706	0.0031	0.9894	0.9677	0.0170
spam-detection	0.9545	0.0455	0.8635	0.7270	0.4511
spambase	0.9152	0.0848	0.9113	0.8225	0.3951
spect	0.7407	0.2593	0.6469	0.2921	0.7993
spectf	0.9429	0.0571	0.9304	0.8511	0.1808
spectrometer	0.6538	0.0256	0.5207	0.6332	0.1046
splice-EI	0.9211	0.0789	0.8969	0.7936	0.4308
splice-IE	0.9054	0.0946	0.8703	0.7404	0.4902
sport-articles	0.8100	0.1900	0.7974	0.5947	0.6609
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.9677	0.0323	0.9666	0.9310	0.1967
steel_industry	0.8719	0.0854	0.8402	0.7918	0.2721
steel-b	0.8154	0.1846	0.7171	0.4340	0.7217
steel-d	0.9744	0.0256	0.8355	0.6539	0.5313
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.7795	0.2205	0.7599	0.5195	0.7203
steel-p	0.8923	0.1077	0.6102	0.2184	0.6871
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.9538	0.0462	0.8788	0.7549	0.4647
stellar	0.7809	0.1461	0.7541	0.5513	0.2700
stock	0.8611	0.1389	0.7653	0.5306	0.6507
stockb	0.8767	0.0822	0.8930	0.8151	0.1396
streaming	0.9800	0.0200	0.9798	0.9596	0.1339
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6300	0.1480	0.3546	0.3997	0.4259
student-depression	0.8251	0.1749	0.8189	0.6374	0.6201
student-habits	0.3400	0.2640	0.1995	0.0467	0.7827
student-weekend	0.2615	0.2954	0.2241	0.0229	0.7810
student-workday	0.7344	0.1062	0.2698	0.3204	0.3409
studentap	0.3846	0.4103	0.3805	0.0714	0.8076
susy1%	0.8006	0.1994	0.7992	0.5945	0.6525
susy10%	0.7990	0.2010	0.7974	0.5917	0.6581
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4582	0.2000	0.6785
telco-churn	0.8920	0.1080	0.8648	0.7288	0.5136
texture	0.9945	0.0010	0.9947	0.9940	0.0079
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.6809	0.3191	0.4639	-0.0698	0.7727
thrombin	0.9138	0.0821	0.7377	0.3031	0.3996
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9764	0.9529	0.1491
tis	0.8452	0.1548	0.7968	0.5931	0.6376
tis10%	0.7313	0.2687	0.7047	0.3886	0.7393
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.7647	0.1176	0.7687	0.6866	0.2330
toxicity	0.4706	0.5294	0.4411	-0.1168	0.9859
toxicity-13f	0.5294	0.4706	0.5218	0.0423	0.9411
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.5716	0.1431	0.8650
trec11-wc	0.6341	0.0813	0.6295	0.5796	0.2991
trec12-wc	0.7419	0.0645	0.7538	0.6915	0.2115
trec21-wc	0.9091	0.0303	0.7612	0.8322	0.1944

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec23-wc	0.7619	0.0794	0.6938	0.6645	0.2340
trec31-wc	0.9032	0.0277	0.7484	0.8717	0.1465
trec41-wc	0.8523	0.0295	0.8410	0.8239	0.1682
trec45-wc	0.7101	0.0580	0.6539	0.6637	0.2756
tuandromd	0.9821	0.0179	0.9719	0.9434	0.1312
turkish	0.8500	0.0750	0.8541	0.8000	0.1732
tvnews	0.8985	0.1015	0.8904	0.7808	0.4515
tvnews1%	0.8615	0.1385	0.8514	0.7027	0.5500
tvnews10%	0.8782	0.1218	0.8695	0.7390	0.5092
ur3_cobotops_grip	0.9687	0.0313	0.6839	0.3291	0.4803
ur3_cobotops_stop	0.9701	0.0299	0.7391	0.4365	0.4116
urban	0.8060	0.0431	0.7697	0.7734	0.1749
urinalysis	0.9091	0.0909	0.5939	0.1871	0.6495
ustilago1%	0.9072	0.0928	0.4757	-0.0178	0.1826
ustilago10%	0.4894	0.4925	0.5476	0.0074	0.0707
vehicle	0.8095	0.0952	0.7885	0.7436	0.2316
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5455	0.0826	0.5840	0.5000	0.2041
vowelZ	0.9394	0.0606	0.7873	0.5417	0.4133
vrnormat310k-hg16-17	0.9174	0.0826	0.7211	0.4351	0.5997
wap-wc	0.6474	0.0353	0.4423	0.6111	0.2867
warpar10p	0.7692	0.0462	0.7916	0.7434	0.0841
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc1%	0.8215	0.0510	0.8143	0.7910	0.1813
watch-acc10%	0.8147	0.0529	0.8185	0.7831	0.1803
watch-gyr	0.2746	0.2073	0.3690	0.1580	0.3796
watch-gyr1%	0.8038	0.0561	0.8078	0.7710	0.1766
watch-gyr10%	0.7380	0.0749	0.7658	0.6933	0.1952
water_pollution	0.2200	0.3900	0.2241	-0.0372	0.8664
waveform	0.8320	0.1120	0.8324	0.7480	0.3814
weather-related	0.9673	0.0059	0.9673	0.9630	0.0485
web-phishing	0.8889	0.0741	0.8735	0.8058	0.3294
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9376	0.0250	0.9342	0.9210	0.1327
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9959	0.0041	0.9793	0.9578	0.1858
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6164	0.1279	0.3340	0.3877	0.5650
winequality-white	0.5501	0.1285	0.2845	0.2995	0.5336
winnipeg	0.5260	0.1354	0.7263	0.4365	0.1995
winnipeg10%	0.9890	0.0032	0.9779	0.9860	0.0300
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.5625	0.0583	0.5217	0.5254	0.1292
yeast	0.5405	0.0919	0.3648	0.4044	0.3624
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495
zip	0.9161	0.0168	0.9084	0.9061	0.1317

Table 285: Detailed results for DT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1590	0.0801	0.1290	0.0787	0.6116
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9819	0.0181	0.6618	0.2849	0.4721
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.9634	0.0366	0.9208	0.8364	0.2304
adult	0.8546	0.1454	0.7922	0.5828	0.6186
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_KlekotaRothFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_MACCSFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878	0.7524	0.2476	0.5246	0.0475	0.8368
AID_602330	0.9323	0.0677	0.4825	-0.0331	0.6496
AID_652128	0.8384	0.1077	0.3503	0.0435	0.4040
AID1284Morered	0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red	0.7778	0.2222	0.6049	0.2044	0.7424
AID1608Morered	0.8835	0.1165	0.4691	-0.0600	0.6992
AID1608red	0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red	0.9813	0.0187	0.4953	-0.0071	0.5505
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9982	0.0018	0.4995	-0.0009	0.5226
AID439Morered	0.8571	0.1429	0.8250	0.5882	0.5283
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed	0.9988	0.0012	0.6826	0.3631	0.5151
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.6429	0.2857	0.8453
AID687AID721red	0.9979	0.0021	0.4995	-0.0009	0.3503
AID687red	0.9961	0.0039	0.5730	0.1316	0.5215
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red	0.4444	0.5556	0.3077	-0.3636	0.8576
AID746AID1284red	0.9987	0.0013	0.4997	-0.0005	0.5055
AID746red	0.9928	0.0072	0.5322	0.0421	0.4677
aids	0.8592	0.1408	0.7963	0.5801	0.5679
air_pollution	0.3500	0.1857	0.1346	-0.0037	0.7513
air-booking	0.8480	0.1520	0.5760	0.0659	0.5392
airline	0.9547	0.0453	0.9539	0.9076	0.2454
alcohol	0.8286	0.0686	0.6007	0.6200	0.4083
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.9209	0.0791	0.9134	0.8211	0.3298
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9944	0.0056	0.8601	0.7115	0.4836
anuran-family	0.9652	0.0174	0.9301	0.9334	0.0998
anuran-genus	0.9458	0.0136	0.8433	0.9105	0.1629
anuran-species	0.9528	0.0094	0.8925	0.9344	0.1406
anxiety	0.1167	0.1963	0.1148	0.0061	0.7987
apple-quality	0.8150	0.1850	0.8150	0.6300	0.6353
aps-failure	0.9895	0.0105	0.8357	0.6642	0.3608
arabidopsis	0.9919	0.0081	0.5766	0.0092	0.0894
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9838	0.0162	0.5457	0.0903	0.5253
arabidopsis10%	0.9911	0.0089	0.5367	0.0359	0.3938

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.5669	0.1304	0.9336
arrhythmia	0.7556	0.0489	0.5985	0.6102	0.2437
auction	1.0000	0.0000	1.0000	1.0000	0.0000
audiology	0.8182	0.0331	0.7889	0.7859	0.0873
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9500	0.0200	0.9520	0.9340	0.0427
avila	0.9919	0.0014	0.9741	0.9894	0.0490
babies	0.4032	0.1705	0.2043	0.1177	0.5796
balance	0.7581	0.1613	0.5535	0.5792	0.4507
bank	0.9065	0.0935	0.7499	0.4970	0.6029
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8226	0.1774	0.8034	0.5975	0.6078
basehock	0.9548	0.0452	0.9550	0.9096	0.2432
bio	0.9964	0.0036	0.8888	0.7661	0.1859
bio10%	0.9938	0.0062	0.8455	0.6866	0.4806
biodeg	0.8190	0.1810	0.8092	0.6182	0.6406
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9872	0.0012	0.1396	0.2670	0.2301
bitcoin1%	0.9849	0.0043	0.3541	0.1509	0.4431
bitcoin10%	0.9873	0.0023	0.2928	0.2666	0.3537
body-perf	0.6881	0.1560	0.6915	0.5841	0.4603
bookings	0.9909	0.0061	0.7996	0.9806	0.0558
brain-tumor	0.4880	0.5120	0.4878	-0.0242	1.0000
breast-cancer	0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue	0.7273	0.0909	0.7081	0.6667	0.1559
bridges	0.6000	0.1333	0.4553	0.3939	0.2435
bub10at310k-hg16-17	0.9124	0.0876	0.6660	0.2916	0.5732
bub12at310k-hg16-17	0.9108	0.0892	0.6536	0.2612	0.5724
bub8at310k-hg16-17	0.9109	0.0891	0.6779	0.3361	0.6092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4720	0.3520	0.3174	0.0068	0.6411
car	0.9770	0.0115	0.9665	0.9505	0.0674
car-insurance	0.8320	0.1680	0.8043	0.6087	0.6353
card	0.7391	0.2609	0.7289	0.4543	0.7662
cardiotocography	0.8028	0.0394	0.7793	0.7621	0.2373
cardiotocography-nsp	0.9155	0.0563	0.8512	0.7754	0.3274
cardiovascular	0.7284	0.2716	0.7285	0.4568	0.7817
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8000	0.1333	0.7004	0.6351	0.3539
cas_N6512_cdk_ECFP2	0.7343	0.2657	0.7403	0.4728	0.7510
cas_N6512_rdkit_ATOMPAIR	0.7046	0.2954	0.7026	0.4051	0.8163
cas_N6512_RDkit_AtomPair_FP	0.7239	0.2761	0.7247	0.4480	0.7848
cas_N6512_rdkit_AVALON	0.7619	0.2381	0.7599	0.5194	0.7316
cas_N6512_RDkit_Avalon_FP	0.7730	0.2270	0.7712	0.5418	0.7127
cas_N6512_rdkit_descriptors	0.7292	0.2708	0.7303	0.4588	0.7764
cas_N6512_rdkit_FEATMORGAN	0.7419	0.2581	0.7409	0.4817	0.7629
cas_N6512_RDkit_Featmorgan_FP	0.7592	0.2408	0.7605	0.5189	0.7299
cas_N6512_RDkit_FP	0.7025	0.2975	0.6999	0.3994	0.8188
cas_N6512_rdkit_LAYERED	0.7338	0.2662	0.7329	0.4657	0.7747
cas_N6512_RDkit_Layered_FP	0.7469	0.2531	0.7447	0.4886	0.7543

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7942	0.2058	0.7927	0.5825	0.6678
cas_N6512_RDkit_MACCS_FP	0.8021	0.1979	0.8015	0.6028	0.6609
cas_N6512_rdkit_MORGAN	0.7677	0.2323	0.7680	0.5349	0.7190
cas_N6512_RDkit_morgan_FP	0.7515	0.2485	0.7529	0.5037	0.7418
cas_N6512_rdkit_PATTERN	0.7492	0.2508	0.7522	0.5004	0.7398
cas_N6512_RDkit_pattern_FP	0.7423	0.2577	0.7425	0.4841	0.7597
cas_N6512_rdkit_RDKITFP	0.7112	0.2888	0.7091	0.4181	0.8074
cas_N6512_rdkit_TORSION	0.7108	0.2892	0.7176	0.4268	0.7824
ccds	0.9597	0.0403	0.6188	0.1457	0.4179
ccds1%	0.9066	0.0934	0.5319	0.0596	0.5582
ccds10%	0.9482	0.0518	0.5405	0.0722	0.6210
cdc_diabetes	0.8465	0.1024	0.4376	0.1994	0.3657
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7202	0.2798	0.7123	0.4182	0.7820
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7854	0.5278	0.3340
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9350	0.0650	0.4832	-0.0250	0.6338
CDS49_AID687_Rdkit-ecfp4-fp	0.9970	0.0030	0.4992	-0.0010	0.4761
census	0.9501	0.0499	0.7514	0.4724	0.4596
census10%	0.9462	0.0538	0.7148	0.4088	0.5312
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9535	0.0465	0.8495	0.6895	0.5225
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9651	0.0349	0.8728	0.7101	0.5112
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9338	0.0331	0.9211	0.9012	0.1555
chrom19	0.9997	0.0003	0.9248	0.8475	0.1966
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9993	0.0007	0.8425	0.6839	0.4515
chrom21	0.9990	0.0008	0.5073	0.0197	0.3105
chrom211%	0.9984	0.0016	0.4996	-0.0008	0.5045
chrom2110%	0.9989	0.0011	0.4997	-0.0004	0.2749
chronic-kidney	0.8976	0.1024	0.6575	0.3147	0.6661
churn	0.8440	0.1560	0.7369	0.4629	0.6531
churn-bigml	0.9513	0.0487	0.8968	0.7842	0.2759
ci900367j_MACCS	0.6737	0.3263	0.6777	0.3457	0.8212
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.6976	0.5819	0.4832
cjs	0.9964	0.0012	0.9962	0.9956	0.0059
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7528	0.1236	0.6051	0.6253	0.5207
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.8000	0.2000	0.5291	0.0566	0.7027
cmc	0.5646	0.2902	0.5471	0.3282	0.6855
cnae-9	0.8889	0.0247	0.8934	0.8750	0.1185
codon_usage	0.8350	0.0300	0.6710	0.7994	0.2780
coil20	0.9167	0.0083	0.9195	0.9123	0.0573
college	0.9351	0.0649	0.9166	0.8287	0.3041
collins	0.9800	0.0027	0.9667	0.9780	0.0066
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.6552	0.3448	0.6219	0.2408	0.8849
colposcopies-3	0.5862	0.4138	0.5971	0.1869	0.9040
colposcopies-4	0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5	0.6897	0.3103	0.4082	-0.1810	0.8560
colposcopies-6	0.6897	0.3103	0.6957	0.3830	0.8108
colposcopies-c	0.6207	0.3793	0.5909	0.1671	0.8101
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.8387	0.1075	0.7914	0.7395	0.2576

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5246	0.4691	0.6098	0.0002	0.5218
comedy_comparisons1%	0.5162	0.4838	0.3405	-0.0018	0.5422
comedy_comparisons10%	0.5150	0.4707	0.5504	0.0115	0.5800
connect-4	0.9827	0.0115	0.6347	0.4186	0.1328
cottonmeloidogyne	0.7019	0.2981	0.7025	0.4042	0.8161
coupon	0.7019	0.2981	0.6925	0.3820	0.8183
covid19	0.5492	0.1288	0.2309	0.1954	0.3796
covtype	0.9476	0.0150	0.9157	0.9159	0.1573
covtype10%	0.8413	0.0453	0.7742	0.7445	0.3431
covtypeCD	0.9831	0.0169	0.9642	0.9284	0.1926
covtypeT	0.9787	0.0213	0.9178	0.8356	0.3229
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9995	0.0005	0.9233	0.8407	0.1267
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9051	0.0316	0.7761	0.8054	0.3430
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.4062	0.0371	0.3693	0.3871	0.1167
customer-churn	0.9830	0.0170	0.7527	0.4888	0.4454
cybersecurity	0.1433	0.2856	0.1441	-0.0282	0.8966
cyclopentane	0.5556	0.4444	0.5500	0.1000	0.9644
cylinder-bands	0.7963	0.2037	0.8026	0.5948	0.6428
darwin	0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1050	0.1790	0.1050	0.0055	0.9269
day1%	0.9795	0.0205	0.9778	0.9556	0.1458
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8130	0.1870	0.6932	0.3646	0.6946
defect	0.9352	0.0648	0.8756	0.7497	0.4212
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8934	0.1066	0.7183	0.4319	0.6353
depressed	0.8112	0.1888	0.5616	0.0994	0.7452
dermatology	0.9189	0.0270	0.9220	0.8987	0.0899
desharnais	0.6250	0.2500	0.6972	0.3846	0.3352
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
df_final	0.5625	0.2917	0.6117	0.3488	0.4574
DIA	0.8167	0.1833	0.7503	0.5000	0.6959
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k	0.9688	0.0312	0.8920	0.7612	0.1312
diabetes-risk	0.9181	0.0819	0.8721	0.7432	0.4503
diabetic	0.5744	0.2837	0.4399	0.1682	0.5973
diabetic1%	0.5098	0.3268	0.3228	0.0330	0.7304
diabetic10%	0.5619	0.2921	0.4260	0.1518	0.6511
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7544	0.0983	0.7551	0.6501	0.3221
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.5000	0.5000	0.5000	0.0000	0.9831
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.9952	0.0048	0.4988	-0.0023	0.5396
dna1%	0.9968	0.0032	0.5122	0.0118	0.3976
dna10%	0.9972	0.0028	0.4993	-0.0000	0.0207
dorothea	0.9478	0.0522	0.8492	0.6984	0.4802
dota2	0.5501	0.4499	0.5450	0.0885	0.9645
dota210%	0.5311	0.4689	0.5373	0.0722	0.9630
drebin	0.9754	0.0246	0.9738	0.9475	0.1689
dropout	0.7246	0.1836	0.6452	0.5429	0.5409

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.2979	0.2006	0.1126	-0.0327	0.6904
drug-02	0.3723	0.1793	0.2043	0.0727	0.7703
drug-03	0.6011	0.1330	0.1614	0.0440	0.6068
drug-04	0.4362	0.1611	0.1954	0.0557	0.7623
drug-05	0.6755	0.0927	0.1398	-0.0113	0.6537
drug-06	0.3777	0.1778	0.2894	0.2377	0.6625
drug-07	0.3883	0.2039	0.1893	0.0069	0.4461
drug-08	0.4415	0.1596	0.1679	0.0816	0.6517
drug-09	0.8404	0.0532	0.1722	0.0710	0.3701
drug-10	0.4840	0.1474	0.1892	0.1391	0.6461
drug-11	0.8032	0.0562	0.1523	0.0185	0.5277
drug-12	0.7181	0.0940	0.1855	0.0371	0.7862
drug-13	0.5426	0.1307	0.1765	0.1495	0.6628
drug-14	0.4947	0.1444	0.2181	0.1768	0.6983
drug-15	0.7074	0.0836	0.2009	0.1310	0.6167
drug-16	0.5266	0.1578	0.2709	0.2324	0.7303
drug-17	0.2926	0.2021	0.2094	0.0925	0.7765
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.6436	0.1018	0.1372	-0.0293	0.5476
drybean	0.9074	0.0265	0.9225	0.8881	0.1430
ecoli	0.8235	0.0588	0.6869	0.7551	0.1749
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9091	0.0909	0.6822	0.3529	0.6260
ecommerce	0.3600	0.3200	0.3572	0.1450	0.7643
eeg	0.4173	0.0728	0.4132	0.3499	0.6243
eeg-eye	0.8405	0.1595	0.8387	0.6774	0.5843
eeg10%	0.3266	0.0842	0.2539	0.2480	0.6555
email_phishing	0.9875	0.0125	0.6673	0.1589	0.1944
eucalyptus	0.6849	0.1260	0.6745	0.5953	0.3455
euthyroid	0.9589	0.0411	0.8792	0.7570	0.3878
exon.vs.intron-freq	0.9656	0.0344	0.9655	0.9309	0.2023
exon.vs.intron-freq10%	0.9313	0.0687	0.9311	0.8621	0.3346
fakenews	0.4850	0.5150	0.4838	-0.0320	1.0000
farm-ads	0.8768	0.1232	0.8762	0.7521	0.4949
fbis-wc	0.7033	0.0349	0.6078	0.6639	0.2896
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.6275	0.3725	0.6212	0.2141	0.8410
financial-risk	0.9145	0.0285	0.7155	0.8652	0.1688
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.7000	0.0857	0.5928	0.6250	0.2369
fonts	0.8300	0.0022	0.6762	0.8224	0.2816
fonts10%	0.6250	0.0049	0.3394	0.6084	0.4917
forest	0.8654	0.0673	0.8542	0.8145	0.1957
gas	0.9799	0.0067	0.9786	0.9756	0.0470
gastrointestinal	0.6250	0.2500	0.5916	0.3846	0.5695
gender	0.5937	0.2709	0.4657	0.1672	0.6614
gene	0.9401	0.0400	0.9321	0.9037	0.1928
german	0.6700	0.3300	0.6059	0.1951	0.8568
gestures	0.7902	0.1049	0.7902	0.7203	0.3701
gina	0.9135	0.0865	0.9136	0.8271	0.3917
gisette	0.9529	0.0471	0.9529	0.9057	0.2546
glass	0.7143	0.0952	0.7042	0.6075	0.2841
glass-g2	0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage	0.4667	0.2667	0.3803	0.2547	0.5134
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.6667	0.3333	0.4923	-0.0135	0.9051
hapt	0.9149	0.0142	0.7537	0.8994	0.0986
har	0.9648	0.0141	0.9629	0.9555	0.0857
har70	0.9200	0.0229	0.6214	0.8816	0.2914
har701%	0.8960	0.0297	0.5397	0.8469	0.2244
har7010%	0.9072	0.0265	0.5864	0.8633	0.3411
harth	0.8841	0.0193	0.6395	0.8420	0.2212
harth1%	0.8462	0.0256	0.4923	0.7893	0.2112
harth10%	0.8655	0.0224	0.5994	0.8169	0.2669
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.5294	0.4706	0.5352	0.0685	0.9552
health-activity	0.6600	0.1700	0.2786	0.0431	0.6755
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.7742	0.2258	0.7941	0.5580	0.6147
heart-c	0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure	0.9820	0.0180	0.9791	0.9581	0.1321
heart-quantum	0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.8565	0.1435	0.8572	0.7129	0.5396
hepmass1%	0.8430	0.1570	0.8437	0.6860	0.5717
hepmass10%	0.8526	0.1474	0.8532	0.7053	0.5502
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.7139	0.2861	0.7127	0.4255	0.8034
higgs0.1%	0.6418	0.3582	0.6394	0.2784	0.8891
higgs1%	0.6900	0.3100	0.6880	0.3754	0.8338
higgs10%	0.7031	0.2969	0.7019	0.4037	0.8178
higher	0.2143	0.1964	0.1190	0.0778	0.3589
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8634	0.1366	0.7294	0.4446	0.6329
hiva	0.9598	0.0402	0.6031	0.1737	0.5500
horse	0.5833	0.2778	0.5580	0.2633	0.6313
hotel-reservartions	0.8840	0.1160	0.8681	0.7361	0.5047
hr	0.8421	0.1579	0.4962	-0.0042	0.6840
ht-sensor	0.9997	0.0002	0.9997	0.9995	0.0021
ht-sensor10%	0.9975	0.0017	0.9976	0.9963	0.0129
htru2	0.9737	0.0263	0.9209	0.8418	0.3216
hypothyroid	0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT	0.9947	0.0053	0.9822	0.9638	0.1636
ilpd	0.6271	0.3729	0.4918	-0.0156	0.9340
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9733	0.0133	0.9738	0.9644	0.0557
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.7882	0.0163	0.7911	0.7797	0.1811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8017	0.1983	0.6096	0.1865	0.7316
jvowels	0.8845	0.0257	0.8797	0.8692	0.1762
kc1	0.8531	0.1469	0.6707	0.3167	0.6679
kc1-class-level-defectiveornot	0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect	0.6154	0.1538	0.4379	0.3500	0.4741
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.6126	0.2248	0.8173
kdc-4007	0.6459	0.1012	0.6578	0.5866	0.4458
kddcup98	0.9527	0.0553	0.5170	0.0088	0.4505
kddcup981%	0.9263	0.0737	0.4809	-0.0310	0.6583
kddcup9810%	0.9403	0.0597	0.4846	-0.0146	0.5362
kddcup99	1.0000	0.0000	0.7224	0.9999	0.0206
kddcup991%	0.9980	0.0003	0.7495	0.9966	0.0403
kddcup9910%	0.9996	0.0000	0.8104	0.9993	0.0616
kepler	0.8703	0.0865	0.8250	0.7866	0.2432
kidney	0.7819	0.0872	0.1874	-0.0091	0.4223
kidney-disease	0.9000	0.1000	0.9072	0.7975	0.3632
krkopt	0.8581	0.0158	0.8576	0.8415	0.1830
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.7587	0.0804	0.7284	0.6949	0.3744
la2s-wc	0.7815	0.0728	0.7557	0.7234	0.3468
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0256	0.6873	0.6909	0.0717
led24	0.7000	0.0667	0.7128	0.6591	0.1676
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8905	0.0084	0.8905	0.8861	0.1259
leukemia	0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2	0.7143	0.2857	0.7083	0.4167	0.8058
libra	0.8056	0.0259	0.7694	0.7910	0.0784
linkage	1.0000	0.0000	0.9989	0.9978	0.0097
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.9999	0.0001	0.9964	0.9928	0.0211
liver	0.6765	0.3235	0.6579	0.3100	0.8329
loan	0.9813	0.0187	0.9801	0.9601	0.1317
localization	0.6993	0.0547	0.4593	0.6189	0.5103
localization10%	0.6141	0.0702	0.3996	0.5114	0.5986
lrs	0.8491	0.0431	0.8762	0.7915	0.1405
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.6250	0.1500	0.5000	0.5102	0.1838
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.7778	0.0741	0.5714	0.7000	0.0707
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.7423	0.2577	0.7423	0.4846	0.7618
magic04	0.8532	0.1468	0.8357	0.6643	0.5429
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8021	0.1979	0.8011	0.6010	0.6576
marketing	0.8705	0.1295	0.7201	0.4351	0.6569
maternal	0.8317	0.1122	0.8347	0.7446	0.3750
math	0.8250	0.0875	0.7636	0.7315	0.3244
mba	0.8113	0.1258	0.3906	0.1581	0.5402
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2167	0.3133	0.2208	0.0188	0.8023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6348	0.3652	0.6343	0.2671	0.8894
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8784	0.8448	0.1220
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.8750	0.0250	0.8771	0.8611	0.1450
mfeat-fou	0.7600	0.0480	0.7586	0.7333	0.2071
mfeat-kar	0.8250	0.0350	0.8279	0.8056	0.2062
mfeat-mor	0.6950	0.0610	0.7018	0.6611	0.2220
mfeat-pix	0.8550	0.0290	0.8572	0.8389	0.1642
mfeat-zer	0.6800	0.0640	0.6841	0.6444	0.2867
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.5279	0.4119	0.4524
mobile	0.6783	0.0115	0.6879	0.6725	0.1410
monks-1	0.9273	0.0727	0.9283	0.8543	0.3306
monks-2	1.0000	0.0000	1.0000	1.0000	0.0000
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4706	0.0963	0.4926	0.3604	0.5380
musk	0.9576	0.0424	0.9153	0.8250	0.2543
MUT_ci300400a_cdk_ECFP2	0.7782	0.2218	0.7742	0.5477	0.7070
MUT_ci300400a_cdk_ECFP4	0.7844	0.2156	0.7772	0.5540	0.6985
MUT_ci300400a_cdk_ECFP6	0.7677	0.2323	0.7654	0.5289	0.7207
MUT_ci300400a_cdk_ESTATE	0.7746	0.2254	0.7668	0.5330	0.7152
MUT_ci300400a_cdk_EXTENDED	0.8141	0.1859	0.8095	0.6189	0.6433
MUT_ci300400a_cdk_FCFP2	0.8012	0.1988	0.7954	0.5907	0.6686
MUT_ci300400a_cdk_FCFP4	0.7626	0.2374	0.7590	0.5169	0.7315
MUT_ci300400a_cdk_FCFP6	0.7710	0.2290	0.7664	0.5323	0.7200
MUT_ci300400a_cdk_MACCS	0.8165	0.1835	0.8120	0.6238	0.6386
MUT_ci300400a_cdk_PUBCHEM	0.8371	0.1629	0.8326	0.6652	0.5960
MUT_ci300400a_cdk_STANDARD	0.8204	0.1796	0.8144	0.6283	0.6297
MUT_ci300400a_rdkit_descriptors	0.8133	0.1867	0.8084	0.6166	0.6430
myocardial	0.8647	0.0338	0.2898	0.4107	0.3249
naticusdroid	0.9676	0.0324	0.9676	0.9352	0.1926
NCI60	0.3333	0.2222	0.3333	0.2000	0.2322
nci9	0.3333	0.2222	0.2564	0.2000	0.2590
ncRNA	0.9464	0.0056	0.7601	0.8612	0.6576
ncRNA1%	0.8977	0.0108	0.4590	0.7139	0.6365
ncRNA10%	0.9225	0.0082	0.6178	0.7931	0.7499
neo	0.9095	0.0905	0.6617	0.2277	0.4724
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT	0.9048	0.0952	0.8056	0.6111	0.5744
new3s-wc	0.7153	0.0129	0.6975	0.7062	0.2297
newspop	0.6352	0.3648	0.6347	0.2692	0.8946
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9559	0.0441	0.9456	0.8912	0.2663
NPHA-doctor-visits	0.5000	0.3333	0.4247	0.0609	0.6959
nursery	0.9985	0.0008	0.9988	0.9977	0.0051
obesity	0.9573	0.0122	0.9584	0.9502	0.0649
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc	0.8713	0.0257	0.8374	0.8527	0.1263
oh10-wc	0.7238	0.0552	0.7237	0.6876	0.2726
oh15-wc	0.7283	0.0543	0.7231	0.6901	0.2592
oh5-wc	0.7692	0.0462	0.7560	0.7408	0.2264

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.6586	0.0683	0.6489	0.6186	0.4245
olive	0.9298	0.0156	0.9215	0.9118	0.0463
opn310k	0.9147	0.0853	0.6761	0.3092	0.5579
opn310k10%	0.9152	0.0848	0.6917	0.3675	0.6024
opnat310k-hg16-17	0.9133	0.0867	0.6707	0.3008	0.5684
optdigits	0.9057	0.0189	0.9080	0.8952	0.1337
optdigitsZ	0.9911	0.0089	0.9728	0.9456	0.1683
orl	0.7500	0.0125	0.7174	0.7436	0.0435
orlraws10P	0.8000	0.0400	0.7742	0.7778	0.0497
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9526	0.0474	0.5650	0.1205	0.6130
ozone8hr	0.9012	0.0988	0.5753	0.1438	0.6828
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7784	0.2216	0.7505	0.5008	0.7272
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants	0.9946	0.0054	0.6855	0.3677	0.5198
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9817	0.0073	0.9328	0.8990	0.2206
parkinson	0.9750	0.0250	0.9745	0.9478	0.1158
parkinsons	0.9194	0.0806	0.9140	0.8276	0.3785
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.9124	0.0876	0.8925	0.7849	0.4437
particle10%	0.8723	0.1277	0.8467	0.6921	0.5567
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.8559	0.1441	0.5171	0.0337	0.6669
pcmac	0.5567	0.4433	0.4699	-0.0303	0.8453
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.8038	0.6071	0.6125
pediatric-leukemia	0.6176	0.1092	0.5385	0.5298	0.3118
pendigits	0.9672	0.0066	0.9667	0.9636	0.0568
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.3333	0.6667	0.3415	-0.2857	0.9644
persistency	0.7813	0.2187	0.7620	0.5200	0.7041
personalities	0.6638	0.0420	0.6640	0.6414	0.4337
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.9998	0.0001	0.9997	0.9997	0.0009
phone-acc0.1%	0.9089	0.0260	0.9033	0.8935	0.1132
phone-acc1%	0.9868	0.0038	0.9859	0.9846	0.0258
phone-acc10%	0.9973	0.0008	0.9971	0.9969	0.0067
phone-gyr	0.9996	0.0001	0.9996	0.9995	0.0012
phone-gyr0.1%	0.9253	0.0213	0.9186	0.9127	0.0914
phone-gyr1%	0.9807	0.0055	0.9786	0.9774	0.0314
phone-gyr10%	0.9971	0.0008	0.9968	0.9966	0.0068
phoneme	0.9056	0.0944	0.8861	0.7715	0.4655
phy	0.7036	0.2964	0.7045	0.4068	0.8106
pima	0.7763	0.2237	0.7647	0.5292	0.7169
pirvision	0.9961	0.0026	0.9931	0.9876	0.0275
placement	0.7500	0.2500	0.7404	0.4776	0.7498
plant-growth	0.7895	0.2105	0.7933	0.5730	0.6420
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker	0.6312	0.0820	0.3282	0.3373	0.5646
poker1%	0.5561	0.1268	0.1993	0.1712	0.4456
poker10%	0.5661	0.1085	0.2158	0.2159	0.5882
polish-1st	0.9858	0.0142	0.8978	0.7927	0.2828
polish-2nd	0.9695	0.0305	0.7561	0.4777	0.4089
polish-3rd	0.9562	0.0438	0.7163	0.4174	0.5302

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9520	0.0480	0.7417	0.4803	0.5553
polish-5th	0.9509	0.0491	0.7878	0.5661	0.4821
polya	0.7319	0.2681	0.7060	0.4119	0.7943
popularity	0.6537	0.2309	0.4299	0.2236	0.5806
post-operative	0.4444	0.5556	0.4208	-0.1538	0.9711
postures	0.9721	0.0112	0.9718	0.9651	0.0701
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6185	0.2353	0.9081
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.4242	0.0886	0.3248	0.3509	0.2779
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6567	0.3433	0.5795	0.1528	0.8942
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9865	0.0054	0.9765	0.9819	0.0425
puc-rio10%	0.9674	0.0130	0.9437	0.9563	0.0828
pufs-128	0.4979	0.5021	0.4979	-0.0042	1.0000
pufs-1281%	0.4855	0.5145	0.4855	-0.0290	1.0000
pufs-12810%	0.5021	0.4979	0.5021	0.0043	0.9988
pufs-64	0.5004	0.4996	0.5004	0.0008	0.9992
pufs-641%	0.5017	0.4983	0.5016	0.0033	0.9977
pufs-6410%	0.5048	0.4952	0.5048	0.0097	0.9973
pulsar	0.9848	0.0152	0.9536	0.9057	0.1524
raisin	0.8222	0.1778	0.8235	0.6444	0.6119
rcv1	0.2369	0.0234	0.0167	0.0125	0.3080
rcv11%	0.6796	0.0156	0.4124	0.6430	0.2876
rcv110%	0.6599	0.0127	0.2797	0.6306	0.3456
re0-wc	0.7933	0.0318	0.7647	0.7295	0.2202
re1-wc	0.7952	0.0164	0.6522	0.7679	0.1927
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8313	0.0070	0.4688	0.7679	0.2817
rice	0.9841	0.0159	0.9839	0.9678	0.1111
rnaseq	0.9875	0.0050	0.9901	0.9834	0.0182
rocket	0.6589	0.3411	0.6369	0.2683	0.8712
RT_IOT2022	0.9987	0.0002	0.9815	0.9967	0.0028
satimage	0.8678	0.0441	0.8469	0.8371	0.2080
satimageF	0.9829	0.0171	0.9569	0.9135	0.2416
satimageT	0.9285	0.0715	0.8032	0.6064	0.5545
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.5556	0.4444	0.3571	-0.2857	0.9011
schizo	0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9167	0.0833	0.5990	0.1927	0.6604
secondary_mushroom	0.9993	0.0007	0.9993	0.9987	0.0077
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9610	0.0111	0.9641	0.9544	0.0615
segmentation	0.8119	0.1881	0.8028	0.6023	0.6508
segmentO	0.9913	0.0087	0.9834	0.9663	0.1466
seismic	0.9264	0.0736	0.5906	0.1445	0.5922
semeion	0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram	0.8263	0.1737	0.5253	0.0457	0.7710
sens-10-gram	0.8609	0.1391	0.5951	0.1347	0.6272
sens-2-gram	0.8263	0.1737	0.5624	0.1206	0.7656
sens-3-gram	0.8395	0.1605	0.6272	0.2532	0.7369
sens-4-gram	0.8342	0.1658	0.5792	0.1523	0.7542
sens-5-gram	0.8500	0.1500	0.6073	0.2013	0.7225
sens-6-gram	0.8289	0.1711	0.5568	0.1077	0.7641

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8474	0.1526	0.5962	0.1788	0.7282
sens-8-gram	0.8316	0.1684	0.5597	0.1124	0.7603
sens-9-gram	0.8289	0.1711	0.5478	0.0892	0.7653
sensorless	0.9873	0.0023	0.9874	0.9861	0.0231
sepsis	0.9094	0.0906	0.6567	0.0015	0.2086
shoppers	0.8856	0.1144	0.7666	0.5300	0.6078
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9814	0.0186	0.9216	0.8412	0.2443
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9992	0.0008	0.9988	0.9976	0.0120
skin10%	0.9980	0.0020	0.9969	0.9938	0.0201
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2400	0.3800	0.2401	-0.0182	0.7992
smk_can_187	0.5263	0.4737	0.5444	0.0757	0.9099
smoking	0.7958	0.2042	0.7795	0.5590	0.6887
soil_pollution	0.1933	0.3227	0.1931	-0.0092	0.8799
solar-flare	0.7410	0.0863	0.5719	0.6652	0.1949
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9495	0.0505	0.8470	0.6940	0.4749
spambase	0.9109	0.0891	0.9069	0.8138	0.4098
spect	0.7407	0.2593	0.5488	0.0870	0.8344
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.5000	0.0370	0.3935	0.4700	0.1616
splice-EI	0.9432	0.0568	0.9281	0.8544	0.3559
splice-IE	0.9211	0.0789	0.8914	0.7827	0.4370
sport-articles	0.7800	0.2200	0.7641	0.5281	0.7159
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9050	0.0634	0.8798	0.8455	0.2279
steel-b	0.7949	0.2051	0.6912	0.3823	0.7527
steel-d	0.9795	0.0205	0.8564	0.7039	0.4990
steel-k	0.9846	0.0154	0.9767	0.9533	0.1586
steel-o	0.7692	0.2308	0.7451	0.4902	0.7396
steel-p	0.9282	0.0718	0.7752	0.5491	0.5905
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.9795	0.0205	0.9493	0.8934	0.3231
stellar	0.9735	0.0177	0.9691	0.9528	0.0939
stock	0.9236	0.0764	0.8659	0.7297	0.4443
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0362
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.5150	0.1940	0.2940	0.2305	0.5919
student-depression	0.8118	0.1882	0.8045	0.6074	0.6431
student-habits	0.2900	0.2840	0.1626	-0.0417	0.7443
student-weekend	0.3385	0.2646	0.3167	0.1314	0.6969
student-workday	0.6562	0.1375	0.2422	0.1161	0.7357
studentap	0.5385	0.3077	0.4046	0.2500	0.5362
susy	0.7901	0.2099	0.7887	0.5728	0.6707
susy1%	0.7744	0.2256	0.7728	0.5403	0.6975
susy10%	0.7878	0.2122	0.7866	0.5678	0.6726
swarm_aligned	0.9996	0.0004	0.9995	0.9990	0.0035
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn	0.8580	0.1420	0.8156	0.6309	0.5974
texture	0.9200	0.0145	0.9240	0.9118	0.1057

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9581	0.0419	0.7372	0.4109	0.5232
Thyroid_Diff	0.8947	0.1053	0.8683	0.7295	0.4423
tic-tac-toe	0.9368	0.0632	0.9333	0.8628	0.3337
tis	0.8998	0.1002	0.8604	0.7166	0.4654
tis10%	0.9030	0.0970	0.8638	0.7123	0.3917
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1500	0.3636	0.3684	0.1904
tox_171	0.5294	0.2353	0.4773	0.3733	0.4003
toxicity	0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f	0.6471	0.3529	0.6451	0.2817	0.8486
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.5257	0.0506	0.8893
trec11-wc	0.8537	0.0325	0.7790	0.8235	0.1389
trec12-wc	0.8387	0.0403	0.8945	0.8086	0.1413
trec21-wc	0.8485	0.0606	0.6897	0.6845	0.2158
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	0.9355	0.0215	0.9411	0.9145	0.1137
trec41-wc	0.9318	0.0136	0.8363	0.9169	0.0889
trec45-wc	0.9275	0.0145	0.8397	0.9154	0.0576
tuandromd	0.9843	0.0157	0.9754	0.9507	0.1231
turkish	0.7250	0.1375	0.7271	0.6333	0.3544
tvnews	0.9315	0.0685	0.9258	0.8508	0.3342
tvnews1%	0.8385	0.1615	0.8236	0.6424	0.5841
tvnews10%	0.8697	0.1303	0.8585	0.7162	0.5236
ur3_cobotops_grip	0.9633	0.0367	0.6785	0.3534	0.5758
ur3_cobotops_stop	0.9714	0.0286	0.7735	0.5388	0.4748
urban	0.7910	0.0464	0.8024	0.7566	0.1700
urinalysis	0.9441	0.0559	0.6684	0.3075	0.5516
url-rep1%	0.9812	0.0188	0.9789	0.9578	0.1350
ustilago	0.9897	0.0103	0.5109	0.0051	0.2759
ustilago1%	0.9788	0.0212	0.5638	0.1231	0.5163
ustilago10%	0.9805	0.0195	0.5296	0.0591	0.5547
vehicle	0.7619	0.1190	0.7214	0.6775	0.2496
vehicleVAN	0.9524	0.0476	0.9393	0.8769	0.3203
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.8140	0.1860	0.8280	0.6301	0.5432
vowel	0.4949	0.0918	0.5234	0.4444	0.3123
vowelZ	0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17	0.9098	0.0902	0.6609	0.2909	0.5990
wap-wc	0.6731	0.0327	0.4917	0.6349	0.2739
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	0.8571	0.0286	0.8821	0.8409	0.0655
watch-acc	0.9999	0.0000	0.9999	0.9999	0.0005
watch-acc1%	0.9881	0.0034	0.9877	0.9861	0.0269
watch-acc10%	0.9988	0.0003	0.9987	0.9986	0.0036
watch-gyr	0.9999	0.0000	0.9999	0.9999	0.0004
watch-gyr1%	0.9900	0.0029	0.9899	0.9883	0.0222
watch-gyr10%	0.9991	0.0003	0.9990	0.9989	0.0030
water_pollution	0.2333	0.3833	0.2304	-0.0232	0.8771
waveform	0.7380	0.1747	0.7382	0.6069	0.5129
weather-related	0.9654	0.0063	0.9652	0.9608	0.0539
web-phishing	0.8595	0.0901	0.8400	0.7672	0.3882
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9977	0.0009	0.9975	0.9971	0.0078
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9650	0.0175	0.9649	0.9533	0.0768

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9731	0.0269	0.8850	0.7580	0.4775
wine	0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red	0.6604	0.1132	0.3272	0.4636	0.5023
winequality-white	0.6115	0.1295	0.4188	0.4269	0.6596
winnipeg	0.9910	0.0026	0.9848	0.9887	0.0277
winnipeg10%	0.9788	0.0060	0.9757	0.9732	0.0576
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.6250	0.0500	0.5714	0.6000	0.0887
yeast	0.4932	0.1126	0.4390	0.3506	0.3772
yeastCYT-POX	0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9459	0.0541	0.7001	0.4002	0.6035
zip	0.8731	0.0254	0.8611	0.8578	0.1848

Table 286: Detailed results for DTAcc

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1343	0.0597	0.0618	0.0421	0.4929
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.9573	0.0427	0.9071	0.8091	0.2813
adult	0.8270	0.1730	0.7367	0.3849	0.4849
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8730	0.1270	0.5243	0.0464	0.7227
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7810	0.2190	0.4385	-0.0672	0.7741
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7222	0.2778	0.4194	-0.1613	0.7929
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.6707	0.3056	0.7334
AID644red	0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red	0.4444	0.5556	0.3077	-0.3636	0.8576
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8169	0.1831	0.7710	0.5370	0.6800
air_pollution	0.3933	0.1733	0.0816	-0.0067	0.4679
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8839	0.1161	0.8816	0.7621	0.4731
alcohol	0.7810	0.0876	0.4156	0.4775	0.2508
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.7953	0.2047	0.7688	0.5177	0.6421
anneal	0.9551	0.0180	0.7608	0.9087	0.1184
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8261	0.0869	0.4211	0.6561	0.2322
anuran-genus	0.7719	0.0570	0.3457	0.6023	0.2506
anuran-species	0.6458	0.0708	0.2633	0.4891	0.2275
anxiety	0.1167	0.1963	0.1131	0.0053	0.8100
apple-quality	0.7050	0.2950	0.7070	0.4100	0.8038
aps-failure	0.9878	0.0122	0.8192	0.6375	0.4436
arabidopsis	0.9920	0.0080	0.6663	0.0022	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.7111	0.0444	0.4900	0.5555	0.3028
auction	0.9118	0.0882	0.7710	0.5059	0.4685
audiology	0.8261	0.0145	0.3714	0.7982	0.0638
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7500	0.0833	0.6173	0.6656	0.1831
avila	0.5688	0.0719	0.4827	0.4000	0.3540
babies	0.4516	0.1567	0.1509	0.1411	0.4401
balance	0.7742	0.1505	0.5360	0.5774	0.3456
bank	0.9056	0.0944	0.7371	0.4658	0.5965
banknote	0.9124	0.0876	0.9118	0.8233	0.3977
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8295	0.1705	0.8113	0.6148	0.5966
basehock	0.9598	0.0402	0.9599	0.9196	0.2246
bio	0.9962	0.0038	0.8809	0.7424	0.1420
bio10%	0.9952	0.0048	0.8695	0.7383	0.4184
biodeg	0.7524	0.2476	0.7304	0.4540	0.7472
biomed	0.8571	0.1429	0.8467	0.6897	0.5386
bitcoin	0.9858	0.0010	0.0342	0.0000	0.0117
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0010	0.0342	0.0000	0.0117
body-perf	0.5142	0.2429	0.5335	0.3522	0.5747
bookings	0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor	0.4965	0.5035	0.4962	-0.0074	0.9989
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue	0.8182	0.0606	0.8611	0.7800	0.1069
bridges	0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17	0.9168	0.0832	0.6736	0.2659	0.4807
bub12at310k-hg16-17	0.8598	0.1282	0.6307	0.2460	0.6889
bub8at310k-hg16-17	0.8728	0.1298	0.6462	0.2880	0.6936
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9130	0.0870	0.9164	0.8189	0.3522
cancer-uae	0.4870	0.3420	0.3048	-0.0071	0.4321
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.8030	0.1970	0.7816	0.5599	0.6809
card	0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography	0.7746	0.0451	0.6804	0.7242	0.1939
cardiotocography-nsp	0.8639	0.0908	0.7472	0.6043	0.3174
cardiovascular	0.7115	0.2885	0.7151	0.4230	0.7867
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.7364	0.6146	0.3808
cas_N6512_cdk_ECFP2	0.6728	0.3272	0.6690	0.3320	0.8443
cas_N6512_rdkit_ATOMPAIR	0.7031	0.2969	0.7068	0.4092	0.8042
cas_N6512_RDkit_AtomPair_FP	0.7117	0.2883	0.7122	0.4232	0.8024
cas_N6512_rdkit_AVALON	0.7573	0.2427	0.7553	0.5073	0.7318
cas_N6512_RDkit_Avalon_FP	0.7531	0.2469	0.7514	0.5029	0.7465
cas_N6512_rdkit_descriptors	0.7292	0.2708	0.7276	0.4552	0.7823
cas_N6512_rdkit_FEATMORGAN	0.7174	0.2826	0.7145	0.4271	0.7957
cas_N6512_RDkit_Featmorgan_FP	0.7301	0.2699	0.7276	0.4541	0.7793
cas_N6512_RDkit_FP	0.6779	0.3221	0.6783	0.3353	0.8015
cas_N6512_rdkit_LAYERED	0.7200	0.2800	0.7210	0.4404	0.7896
cas_N6512_RDkit_Layered_FP	0.6979	0.3021	0.6963	0.3926	0.8246

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7588	0.2412	0.7591	0.5171	0.7336
cas_N6512_RDkit_MACCS_FP	0.7209	0.2791	0.7182	0.4344	0.7906
cas_N6512_rdkit_MORGAN	0.7015	0.2985	0.6984	0.3943	0.8157
cas_N6512_RDkit_morgan_FP	0.6840	0.3160	0.6809	0.3552	0.8291
cas_N6512_rdkit_PATTERN	0.7338	0.2662	0.7315	0.4592	0.7671
cas_N6512_RDkit_pattern_FP	0.6963	0.3037	0.6931	0.3841	0.8232
cas_N6512_rdkit_RDKITFP	0.5991	0.4009	0.6094	0.2103	0.8987
cas_N6512_rdkit_TORSION	0.6692	0.3308	0.6687	0.3175	0.8155
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7510	0.2460	0.7344	0.4731	0.7406
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9431	0.0569	0.6903	0.2372	0.3119
census10%	0.9469	0.0531	0.6931	0.2325	0.2849
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9406	0.0297	0.9342	0.9116	0.1387
chrom19	0.9994	0.0006	0.8685	0.7289	0.4686
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9987	0.0013	0.7689	0.5211	0.5321
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9157	0.0843	0.5768	0.0985	0.5542
churn	0.8110	0.1890	0.6508	0.1362	0.4599
churn-bigml	0.8839	0.1161	0.7226	0.3840	0.5089
ci900367j_MACCS	0.6947	0.3053	0.6806	0.2404	0.5802
circles	0.6800	0.0064	0.6472	0.6768	0.0707
cirrhosis	0.6190	0.2540	0.5744	0.1923	0.5585
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.5324	0.2338	0.2963	0.2225	0.4549
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.4167	0.3889	0.2083	-0.1053	0.5922
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5986	0.2676	0.5788	0.3556	0.6178
cnae-9	0.9259	0.0165	0.9303	0.9167	0.0766
codon_usage	0.7206	0.0508	0.4860	0.6580	0.3531
coil20	0.8403	0.0160	0.8332	0.8318	0.0979
college	0.8571	0.1429	0.8228	0.6452	0.5979
collins	0.7800	0.0293	0.6066	0.7576	0.0741
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2	0.6207	0.3793	0.5643	0.1163	0.9016
colposcopies-3	0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4	0.7586	0.2414	0.6866	0.3715	0.7831
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7273	0.4502	0.7761
colposcopies-c	0.8621	0.1379	0.8117	0.6234	0.6038
column-2c	0.8710	0.1290	0.8558	0.6702	0.3064
column-3c	0.7742	0.1505	0.5665	0.6200	0.1957

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5336	0.4664	0.5315	0.0379	0.8213
comedy_comparisons1%	0.5189	0.4811	0.5099	0.0091	0.7855
comedy_comparisons10%	0.5279	0.4721	0.5370	0.0256	0.7016
connect-4	0.9812	0.0125	0.4888	0.3236	0.0358
cottonmeloidogyne	0.6394	0.3606	0.6565	0.2818	0.8080
coupon	0.6743	0.3257	0.6620	0.3107	0.8322
covid19	0.5281	0.1348	0.1624	0.1303	0.3075
covtype	0.7179	0.0806	0.3981	0.5326	0.3064
covtype10%	0.7095	0.0830	0.3965	0.5157	0.2981
covtypeCD	0.9095	0.0905	0.7837	0.4776	0.2823
covtypeT	0.9343	0.0657	0.7122	0.4150	0.5797
crabs	0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans	0.9992	0.0008	0.8725	0.7443	0.3469
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.7945	0.0685	0.4236	0.5401	0.3192
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.2500	0.0375	0.1257	0.2289	0.1236
customer-churn	0.9790	0.0210	0.4947	-0.0008	0.1774
cybersecurity	0.1600	0.2800	0.1641	-0.0091	0.7817
cyclopentane	0.5926	0.4074	0.5843	0.1681	0.9372
cylinder-bands	0.7037	0.2963	0.7024	0.3504	0.6949
darwin	0.7778	0.2222	0.7778	0.5556	0.7044
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dating	0.0964	0.1807	0.0963	-0.0041	0.9319
day1%	0.9215	0.0785	0.9231	0.8366	0.3467
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8287	0.1713	0.7192	0.4077	0.6377
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8952	0.1048	0.7065	0.3966	0.6139
depressed	0.8182	0.1818	0.4500	-0.0265	0.6019
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4869	0.2258	0.4685
dexter	0.7833	0.2167	0.7874	0.5667	0.6700
df_final	0.7500	0.1667	0.7490	0.6145	0.3415
DIA	0.7500	0.2500	0.6300	0.2500	0.8063
diabetes	0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k	0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk	0.8258	0.1742	0.8007	0.5686	0.6078
diabetic	0.5656	0.2896	0.3674	0.1289	0.5278
diabetic1%	0.4902	0.3399	0.3279	0.0587	0.7555
diabetic10%	0.5442	0.3039	0.3741	0.1151	0.6352
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6372	0.1451	0.4467	0.4761	0.3532
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9304	0.0696	0.8156	0.6281	0.5603
dota2	0.5540	0.4460	0.5514	0.1027	0.9659
dota210%	0.5408	0.4592	0.5339	0.0653	0.9647
drebin	0.9521	0.0479	0.9493	0.8947	0.1990
dropout	0.7201	0.1866	0.5904	0.5137	0.5048

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3723	0.1793	0.1419	-0.0048	0.4629
drug-02	0.5160	0.1383	0.0976	0.0051	0.2969
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5106	0.1398	0.1938	0.0119	0.4982
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3936	0.1733	0.1616	0.2159	0.4354
drug-07	0.4202	0.1657	0.1475	0.0111	0.4095
drug-08	0.5426	0.1307	0.1309	0.0467	0.3898
drug-09	0.8617	0.0395	0.1322	-0.0064	0.2133
drug-10	0.5266	0.1353	0.1389	0.0798	0.4341
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7872	0.0608	0.1258	-0.0070	0.2247
drug-13	0.5851	0.1185	0.1603	0.1752	0.3551
drug-14	0.5638	0.1246	0.1542	0.0220	0.3659
drug-15	0.7660	0.0669	0.1940	0.0664	0.1851
drug-16	0.5585	0.1261	0.1729	0.2538	0.3409
drug-17	0.3617	0.1824	0.1762	0.1054	0.5433
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9001	0.0285	0.9058	0.8790	0.1517
ecoli	0.8529	0.0368	0.5212	0.7962	0.1404
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3400	0.3300	0.3379	0.1206	0.7953
eeg	0.3604	0.0799	0.3484	0.2845	0.6450
eeg-eye	0.7130	0.2870	0.7084	0.4079	0.7872
eeg10%	0.2487	0.0939	0.1894	0.1627	0.6899
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5068	0.1973	0.3956	0.3296	0.3337
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.9003	0.0997	0.9031	0.7986	0.3847
exon.vs.intron-freq10%	0.9023	0.0977	0.9054	0.8024	0.3720
fakenews	0.5150	0.4850	0.5149	0.0298	0.9913
farm-ads	0.7367	0.2633	0.7623	0.4532	0.5591
fbis-wc	0.5041	0.0583	0.2670	0.4148	0.3057
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4902	0.5098	0.4812	-0.0376	1.0000
financial-risk	0.7455	0.0848	0.5750	0.5672	0.2557
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.5000	0.1250	0.3877	0.3846	0.2476
fonts	0.3205	0.0089	0.0284	0.2477	0.2774
fonts10%	0.3195	0.0089	0.0253	0.2464	0.2679
forest	0.9038	0.0481	0.8934	0.8673	0.1258
gas	0.7297	0.0901	0.7614	0.6761	0.2806
gastrointestinal	0.5000	0.3333	0.5225	0.2289	0.6150
gender	0.6063	0.2625	0.4704	0.1684	0.5481
gene	0.5110	0.3260	0.2255	0.0000	0.3731
german	0.6800	0.3200	0.6151	0.2020	0.8228
gestures	0.7115	0.1443	0.7325	0.6153	0.4028
gina	0.8329	0.1671	0.8328	0.6656	0.5986
gisette	0.9414	0.0586	0.9416	0.8829	0.2960
glass	0.8095	0.0635	0.7716	0.7399	0.1240
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7758	0.5291	0.6699
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.7500	0.2500	0.6667	0.3333	0.7987
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4000	0.3000	0.3374	0.1768	0.5588
gsalc	0.5556	0.1481	0.5263	0.4545	0.2085
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.8664	0.0223	0.5708	0.8414	0.1290
har	0.6621	0.1352	0.6725	0.5739	0.4414
har70	0.7690	0.0660	0.3928	0.6237	0.1338
har701%	0.7686	0.0661	0.3914	0.6225	0.1310
har7010%	0.7709	0.0654	0.3948	0.6263	0.1285
harth	0.6436	0.0594	0.2414	0.4938	0.2169
harth1%	0.6432	0.0595	0.2404	0.4936	0.2206
harth10%	0.6423	0.0596	0.2401	0.4921	0.2203
hayes-roth	0.5000	0.3333	0.5746	0.2000	0.5045
hcc-survival	0.5882	0.4118	0.6071	0.2013	0.8825
health-activity	0.7700	0.1150	0.2892	0.0519	0.2818
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.7097	0.2903	0.7164	0.4247	0.7846
heart-c	0.7667	0.2333	0.7652	0.5291	0.7212
heart-failure	0.8800	0.1200	0.8574	0.7115	0.4984
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.8041	0.1959	0.8079	0.6081	0.6312
hepmass1%	0.8069	0.1931	0.8095	0.6132	0.6325
hepmass10%	0.8026	0.1974	0.8057	0.6049	0.6383
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.6454	0.3546	0.6501	0.2957	0.8703
higgs0.1%	0.6318	0.3682	0.6331	0.2650	0.8944
higgs1%	0.6402	0.3598	0.6443	0.2849	0.8777
higgs10%	0.6475	0.3525	0.6516	0.2993	0.8699
higher	0.2143	0.1964	0.1556	0.0778	0.2974
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8600	0.1400	0.7096	0.3804	0.5988
hiva	0.9598	0.0402	0.4897	-0.0084	0.4680
horse	0.5833	0.2778	0.5245	0.2500	0.6516
hotel-reservartions	0.7743	0.2257	0.7288	0.4358	0.6959
hr	0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor	0.8402	0.1065	0.8441	0.7603	0.3504
ht-sensor10%	0.8181	0.1213	0.8215	0.7267	0.3839
htru2	0.9777	0.0223	0.9301	0.8580	0.2226
hypothyroid	0.9443	0.0279	0.4295	0.6990	0.1731
hypothyroidT	0.9894	0.0106	0.9660	0.9297	0.2551
ilpd	0.6610	0.3390	0.4663	-0.0461	0.8780
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9640	0.0180	0.9656	0.9520	0.0606
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.6547	0.0266	0.6702	0.6409	0.2776

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8154	0.1846	0.6287	0.1806	0.6237
jvowels	0.7460	0.0564	0.7453	0.7116	0.2991
kc1	0.8626	0.1374	0.6787	0.2727	0.5332
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.5000	0.0417	0.0307	0.0577	0.2448
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007	0.4613	0.1347	0.4415	0.3703	0.5219
kddcup98	0.9486	0.0514	0.5183	0.0024	0.2241
kddcup981%	0.9158	0.0842	0.4780	-0.0411	0.6731
kddcup9810%	0.9319	0.0681	0.5176	0.0291	0.6408
kddcup99	0.9954	0.0004	0.4370	0.9921	0.0567
kddcup991%	0.9840	0.0014	0.2114	0.9728	0.0124
kddcup9910%	0.9847	0.0013	0.2125	0.9740	0.0149
kepler	0.7584	0.1611	0.7284	0.5906	0.2159
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9250	0.0750	0.9195	0.8378	0.3507
krkopt	0.2275	0.0858	0.0857	0.1103	0.4657
krvskp	0.9436	0.0564	0.9434	0.8869	0.2908
la1s-wc	0.4540	0.1820	0.2890	0.2377	0.3675
la2s-wc	0.4470	0.1843	0.2781	0.2221	0.3649
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.5294	0.0235	0.2896	0.5077	0.1069
led24	0.6500	0.0700	0.6407	0.6100	0.1638
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.6055	0.0303	0.6645	0.5896	0.3092
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.6667	0.0444	0.6638	0.6418	0.1225
linkage	0.9979	0.0021	0.8940	0.7708	0.4755
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9975	0.0025	0.8797	0.7372	0.4972
liver	0.6176	0.3824	0.5735	0.1467	0.9099
loan	0.9696	0.0304	0.9687	0.9361	0.1901
localization	0.4523	0.0996	0.1679	0.2178	0.3539
localization10%	0.4369	0.1024	0.1658	0.1965	0.3806
lrs	0.6415	0.0717	0.2104	0.5015	0.2379
lung	0.9048	0.0381	0.8411	0.8100	0.0677
lung_discrete	0.7500	0.0714	0.5000	0.6923	0.0368
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.8587	0.8068	0.1630
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	0.5556	0.0988	0.3590	0.4706	0.0587
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.6385	0.3615	0.6385	0.2769	0.8921
magic04	0.8096	0.1904	0.7847	0.5561	0.6295
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8165	0.6185	0.5911
marketing	0.8661	0.1339	0.6818	0.3332	0.6348
maternal	0.5644	0.2904	0.6347	0.3196	0.4619
math	0.8750	0.0625	0.8256	0.8054	0.1906
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8333	0.7778	0.1667
mental-health	0.2300	0.3080	0.2277	0.0362	0.8563

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.5913	0.4087	0.5797	0.1588	0.9390
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.9167	0.8475	0.1419
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9000	0.0200	0.9022	0.8889	0.1170
mfeat-fou	0.6800	0.0640	0.6904	0.6444	0.2568
mfeat-kar	0.8000	0.0400	0.8105	0.7778	0.2134
mfeat-mor	0.7100	0.0580	0.6841	0.6778	0.2046
mfeat-pix	0.8300	0.0340	0.8374	0.8111	0.1790
mfeat-zer	0.5750	0.0850	0.5939	0.5278	0.3829
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8491	0.1006	0.8353	0.7606	0.1755
mines	0.5294	0.1882	0.3982	0.4061	0.3662
mobile	0.5594	0.0157	0.5667	0.5514	0.1995
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9963	0.0037	0.9963	0.9926	0.0289
music	0.4228	0.1049	0.3683	0.2905	0.5189
musk	0.8955	0.1045	0.7765	0.4532	0.2887
MUT_ci300400a_cdk_ECFP2	0.6906	0.3094	0.6778	0.3183	0.7604
MUT_ci300400a_cdk_ECFP4	0.7222	0.2778	0.7091	0.4066	0.7747
MUT_ci300400a_cdk_ECFP6	0.6635	0.3365	0.6443	0.2634	0.8226
MUT_ci300400a_cdk_ESTATE	0.7002	0.2998	0.6856	0.3519	0.7891
MUT_ci300400a_cdk_EXTENDED	0.6463	0.3537	0.6243	0.2362	0.8697
MUT_ci300400a_cdk_FCFP2	0.7497	0.2503	0.7395	0.4643	0.7224
MUT_ci300400a_cdk_FCFP4	0.7314	0.2686	0.7195	0.4262	0.7576
MUT_ci300400a_cdk_FCFP6	0.7290	0.2710	0.7175	0.4171	0.7493
MUT_ci300400a_cdk_MACCS	0.7482	0.2518	0.7403	0.4805	0.7588
MUT_ci300400a_cdk_PUBCHEM	0.7174	0.2826	0.7079	0.3805	0.7252
MUT_ci300400a_cdk_STANDARD	0.6527	0.3473	0.6733	0.3259	0.8111
MUT_ci300400a_rdkit_descriptors	0.7331	0.2669	0.7244	0.4469	0.7775
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9339	0.0661	0.9348	0.8677	0.3103
NCI60	0.5000	0.1667	0.3793	0.4000	0.1784
nci9	0.1667	0.1852	0.1111	0.0909	0.2166
ncRNA	0.8561	0.0152	0.1571	0.5597	0.1764
ncRNA1%	0.8559	0.0152	0.0891	0.5590	0.2140
ncRNA10%	0.8559	0.0152	0.1195	0.5607	0.1869
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.2258	0.0352	0.1949	0.1850	0.3666
newspop	0.6342	0.3658	0.6307	0.2587	0.8928
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9153	0.0847	0.8942	0.7785	0.3442
NPHA-doctor-visits	0.5278	0.3148	0.3453	0.0270	0.4882
nursery	0.6628	0.1349	0.3421	0.4962	0.1374
obesity	0.7962	0.0582	0.8070	0.7618	0.2071
obs	0.8333	0.0833	0.8785	0.7450	0.1830
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9042	0.0479	0.5863	0.7064	0.0552
oh0-wc	0.3564	0.1287	0.1498	0.2152	0.3055
oh10-wc	0.5905	0.0819	0.6126	0.5265	0.2872
oh15-wc	0.7609	0.0478	0.7499	0.7279	0.2457
oh5-wc	0.3846	0.1231	0.2857	0.2885	0.3266

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.3880	0.1224	0.3911	0.2935	0.4182
olive	0.5439	0.1014	0.2358	0.4311	0.2129
opn310k	0.9165	0.0835	0.7058	0.3961	0.5910
opn310k10%	0.9171	0.0829	0.7093	0.4094	0.6035
opnat310k-hg16-17	0.9167	0.0833	0.6910	0.3474	0.5603
optdigits	0.7918	0.0416	0.8114	0.7687	0.2291
optdigitsZ	0.9573	0.0427	0.8928	0.7734	0.4682
orl	0.2500	0.0375	0.2196	0.2308	0.1799
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9368	0.0632	0.7123	0.3118	0.3468
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8144	0.1856	0.7985	0.5956	0.6569
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8413	0.1587	0.8466	0.6844	0.5493
p53-mutants	0.9933	0.0067	0.4983	-0.0027	0.5372
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.9561	0.0175	0.6534	0.7573	0.2761
parkinson	0.9583	0.0417	0.9592	0.9151	0.2119
parkinsons	0.7725	0.2275	0.7538	0.5047	0.7219
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8538	0.1462	0.8213	0.6423	0.6016
particle10%	0.8485	0.1515	0.8173	0.6337	0.6123
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.4639	0.5361	0.4634	-0.0722	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.8061	0.6066	0.6295
pediatric-leukemia	0.7353	0.0756	0.7467	0.6803	0.2454
pendigits	0.8954	0.0209	0.9009	0.8837	0.1322
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
persistency	0.7813	0.2187	0.7641	0.4944	0.6231
personalities	0.4843	0.0645	0.4957	0.4500	0.5792
pet-adoption	0.8700	0.1300	0.8571	0.7126	0.5402
phishing	0.9184	0.0816	0.9140	0.8274	0.3787
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.4399	0.1600	0.4718	0.3332	0.3863
phone-acc0.1%	0.4418	0.1595	0.4439	0.3356	0.3856
phone-acc1%	0.4432	0.1591	0.4609	0.3373	0.3861
phone-acc10%	0.4397	0.1601	0.4667	0.3331	0.3863
phone-gyr	0.7199	0.0800	0.7041	0.6716	0.2631
phone-gyr0.1%	0.7121	0.0822	0.6996	0.6625	0.2641
phone-gyr1%	0.7173	0.0808	0.7034	0.6685	0.2587
phone-gyr10%	0.7214	0.0796	0.7036	0.6733	0.2620
phoneme	0.7759	0.2241	0.7350	0.4682	0.7397
phy	0.6782	0.3218	0.6782	0.3564	0.8482
pima	0.7368	0.2632	0.7176	0.4154	0.7389
pirvision	0.9915	0.0057	0.9851	0.9729	0.0436
placement	0.7430	0.2570	0.7419	0.4812	0.7561
plant-growth	0.7895	0.2105	0.7889	0.5778	0.6844
plrx	0.6111	0.3889	0.4834	-0.0328	0.9365
poker	0.4997	0.1001	0.0666	0.0000	0.1726
poker1%	0.5102	0.0980	0.1125	0.0259	0.1949
poker10%	0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9541	0.0459	0.7244	0.4225	0.4959
polish-5th	0.9492	0.0508	0.7642	0.4252	0.2424
polya	0.6984	0.3016	0.6814	0.3612	0.8252
popularity	0.6313	0.2458	0.3572	0.0283	0.3940
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7790	0.0884	0.8097	0.7231	0.2538
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6339	0.2353	0.8249
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.2424	0.0689	0.1281	0.1725	0.2444
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6716	0.3284	0.5630	0.0856	0.7898
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.8951	0.0420	0.8079	0.8592	0.2078
puc-rio10%	0.8890	0.0444	0.8096	0.8514	0.2126
pufs-128	0.5007	0.4993	0.5007	0.0014	0.9991
pufs-1281%	0.4858	0.5142	0.4858	-0.0283	1.0000
pufs-12810%	0.5018	0.4982	0.5018	0.0035	0.9877
pufs-64	0.5039	0.4961	0.5040	0.0076	0.9828
pufs-641%	0.5054	0.4946	0.5054	0.0108	0.9969
pufs-6410%	0.5023	0.4977	0.5023	0.0047	0.9986
pulsar	0.9808	0.0192	0.9407	0.8775	0.1483
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv1	0.5733	0.0243	0.1882	0.5270	0.3058
rcv11%	0.6130	0.0146	0.2648	0.5692	0.3728
rcv110%	0.6934	0.0224	0.3420	0.6625	0.3652
re0-wc	0.5533	0.0687	0.1218	0.2986	0.2735
re1-wc	0.4398	0.0448	0.1507	0.2955	0.2802
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.6120	0.0119	0.0242	0.4286	0.1768
rice	0.9824	0.0176	0.9823	0.9644	0.1108
rnaseq	0.9500	0.0200	0.9430	0.9336	0.0599
rocket	0.5762	0.4238	0.5192	0.0302	0.9063
RT_IOT2022	0.8349	0.0275	0.1390	0.5804	0.0690
satimage	0.8103	0.0632	0.7854	0.7656	0.2582
satimageF	0.9860	0.0140	0.9637	0.9274	0.1815
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.5714	0.1224	0.4762	0.4878	0.1295
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5882	0.4118	0.5944	0.1765	0.9011
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9295	0.0705	0.5865	0.1280	0.5676
secondary_mushroom	0.6683	0.3317	0.6875	0.3532	0.7948
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.8918	0.0309	0.9074	0.8736	0.1250
segmentation	0.8218	0.1782	0.8172	0.6277	0.6213
segmentO	0.9351	0.0649	0.8622	0.6836	0.1749
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9560	0.0440	0.8819	0.7633	0.4382
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8583	0.1417	0.4619	-0.0151	0.5050
sens-2-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-3-gram	0.8579	0.1421	0.5345	0.0339	0.6032
sens-4-gram	0.8605	0.1395	0.5709	0.0879	0.6168
sens-5-gram	0.8711	0.1289	0.6270	0.1776	0.5710
sens-6-gram	0.8526	0.1474	0.4980	-0.0019	0.6363

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8605	0.1395	0.5591	0.0641	0.5968
sens-8-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sens-9-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sensorless	0.9157	0.0153	0.9175	0.9073	0.0879
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8905	0.1095	0.7800	0.5581	0.5967
shuttle	0.8697	0.0372	0.4032	0.6697	0.3023
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.8824	0.1176	0.8288	0.6561	0.5764
skin10%	0.8742	0.1258	0.8154	0.6298	0.5971
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.2591	0.0180	0.8183
smk_can_187	0.4737	0.5263	0.4655	-0.0674	1.0000
smoking	0.6985	0.3015	0.7535	0.4380	0.6100
soil_pollution	0.1967	0.3213	0.1970	-0.0060	0.8689
solar-flare	0.6691	0.1103	0.4455	0.5675	0.1476
sonar	0.7000	0.3000	0.7041	0.4000	0.7994
soybean	0.7206	0.0294	0.4496	0.6911	0.1164
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9065	0.0935	0.9018	0.8021	0.4082
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7429	0.2571	0.6758	0.3505	0.8017
spectrometer	0.4717	0.0220	0.1974	0.4434	0.1419
splice-EI	0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE	0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles	0.7900	0.2100	0.7824	0.5618	0.6875
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.6584	0.2277	0.5268	0.4595	0.3187
steel-b	0.7949	0.2051	0.6520	0.0380	0.3587
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9692	0.0308	0.9528	0.9056	0.2424
steel-o	0.7436	0.2564	0.7071	0.3462	0.6365
steel-p	0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9128	0.0872	0.7004	0.1752	0.2046
stellar	0.9469	0.0354	0.9378	0.9039	0.1422
stock	0.8542	0.1458	0.7726	0.5415	0.6544
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9600	0.0400	0.9596	0.9192	0.2280
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.6250	0.1500	0.3479	0.3880	0.4297
student-depression	0.7957	0.2043	0.7876	0.5736	0.6748
student-habits	0.3500	0.2600	0.1687	0.0047	0.6565
student-weekend	0.3692	0.2523	0.2602	0.0492	0.5190
student-workday	0.7188	0.1125	0.2655	0.0777	0.2017
studentap	0.6154	0.2564	0.6166	0.4196	0.5261
susy	0.7545	0.2455	0.7520	0.5035	0.7435
susy1%	0.7568	0.2432	0.7543	0.5079	0.7392
susy10%	0.7545	0.2455	0.7519	0.5026	0.7420
swarm_aligned	0.9888	0.0112	0.9869	0.9736	0.0659
swarm_flocking	0.9979	0.0021	0.9979	0.9958	0.0206
swarm_grouped	0.9925	0.0075	0.9920	0.9840	0.0633
tae	0.6667	0.2222	0.7022	0.5000	0.3857
telco-churn	0.8224	0.1776	0.7538	0.4568	0.5541
texture	0.8582	0.0258	0.8749	0.8436	0.1388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.8052	0.1948	0.8141	0.5727	0.4512
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9634	0.0366	0.6029	0.2037	0.5759
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.6737	0.3263	0.6434	0.2861	0.8589
tis	0.8684	0.1316	0.8200	0.6394	0.5804
tis10%	0.8358	0.1642	0.7705	0.5389	0.6557
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.1667	0.3111	0.3600	0.2171
tox_171	0.5294	0.2353	0.4694	0.3733	0.4075
toxicity	0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.8780	0.0271	0.8025	0.8490	0.1071
trec12-wc	0.3871	0.1532	0.2419	0.2400	0.3443
trec21-wc	0.8485	0.0505	0.6878	0.6989	0.2848
trec23-wc	0.6667	0.1111	0.2764	0.5100	0.1670
trec31-wc	0.9247	0.0215	0.7789	0.9006	0.1408
trec41-wc	0.6136	0.0773	0.2537	0.5111	0.1961
trec45-wc	0.4058	0.1188	0.2123	0.2697	0.2849
tuandromd	0.9574	0.0426	0.9371	0.8725	0.3289
turkish	0.7000	0.1500	0.6905	0.6000	0.2946
tvnews	0.8388	0.1612	0.8231	0.6416	0.5848
tvnews1%	0.8538	0.1462	0.8409	0.6793	0.5556
tvnews10%	0.8150	0.1850	0.7968	0.5884	0.6363
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7761	0.0498	0.7860	0.7366	0.1824
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%	0.9303	0.0697	0.9297	0.8509	0.3315
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.6786	0.1607	0.6336	0.5657	0.3332
vehicleVAN	0.7738	0.2262	0.6464	0.2400	0.6976
voice	0.5000	0.5000	0.4375	-0.1250	0.9835
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4141	0.1065	0.4567	0.3556	0.2960
vowelZ	0.8788	0.1212	0.4677	-0.0476	0.7114
vrnormat310k-hg16-17	0.9090	0.0910	0.4762	-0.0002	0.2196
wap-wc	0.5321	0.0468	0.3307	0.4777	0.3271
warpar10p	0.3846	0.1231	0.3077	0.3113	0.2087
warppie10p	0.6667	0.0667	0.6908	0.6288	0.1616
watch-acc	0.6800	0.0914	0.6863	0.6237	0.3231
watch-acc1%	0.6718	0.0938	0.6809	0.6140	0.3292
watch-acc10%	0.6783	0.0919	0.6860	0.6217	0.3233
watch-gyr	0.6599	0.0972	0.6869	0.6008	0.2901
watch-gyr1%	0.6644	0.0959	0.6957	0.6061	0.2855
watch-gyr10%	0.6628	0.0963	0.6906	0.6043	0.2878
water_pollution	0.2433	0.3783	0.2383	-0.0098	0.8628
waveform	0.7160	0.1893	0.7163	0.5739	0.5342
weather-related	0.3558	0.1171	0.1350	0.2113	0.3123
web-phishing	0.8000	0.1333	0.5513	0.6221	0.3391
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.6670	0.1332	0.6862	0.5792	0.4036
white-clover	0.3333	0.3333	0.2344	0.0000	0.1773
wifi-loc	0.9600	0.0200	0.9615	0.9467	0.0636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red	0.5597	0.1468	0.2816	0.2566	0.3317
winequality-white	0.5235	0.1361	0.2217	0.2246	0.4480
winnipeg	0.9576	0.0121	0.8989	0.9463	0.0889
winnipeg10%	0.9583	0.0119	0.9277	0.9472	0.0961
wisc_bc	0.9474	0.0526	0.9443	0.8880	0.2925
yale	0.1875	0.1083	0.1474	0.1333	0.2186
yeast	0.5608	0.0878	0.4019	0.4321	0.3395
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.7688	0.0462	0.7708	0.7416	0.2506

Table 287: Detailed results for EBLR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1799	0.0566	0.0818	0.0878	0.4146
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9809	0.0191	0.5392	0.0284	0.3504
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.7937	0.2063	0.4425	-0.1120	0.6701
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8451	0.1549	0.7742	0.5348	0.6057
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8732	0.1268	0.8706	0.7409	0.5060
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.7191	0.1124	0.3694	0.0636	0.2064
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family	0.9346	0.0327	0.6844	0.8729	0.1581
anuran-genus	0.9485	0.0129	0.8724	0.9142	0.1646
anuran-species	0.9597	0.0081	0.9180	0.9437	0.0708
anxiety	0.1250	0.1944	0.1327	0.0139	0.7915
apple-quality	0.7350	0.2650	0.7360	0.4700	0.7675
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arcene	0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia	0.5778	0.0844	0.1758	0.0747	0.2437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.8261	0.0145	0.3148	0.7960	0.0379
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.3000	0.2333	0.0769	0.0000	0.3345
avila	0.5218	0.0797	0.3629	0.2668	0.3368
babies	0.4274	0.1636	0.1690	0.0951	0.4140
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9032	0.0968	0.8943	0.7845	0.4048
basehock	0.9799	0.0201	0.9799	0.9598	0.1334
bio	0.9972	0.0028	0.9140	0.8196	0.1325
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0013	0.0451	0.0002	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6119	0.1940	0.6045	0.4826	0.4989
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.5455	0.4545	0.5749	0.1270	0.8754
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.5000	0.1429	0.0952	0.0000	0.2906
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9093	0.0907	0.6575	0.0053	0.2088
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4770	0.3487	0.3082	-0.0086	0.5492
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography	0.7981	0.0404	0.7061	0.7551	0.2005
cardiotocography-nsp	0.8920	0.0720	0.7929	0.7057	0.3668
cardiovascular	0.6476	0.3524	0.6484	0.2952	0.8783
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6522	0.5349	0.5249
cas_N6512_cdk_ECFP2	0.7481	0.2519	0.7458	0.4911	0.7532
cas_N6512_rdkit_ATOMPAIR	0.7077	0.2923	0.7061	0.4122	0.8119
cas_N6512_RDkit_AtomPair_FP	0.7209	0.2791	0.7182	0.4344	0.7906
cas_N6512_rdkit_AVALON	0.7696	0.2304	0.7676	0.5334	0.7153
cas_N6512_RDkit_Avalon_FP	0.7761	0.2239	0.7742	0.5474	0.7060
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.7481	0.2519	0.7458	0.4906	0.7524
cas_N6512_RDkit_Featmorgan_FP	0.7822	0.2178	0.7806	0.5610	0.6977
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.5484	0.4516	0.5937	0.0220	0.5463
cas_N6512_RDkit_MACCS_FP	0.5521	0.4479	0.5923	0.0331	0.5654

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.7631	0.2369	0.7610	0.5211	0.7281
cas_N6512_RDkit_morgan_FP	0.7561	0.2439	0.7541	0.5074	0.7402
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.6974	0.3026	0.6945	0.3878	0.8238
cas_N6512_rdkit_TORSION	0.5415	0.4585	0.5239	0.0122	0.6750
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9462	0.0538	0.6530	0.3054	0.6120
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9483	0.0517	0.4867	-0.0056	0.3691
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.4627	0.2686	0.2911	0.1076	0.3337
chrom19	0.9992	0.0008	0.7201	0.3043	0.1578
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.7946	0.5878	0.4445
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.2800	0.0144	0.2033	0.2727	0.1575
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	0.4250	0.1917	0.3268	0.2899	0.3816
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7630	0.1185	0.4473	0.6068	0.2665
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4898	0.3401	0.4676	0.2049	0.7563
cnae-9	0.8519	0.0329	0.8521	0.8333	0.1123
codon_usage	0.7951	0.0373	0.5227	0.7479	0.2342
coil20	0.0972	0.0903	0.0233	0.0511	0.3637
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	0.3800	0.0827	0.2235	0.3056	0.2589
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6207	0.3793	0.6107	0.2162	0.8800
colposcopies-2	0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3	0.7586	0.2414	0.7549	0.5085	0.7375
colposcopies-4	0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7716	0.2284	0.7717	0.5433	0.7148
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.5233	0.1362	0.1993	0.1346	0.3480
covtype	0.4876	0.1464	0.1357	0.0001	0.2417

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9994	0.0006	0.9058	0.8043	0.1705
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8793	0.0402	0.6512	0.7411	0.2840
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.2188	0.0391	0.1540	0.1976	0.1136
customer-churn	0.9792	0.0208	0.5861	0.0352	0.2111
cybersecurity	0.1800	0.2733	0.1834	0.0163	0.8543
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1038	0.1792	0.1045	0.0039	0.8898
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8133	0.1867	0.6829	0.2938	0.6010
defect	0.8858	0.1142	0.7564	0.4416	0.4305
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.7568	0.0811	0.6084	0.6984	0.0853
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.6500	0.3500	0.6521	0.3000	0.8689
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.8521	0.1479	0.7531	0.4922	0.6210
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5833	0.4167	0.5714	0.1429	0.9438
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.9760	0.0240	0.9743	0.9486	0.1589
dropout	0.7765	0.1490	0.6980	0.6200	0.4380
drug-01	0.4043	0.1702	0.1586	0.0514	0.5197
drug-02	0.5213	0.1368	0.2428	0.1654	0.5590
drug-03	0.6862	0.0897	0.1379	0.0578	0.2999
drug-04	0.5000	0.1429	0.1917	0.1173	0.5522
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.2337	0.2542	0.4715
drug-07	0.4468	0.1581	0.1729	0.0324	0.2558
drug-08	0.5532	0.1277	0.2497	0.1842	0.4133
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.2244	0.1562	0.4133
drug-11	0.8511	0.0426	0.1317	0.0277	0.1222
drug-12	0.7872	0.0608	0.1258	-0.0056	0.2801

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-13	0.6170	0.1094	0.1718	0.2228	0.3713
drug-14	0.5904	0.1170	0.2618	0.2594	0.4128
drug-15	0.7447	0.0729	0.1231	0.0221	0.2863
drug-16	0.5904	0.1170	0.2593	0.3030	0.3936
drug-17	0.3723	0.1793	0.1784	0.1229	0.4865
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7553	0.0699	0.1233	-0.0042	0.2725
drybean	0.9243	0.0216	0.9366	0.9084	0.1241
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2200	0.3900	0.1703	-0.0375	0.7035
eeg	0.3657	0.0793	0.3907	0.2939	0.6046
eeg-eye	0.5948	0.4052	0.5822	0.1568	0.9199
eeg10%	0.3486	0.0814	0.3803	0.2764	0.5811
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.8957	0.1043	0.8968	0.7916	0.4362
exon.vs.intron-freq10%	0.8894	0.1106	0.8900	0.7788	0.4582
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc	0.5772	0.0497	0.4787	0.5067	0.3072
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9608	0.0392	0.9604	0.9208	0.2238
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3000	0.2000	0.0659	0.0000	0.3486
fonts10%	0.3807	0.0081	0.0911	0.3293	0.4296
forest	0.9231	0.0385	0.9071	0.8932	0.0993
gas	0.9590	0.0137	0.9563	0.9503	0.0760
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6000	0.2667	0.3800	0.1424	0.5617
gene	0.9211	0.0526	0.9100	0.8738	0.2162
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.3416	0.3292	0.3468	0.1222	0.7912
gina	0.8703	0.1297	0.8705	0.7403	0.5091
gisette	0.9600	0.0400	0.9600	0.9200	0.2256
glass	0.6190	0.1270	0.6457	0.4528	0.2722
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8427	0.6816	0.5635
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.4444	0.1852	0.3455	0.3571	0.1587
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.5352	0.0775	0.4698	0.4571	0.2798
har	0.6794	0.1282	0.6702	0.5920	0.4631
har70	0.7615	0.0682	0.4161	0.6146	0.1839

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har701%	0.7655	0.0670	0.4287	0.6210	0.1739
har7010%	0.7622	0.0679	0.4180	0.6161	0.1842
harth	0.6583	0.0570	0.2286	0.5056	0.2288
harth1%	0.6581	0.0570	0.2279	0.5061	0.2257
harth10%	0.6573	0.0571	0.2294	0.5044	0.2303
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure	0.8400	0.1600	0.8119	0.6234	0.6155
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8369	0.1631	0.8369	0.6737	0.5899
hepmass10%	0.8354	0.1646	0.8354	0.6708	0.5930
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6545	0.3455	0.6518	0.3016	0.8726
higgs1%	0.6333	0.3667	0.6298	0.2555	0.8903
higgs10%	0.6353	0.3647	0.6323	0.2609	0.8888
higher	0.1429	0.2143	0.0500	0.0000	0.3604
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa	0.9309	0.0691	0.8763	0.7524	0.4459
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.5825	0.2784	0.5843	0.3729	0.6527
ht-sensor10%	0.5621	0.2919	0.5634	0.3430	0.6722
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9420	0.0290	0.9425	0.9227	0.1162
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.8667	0.0889	0.8500	0.7973	0.2122
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8010	0.0153	0.8281	0.7931	0.1338
jm1	0.8118	0.1882	0.6107	0.1157	0.5659
jvowels	0.9367	0.0141	0.9327	0.9283	0.0977
kc1	0.7536	0.2464	0.6049	0.2037	0.7586
kc1-class-level-defectiveornot	0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect	0.4286	0.0476	0.0294	0.0744	0.2009
kc1-class-level-top5percentDF	0.6000	0.4000	0.6617	0.1509	0.3113
kc2	0.8077	0.1923	0.6751	0.3350	0.7254
kddcup981%	0.9263	0.0737	0.4809	-0.0310	0.6583
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9929	0.0011	0.7393	0.9880	0.0165
kddcup9910%	0.9934	0.0007	0.6132	0.9888	0.0359
kepler	0.8546	0.0969	0.8035	0.7600	0.2336
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2717	0.0809	0.1768	0.1640	0.5105
krvskp	0.9655	0.0345	0.9656	0.9309	0.2014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
la1s-wc	0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	0.6667	0.3333	0.4000	0.0000	0.4644
leaf	0.7941	0.0103	0.4833	0.7844	0.0305
led24	0.6500	0.0700	0.5495	0.5989	0.1518
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7075	0.0225	0.7053	0.6957	0.2762
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8333	0.0222	0.8692	0.8212	0.0799
linkage	0.9999	0.0001	0.9905	0.9809	0.0364
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9110	0.0890	0.9047	0.8087	0.4035
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8113	0.0377	0.4055	0.7445	0.1579
lung	0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5846	0.4154	0.5861	0.1692	0.9325
magic04	0.7775	0.2225	0.7473	0.4867	0.7104
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8430	0.6859	0.5749
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6337	0.2442	0.6448	0.4325	0.5013
math	0.5000	0.2500	0.2727	0.1416	0.3257
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.3333	0.3333	0.3256	0.1111	0.3774
mental-health	0.2133	0.3147	0.2239	0.0180	0.7882
messidor	0.6174	0.3826	0.6267	0.2459	0.8840
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.8333	0.0833	0.8329	0.7672	0.1538
mfeat-fac	0.9050	0.0190	0.9191	0.8944	0.0815
mfeat-fou	0.8250	0.0350	0.8303	0.8056	0.1513
mfeat-kar	0.9550	0.0090	0.9557	0.9500	0.0563
mfeat-mor	0.7500	0.0500	0.7545	0.7222	0.2020
mfeat-pix	0.5200	0.0960	0.5944	0.4667	0.2634
mfeat-zer	0.8200	0.0360	0.8222	0.8000	0.0998
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8868	0.0755	0.8903	0.8293	0.2463
mines	0.5294	0.1882	0.4915	0.4081	0.4161
mobile	0.6993	0.0107	0.7289	0.6938	0.1373
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4728	0.0959	0.4272	0.3539	0.5175
musk	0.7182	0.2818	0.6199	0.2166	0.7134
MUT_ci300400a_cdk_ECFP2	0.7842	0.2158	0.7769	0.5401	0.6610
MUT_ci300400a_cdk_ECFP4	0.5940	0.4060	0.6235	0.0300	0.5044
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.7158	0.2842	0.7064	0.4125	0.8057
MUT_ci300400a_cdk_EXTENDED	0.6295	0.3705	0.6276	0.1379	0.6406
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5839	0.4161	0.6140	0.0033	0.5068
MUT_ci300400a_cdk_MACCS	0.5851	0.4149	0.6152	0.0067	0.5065
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5844	0.4156	0.6141	0.0034	0.5066
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9577	0.0423	0.9578	0.9154	0.2328
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.8642	0.0143	0.2041	0.5749	0.2200
ncRNA1%	0.8666	0.0140	0.1954	0.5769	0.1944
ncRNA10%	0.8635	0.0144	0.1970	0.5714	0.2161
neo	0.9027	0.0973	0.6073	0.1088	0.4676
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6340	0.3660	0.6315	0.2627	0.8974
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.3416	0.0137	0.4489
nursery	0.8356	0.0822	0.7721	0.7586	0.2916
obesity	0.4265	0.1638	0.4468	0.3320	0.3734
obs	0.7870	0.1065	0.8429	0.6871	0.2511
occupancy	0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation	0.9911	0.0044	0.9707	0.9730	0.0307
oh0-wc	0.8119	0.0376	0.7852	0.7835	0.1638
oh10-wc	0.6762	0.0648	0.6464	0.6265	0.2557
oh15-wc	0.7174	0.0565	0.6772	0.6785	0.2559
oh5-wc	0.7363	0.0527	0.6993	0.6981	0.1857
olive	0.9298	0.0156	0.8974	0.9129	0.0464
opn310k	0.9093	0.0907	0.6572	0.0038	0.2089
opn310k10%	0.9123	0.0877	0.6612	0.0194	0.2041
opnat310k-hg16-17	0.9092	0.0908	0.6572	0.0038	0.2090
optdigits	0.8185	0.0363	0.8287	0.7983	0.1869
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.8750	0.0063	0.8584	0.8718	0.0282
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9684	0.0316	0.7102	0.1943	0.0960
ozone8hr	0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9616	0.0154	0.6885	0.7581	0.1262
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8508	0.1492	0.8061	0.6018	0.5717
particle10%	0.8546	0.1454	0.8116	0.6146	0.5668

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.4794	0.5206	0.4730	-0.0538	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8158	0.1842	0.7634	0.5254	0.6906
pediatric-leukemia	0.1765	0.2353	0.1413	0.0286	0.4717
pendigits	0.9327	0.0135	0.9321	0.9251	0.1005
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.9143	0.0107	0.9144	0.9086	0.1343
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%	0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.5548	0.4452	0.5981	0.1055	0.6966
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9817	0.0122	0.9638	0.9419	0.1011
placement	0.7730	0.2270	0.7734	0.5429	0.7051
plant-growth	0.7368	0.2632	0.7389	0.4751	0.7624
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4998	0.1250	0.1087	0.0020	0.2086
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9505	0.0495	0.5511	0.0302	0.3606
polish-4th	0.9469	0.0531	0.5978	0.0332	0.2464
polish-5th	0.9255	0.0745	0.5611	0.0644	0.5071
polya	0.7438	0.2562	0.7380	0.4691	0.7493
popularity	0.6535	0.2310	0.4163	0.2421	0.4841
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8123	0.0751	0.8121	0.7653	0.2909
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6373	0.2647	0.8720
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.4848	0.0468	0.2393	0.4211	0.1858
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8243	0.0703	0.7550	0.7609	0.2496
puc-rio10%	0.8202	0.0719	0.7407	0.7549	0.2564
pufs-1281%	0.5068	0.4932	0.5068	0.0137	0.9960
pufs-12810%	0.4996	0.5003	0.4996	-0.0007	1.0000
pufs-641%	0.4988	0.5012	0.4988	-0.0025	1.0000
pufs-6410%	0.5031	0.4969	0.5031	0.0062	0.9983
pulsar	0.9800	0.0200	0.9381	0.8718	0.1509
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc	0.8400	0.0246	0.8327	0.7934	0.2130

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
re1-wc	0.7952	0.0164	0.6170	0.7658	0.1728
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9846	0.0154	0.9845	0.9689	0.1025
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.8112	0.0315	0.3522	0.5352	0.0809
satimage	0.7465	0.0845	0.5845	0.6776	0.1957
satimageF	0.9860	0.0140	0.9634	0.9265	0.1603
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8910	0.1090	0.5662	0.1322	0.6664
secondary_mushroom	0.8361	0.1639	0.8352	0.6697	0.5928
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9496	0.9342	0.0670
segmentation	0.7178	0.2822	0.7246	0.4324	0.7523
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.6978	0.0549	0.6994	0.6676	0.2810
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.9133	0.0248	0.4747	0.7327	0.3059
sick	0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9199	0.0801	0.8798	0.7595	0.4634
skin10%	0.9163	0.0837	0.8730	0.7459	0.4723
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1400	0.4300	0.1448	-0.1364	0.8577
smk_can_187	0.7368	0.2632	0.7360	0.4693	0.7643
smoking	0.6960	0.3040	0.7146	0.4042	0.7515
soil_pollution	0.2000	0.3200	0.1966	-0.0008	0.8650
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.3529	0.0681	0.1982	0.2570	0.2661
spam-detection	0.9430	0.0570	0.8116	0.6135	0.4592
spambase	0.9130	0.0870	0.9088	0.8154	0.3806
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer	0.3269	0.0499	0.2596	0.2792	0.2477
splice-EI	0.9558	0.0442	0.9434	0.8858	0.3029
splice-IE	0.9117	0.0883	0.8757	0.7509	0.4580
sport-articles	0.7800	0.2200	0.7824	0.5530	0.6767
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5785	0.2810	0.4981	0.1828	0.4403
steel-b	0.8205	0.1795	0.6964	0.3757	0.6953
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9767	0.9533	0.1586
steel-o	0.7385	0.2615	0.6951	0.3560	0.7255
steel-p	0.9333	0.0667	0.7373	0.4474	0.5093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957
stellar	0.9350	0.0433	0.9269	0.8830	0.1991
stock	0.9167	0.0833	0.8498	0.6905	0.4335
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.7980	0.2020	0.7954	0.5907	0.6703
stress	0.9206	0.0317	0.9248	0.9007	0.0846
student-lifestyle	0.6250	0.1500	0.3719	0.3646	0.3318
student-depression	0.8258	0.1742	0.8191	0.6360	0.6121
student-habits	0.3300	0.2680	0.1949	0.0062	0.7751
student-weekend	0.4000	0.2400	0.1972	0.1530	0.5643
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3077	0.4615	0.2230	-0.1250	0.6405
susy	0.7203	0.2797	0.7171	0.4308	0.7884
susy1%	0.7240	0.2760	0.7210	0.4372	0.7795
susy10%	0.7176	0.2824	0.7143	0.4251	0.7919
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9047	0.0953	0.9062	0.8093	0.4010
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.9418	0.0106	0.9461	0.9359	0.0629
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.6773	0.3227	0.4038	0.0000	0.4575
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.8235	0.0882	0.8709	0.7671	0.1047
toxicity	0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.4878	0.1138	0.1448	0.3045	0.2749
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.6667	0.1111	0.6119	0.5449	0.2812
trec31-wc	0.8172	0.0609	0.7002	0.7544	0.1523
trec41-wc	0.3182	0.1364	0.1673	0.1877	0.3565
trec45-wc	0.3043	0.1391	0.1880	0.1798	0.3891
tuandromd	0.9753	0.0247	0.9613	0.9225	0.1889
turkish	0.7750	0.1125	0.7859	0.7000	0.2826
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8060	0.0431	0.8222	0.7736	0.1753
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7500	0.1250	0.6926	0.6610	0.1860
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.4949	0.0918	0.5012	0.4444	0.2481
vowelZ	0.9798	0.0202	0.9473	0.8889	0.3322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vrnormat310k-hg16-17	0.9217	0.0783	0.7051	0.3546	0.4949
wap-wc	0.0256	0.0974	0.0025	0.0000	0.3747
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8520	0.0987	0.8521	0.7780	0.3485
weather-related	0.5942	0.0738	0.6305	0.5211	0.3315
web-phishing	0.8222	0.1185	0.6635	0.6687	0.3896
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.6667	0.1667	0.3125	0.2500	0.3385
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9731	0.0269	0.8382	0.6534	0.2957
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5660	0.1447	0.2080	0.2650	0.3614
winequality-white	0.5174	0.1609	0.3097	0.2101	0.4196
winnipeg	0.9831	0.0048	0.9769	0.9786	0.0458
winnipeg10%	0.9825	0.0050	0.9861	0.9779	0.0333
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.6797	0.7300	0.0644
yeast	0.4730	0.1054	0.2955	0.3187	0.4085
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9280	0.0144	0.9213	0.9192	0.1023

Table 288: Detailed results for EFGBTSVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0916	0.0865	0.0550	0.0326	0.6365
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.3500	0.6500	0.3492	-0.3000	1.0000
ads	0.5488	0.4512	0.6526	0.1835	0.4786
adult	0.8270	0.1730	0.7445	0.4824	0.6736
advanced-iot	0.8880	0.0373	0.9008	0.8656	0.0805
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.6979	0.2188	0.4125
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8498	0.1502	0.5583	0.0132	0.3854
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.7163	0.2837	0.6876	0.2522	0.5585
anneal	0.7753	0.0899	0.3509	0.3268	0.1771
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.4019	0.2990	0.5068	0.1920	0.5124
anuran-genus	0.5869	0.1033	0.2374	0.2494	0.6932
anuran-species	0.3833	0.1233	0.2104	0.2502	0.4729
anxiety	0.1083	0.1981	0.1086	-0.0030	0.8142
apple-quality	0.7725	0.2275	0.7731	0.5450	0.7101
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.5500	0.4500	0.5616	0.1176	0.9262
arrhythmia	0.5778	0.0844	0.1391	0.0717	0.2527

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.3636	0.1157	0.1515	0.2103	0.2877
audit-risk	0.9359	0.0641	0.9386	0.8697	0.2794
autism-adolescent	0.7273	0.2727	0.7203	0.2979	0.4416
autism-adult	0.7571	0.2429	0.6531	0.2788	0.7566
autism-child	0.5862	0.4138	0.6742	0.1944	0.5211
autos	0.5000	0.2000	0.4444	0.3355	0.4405
avila	0.4729	0.0878	0.1442	0.1864	0.4024
babies	0.4597	0.1544	0.1547	0.1577	0.5276
balance	0.9194	0.0538	0.6345	0.8480	0.1272
bank	0.9053	0.0947	0.7089	0.3570	0.5007
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.8894	0.1106	0.8908	0.7790	0.4494
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8000	0.2000	0.7837	0.5612	0.6606
biomed	0.6667	0.3333	0.6689	0.1503	0.4745
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5851	0.2075	0.5954	0.4468	0.5316
brain-tumor	0.4965	0.5035	0.4963	-0.0073	1.0000
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.3636	0.2121	0.3145	0.2300	0.3211
bridges	0.5000	0.1667	0.3280	0.3243	0.3140
bub10at310k-hg16-17	0.9091	0.0909	0.5856	0.0034	0.2275
bub12at310k-hg16-17	0.9092	0.0908	0.6025	0.0053	0.2274
bub8at310k-hg16-17	0.9090	0.0910	0.5675	0.0030	0.2335
cad	0.7000	0.3000	0.7044	0.3836	0.7499
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9710	0.0290	0.9696	0.9373	0.1858
cancer-uae	0.4780	0.3480	0.3023	-0.0156	0.5017
car	0.7184	0.1408	0.3877	0.4761	0.2717
car-insurance	0.8190	0.1810	0.7857	0.5705	0.6598
card	0.7101	0.2899	0.7336	0.3429	0.4644
cardiotocography	0.4366	0.1127	0.2854	0.3450	0.5767
cardiotocography-nsp	0.4413	0.3725	0.5658	0.1239	0.3427
cargo2k	0.9416	0.0389	0.9426	0.9122	0.1393
cars	0.6500	0.2333	0.5180	0.3212	0.5495
cas_N6512_cdk_ECFP2	0.6759	0.3241	0.6721	0.3419	0.8484
cas_N6512_rdkit_ATOMPAIR	0.6677	0.3323	0.6638	0.3250	0.8574
cas_N6512_RDkit_AtomPair_FP	0.6702	0.3298	0.6675	0.3236	0.8348
cas_N6512_rdkit_AVALON	0.6851	0.3149	0.6831	0.3662	0.8409
cas_N6512_RDkit_Avalon_FP	0.7623	0.2377	0.7635	0.5250	0.7249
cas_N6512_rdkit_descriptors	0.6954	0.3046	0.6986	0.3935	0.8160
cas_N6512_rdkit_FEATMORGAN	0.7081	0.2919	0.7058	0.4037	0.7942
cas_N6512_RDkit_Featmorgan_FP	0.7316	0.2684	0.7291	0.4568	0.7763
cas_N6512_RDkit_FP	0.6902	0.3098	0.6869	0.3713	0.8307
cas_N6512_rdkit_LAYERED	0.7246	0.2754	0.7221	0.4432	0.7874
cas_N6512_RDkit_Layered_FP	0.7132	0.2868	0.7120	0.4239	0.8040
cas_N6512_rdkit_MACCS	0.7112	0.2888	0.7084	0.4160	0.8064
cas_N6512_RDkit_MACCS_FP	0.7193	0.2807	0.7213	0.4400	0.7877
cas_N6512_rdkit_MORGAN	0.7292	0.2708	0.7274	0.4481	0.7670
cas_N6512_RDkit_morgan_FP	0.7224	0.2776	0.7198	0.4384	0.7902

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7354	0.2646	0.7342	0.4684	0.7729
cas_N6512_RDkit_pattern_FP	0.7025	0.2975	0.7015	0.4028	0.8178
cas_N6512_rdkit_RDKITFP	0.7035	0.2965	0.7006	0.3996	0.8148
cas_N6512_rdkit_TORSION	0.6138	0.3862	0.6083	0.2020	0.8843
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8440	0.1040	0.3979	0.0776	0.2660
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7513	0.2487	0.7294	0.4587	0.7647
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.7846	0.1077	0.5888	0.6758	0.2724
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6419	0.1271	0.4781
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6316	0.3684	0.6300	0.0343	0.4868
circles	0.0170	0.0197	0.0028	0.0071	0.2809
cirrhosis	0.5714	0.2857	0.4479	0.2814	0.4823
cjs	0.5964	0.1345	0.6303	0.4949	0.3541
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.2481	0.3759	0.1187	-0.2498	0.5301
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.4386	0.3023	0.4702
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4286	0.3810	0.3155	0.0494	0.7065
cnae-9	0.5093	0.1091	0.5580	0.4479	0.4085
codon_usage	0.3699	0.1146	0.2339	0.2446	0.5473
coil20	0.0417	0.0958	0.0102	-0.0095	0.4451
college	0.4935	0.5065	0.6220	0.1605	0.6449
collins	0.2800	0.0960	0.1073	0.1866	0.3101
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.5862	0.4138	0.3696	-0.0675	0.7923
colposcopies-3	0.6207	0.3793	0.6471	0.0963	0.4968
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5517	0.4483	0.6311	0.0737	0.5218
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.5484	0.3011	0.5828	0.3493	0.4621
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7043	0.2957	0.7139	0.4102	0.7681
coupon	0.6798	0.3202	0.6684	0.3308	0.8410
covtype10%	0.6559	0.0983	0.2019	0.3813	0.2806

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.8574	0.1426	0.7647	0.5090	0.6392
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.1346	0.2885	0.2175	0.0249	0.2824
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.0312	0.0605	0.0312	0.0000	0.2244
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.1808	0.0086	0.8277
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
darwin	0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.8571	0.1429	0.8750	0.7200	0.4011
default	0.7827	0.2173	0.5970	0.0509	0.4911
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.9600	0.0400	0.9613	0.9196	0.1761
deposit	0.8905	0.1095	0.6868	0.3529	0.6245
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8378	0.0541	0.7195	0.7952	0.1435
desharnais	0.3750	0.4167	0.4138	0.1111	0.3538
dexter	0.4500	0.5500	0.4441	-0.1000	1.0000
df_final	0.5000	0.3333	0.5622	0.2099	0.5068
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8269	0.1731	0.8286	0.6007	0.3723
diabetes-risk	0.8474	0.1526	0.7688	0.5377	0.6598
diabetic	0.5638	0.2908	0.3757	0.1332	0.5642
diabetic1%	0.5294	0.3137	0.3206	0.0101	0.4959
diabetic10%	0.5452	0.3032	0.3464	0.0361	0.4786
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.7500	0.1250	0.7043	0.6552	0.2720
diamonds_all	0.5734	0.1706	0.3923	0.3840	0.4973
dishonest	0.9062	0.0938	0.9076	0.7983	0.3833
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5417	0.4583	0.5078	0.0149	0.9759
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dota2	0.6021	0.3979	0.5988	0.1954	0.9235
dota210%	0.5709	0.4291	0.5668	0.1320	0.9501
drebin	0.9426	0.0574	0.9396	0.8752	0.2478
dropout	0.5530	0.2980	0.4546	0.1425	0.4518
drug-01	0.3670	0.1809	0.1791	0.0611	0.5986
drug-02	0.5266	0.1353	0.1660	0.0471	0.3002
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5266	0.1353	0.1680	0.0508	0.3923
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2926	0.2021	0.1719	0.1494	0.5274
drug-07	0.4574	0.1809	0.1658	0.0771	0.3808
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5266	0.1353	0.0999	0.0068	0.3989
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5585	0.1261	0.1230	0.0598	0.4665
drug-14	0.5479	0.1292	0.1334	0.0690	0.4435

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5266	0.1578	0.2330	0.0438	0.3878
drug-17	0.2181	0.2234	0.0859	-0.0104	0.5172
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.4923	0.1451	0.6159	0.4024	0.3787
ecoli	0.2353	0.2549	0.1533	0.0924	0.3652
ecoliCP-IM	0.8182	0.1818	0.8451	0.6452	0.4644
ecoliM	0.8182	0.1818	0.8012	0.5769	0.6201
ecoliMU	0.8182	0.1818	0.7660	0.4211	0.5000
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.3200	0.3400	0.3141	0.0887	0.7364
eeg	0.1930	0.1009	0.1142	0.0984	0.8062
eeg-eye	0.6615	0.3385	0.6546	0.3057	0.8642
eeg10%	0.0440	0.1195	0.0715	0.0102	0.7143
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
euthyroid	0.9399	0.0601	0.8060	0.5821	0.3891
exon.vs.intron-freq	0.8769	0.1231	0.8801	0.7510	0.4490
exon.vs.intron-freq10%	0.8786	0.1214	0.8804	0.7548	0.4602
fakenews	0.5025	0.4975	0.5025	0.0050	0.9986
fbis-wc	0.3699	0.0741	0.1901	0.3024	0.6512
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8431	0.1569	0.8484	0.6757	0.4883
financial-risk	0.7015	0.0995	0.3969	0.4781	0.2799
fishcatch	0.3125	0.2292	0.2818	0.1814	0.3599
flags	0.4000	0.1714	0.2213	0.2523	0.3473
fonts10%	0.0647	0.0122	0.0100	0.0398	1.0000
forest	0.2115	0.3942	0.3936	0.0738	0.3973
gas	0.8893	0.0369	0.8885	0.8662	0.2093
gastrointestinal	0.4375	0.3750	0.4066	0.0336	0.6951
gender	0.5874	0.2751	0.4561	0.0313	0.4392
gene	0.3123	0.4585	0.4848	0.0820	0.5179
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.4974	0.2513	0.4996	0.3303	0.6522
gina	0.6916	0.3084	0.7347	0.3757	0.5660
gisette	0.9486	0.0514	0.9486	0.8971	0.2711
glass	0.5238	0.1587	0.3384	0.3731	0.3254
glass-g2	0.6875	0.3125	0.6789	0.3548	0.8301
glassBWFP	0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.6667	0.3333	0.6823	0.3163	0.7049
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8571	0.1429	0.8547	0.7085	0.5490
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.2667	0.3667	0.3254	-0.0185	0.5156
gsalc	0.6667	0.1111	0.6222	0.6029	0.0856
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.4474	0.0921	0.2804	0.3401	0.4218
har	0.5438	0.1825	0.5795	0.4324	0.5160
har701%	0.2770	0.2066	0.2324	0.0883	0.4303
har7010%	0.3626	0.1821	0.2848	0.2093	0.4075
harth1%	0.6327	0.0612	0.2042	0.4867	0.2732
harth10%	0.4135	0.0978	0.1476	0.2492	0.3619

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hayes-roth	0.2500	0.5000	0.1816	-0.2387	0.6504
hcc-survival	0.6471	0.3529	0.6223	0.2031	0.8037
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack	0.6774	0.3226	0.7187	0.3049	0.4858
heart-c	0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure	0.8480	0.1520	0.8182	0.6124	0.5097
heart-quantum	0.7400	0.2600	0.7520	0.3925	0.4433
hepatitis	0.6000	0.4000	0.6019	0.1667	0.7161
hepmass1%	0.8360	0.1640	0.8364	0.6718	0.5883
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.6718	0.3282	0.6697	0.3388	0.8559
higgs1%	0.6411	0.3589	0.6380	0.2738	0.8868
higher	0.0714	0.2321	0.0250	-0.0111	0.3976
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa	0.8331	0.1669	0.6552	0.0324	0.3155
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.5531	0.2979	0.5634	0.3228	0.6745
ht-sensor10%	0.5701	0.2866	0.5852	0.3444	0.6398
htru2	0.7732	0.2268	0.7004	0.3065	0.5329
hypothyroid	0.9072	0.0464	0.2378	-0.0043	0.1729
hypothyroidT	0.9178	0.0822	0.6219	0.2083	0.6001
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.7647	0.1177	0.7758	0.6862	0.3566
ionosphere	0.8000	0.2000	0.7561	0.4708	0.5962
iris	0.7333	0.1778	0.5636	0.5775	0.2352
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.0321	0.0745	0.0295	-0.0067	0.6700
jm1	0.8062	0.1938	0.5936	0.1133	0.6339
jvowels	0.2932	0.1571	0.4176	0.2145	0.4356
kc1	0.8389	0.1611	0.5467	0.0303	0.5295
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.5385	0.1846	0.2500	0.1522	0.4236
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7500	0.2500	0.6851	0.3574	0.7500
kddcup99	0.9184	0.0082	0.1575	0.8606	0.1849
kddcup991%	0.9702	0.0046	0.2249	0.9494	0.1004
kddcup9910%	0.9437	0.0059	0.1479	0.9040	0.1373
kepler	0.5711	0.2859	0.5080	0.1262	0.3914
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.7500	0.2500	0.7500	0.3846	0.4308
krkopt	0.2057	0.0883	0.0810	0.0932	0.5869
krvskp	0.9310	0.0690	0.9319	0.8622	0.3254
la1s-wc	0.5365	0.1545	0.4738	0.4231	0.6214
la2s-wc	0.5033	0.1656	0.4512	0.3803	0.6623
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.0294	0.0844	0.0097	-0.0117	0.2749
led24	0.3000	0.1556	0.1616	0.1860	0.3387
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.0765	0.0710	0.0736	0.0401	0.6377
leukemia	0.5714	0.2857	0.5000	0.2759	0.3404
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
libra	0.0833	0.1222	0.0941	0.0149	0.4163
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.6471	0.3529	0.3929	-0.0570	0.7599
loan	0.9110	0.0890	0.9055	0.8110	0.4138
lrs	0.4717	0.1509	0.4026	0.3445	0.3545
lung	0.9048	0.0381	0.7509	0.8182	0.1611
lung_discrete	0.5000	0.2000	0.4318	0.3600	0.2297
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.8889	0.1111	0.7805	0.4545	0.2500
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.6429	0.2381	0.4506	0.3333	0.4411
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.4362	0.5638	0.5998	0.0304	0.5282
madelon	0.5462	0.4538	0.5468	0.0923	0.9649
magic04	0.8296	0.1704	0.8091	0.5994	0.5626
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8430	0.6859	0.5749
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.5644	0.2904	0.5721	0.3328	0.6075
math	0.5000	0.2500	0.2811	0.1761	0.5105
mba	0.8371	0.1086	0.3783	0.0368	0.2629
mental-disorders	0.5833	0.2083	0.5617	0.4444	0.3306
mental-health	0.2433	0.3027	0.2523	0.0500	0.7959
messidor	0.6174	0.3826	0.6007	0.1678	0.8384
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	0.6667	0.2222	0.7222	0.4906	0.3568
meter-C	0.5556	0.2222	0.5447	0.4375	0.2607
meter-D	0.7778	0.1111	0.7516	0.7012	0.2156
mfeat-fac	0.6100	0.0780	0.5840	0.5667	0.2881
mfeat-fou	0.2600	0.1480	0.3278	0.1778	0.4922
mfeat-kar	0.3800	0.1240	0.4139	0.3111	0.3996
mfeat-mor	0.3950	0.1210	0.4085	0.3278	0.3024
mfeat-pix	0.6600	0.0680	0.6976	0.6222	0.2898
mfeat-zer	0.3750	0.1250	0.4348	0.3056	0.4508
mice-prot	0.6574	0.0856	0.6726	0.6080	0.3242
milk	0.9906	0.0063	0.9919	0.9855	0.0311
mines	0.4118	0.2353	0.4363	0.2719	0.4180
mobile	0.0210	0.0350	0.0159	0.0033	0.4220
monks-1	0.7455	0.2545	0.7651	0.4941	0.6495
monks-2	0.7213	0.2787	0.6684	0.2950	0.7415
monks-3	0.8929	0.1071	0.8973	0.7865	0.4114
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8315	0.1685	0.8462	0.6589	0.4591
music	0.3289	0.1220	0.1947	0.1874	0.6877
musk	0.8470	0.1530	0.6048	0.1121	0.5476
MUT_ci300400a_cdk_ECFP2	0.7470	0.2530	0.7371	0.4574	0.7220
MUT_ci300400a_cdk_ECFP4	0.6922	0.3078	0.6793	0.3215	0.7590
MUT_ci300400a_cdk_ECFP6	0.7006	0.2994	0.6903	0.3410	0.7402
MUT_ci300400a_cdk_ESTATE	0.6966	0.3034	0.6812	0.3511	0.8115
MUT_ci300400a_cdk_EXTENDED	0.7218	0.2782	0.7101	0.3985	0.7513
MUT_ci300400a_cdk_FCFP2	0.7437	0.2563	0.7333	0.4498	0.7276
MUT_ci300400a_cdk_FCFP4	0.7230	0.2770	0.7127	0.3978	0.7351
MUT_ci300400a_cdk_FCFP6	0.6882	0.3118	0.6740	0.3154	0.7749

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_MACCS	0.7458	0.2542	0.7350	0.4587	0.7380
MUT_ci300400a_cdk_PUBCHEM	0.7593	0.2407	0.7491	0.4904	0.7237
MUT_ci300400a_cdk_STANDARD	0.6814	0.3186	0.6641	0.3078	0.8119
MUT_ci300400a_rdkit_descriptors	0.7581	0.2419	0.7541	0.5079	0.7403
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9240	0.0760	0.9243	0.8479	0.3551
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA	0.2190	0.0822	0.0501	0.0107	0.4507
ncRNA1%	0.7587	0.0254	0.0931	0.3025	0.6238
ncRNA10%	0.8229	0.0186	0.0811	0.4140	0.2368
neo	0.9072	0.0928	0.6435	0.1494	0.4078
new-thyroid	0.7143	0.1905	0.5106	0.4615	0.3214
new-thyroidT	0.2857	0.7143	0.5833	0.0541	0.3467
newspop	0.6486	0.3514	0.6460	0.2913	0.8818
NHANES_age_prediction	0.8634	0.1366	0.7064	0.2135	0.2804
nomao	0.9124	0.0876	0.8900	0.7748	0.3904
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.8673	0.0664	0.6595	0.8032	0.1729
obesity	0.6114	0.1110	0.6507	0.5479	0.3592
obs	0.7685	0.1157	0.7717	0.6512	0.3854
occupancy	0.9820	0.0180	0.9755	0.9503	0.1764
Occupancy_Estimation	0.6091	0.1955	0.3076	0.2277	0.4991
oh0-wc	0.0693	0.1861	0.1023	-0.0031	0.6970
oh10-wc	0.0952	0.1810	0.1271	0.0229	0.6403
oh15-wc	0.1304	0.1739	0.1102	0.0435	0.6332
oh5-wc	0.1099	0.1780	0.1044	0.0348	0.5667
ohscal-wc	0.1685	0.1663	0.2415	0.0977	0.6407
olive	0.4211	0.1287	0.2929	0.3138	0.3709
opn310k	0.9091	0.0909	0.5852	0.0017	0.2194
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9087	0.0913	0.5260	0.0011	0.2422
optdigits	0.6085	0.0783	0.6763	0.5641	0.2923
optdigitsZ	0.9893	0.0107	0.9678	0.9353	0.2008
orl	0.0750	0.0462	0.0536	0.0513	0.1799
orlraws10P	0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8247	0.1753	0.7996	0.5947	0.6265
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8695	0.7315	0.4955
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.1865	0.3254	0.3277	0.0446	0.2984
parkinson	0.8250	0.1750	0.8250	0.6173	0.4981
parkinsons	0.6588	0.3412	0.6274	0.1365	0.6317
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.8613	0.1387	0.8413	0.6765	0.5712
particle10%	0.8608	0.1392	0.8235	0.6455	0.5770
pasture	0.5000	0.3333	0.5000	0.2727	0.3214
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5258	0.4742	0.4350	-0.0850	0.9344
pcos	0.6667	0.3333	0.7359	0.3590	0.5170
pd	0.8289	0.1711	0.7524	0.4348	0.5007
pediatric-leukemia	0.2353	0.2185	0.2322	0.1221	0.5092
pendigits	0.4322	0.1136	0.4820	0.3678	0.4185
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
persistency	0.7464	0.2536	0.7213	0.4343	0.7555
personalities	0.0487	0.1189	0.0499	-0.0148	0.9299
pet-adoption	0.8500	0.1500	0.8326	0.6199	0.3928
phishing	0.6898	0.3102	0.7278	0.4103	0.6982
PhiUSIIL	0.9876	0.0124	0.9874	0.9745	0.0703
PhiUSIIL10%	0.9949	0.0051	0.9948	0.9896	0.0346
phoneme	0.6481	0.3519	0.6347	0.2544	0.8173
pima	0.6974	0.3026	0.6719	0.3150	0.7801
pirvision	0.5905	0.2730	0.5833	0.2270	0.3814
placement	0.7910	0.2090	0.7835	0.5637	0.6781
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5005	0.1427	0.1425	0.0275	0.3047
poker10%	0.5173	0.1207	0.1308	0.0470	0.2461
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.6692	0.3308	0.6428	0.0980	0.5095
popularity	0.6456	0.2362	0.3882	0.1159	0.4445
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.7242	0.1103	0.7403	0.6557	0.3756
pred-tox_mutagen_ref-desc	0.5294	0.4706	0.6233	0.0588	0.5260
prestige	0.7778	0.1481	0.5926	0.6400	0.1389
primary-tumor	0.3030	0.1072	0.1513	0.2356	0.3030
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.8000	0.2000	0.8333	0.6154	0.4644
prostate	0.6429	0.3571	0.6443	0.2857	0.8758
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.5872	0.1651	0.4688	0.4264	0.3697
puc-rio10%	0.6657	0.1337	0.5443	0.5459	0.4130
pufs-1281%	0.5017	0.4983	0.5017	0.0033	0.9989
pufs-641%	0.4842	0.5158	0.4842	-0.0316	1.0000
pulsar	0.7175	0.2825	0.6931	0.2641	0.4786
raisin	0.9111	0.0889	0.9148	0.8222	0.3515
re0-wc	0.3600	0.0985	0.1188	0.1978	0.6721
re1-wc	0.0723	0.0742	0.0779	0.0407	0.7352
relathe	0.8803	0.1197	0.8902	0.7631	0.4021
rice	0.9687	0.0313	0.9684	0.9367	0.1892
rnaseq	0.8500	0.0600	0.8364	0.7991	0.1669
rocket	0.5980	0.4020	0.5463	0.0622	0.8292
RT_IOT2022	0.7752	0.0375	0.0938	0.2912	0.1309
satimage	0.3919	0.2027	0.4187	0.2852	0.3818
satimageF	0.4308	0.5692	0.6265	0.1096	0.3380
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.5714	0.1714	0.4571	0.4167	0.2504
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6397	0.2353	0.7947
sclerosis	0.8889	0.1111	0.8895	0.7769	0.4590
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.8209	0.1791	0.8190	0.6319	0.6043
seeds	0.7143	0.1905	0.7746	0.5714	0.1737
segment	0.3723	0.1793	0.3917	0.2774	0.4514
segmentation	0.8218	0.1782	0.8008	0.5913	0.6084
segmentO	0.9264	0.0736	0.8908	0.7571	0.4644
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9686	0.0314	0.9219	0.8396	0.3864

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sensorless	0.2415	0.1379	0.3426	0.1657	0.4416
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8475	0.1525	0.6000	0.0520	0.4254
shuttle	0.5919	0.1166	0.2223	0.3248	0.3127
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9673	0.0327	0.9494	0.8962	0.1767
skin10%	0.9240	0.0760	0.8813	0.7334	0.2036
smarket	0.8800	0.1200	0.8879	0.7587	0.3930
smart-farming	0.2400	0.3800	0.2064	-0.0270	0.7059
smk_can_187	0.4737	0.5263	0.4655	-0.0674	1.0000
soil_pollution	0.2267	0.3093	0.2332	0.0322	0.8349
solar-flare	0.6978	0.1007	0.5145	0.6060	0.2043
sonar	0.5000	0.5000	0.5000	0.0000	1.0000
soybean	0.4706	0.0557	0.1417	0.3916	0.2317
spam-detection	0.8215	0.1785	0.6119	0.2081	0.6588
spambase	0.8739	0.1261	0.8673	0.7307	0.4902
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.7143	0.2857	0.5889	0.1463	0.8021
spectrometer	0.0385	0.0712	0.0199	-0.0144	0.3789
splice-EI	0.3470	0.6530	0.5893	0.0640	0.4958
splice-IE	0.7697	0.2303	0.6495	0.0402	0.3842
sport-articles	0.7400	0.2600	0.7098	0.4023	0.7491
squash-stored	0.6000	0.2667	0.6667	0.4118	0.3599
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.6612	0.2258	0.6582	0.4841	0.5519
steel-b	0.7846	0.2154	0.5649	0.0678	0.6510
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7692	0.2308	0.7575	0.4658	0.6351
steel-o	0.7641	0.2359	0.7280	0.4343	0.7052
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.8974	0.1026	0.7969	0.5611	0.5878
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.9427	0.0382	0.9443	0.9141	0.1415
streaming	0.8160	0.1840	0.8145	0.6289	0.6354
stress	0.7460	0.1016	0.7671	0.6828	0.1641
student-lifestyle	0.6200	0.1520	0.3682	0.3521	0.3401
student-depression	0.8244	0.1756	0.8176	0.6328	0.6146
student-habits	0.3900	0.2440	0.1745	0.0243	0.4510
student-weekend	0.3538	0.2585	0.1848	0.0084	0.5861
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.3075	0.0545	0.6678
susy1%	0.7994	0.2006	0.7986	0.5911	0.6479
swarm_aligned	0.9446	0.0554	0.9350	0.8697	0.3008
swarm_flocking	0.8177	0.1823	0.8285	0.6353	0.5505
swarm_grouped	0.7102	0.2898	0.7568	0.4541	0.6259
tae	0.1333	0.5778	0.0889	-0.3000	0.7081
telco-churn	0.7884	0.2116	0.7062	0.2888	0.4897
texture	0.4927	0.0922	0.5285	0.4399	0.3153
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7517	0.2483	0.4291	-0.0015	0.4242
tis10%	0.7463	0.2537	0.4274	-0.0147	0.5482
titanic	0.8045	0.1955	0.7774	0.4733	0.4392
tourist	0.5000	0.2000	0.2000	0.2727	0.2292
tox_171	0.7059	0.1471	0.7248	0.6065	0.3081
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.2927	0.1572	0.1592	0.1434	0.4943
trec12-wc	0.3871	0.1532	0.2303	0.1865	0.3079
trec21-wc	0.6364	0.1455	0.1585	-0.0154	0.4790
trec23-wc	0.2857	0.2381	0.1999	0.0816	0.6440
trec31-wc	0.4839	0.1720	0.3758	0.2808	0.4723
trec41-wc	0.3409	0.1318	0.2369	0.1708	0.3339
trec45-wc	0.3623	0.1275	0.1983	0.2374	0.4937
tuandromd	0.7108	0.2892	0.7417	0.3990	0.5847
turkish	0.3750	0.3125	0.3642	0.1667	0.4940
tvnews	0.8327	0.1673	0.8175	0.6167	0.5495
tvnews1%	0.6538	0.3462	0.6157	0.0874	0.5829
tvnews10%	0.7810	0.2190	0.7644	0.4768	0.5741
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.4478	0.1227	0.2551	0.3424	0.3847
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.6905	0.1548	0.6821	0.5857	0.3205
vehicleVAN	0.9167	0.0833	0.8853	0.7586	0.3445
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.6279	0.3721	0.6939	0.2423	0.5085
vowel	0.0606	0.1708	0.0644	-0.0333	0.5099
vowelZ	0.4545	0.5455	0.4309	-0.0645	0.4542
vrnormat310k-hg16-17	0.9062	0.0938	0.5758	0.0663	0.4734
wap-wc	0.2436	0.0756	0.0554	0.0611	0.4144
warpar10p	0.3077	0.1385	0.2882	0.2148	0.2708
warppie10p	0.9048	0.0190	0.9243	0.8939	0.0443
water_pollution	0.2833	0.3583	0.2681	0.0418	0.7636
waveform	0.3420	0.4387	0.2759	0.0046	0.5483
weather-related	0.4923	0.0923	0.1899	0.3828	0.2863
web-phishing	0.6889	0.2074	0.6217	0.3990	0.4225
Weekly	0.8981	0.1019	0.9076	0.7984	0.3374
white-clover	0.5000	0.5000	0.3333	-0.2857	1.0000
wifi-loc	0.7150	0.1425	0.7566	0.6200	0.3211
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.7647	0.1569	0.8073	0.6421	0.3540
winequality-red	0.5597	0.1468	0.2039	0.2502	0.3357
winequality-white	0.5256	0.1581	0.2588	0.2291	0.5186
winnipeg	0.3120	0.1966	0.3175	0.1821	0.4407
winnipeg10%	0.4035	0.1704	0.3668	0.2774	0.4415
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.1250	0.1167	0.0889	0.0628	0.2228
yeast	0.3649	0.1411	0.2239	0.2005	0.6810
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.4118	0.1176	0.4394	0.3490	0.4481

Table 289: Detailed results for EFGBTSVM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1325	0.0826	0.0789	0.0372	0.5150
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.5610	0.4390	0.6310	0.1659	0.5258
adult	0.8243	0.1757	0.7400	0.4730	0.6789
advanced-iot	0.9040	0.0320	0.9071	0.8848	0.0900
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.5714	0.4286	0.3636	-0.2353	0.7045
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.3939	-0.0938	0.8482
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7653	0.2347	0.6535	0.0570	0.3892
air-booking	0.8498	0.1502	0.5782	0.0466	0.4687
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7395	0.2605	0.7162	0.3256	0.5402
anneal	0.8202	0.0719	0.5027	0.5609	0.3290
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.5647	0.2177	0.3872	0.1679	0.4379
anuran-genus	0.7677	0.0581	0.3407	0.5592	0.2651
anuran-species	0.7167	0.0567	0.5054	0.6122	0.3515
anxiety	0.1083	0.1981	0.1379	-0.0041	0.6711
apple-quality	0.7750	0.2250	0.7782	0.5500	0.6903
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.4500	0.5500	0.4384	-0.1224	1.0000
arrhythmia	0.5778	0.0844	0.1360	0.0707	0.2537
auction	0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audit-risk	0.7692	0.2308	0.8124	0.5615	0.4842
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.8000	0.2000	0.7323	0.4586	0.7088
autism-child	0.4828	0.5172	0.3256	0.0000	0.5300
autos	0.4500	0.2200	0.4021	0.2361	0.3030
avila	0.4931	0.0845	0.2684	0.2017	0.3337
babies	0.4435	0.1590	0.1444	0.1121	0.3773
balance	0.8065	0.1290	0.5548	0.6357	0.3292
bank	0.9043	0.0957	0.7161	0.4037	0.5661
banknote	0.8759	0.1241	0.8840	0.7417	0.3333
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.8894	0.1106	0.8895	0.7789	0.4611
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8667	0.1333	0.8573	0.7089	0.5044
biomed	0.7143	0.2857	0.7175	0.2921	0.4528
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5418	0.2291	0.5733	0.3891	0.5271
brain-tumor	0.5085	0.4915	0.5087	0.0173	0.9937
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.5455	0.4545	0.5222	0.0351	0.9096
breast-cancer-ma	0.4545	0.5455	0.4655	-0.0645	0.9927
breast-tissue	0.6364	0.1212	0.5193	0.5464	0.2045
bridges	0.7000	0.1000	0.4247	0.5161	0.1487
bub10at310k-hg16-17	0.9075	0.0925	0.5600	0.0251	0.3691
bub12at310k-hg16-17	0.9071	0.0929	0.5478	0.0192	0.3765
bub8at310k-hg16-17	0.9065	0.0935	0.5542	0.0298	0.4148
cad	0.9000	0.1000	0.9010	0.7826	0.4011
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4600	0.3600	0.2900	-0.0422	0.5433
car	0.6092	0.1954	0.3493	0.3176	0.3024
car-insurance	0.8330	0.1670	0.8000	0.5966	0.6220
card	0.6377	0.3623	0.6676	0.1565	0.4929
cardiotocography	0.3568	0.1286	0.4372	0.2777	0.4295
cardiotocography-nsp	0.4460	0.3693	0.3790	0.0491	0.6228
cargo2k	0.8985	0.0677	0.9002	0.8478	0.2161
cars	0.7000	0.2000	0.6008	0.3379	0.4292
cas_N6512_cdk_ECFP2	0.6590	0.3410	0.6552	0.3094	0.8704
cas_N6512_rdkit_ATOMPAIR	0.6262	0.3738	0.6206	0.2338	0.8909
cas_N6512_RDkit_AtomPair_FP	0.6503	0.3497	0.6458	0.2857	0.8694
cas_N6512_rdkit_AVALON	0.7051	0.2949	0.7020	0.4027	0.8136
cas_N6512_RDkit_Avalon_FP	0.7147	0.2853	0.7119	0.4220	0.7993
cas_N6512_rdkit_descriptors	0.6985	0.3015	0.7020	0.3999	0.8109
cas_N6512_rdkit_FEATMORGAN	0.6728	0.3272	0.6689	0.3350	0.8511
cas_N6512_RDkit_Featmorgan_FP	0.6886	0.3114	0.6890	0.3770	0.8326
cas_N6512_RDkit_FP	0.6672	0.3328	0.6636	0.3258	0.8604
cas_N6512_rdkit_LAYERED	0.7108	0.2892	0.7093	0.4186	0.8076
cas_N6512_RDkit_Layered_FP	0.7132	0.2868	0.7104	0.4173	0.7978
cas_N6512_rdkit_MACCS	0.7358	0.2642	0.7337	0.4673	0.7728
cas_N6512_RDkit_MACCS_FP	0.7347	0.2653	0.7351	0.4691	0.7702
cas_N6512_rdkit_MORGAN	0.6938	0.3062	0.6911	0.3750	0.8151
cas_N6512_RDkit_morgan_FP	0.6856	0.3144	0.6831	0.3661	0.8404
cas_N6512_rdkit_PATTERN	0.7185	0.2815	0.7158	0.4283	0.7909
cas_N6512_RDkit_pattern_FP	0.6871	0.3129	0.6863	0.3723	0.8369
cas_N6512_rdkit_RDKITFP	0.7051	0.2949	0.7024	0.3998	0.8052

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_TORSION	0.6169	0.3831	0.6110	0.2114	0.8915
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8441	0.1039	0.4020	0.1105	0.2944
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8446	0.1554	0.8270	0.6524	0.5866
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.7405	0.1298	0.5569	0.6079	0.3913
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8110	0.1890	0.6414	0.1970	0.6053
churn-bigml	0.8577	0.1423	0.6607	0.0430	0.2846
ci900367j_MACCS	0.6632	0.3368	0.6391	0.1456	0.6008
circles	0.7990	0.0040	0.8062	0.7970	0.0709
cirrhosis	0.6429	0.2381	0.4184	0.2164	0.3909
cjs	0.6036	0.1321	0.6930	0.5222	0.2836
ckd	0.9500	0.0500	0.9461	0.8864	0.1761
clave	0.7278	0.1361	0.4805	0.5604	0.3973
climate	0.9074	0.0926	0.4757	-0.0305	0.6464
cll_sub_111	0.5833	0.2778	0.5556	0.3182	0.5962
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4898	0.3401	0.4541	0.1414	0.6108
cnae-9	0.6759	0.0720	0.6910	0.6354	0.3370
codon_usage	0.5779	0.0767	0.3258	0.4808	0.3493
coil20	0.8681	0.0132	0.8774	0.8611	0.0713
college	0.5974	0.4026	0.6336	0.2268	0.7569
collins	0.4400	0.0747	0.3707	0.3769	0.2908
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.3830	-0.0669	0.7895
colposcopies-2	0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3	0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5517	0.4483	0.5505	0.0872	0.9112
colposcopies-c	0.7931	0.2069	0.6969	0.2018	0.3671
column-2c	0.8710	0.1290	0.8558	0.6702	0.3064
column-3c	0.3871	0.4086	0.4512	0.1196	0.5810
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.6779	0.3221	0.7106	0.3589	0.6805
coupon	0.6735	0.3265	0.6635	0.3252	0.8561
covtype10%	0.6745	0.0930	0.2950	0.4424	0.2965
covtypeCD	0.9115	0.0885	0.8149	0.6297	0.5620
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.5548	0.1484	0.3477	0.2707	0.5622
cryotherapy	0.5556	0.4444	0.6667	0.1818	0.5283
cultivars	0.2812	0.0449	0.1875	0.2581	0.1414
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1900	0.2700	0.1850	0.0249	0.8390
cyclopentane	0.6667	0.3333	0.6887	0.3520	0.7865
darwin	0.7778	0.2222	0.7778	0.5556	0.7044
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	0.4286	0.5714	0.3000	0.0000	0.5288
default	0.7813	0.2187	0.5938	0.1115	0.6488
defect	0.8426	0.1574	0.6562	0.0319	0.3038
dementia	0.8500	0.1500	0.8546	0.6973	0.5111
deposit	0.8929	0.1071	0.6831	0.3290	0.5904
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8649	0.0450	0.8985	0.8327	0.0516
desharnais	0.5000	0.3333	0.4036	0.1795	0.3510
dexter	0.4000	0.6000	0.3902	-0.2000	1.0000
df_final	0.3750	0.4167	0.3158	0.0123	0.6961
DIA	0.7167	0.2833	0.5000	0.0000	0.8156
diabetes	0.7885	0.2115	0.7847	0.5654	0.6841
diabetes-risk	0.8481	0.1519	0.7610	0.5208	0.6575
diabetic	0.5603	0.2931	0.3671	0.1294	0.5341
diabetic1%	0.5686	0.2876	0.3667	0.1130	0.4830
diabetic10%	0.5334	0.3111	0.3260	0.0286	0.5080
diagnosis	0.7500	0.2500	0.7391	0.4706	0.7398
diamonds	0.6000	0.2000	0.5464	0.4444	0.4856
diamonds_all	0.6110	0.1556	0.4215	0.4388	0.5059
dishonest	0.8438	0.1562	0.8590	0.6800	0.4644
dlbcl-harvard-outcome	0.6000	0.4000	0.7059	0.2857	0.5283
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5833	0.4167	0.5391	0.0625	0.8922
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dota2	0.5981	0.4019	0.5947	0.1872	0.9269
dota210%	0.5563	0.4437	0.5535	0.1067	0.9642
drebin	0.9043	0.0957	0.8976	0.7945	0.4233
dropout	0.6095	0.2603	0.5000	0.2756	0.5126
drug-01	0.4149	0.1672	0.1291	0.0512	0.3733
drug-02	0.5106	0.1398	0.0966	-0.0067	0.3331
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3777	0.1778	0.1794	0.2033	0.5438
drug-07	0.4096	0.1968	0.1333	-0.0183	0.3780
drug-08	0.5532	0.1277	0.1021	0.0049	0.2691
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5479	0.1292	0.1772	0.0161	0.2710
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6064	0.1125	0.1701	0.1746	0.3384
drug-14	0.5638	0.1246	0.1034	-0.0012	0.3072
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1596	0.1390	0.0283	0.3414
drug-17	0.3457	0.1869	0.1243	0.0662	0.4590

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.5143	0.1388	0.6006	0.4424	0.3564
ecoli	0.6765	0.1078	0.5876	0.5542	0.3360
ecoliCP-IM	0.7727	0.2273	0.8145	0.5669	0.4929
ecoliM	0.4242	0.5758	0.6338	0.1328	0.4784
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2600	0.3700	0.2510	0.0123	0.8162
eeg	0.3298	0.0838	0.2902	0.2451	0.5597
eeg-eye	0.6375	0.3625	0.6302	0.2585	0.8930
eeg10%	0.2673	0.0916	0.1827	0.1778	0.5674
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
euthyroid	0.8734	0.1266	0.6423	0.2847	0.6961
exon.vs.intron-freq	0.8273	0.1727	0.8358	0.6488	0.5226
exon.vs.intron-freq10%	0.8701	0.1299	0.8720	0.7375	0.4820
fakenews	0.5150	0.4850	0.5150	0.0300	0.9913
fbis-wc	0.4553	0.0641	0.2310	0.3470	0.3709
fertility	0.6000	0.4000	0.3750	-0.1765	0.5613
finance	0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk	0.7015	0.0995	0.3978	0.4705	0.2389
fishcatch	0.8125	0.0625	0.8344	0.7659	0.1654
flags	0.5000	0.1429	0.3644	0.3730	0.3306
forest	0.6538	0.1731	0.6708	0.5130	0.3893
gas	0.8231	0.0590	0.8219	0.7844	0.2058
gastrointestinal	0.7500	0.1667	0.5623	0.5616	0.2839
gender	0.5642	0.2905	0.3132	-0.0055	0.4977
gene	0.5426	0.3049	0.6017	0.3445	0.5965
german	0.6700	0.3300	0.6463	0.0730	0.4665
gestures	0.4812	0.2594	0.5145	0.3090	0.5743
gina	0.7810	0.2190	0.7826	0.5607	0.6852
gisette	0.9243	0.0757	0.9252	0.8486	0.3451
glass	0.6190	0.1270	0.5105	0.4799	0.3462
glass-g2	0.5625	0.4375	0.6219	0.2000	0.7908
glassBWFP	0.7143	0.2857	0.6863	0.3636	0.8021
glassBWNFP	0.7619	0.2381	0.7158	0.4000	0.6957
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.7619	0.2381	0.7419	0.4560	0.6907
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6842	0.3158	0.6910	0.3736	0.8166
gli_85	0.7500	0.2500	0.7895	0.5000	0.5283
glioma	0.6000	0.2667	0.5333	0.4444	0.1500
glioma-grade	0.8571	0.1429	0.8534	0.6987	0.5125
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.4667	0.2667	0.3584	0.2357	0.5412
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7667	0.2333	0.6861	0.1732	0.3932
hapt	0.8051	0.0325	0.4129	0.7678	0.1812
har	0.5469	0.1812	0.5630	0.4274	0.5423
har701%	0.4473	0.1579	0.3207	0.2698	0.3828
har7010%	0.4680	0.1520	0.3192	0.2939	0.4044
harth1%	0.4379	0.0937	0.2326	0.2867	0.4612
harth10%	0.6259	0.0623	0.2867	0.5039	0.4157
hayes-roth	0.3125	0.4583	0.2338	-0.1429	0.6413
hcc-survival	0.4706	0.5294	0.4074	-0.1679	1.0000
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7037	0.2963	0.7191	0.4194	0.7601

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-attack	0.5806	0.4194	0.5700	0.1370	0.9421
heart-c	0.8000	0.2000	0.8228	0.5872	0.4205
heart-failure	0.8160	0.1840	0.7792	0.5544	0.6578
heart-quantum	0.7600	0.2400	0.7615	0.5161	0.7191
hepatitis	0.5333	0.4667	0.5681	0.1026	0.7006
hepmass1%	0.8330	0.1670	0.8336	0.6659	0.5933
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.6923	0.3077	0.5667	0.1333	0.8605
higgs0.1%	0.6518	0.3482	0.6489	0.2945	0.8727
higgs1%	0.6428	0.3572	0.6397	0.2767	0.8839
higher	0.2143	0.1964	0.1048	0.0253	0.3913
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.8438	0.1562	0.8477	0.6825	0.5231
hiv1-proteasa	0.8432	0.1568	0.6694	0.1356	0.3647
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.4167	0.3889	0.2392	-0.1455	0.5942
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.4947	0.3369	0.5410	0.2266	0.6087
ht-sensor10%	0.5018	0.3321	0.5379	0.2384	0.6326
htru2	0.7453	0.2547	0.6947	0.2813	0.5058
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.6201	0.1490	0.4770
ilpd	0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.7927	0.1037	0.8098	0.7236	0.2729
ionosphere	0.7714	0.2286	0.7368	0.3396	0.4011
iris	0.7333	0.1778	0.5675	0.5804	0.2190
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.6637	0.0259	0.6980	0.6502	0.2219
jm1	0.8145	0.1855	0.6229	0.1170	0.5215
jvowels	0.6827	0.0705	0.6678	0.6382	0.3099
kc1	0.8578	0.1422	0.6870	0.1444	0.2864
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6929	0.3824	0.7363
kddcup991%	0.9245	0.0116	0.2143	0.8660	0.0609
kddcup9910%	0.9174	0.0087	0.1420	0.8571	0.0586
kepler	0.7751	0.1499	0.7134	0.6186	0.4095
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.8500	0.1500	0.8485	0.6522	0.3453
krkopt	0.3159	0.0760	0.2416	0.2303	0.5452
krvskp	0.9091	0.0909	0.9092	0.8180	0.4044
la1s-wc	0.5365	0.1545	0.4878	0.4083	0.5981
la2s-wc	0.4901	0.1700	0.4497	0.3411	0.5712
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.6176	0.0332	0.5912	0.5975	0.1163
led24	0.7500	0.0556	0.7729	0.7159	0.1359
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.6400	0.0277	0.6508	0.6252	0.2849
leukemia	0.5714	0.2857	0.5820	0.3636	0.4758
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.5556	0.0593	0.5743	0.5232	0.1659
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.6765	0.3235	0.4035	0.0000	0.4580

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
loan	0.8946	0.1054	0.8881	0.7674	0.4005
lrs	0.3962	0.1725	0.3325	0.2733	0.3819
lung	0.7143	0.1143	0.7929	0.5855	0.3522
lung_discrete	0.7500	0.1000	0.8000	0.6863	0.1500
lung-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1	0.8000	0.0800	0.6217	0.5266	0.2752
lung-cancer-harvard2	0.8333	0.1667	0.6593	0.3077	0.7195
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.5556	0.4444	0.3571	0.0000	0.5164
lymphography	0.5714	0.2857	0.3597	0.0667	0.4983
lymphoma2	0.6667	0.1111	0.5804	0.5500	0.1850
machine-failure	0.7553	0.2447	0.7808	0.5261	0.6331
madelon	0.4808	0.5192	0.4808	-0.0385	1.0000
magic04	0.8190	0.1810	0.7959	0.5797	0.6111
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8021	0.1979	0.8017	0.6000	0.6506
marketing	0.8571	0.1429	0.6250	0.1565	0.5514
maternal	0.5248	0.3168	0.5232	0.2882	0.6238
math	0.7000	0.1500	0.3886	0.4990	0.2977
mba	0.8290	0.1140	0.3613	0.0518	0.3356
mental-disorders	0.5000	0.2500	0.4909	0.3333	0.2918
mental-health	0.2300	0.3080	0.2277	0.0361	0.8394
messidor	0.6261	0.3739	0.6360	0.1640	0.6574
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	0.7778	0.1481	0.8497	0.6667	0.1944
meter-C	0.8333	0.0833	0.8404	0.7712	0.1995
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.8100	0.0380	0.8155	0.7889	0.1856
mfeat-fou	0.4850	0.1030	0.5215	0.4278	0.4037
mfeat-kar	0.7900	0.0420	0.7957	0.7667	0.2368
mfeat-mor	0.6250	0.0750	0.6497	0.5833	0.2576
mfeat-pix	0.8750	0.0250	0.8830	0.8611	0.1326
mfeat-zer	0.4250	0.1150	0.4430	0.3611	0.4009
mice-prot	0.7778	0.0556	0.7924	0.7459	0.2249
milk	0.8868	0.0755	0.8802	0.8241	0.2158
mines	0.4706	0.2118	0.4777	0.3369	0.4970
mobile	0.4685	0.0190	0.5015	0.4588	0.2052
monks-1	0.5273	0.4727	0.5325	0.0604	0.9536
monks-2	0.6721	0.3279	0.5909	0.1372	0.7914
monks-3	0.8214	0.1786	0.8301	0.6451	0.5684
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8573	0.1427	0.8661	0.7119	0.4492
music	0.3278	0.1222	0.3177	0.2058	0.6243
musk	0.8409	0.1591	0.6035	0.1587	0.6642
MUT_ci300400a_cdk_ECFP2	0.7002	0.2998	0.6873	0.3723	0.8241
MUT_ci300400a_cdk_ECFP4	0.6958	0.3042	0.6802	0.3430	0.7997
MUT_ci300400a_cdk_ECFP6	0.6826	0.3174	0.6660	0.3124	0.8120
MUT_ci300400a_cdk_ESTATE	0.6906	0.3094	0.6756	0.3457	0.8312
MUT_ci300400a_cdk_EXTENDED	0.6882	0.3118	0.6718	0.3283	0.8140
MUT_ci300400a_cdk_FCFP2	0.7114	0.2886	0.6979	0.3764	0.7730
MUT_ci300400a_cdk_FCFP4	0.6930	0.3070	0.6796	0.3265	0.7683
MUT_ci300400a_cdk_FCFP6	0.6871	0.3130	0.6712	0.3356	0.8331
MUT_ci300400a_cdk_MACCS	0.7290	0.2710	0.7169	0.4278	0.7769
MUT_ci300400a_cdk_PUBCHEM	0.7365	0.2635	0.7263	0.4513	0.7750
MUT_ci300400a_cdk_STANDARD	0.7090	0.2910	0.6953	0.3701	0.7737
MUT_ci300400a_rdkit_descriptors	0.7356	0.2644	0.7292	0.4583	0.7765
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
naticusdroid	0.8213	0.1787	0.8394	0.6430	0.4770
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.3333	0.2222	0.1961	0.2000	0.2286
ncRNA	0.8466	0.0162	0.0898	0.4598	0.1327
ncRNA1%	0.8406	0.0168	0.0901	0.4098	0.1264
ncRNA10%	0.8173	0.0192	0.0817	0.3307	0.1750
neo	0.7706	0.2294	0.4912	-0.0165	0.6739
new-thyroid	0.3810	0.4127	0.6536	0.2288	0.3133
new-thyroidT	0.5238	0.4762	0.6645	0.1860	0.4238
newspop	0.6493	0.3507	0.6464	0.2917	0.8800
NHANES_age_prediction	0.8855	0.1145	0.7608	0.3929	0.2531
nomao	0.8955	0.1045	0.8698	0.7389	0.4801
NPHA-doctor-visits	0.5139	0.3241	0.2263	-0.0223	0.4554
nursery	0.8102	0.0949	0.6165	0.7183	0.2753
obesity	0.7773	0.0636	0.8097	0.7397	0.1782
obs	0.6759	0.1620	0.6729	0.5203	0.4147
occupancy	0.9796	0.0204	0.9715	0.9428	0.1779
Occupancy_Estimation	0.2369	0.3815	0.5292	0.1111	0.4047
oh0-wc	0.3663	0.1267	0.3077	0.2492	0.5021
oh10-wc	0.2762	0.1448	0.2088	0.1621	0.5173
oh15-wc	0.1739	0.1652	0.1040	0.0637	0.5733
oh5-wc	0.2857	0.1429	0.2693	0.1695	0.5368
olive	0.7895	0.0468	0.7805	0.7472	0.2251
opn310k	0.9052	0.0948	0.5268	0.0137	0.4322
opn310k10%	0.9094	0.0906	0.4763	-0.0037	0.3229
opnat310k-hg16-17	0.9055	0.0945	0.5363	0.0192	0.4287
optdigits	0.8256	0.0349	0.8386	0.8062	0.1898
optdigitsZ	0.9253	0.0747	0.8473	0.6567	0.5360
orl	0.7250	0.0138	0.6640	0.7179	0.0458
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.8800	0.1200	0.8742	0.7458	0.5017
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7784	0.2216	0.7415	0.4651	0.6902
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7698	0.2302	0.7690	0.5345	0.7096
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.8917	0.1083	0.8916	0.7677	0.3621
parkinsons	0.6682	0.3318	0.6282	0.1842	0.7247
parkinsons-small	0.8421	0.1579	0.7920	0.4956	0.3261
particle	0.8612	0.1388	0.8398	0.6744	0.5743
particle10%	0.8438	0.1562	0.7963	0.5808	0.5863
pasture	0.5000	0.3333	0.4000	0.2000	0.3874
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.5446	0.0788	0.9206
pcos	0.5233	0.4767	0.6738	0.2134	0.4780
pd	0.7500	0.2500	0.6029	0.1739	0.7752
pediatric-leukemia	0.3235	0.1933	0.3652	0.2234	0.4969
pendigits	0.7798	0.0440	0.7851	0.7550	0.2506
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.6880	0.3120	0.6486	0.2738	0.8117
personalities	0.7385	0.0327	0.7524	0.7211	0.3124
pet-adoption	0.8450	0.1550	0.8231	0.6122	0.4683
phishing	0.6776	0.3224	0.7251	0.3942	0.6796
PhiUSIIL	0.9706	0.0294	0.9705	0.9394	0.1362
PhiUSIIL10%	0.9597	0.0403	0.9589	0.9174	0.2189

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phoneme	0.8519	0.1481	0.8137	0.6263	0.5996
pima	0.6316	0.3684	0.5953	0.1815	0.8969
pirvision	0.1444	0.5704	0.4676	0.0269	0.2881
placement	0.7890	0.2110	0.7826	0.5651	0.6902
plant-growth	0.6316	0.3684	0.6644	0.2811	0.7662
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5151	0.1385	0.1473	0.0569	0.2984
poker10%	0.5254	0.1187	0.1330	0.0717	0.2680
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.6627	0.3373	0.5948	0.1566	0.8251
popularity	0.6449	0.2367	0.3883	0.1303	0.4602
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.6318	0.1473	0.6500	0.5393	0.4237
pred-tox_mutagen_ref-desc	0.5882	0.4118	0.6184	0.1765	0.7702
prestige	0.7778	0.1481	0.5926	0.6400	0.1389
primary-tumor	0.3939	0.0932	0.2858	0.3175	0.2936
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.5000	0.5000	0.5000	0.0000	0.9876
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.6387	0.1445	0.6524	0.5368	0.4072
puc-rio10%	0.6409	0.1436	0.6390	0.5337	0.4353
pufs-1281%	0.5053	0.4947	0.5053	0.0107	0.9966
pufs-641%	0.4867	0.5133	0.4866	-0.0267	1.0000
pulsar	0.2203	0.7797	0.5616	0.0294	0.2484
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc	0.5133	0.0749	0.1767	0.2387	0.3243
re1-wc	0.3373	0.0530	0.0623	0.1873	0.4143
relathe	0.8732	0.1268	0.8844	0.7495	0.4127
rice	0.9808	0.0192	0.9806	0.9611	0.1278
rnaseq	0.9750	0.0100	0.9790	0.9669	0.0495
rocket	0.5922	0.4078	0.5466	0.0797	0.9054
RT_IOT2022	0.7849	0.0358	0.1420	0.2788	0.2155
satimage	0.5956	0.1348	0.6075	0.5096	0.4216
satimageF	0.4059	0.5941	0.6189	0.0982	0.3297
satimageT	0.9005	0.0995	0.6156	0.0723	0.3655
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5294	0.4706	0.5587	0.0588	0.7405
sclerosis	0.8889	0.1111	0.9000	0.7805	0.3522
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.7565	0.2435	0.7563	0.4921	0.6878
seeds	0.7143	0.1905	0.7256	0.5714	0.2818
segment	0.5584	0.1262	0.5704	0.4886	0.3297
segmentation	0.7376	0.2624	0.6993	0.3630	0.7191
segmentO	0.9048	0.0952	0.7938	0.5797	0.5386
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9120	0.0881	0.7299	0.4528	0.5993
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-4-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sensorless	0.5453	0.0827	0.6444	0.4999	0.2989
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shoppers	0.8694	0.1306	0.6957	0.2897	0.4757
shuttle	0.8071	0.0551	0.1993	0.1521	0.1221
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.8865	0.1135	0.8180	0.5705	0.2905
skin10%	0.9481	0.0519	0.9193	0.8287	0.2114
smarket	0.8560	0.1440	0.8560	0.7116	0.5451
smart-farming	0.3400	0.3300	0.3372	0.1129	0.7121
smk_can_187	0.5789	0.4211	0.5778	0.1556	0.9466
soil_pollution	0.2133	0.3147	0.1978	0.0122	0.7869
solar-flare	0.6115	0.1295	0.4619	0.4900	0.2662
sonar	0.5500	0.4500	0.6393	0.1000	0.5239
soybean	0.8529	0.0155	0.8400	0.8381	0.0831
spam-detection	0.5065	0.4935	0.5887	0.0854	0.4042
spambase	0.8826	0.1174	0.8764	0.7512	0.4786
spect	0.7407	0.2593	0.4255	-0.0678	0.7802
spectf	0.7429	0.2571	0.6587	0.3077	0.7974
splice-EI	0.3785	0.6215	0.5973	0.0846	0.5237
splice-IE	0.7823	0.2177	0.6385	0.1729	0.5936
sport-articles	0.7800	0.2200	0.7583	0.5118	0.7066
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.4000	0.5833	0.1667	0.9308
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.6455	0.2363	0.6215	0.4352	0.5646
steel-b	0.8000	0.2000	0.6444	0.2584	0.7224
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7231	0.2769	0.7436	0.4124	0.6028
steel-o	0.7282	0.2718	0.6942	0.3870	0.8023
steel-p	0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9282	0.0718	0.7865	0.5717	0.5544
stock	0.8125	0.1875	0.4483	-0.0136	0.5076
stockb	0.8811	0.0793	0.8806	0.8216	0.2473
streaming	0.8160	0.1840	0.8166	0.6311	0.6294
stress	0.8254	0.0698	0.8574	0.7824	0.0958
student-lifestyle	0.5650	0.1740	0.2482	0.2509	0.3592
student-depression	0.8179	0.1821	0.8110	0.6209	0.6323
student-habits	0.4100	0.2360	0.1890	0.0611	0.4646
student-weekend	0.3846	0.2462	0.1124	0.0038	0.3630
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.5324	0.2778	0.5791
susy1%	0.7948	0.2052	0.7941	0.5815	0.6553
swarm_aligned	0.8751	0.1249	0.8619	0.7201	0.5299
swarm_flocking	0.7244	0.2756	0.7287	0.4488	0.7647
swarm_grouped	0.7231	0.2769	0.7332	0.4492	0.7420
tae	0.4000	0.4000	0.4101	0.1000	0.7275
telco-churn	0.8210	0.1790	0.7532	0.4422	0.5223
texture	0.7109	0.0526	0.7665	0.6814	0.2273
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7539	0.2461	0.5794	0.0791	0.6437
tis10%	0.7388	0.2612	0.5275	0.0290	0.7275
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.4800	0.6364	0.0881
tox_171	0.6471	0.1765	0.6193	0.5143	0.2076
toxicity	0.4706	0.5294	0.3200	-0.3077	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity-13f	0.5882	0.4118	0.3704	-0.1121	0.8833
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.4390	0.1247	0.2085	0.2377	0.3303
trec12-wc	0.3226	0.1694	0.1250	0.0700	0.3588
trec21-wc	0.6061	0.1576	0.1538	-0.0566	0.3740
trec23-wc	0.4286	0.1905	0.2488	0.1818	0.3751
trec31-wc	0.4731	0.1756	0.2246	0.2205	0.4680
trec41-wc	0.5682	0.0864	0.3451	0.4506	0.3645
trec45-wc	0.2754	0.1449	0.2058	0.1142	0.5160
tuandromd	0.8274	0.1726	0.7491	0.4955	0.6913
turkish	0.3250	0.3375	0.2302	0.1000	0.5530
tvnews	0.8278	0.1722	0.8117	0.6060	0.5661
tvnews1%	0.8077	0.1923	0.7891	0.5626	0.6196
tvnews10%	0.7363	0.2637	0.7083	0.3613	0.6679
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.6119	0.0862	0.6461	0.5530	0.2733
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.6786	0.1607	0.6245	0.5560	0.3575
vehicleVAN	0.9643	0.0357	0.9523	0.9000	0.1262
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.8605	0.1395	0.8604	0.7208	0.5361
vowel	0.3333	0.1212	0.3992	0.2667	0.3383
vowelZ	0.5455	0.4545	0.4660	-0.0377	0.4843
vrnormat310k-hg16-17	0.8722	0.1278	0.5398	0.0758	0.7222
warpar10p	0.6923	0.0615	0.6240	0.6510	0.1018
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
water_pollution	0.2500	0.3750	0.2506	-0.0009	0.8677
waveform	0.5980	0.2680	0.6189	0.3935	0.4462
weather-related	0.9577	0.0077	0.9557	0.9520	0.0501
web-phishing	0.6296	0.2469	0.5115	0.3733	0.6634
Weekly	0.8148	0.1852	0.8163	0.6154	0.5782
white-clover	0.6667	0.3333	0.6250	0.2500	0.8750
wifi-loc	0.5700	0.2150	0.6423	0.4267	0.3335
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.5294	0.3137	0.7163	0.3790	0.2856
winequality-red	0.5535	0.1488	0.2833	0.2497	0.3344
winequality-white	0.5092	0.1636	0.2507	0.2025	0.4370
winnipeg	0.8900	0.0314	0.6386	0.8614	0.1807
winnipeg10%	0.8107	0.0541	0.5913	0.7629	0.2070
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.4375	0.0750	0.4005	0.3975	0.1535
yeast	0.2703	0.1622	0.1984	0.1424	0.5036
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.7247	0.0551	0.7382	0.6875	0.2596

Table 290: Detailed results for ELM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1301	0.0828	0.0917	0.0403	0.5530
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9268	0.0732	0.8330	0.6449	0.3911
adult	0.8454	0.1546	0.7698	0.5275	0.6154
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.8190	0.1810	0.6106	0.1677	0.6725
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7222	0.2778	0.4194	-0.1613	0.7929
AID1284red	0.7500	0.2500	0.4286	-0.1408	0.8101
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9983	0.0017	0.4996	-0.0003	0.1379
AID373red	0.9980	0.0020	0.4995	-0.0010	0.5055
AID439Morered	0.5714	0.4286	0.3636	-0.2353	0.7045
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9950	0.0050	0.4987	-0.0024	0.5429
AID604	0.9956	0.0044	0.4989	-0.0014	0.4719
AID604AID644_AllRed	0.9980	0.0020	0.4995	-0.0010	0.5055
AID644Morered	0.6500	0.3500	0.6428	0.2708	0.8198
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9985	0.0015	0.4996	-0.0007	0.4457
AID687red	0.9961	0.0039	0.4990	-0.0014	0.5024
AID688red	0.9882	0.0118	0.5343	0.0542	0.5259
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9982	0.0018	0.4995	-0.0009	0.5226
AID746red	0.9923	0.0077	0.4981	-0.0026	0.5039
aids	0.8404	0.1596	0.7651	0.5101	0.6023
air_pollution	0.4067	0.1695	0.1699	0.0120	0.3869
air-booking	0.8460	0.1540	0.5760	0.0821	0.5904
airline	0.8947	0.1053	0.8927	0.7845	0.4441
alcohol	0.7429	0.1029	0.2565	0.3192	0.2222
all-aml	0.8333	0.1667	0.8537	0.6667	0.4644
alzheimers	0.8140	0.1860	0.7926	0.5830	0.6522
anneal	0.9438	0.0225	0.9392	0.8861	0.1916
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9652	0.0174	0.7168	0.9333	0.0917
anuran-genus	0.9555	0.0111	0.8485	0.9257	0.1184
anuran-species	0.9681	0.0064	0.9266	0.9554	0.0573
anxiety	0.1333	0.1926	0.1255	0.0239	0.7843
apple-quality	0.8650	0.1350	0.8653	0.7300	0.5226
aps-failure	0.9824	0.0176	0.7492	0.4984	0.5312
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.6021	0.2000	0.9053
arrhythmia	0.6889	0.0479	0.2658	0.4569	0.2208
auction	0.8971	0.1029	0.7211	0.3859	0.5057
audiology	0.8182	0.0331	0.7405	0.7854	0.1014
audit-risk	0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent	0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult	0.8857	0.1143	0.8555	0.7110	0.5251
autism-child	0.7931	0.2069	0.7929	0.5857	0.6774
autos	0.7000	0.1000	0.6280	0.5918	0.2285
avila	0.6114	0.0648	0.4715	0.4455	0.3542
babies	0.4758	0.1498	0.1595	0.1783	0.4765
balance	0.9032	0.0645	0.6228	0.8178	0.1771
bank	0.9017	0.0983	0.6986	0.3513	0.5483
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8802	0.1198	0.8696	0.7285	0.4434
basehock	0.6131	0.3869	0.6151	0.2268	0.9072
bio	0.9938	0.0062	0.7887	0.4745	0.0688
bio10%	0.9945	0.0055	0.8173	0.5533	0.0235
biodeg	0.8762	0.1238	0.8682	0.7362	0.5083
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9981	0.0000	0.0892	0.1646	0.1101
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9369	0.0160	0.0325	-0.0133	0.6083
body-perf	0.6194	0.1903	0.6123	0.4925	0.4950
bookings	0.9027	0.0649	0.6184	0.7896	0.2964
brain-tumor	0.4950	0.5050	0.4950	-0.0100	1.0000
breast-cancer	0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.4545	0.5455	0.4500	-0.1000	1.0000
breast-tissue	0.6364	0.1212	0.5969	0.5600	0.1943
bridges	0.7000	0.0857	0.5429	0.5714	0.1855
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4360	0.3760	0.2808	-0.0774	0.5729
car	0.9080	0.0460	0.8210	0.8007	0.2480
car-insurance	0.8250	0.1750	0.7917	0.5818	0.6451
card	0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography	0.7793	0.0441	0.6803	0.7300	0.1769
cardiotocography-nsp	0.8920	0.0720	0.8075	0.6871	0.3031
cardiovascular	0.6957	0.3043	0.6957	0.3913	0.8263
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0098
cars	0.6750	0.2167	0.5226	0.4183	0.5820
cas_N6512_cdk_ECFP2	0.6344	0.3656	0.6316	0.2632	0.8973
cas_N6512_rdkit_ATOMPAIR	0.6446	0.3554	0.6403	0.2790	0.8847
cas_N6512_RDkit_AtomPair_FP	0.6871	0.3129	0.6837	0.3648	0.8340
cas_N6512_rdkit_AVALON	0.7035	0.2965	0.7014	0.4027	0.8177
cas_N6512_RDkit_Avalon_FP	0.6840	0.3160	0.6855	0.3691	0.8354
cas_N6512_rdkit_descriptors	0.6954	0.3046	0.6939	0.3877	0.8277
cas_N6512_rdkit_FEATMORGAN	0.6344	0.3656	0.6300	0.2589	0.8962
cas_N6512_RDkit_Featmorgan_FP	0.6426	0.3574	0.6388	0.2768	0.8882
cas_N6512_RDkit_FP	0.6626	0.3374	0.6597	0.3192	0.8674
cas_N6512_rdkit_LAYERED	0.7138	0.2862	0.7126	0.4251	0.8033
cas_N6512_RDkit_Layered_FP	0.6549	0.3451	0.6519	0.3036	0.8758

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7389	0.2611	0.7365	0.4694	0.7598
cas_N6512_RDkit_MACCS_FP	0.7469	0.2531	0.7455	0.4910	0.7559
cas_N6512_rdkit_MORGAN	0.6508	0.3492	0.6464	0.2905	0.8767
cas_N6512_RDkit_morgan_FP	0.5982	0.4018	0.5936	0.1866	0.9310
cas_N6512_rdkit_PATTERN	0.6862	0.3138	0.6843	0.3686	0.8395
cas_N6512_RDkit_pattern_FP	0.6871	0.3129	0.6876	0.3741	0.8342
cas_N6512_rdkit_RDKITFP	0.6559	0.3441	0.6543	0.3085	0.8741
cas_N6512_rdkit_TORSION	0.6554	0.3446	0.6515	0.3017	0.8737
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8478	0.1015	0.4167	0.1463	0.2928
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7306	0.2694	0.6960	0.3892	0.7966
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9669	0.0331	0.7595	0.4163	0.2252
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9357	0.0643	0.5952	0.0614	0.3474
census10%	0.9365	0.0635	0.5808	0.0944	0.4938
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9535	0.0465	0.7433	0.3202	0.1295
cervical-H	0.9302	0.0698	0.7540	0.4669	0.5720
cervical-S	0.9302	0.0698	0.7711	0.5343	0.5353
children-anemia	0.6309	0.1846	0.4169	0.4216	0.3843
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8400	0.1600	0.7163	0.3838	0.5899
churn-bigml	0.8652	0.1348	0.6558	0.1810	0.4644
ci900367j_MACCS	0.6842	0.3158	0.6549	0.3066	0.8513
circles	0.9250	0.0015	0.9332	0.9242	0.0209
cirrhosis	0.7381	0.1746	0.5010	0.4526	0.3795
cjs	0.9893	0.0036	0.9878	0.9869	0.0192
ckd	0.9500	0.0500	0.9461	0.8864	0.1761
clave	0.7713	0.1144	0.5179	0.6235	0.2926
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.2500	0.5000	0.1667	-0.2558	0.7025
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5782	0.2812	0.5551	0.3302	0.6769
cnae-9	0.7500	0.0556	0.7551	0.7188	0.2543
codon_usage	0.7843	0.0392	0.5014	0.7331	0.2138
coil20	0.9583	0.0042	0.9604	0.9561	0.0269
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.2800	0.0960	0.2357	0.1946	0.3482
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.5517	0.4483	0.4972	-0.0053	0.9756
colposcopies-3	0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.8621	0.1379	0.7242	0.4257	0.6185
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.7586	0.2414	0.6545	0.3072	0.7986
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5340	0.4621	0.5274	0.0320	0.7781
comedy_comparisons1%	0.4829	0.5171	0.4795	-0.0405	1.0000
comedy_comparisons10%	0.5161	0.4839	0.5078	0.0129	0.9357
connect-4	0.9821	0.0119	0.6102	0.3522	0.0357
cottonmeloidogyne	0.7548	0.2452	0.7552	0.5098	0.7407
coupon	0.6672	0.3328	0.6551	0.3051	0.8577
covid19	0.5403	0.1313	0.2170	0.1727	0.3427
covtype	0.6973	0.0865	0.4451	0.4990	0.3630
covtype10%	0.6919	0.0880	0.4129	0.4883	0.3590
covtypeCD	0.9483	0.0517	0.8837	0.7604	0.3358
covtypeT	0.9499	0.0501	0.7718	0.5088	0.4170
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9985	0.0015	0.7173	0.3432	0.2570
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8728	0.0424	0.6027	0.7182	0.1883
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.4688	0.0266	0.3307	0.4538	0.0762
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1500	0.2833	0.1518	-0.0226	0.8886
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.7037	0.2963	0.6925	0.3802	0.8135
darwin	0.5000	0.5000	0.5000	0.0000	0.9808
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0964	0.1807	0.0965	-0.0042	0.9304
day1%	0.9538	0.0345	0.9694	0.9505	0.1656
dbworld	0.5714	0.4286	0.5833	0.1600	0.9174
default	0.8173	0.1827	0.6930	0.3352	0.6308
defect	0.8858	0.1142	0.7578	0.4299	0.3903
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8960	0.1040	0.6895	0.3299	0.5568
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	1.0000	0.0000	1.0000	1.0000	0.0000
desharnais	0.5000	0.3333	0.3901	0.2000	0.4638
dexter	0.4667	0.5333	0.4666	-0.0667	1.0000
df_final	0.3125	0.4583	0.2888	-0.0476	0.6601
DIA	0.7667	0.2333	0.6497	0.2821	0.7707
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k	0.9259	0.0741	0.6995	0.2428	0.3033
diabetes-risk	0.8690	0.1310	0.7827	0.5498	0.5643
diabetic	0.5402	0.3065	0.3308	0.0123	0.4106
diabetic1%	0.4608	0.3595	0.3752	-0.0435	0.6306
diabetic10%	0.5275	0.3150	0.3126	0.0110	0.5045
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9333	0.0333	0.9000	0.9067	0.0654
diamonds_all	0.5921	0.1631	0.4814	0.3909	0.4083
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.7059	0.2857	0.5283
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9130	0.0870	0.6946	0.1532	0.2040
dota2	0.5701	0.4299	0.5656	0.1286	0.9481
dota210%	0.5670	0.4330	0.5624	0.1227	0.9512
drebin	0.9188	0.0812	0.9129	0.8259	0.3894
dropout	0.7652	0.1565	0.6670	0.5946	0.4255

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3351	0.1900	0.1251	-0.0127	0.5748
drug-02	0.5106	0.1398	0.1818	0.1280	0.6081
drug-03	0.6809	0.0912	0.1685	0.0666	0.3492
drug-04	0.5319	0.1337	0.1713	0.1143	0.4578
drug-05	0.7287	0.0775	0.1204	-0.0081	0.2227
drug-06	0.4202	0.1657	0.2555	0.2647	0.5539
drug-07	0.3936	0.1733	0.1229	-0.0035	0.4454
drug-08	0.5798	0.1201	0.2229	0.1982	0.4161
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5372	0.1322	0.1757	0.1410	0.5115
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.2125	0.2363	0.3436
drug-14	0.5957	0.1155	0.2696	0.2750	0.4272
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5691	0.1231	0.2301	0.2609	0.4414
drug-17	0.3511	0.1854	0.1499	0.1066	0.5849
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7606	0.0684	0.1238	0.0007	0.2412
drybean	0.9265	0.0210	0.9390	0.9111	0.1207
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3000	0.3500	0.2989	0.0663	0.8202
eeg	0.3841	0.0770	0.3388	0.3125	0.5704
eeg-eye	0.7029	0.2971	0.6975	0.3908	0.8115
eeg10%	0.3452	0.0819	0.3260	0.2683	0.5671
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5342	0.1863	0.4774	0.3945	0.4876
euthyroid	0.9209	0.0791	0.7260	0.3849	0.4451
exon.vs.intron-freq	0.9186	0.0814	0.9186	0.8369	0.3758
exon.vs.intron-freq10%	0.9147	0.0853	0.9146	0.8290	0.3887
fakenews	0.5225	0.4775	0.5225	0.0450	0.9866
farm-ads	0.6449	0.3551	0.6421	0.2835	0.8859
fbis-wc	0.4268	0.0674	0.2643	0.3218	0.4243
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8039	0.1961	0.8029	0.5978	0.6336
financial-risk	0.6745	0.1085	0.3790	0.4332	0.3027
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3500	0.1625	0.1784	0.1503	0.4035
fonts	0.2615	0.0097	0.0262	0.1884	0.3771
fonts10%	0.2645	0.0096	0.0218	0.1913	0.3652
forest	0.8846	0.0577	0.8658	0.8398	0.1322
gas	0.9569	0.0144	0.9532	0.9477	0.0879
gastrointestinal	0.5000	0.3333	0.4886	0.1950	0.6803
gender	0.5853	0.2765	0.3605	0.0942	0.5658
gene	0.7539	0.1640	0.7188	0.5933	0.4963
german	0.7800	0.2200	0.7494	0.4673	0.6470
gestures	0.5248	0.2376	0.5247	0.3667	0.6424
gina	0.8156	0.1844	0.8155	0.6309	0.6342
gisette	0.8071	0.1929	0.8072	0.6143	0.6506
glass	0.7619	0.0794	0.7125	0.6591	0.2085
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6842	0.3158	0.6910	0.3736	0.8166
gli_85	0.6250	0.3750	0.7241	0.3333	0.5239
glioma	0.2000	0.4000	0.1667	-0.1765	0.3764
glioma-grade	0.9048	0.0952	0.9033	0.8057	0.4235
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.6301	0.3824	0.4265
gsalc	0.6667	0.1111	0.7500	0.6029	0.1734
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.8582	0.0236	0.7135	0.8317	0.1364
har	0.6886	0.1246	0.6759	0.6035	0.4659
har70	0.8379	0.0463	0.4903	0.7542	0.1768
har701%	0.8345	0.0473	0.4869	0.7466	0.1735
har7010%	0.8383	0.0462	0.4903	0.7533	0.1728
harth	0.8029	0.0328	0.3995	0.7268	0.1877
harth1%	0.8106	0.0316	0.3935	0.7380	0.1814
harth10%	0.8055	0.0324	0.3908	0.7302	0.1799
hayes-roth	0.5000	0.3333	0.5721	0.1950	0.5024
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack	0.8710	0.1290	0.8745	0.7427	0.4884
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.8820	0.1180	0.8620	0.7237	0.5125
heart-quantum	0.9200	0.0800	0.9167	0.8333	0.3797
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.8305	0.1695	0.8305	0.6609	0.6036
hepmass1%	0.8260	0.1740	0.8261	0.6519	0.6119
hepmass10%	0.8229	0.1771	0.8230	0.6458	0.6190
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.6332	0.3668	0.6299	0.2571	0.8935
higgs0.1%	0.6336	0.3664	0.6306	0.2600	0.8961
higgs1%	0.6254	0.3746	0.6217	0.2400	0.8998
higgs10%	0.6299	0.3701	0.6268	0.2506	0.8960
higher	0.2857	0.1786	0.1515	0.1358	0.3428
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.7188	0.2812	0.7249	0.4419	0.7732
hiv1-proteasa	0.8718	0.1282	0.7390	0.3809	0.4160
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6389	0.2407	0.5977	0.3641	0.5342
hotel-reservartions	0.8173	0.1827	0.7870	0.5711	0.6521
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.7685	0.1543	0.7729	0.6534	0.4482
ht-sensor10%	0.7322	0.1785	0.7364	0.5987	0.4868
htru2	0.9782	0.0218	0.9315	0.8586	0.1794
hypothyroid	0.9257	0.0371	0.4141	0.3029	0.0849
hypothyroidT	0.9416	0.0584	0.7571	0.3700	0.1541
ilpd	0.6610	0.3390	0.5217	0.0391	0.9015
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9473	0.0263	0.9486	0.9298	0.0995
ionosphere	0.8000	0.2000	0.7561	0.4708	0.5962
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.7997	0.0154	0.8044	0.7917	0.1671

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8118	0.1882	0.6168	0.1601	0.6357
jvowels	0.9398	0.0134	0.9368	0.9317	0.0929
kc1	0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.5385	0.1846	0.1647	0.1522	0.4074
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7500	0.2500	0.5552	0.1011	0.8298
kdc-4007	0.7028	0.0637	0.6439	0.6310	0.3352
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9948	0.0004	0.3129	0.9911	0.0248
kddcup991%	1.0000	0.0002	0.4661	0.9982	0.0096
kddcup9910%	0.9888	0.0010	0.4094	0.9810	0.0246
kepler	0.8420	0.1053	0.7924	0.7395	0.2769
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.4043	0.0662	0.2726	0.3256	0.4720
krvskp	0.9467	0.0533	0.9466	0.8931	0.2786
la1s-wc	0.3238	0.2254	0.2942	0.0978	0.6449
la2s-wc	0.3940	0.2020	0.2998	0.1889	0.6160
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0230	0.7309	0.7223	0.0681
led24	0.5500	0.0900	0.5455	0.5000	0.2152
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7375	0.0202	0.7439	0.7269	0.2447
leukemia	0.7143	0.1905	0.7490	0.5625	0.3209
leukemia2	0.2857	0.7143	0.2222	-0.2963	0.9844
libra	0.9167	0.0111	0.9275	0.9105	0.0356
linkage	0.9998	0.0002	0.9878	0.9754	0.0306
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9999	0.0001	0.9916	0.9832	0.0376
liver	0.7941	0.2059	0.7856	0.5609	0.6703
loan	0.9274	0.0726	0.9223	0.8433	0.3409
localization	0.4440	0.1011	0.2112	0.2311	0.4163
localization10%	0.4430	0.1013	0.1614	0.2331	0.4361
lrs	0.8868	0.0226	0.4590	0.8424	0.0545
lung	0.8571	0.0571	0.6795	0.7123	0.2147
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.7500	0.1000	0.6071	0.5868	0.3912
lung-cancer-harvard2	0.8333	0.1667	0.7396	0.4706	0.6839
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.6667	0.0741	0.2917	0.5500	0.0972
machine-failure	0.9043	0.0957	0.9011	0.8021	0.4231
madelon	0.5692	0.4308	0.5698	0.1385	0.9504
magic04	0.8553	0.1447	0.8382	0.6682	0.5327
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8347	0.6671	0.5906
marketing	0.8929	0.1071	0.7531	0.4666	0.5083
maternal	0.6436	0.2376	0.6483	0.4501	0.5235
math	0.7000	0.1500	0.6808	0.5411	0.3757
mba	0.8387	0.1075	0.3922	0.0649	0.2742
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2438
mental-health	0.2100	0.3160	0.2091	0.0123	0.8627

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.7217	0.2783	0.7157	0.4312	0.7953
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.7762	0.6870	0.2247
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9650	0.0070	0.9659	0.9611	0.0434
mfeat-fou	0.7350	0.0530	0.7324	0.7056	0.2547
mfeat-kar	0.8900	0.0220	0.8908	0.8778	0.1276
mfeat-mor	0.7250	0.0550	0.7311	0.6944	0.1898
mfeat-pix	0.9350	0.0130	0.9369	0.9278	0.0744
mfeat-zer	0.8000	0.0400	0.7972	0.7778	0.1379
mice-prot	0.9907	0.0023	0.9916	0.9894	0.0113
milk	0.9434	0.0377	0.9337	0.9131	0.1271
mines	0.5000	0.2000	0.4223	0.3731	0.3701
mobile	0.6014	0.0142	0.6238	0.5941	0.1695
monks-1	0.8182	0.1818	0.8253	0.6348	0.5722
monks-2	0.7213	0.2787	0.6721	0.3297	0.7953
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0123
music	0.4794	0.0946	0.4736	0.3646	0.5187
musk	0.9182	0.0818	0.8312	0.6005	0.2048
MUT_ci300400a_cdk_ECFP2	0.6427	0.3573	0.6224	0.2385	0.8855
MUT_ci300400a_cdk_ECFP4	0.6731	0.3269	0.6572	0.3108	0.8562
MUT_ci300400a_cdk_ECFP6	0.6311	0.3689	0.6101	0.2146	0.8983
MUT_ci300400a_cdk_ESTATE	0.7134	0.2866	0.7016	0.4012	0.8070
MUT_ci300400a_cdk_EXTENDED	0.7170	0.2830	0.7048	0.4065	0.8000
MUT_ci300400a_cdk_FCFP2	0.6659	0.3341	0.6475	0.2873	0.8575
MUT_ci300400a_cdk_FCFP4	0.6811	0.3189	0.6643	0.3203	0.8378
MUT_ci300400a_cdk_FCFP6	0.6403	0.3597	0.6217	0.2399	0.8925
MUT_ci300400a_cdk_MACCS	0.7158	0.2842	0.7032	0.4027	0.8005
MUT_ci300400a_cdk_PUBCHEM	0.7269	0.2731	0.7146	0.4237	0.7811
MUT_ci300400a_cdk_STANDARD	0.6958	0.3042	0.6819	0.3606	0.8286
MUT_ci300400a_rdkit_descriptors	0.7506	0.2494	0.7432	0.4856	0.7526
myocardial	0.8647	0.0338	0.2522	0.2947	0.1861
naticusdroid	0.9362	0.0638	0.9363	0.8725	0.3152
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.0741	0.3810	0.6000	0.0881
ncRNA	0.8806	0.0126	0.3143	0.6435	0.2574
ncRNA1%	0.8758	0.0131	0.2507	0.6193	0.2536
ncRNA10%	0.8807	0.0126	0.2951	0.6438	0.2367
neo	0.9076	0.0924	0.6470	0.1723	0.4347
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.1303	0.0395	0.0811	0.0805	0.5596
newspop	0.6400	0.3600	0.6371	0.2735	0.8906
NHANES_age_prediction	0.9692	0.0308	0.9408	0.8804	0.2295
nomao	0.9292	0.0708	0.9131	0.8261	0.3797
NPHA-doctor-visits	0.4167	0.3889	0.2805	-0.0815	0.6762
nursery	0.9090	0.0364	0.5523	0.8651	0.1149
obesity	0.7346	0.0758	0.7293	0.6903	0.2962
obs	0.8889	0.0556	0.9063	0.8334	0.1705
occupancy	0.9883	0.0117	0.9840	0.9677	0.1315
Occupancy_Estimation	0.9901	0.0049	0.9685	0.9700	0.0446
oh0-wc	0.3762	0.1248	0.2661	0.2725	0.5462
oh10-wc	0.3429	0.1314	0.2974	0.2413	0.5653
oh15-wc	0.3261	0.1348	0.2921	0.2145	0.5544
oh5-wc	0.2637	0.1473	0.2332	0.1593	0.6580

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.2124	0.1575	0.1950	0.1052	0.7626
olive	0.9298	0.0156	0.9215	0.9118	0.0396
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9104	0.0896	0.4765	-0.0019	0.2753
opnat310k-hg16-17	0.9089	0.0911	0.4761	-0.0002	0.2197
optdigits	0.9164	0.0167	0.9186	0.9070	0.1069
optdigitsZ	0.9929	0.0071	0.9778	0.9553	0.0921
orl	0.9250	0.0037	0.9059	0.9231	0.0126
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7732	0.2268	0.7396	0.4755	0.7312
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8591	0.7149	0.5330
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.7087	0.8337	0.0904
parkinson	0.9667	0.0333	0.9655	0.9310	0.2012
parkinsons	0.7441	0.2559	0.7341	0.4668	0.7637
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.8897	0.1103	0.8605	0.7196	0.4969
particle10%	0.8838	0.1162	0.8520	0.7012	0.5051
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5155	0.4845	0.4834	-0.0323	0.9944
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8158	0.1842	0.7328	0.4510	0.6737
pediatric-leukemia	0.5294	0.1345	0.3886	0.4119	0.3707
pendigits	0.9682	0.0064	0.9683	0.9646	0.0499
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7930	0.2070	0.7749	0.5456	0.6816
personalities	0.8072	0.0241	0.8079	0.7943	0.2644
pet-adoption	0.9000	0.1000	0.8856	0.7703	0.4486
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL	0.9454	0.0546	0.9444	0.8887	0.2881
PhiUSIIL10%	0.9606	0.0394	0.9597	0.9193	0.2236
phone-acc	0.5562	0.1268	0.5282	0.4806	0.4138
phone-acc0.1%	0.5199	0.1372	0.4765	0.4379	0.4652
phone-acc1%	0.5470	0.1294	0.5074	0.4690	0.4266
phone-acc10%	0.5467	0.1295	0.5150	0.4691	0.4337
phone-gyr	0.4848	0.1472	0.4731	0.3977	0.4782
phone-gyr0.1%	0.4867	0.1467	0.4730	0.4002	0.4796
phone-gyr1%	0.5057	0.1412	0.4928	0.4217	0.4580
phone-gyr10%	0.4885	0.1461	0.4825	0.4024	0.4639
phoneme	0.8296	0.1704	0.7878	0.5755	0.6525
phy	0.6946	0.3054	0.6946	0.3891	0.8278
pima	0.7105	0.2895	0.6923	0.3323	0.7052
pirvision	0.9745	0.0170	0.9467	0.9161	0.0898
placement	0.7960	0.2040	0.7895	0.5785	0.6765
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker	0.5072	0.0986	0.1011	0.0417	0.2610
poker1%	0.5122	0.0976	0.1036	0.0645	0.2711
poker10%	0.5047	0.0991	0.1012	0.0435	0.2688
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9486	0.0514	0.4868	-0.0071	0.4090

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9289	0.0711	0.5853	0.0730	0.4239
polya	0.7481	0.2519	0.7164	0.4270	0.7634
popularity	0.6492	0.2339	0.3949	0.1525	0.4642
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8169	0.0732	0.8163	0.7711	0.2803
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6030	0.2059	0.9259
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4242	0.0523	0.2070	0.3596	0.2276
processed	0.9137	0.0863	0.9015	0.8029	0.4212
profb	0.7612	0.2388	0.7185	0.4322	0.7544
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.6429	0.3571	0.6443	0.2857	0.8758
prostate_GE	0.7273	0.2727	0.7333	0.4590	0.7617
puc-rio	0.9100	0.0360	0.8733	0.8781	0.1533
puc-rio10%	0.9113	0.0355	0.8690	0.8800	0.1522
pufs-128	0.5011	0.4989	0.5011	0.0021	0.9994
pufs-1281%	0.5060	0.4940	0.5060	0.0120	0.9965
pufs-12810%	0.5028	0.4972	0.5028	0.0056	0.9984
pufs-64	0.5021	0.4979	0.5020	0.0041	0.9984
pufs-641%	0.5042	0.4958	0.5042	0.0083	0.9976
pufs-6410%	0.4975	0.5025	0.4975	-0.0049	1.0000
pulsar	0.9816	0.0184	0.9433	0.8840	0.1636
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv1	0.2426	0.0431	0.0177	-0.0103	0.2828
rcv11%	0.2833	0.0270	0.0430	0.1364	0.4424
rcv110%	0.2735	0.0274	0.0387	0.0954	0.4138
re0-wc	0.5133	0.0749	0.1951	0.2789	0.3643
re1-wc	0.3373	0.0530	0.1087	0.1994	0.4440
rejafada	0.9598	0.0402	0.4897	-0.0089	0.4791
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.4783	0.0161	0.0186	0.1472	0.3099
rice	0.9874	0.0126	0.9872	0.9744	0.0893
rnaseq	0.9875	0.0050	0.9867	0.9835	0.0202
rocket	0.6430	0.3570	0.6220	0.2415	0.8927
RT_IOT2022	0.9769	0.0038	0.8447	0.9419	0.0245
satimage	0.8631	0.0456	0.8443	0.8300	0.1941
satimageF	0.9907	0.0093	0.9757	0.9513	0.1170
satimageT	0.9331	0.0669	0.7869	0.4985	0.2880
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.7961	0.2039	0.7931	0.5860	0.6736
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9307	0.0198	0.9387	0.9190	0.0782
segmentation	0.8317	0.1683	0.8132	0.6238	0.6116
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9380	0.0620	0.6847	0.1046	0.1594
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.5832	0.0279	0.3779
sens-2-gram	0.8605	0.1395	0.4625	-0.0151	0.5048
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-5-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram	0.8632	0.1368	0.5313	0.0179	0.4988

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-8-gram	0.8474	0.1526	0.4587	-0.0377	0.6657
sens-9-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sensorless	0.5764	0.0770	0.5923	0.5341	0.3347
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8808	0.1192	0.7305	0.3780	0.4528
shuttle	0.9943	0.0016	0.6222	0.9839	0.1124
sick	0.9363	0.0637	0.6542	0.2276	0.4686
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9938	0.0062	0.9908	0.9815	0.0892
skin10%	0.9918	0.0082	0.9879	0.9756	0.1098
smarket	0.8880	0.1120	0.8908	0.7752	0.4315
smart-farming	0.2400	0.3800	0.2376	-0.0128	0.8393
smk_can_187	0.6316	0.3684	0.6333	0.2652	0.8937
smoking	0.7524	0.2476	0.7417	0.4810	0.7505
soil_pollution	0.1500	0.3400	0.1516	-0.0642	0.8988
solar-flare	0.7626	0.0791	0.6933	0.6947	0.1768
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9555	0.0445	0.8584	0.7133	0.4056
spambase	0.9022	0.0978	0.8975	0.7913	0.4053
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.8571	0.1429	0.8309	0.6602	0.5894
spectrometer	0.3077	0.0513	0.2075	0.2615	0.2303
splice-EI	0.8170	0.1830	0.7431	0.4807	0.6865
splice-IE	0.8044	0.1956	0.6911	0.3439	0.6694
sport-articles	0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	0.9462	0.0538	0.9410	0.8818	0.2868
steel_industry	0.7917	0.1389	0.7466	0.6624	0.4069
steel-b	0.8462	0.1538	0.7530	0.5010	0.6527
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7949	0.2051	0.7681	0.5324	0.6875
steel-p	0.9333	0.0667	0.7287	0.4051	0.4581
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9795	0.0205	0.9450	0.8886	0.3044
stellar	0.8725	0.0850	0.8574	0.7644	0.2948
stock	0.8611	0.1389	0.7347	0.4479	0.6116
stockb	0.9912	0.0059	0.9912	0.9868	0.0319
streaming	0.8580	0.1420	0.8562	0.7113	0.5392
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6100	0.1560	0.3448	0.3580	0.4342
student-depression	0.7975	0.2025	0.7896	0.5779	0.6722
student-habits	0.4200	0.2320	0.2375	0.1001	0.5695
student-weekend	0.3692	0.2523	0.2334	0.1305	0.7185
student-workday	0.7031	0.1187	0.2381	0.1936	0.3969
studentap	0.6154	0.2564	0.6426	0.3868	0.5042
susy	0.7857	0.2143	0.7845	0.5634	0.6760
susy1%	0.7916	0.2084	0.7900	0.5762	0.6699
susy10%	0.7873	0.2127	0.7857	0.5674	0.6775
swarm_aligned	0.9750	0.0250	0.9716	0.9426	0.1861
swarm_flocking	0.9301	0.0699	0.9305	0.8601	0.3326
swarm_grouped	0.9600	0.0400	0.9574	0.9147	0.2347
tae	0.3333	0.4444	0.3569	0.0000	0.7302
telco-churn	0.8793	0.1207	0.8381	0.6660	0.4944
texture	0.9891	0.0020	0.9895	0.9880	0.0156

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.9804	0.0196	0.9798	0.9596	0.1335
thoracic	0.7234	0.2766	0.4198	-0.1594	0.8201
thrombin	0.9529	0.0471	0.5852	0.1594	0.5332
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7861	0.2139	0.6855	0.3596	0.7443
tis10%	0.7313	0.2687	0.5750	0.1352	0.8303
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.5294	0.2353	0.4735	0.3704	0.4136
toxicity	0.5294	0.4706	0.5218	0.0423	0.9411
toxicity-13f	0.6471	0.3529	0.5858	0.1639	0.8952
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7600	0.2400	0.6213	0.2241	0.7880
trec11-wc	0.3902	0.1355	0.4443	0.2316	0.5085
trec12-wc	0.4194	0.1452	0.4391	0.2955	0.4268
trec21-wc	0.6364	0.1212	0.2181	0.2143	0.4372
trec23-wc	0.4286	0.1905	0.3276	0.2270	0.5214
trec31-wc	0.4194	0.1659	0.3064	0.1876	0.5132
trec41-wc	0.4318	0.1136	0.2331	0.2812	0.5133
trec45-wc	0.2609	0.1478	0.1488	0.1140	0.5900
tuandromd	0.9552	0.0448	0.9294	0.8584	0.3016
turkish	0.7000	0.1500	0.6948	0.6000	0.3075
tvnews	0.8324	0.1676	0.8159	0.6277	0.6011
tvnews1%	0.8846	0.1154	0.8750	0.7446	0.4558
tvnews10%	0.8365	0.1635	0.8220	0.6429	0.6022
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9646	0.0354	0.6787	0.0690	0.1045
urban	0.7761	0.0498	0.7922	0.7367	0.1619
urinalysis	0.9371	0.0629	0.5952	0.1561	0.5820
url-rep1%	0.6694	0.3306	0.6310	0.0197	0.4637
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7738	0.1131	0.7357	0.6947	0.2074
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9070	0.0930	0.9069	0.8139	0.4119
vowel	0.6162	0.0698	0.6124	0.5778	0.2067
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.5869	0.0102	0.2540
wap-wc	0.3205	0.0679	0.1639	0.2077	0.5280
warpar10p	0.7692	0.0462	0.8153	0.7451	0.0569
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.6616	0.0967	0.6489	0.6030	0.3954
watch-acc1%	0.6685	0.0947	0.6541	0.6112	0.3788
watch-acc10%	0.6714	0.0939	0.6593	0.6145	0.3745
watch-gyr	0.5498	0.1286	0.5340	0.4730	0.4754
watch-gyr1%	0.5480	0.1291	0.5334	0.4710	0.4815
watch-gyr10%	0.5426	0.1307	0.5281	0.4646	0.4820
water_pollution	0.2100	0.3950	0.2110	-0.0536	0.8904
waveform	0.8060	0.1293	0.8065	0.7091	0.4194
weather-related	0.9500	0.0091	0.9537	0.9433	0.0659
web-phishing	0.8370	0.1086	0.6711	0.7031	0.3987
Weekly	0.9537	0.0463	0.9536	0.9057	0.2310
weight-lift	0.5735	0.1706	0.5544	0.4555	0.5865
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9752	0.0248	0.8553	0.7016	0.3370
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6101	0.1300	0.2769	0.3568	0.3852
winequality-white	0.5440	0.1303	0.2672	0.2787	0.4510
winnipeg	0.9656	0.0098	0.9489	0.9564	0.0683
winnipeg10%	0.9681	0.0091	0.9491	0.9596	0.0583
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.5625	0.0583	0.5320	0.5333	0.1196
yeast	0.5405	0.0919	0.3352	0.4075	0.3920
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.8871	0.0226	0.8789	0.8733	0.1629

Table 291: Detailed results for ELM(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1301	0.0828	0.0932	0.0390	0.5878
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.8963	0.1037	0.7479	0.4370	0.4636
adult	0.8430	0.1570	0.7661	0.5206	0.6232
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8000	0.2000	0.5539	0.0801	0.7395
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red	0.7778	0.2222	0.4375	-0.1163	0.8180
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red	0.5714	0.4286	0.6818	0.2222	0.4422
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.6098	0.2105	0.8520
AID644red	0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.5303	0.0526	0.7987
AID721red	0.2222	0.7778	0.1818	-0.4651	0.7939
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8357	0.1643	0.7598	0.5066	0.6328
air_pollution	0.4033	0.1705	0.1371	0.0047	0.4109
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8753	0.1247	0.8727	0.7449	0.4991
alcohol	0.7429	0.1029	0.2571	0.3742	0.2793
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.8140	0.1860	0.7926	0.5830	0.6522
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9541	0.0229	0.7085	0.9119	0.1227
anuran-genus	0.9471	0.0132	0.7523	0.9115	0.1174
anuran-species	0.9528	0.0094	0.8317	0.9337	0.0712
anxiety	0.0917	0.2019	0.1006	-0.0215	0.8351
apple-quality	0.8000	0.2000	0.8005	0.6000	0.6609
aps-failure	0.9872	0.0128	0.7799	0.5021	0.2614
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.5500	0.4500	0.5410	0.0816	0.9582
arrhythmia	0.6667	0.0667	0.3315	0.4042	0.2614
auction	0.9167	0.0833	0.7857	0.5029	0.3364
audiology	0.7273	0.0496	0.6255	0.6658	0.1385
audit-risk	0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent	0.6364	0.3636	0.6071	0.2143	0.9011
autism-adult	0.8857	0.1143	0.8610	0.7203	0.5268
autism-child	0.7586	0.2414	0.7595	0.5178	0.7328
autos	0.8000	0.0800	0.7609	0.7297	0.1390
avila	0.5922	0.0680	0.5493	0.4064	0.3354
babies	0.4516	0.1567	0.1527	0.1486	0.5283
balance	0.8548	0.0968	0.5892	0.7270	0.2658
bank	0.9031	0.0969	0.7112	0.3926	0.5695
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9606	0.9180	0.2092
barleyblumeria	0.8986	0.1014	0.8903	0.7710	0.3839
basehock	0.6583	0.3417	0.6583	0.3166	0.8711
bio	0.9949	0.0051	0.8301	0.5967	0.0624
bio10%	0.9945	0.0055	0.8167	0.5975	0.2371
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	0.7619	0.2381	0.7419	0.4560	0.6789
bitcoin	0.9858	0.0013	0.0451	-0.0000	0.0145
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5500	0.2250	0.5335	0.4000	0.4992
bookings	0.9516	0.0323	0.6348	0.8971	0.1323
brain-tumor	0.4965	0.5035	0.4965	-0.0071	1.0000
breast-cancer	0.6429	0.3571	0.5625	0.1250	0.8994
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue	0.4545	0.1818	0.3881	0.3333	0.2494
bridges	0.3000	0.2333	0.1710	0.1026	0.3310
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.3750	0.6250	0.2727	-0.4286	1.0000
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4740	0.3507	0.3119	-0.0056	0.5529
car	0.8851	0.0575	0.6495	0.7377	0.2811
car-insurance	0.8280	0.1720	0.7980	0.5958	0.6428
card	0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography	0.7559	0.0488	0.6723	0.7015	0.2034
cardiotocography-nsp	0.8920	0.0720	0.8087	0.6667	0.2643
cardiovascular	0.7192	0.2808	0.7199	0.4383	0.7917
cargo2k	0.9873	0.0085	0.9875	0.9810	0.0420
cars	0.6750	0.2167	0.5932	0.4304	0.6228
cas_N6512_cdk_ECFP2	0.6237	0.3763	0.6187	0.2358	0.9061
cas_N6512_rdkit_ATOMPAIR	0.6446	0.3554	0.6407	0.2804	0.8859
cas_N6512_RDkit_AtomPair_FP	0.6380	0.3620	0.6344	0.2683	0.8934
cas_N6512_rdkit_AVALON	0.7112	0.2888	0.7087	0.4172	0.8073
cas_N6512_RDkit_Avalon_FP	0.6886	0.3114	0.6861	0.3720	0.8366
cas_N6512_rdkit_descriptors	0.7246	0.2754	0.7244	0.4482	0.7864
cas_N6512_rdkit_FEATMORGAN	0.6098	0.3902	0.6043	0.2068	0.9186
cas_N6512_RDkit_Featmorgan_FP	0.6641	0.3359	0.6601	0.3166	0.8596
cas_N6512_RDkit_FP	0.6641	0.3359	0.6601	0.3173	0.8608
cas_N6512_rdkit_LAYERED	0.6662	0.3338	0.6638	0.3275	0.8633
cas_N6512_RDkit_Layered_FP	0.6779	0.3221	0.6744	0.3471	0.8471

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7312	0.2688	0.7287	0.4568	0.7786
cas_N6512_RDkit_MACCS_FP	0.7393	0.2607	0.7385	0.4767	0.7665
cas_N6512_rdkit_MORGAN	0.6415	0.3585	0.6368	0.2706	0.8853
cas_N6512_RDkit_morgan_FP	0.5874	0.4126	0.5819	0.1626	0.9393
cas_N6512_rdkit_PATTERN	0.6708	0.3292	0.6701	0.3398	0.8560
cas_N6512_RDkit_pattern_FP	0.7055	0.2945	0.7060	0.4109	0.8106
cas_N6512_rdkit_RDKITFP	0.6728	0.3272	0.6702	0.3402	0.8556
cas_N6512_rdkit_TORSION	0.6200	0.3800	0.6148	0.2276	0.9085
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8468	0.1021	0.4123	0.0958	0.2543
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7409	0.2591	0.7031	0.3959	0.7688
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9366	0.0634	0.6631	0.0156	0.1615
census10%	0.9415	0.0585	0.6697	0.0412	0.1524
central-nervous-system	0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9302	0.0698	0.6067	0.2134	0.6362
cervical-S	0.9302	0.0698	0.7711	0.5343	0.5353
children-anemia	0.6910	0.1545	0.4889	0.5156	0.2851
chrom19	0.9995	0.0005	0.8424	0.6613	0.2188
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9992	0.0008	0.7736	0.5329	0.3910
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8210	0.1790	0.6696	0.2618	0.5952
churn-bigml	0.8614	0.1386	0.6385	0.1716	0.5215
ci900367j_MACCS	0.7474	0.2526	0.7229	0.4326	0.7421
circles	0.8720	0.0026	0.8862	0.8707	0.0327
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	0.9786	0.0071	0.9783	0.9738	0.0359
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7574	0.1213	0.4895	0.5969	0.2590
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.2500	0.5000	0.2074	-0.1739	0.7308
cm1	0.8200	0.1800	0.4505	-0.0976	0.7500
cmc	0.5238	0.3175	0.5010	0.2425	0.7217
cnae-9	0.7778	0.0494	0.7799	0.7500	0.2357
codon_usage	0.8051	0.0354	0.4279	0.7591	0.1930
coil20	0.9236	0.0076	0.9215	0.9196	0.0450
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.3000	0.0933	0.2302	0.2152	0.3693
colon-tumor	0.6667	0.3333	0.6250	0.2500	0.8750
colposcopies-1	0.6897	0.3103	0.6650	0.3290	0.8399
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.7586	0.2414	0.7549	0.5085	0.7375
colposcopies-4	0.5862	0.4138	0.5196	0.0387	0.9049
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.6897	0.3103	0.6913	0.3741	0.8142
colposcopies-c	0.7586	0.2414	0.6545	0.3072	0.7986
column-2c	0.8065	0.1935	0.8110	0.5991	0.6096
column-3c	0.7097	0.1935	0.6242	0.5319	0.4028

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5199	0.4557	0.5167	0.0276	0.7912
comedy_comparisons1%	0.4943	0.5057	0.4879	-0.0231	0.9922
comedy_comparisons10%	0.5128	0.4872	0.5023	0.0035	0.9152
connect-4	0.9822	0.0118	0.6151	0.3608	0.0355
cottonmeloidogyne	0.7500	0.2500	0.7501	0.5000	0.7497
coupon	0.6625	0.3375	0.6524	0.3037	0.8694
covid19	0.5399	0.1315	0.2153	0.1714	0.3401
covtype	0.7058	0.0840	0.4488	0.5130	0.3458
covtype10%	0.7065	0.0838	0.5028	0.5148	0.3586
covtypeCD	0.9453	0.0547	0.8759	0.7414	0.3305
covtypeT	0.9439	0.0561	0.7363	0.4263	0.4471
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9992	0.0008	0.8776	0.7496	0.2675
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8737	0.0421	0.6127	0.7193	0.1825
cryotherapy	0.7778	0.2222	0.7750	0.5500	0.7072
cultivars	0.5312	0.0293	0.4798	0.5161	0.0874
customer-churn	0.9792	0.0208	0.5944	0.0521	0.2409
cybersecurity	0.1533	0.2822	0.1484	-0.0182	0.8882
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.6852	0.3148	0.6722	0.3377	0.8337
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dating	0.1032	0.1794	0.1033	0.0034	0.9252
day1%	0.6561	0.3439	0.6053	0.0583	0.5593
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8080	0.1920	0.6704	0.2580	0.5951
defect	0.8642	0.1358	0.7122	0.2339	0.2799
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8994	0.1006	0.7039	0.3644	0.5508
depressed	0.8112	0.1888	0.4479	-0.0387	0.6702
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.7500	0.1667	0.5455	0.5556	0.2962
dexter	0.5167	0.4833	0.5169	0.0333	0.9853
df_final	0.6250	0.2500	0.6735	0.4146	0.4478
DIA	0.7167	0.2833	0.6138	0.2273	0.8427
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9321	0.0679	0.7385	0.3212	0.2084
diabetes-risk	0.8691	0.1309	0.7803	0.5304	0.5223
diabetic	0.5389	0.3074	0.3320	0.0250	0.4706
diabetic1%	0.5000	0.3333	0.3204	0.0268	0.5702
diabetic10%	0.5393	0.3071	0.3433	0.0505	0.5191
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8667	0.0667	0.6919	0.8108	0.1231
diamonds_all	0.6055	0.1578	0.4364	0.4067	0.4247
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.6000	0.1892	0.8935
dlbcl-stanford	0.8000	0.2000	0.8077	0.5455	0.4011
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5872	0.4128	0.5834	0.1645	0.9356
dota210%	0.5699	0.4301	0.5667	0.1328	0.9533
drebin	0.9481	0.0519	0.9442	0.8883	0.2815
dropout	0.7630	0.1580	0.6656	0.5903	0.4232

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3777	0.1778	0.1666	0.0280	0.5202
drug-02	0.5479	0.1292	0.3136	0.1953	0.5167
drug-03	0.6755	0.1082	0.1583	0.0158	0.3582
drug-04	0.5053	0.1413	0.1725	0.0853	0.5731
drug-05	0.7287	0.0775	0.1208	0.0052	0.2297
drug-06	0.4202	0.1657	0.2507	0.2582	0.4700
drug-07	0.4628	0.1791	0.1976	0.1093	0.4582
drug-08	0.5479	0.1292	0.1997	0.1135	0.4375
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5319	0.1337	0.1942	0.1386	0.5077
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7872	0.0709	0.1468	-0.0071	0.2395
drug-13	0.6117	0.1109	0.1975	0.2412	0.3641
drug-14	0.5957	0.1155	0.2307	0.2524	0.5120
drug-15	0.7553	0.0699	0.1883	0.0238	0.3644
drug-16	0.5798	0.1401	0.2851	0.2905	0.4915
drug-17	0.3564	0.1839	0.2828	0.1148	0.5737
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9148	0.0244	0.9309	0.8969	0.1304
ecoli	0.7647	0.0784	0.5284	0.6711	0.1966
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU	0.9394	0.0606	0.8755	0.7179	0.5000
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3200	0.3400	0.3210	0.0939	0.8155
eeg	0.3711	0.0786	0.3600	0.2959	0.5724
eeg-eye	0.7263	0.2737	0.7220	0.4374	0.7734
eeg10%	0.3570	0.0804	0.3468	0.2797	0.5245
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5616	0.1753	0.5250	0.4340	0.4436
euthyroid	0.9272	0.0728	0.7609	0.3855	0.1818
exon.vs.intron-freq	0.8983	0.1017	0.9006	0.7970	0.4183
exon.vs.intron-freq10%	0.8934	0.1066	0.8948	0.7870	0.4403
fakenews	0.5175	0.4825	0.5177	0.0353	0.9893
farm-ads	0.6618	0.3382	0.6594	0.3183	0.8677
fbis-wc	0.5285	0.0555	0.3661	0.4432	0.3567
fertility	0.7000	0.3000	0.7143	0.2857	0.4422
finance	0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk	0.6730	0.1090	0.3681	0.4290	0.2839
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.3000	0.2000	0.1389	0.0759	0.4057
fonts	0.2592	0.0097	0.0244	0.1863	0.3700
fonts10%	0.2620	0.0096	0.0210	0.1882	0.3631
forest	0.8462	0.0769	0.8378	0.7875	0.2281
gas	0.9569	0.0144	0.9523	0.9477	0.0836
gastrointestinal	0.5625	0.2917	0.5236	0.3253	0.6292
gender	0.5916	0.2723	0.3701	0.1193	0.5364
gene	0.8297	0.1136	0.8073	0.7242	0.3912
german	0.6800	0.3200	0.6206	0.2252	0.8466
gestures	0.3236	0.3382	0.3216	0.0983	0.8184
gina	0.7983	0.2017	0.7982	0.5962	0.6672
gisette	0.7971	0.2029	0.7972	0.5943	0.6696
glass	0.5238	0.1587	0.3712	0.3092	0.3740
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.6190	0.3810	0.5962	0.1923	0.9155
glassBWNFP	0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers	0.9091	0.0909	0.7250	0.4500	0.6330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.8095	0.1905	0.7070	0.3913	0.6840
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.7619	0.2381	0.4324	-0.0825	0.3983
GlaucomaM	0.7368	0.2632	0.7449	0.4633	0.6993
gli_85	0.7500	0.2500	0.6667	0.3333	0.7987
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8571	0.1429	0.8571	0.7108	0.5408
green	0.4000	0.6000	0.3902	-0.2000	0.9308
grub-damage	0.4667	0.2667	0.5396	0.2982	0.4612
gsalc	0.6667	0.1111	0.5691	0.5846	0.1428
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.8564	0.0239	0.6075	0.8296	0.1333
har	0.7176	0.1129	0.7108	0.6397	0.4167
har70	0.7767	0.0638	0.4464	0.6430	0.1858
har701%	0.7863	0.0611	0.4537	0.6621	0.1911
har7010%	0.7772	0.0637	0.4458	0.6445	0.1862
harth	0.6859	0.0523	0.3086	0.5452	0.2261
harth1%	0.6855	0.0524	0.3080	0.5453	0.2345
harth10%	0.6869	0.0522	0.3096	0.5477	0.2313
hayes-roth	0.2500	0.5000	0.1803	-0.2468	0.6397
hcc-survival	0.4118	0.5882	0.3604	-0.2687	1.0000
health-activity	0.7500	0.1250	0.2143	-0.0305	0.3328
heart	0.7778	0.2222	0.7794	0.5525	0.6913
heart-attack	0.7742	0.2258	0.7815	0.5526	0.6797
heart-c	0.7667	0.2333	0.7652	0.5291	0.7212
heart-failure	0.8580	0.1420	0.8334	0.6664	0.5736
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass	0.8345	0.1655	0.8345	0.6691	0.5949
hepmass1%	0.8359	0.1641	0.8359	0.6718	0.5920
hepmass10%	0.8345	0.1655	0.8345	0.6689	0.5950
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.6427	0.3573	0.6397	0.2751	0.8800
higgs0.1%	0.6573	0.3427	0.6545	0.3064	0.8682
higgs1%	0.6436	0.3564	0.6407	0.2750	0.8744
higgs10%	0.6445	0.3555	0.6419	0.2789	0.8769
higher	0.2143	0.1964	0.1215	0.0888	0.3523
hinselmann	0.7000	0.3000	0.7521	0.4000	0.5239
hitters	0.8125	0.1875	0.8128	0.6206	0.6242
hiv1-proteasa	0.8870	0.1130	0.7740	0.5048	0.4737
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.5184	0.3271	0.6429
hotel-reservartions	0.8203	0.1797	0.7890	0.5713	0.6347
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.7261	0.1826	0.7296	0.5892	0.5151
ht-sensor10%	0.7116	0.1923	0.7158	0.5678	0.5232
htru2	0.9771	0.0229	0.9280	0.8523	0.2052
hypothyroid	0.9231	0.0385	0.3873	0.3619	0.1933
hypothyroidT	0.9390	0.0610	0.7437	0.3251	0.1589
ilpd	0.6949	0.3051	0.5747	0.1352	0.8563
immuno-therapy	0.2222	0.7778	0.3214	-0.1887	0.7422
instagram	0.9307	0.0347	0.9323	0.9076	0.1350
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.8000	0.1333	0.7722	0.6939	0.2545
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.7933	0.0159	0.7992	0.7851	0.1724

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8173	0.1827	0.6327	0.1722	0.5886
jvowels	0.9217	0.0174	0.9210	0.9111	0.1046
kc1	0.8483	0.1517	0.6413	0.2369	0.6498
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.3077	0.2769	0.1143	-0.0086	0.4066
kc1-class-level-top5percentDF	0.7333	0.2667	0.4231	-0.1111	0.4921
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.2294	0.2202	0.2297	0.1002	0.8148
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9957	0.0004	0.3611	0.9926	0.0216
kddcup991%	0.9945	0.0008	0.6659	0.9907	0.0242
kddcup9910%	0.9952	0.0005	0.5341	0.9918	0.0416
kepler	0.8316	0.1123	0.7827	0.7202	0.2485
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9750	0.0250	0.9737	0.9459	0.1112
krkopt	0.3497	0.0723	0.3010	0.2578	0.5145
krvskp	0.9373	0.0627	0.9372	0.8744	0.3136
la1s-wc	0.3587	0.2138	0.2423	0.1483	0.6304
la2s-wc	0.3510	0.2163	0.2645	0.1304	0.6508
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0256	0.6938	0.6915	0.0862
led24	0.5500	0.1000	0.5598	0.4915	0.2165
lenses	0.0000	0.6667	0.0000	-0.5000	0.6046
letter	0.7085	0.0224	0.7143	0.6967	0.2723
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.7500	0.0333	0.7722	0.7322	0.1195
linkage	0.9999	0.0001	0.9896	0.9790	0.0039
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9999	0.0001	0.9940	0.9879	0.0006
liver	0.7059	0.2941	0.6808	0.3585	0.8145
loan	0.9368	0.0632	0.9330	0.8659	0.3287
localization	0.4150	0.1064	0.1683	0.1841	0.4331
localization10%	0.3956	0.1099	0.1728	0.1576	0.4394
lrs	0.8302	0.0485	0.6237	0.7603	0.1244
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	0.7500	0.1000	0.7070	0.6863	0.1228
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8500	0.0600	0.6795	0.6703	0.2274
lung-cancer-harvard2	0.8889	0.1111	0.8000	0.6000	0.5944
lung-cancer-michigan	0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.6429	0.2381	0.4327	0.3137	0.4638
lymphoma2	0.3333	0.2222	0.2500	0.1818	0.3387
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5885	0.4115	0.5885	0.1769	0.9385
magic04	0.8096	0.1904	0.7848	0.5609	0.6427
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7917	0.2083	0.7909	0.5817	0.6807
marketing	0.8661	0.1339	0.6762	0.3116	0.6185
maternal	0.6733	0.2178	0.6801	0.4974	0.5266
math	0.7250	0.1375	0.7030	0.5699	0.3686
mba	0.8306	0.1129	0.3545	0.0244	0.3128
mental-disorders	0.4167	0.2917	0.4082	0.2222	0.3983
mental-health	0.2000	0.3200	0.1998	-0.0009	0.8772

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.7565	0.2435	0.7571	0.5114	0.7335
meter-A	0.8750	0.1250	0.8730	0.7143	0.3145
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.6774	0.7632	0.1343
meter-D	0.6111	0.1944	0.5281	0.4474	0.3673
mfeat-fac	0.9750	0.0050	0.9758	0.9722	0.0288
mfeat-fou	0.7600	0.0480	0.7576	0.7333	0.2167
mfeat-kar	0.9350	0.0130	0.9366	0.9278	0.0771
mfeat-mor	0.7200	0.0560	0.7251	0.6889	0.1891
mfeat-pix	0.9250	0.0150	0.9261	0.9167	0.0925
mfeat-zer	0.8000	0.0400	0.7973	0.7778	0.1377
mice-prot	0.9907	0.0023	0.9914	0.9894	0.0120
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.4934	0.4087	0.4790
mobile	0.6469	0.0126	0.6636	0.6404	0.1492
monks-1	0.4545	0.5455	0.4550	-0.0898	1.0000
monks-2	0.6557	0.3443	0.6231	0.2460	0.8806
monks-3	0.8571	0.1429	0.8645	0.7117	0.4655
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9963	0.0037	0.9963	0.9926	0.0289
music	0.4622	0.0978	0.4069	0.3350	0.4987
musk	0.9182	0.0818	0.8288	0.6124	0.3073
MUT_ci300400a_cdk_ECFP2	0.6763	0.3237	0.6592	0.3107	0.8450
MUT_ci300400a_cdk_ECFP4	0.6611	0.3389	0.6474	0.2939	0.8731
MUT_ci300400a_cdk_ECFP6	0.6443	0.3557	0.6235	0.2385	0.8795
MUT_ci300400a_cdk_ESTATE	0.7158	0.2842	0.7049	0.4087	0.8049
MUT_ci300400a_cdk_EXTENDED	0.6906	0.3094	0.6760	0.3479	0.8335
MUT_ci300400a_cdk_FCFP2	0.6850	0.3150	0.6707	0.3388	0.8431
MUT_ci300400a_cdk_FCFP4	0.6583	0.3417	0.6398	0.2733	0.8686
MUT_ci300400a_cdk_FCFP6	0.6103	0.3897	0.5881	0.1727	0.9214
MUT_ci300400a_cdk_MACCS	0.7290	0.2710	0.7170	0.4288	0.7785
MUT_ci300400a_cdk_PUBCHEM	0.7269	0.2731	0.7161	0.4309	0.7889
MUT_ci300400a_cdk_STANDARD	0.7138	0.2862	0.7014	0.4002	0.8055
MUT_ci300400a_rdkit_descriptors	0.7807	0.2193	0.7757	0.5514	0.7043
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9403	0.0597	0.9409	0.8807	0.2932
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA	0.8873	0.0119	0.3333	0.6621	0.2201
ncRNA1%	0.8849	0.0121	0.2958	0.6544	0.2132
ncRNA10%	0.8877	0.0118	0.3125	0.6637	0.2105
neo	0.9042	0.0958	0.6232	0.0504	0.3018
new-thyroid	0.9048	0.0635	0.8198	0.7879	0.0714
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.1502	0.0386	0.0840	0.1033	0.5497
newspop	0.6473	0.3527	0.6447	0.2887	0.8831
NHANES_age_prediction	0.9427	0.0573	0.8863	0.7612	0.3029
nomao	0.9234	0.0766	0.9063	0.8126	0.4024
NPHA-doctor-visits	0.5139	0.3241	0.4667	0.0526	0.5650
nursery	0.9020	0.0490	0.6853	0.8548	0.1415
obesity	0.7014	0.0853	0.6885	0.6516	0.3082
obs	0.9352	0.0324	0.9531	0.9031	0.1093
occupancy	0.9883	0.0117	0.9840	0.9677	0.1315
Occupancy_Estimation	0.9862	0.0069	0.9564	0.9576	0.0423
oh0-wc	0.3663	0.1267	0.3376	0.2556	0.5499
oh10-wc	0.2571	0.1486	0.2399	0.1510	0.6824
oh15-wc	0.3370	0.1326	0.2423	0.2307	0.5765
oh5-wc	0.2857	0.1429	0.2887	0.1826	0.5753

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.2151	0.1570	0.1893	0.1051	0.7449
olive	0.9298	0.0156	0.9215	0.9118	0.0396
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9413	0.0117	0.9432	0.9347	0.0815
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P	0.5000	0.1000	0.4444	0.4444	0.1233
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8041	0.1959	0.7756	0.5471	0.6715
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8964	0.7926	0.4411
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9616	0.0154	0.7876	0.7555	0.1045
parkinson	0.9500	0.0500	0.9488	0.8972	0.2733
parkinsons	0.8199	0.1801	0.8120	0.6230	0.6364
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.9010	0.0990	0.8746	0.7473	0.4572
particle10%	0.8977	0.1023	0.8708	0.7404	0.4725
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.5206	0.4794	0.4750	-0.0459	0.9855
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8158	0.1842	0.7328	0.4510	0.6737
pediatric-leukemia	0.3529	0.1849	0.2413	0.1983	0.5337
pendigits	0.9654	0.0069	0.9662	0.9616	0.0509
period	0.3333	0.6667	0.2500	0.0000	0.5000
period-10f	0.2222	0.7778	0.2500	-0.4000	0.9533
persistency	0.8192	0.1808	0.8050	0.6088	0.6374
personalities	0.8710	0.0161	0.8714	0.8624	0.1868
pet-adoption	0.8650	0.1350	0.8458	0.6911	0.5498
phishing	0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL	0.9720	0.0280	0.9714	0.9428	0.1748
PhiUSIIL10%	0.9809	0.0191	0.9805	0.9610	0.1286
phone-acc	0.5298	0.1344	0.4992	0.4501	0.4194
phone-acc0.1%	0.5299	0.1343	0.4797	0.4494	0.4457
phone-acc1%	0.5343	0.1330	0.4994	0.4549	0.4210
phone-acc10%	0.5328	0.1335	0.4983	0.4533	0.4320
phone-gyr	0.4100	0.1686	0.4165	0.3118	0.4522
phone-gyr0.1%	0.4178	0.1663	0.4206	0.3204	0.4784
phone-gyr1%	0.4115	0.1681	0.4103	0.3129	0.4635
phone-gyr10%	0.4105	0.1684	0.4139	0.3122	0.4704
phoneme	0.8426	0.1574	0.8005	0.5989	0.6182
phy	0.6970	0.3030	0.6970	0.3939	0.8248
pima	0.6842	0.3158	0.6560	0.2808	0.7925
pirvision	0.9458	0.0361	0.8849	0.8087	0.1235
placement	0.7910	0.2090	0.7850	0.5700	0.6868
plant-growth	0.6842	0.3158	0.6910	0.3736	0.8166
plrx	0.5556	0.4444	0.4462	-0.1077	0.9442
poker	0.4997	0.1112	0.1089	0.0017	0.1982
poker1%	0.4829	0.1477	0.1373	0.0015	0.3195
poker10%	0.4973	0.1257	0.1213	0.0025	0.2449
polish-1st	0.9630	0.0370	0.6786	0.0689	0.1081
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6334	0.1495	0.4111
polya	0.7762	0.2238	0.7501	0.4966	0.7196
popularity	0.6618	0.2255	0.4091	0.1895	0.4563
post-operative	0.6667	0.3333	0.6582	0.3077	0.8309
postures	0.8136	0.0746	0.8133	0.7669	0.2880
pred-tox_mutagen_ref-desc	0.5882	0.4118	0.5889	0.1765	0.9350
prestige	0.3333	0.4444	0.3241	0.0182	0.6389
primary-tumor	0.3939	0.0932	0.3439	0.3175	0.3054
processed	0.9317	0.0683	0.9227	0.8452	0.3632
profb	0.7463	0.2537	0.7032	0.4040	0.7813
promoters	0.5000	0.5000	0.4553	-0.0870	1.0000
prostate	0.6429	0.3571	0.6291	0.2553	0.8888
prostate_GE	0.7273	0.2727	0.7333	0.4590	0.7617
puc-rio	0.8806	0.0478	0.8335	0.8374	0.1702
puc-rio10%	0.8781	0.0488	0.8154	0.8342	0.1864
pufs-128	0.5007	0.4993	0.5007	0.0013	0.9996
pufs-1281%	0.4985	0.5015	0.4985	-0.0030	1.0000
pufs-12810%	0.5001	0.4999	0.5001	0.0003	0.9999
pufs-64	0.5007	0.4993	0.5007	0.0014	0.9990
pufs-641%	0.5046	0.4954	0.5046	0.0092	0.9972
pufs-6410%	0.5068	0.4932	0.5068	0.0136	0.9961
pulsar	0.9800	0.0200	0.9381	0.8707	0.1303
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rcv1	0.2295	0.0310	0.0059	-0.0225	0.2731
rcv11%	0.2667	0.0358	0.0442	0.0950	0.4498
rcv110%	0.2855	0.0286	0.0384	0.1068	0.3946
re0-wc	0.4600	0.0831	0.1151	0.1969	0.3956
re1-wc	0.3735	0.0501	0.1465	0.2418	0.3739
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9859	0.0141	0.9860	0.9716	0.0806
reuters21578	0.4699	0.0221	0.0212	0.1303	0.2657
rice	0.9890	0.0110	0.9889	0.9778	0.0768
rnaseq	0.9875	0.0050	0.9803	0.9835	0.0228
rocket	0.6299	0.3701	0.6042	0.2033	0.9023
RT_IOT2022	0.9803	0.0033	0.8529	0.9506	0.0214
satimage	0.8585	0.0472	0.8272	0.8238	0.1774
satimageF	0.9876	0.0124	0.9674	0.9342	0.1291
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.8571	0.0571	0.7467	0.8056	0.0503
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5294	0.4706	0.5296	0.0588	0.9796
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.8096	0.1904	0.8069	0.6137	0.6485
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9134	0.0247	0.9226	0.8987	0.0940
segmentation	0.8564	0.1436	0.8407	0.6760	0.5404
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.5832	0.0279	0.3779
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-8-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-9-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sensorless	0.6012	0.0725	0.6212	0.5613	0.3170
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8824	0.1176	0.7348	0.4040	0.4834
shuttle	0.9798	0.0058	0.6293	0.9428	0.0507
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9856	0.0144	0.9791	0.9574	0.1640
skin10%	0.9845	0.0155	0.9776	0.9541	0.1726
smarket	0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming	0.3000	0.3500	0.3052	0.0662	0.7782
smk_can_187	0.5263	0.4737	0.5225	0.0447	0.9841
smoking	0.7477	0.2523	0.7358	0.4698	0.7591
soil_pollution	0.1867	0.3253	0.1842	-0.0183	0.8830
solar-flare	0.7626	0.0791	0.6701	0.6955	0.1860
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9510	0.0490	0.8454	0.6885	0.4445
spambase	0.9087	0.0913	0.9042	0.8061	0.3953
spect	0.6296	0.3704	0.5218	0.0426	0.8561
spectf	0.7714	0.2286	0.7585	0.5000	0.6967
spectrometer	0.3654	0.0470	0.2210	0.3249	0.2080
splice-EI	0.9085	0.0915	0.8793	0.7586	0.4693
splice-IE	0.8265	0.1735	0.7345	0.4458	0.6414
sport-articles	0.8400	0.1600	0.8254	0.6449	0.5756
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	0.9355	0.0645	0.9295	0.8591	0.3357
steel_industry	0.7874	0.1417	0.7399	0.6539	0.4098
steel-b	0.8564	0.1436	0.7669	0.5251	0.6179
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.8051	0.1949	0.7792	0.5526	0.6617
steel-p	0.9282	0.0718	0.7104	0.2078	0.1781
steel-s	0.9744	0.0256	0.8276	0.6534	0.4433
steel-z	0.9692	0.0308	0.9090	0.8164	0.3047
stellar	0.8594	0.0937	0.8400	0.7416	0.3334
stock	0.9097	0.0903	0.8348	0.6473	0.4069
stockb	0.9912	0.0059	0.9913	0.9868	0.0318
streaming	0.8020	0.1980	0.7994	0.5985	0.6624
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6100	0.1560	0.3503	0.3721	0.4469
student-depression	0.8305	0.1695	0.8241	0.6471	0.6057
student-habits	0.3700	0.2520	0.1734	0.0141	0.5760
student-weekend	0.3846	0.2462	0.2556	0.1495	0.7393
student-workday	0.7344	0.1062	0.2512	0.2718	0.2841
studentap	0.3077	0.4615	0.1905	-0.1038	0.7020
susy	0.7771	0.2229	0.7790	0.5422	0.6612
susy1%	0.7772	0.2228	0.7790	0.5424	0.6612
susy10%	0.7797	0.2203	0.7815	0.5477	0.6579
swarm_aligned	0.9788	0.0212	0.9760	0.9512	0.1657
swarm_flocking	0.9192	0.0808	0.9194	0.8385	0.3716
swarm_grouped	0.9388	0.0612	0.9344	0.8684	0.3087
tae	0.3333	0.4444	0.3542	0.0000	0.6564
telco-churn	0.9020	0.0980	0.8707	0.7385	0.4544
texture	0.9873	0.0023	0.9882	0.9860	0.0172

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.7447	0.2553	0.4964	-0.0071	0.8042
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8003	0.1997	0.6958	0.3403	0.6418
tis10%	0.7612	0.2388	0.6338	0.2496	0.7821
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5208	0.6098	0.1174
tox_171	0.6471	0.1765	0.6500	0.5256	0.3817
toxicity	0.4706	0.5294	0.4411	-0.1168	0.9859
toxicity-13f	0.8235	0.1765	0.8163	0.6277	0.6246
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.5184	0.0296	0.8440
trec11-wc	0.3902	0.1355	0.2149	0.2205	0.4234
trec12-wc	0.3548	0.1613	0.2777	0.2211	0.4643
trec21-wc	0.6667	0.1333	0.2386	0.1125	0.4825
trec23-wc	0.5238	0.1587	0.3024	0.3115	0.4524
trec31-wc	0.5591	0.1470	0.4523	0.3872	0.4729
trec41-wc	0.4773	0.1045	0.2994	0.3332	0.4218
trec45-wc	0.3623	0.1275	0.2378	0.2339	0.5018
tuandromd	0.9686	0.0314	0.9522	0.9042	0.2634
turkish	0.7250	0.1375	0.7279	0.6333	0.3499
tvnews	0.8548	0.1452	0.8416	0.6817	0.5588
tvnews1%	0.8923	0.1077	0.8839	0.7605	0.4199
tvnews10%	0.8728	0.1272	0.8617	0.7222	0.5130
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9646	0.0354	0.6787	0.0690	0.1045
urban	0.7910	0.0464	0.8082	0.7550	0.1648
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%	0.7112	0.2888	0.6629	0.1909	0.5647
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7381	0.1310	0.7075	0.6489	0.2405
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.6667	0.3333	0.6769	0.3333	0.7930
vote	0.9070	0.0930	0.9069	0.8139	0.4119
vowel	0.4444	0.1010	0.4693	0.3889	0.3082
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.3141	0.0686	0.1359	0.1963	0.4601
warpar10p	0.4615	0.1077	0.4282	0.4013	0.1960
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.6439	0.1017	0.6277	0.5828	0.4042
watch-acc1%	0.6156	0.1098	0.5962	0.5496	0.4288
watch-acc10%	0.6341	0.1045	0.6168	0.5712	0.4136
watch-gyr	0.4271	0.1637	0.4012	0.3280	0.4958
watch-gyr1%	0.4217	0.1652	0.3945	0.3222	0.4999
watch-gyr10%	0.4319	0.1623	0.4154	0.3343	0.5025
water_pollution	0.2567	0.3717	0.2586	0.0078	0.8571
waveform	0.8360	0.1093	0.8367	0.7541	0.3724
weather-related	0.9404	0.0108	0.9431	0.9323	0.0653
web-phishing	0.8370	0.1086	0.6749	0.6986	0.3476
Weekly	0.9352	0.0648	0.9369	0.8701	0.3015
weight-lift	0.6703	0.1319	0.6566	0.5794	0.4801
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9400	0.0300	0.9401	0.9200	0.1005

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9731	0.0269	0.8448	0.6838	0.3839
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6415	0.1195	0.3106	0.4114	0.3586
winequality-white	0.5399	0.1534	0.3221	0.2648	0.4447
winnipeg	0.9695	0.0087	0.9421	0.9614	0.0596
winnipeg10%	0.9666	0.0096	0.9309	0.9576	0.0579
wisc_bc	0.9474	0.0526	0.9443	0.8880	0.2925
yale	0.4375	0.0750	0.3659	0.3950	0.1539
yeast	0.5405	0.1021	0.4008	0.4048	0.4089
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1	0.9662	0.0338	0.7155	0.4272	0.5783
yeastME2	0.9459	0.0541	0.6564	0.3060	0.6026
zip	0.8892	0.0222	0.8817	0.8756	0.1511

Table 292: Detailed results for ExtraTrees

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1583	0.0580	0.0801	0.0737	0.5248
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9844	0.0156	0.7088	0.2387	0.1459
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9756	0.0244	0.9486	0.8970	0.2238
adult	0.8663	0.1337	0.8030	0.5956	0.5586
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7905	0.2095	0.5065	0.0086	0.7569
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.8738	0.1262	0.4663	-0.0669	0.6884
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9836	0.0164	0.4959	-0.0040	0.4515
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9972	0.0028	0.7519	0.3407	0.0134
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.6707	0.3056	0.7334
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.6185	0.0989	0.2402
aids	0.8920	0.1080	0.8488	0.6611	0.3310
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.9375	0.0625	0.9363	0.8727	0.3147
alcohol	0.7429	0.1029	0.4557	0.3085	0.2552
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9116	0.0884	0.9025	0.8013	0.3817
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9819	0.0090	0.9461	0.9654	0.0423
anuran-genus	0.9819	0.0045	0.9447	0.9702	0.0351
anuran-species	0.9875	0.0025	0.9796	0.9826	0.0191
anxiety	0.1000	0.2000	0.0700	-0.0178	0.7638
apple-quality	0.7500	0.2500	0.7510	0.5000	0.7443
aps-failure	0.9928	0.0072	0.8891	0.7719	0.2486
arabidopsis	0.9920	0.0080	0.6664	0.0201	0.0360
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.6690	0.0144	0.0319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.8444	0.0239	0.6236	0.7478	0.1444
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.8696	0.0109	0.4010	0.8510	0.0208
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7526	0.8667	0.0771
avila	0.9957	0.0007	0.9957	0.9944	0.0091
babies	0.4435	0.1590	0.1442	0.1126	0.4115
balance	0.9194	0.0538	0.6345	0.8480	0.1272
bank	0.9121	0.0879	0.7598	0.5137	0.5763
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8779	0.1221	0.8674	0.7221	0.4394
basehock	0.9849	0.0151	0.9849	0.9698	0.1051
bio	0.9968	0.0032	0.8999	0.7858	0.1187
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8857	0.1143	0.8780	0.7553	0.4788
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9884	0.0008	0.1189	0.3588	0.1584
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9866	0.0009	0.0879	0.1434	0.0954
body-perf	0.5530	0.2235	0.5556	0.4040	0.4089
bookings	0.9898	0.0068	0.6620	0.9783	0.0264
brain-tumor	0.4965	0.5035	0.4964	-0.0072	1.0000
breast-cancer	0.7857	0.2143	0.7206	0.4324	0.7241
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17	0.9094	0.0906	0.6576	0.0057	0.2088
bub12at310k-hg16-17	0.9199	0.0801	0.6902	0.2938	0.4503
bub8at310k-hg16-17	0.9183	0.0817	0.6879	0.3183	0.5132
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4910	0.3393	0.2835	-0.0033	0.3709
car	0.9540	0.0230	0.9397	0.9050	0.1976
car-insurance	0.8410	0.1590	0.8147	0.6293	0.6158
card	0.9275	0.0725	0.9263	0.8491	0.3160
cardiotocography	0.8685	0.0263	0.8448	0.8418	0.1508
cardiotocography-nsp	0.9577	0.0282	0.9246	0.8787	0.1184
cardiovascular	0.6418	0.3582	0.6434	0.2836	0.8804
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.7690	0.6875	0.4235
cas_N6512_cdk_ECFP2	0.5530	0.4470	0.5925	0.0333	0.5652
cas_N6512_rdkit_ATOMPAIR	0.5415	0.4585	0.5656	0.0077	0.5477
cas_N6512_RDkit_AtomPair_FP	0.5460	0.4540	0.6128	0.0179	0.5201
cas_N6512_rdkit_AVALON	0.6160	0.3840	0.6673	0.2639	0.7147
cas_N6512_RDkit_Avalon_FP	0.6150	0.3850	0.6652	0.2613	0.7204
cas_N6512_rdkit_descriptors	0.5446	0.4554	0.6115	0.0143	0.5202
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5399	0.4601	0.5478	0.0041	0.5479
cas_N6512_RDkit_FP	0.7699	0.2301	0.7711	0.5402	0.7125
cas_N6512_rdkit_LAYERED	0.7338	0.2662	0.7345	0.4677	0.7707
cas_N6512_RDkit_Layered_FP	0.7883	0.2117	0.7870	0.5740	0.6871

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7081	0.2919	0.7052	0.4090	0.8094
cas_N6512_RDkit_MACCS_FP	0.7224	0.2776	0.7218	0.4432	0.7904
cas_N6512_rdkit_MORGAN	0.6077	0.3923	0.6602	0.2485	0.7183
cas_N6512_RDkit_morgan_FP	0.5997	0.4003	0.6548	0.2343	0.7154
cas_N6512_rdkit_PATTERN	0.6215	0.3785	0.6576	0.2689	0.7754
cas_N6512_RDkit_pattern_FP	0.6488	0.3512	0.6848	0.3203	0.7421
cas_N6512_rdkit_RDKITFP	0.7696	0.2304	0.7693	0.5380	0.7178
cas_N6512_rdkit_TORSION	0.5431	0.4569	0.6101	0.0108	0.5205
ccds	0.9669	0.0331	0.7266	0.2987	0.1886
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9630	0.0370	0.6780	0.0665	0.1082
cdc_diabetes	0.8503	0.0998	0.4248	0.1665	0.2880
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7150	0.2850	0.7109	0.4130	0.7802
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6744	0.0561	0.1301
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9501	0.0499	0.7490	0.4614	0.4453
census10%	0.9529	0.0471	0.7442	0.4426	0.4229
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8333	0.0833	0.7811	0.7439	0.2097
chrom19	0.9998	0.0002	0.9337	0.8600	0.0515
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9993	0.0007	0.8154	0.6247	0.3778
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8490	0.1510	0.7355	0.4224	0.5582
churn-bigml	0.8914	0.1086	0.7456	0.4071	0.4116
ci900367j_MACCS	0.6842	0.3158	0.6572	0.2192	0.6561
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4587	0.3710	0.4457
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8185	0.0907	0.7014	0.7138	0.3254
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5714	0.2857	0.5565	0.3209	0.6541
cnae-9	0.9537	0.0103	0.9551	0.9479	0.0519
codon_usage	0.8450	0.0282	0.7057	0.8095	0.1649
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.7586	0.2414	0.7549	0.5085	0.7375
colposcopies-4	0.7586	0.2414	0.6866	0.3715	0.7831
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.8065	0.1290	0.7609	0.6847	0.2903

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5306	0.4567	0.5135	0.0309	0.7544
comedy_comparisons1%	0.5180	0.4820	0.5183	0.0024	0.5764
comedy_comparisons10%	0.5175	0.4825	0.5214	0.0005	0.5363
connect-4	0.9864	0.0091	0.7347	0.6196	0.2415
cottonmeloidogyne	0.7212	0.2788	0.7237	0.4414	0.7767
coupon	0.7744	0.2256	0.7684	0.5316	0.7012
covid19	0.5396	0.1315	0.2176	0.1630	0.3273
covtype	0.9651	0.0100	0.9405	0.9439	0.1003
covtype10%	0.8929	0.0306	0.8250	0.8256	0.2169
covtypeCD	0.9940	0.0060	0.9873	0.9746	0.0721
covtypeT	0.9852	0.0148	0.9414	0.8818	0.2095
crabs	0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans	0.9995	0.0005	0.9170	0.8233	0.0784
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9355	0.0215	0.8337	0.8630	0.1336
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.6250	0.0187	0.4805	0.6160	0.0440
customer-churn	0.9806	0.0194	0.6651	0.1803	0.2550
cybersecurity	0.1667	0.2778	0.1693	-0.0068	0.8067
cyclopentane	0.6667	0.3333	0.6582	0.3077	0.8482
cylinder-bands	0.7778	0.2222	0.7839	0.5186	0.5577
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0968	0.1806	0.0844	-0.0047	0.7547
day1%	0.9708	0.0292	0.9691	0.9373	0.1930
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8270	0.1730	0.7158	0.4000	0.6406
defect	0.9414	0.0586	0.8851	0.7492	0.2333
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9029	0.0971	0.7411	0.4755	0.6008
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.3667	0.0588	0.6762
dexter	0.9000	0.1000	0.9036	0.8000	0.3911
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.5708	0.0625	0.6318
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k	0.9645	0.0355	0.8761	0.7184	0.1088
diabetes-risk	0.8905	0.1095	0.8201	0.6162	0.4528
diabetic	0.5395	0.3070	0.3685	0.0029	0.3668
diabetic1%	0.5686	0.2876	0.4391	0.1183	0.4947
diabetic10%	0.5403	0.3065	0.4088	0.0082	0.3985
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.4555	0.2178	0.4172	0.1219	0.3470
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.4583	0.5417	0.4144	-0.1642	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.6326	0.0071	0.0267
dorothea	0.9565	0.0435	0.8629	0.7138	0.3320
dota2	0.5659	0.4341	0.5632	0.1263	0.9571
dota210%	0.5456	0.4544	0.5434	0.0868	0.9719
drebin	0.9341	0.0659	0.9308	0.8605	0.3402
dropout	0.7765	0.1490	0.6901	0.6229	0.4380

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3830	0.1763	0.1340	0.0239	0.5011
drug-02	0.5213	0.1368	0.2241	0.1762	0.6276
drug-03	0.6968	0.0866	0.1961	0.1135	0.3224
drug-04	0.5106	0.1398	0.2099	0.1212	0.5898
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3883	0.1748	0.2829	0.2292	0.5961
drug-07	0.4043	0.1702	0.1426	0.0236	0.4510
drug-08	0.5638	0.1246	0.2280	0.1478	0.4381
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5585	0.1261	0.1845	0.1396	0.4611
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6223	0.1079	0.1763	0.2249	0.3574
drug-14	0.6011	0.1140	0.2535	0.2745	0.4692
drug-15	0.7500	0.0714	0.1228	0.0009	0.2735
drug-16	0.5691	0.1231	0.2307	0.2558	0.4208
drug-17	0.3723	0.1793	0.2190	0.1371	0.5985
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7766	0.0638	0.1885	0.0381	0.1584
drybean	0.9206	0.0227	0.9340	0.9041	0.1287
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3000	0.3500	0.3237	0.0593	0.6545
eeg	0.2698	0.0913	0.3303	0.1613	0.4057
eeg-eye	0.9206	0.0794	0.9201	0.8384	0.3551
eeg10%	0.2149	0.0981	0.2185	0.0994	0.4251
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6712	0.1315	0.6460	0.5767	0.3051
euthyroid	0.9652	0.0348	0.8979	0.7944	0.3409
exon.vs.intron-freq	0.9792	0.0208	0.9791	0.9582	0.1367
exon.vs.intron-freq10%	0.9577	0.0423	0.9582	0.9150	0.2155
fakenews	0.5500	0.4500	0.5503	0.1004	0.9674
farm-ads	0.8671	0.1328	0.8724	0.7294	0.4451
fbis-wc	0.7073	0.0344	0.6495	0.6616	0.2232
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.6863	0.3137	0.6950	0.3355	0.7099
financial-risk	0.7435	0.0855	0.5513	0.5618	0.2356
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.7500	0.0625	0.4110	0.6753	0.1510
fonts	0.8858	0.0015	0.7924	0.8803	0.1093
fonts10%	0.7020	0.0039	0.4614	0.6858	0.2366
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.9964	0.0012	0.9966	0.9956	0.0089
gastrointestinal	0.8750	0.0833	0.8402	0.8012	0.2249
gender	0.5895	0.2737	0.4155	0.0039	0.3341
gene	0.9401	0.0400	0.9338	0.9041	0.1726
german	0.7400	0.2600	0.7017	0.3418	0.6583
gestures	0.4546	0.2727	0.3789	0.2718	0.3705
gina	0.9337	0.0663	0.9338	0.8674	0.3252
gisette	0.9671	0.0329	0.9672	0.9343	0.1943
glass	0.7619	0.0794	0.7141	0.6645	0.2397
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP	0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8571	0.1429	0.8547	0.7085	0.5490
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.4872	0.2727	0.5104
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.9579	0.0070	0.8999	0.9503	0.0577
har	0.3598	0.2561	0.3515	0.1151	0.3592
har70	0.9361	0.0183	0.6971	0.9043	0.0975
har701%	0.9257	0.0212	0.5434	0.8892	0.0972
har7010%	0.9318	0.0195	0.6420	0.8979	0.0939
harth	0.9011	0.0165	0.6991	0.8651	0.1585
harth1%	0.8754	0.0208	0.5952	0.8294	0.1605
harth10%	0.8905	0.0182	0.6644	0.8503	0.1623
hayes-roth	0.6250	0.2500	0.6905	0.4074	0.3966
hcc-survival	0.7059	0.2941	0.7043	0.4056	0.8063
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.9480	0.0520	0.9395	0.8750	0.2284
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.8564	0.1436	0.8578	0.7128	0.5344
hepmass1%	0.8568	0.1432	0.8569	0.7136	0.5439
hepmass10%	0.8662	0.1338	0.8663	0.7324	0.5214
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.5406	0.4594	0.5886	0.0231	0.5556
higgs0.1%	0.6964	0.3036	0.6957	0.3914	0.8257
higgs1%	0.7141	0.2859	0.7138	0.4273	0.8017
higgs10%	0.7357	0.2643	0.7356	0.4708	0.7710
higher	0.2857	0.1786	0.2264	0.1411	0.3501
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8803	0.1197	0.7645	0.5132	0.5738
hiva	0.9645	0.0355	0.6382	0.1986	0.4361
horse	0.6389	0.2407	0.6122	0.3615	0.5853
hotel-reservartions	0.7878	0.2122	0.7466	0.4646	0.6503
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	1.0000	0.0000	1.0000	1.0000	0.0002
ht-sensor10%	0.9995	0.0004	0.9995	0.9992	0.0031
htru2	0.9765	0.0235	0.9268	0.8517	0.2437
hypothyroid	0.9814	0.0093	0.6817	0.8830	0.0769
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.7458	0.2542	0.6470	0.2324	0.6991
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9587	0.0207	0.9602	0.9449	0.0737
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8986	0.0078	0.9028	0.8945	0.0849

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8209	0.1791	0.6448	0.1805	0.5508
jvowels	0.9799	0.0045	0.9783	0.9772	0.0356
kc1	0.8768	0.1232	0.7234	0.3800	0.5034
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6429	0.0298	0.0752	0.2708	0.0880
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6751	0.3350	0.7254
kdc-4007	0.3616	0.1596	0.3901	0.2497	0.3133
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9476	0.0524	0.4866	-0.0021	0.2511
kddcup99	0.9999	0.0000	0.7176	0.9999	0.0026
kddcup991%	0.9988	0.0001	0.5007	0.9979	0.0010
kddcup9910%	0.9998	0.0000	0.6936	0.9997	0.0025
kepler	0.8201	0.1199	0.7902	0.7018	0.1866
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.6970	0.0337	0.7056	0.6605	0.3123
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc	0.5492	0.1503	0.3942	0.3824	0.2939
la2s-wc	0.6159	0.1280	0.5768	0.4768	0.2649
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.7059	0.0147	0.3801	0.6909	0.0611
led24	0.6500	0.0700	0.6149	0.6045	0.1488
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9570	0.0033	0.9571	0.9553	0.0507
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8889	0.0148	0.9110	0.8807	0.0496
linkage	1.0000	0.0000	0.9993	0.9986	0.0053
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0001
liver	0.7647	0.2353	0.7202	0.4357	0.7504
loan	0.9789	0.0211	0.9775	0.9550	0.1360
localization	0.7577	0.0440	0.5379	0.6889	0.3079
localization10%	0.7002	0.0545	0.4188	0.6122	0.3393
lrs	0.8679	0.0264	0.4511	0.8158	0.0756
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.5000	0.5000	0.5000	0.0000	0.9424
magic04	0.8780	0.1220	0.8640	0.7232	0.4835
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8347	0.6671	0.5906
marketing	0.8839	0.1161	0.7254	0.3621	0.4447
maternal	0.7822	0.1452	0.7878	0.6683	0.4181
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2033	0.3187	0.2022	0.0005	0.8329

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6783	0.3217	0.6735	0.3469	0.8499
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.9444	0.0278	0.9583	0.9234	0.0743
mfeat-fac	0.9550	0.0090	0.9552	0.9500	0.0547
mfeat-fou	0.7850	0.0430	0.7849	0.7611	0.1588
mfeat-kar	0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-mor	0.7150	0.0570	0.7173	0.6833	0.1847
mfeat-pix	0.9550	0.0090	0.9560	0.9500	0.0536
mfeat-zer	0.7650	0.0470	0.7707	0.7389	0.1415
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.4648	0.4093	0.4332
mobile	0.9231	0.0027	0.9279	0.9217	0.0353
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8361	0.1639	0.8252	0.5906	0.3522
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4150	0.1064	0.4103	0.2442	0.3816
musk	0.9697	0.0303	0.9404	0.8750	0.1394
MUT_ci300400a_cdk_ECFP2	0.5947	0.4053	0.6019	0.0352	0.5453
MUT_ci300400a_cdk_ECFP4	0.5952	0.4048	0.6247	0.0334	0.5041
MUT_ci300400a_cdk_ECFP6	0.6778	0.3222	0.6955	0.3716	0.7891
MUT_ci300400a_cdk_ESTATE	0.6954	0.3046	0.6976	0.3902	0.8119
MUT_ci300400a_cdk_EXTENDED	0.7602	0.2398	0.7628	0.5194	0.7187
MUT_ci300400a_cdk_FCFP2	0.5844	0.4156	0.6141	0.0034	0.5066
MUT_ci300400a_cdk_FCFP4	0.5887	0.4113	0.6187	0.0167	0.5057
MUT_ci300400a_cdk_FCFP6	0.6331	0.3669	0.6198	0.1560	0.7114
MUT_ci300400a_cdk_MACCS	0.7326	0.2674	0.7211	0.4385	0.7760
MUT_ci300400a_cdk_PUBCHEM	0.6240	0.3760	0.6793	0.2979	0.7231
MUT_ci300400a_cdk_STANDARD	0.7760	0.2240	0.7713	0.5421	0.7119
MUT_ci300400a_rdkit_descriptors	0.5952	0.4048	0.6236	0.0578	0.5291
myocardial	0.8882	0.0279	0.3966	0.4318	0.0922
naticusdroid	0.9758	0.0242	0.9758	0.9516	0.1535
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0370	0.5556	0.8065	0.0000
ncRNA	0.9592	0.0043	0.8153	0.8890	0.2164
ncRNA1%	0.9160	0.0088	0.5093	0.7614	0.3092
ncRNA10%	0.9393	0.0064	0.7020	0.8311	0.2861
neo	0.9048	0.0952	0.6649	0.0381	0.2164
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.2647	0.0334	0.3287	0.2166	0.3124
newspop	0.6559	0.3441	0.6531	0.3051	0.8729
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9655	0.0345	0.9574	0.9148	0.2197
NPHA-doctor-visits	0.4583	0.3611	0.3759	-0.0263	0.6866
nursery	0.9954	0.0019	0.7971	0.9932	0.0121
obesity	0.8341	0.0474	0.8352	0.8064	0.1934
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9932	0.0068	0.9905	0.9809	0.0810
Occupancy_Estimation	0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc	0.8911	0.0218	0.9086	0.8747	0.1009
oh10-wc	0.6952	0.0610	0.7354	0.6495	0.2319
oh15-wc	0.8261	0.0348	0.8354	0.8020	0.1635
oh5-wc	0.7912	0.0418	0.8358	0.7630	0.1562

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.6039	0.0792	0.6301	0.5496	0.3172
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9102	0.0898	0.6417	0.0276	0.2329
opn310k10%	0.9133	0.0867	0.6659	0.0385	0.2026
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9733	0.0053	0.9752	0.9703	0.0374
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9289	0.0711	0.6520	0.1647	0.3724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8608	0.1392	0.8427	0.6842	0.5526
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8765	0.7471	0.4811
p53-mutants	0.9955	0.0045	0.7169	0.4146	0.4457
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9799	0.0080	0.8658	0.8837	0.1471
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.8815	0.1185	0.8732	0.7414	0.4659
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.9350	0.0650	0.9205	0.8408	0.3675
particle10%	0.9223	0.0777	0.9039	0.8078	0.4078
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9009	0.0991	0.4739	-0.0409	0.6902
pcmac	0.5515	0.4485	0.4616	-0.0402	0.8620
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7895	0.2105	0.7097	0.4182	0.7455
pediatric-leukemia	0.8235	0.0504	0.7646	0.7821	0.1427
pendigits	0.9936	0.0013	0.9938	0.9929	0.0119
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7697	0.2303	0.7479	0.4879	0.7160
personalities	0.8215	0.0223	0.8263	0.8096	0.2326
pet-adoption	0.9350	0.0650	0.9263	0.8477	0.2815
phishing	0.9714	0.0286	0.9700	0.9397	0.1676
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.9999	0.0000	0.9999	0.9998	0.0005
phone-acc0.1%	0.9142	0.0245	0.9078	0.8998	0.0971
phone-acc1%	0.9879	0.0035	0.9871	0.9859	0.0238
phone-acc10%	0.9984	0.0005	0.9983	0.9981	0.0046
phone-gyr	0.9999	0.0000	0.9999	0.9999	0.0004
phone-gyr0.1%	0.9447	0.0158	0.9404	0.9354	0.0788
phone-gyr1%	0.9893	0.0031	0.9883	0.9875	0.0209
phone-gyr10%	0.9988	0.0004	0.9986	0.9985	0.0034
phoneme	0.9111	0.0889	0.8885	0.7758	0.4265
phy	0.7022	0.2978	0.7033	0.4040	0.8113
pima	0.7368	0.2632	0.7221	0.4006	0.6803
pirvision	0.9954	0.0030	0.9920	0.9855	0.0290
placement	0.7950	0.2050	0.7884	0.5763	0.6783
plant-growth	0.6316	0.3684	0.6292	0.2570	0.8973
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.7798	0.0440	0.2633	0.5853	0.1557
poker1%	0.5317	0.0937	0.1803	0.1034	0.2653
poker10%	0.6092	0.0782	0.1987	0.2521	0.2329
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9551	0.0449	0.7139	0.3364	0.3581
polish-5th	0.9475	0.0525	0.7581	0.4829	0.4456
polya	0.7168	0.2832	0.6732	0.3025	0.7361
popularity	0.6656	0.2230	0.4165	0.2226	0.4711
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9923	0.0031	0.9922	0.9904	0.0225
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6294	0.2353	0.8487
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0468	0.2417	0.4180	0.2152
processed	0.9949	0.0051	0.9942	0.9883	0.0300
profb	0.7463	0.2537	0.7091	0.4180	0.7815
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9957	0.0017	0.9923	0.9942	0.0142
puc-rio10%	0.9916	0.0034	0.9849	0.9887	0.0253
pufs-128	0.5012	0.4988	0.5014	0.0025	0.9596
pufs-1281%	0.4912	0.5088	0.4905	-0.0175	0.9805
pufs-12810%	0.5000	0.5000	0.5001	0.0001	0.9728
pufs-64	0.5014	0.4986	0.5015	0.0027	0.9712
pufs-641%	0.5083	0.4917	0.5088	0.0164	0.9691
pufs-6410%	0.5044	0.4956	0.5047	0.0086	0.9720
pulsar	0.9824	0.0176	0.9458	0.8886	0.1431
raisin	0.9000	0.1000	0.9025	0.8000	0.4045
rcv1	0.2423	0.0413	0.0179	-0.0100	0.2776
rcv11%	0.2537	0.0282	0.0623	0.0180	0.2923
rcv110%	0.2493	0.0283	0.0964	0.0090	0.3118
re0-wc	0.6867	0.0482	0.7073	0.5661	0.3656
re1-wc	0.6024	0.0318	0.6396	0.5348	0.1618
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.5084	0.0151	0.2447	0.1544	0.1763
rice	0.9863	0.0137	0.9861	0.9722	0.0959
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6546	0.3454	0.6360	0.2703	0.8811
RT_IOT2022	0.9930	0.0012	0.9680	0.9825	0.0077
satimage	0.9005	0.0332	0.8842	0.8768	0.1554
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9378	0.0622	0.8044	0.5768	0.3875
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5294	0.4706	0.5315	0.0588	0.9560
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.6294	0.3706	0.7147	0.3067	0.5281
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9654	0.0099	0.9689	0.9595	0.0491
segmentation	0.8119	0.1881	0.8089	0.6093	0.6348
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8658	0.1342	0.5503	0.0232	0.4453
sens-10-gram	0.8688	0.1312	0.6138	0.0853	0.4354
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8711	0.1289	0.6156	0.1116	0.4810
sens-4-gram	0.8605	0.1395	0.5435	0.0391	0.5724
sens-5-gram	0.8737	0.1263	0.6323	0.1412	0.4751
sens-6-gram	0.8632	0.1368	0.5313	0.0179	0.4988

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8658	0.1342	0.5807	0.0754	0.5299
sens-8-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sens-9-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sensorless	0.9990	0.0002	0.9990	0.9989	0.0023
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8994	0.1006	0.7901	0.5719	0.5471
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9708	0.0292	0.8705	0.7038	0.0927
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9997	0.0003	0.9995	0.9990	0.0081
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.2600	0.3700	0.2783	0.0022	0.4998
smk_can_187	0.6316	0.3684	0.6292	0.2570	0.8973
smoking	0.6982	0.3019	0.7530	0.4373	0.6117
soil_pollution	0.2133	0.3147	0.2130	0.0152	0.8568
solar-flare	0.7842	0.0719	0.7355	0.7233	0.1873
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9550	0.0450	0.8576	0.7124	0.4146
spambase	0.9457	0.0543	0.9431	0.8854	0.2754
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.9429	0.0571	0.9304	0.8511	0.1808
spectrometer	0.6604	0.0142	0.3119	0.6405	0.0894
splice-EI	0.9748	0.0252	0.9666	0.9331	0.1912
splice-IE	0.9495	0.0505	0.9317	0.8628	0.3352
sport-articles	0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9001	0.0666	0.8736	0.8376	0.2282
steel-b	0.8872	0.1128	0.8173	0.6194	0.4969
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8205	0.1795	0.7969	0.5865	0.6239
steel-p	0.9385	0.0615	0.7734	0.5390	0.5226
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9795	0.0205	0.9450	0.8886	0.3044
stellar	0.9606	0.0263	0.9545	0.9291	0.1137
stock	0.8333	0.1667	0.6481	0.1955	0.5543
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.9860	0.0140	0.9859	0.9717	0.1016
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6250	0.1500	0.3413	0.3789	0.4223
student-depression	0.8093	0.1907	0.8018	0.5984	0.6369
student-habits	0.3800	0.2480	0.1770	0.0077	0.4581
student-weekend	0.4154	0.2338	0.2920	0.1880	0.6522
student-workday	0.7031	0.1187	0.2633	0.1118	0.3279
studentap	0.6154	0.2564	0.6426	0.3868	0.5042
susy	0.7805	0.2195	0.7812	0.5503	0.6657
susy1%	0.8050	0.1950	0.8043	0.6026	0.6373
susy10%	0.8010	0.1990	0.8004	0.5942	0.6435
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn	0.8892	0.1108	0.8532	0.7028	0.4930
texture	0.9800	0.0036	0.9813	0.9779	0.0297

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8723	0.1277	0.7093	0.2210	0.2680
thrombin	0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8714	0.1286	0.8176	0.6259	0.5376
tis10%	0.7537	0.2463	0.6314	0.2528	0.8027
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4545	0.6364	0.0779
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.8235	0.1765	0.8152	0.5641	0.3671
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.4505	-0.0830	0.9027
trec11-wc	0.7317	0.0596	0.6293	0.6594	0.2417
trec12-wc	0.8710	0.0323	0.9082	0.8412	0.0862
trec21-wc	0.9091	0.0303	0.6137	0.7876	0.0734
trec23-wc	0.9048	0.0317	0.9225	0.8688	0.1244
trec31-wc	0.9892	0.0031	0.8307	0.9858	0.0515
trec41-wc	0.9545	0.0091	0.9358	0.9444	0.0578
trec45-wc	0.9565	0.0087	0.8554	0.9492	0.0298
tuandromd	0.9865	0.0135	0.9791	0.9582	0.1317
turkish	0.8250	0.0875	0.8249	0.7667	0.2373
tvnews	0.9062	0.0938	0.8980	0.7935	0.4060
tvnews1%	0.9231	0.0769	0.9197	0.8377	0.3761
tvnews10%	0.8998	0.1002	0.8914	0.7822	0.4407
ur3_cobotops_grip	0.9755	0.0245	0.7604	0.4282	0.2319
ur3_cobotops_stop	0.9782	0.0218	0.8235	0.6257	0.3260
urban	0.8209	0.0398	0.8131	0.7885	0.1501
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%	0.9695	0.0305	0.9671	0.9329	0.2042
ustilago	0.9903	0.0097	0.6671	0.0066	0.0374
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7738	0.1131	0.7302	0.6939	0.1880
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.7475	0.0459	0.7584	0.7222	0.1540
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9097	0.0903	0.6461	0.0150	0.2184
wap-wc	0.4551	0.0545	0.4575	0.3420	0.2309
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.9999	0.0000	0.9999	0.9999	0.0003
watch-acc1%	0.9825	0.0050	0.9822	0.9795	0.0340
watch-acc10%	0.9989	0.0003	0.9989	0.9987	0.0035
watch-gyr	1.0000	0.0000	1.0000	1.0000	0.0002
watch-gyr1%	0.9850	0.0043	0.9846	0.9825	0.0296
watch-gyr10%	0.9991	0.0003	0.9991	0.9990	0.0027
water_pollution	0.2600	0.3700	0.2590	0.0114	0.8467
waveform	0.8360	0.1093	0.8362	0.7540	0.3753
weather-related	0.5635	0.0794	0.4740	0.4802	0.2050
web-phishing	0.8667	0.0889	0.8196	0.7628	0.3860
Weekly	0.9537	0.0463	0.9547	0.9053	0.1858
weight-lift	0.7475	0.1010	0.8001	0.6829	0.1949
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9855	0.0145	0.9195	0.8369	0.2405
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.7107	0.0964	0.3506	0.5232	0.2917
winequality-white	0.6585	0.0976	0.3562	0.4616	0.3612
winnipeg	0.9967	0.0010	0.9918	0.9958	0.0147
winnipeg10%	0.9929	0.0020	0.9943	0.9911	0.0161
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.7500	0.0333	0.7318	0.7322	0.0613
yeast	0.6014	0.0797	0.4365	0.4840	0.3157
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9462	0.0108	0.9408	0.9398	0.0840

Table 293: Detailed results for ExtraTrees(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
abalone		0.1391	0.0594	0.1163	0.0637	0.5747
abalone19		0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18		0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer		0.9856	0.0144	0.7378	0.3893	0.2716
accident		0.5500	0.4500	0.5503	0.1000	0.9662
ads		0.8598	0.1402	0.4623	0.0000	0.2812
adult		0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot		0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter		0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878		0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330		0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128		0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered		0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red		0.8889	0.1111	0.7333	0.3010	0.2451
AID1608Morered		0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red		0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red		0.9883	0.0117	0.7352	0.2828	0.0436
AID373AID439red		0.0002	0.9998	0.0002	0.0000	0.0005
AID373red		0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered		0.8571	0.1429	0.4615	0.0000	0.2846
AID439red		0.8571	0.1429	0.4615	0.0000	0.2846
AID456red		0.9960	0.0040	0.4990	-0.0015	0.5141
AID604		0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed		0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered		0.7000	0.3000	0.5776	0.1176	0.7934
AID644red		0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red		0.9994	0.0006	0.4998	0.0000	0.0035
AID687red		0.0030	0.9970	0.0030	0.0000	0.0087
AID688red		0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered		0.7778	0.2222	0.4375	0.0000	0.3750
AID721red		0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red		0.0010	0.9990	0.0010	0.0000	0.0029
AID746red		0.0060	0.9940	0.0060	0.0000	0.0172
aids		0.9108	0.0892	0.8743	0.7397	0.3967
air_pollution		0.0967	0.2581	0.0252	0.0000	0.3728
air-booking		0.8506	0.1494	0.4596	0.0000	0.2931
airline		0.5655	0.4345	0.3612	0.0000	0.5132
alcohol		0.9048	0.0381	0.7994	0.7862	0.1110
all-aml		1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers		0.9535	0.0465	0.9491	0.8964	0.2299
anneal		1.0000	0.0000	1.0000	1.0000	0.0000
antivirus		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b		1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family		0.9875	0.0063	0.9518	0.9761	0.0329
anuran-genus		0.9889	0.0028	0.9654	0.9817	0.0554
anuran-species		0.9889	0.0022	0.9808	0.9845	0.0132
anxiety		0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality		0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure		0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%		0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%		0.9920	0.0080	0.4980	0.0000	0.0318
arcene		0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia		0.8444	0.0239	0.5558	0.7512	0.1348

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
auction		0.9902	0.0098	0.9777	0.9544	0.0418
audiology		0.5217	0.0399	0.1634	0.4536	0.0830
audit-risk		1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent		0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult		0.7286	0.2714	0.4215	0.0000	0.4194
autism-child		1.0000	0.0000	1.0000	1.0000	0.0000
autos		0.9500	0.0167	0.7933	0.9340	0.0386
avila		0.4106	0.0982	0.0485	0.0000	0.2872
babies		0.3871	0.1751	0.0797	0.0000	0.2801
balance		0.7903	0.1398	0.5871	0.6446	0.3681
bank		0.8874	0.1126	0.4702	0.0000	0.2427
banknote		1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy		1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria		0.9009	0.0991	0.8936	0.7752	0.3591
basehock		0.5025	0.4975	0.3344	0.0000	0.5280
bio		0.9911	0.0089	0.4978	0.0000	0.0350
bio10%		0.9959	0.0041	0.8755	0.7479	0.3119
biodeg		0.8857	0.1143	0.8803	0.7600	0.4858
biomed		1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin		0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%		0.0003	0.0689	0.0041	0.0003	0.1160
bitcoin10%		0.0032	0.0687	0.0002	0.0000	0.0124
body-perf		0.2500	0.3750	0.1000	0.0000	0.4042
bookings		0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor		0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer		0.6429	0.3571	0.5625	0.1250	0.8994
breast-cancer-co		0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma		0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue		0.8182	0.0606	0.8470	0.7800	0.1122
bridges		0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17		0.9091	0.0909	0.4762	0.0000	0.2092
cad		1.0000	0.0000	1.0000	1.0000	0.0000
caesarian		0.8750	0.1250	0.8730	0.7143	0.3145
cancer		1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae		0.4930	0.3380	0.2201	0.0000	0.3464
car		0.9943	0.0029	0.9788	0.9876	0.0082
car-insurance		0.6870	0.3130	0.4072	0.0000	0.4509
card		0.9130	0.0870	0.9107	0.8198	0.3843
cardiotocography		0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp		0.9624	0.0250	0.9213	0.8942	0.1349
cardiovascular		0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k		1.0000	0.0000	1.0000	1.0000	0.0000
cars		0.9000	0.0667	0.8835	0.8210	0.2076
cas_N6512_cdk_ECFP2		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors		0.8046	0.1954	0.8051	0.6089	0.6529
cas_N6512_rdkit_FEATMORGAN		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS		0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP		0.8083	0.1917	0.8111	0.6178	0.6355

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
cas_N6512_rdkit_MORGAN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN		0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP		0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP		0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION		0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%		0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes		0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp		0.7927	0.2073	0.7820	0.5606	0.6860
CDS31_tox21_NR-AR_Rdkit-maccs-fp		0.9656	0.0344	0.7634	0.5112	0.4665
CDS42_tox21_SR-p53_Rdkit-maccs-fp		0.9513	0.0487	0.6410	0.2148	0.4795
CDS49_AID687_Rdkit-ecfp4-fp		0.9976	0.0024	0.4994	0.0000	0.0117
census10%		0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system		0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B		0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C		0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H		0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S		0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia		0.2740	0.3630	0.1075	0.0000	0.3422
chrom19		0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%		0.9994	0.0006	0.9090	0.7997	0.4644
chrom1910%		0.9994	0.0006	0.8610	0.7219	0.3974
chrom211%		0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney		0.9217	0.0783	0.4796	0.0000	0.1882
churn		0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml		0.9738	0.0262	0.9462	0.8865	0.0914
ci900367j_MACCS		0.6211	0.3789	0.3831	0.0000	0.4902
circles		1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis		0.7619	0.1587	0.5180	0.5070	0.3634
cjs		0.1464	0.2845	0.0426	0.0000	0.3978
ckd		0.6500	0.3500	0.3939	0.0000	0.4745
clave		0.8148	0.0926	0.6619	0.7113	0.4076
climate		0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111		0.1667	0.5556	0.0952	0.0000	0.4119
cm1		0.9000	0.1000	0.4737	0.0000	0.2236
cmc		0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9		0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage		0.2180	0.1422	0.0325	0.0000	0.3202
coil20		1.0000	0.0000	1.0000	1.0000	0.0000
college		0.9221	0.0779	0.9018	0.8036	0.4118
collins		1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor		0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1		0.7931	0.2069	0.7632	0.5193	0.6844
colposcopies-2		0.7586	0.2414	0.7403	0.4377	0.6462
colposcopies-3		0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4		0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5		0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6		0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c		0.8621	0.1379	0.8054	0.5323	0.2987
column-2c		0.9355	0.0645	0.9262	0.8524	0.3445
column-3c		0.8065	0.1290	0.7333	0.6810	0.2682
connect-4		0.9808	0.0128	0.5777	0.4424	0.3252
cottonmeloidogyne		0.7740	0.2260	0.7752	0.5484	0.7047
coupon		0.5686	0.4314	0.3625	0.0000	0.5122
covid19		0.3638	0.1818	0.0762	0.0000	0.2356
covtype		0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%		0.9248	0.0215	0.8788	0.8783	0.1896
covtypeCD		0.9965	0.0035	0.9926	0.9851	0.0325

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
covtypeT		0.9888	0.0112	0.9563	0.9124	0.1834
crabs		0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans		0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%		0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced		0.9530	0.0157	0.8798	0.9026	0.1018
cryotherapy		0.7778	0.2222	0.8163	0.5714	0.4644
cultivars		0.7812	0.0109	0.5990	0.7744	0.0310
customer-churn		0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity		0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane		0.6296	0.3704	0.6181	0.2241	0.8800
cylinder-bands		0.8333	0.1667	0.8289	0.6573	0.6005
darwin		0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve		0.9231	0.0769	0.4800	0.0000	0.1858
dating		0.0998	0.1800	0.0181	0.0000	0.4073
dbworld		0.5714	0.4286	0.3636	0.0000	0.5112
default		0.7790	0.2210	0.4379	0.0000	0.3738
defect		0.8395	0.1605	0.4564	0.0000	0.3070
dementia		1.0000	0.0000	1.0000	1.0000	0.0000
deposit		0.8976	0.1024	0.7427	0.4845	0.6273
depressed		0.8392	0.1608	0.6278	0.1151	0.4783
dermatology		0.9459	0.0180	0.9429	0.9325	0.0590
desharnais		0.7500	0.1667	0.5333	0.4074	0.2614
dexter		0.5000	0.5000	0.3333	0.0000	0.5283
df_final		0.6875	0.2083	0.6999	0.5062	0.3065
DIA		0.8667	0.1333	0.8113	0.5897	0.4665
diabetes		1.0000	0.0000	1.0000	1.0000	0.0000
diabetes-100k		0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk		0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%		0.5294	0.3137	0.3086	0.0177	0.4982
diabetic10%		0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds		1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all		0.3995	0.2402	0.1142	0.0000	0.3299
dishonest		1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome		0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor		0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih		0.5000	0.5000	0.3333	-0.1613	0.9442
dlbcl-stanford		1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%		0.0028	0.9972	0.0028	0.0000	0.0080
dorothea		0.9043	0.0957	0.4749	0.0000	0.2168
dota2		0.4727	0.5273	0.3210	0.0000	0.5305
dota210%		0.5650	0.4350	0.5596	0.1142	0.9435
drebin		0.3699	0.6301	0.2700	0.0000	0.5154
dropout		0.7630	0.1580	0.6907	0.6044	0.4662
drug-01		0.3989	0.1717	0.0815	0.0000	0.2998
drug-02		0.1277	0.2492	0.0323	0.0000	0.3211
drug-03		0.6915	0.1028	0.1363	0.0000	0.2084
drug-04		0.1223	0.2508	0.0311	0.0000	0.3189
drug-05		0.7340	0.0760	0.1209	0.0000	0.1777
drug-06		0.2181	0.2234	0.0512	0.0000	0.3777
drug-07		0.3617	0.2128	0.0885	0.0000	0.2699
drug-08		0.5532	0.1277	0.1018	0.0000	0.2637
drug-09		0.8723	0.0365	0.1960	0.0699	0.1044
drug-10		0.5426	0.1307	0.1005	0.0000	0.2726
drug-11		0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12		0.7926	0.0691	0.1474	0.0000	0.1663
drug-13		0.5798	0.1201	0.1049	0.0000	0.2556
drug-14		0.5691	0.1231	0.1036	0.0000	0.2602

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
drug-15		0.7606	0.0684	0.1234	0.0000	0.1811
drug-16		0.5213	0.1596	0.1142	0.0000	0.2921
drug-17		0.1064	0.2553	0.0275	0.0000	0.3792
drug-18		0.9947	0.0021	0.1995	0.0000	0.0076
drug-19		0.7713	0.0654	0.1244	0.0000	0.1604
drybean		0.9229	0.0220	0.9378	0.9067	0.1254
ecoli		0.8235	0.0441	0.5245	0.7536	0.1141
ecoliCP-IM		1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM		0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU		0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM		0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce		0.2600	0.3700	0.2612	0.0123	0.8439
eeg		0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye		0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%		0.4822	0.0647	0.4980	0.4234	0.4932
email_phishing		0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus		0.6712	0.1315	0.6586	0.5798	0.3605
euthyroid		0.9652	0.0348	0.8979	0.7944	0.3409
exon.vs.intron-freq		0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%		0.9672	0.0328	0.9673	0.9341	0.1862
fakenews		0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads		0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc		0.0366	0.1133	0.0042	0.0000	0.3744
fertility		0.8000	0.2000	0.4444	-0.1111	0.7317
finance		0.7647	0.2353	0.7621	0.5173	0.7107
financial-risk		0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch		0.8750	0.0417	0.8833	0.8416	0.1096
flags		0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%		0.0012	0.0131	0.0000	0.0000	0.3539
forest		0.9038	0.0481	0.8919	0.8667	0.1055
gas		0.9978	0.0007	0.9979	0.9974	0.0050
gastrointestinal		0.9375	0.0417	0.9244	0.8954	0.0827
gender		0.5895	0.2737	0.2472	0.0000	0.3139
gene		0.9432	0.0379	0.9360	0.9089	0.1698
german		0.7200	0.2800	0.6799	0.2689	0.6300
gestures		0.2491	0.3754	0.0997	0.0000	0.4043
gina		0.9712	0.0288	0.9712	0.9424	0.1757
gisette		0.5000	0.5000	0.3333	0.0000	0.5283
glass		0.8571	0.0476	0.8685	0.8067	0.1657
glass-g2		0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP		0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP		0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers		1.0000	0.0000	1.0000	1.0000	0.0000
glassNW		0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware		1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP		0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM		0.7368	0.2632	0.7389	0.4751	0.7624
gli_85		0.2500	0.7500	0.2000	0.0000	0.4422
glioma		0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade		0.8333	0.1667	0.8276	0.6543	0.6006
green		0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage		0.6667	0.1667	0.7019	0.5536	0.3918
gsalc		1.0000	0.0000	1.0000	1.0000	0.0000
haberman		0.7667	0.2333	0.6902	0.3787	0.7748
hapt		0.0073	0.1654	0.0012	0.0000	0.3596
har		0.9980	0.0008	0.9978	0.9974	0.0059
har70		0.0899	0.2600	0.0236	0.0000	0.3023
har701%		0.0898	0.2601	0.0235	0.0000	0.3024

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
har7010%		0.0899	0.2600	0.0236	0.0000	0.3023
harth		0.0610	0.1565	0.0096	0.0000	0.3036
harth1%		0.0610	0.1565	0.0096	0.0000	0.3036
harth10%		0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth		0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival		0.6471	0.3529	0.6237	0.2388	0.8780
health-activity		0.7700	0.1150	0.2175	0.0000	0.1937
heart		0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack		0.8387	0.1613	0.8389	0.6764	0.5837
heart-c		0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure		0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum		0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis		0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%		0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%		0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs		1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs		0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs		1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%		0.7055	0.2945	0.7038	0.4072	0.8144
higgs1%		0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%		0.4705	0.5295	0.3200	0.0000	0.5306
higher		0.1429	0.2143	0.1250	-0.0120	0.4198
hinselmann		0.8000	0.2000	0.4444	0.0000	0.3522
hitters		0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa		0.8786	0.1214	0.7556	0.4258	0.4041
hiva		0.9622	0.0378	0.5844	0.1005	0.4517
horse		0.5556	0.2963	0.3582	0.0828	0.3773
hotel-reservartions		0.6723	0.3277	0.4020	0.0000	0.4608
hr		0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor		0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%		0.9998	0.0001	0.9998	0.9997	0.0014
htru2		0.9754	0.0246	0.9240	0.8473	0.2768
hypothyroid		0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT		0.9973	0.0027	0.9909	0.9816	0.0997
ilpd		0.7627	0.2373	0.6850	0.3537	0.7533
immuno-therapy		0.6667	0.3333	0.5950	0.1818	0.8134
instagram		0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere		0.9429	0.0571	0.9337	0.8674	0.3191
iris		1.0000	0.0000	1.0000	1.0000	0.0000
irish		1.0000	0.0000	1.0000	1.0000	0.0000
isolet		0.0385	0.0740	0.0029	0.0000	0.4200
jm1		0.8062	0.1938	0.4464	0.0000	0.3455
jvowels		0.1094	0.1979	0.0219	0.0000	0.4023
kc1		0.8578	0.1422	0.6739	0.3073	0.6292
kc1-class-level-defectiveornot		0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect		0.6429	0.0298	0.0341	0.1139	0.1206
kc1-class-level-top5percentDF		0.9333	0.0667	0.4828	0.0000	0.1675
kc2		0.8462	0.1538	0.7441	0.4680	0.6202
kdc-4007		0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%		0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%		0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%		0.9992	0.0001	0.8952	0.9986	0.0009
kddcup9910%		0.1969	0.0845	0.0173	0.0000	0.1636
kepler		0.2395	0.5070	0.1288	0.0000	0.3990
kidney		0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease		0.6250	0.3750	0.3846	0.0000	0.4882
krkopt		0.8902	0.0122	0.8957	0.8773	0.1461
krvskp		0.9937	0.0063	0.9938	0.9874	0.0474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
la1s-wc		0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc		0.1060	0.2980	0.0319	0.0000	0.3913
labor		1.0000	0.0000	1.0000	1.0000	0.0000
leaf		0.4118	0.0294	0.1962	0.3901	0.0802
led24		0.6000	0.0800	0.6027	0.5531	0.1938
lenses		1.0000	0.0000	1.0000	1.0000	0.0000
letter		0.9710	0.0022	0.9705	0.9698	0.0338
leukemia		0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2		1.0000	0.0000	1.0000	1.0000	0.0000
libra		0.8889	0.0148	0.9026	0.8807	0.0480
linkage		0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%		1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%		0.0037	0.9963	0.0036	0.0000	0.0105
liver		0.7941	0.2059	0.7709	0.5405	0.6993
loan		0.6230	0.3770	0.3838	0.0000	0.4892
localization		0.1984	0.1457	0.0301	0.0000	0.3192
localization10%		0.1984	0.1457	0.0301	0.0000	0.3192
lrs		0.8679	0.0264	0.4511	0.8158	0.0756
lung		0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete		1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer		0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1		0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan		1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario		0.6667	0.3333	0.7500	0.4000	0.5283
lupus		0.6667	0.3333	0.6582	0.3077	0.8482
lymphography		0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2		0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure		0.9149	0.0851	0.9124	0.8247	0.3936
madelon		0.8923	0.1077	0.8925	0.7846	0.4521
magic04		0.6486	0.3514	0.3934	0.0000	0.4753
malware		1.0000	0.0000	1.0000	1.0000	0.0000
mammography		0.7396	0.2604	0.7488	0.4845	0.7281
marketing		0.9018	0.0982	0.7804	0.5399	0.5135
maternal		0.8416	0.1056	0.8439	0.7594	0.3619
math		0.8750	0.0625	0.8476	0.8030	0.1490
mba		0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders		0.9167	0.0417	0.9270	0.8889	0.0776
mental-health		0.1967	0.3213	0.0657	0.0000	0.4025
messidor		0.6783	0.3217	0.6720	0.3439	0.8512
meter-A		0.8750	0.1250	0.8873	0.7500	0.4011
meter-B		1.0000	0.0000	1.0000	1.0000	0.0000
meter-C		1.0000	0.0000	1.0000	1.0000	0.0000
meter-D		0.8889	0.0556	0.9226	0.8475	0.1019
mfeat-fac		0.9650	0.0070	0.9658	0.9611	0.0416
mfeat-fou		0.8350	0.0330	0.8371	0.8167	0.1264
mfeat-kar		0.9800	0.0040	0.9806	0.9778	0.0251
mfeat-mor		0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix		0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-zer		0.8300	0.0340	0.8271	0.8111	0.0892
mice-prot		1.0000	0.0000	1.0000	1.0000	0.0000
milk		1.0000	0.0000	1.0000	1.0000	0.0000
mines		0.6176	0.1529	0.5936	0.5201	0.4129
mobile		0.9615	0.0014	0.9644	0.9608	0.0175
monks-1		1.0000	0.0000	1.0000	1.0000	0.0000
monks-2		1.0000	0.0000	1.0000	1.0000	0.0000
monks-3		0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral		1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN	
mushroom		1.0000	0.0000	1.0000	1.0000	0.0000
music		0.0806	0.1672	0.0136	0.0000	0.3712
musk		0.9727	0.0273	0.9465	0.8885	0.1311
MUT_ci300400a_cdk_ECFP2		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6		0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE		0.7842	0.2158	0.7770	0.5536	0.6989
MUT_ci300400a_cdk_EXTENDED		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6		0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS		0.8501	0.1499	0.8475	0.6942	0.5653
MUT_ci300400a_cdk_PUBCHEM		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD		0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors		0.8734	0.1266	0.8709	0.7417	0.5094
myocardial		0.8765	0.0309	0.2862	0.4246	0.1793
naticusdroid		0.9724	0.0276	0.9724	0.9448	0.1697
NCI60		0.8333	0.0556	0.7895	0.8000	0.0530
nci9		0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA		0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%		0.9190	0.0085	0.5581	0.7751	0.3372
ncRNA10%		0.7777	0.0234	0.0461	0.0000	0.1370
neo		0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid		1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT		1.0000	0.0000	1.0000	1.0000	0.0000
newspop		0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction		1.0000	0.0000	1.0000	1.0000	0.0000
nomao		0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits		0.4583	0.3611	0.3622	0.0439	0.7943
nursery		0.9992	0.0003	0.7995	0.9989	0.0024
obesity		0.9763	0.0068	0.9757	0.9723	0.0359
obs		1.0000	0.0000	1.0000	1.0000	0.0000
occupancy		0.9947	0.0053	0.9925	0.9850	0.0643
Occupancy_Estimation		0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc		0.9505	0.0099	0.9546	0.9434	0.0507
oh10-wc		0.8286	0.0343	0.8320	0.8046	0.1462
oh15-wc		0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc		0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc		0.1039	0.1792	0.0188	0.0000	0.4018
olive		0.9298	0.0156	0.9215	0.9118	0.0396
opn310k		0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%		0.9190	0.0810	0.6744	0.1867	0.3341
opnat310k-hg16-17		0.9090	0.0910	0.4762	0.0000	0.2093
optdigits		0.9698	0.0060	0.9716	0.9664	0.0438
optdigitsZ		0.9964	0.0036	0.9889	0.9776	0.0175
orl		1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P		1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer		0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr		0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr		0.9368	0.0632	0.7246	0.2575	0.1626
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP		0.8454	0.1546	0.8256	0.6504	0.5924
P-Glycoprotein_c_RDkit_AtomPair_FP		0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants10%		0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks		0.9817	0.0073	0.9249	0.8961	0.1329
parkinson		0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons		0.9052	0.0948	0.8986	0.7957	0.4145
parkinsons-small		0.9474	0.0526	0.9399	0.8725	0.3145
particle		0.2806	0.7194	0.2191	0.0000	0.4674

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
particle10%			0.9269	0.0731	0.9090	0.8180	0.3871
pasture			0.5000	0.3333	0.5000	0.2000	0.3750
pc1			0.9189	0.0811	0.5907	0.1483	0.6102
pcmac			0.4175	0.5825	0.2945	0.0000	0.5272
pcos			1.0000	0.0000	1.0000	1.0000	0.0000
pd			0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia			0.7941	0.0588	0.7244	0.7441	0.1659
pendigits			0.9964	0.0007	0.9962	0.9960	0.0072
period			0.8889	0.1111	0.8784	0.7273	0.2846
period-10f			0.5556	0.4444	0.5000	0.0000	0.9591
persistency			0.3761	0.6239	0.2733	0.0000	0.5174
personalities			0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption			0.9400	0.0600	0.9319	0.8600	0.2695
phishing			0.9837	0.0163	0.9829	0.9656	0.1063
PhiUSIIL10%			0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%			0.9357	0.0184	0.9310	0.9248	0.0797
phone-acc1%			0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%			0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%			0.9512	0.0139	0.9469	0.9429	0.0709
phone-gyr1%			0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%			0.1453	0.2442	0.0362	0.0000	0.4021
phoneme			0.9296	0.0704	0.9125	0.8246	0.3707
phy			0.5028	0.4972	0.3346	0.0000	0.5280
pima			0.7237	0.2763	0.7027	0.3824	0.7533
pirvision			0.9987	0.0009	0.9977	0.9959	0.0038
placement			0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth			0.6316	0.3684	0.6292	0.2570	0.8973
plrx			0.7222	0.2778	0.4194	0.0000	0.4246
poker			0.4997	0.1112	0.0740	0.0000	0.1799
poker1%			0.4995	0.1430	0.0952	0.0000	0.2009
poker10%			0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st			0.9630	0.0370	0.6489	0.1776	0.3520
polish-2nd			0.9528	0.0472	0.5588	0.0926	0.5749
polish-3rd			0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th			0.9510	0.0490	0.6933	0.3465	0.4986
polish-5th			0.9628	0.0372	0.8365	0.6382	0.2601
polya			0.8043	0.1957	0.7809	0.5517	0.6480
popularity			0.3135	0.4577	0.1591	0.0000	0.3128
post-operative			0.4444	0.3704	0.2051	-0.3636	0.5085
postures			0.9944	0.0023	0.9943	0.9930	0.0168
pred-tox_mutagen_ref-desc			0.7353	0.2647	0.7353	0.4706	0.7723
prestige			0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor			0.2121	0.0716	0.1091	0.1471	0.2636
processed			0.6779	0.3221	0.4040	0.0000	0.4571
profb			0.7612	0.2388	0.7234	0.4457	0.7589
promoters			0.9000	0.1000	0.9083	0.8000	0.3522
prostate			1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE			1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio			0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%			0.9958	0.0017	0.9922	0.9943	0.0131
pufs-1281%			0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%			0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%			0.5002	0.4998	0.3334	0.0000	0.5283
pulsar			0.9074	0.0926	0.4757	0.0000	0.2118
raisin			0.8667	0.1333	0.8670	0.7333	0.5178
rcv11%			0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc			0.8933	0.0164	0.8923	0.8604	0.1077
re1-wc			0.8373	0.0130	0.6155	0.8125	0.0907

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
rejafada			1.0000	0.0000	1.0000	1.0000	0.0000
relathe			1.0000	0.0000	1.0000	1.0000	0.0000
rice			0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq			0.1750	0.3300	0.0596	0.0000	0.3826
rocket			0.6633	0.3367	0.6511	0.3021	0.8703
RT_IOT2022			0.0336	0.1611	0.0054	0.0000	0.1744
satimage			0.9160	0.0280	0.9028	0.8962	0.1343
satimageF			0.9907	0.0093	0.9763	0.9525	0.1611
satimageT			0.9456	0.0544	0.8328	0.6447	0.3646
scadi			0.4286	0.2286	0.1200	0.0000	0.3480
schiller			0.8889	0.1111	0.8333	0.6087	0.2605
schizo			0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis			1.0000	0.0000	1.0000	1.0000	0.0000
secom			0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom			0.5548	0.4452	0.3568	0.0000	0.5166
seeds			1.0000	0.0000	1.0000	1.0000	0.0000
segment			0.9784	0.0062	0.9817	0.9747	0.0263
segmentation			0.8713	0.1287	0.8589	0.7177	0.5271
segmentO			1.0000	0.0000	1.0000	1.0000	0.0000
seismic			0.9225	0.0775	0.5437	0.0628	0.6074
semeion			0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram			0.8816	0.1184	0.6802	0.1842	0.3526
sens-3-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram			0.8684	0.1316	0.4648	0.0000	0.2696
sensorless			0.9997	0.0001	0.9997	0.9996	0.0008
sepsis			0.9095	0.0905	0.6570	0.0031	0.2085
shoppers			0.9035	0.0965	0.8016	0.5978	0.5414
shuttle			0.9998	0.0000	0.9879	0.9995	0.0136
sick			0.9761	0.0239	0.8957	0.7784	0.1990
sirtuin6			1.0000	0.0000	1.0000	1.0000	0.0000
skin			0.9999	0.0001	0.9998	0.9996	0.0035
skin10%			0.9992	0.0008	0.9988	0.9975	0.0176
smarket			0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming			0.1400	0.4300	0.1344	-0.1547	0.8916
smk_can_187			0.4737	0.5263	0.3214	0.0000	0.5305
smoking			0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution			0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare			0.7626	0.0791	0.6306	0.6971	0.2298
sonar			0.7500	0.2500	0.7513	0.5000	0.7429
soybean			0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection			0.9080	0.0920	0.4759	0.0000	0.2109
spambase			0.9543	0.0457	0.9522	0.9041	0.2482
spect			0.7407	0.2593	0.6021	0.2025	0.8299
spectf			0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer			0.7115	0.0214	0.6030	0.6944	0.0920
splice-EI			0.9748	0.0252	0.9669	0.9337	0.2013
splice-IE			0.9495	0.0505	0.9317	0.8628	0.3352
sport-articles			0.8500	0.1500	0.8383	0.6764	0.5756
squash-stored			1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored			1.0000	0.0000	0.6667	1.0000	0.0000
startup			1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry			0.5160	0.3227	0.2269	0.0000	0.3699
steel-b			0.8974	0.1026	0.8369	0.6673	0.4931
steel-d			0.9846	0.0154	0.8543	0.6597	0.0550

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
steel-k			0.9897	0.0103	0.9842	0.9680	0.0467
steel-o			0.8359	0.1641	0.8182	0.6362	0.6135
steel-p			0.9231	0.0769	0.7077	0.4046	0.5933
steel-s			0.9897	0.0103	0.9310	0.8519	0.0402
steel-z			0.9795	0.0205	0.9450	0.8886	0.3044
stellar			0.5945	0.2703	0.2486	0.0000	0.3397
stock			0.8819	0.1181	0.7920	0.5823	0.5926
stockb			0.9956	0.0029	0.9956	0.9934	0.0159
streaming			0.4480	0.5520	0.3094	0.0000	0.5304
stress			1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle			0.4550	0.2180	0.1251	0.0000	0.2839
student-depression			0.5857	0.4143	0.3693	0.0000	0.5059
student-habits			0.3500	0.2600	0.1636	-0.0185	0.5907
student-weekend			0.3538	0.2585	0.1828	0.0612	0.5814
student-workday			0.7188	0.1125	0.2655	0.0777	0.2017
studentap			0.5385	0.3077	0.5111	0.2909	0.5610
susy1%			0.7964	0.2036	0.7949	0.5860	0.6607
susy10%			0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned			0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking			0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped			0.6249	0.3751	0.3846	0.0000	0.4882
tae			0.6667	0.2222	0.6941	0.5000	0.4790
telco-churn			0.2656	0.7344	0.2099	0.0000	0.4556
texture			0.9855	0.0026	0.9863	0.9840	0.0228
theorem			1.0000	0.0000	1.0000	1.0000	0.0000
thoracic			0.7872	0.2128	0.4405	-0.0981	0.8198
thrombin			0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff			0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe			1.0000	0.0000	1.0000	1.0000	0.0000
tis			0.2476	0.7524	0.1984	0.0000	0.4400
tis10%			0.8433	0.1567	0.7751	0.4764	0.4318
titanic			0.8182	0.1818	0.7934	0.5163	0.4251
tourist			0.1250	0.3500	0.0444	0.0000	0.3610
tox_171			0.8824	0.0588	0.8875	0.8426	0.1448
toxicity			0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f			0.7647	0.2353	0.7310	0.4426	0.7072
trains			0.5000	0.5000	0.3333	0.0000	0.5283
transfusion			0.6533	0.3467	0.4855	-0.0285	0.9078
trec11-wc			0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc			0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc			0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc			1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc			0.9462	0.0179	0.9436	0.9285	0.0877
trec41-wc			0.9432	0.0114	0.8297	0.9307	0.0623
trec45-wc			0.9420	0.0116	0.8572	0.9320	0.0426
tuandromd			0.9910	0.0090	0.9861	0.9722	0.0959
turkish			0.8250	0.0875	0.8244	0.7667	0.1948
tvnews			0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%			0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%			0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip			0.9714	0.0286	0.7155	0.3874	0.4334
ur3_cobotops_stop			0.9741	0.0259	0.7853	0.5457	0.3878
urban			0.8507	0.0332	0.8468	0.8241	0.1302
urinalysis			0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%			0.0098	0.9902	0.0097	0.0000	0.0277
vehicle			0.7738	0.1131	0.7351	0.6950	0.1991
vehicleVAN			1.0000	0.0000	1.0000	1.0000	0.0000
voice			1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN		
vote			0.8837	0.1163	0.8878	0.7681	0.4411
vowel			0.7071	0.0533	0.7424	0.6778	0.1533
vowelZ			0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17			0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc			0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p			0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p			1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%			0.9887	0.0032	0.9883	0.9868	0.0240
watch-acc10%			0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr			0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%			0.9900	0.0029	0.9899	0.9883	0.0225
watch-gyr10%			0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution			0.2433	0.3783	0.0979	0.0000	0.4051
waveform			0.8520	0.0987	0.8535	0.7781	0.3358
weather-related			0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing			0.8667	0.0889	0.8309	0.7656	0.3841
Weekly			0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift			0.1839	0.3264	0.0621	0.0000	0.3998
white-clover			0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc			1.0000	0.0000	1.0000	1.0000	0.0000
wilt			0.9896	0.0104	0.9442	0.8882	0.2208
wine			1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red			0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white			0.6994	0.0859	0.4185	0.5342	0.3642
winnipeg			0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%			0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc			1.0000	0.0000	1.0000	1.0000	0.0000
yale			0.8750	0.0167	0.8320	0.8655	0.0275
yeast			0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX			0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC			0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1			0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2			0.9595	0.0405	0.7218	0.2410	0.1164
zip			0.9645	0.0071	0.9615	0.9602	0.0601

Table 294: Detailed results for ExtraTrees(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1391	0.0594	0.1163	0.0637	0.5747
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9856	0.0144	0.7378	0.3893	0.2716
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red	0.8889	0.1111	0.7333	0.3010	0.2451
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.9883	0.0117	0.7352	0.2828	0.0436
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.9108	0.0892	0.8743	0.7397	0.3967
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.9048	0.0381	0.7994	0.7862	0.1110
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9535	0.0465	0.9491	0.8964	0.2299
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9875	0.0063	0.9518	0.9761	0.0329
anuran-genus	0.9889	0.0028	0.9654	0.9817	0.0554
anuran-species	0.9889	0.0022	0.9808	0.9845	0.0132
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.8444	0.0239	0.5558	0.7512	0.1348

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.5217	0.0399	0.1634	0.4536	0.0830
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9500	0.0167	0.7933	0.9340	0.0386
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.7903	0.1398	0.5871	0.6446	0.3681
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8936	0.7752	0.3591
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8857	0.1143	0.8803	0.7600	0.4858
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0003	0.0689	0.0041	0.0003	0.1160
bitcoin10%	0.0032	0.0687	0.0002	0.0000	0.0124
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.6429	0.3571	0.5625	0.1250	0.8994
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9943	0.0029	0.9788	0.9876	0.0082
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.9130	0.0870	0.9107	0.8198	0.3843
cardiotocography	0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp	0.9624	0.0250	0.9213	0.8942	0.1349
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.9000	0.0667	0.8835	0.8210	0.2076
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.8046	0.1954	0.8051	0.6089	0.6529
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.8083	0.1917	0.8111	0.6178	0.6355

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7927	0.2073	0.7820	0.5606	0.6860
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9656	0.0344	0.7634	0.5112	0.4665
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.6410	0.2148	0.4795
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9994	0.0006	0.9090	0.7997	0.4644
chrom1910%	0.9994	0.0006	0.8610	0.7219	0.3974
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.9738	0.0262	0.9462	0.8865	0.0914
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.5180	0.5070	0.3634
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8148	0.0926	0.6619	0.7113	0.4076
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7931	0.2069	0.7632	0.5193	0.6844
colposcopies-2	0.7586	0.2414	0.7403	0.4377	0.6462
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.8065	0.1290	0.7333	0.6810	0.2682
connect-4	0.9808	0.0128	0.5777	0.4424	0.3252
cottonmeloidogyne	0.7740	0.2260	0.7752	0.5484	0.7047
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.9248	0.0215	0.8788	0.8783	0.1896
covtypeCD	0.9965	0.0035	0.9926	0.9851	0.0325

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9888	0.0112	0.9563	0.9124	0.1834
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced	0.9530	0.0157	0.8798	0.9026	0.1018
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.7812	0.0109	0.5990	0.7744	0.0310
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.6296	0.3704	0.6181	0.2241	0.8800
cylinder-bands	0.8333	0.1667	0.8289	0.6573	0.6005
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8976	0.1024	0.7427	0.4845	0.6273
depressed	0.8392	0.1608	0.6278	0.1151	0.4783
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.6999	0.5062	0.3065
DIA	0.8667	0.1333	0.8113	0.5897	0.4665
diabetes	1.0000	0.0000	1.0000	1.0000	0.0000
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5294	0.3137	0.3086	0.0177	0.4982
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5000	0.5000	0.3333	-0.1613	0.9442
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5650	0.4350	0.5596	0.1142	0.9435
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7630	0.1580	0.6907	0.6044	0.4662
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.1277	0.2492	0.0323	0.0000	0.3211
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.1223	0.2508	0.0311	0.0000	0.3189
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2181	0.2234	0.0512	0.0000	0.3777
drug-07	0.3617	0.2128	0.0885	0.0000	0.2699
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8723	0.0365	0.1960	0.0699	0.1044
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1596	0.1142	0.0000	0.2921
drug-17	0.1064	0.2553	0.0275	0.0000	0.3792
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9229	0.0220	0.9378	0.9067	0.1254
ecoli	0.8235	0.0441	0.5245	0.7536	0.1141
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2612	0.0123	0.8439
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.4822	0.0647	0.4980	0.4234	0.4932
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6712	0.1315	0.6586	0.5798	0.3605
euthyroid	0.9652	0.0348	0.8979	0.7944	0.3409
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9672	0.0328	0.9673	0.9341	0.1862
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.7647	0.2353	0.7621	0.5173	0.7107
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9038	0.0481	0.8919	0.8667	0.1055
gas	0.9978	0.0007	0.9979	0.9974	0.0050
gastrointestinal	0.9375	0.0417	0.9244	0.8954	0.0827
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.9432	0.0379	0.9360	0.9089	0.1698
german	0.7200	0.2800	0.6799	0.2689	0.6300
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9712	0.0288	0.9712	0.9424	0.1757
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8571	0.0476	0.8685	0.8067	0.1657
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8333	0.1667	0.8276	0.6543	0.6006
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.6667	0.1667	0.7019	0.5536	0.3918
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7667	0.2333	0.6902	0.3787	0.7748
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.9980	0.0008	0.9978	0.9974	0.0059
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.0898	0.2601	0.0235	0.0000	0.3024

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.7055	0.2945	0.7038	0.4072	0.8144
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.1429	0.2143	0.1250	-0.0120	0.4198
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8786	0.1214	0.7556	0.4258	0.4041
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.5556	0.2963	0.3582	0.0828	0.3773
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.9998	0.0001	0.9998	0.9997	0.0014
htru2	0.9754	0.0246	0.9240	0.8473	0.2768
hypothyroid	0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.7627	0.2373	0.6850	0.3537	0.7533
immuno-therapy	0.6667	0.3333	0.5950	0.1818	0.8134
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.8578	0.1422	0.6739	0.3073	0.6292
kc1-class-level-defectiveornot	0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect	0.6429	0.0298	0.0341	0.1139	0.1206
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8462	0.1538	0.7441	0.4680	0.6202
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9992	0.0001	0.8952	0.9986	0.0009
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.8902	0.0122	0.8957	0.8773	0.1461
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.4118	0.0294	0.1962	0.3901	0.0802
led24	0.6000	0.0800	0.6027	0.5531	0.1938
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9710	0.0022	0.9705	0.9698	0.0338
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.9026	0.8807	0.0480
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8679	0.0264	0.4511	0.8158	0.0756
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6582	0.3077	0.8482
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.8923	0.1077	0.8925	0.7846	0.4521
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7396	0.2604	0.7488	0.4845	0.7281
marketing	0.9018	0.0982	0.7804	0.5399	0.5135
maternal	0.8416	0.1056	0.8439	0.7594	0.3619
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.6783	0.3217	0.6720	0.3439	0.8512
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8889	0.0556	0.9226	0.8475	0.1019
mfeat-fac	0.9650	0.0070	0.9658	0.9611	0.0416
mfeat-fou	0.8350	0.0330	0.8371	0.8167	0.1264
mfeat-kar	0.9800	0.0040	0.9806	0.9778	0.0251
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-zer	0.8300	0.0340	0.8271	0.8111	0.0892
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6176	0.1529	0.5936	0.5201	0.4129
mobile	0.9615	0.0014	0.9644	0.9608	0.0175
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	1.0000	0.0000	1.0000	1.0000	0.0000
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9727	0.0273	0.9465	0.8885	0.1311
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7842	0.2158	0.7770	0.5536	0.6989
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.8501	0.1499	0.8475	0.6942	0.5653
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.8734	0.1266	0.8709	0.7417	0.5094
myocardial	0.8765	0.0309	0.2862	0.4246	0.1793
naticusdroid	0.9724	0.0276	0.9724	0.9448	0.1697
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.9190	0.0085	0.5581	0.7751	0.3372
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4583	0.3611	0.3622	0.0439	0.7943
nursery	0.9992	0.0003	0.7995	0.9989	0.0024
obesity	0.9763	0.0068	0.9757	0.9723	0.0359
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9947	0.0053	0.9925	0.9850	0.0643
Occupancy_Estimation	0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc	0.9505	0.0099	0.9546	0.9434	0.0507
oh10-wc	0.8286	0.0343	0.8320	0.8046	0.1462
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9298	0.0156	0.9215	0.9118	0.0396
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9190	0.0810	0.6744	0.1867	0.3341
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9698	0.0060	0.9716	0.9664	0.0438
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9368	0.0632	0.7246	0.2575	0.1626
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8454	0.1546	0.8256	0.6504	0.5924
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9817	0.0073	0.9249	0.8961	0.1329
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9052	0.0948	0.8986	0.7957	0.4145
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.2806	0.7194	0.2191	0.0000	0.4674

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle10%	0.9269	0.0731	0.9090	0.8180	0.3871
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia	0.7941	0.0588	0.7244	0.7441	0.1659
pendigits	0.9964	0.0007	0.9962	0.9960	0.0072
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9400	0.0600	0.9319	0.8600	0.2695
phishing	0.9837	0.0163	0.9829	0.9656	0.1063
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.9357	0.0184	0.9310	0.9248	0.0797
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.9512	0.0139	0.9469	0.9429	0.0709
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.9296	0.0704	0.9125	0.8246	0.3707
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7027	0.3824	0.7533
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.6316	0.3684	0.6292	0.2570	0.8973
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9630	0.0370	0.6489	0.1776	0.3520
polish-2nd	0.9528	0.0472	0.5588	0.0926	0.5749
polish-3rd	0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th	0.9510	0.0490	0.6933	0.3465	0.4986
polish-5th	0.9628	0.0372	0.8365	0.6382	0.2601
polya	0.8043	0.1957	0.7809	0.5517	0.6480
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.4444	0.3704	0.2051	-0.3636	0.5085
postures	0.9944	0.0023	0.9943	0.9930	0.0168
pred-tox_mutagen_ref-desc	0.7353	0.2647	0.7353	0.4706	0.7723
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2121	0.0716	0.1091	0.1471	0.2636
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7612	0.2388	0.7234	0.4457	0.7589
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9958	0.0017	0.9922	0.9943	0.0131
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8667	0.1333	0.8670	0.7333	0.5178
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.8933	0.0164	0.8923	0.8604	0.1077
re1-wc	0.8373	0.0130	0.6155	0.8125	0.0907

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6633	0.3367	0.6511	0.3021	0.8703
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.9160	0.0280	0.9028	0.8962	0.1343
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9456	0.0544	0.8328	0.6447	0.3646
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9784	0.0062	0.9817	0.9747	0.0263
segmentation	0.8713	0.1287	0.8589	0.7177	0.5271
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9225	0.0775	0.5437	0.0628	0.6074
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8816	0.1184	0.6802	0.1842	0.3526
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9997	0.0001	0.9997	0.9996	0.0008
sepsis	0.9095	0.0905	0.6570	0.0031	0.2085
shoppers	0.9035	0.0965	0.8016	0.5978	0.5414
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9761	0.0239	0.8957	0.7784	0.1990
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9999	0.0001	0.9998	0.9996	0.0035
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1400	0.4300	0.1344	-0.1547	0.8916
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7626	0.0791	0.6306	0.6971	0.2298
sonar	0.7500	0.2500	0.7513	0.5000	0.7429
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9543	0.0457	0.9522	0.9041	0.2482
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer	0.7115	0.0214	0.6030	0.6944	0.0920
splice-EI	0.9748	0.0252	0.9669	0.9337	0.2013
splice-IE	0.9495	0.0505	0.9317	0.8628	0.3352
sport-articles	0.8500	0.1500	0.8383	0.6764	0.5756
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8974	0.1026	0.8369	0.6673	0.4931
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8359	0.1641	0.8182	0.6362	0.6135
steel-p	0.9231	0.0769	0.7077	0.4046	0.5933
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9795	0.0205	0.9450	0.8886	0.3044
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8819	0.1181	0.7920	0.5823	0.5926
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3500	0.2600	0.1636	-0.0185	0.5907
student-weekend	0.3538	0.2585	0.1828	0.0612	0.5814
student-workday	0.7188	0.1125	0.2655	0.0777	0.2017
studentap	0.5385	0.3077	0.5111	0.2909	0.5610
susy1%	0.7964	0.2036	0.7949	0.5860	0.6607
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6667	0.2222	0.6941	0.5000	0.4790
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9855	0.0026	0.9863	0.9840	0.0228
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7872	0.2128	0.4405	-0.0981	0.8198
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8433	0.1567	0.7751	0.4764	0.4318
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.8824	0.0588	0.8875	0.8426	0.1448
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7310	0.4426	0.7072
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6533	0.3467	0.4855	-0.0285	0.9078
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	0.9462	0.0179	0.9436	0.9285	0.0877
trec41-wc	0.9432	0.0114	0.8297	0.9307	0.0623
trec45-wc	0.9420	0.0116	0.8572	0.9320	0.0426
tuandromd	0.9910	0.0090	0.9861	0.9722	0.0959
turkish	0.8250	0.0875	0.8244	0.7667	0.1948
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9714	0.0286	0.7155	0.3874	0.4334
ur3_cobotops_stop	0.9741	0.0259	0.7853	0.5457	0.3878
urban	0.8507	0.0332	0.8468	0.8241	0.1302
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7738	0.1131	0.7351	0.6950	0.1991
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.7071	0.0533	0.7424	0.6778	0.1533
vowelZ	0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9887	0.0032	0.9883	0.9868	0.0240
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.9900	0.0029	0.9899	0.9883	0.0225
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8520	0.0987	0.8535	0.7781	0.3358
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8667	0.0889	0.8309	0.7656	0.3841
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	1.0000	0.0000	1.0000	1.0000	0.0000
wilt	0.9896	0.0104	0.9442	0.8882	0.2208
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white	0.6994	0.0859	0.4185	0.5342	0.3642
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.9645	0.0071	0.9615	0.9602	0.0601

Table 295: Detailed results for FDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1783	0.0783	0.1751	0.1054	0.5378
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9800	0.0200	0.4949	-0.0039	0.4104
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8501	0.1499	0.7753	0.5322	0.5850
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9650	0.0350	0.4911	-0.0171	0.4931
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8873	0.1127	0.8423	0.6823	0.5199
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7238	0.1105	0.2884	0.2232	0.1959
all-aml	0.8333	0.1667	0.8537	0.6667	0.4644
alzheimers	0.9349	0.0651	0.9283	0.8558	0.3237
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family	0.9374	0.0313	0.8720	0.8814	0.2266
anuran-genus	0.8985	0.0254	0.7435	0.8354	0.2975
anuran-species	0.9278	0.0144	0.8180	0.8994	0.1374
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.7600	0.2400	0.7603	0.5200	0.7323
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia	0.7556	0.0489	0.6275	0.5902	0.2130
auction	0.9608	0.0392	0.9076	0.8113	0.2895
audiology	0.9545	0.0083	0.9735	0.9471	0.0293
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8000	0.0800	0.8136	0.7333	0.1680
avila	0.5448	0.0759	0.4265	0.3417	0.3997
babies	0.5000	0.1429	0.1950	0.2129	0.3856
balance	0.8710	0.0860	0.6005	0.7571	0.2402
bank	0.9075	0.0925	0.7654	0.5307	0.6056
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8756	0.1244	0.8654	0.7156	0.4345
basehock	0.8995	0.1005	0.9063	0.7992	0.3497
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8952	0.1048	0.8885	0.7768	0.4558
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6478	0.1761	0.6556	0.5303	0.4750
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8571	0.1429	0.8169	0.6216	0.5439
breast-cancer-co	1.0000	0.0000	1.0000	1.0000	0.0000
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.5455	0.1515	0.4706	0.4444	0.1952
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8621	0.0690	0.6479	0.7174	0.3293
car-insurance	0.8430	0.1570	0.8131	0.6241	0.6032
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.8122	0.0376	0.7969	0.7769	0.2155
cardiotocography-nsp	0.8732	0.0845	0.7939	0.6629	0.4314
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6502	0.5274	0.5391
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.6800	0.3200	0.6774	0.3547	0.8472
cas_N6512_RDkit_AtomPair_FP	0.7132	0.2868	0.7106	0.4207	0.8040
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.6892	0.3108	0.6880	0.3760	0.8349
cas_N6512_rdkit_FEATMORGAN	0.7035	0.2965	0.7011	0.4021	0.8177
cas_N6512_RDkit_Featmorgan_FP	0.7331	0.2669	0.7321	0.4641	0.7759
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7527	0.2473	0.7506	0.4978	0.7390
cas_N6512_RDkit_MACCS_FP	0.7531	0.2469	0.7524	0.5045	0.7452
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7772	0.2228	0.7536	0.5069	0.7255
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9070	0.0930	0.5753	0.1506	0.6606
cervical-H	0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9997	0.0003	0.9091	0.8110	0.1587
chrom191%	0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%	0.9990	0.0010	0.7701	0.5400	0.4989
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9337	0.0663	0.7096	0.3282	0.3984
churn	0.8470	0.1530	0.7400	0.4656	0.6383
churn-bigml	0.8876	0.1124	0.7523	0.4960	0.6016
ci900367j_MACCS	0.7368	0.2632	0.7124	0.4189	0.7746
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.5427	0.5635	0.3923
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7611	0.1194	0.5128	0.6204	0.3646
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.7500	0.1667	0.7856	0.5814	0.3402
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5510	0.2993	0.5215	0.2973	0.6994
cnae-9	0.7222	0.0617	0.8010	0.6875	0.1919
codon_usage	0.6938	0.0557	0.4653	0.6248	0.4061
coil20	0.8542	0.0146	0.8451	0.8465	0.0755
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6552	0.3448	0.6009	0.1989	0.8928
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.6552	0.3448	0.5330	0.0645	0.9084
colposcopies-5	0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6	0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7543	0.6895	0.2733
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7260	0.2740	0.7259	0.4518	0.7858
coupon	0.6948	0.3052	0.6856	0.3694	0.8296

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9473	0.0527	0.8826	0.7614	0.3685
covtypeT	0.9506	0.0494	0.8214	0.6413	0.5319
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8737	0.0421	0.7087	0.7390	0.4032
cryotherapy	0.8889	0.1111	0.8953	0.7692	0.3145
cultivars	0.0312	0.0484	0.0250	0.0255	0.1917
customer-churn	0.9558	0.0442	0.6891	0.3327	0.5243
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands	0.7778	0.2222	0.7709	0.5352	0.6921
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8273	0.1727	0.7182	0.4107	0.6512
defect	0.9537	0.0463	0.9104	0.8089	0.2051
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8929	0.1071	0.7299	0.4588	0.6402
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9189	0.0270	0.9249	0.8991	0.0971
desharnais	0.8750	0.0833	0.8333	0.7714	0.0991
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.7500	0.1667	0.7711	0.6049	0.2540
DIA	0.7667	0.2333	0.6384	0.2432	0.7461
diabetes	0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7555	0.0978	0.7412	0.6516	0.3351
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5833	0.4167	0.6000	0.1892	0.8935
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5340	0.4660	0.5371	0.0732	0.9710
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7427	0.1716	0.6741	0.5722	0.4943
drug-01	0.4574	0.1550	0.3604	0.1458	0.4072
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6862	0.0897	0.1166	0.0059	0.3116
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.3346	0.2923	0.4818
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5372	0.1322	0.1172	-0.0011	0.3564
drug-09	0.8617	0.0461	0.1547	0.0271	0.2638
drug-10	0.5585	0.1261	0.1744	0.1662	0.4022

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6223	0.1079	0.1791	0.2792	0.3388
drug-14	0.5798	0.1201	0.2609	0.2670	0.5774
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6011	0.1140	0.2712	0.3389	0.4700
drug-17	0.3723	0.1793	0.1710	0.1285	0.5014
drug-18	0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9184	0.0233	0.9325	0.9013	0.1260
ecoli	0.8824	0.0392	0.8696	0.8361	0.1316
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6689	0.3311	0.6620	0.3178	0.8503
eeg10%	0.3249	0.0844	0.2990	0.2559	0.6857
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6575	0.1370	0.6255	0.5574	0.3940
euthyroid	0.9652	0.0348	0.9098	0.8165	0.4062
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.6016	0.0469	0.4880	0.5516	0.2940
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.8235	0.1765	0.8250	0.6366	0.5710
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.8846	0.0577	0.8750	0.8402	0.1464
gas	0.9425	0.0192	0.9429	0.9303	0.1021
gastrointestinal	0.7500	0.1667	0.5623	0.5616	0.2839
gender	0.6168	0.2554	0.4867	0.1796	0.5305
gene	0.9022	0.0652	0.8917	0.8453	0.2565
german	0.7200	0.2800	0.6713	0.3120	0.7636
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8876	0.1124	0.8878	0.7753	0.4656
gisette	0.9357	0.0643	0.9360	0.8714	0.3142
glass	0.7143	0.0952	0.7157	0.5962	0.2170
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8623	0.6885	0.4011
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.4062	0.1818	0.5179
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.6667	0.3333	0.5739	0.1477	0.8809
hapt	0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har	0.6779	0.1288	0.6810	0.5936	0.4281
har70	0.8367	0.0467	0.4968	0.7625	0.2071
har701%	0.8398	0.0458	0.4984	0.7678	0.2977
har7010%	0.8432	0.0448	0.5363	0.7718	0.1959
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.7655	0.0391	0.3767	0.6737	0.2530
harth10%	0.7672	0.0388	0.4117	0.6761	0.2727
hayes-roth	0.6250	0.2500	0.4676	0.3766	0.3833
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7600	0.1200	0.2159	-0.0101	0.3656
heart	0.9630	0.0370	0.9635	0.9244	0.1967
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure	0.9000	0.1000	0.8821	0.7630	0.4506
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8333	0.1667	0.8338	0.6665	0.5933
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.7009	0.2991	0.6993	0.3985	0.8206
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.2500	0.0888	0.3443
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8988	0.1012	0.8156	0.6304	0.5554
hiva	0.9645	0.0355	0.6587	0.2709	0.4898
horse	0.6389	0.2407	0.5833	0.3527	0.5872
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.6821	0.2119	0.6872	0.5245	0.5352
htru2	0.9793	0.0207	0.9354	0.8682	0.1975
hypothyroid	0.9682	0.0159	0.6834	0.8349	0.2395
hypothyroidT	0.9894	0.0106	0.9660	0.9297	0.2551
ilpd	0.6780	0.3220	0.5393	0.0682	0.8756
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.9380	0.0310	0.9410	0.9173	0.1030
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.6496	0.0270	0.6579	0.6355	0.2502
jm1	0.8127	0.1873	0.6375	0.2387	0.7033
jvowels	0.9096	0.0201	0.9046	0.8977	0.1379
kc1	0.8389	0.1611	0.6478	0.2832	0.7176
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6935	0.3863	0.7537
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kepler	0.8619	0.0921	0.8145	0.7717	0.2467
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3415	0.0732	0.3455	0.2596	0.5682
krvskp	0.9310	0.0690	0.9310	0.8618	0.3354
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0205	0.7849	0.7538	0.0582
led24	0.6000	0.0889	0.6377	0.5455	0.2261
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.6630	0.0259	0.6734	0.6495	0.3018
leukemia	0.7143	0.1905	0.7778	0.5882	0.2985
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8333	0.0222	0.8357	0.8215	0.0644
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9508	0.0492	0.9477	0.8954	0.2740
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.4842	0.0938	0.2534	0.3440	0.6106
lrs	0.8302	0.0485	0.5540	0.7666	0.1464
lung	0.8571	0.0571	0.8272	0.7136	0.2174
lung_discrete	0.8750	0.0500	0.9000	0.8431	0.0660
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.8456	0.6147	0.3285
lymphoma2	0.7778	0.0741	0.6496	0.6842	0.0899
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.6115	0.3885	0.6121	0.2231	0.9152
magic04	0.8501	0.1499	0.8321	0.6578	0.5545
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8795	0.1205	0.7241	0.4268	0.6036
maternal	0.6733	0.2178	0.6755	0.4959	0.4858
math	0.8750	0.0625	0.8256	0.8054	0.1906
mba	0.8210	0.1194	0.3957	0.1672	0.3913
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.7652	0.2348	0.7617	0.5234	0.7288
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9148	0.9221	0.0473
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9150	0.0170	0.9174	0.9056	0.0957
mfeat-fou	0.7500	0.0500	0.7495	0.7222	0.2116
mfeat-kar	0.8850	0.0230	0.8888	0.8722	0.1186
mfeat-mor	0.7200	0.0560	0.7223	0.6889	0.1983
mfeat-pix	0.8350	0.0330	0.8408	0.8167	0.1816
mfeat-zer	0.7550	0.0490	0.7653	0.7278	0.2029
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9151	0.0566	0.9006	0.8685	0.1500
mines	0.5000	0.2000	0.4722	0.3765	0.3764
mobile	0.6818	0.0114	0.7038	0.6760	0.1366
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4672	0.0969	0.4812	0.3636	0.5383
musk	0.9136	0.0864	0.8171	0.6046	0.4066
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7218	0.2782	0.7129	0.4256	0.7974
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.7398	0.2602	0.7289	0.4545	0.7660
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.7641	0.2359	0.7556	0.5105	0.7327
MUT_ci300400a_rdkit_descriptors	0.7594	0.2406	0.7533	0.5065	0.7399
myocardial	0.8706	0.0324	0.2414	0.2917	0.1026
naticusdroid	0.9427	0.0573	0.9433	0.8854	0.2833
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.3333	0.2222	0.2500	0.2000	0.3026
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8539	0.0154	0.3441	0.6320	0.7091
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6655	0.3345	0.6630	0.3253	0.8629
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5139	0.3241	0.2263	-0.0223	0.4554
nursery	0.9059	0.0471	0.8192	0.8607	0.1365
obesity	0.8863	0.0325	0.8860	0.8671	0.1379
obs	0.8611	0.0694	0.8985	0.7924	0.1860
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9891	0.0054	0.9628	0.9668	0.0209
oh0-wc	0.8020	0.0396	0.8419	0.7696	0.1311
oh10-wc	0.6286	0.0743	0.7071	0.5732	0.2700
oh15-wc	0.6413	0.0717	0.7052	0.5822	0.2585
oh5-wc	0.6374	0.0725	0.7294	0.5887	0.2411
olive	0.9123	0.0195	0.8947	0.8918	0.0811
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9190	0.0810	0.7211	0.4355	0.5995
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.8292	0.0342	0.8297	0.8101	0.2022
optdigitsZ	0.9911	0.0089	0.9723	0.9446	0.1384
orl	0.6750	0.0163	0.6365	0.6667	0.0614
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9565	0.0435	0.6657	0.3305	0.5972
ozone8hr	0.9249	0.0751	0.6673	0.3090	0.5867
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8608	0.1392	0.8483	0.6956	0.5596
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8175	0.1825	0.8200	0.6360	0.6183
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9543	0.0183	0.6619	0.7579	0.4414
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.9147	0.0853	0.9099	0.8133	0.3435

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.9115	0.0885	0.8904	0.7808	0.4429
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.8919	0.1081	0.5959	0.1917	0.6792
pcmac	0.5876	0.4124	0.5435	0.0262	0.6698
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia	0.8235	0.0504	0.8525	0.7866	0.1697
pendigits	0.8808	0.0238	0.8840	0.8675	0.1372
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8105	0.1895	0.7944	0.5853	0.6484
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9347	0.0653	0.9313	0.8625	0.3272
PhiUSIIL10%	0.9970	0.0030	0.9970	0.9939	0.0223
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.6937	0.0875	0.6729	0.6410	0.3263
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.6963	0.0868	0.6793	0.6442	0.3405
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.6999	0.0857	0.6839	0.6485	0.3210
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8074	0.1926	0.7576	0.5142	0.6962
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7368	0.2632	0.7174	0.4225	0.7566
pirvision	0.9882	0.0078	0.9794	0.9627	0.0749
placement	0.8020	0.1980	0.7953	0.5893	0.6627
plant-growth	0.7368	0.2632	0.7531	0.4809	0.6961
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9429	0.0571	0.6889	0.3746	0.5999
polish-5th	0.9289	0.0711	0.6266	0.1953	0.5375
polya	0.7632	0.2368	0.7344	0.4637	0.7394
popularity	0.6762	0.2159	0.4751	0.2501	0.5513
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7207	0.4412	0.7929
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4242	0.0886	0.3022	0.3455	0.2372
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8060	0.1940	0.7737	0.5442	0.6746
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8690	0.0524	0.7837	0.8230	0.2052
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9808	0.0192	0.9407	0.8785	0.1663
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.7467	0.0390	0.7383	0.6671	0.3374
re1-wc	0.6988	0.0241	0.5559	0.6464	0.2127
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9852	0.0148	0.9850	0.9700	0.1024
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6401	0.3599	0.6167	0.2292	0.8935
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8585	0.0472	0.8373	0.8259	0.2007
satimageF	0.9860	0.0140	0.9632	0.9255	0.1348
satimageT	0.9285	0.0715	0.7927	0.5836	0.5438
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5294	0.4706	0.5303	0.0588	0.9712
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9515	0.9342	0.0617
segmentation	0.8218	0.1782	0.8028	0.6042	0.6372
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8658	0.1342	0.5503	0.0232	0.4453
sens-3-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-4-gram	0.8737	0.1263	0.6338	0.1633	0.5114
sens-5-gram	0.8658	0.1342	0.5807	0.0754	0.5299
sens-6-gram	0.8632	0.1368	0.5547	0.0445	0.5361
sens-7-gram	0.8658	0.1342	0.5807	0.0754	0.5299
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8897	0.1103	0.7997	0.5977	0.6039
shuttle	0.9595	0.0116	0.8509	0.8794	0.3224
sick	0.9788	0.0212	0.9114	0.8220	0.3006
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9418	0.0582	0.9150	0.8287	0.3892
skin10%	0.9359	0.0641	0.9046	0.8088	0.4075
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7410	0.0863	0.6107	0.6674	0.2259
sonar	0.4000	0.6000	0.3979	-0.2000	1.0000
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9560	0.0440	0.8671	0.7340	0.4392
spambase	0.9239	0.0761	0.9202	0.8389	0.3492
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8000	0.2000	0.7481	0.4948	0.7085

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectrometer	0.7885	0.0157	0.6860	0.7762	0.0711
splice-EI	0.9527	0.0473	0.9418	0.8801	0.3165
splice-IE	0.8991	0.1009	0.8603	0.7206	0.5070
sport-articles	0.8500	0.1500	0.8368	0.6652	0.5402
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8673	0.0885	0.8335	0.7846	0.2889
steel-b	0.8103	0.1897	0.7325	0.4623	0.7140
steel-d	0.9641	0.0359	0.8031	0.5712	0.5532
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7641	0.2359	0.7281	0.4300	0.6950
steel-p	0.9333	0.0667	0.7601	0.5161	0.5590
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9538	0.0462	0.8938	0.7746	0.4674
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9931	0.0069	0.9882	0.9762	0.0333
stockb	0.9956	0.0029	0.9956	0.9934	0.0158
streaming	0.9900	0.0100	0.9899	0.9798	0.0711
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6250	0.1500	0.2762	0.3606	0.3313
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3538	0.2585	0.1150	0.0109	0.4613
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1961	0.0189	0.4727
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.8002	0.1998	0.7998	0.5924	0.6429
susy10%	0.7969	0.2031	0.7962	0.5858	0.6512
tae	0.5333	0.3111	0.5926	0.3000	0.5315
telco-churn	0.9048	0.0952	0.8742	0.7443	0.4365
texture	0.9709	0.0053	0.9731	0.9679	0.0384
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.8316	0.1684	0.8089	0.6171	0.6246
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.6471	0.1765	0.6541	0.5256	0.2746
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.5608	0.1147	0.8550
trec11-wc	0.8780	0.0271	0.7574	0.8504	0.1096
trec12-wc	0.7742	0.0565	0.7085	0.7301	0.1849
trec21-wc	0.8788	0.0485	0.7068	0.7672	0.3647
trec23-wc	0.8095	0.0635	0.7223	0.7383	0.1895
trec31-wc	0.9247	0.0251	0.8752	0.9003	0.1328
trec41-wc	0.8750	0.0250	0.8603	0.8481	0.1322
trec45-wc	0.8116	0.0377	0.7437	0.7823	0.1399
tuandromd	0.9753	0.0247	0.9623	0.9244	0.2222
turkish	0.8250	0.0875	0.8343	0.7667	0.2422
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9308	0.0692	0.9264	0.8467	0.2794
tvnews10%	0.8751	0.1249	0.8643	0.7276	0.5080

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7761	0.0498	0.8049	0.7378	0.1936
urinalysis	0.9301	0.0699	0.6270	0.2497	0.6378
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7381	0.1310	0.6998	0.6464	0.2614
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5051	0.0900	0.5411	0.4556	0.2190
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.4936	0.0506	0.4330	0.4360	0.3107
warpar10p	0.6154	0.0769	0.5049	0.5638	0.1180
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.6778	0.0921	0.6837	0.6228	0.3454
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.6700	0.0943	0.6804	0.6144	0.3353
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2633	0.3683	0.1917	0.0053	0.4808
waveform	0.8400	0.1067	0.8404	0.7600	0.3695
weather-related	0.9038	0.0175	0.9127	0.8908	0.1004
web-phishing	0.8296	0.1136	0.6257	0.6897	0.4693
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9800	0.0100	0.9807	0.9733	0.0350
wilt	0.9855	0.0145	0.9324	0.8603	0.3666
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5220	0.1593	0.3235	0.2465	0.6233
winequality-white	0.5112	0.1396	0.2611	0.2519	0.5320
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7652	0.7333	0.0687
yeast	0.5338	0.1036	0.4708	0.4062	0.4103
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.7610	0.4813	0.5550
yeastME1	0.9595	0.0405	0.8164	0.5542	0.5239
yeastME2	0.9459	0.0541	0.6564	0.3060	0.6026
zip	0.8129	0.0374	0.8006	0.7903	0.2417

Table 296: Detailed results for FWSSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1614	0.0799	0.1275	0.0912	0.5928
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9726	0.0274	0.9414	0.8808	0.2032
adult	0.8462	0.1538	0.7735	0.5394	0.6244
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.7619	0.2381	0.4672	-0.0588	0.6265
AID_1431_MACCSFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878	0.7810	0.2190	0.4948	-0.0075	0.7914
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8592	0.1408	0.7975	0.5860	0.5790
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.7714	0.0914	0.3342	0.4677	0.2701
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8512	0.1488	0.8355	0.6704	0.5752
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9444	0.0278	0.8832	0.8929	0.2226
anuran-genus	0.9666	0.0083	0.9108	0.9452	0.1740
anuran-species	0.9667	0.0067	0.9296	0.9537	0.0836
anxiety	0.1000	0.2000	0.0979	-0.0135	0.7958
apple-quality	0.7300	0.2700	0.7317	0.4600	0.7710
aps-failure	0.9809	0.0191	0.7198	0.4390	0.5422
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9938	0.0062	0.7524	0.4300	0.2514
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.7333	0.0410	0.4356	0.5519	0.2618
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.8182	0.0331	0.7575	0.7800	0.0958

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.9310	0.0690	0.9310	0.8619	0.3353
autos	0.6500	0.1167	0.4947	0.5254	0.2595
avila	0.5707	0.0716	0.4377	0.3796	0.4284
babies	0.4516	0.1567	0.1914	0.1541	0.5890
balance	0.8710	0.0860	0.7024	0.7665	0.3957
bank	0.9099	0.0901	0.7381	0.4533	0.5504
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9032	0.0968	0.8947	0.7833	0.3913
basehock	0.9548	0.0452	0.9550	0.9095	0.2428
bio	0.9970	0.0029	0.9092	0.8057	0.0968
bio10%	0.9973	0.0027	0.9291	0.8558	0.3492
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5761	0.2119	0.5704	0.4348	0.4722
brain-tumor	0.5075	0.4925	0.5074	0.0148	0.9948
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.7738	0.7800	0.0411
bridges	0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4900	0.3400	0.3011	-0.0029	0.4063
car	0.8678	0.0661	0.6598	0.7205	0.3310
car-insurance	0.8310	0.1690	0.8014	0.6025	0.6363
card	0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography	0.8310	0.0338	0.7793	0.7975	0.2212
cardiotocography-nsp	0.8967	0.0689	0.8056	0.7206	0.3078
cardiovascular	0.7193	0.2807	0.7232	0.4386	0.7742
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6039	0.4977	0.5002
cas_N6512_cdk_ECFP2	0.7558	0.2442	0.7535	0.5058	0.7394
cas_N6512_rdkit_ATOMPAIR	0.7354	0.2646	0.7333	0.4663	0.7732
cas_N6512_RDkit_AtomPair_FP	0.7163	0.2837	0.7136	0.4260	0.7988
cas_N6512_rdkit_AVALON	0.7604	0.2396	0.7590	0.5180	0.7348
cas_N6512_RDkit_Avalon_FP	0.7945	0.2055	0.7934	0.5867	0.6760
cas_N6512_rdkit_descriptors	0.7338	0.2662	0.7326	0.4652	0.7752
cas_N6512_rdkit_FEATMORGAN	0.7527	0.2473	0.7511	0.5022	0.7471
cas_N6512_RDkit_Featmorgan_FP	0.7607	0.2393	0.7589	0.5175	0.7338
cas_N6512_RDkit_FP	0.7101	0.2899	0.7089	0.4178	0.8082
cas_N6512_rdkit_LAYERED	0.7246	0.2754	0.7238	0.4474	0.7876
cas_N6512_RDkit_Layered_FP	0.7485	0.2515	0.7465	0.4928	0.7533
cas_N6512_rdkit_MACCS	0.7665	0.2335	0.7647	0.5260	0.7161
cas_N6512_RDkit_MACCS_FP	0.7776	0.2224	0.7765	0.5529	0.7059
cas_N6512_rdkit_MORGAN	0.7538	0.2462	0.7523	0.5045	0.7453
cas_N6512_RDkit_morgan_FP	0.7638	0.2362	0.7620	0.5239	0.7290
cas_N6512_rdkit_PATTERN	0.7692	0.2308	0.7677	0.5353	0.7202
cas_N6512_RDkit_pattern_FP	0.7653	0.2347	0.7657	0.5302	0.7229

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_RDKITFP	0.7112	0.2888	0.7097	0.4194	0.8072
cas_N6512_rdkit_TORSION	0.7369	0.2631	0.7368	0.4728	0.7686
ccds1%	0.9615	0.0385	0.6177	0.1165	0.3554
ccds10%	0.9394	0.0606	0.6420	0.2804	0.6087
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7772	0.2228	0.7585	0.5167	0.7231
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9752	0.0248	0.8307	0.6282	0.2594
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9483	0.0517	0.5535	0.0440	0.4242
census10%	0.9515	0.0485	0.7329	0.3286	0.2357
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8904	0.0548	0.8618	0.8359	0.2230
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.7972	0.5942	0.4802
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8652	0.1348	0.6551	0.2065	0.5135
ci900367j_MACCS	0.7474	0.2526	0.7289	0.4574	0.7669
circles	0.9410	0.0012	0.9544	0.9404	0.0152
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7704	0.1148	0.4871	0.6218	0.2801
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4830	0.3447	0.4454	0.1404	0.6641
cnae-9	0.9537	0.0103	0.9551	0.9479	0.0519
codon_usage	0.8749	0.0227	0.7066	0.8484	0.2679
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.6200	0.0507	0.6005	0.5776	0.1854
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7241	0.2759	0.5851	0.1655	0.8480
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7692	0.2308	0.7692	0.5384	0.7190
coupon	0.6861	0.3139	0.6774	0.3539	0.8419
covtype10%	0.7124	0.0822	0.5391	0.5256	0.3864
covtypeCD	0.9458	0.0542	0.8785	0.7518	0.3661
covtypeT	0.9408	0.0592	0.7323	0.4452	0.5256
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8912	0.0363	0.7630	0.7755	0.3597
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.3750	0.0312	0.2585	0.3574	0.0905
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cybersecurity	0.1667	0.2778	0.0804	-0.0121	0.5266
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.6852	0.3148	0.6940	0.2971	0.6308
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7987	0.2013	0.6533	0.1630	0.5037
defect	0.8796	0.1204	0.7499	0.3588	0.2610
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9000	0.1000	0.7117	0.3927	0.5701
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9409	0.9326	0.0579
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.6167	0.3833	0.6200	0.2333	0.8952
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7167	0.2833	0.6138	0.2273	0.8427
diabetes	0.8846	0.1154	0.8781	0.7562	0.4872
diabetic	0.5759	0.2827	0.4303	0.1798	0.6316
diabetic1%	0.5882	0.2745	0.5143	0.2611	0.6458
diabetic10%	0.5216	0.3189	0.3977	0.1008	0.7151
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all	0.5857	0.1657	0.4324	0.3859	0.4996
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9954	0.0046	0.5730	0.1458	0.5394
dorothea	0.9304	0.0696	0.7608	0.4682	0.4114
dota2	0.6022	0.3978	0.5990	0.1962	0.9243
dota210%	0.5592	0.4408	0.5551	0.1092	0.9601
drebin	0.9787	0.0213	0.9771	0.9543	0.1449
dropout	0.7630	0.1580	0.6555	0.5901	0.4262
drug-01	0.3830	0.1763	0.1854	0.0931	0.6925
drug-02	0.5160	0.1383	0.2375	0.1635	0.6157
drug-03	0.6915	0.0881	0.1475	0.0283	0.2403
drug-04	0.4947	0.1444	0.1596	0.1071	0.6426
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2642	0.2837	0.5094
drug-07	0.4521	0.1565	0.1376	0.0736	0.3996
drug-08	0.5638	0.1246	0.2047	0.1483	0.4164
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5638	0.1246	0.2527	0.1750	0.4194
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6064	0.1125	0.2117	0.2016	0.4040
drug-14	0.5798	0.1201	0.2110	0.2142	0.5529
drug-15	0.7447	0.0729	0.1235	0.0383	0.3618
drug-16	0.6170	0.1094	0.2936	0.3412	0.3768
drug-17	0.3511	0.1854	0.1987	0.1243	0.7232
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0060	0.2613
drybean	0.9273	0.0208	0.9395	0.9120	0.1200
ecoli	0.8529	0.0368	0.5432	0.7974	0.1292
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2800	0.3600	0.2803	0.0409	0.8257
eeg	0.3897	0.0763	0.4131	0.3270	0.6830
eeg-eye	0.6055	0.3945	0.6061	0.1473	0.7607
eeg10%	0.3858	0.0768	0.3934	0.3224	0.6333
eucalyptus	0.3836	0.2466	0.2705	0.1394	0.3539
euthyroid	0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%	0.8874	0.1126	0.8925	0.7761	0.4247
fakenews	0.5350	0.4650	0.5351	0.0701	0.9785
farm-ads	0.8986	0.1014	0.8981	0.7958	0.4346
fbis-wc	0.8415	0.0187	0.8195	0.8199	0.1358
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8824	0.1176	0.8815	0.7606	0.4688
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.5500	0.1286	0.4771	0.4322	0.3370
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9892	0.0036	0.9893	0.9869	0.0279
gastrointestinal	0.6875	0.2083	0.5017	0.4521	0.4318
gender	0.5811	0.2793	0.3243	0.0090	0.4418
gene	0.9180	0.0547	0.9096	0.8689	0.2396
german	0.7600	0.2400	0.7248	0.4103	0.6710
gestures	0.3878	0.3061	0.4205	0.1843	0.6752
gina	0.8617	0.1383	0.8616	0.7232	0.5329
gisette	0.9700	0.0300	0.9700	0.9400	0.1817
glass	0.6667	0.1111	0.6644	0.5196	0.2537
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.3787	0.2500	0.5444
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9634	0.0061	0.8606	0.9567	0.0486
har	0.7462	0.1015	0.7368	0.6783	0.4001
har701%	0.7730	0.0649	0.3968	0.6304	0.1324
har7010%	0.7738	0.0646	0.3984	0.6317	0.1302
harth1%	0.6556	0.0574	0.2665	0.5085	0.2826
hayes-roth	0.3750	0.4167	0.3972	0.0303	0.7342
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8500	0.1500	0.8245	0.6488	0.5939
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8379	0.1621	0.8380	0.6758	0.5873
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
higgs0.1%	0.6555	0.3445	0.6535	0.2980	0.8556
higgs1%	0.6436	0.3564	0.6430	0.2697	0.8505
higher	0.1429	0.2143	0.0556	0.0000	0.3582
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9376	0.0624	0.8869	0.7730	0.4066
hiva	0.9480	0.0520	0.4867	-0.0231	0.6309
horse	0.6389	0.2407	0.6027	0.3684	0.6029
hr	0.8526	0.1474	0.4602	-0.0199	0.5496
ht-sensor10%	0.5962	0.2692	0.6012	0.3970	0.6288
htru2	0.9799	0.0201	0.9370	0.8707	0.1738
hypothyroid	0.9682	0.0159	0.6623	0.7967	0.1894
hypothyroidT	0.9655	0.0345	0.8668	0.6944	0.1058
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9533	0.0233	0.9544	0.9378	0.0902
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9255	0.0057	0.9273	0.9226	0.0666
jm1	0.8118	0.1882	0.6128	0.0817	0.4882
jvowels	0.9508	0.0109	0.9468	0.9442	0.0784
kc1	0.8626	0.1374	0.6787	0.2727	0.5332
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.5385	0.1846	0.1750	0.2200	0.4069
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.8628	0.0392	0.8638	0.8399	0.2242
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9988	0.0002	0.8860	0.9979	0.0107
kepler	0.8808	0.0795	0.8412	0.8033	0.2076
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.8750	0.1250	0.8689	0.7368	0.5144
krkopt	0.2727	0.0808	0.2436	0.1828	0.6478
krvskp	0.9624	0.0376	0.9633	0.9248	0.1951
la1s-wc	0.8444	0.0519	0.8218	0.8047	0.2725
la2s-wc	0.8742	0.0419	0.8588	0.8415	0.2322
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8529	0.0128	0.8587	0.8455	0.0404
led24	0.7000	0.0600	0.6650	0.6610	0.1243
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7840	0.0166	0.7817	0.7753	0.2232
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8889	0.0148	0.8999	0.8806	0.0506
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9274	0.0726	0.9225	0.8449	0.3560
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.9057	0.0189	0.5848	0.8689	0.0544
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8830	0.1170	0.8800	0.7599	0.4864
madelon	0.5577	0.4423	0.5585	0.1154	0.9568
magic04	0.7838	0.2162	0.7545	0.5002	0.6961
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8430	0.6859	0.5749
marketing	0.8527	0.1473	0.5837	0.0410	0.4325
maternal	0.6337	0.2442	0.6433	0.4346	0.5374
math	0.7750	0.1125	0.7164	0.6491	0.3105
mba	0.8387	0.1075	0.3859	0.0270	0.2282
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2400	0.3040	0.2450	0.0491	0.8349
messidor	0.7304	0.2696	0.7342	0.4627	0.7633
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.9167	0.8475	0.1419
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9800	0.0040	0.9804	0.9778	0.0253
mfeat-fou	0.8200	0.0360	0.8227	0.8000	0.1750
mfeat-kar	0.9600	0.0080	0.9601	0.9556	0.0508
mfeat-mor	0.7300	0.0540	0.7356	0.7000	0.1812
mfeat-pix	0.9750	0.0050	0.9756	0.9722	0.0292
mfeat-zer	0.8400	0.0320	0.8382	0.8222	0.0939
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8774	0.0818	0.8811	0.8152	0.2779
mines	0.5588	0.1765	0.5568	0.4408	0.4111
mobile	0.7797	0.0079	0.7883	0.7757	0.1035
monks-1	0.6182	0.3818	0.6203	0.2326	0.8914
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4794	0.0946	0.4885	0.3797	0.5501
musk	0.9348	0.0652	0.8664	0.7204	0.3559
MUT_ci300400a_cdk_ECFP2	0.8153	0.1847	0.8086	0.6153	0.6344
MUT_ci300400a_cdk_ECFP4	0.7844	0.2156	0.7779	0.5558	0.6991
MUT_ci300400a_cdk_ECFP6	0.7569	0.2431	0.7484	0.4960	0.7443
MUT_ci300400a_cdk_ESTATE	0.6930	0.3070	0.6904	0.3789	0.8256
MUT_ci300400a_cdk_EXTENDED	0.7602	0.2398	0.7536	0.5073	0.7396
MUT_ci300400a_cdk_FCFP2	0.7772	0.2228	0.7705	0.5410	0.7116
MUT_ci300400a_cdk_FCFP4	0.7854	0.2146	0.7778	0.5548	0.6957
MUT_ci300400a_cdk_FCFP6	0.7866	0.2134	0.7824	0.5643	0.6931
MUT_ci300400a_cdk_MACCS	0.7590	0.2410	0.7490	0.4939	0.7331
MUT_ci300400a_cdk_PUBCHEM	0.8299	0.1701	0.8240	0.6473	0.6079
MUT_ci300400a_cdk_STANDARD	0.7593	0.2407	0.7532	0.5063	0.7406
MUT_ci300400a_rdkit_descriptors	0.7782	0.2218	0.7720	0.5435	0.7077
myocardial	0.8824	0.0294	0.3603	0.4284	0.1554
naticusdroid	0.9560	0.0440	0.9560	0.9120	0.2415
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA1%	0.8798	0.0126	0.2649	0.6335	0.2987
neo	0.9026	0.0974	0.4744	-0.0002	0.2304
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6488	0.3512	0.6465	0.2927	0.8820

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9472	0.0528	0.9350	0.8700	0.3074
NPHA-doctor-visits	0.5139	0.3241	0.3081	0.0016	0.5261
nursery	0.9306	0.0347	0.8888	0.8979	0.1427
obesity	0.7915	0.0596	0.7839	0.7565	0.2164
obs	0.7870	0.1065	0.8194	0.6738	0.2716
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9931	0.0035	0.9767	0.9790	0.0301
oh0-wc	0.8317	0.0337	0.8181	0.8062	0.1557
oh10-wc	0.7048	0.0590	0.6565	0.6633	0.2673
oh15-wc	0.6739	0.0652	0.6331	0.6308	0.3170
oh5-wc	0.8132	0.0374	0.8051	0.7892	0.1737
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9133	0.0867	0.6659	0.0385	0.2026
opnat310k-hg16-17	0.9091	0.0909	0.6567	0.0019	0.2092
optdigits	0.9591	0.0082	0.9605	0.9545	0.0585
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9684	0.0316	0.7102	0.1943	0.0960
ozone8hr	0.9289	0.0711	0.6520	0.1647	0.3724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7938	0.2062	0.7780	0.5538	0.6913
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8565	0.7125	0.5429
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.8497	0.8226	0.1057
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8104	0.1896	0.8049	0.6069	0.6490
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.9004	0.0996	0.8744	0.7478	0.4652
particle10%	0.8715	0.1285	0.8360	0.6689	0.5406
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4588	0.5412	0.4502	-0.0993	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8026	0.1974	0.7415	0.4828	0.7174
pediatric-leukemia	0.8824	0.0336	0.8069	0.8547	0.0910
pendigits	0.9591	0.0082	0.9592	0.9545	0.0659
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
persistency	0.8134	0.1866	0.7980	0.5936	0.6458
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phoneme	0.7741	0.2259	0.7186	0.4370	0.7543
phy	0.6930	0.3070	0.6930	0.3859	0.8298
pima	0.7368	0.2632	0.7221	0.4006	0.6803
pirvision	0.9895	0.0070	0.9737	0.9668	0.0550
placement	0.7980	0.2020	0.7928	0.5857	0.6740
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4937	0.1447	0.1352	-0.0010	0.2820
poker10%	0.5002	0.1250	0.1142	0.0023	0.1945

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9429	0.0571	0.4853	-0.0076	0.4138
polish-5th	0.9323	0.0677	0.6329	0.0822	0.2909
polya	0.7805	0.2195	0.7545	0.5042	0.7093
popularity	0.6643	0.2238	0.4141	0.2123	0.4770
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8512	0.0595	0.8514	0.8140	0.2463
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6373	0.2647	0.8720
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4545	0.0839	0.4324	0.3914	0.2524
profb	0.7015	0.2985	0.6633	0.1184	0.4472
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8362	0.0655	0.7834	0.7789	0.2474
puc-rio10%	0.8401	0.0640	0.7811	0.7842	0.2478
pufs-1281%	0.5047	0.4953	0.5047	0.0093	0.9973
pufs-641%	0.5008	0.4992	0.5008	0.0017	0.9995
pulsar	0.9777	0.0223	0.9303	0.8546	0.1586
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.8133	0.0287	0.8181	0.7613	0.2587
re1-wc	0.7651	0.0188	0.6695	0.7330	0.2079
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5980	0.4020	0.5710	0.1395	0.9352
RT_IOT2022	0.9895	0.0017	0.9381	0.9737	0.0217
satimage	0.8414	0.0529	0.7972	0.8023	0.1977
satimageF	0.9829	0.0171	0.9549	0.9090	0.1719
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8910	0.1090	0.6031	0.2031	0.6525
secondary_mushroom	0.8869	0.1131	0.8857	0.7713	0.4718
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9526	0.9393	0.0700
segmentation	0.8218	0.1782	0.8021	0.6017	0.6337
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8635	0.1365	0.5960	0.1195	0.5842
sens-2-gram	0.8658	0.1342	0.5807	0.0754	0.5299
sens-3-gram	0.8079	0.1921	0.5688	0.1374	0.7671
sens-4-gram	0.8368	0.1632	0.5743	0.1401	0.7508
sens-5-gram	0.8500	0.1500	0.6073	0.2013	0.7225
sens-6-gram	0.8605	0.1395	0.6115	0.1905	0.6757
sens-7-gram	0.8500	0.1500	0.5458	0.0664	0.6930
sens-8-gram	0.8289	0.1711	0.5568	0.1077	0.7641
sens-9-gram	0.8737	0.1263	0.6401	0.2042	0.5646
sensorless	0.9111	0.0162	0.9111	0.9022	0.0979
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8824	0.1176	0.7363	0.4268	0.5280

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shuttle	0.9795	0.0059	0.6291	0.9429	0.1222
sick	0.9629	0.0371	0.8318	0.6478	0.3649
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9294	0.0706	0.9044	0.8018	0.4326
skin10%	0.9257	0.0743	0.8975	0.7895	0.4476
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.1000	0.4500	0.0951	-0.2019	0.8932
smk_can_187	0.7895	0.2105	0.7889	0.5778	0.6844
smoking	0.7468	0.2532	0.7359	0.4695	0.7586
soil_pollution	0.2167	0.3133	0.2190	0.0192	0.8526
solar-flare	0.7626	0.0791	0.6579	0.6947	0.2141
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9420	0.0580	0.8052	0.5956	0.4472
spambase	0.9130	0.0870	0.9087	0.8157	0.3849
spect	0.7407	0.2593	0.6469	0.2921	0.7993
spectf	0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer	0.4423	0.0413	0.3453	0.4105	0.1741
splice-EI	0.9495	0.0505	0.9372	0.8716	0.3306
splice-IE	0.9085	0.0915	0.8708	0.7408	0.4660
sport-articles	0.8300	0.1700	0.8142	0.6205	0.5925
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.7549	0.1634	0.7056	0.6033	0.4714
steel-b	0.8359	0.1641	0.7227	0.4233	0.6472
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.7487	0.2513	0.7088	0.3813	0.7014
steel-p	0.9179	0.0821	0.6618	0.2948	0.5925
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9061	0.8093	0.4129
stock	0.9097	0.0903	0.8413	0.6805	0.5000
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8040	0.1960	0.8017	0.6034	0.6593
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6250	0.1500	0.3689	0.3623	0.3303
student-habits	0.3800	0.2480	0.2140	0.0521	0.6983
student-weekend	0.3385	0.2646	0.2211	0.0937	0.6576
student-workday	0.6719	0.1313	0.2044	0.1600	0.5485
studentap	0.3846	0.4103	0.3805	0.0714	0.7394
susy1%	0.7906	0.2094	0.7916	0.5711	0.6465
susy10%	0.7882	0.2118	0.7897	0.5657	0.6460
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.9020	0.0980	0.8720	0.7431	0.4691
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9065	0.0935	0.8739	0.7478	0.4750
tis10%	0.7388	0.2612	0.6374	0.2742	0.8202
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.1000	0.5250	0.6364	0.1042

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.9024	0.0217	0.7192	0.8783	0.0628
trec12-wc	0.8710	0.0323	0.8870	0.8434	0.0909
trec21-wc	0.9697	0.0121	0.7958	0.9345	0.0286
trec23-wc	0.7143	0.0952	0.6963	0.6216	0.2670
trec31-wc	0.9677	0.0108	0.9616	0.9571	0.0526
trec41-wc	0.8977	0.0205	0.7914	0.8732	0.0888
trec45-wc	0.7971	0.0406	0.7133	0.7635	0.1938
tuandromd	0.9753	0.0247	0.9613	0.9225	0.1889
turkish	0.8000	0.1000	0.8091	0.7333	0.2368
tvnews	0.8917	0.1083	0.8825	0.7646	0.4675
tvnews1%	0.9231	0.0769	0.9169	0.8334	0.3669
tvnews10%	0.8982	0.1018	0.8895	0.7772	0.4365
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7910	0.0464	0.8251	0.7566	0.1538
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9835	0.0165	0.6199	0.2396	0.5619
vehicle	0.7381	0.1310	0.7174	0.6504	0.2147
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.6263	0.0680	0.6400	0.5889	0.1868
vowelZ	0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17	0.9156	0.0844	0.6641	0.1684	0.3508
wap-wc	0.8333	0.0167	0.6300	0.8132	0.1089
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2300	0.3850	0.2271	-0.0288	0.8730
waveform	0.8400	0.1067	0.8403	0.7600	0.3689
weather-related	0.9654	0.0063	0.9659	0.9608	0.0535
web-phishing	0.8074	0.1284	0.5592	0.6406	0.4051
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9752	0.0248	0.8553	0.7016	0.3370
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5912	0.1363	0.2429	0.3129	0.3691
winequality-white	0.5256	0.1356	0.2166	0.2332	0.4538
winnipeg10%	0.9874	0.0036	0.9841	0.9841	0.0254
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.5203	0.0959	0.3629	0.3851	0.3850
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9333	0.0133	0.9289	0.9253	0.1049

Table 297: Detailed results for GAMLOESS(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1783	0.0783	0.1701	0.0945	0.5320
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.7000	0.3000	0.7000	0.4000	0.8211
ads	0.9573	0.0427	0.9076	0.7972	0.1300
adult	0.8389	0.1611	0.7612	0.5136	0.6404
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.5238	0.4762	0.4385	-0.0639	0.4662
AID_1431_KlekotaRothFingerprinter	0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878	0.5714	0.4286	0.5429	0.0693	0.7210
AID_602330	0.4531	0.5469	0.4483	-0.0252	0.2413
AID_652128	0.6061	0.2626	0.3585	0.0687	0.4941
AID1284Morered	0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red	0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered	0.8544	0.1456	0.4607	-0.0782	0.6585
AID1608red	0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red	0.9860	0.0140	0.6532	0.2447	0.4187
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID439Morered	0.2857	0.7143	0.2222	-0.2963	0.6098
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5631	0.1250	0.9054
AID644red	0.6000	0.4000	0.5238	0.0476	0.9294
AID687AID721red	0.9988	0.0012	0.4997	-0.0006	0.5035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.0092	0.9908	0.0091	0.0000	0.0260
AID721morered	0.3333	0.6667	0.2500	-0.4211	0.8208
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
aids	0.8967	0.1033	0.8538	0.7007	0.4642
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7429	0.1029	0.4558	0.3898	0.3017
all-aml	0.5000	0.5000	0.5000	0.0000	0.9298
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.9663	0.0135	0.7688	0.9306	0.0999
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9819	0.0090	0.9460	0.9655	0.1134
anuran-genus	0.9638	0.0090	0.8522	0.9407	0.1941
anuran-species	0.9806	0.0039	0.9439	0.9730	0.0478
anxiety	0.0667	0.2074	0.0608	-0.0516	0.8657
apple-quality	0.7725	0.2275	0.7728	0.5450	0.7118
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%	0.9921	0.0079	0.6258	0.0744	0.1732
arcene	0.5500	0.4500	0.5616	0.1176	0.9262
arrhythmia	0.6222	0.0756	0.3958	0.4226	0.4973
auction	0.9167	0.0833	0.7984	0.5918	0.5326
audiology	0.6818	0.0579	0.5455	0.6188	0.1437
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7526	0.8667	0.0771
avila	0.4983	0.0836	0.3616	0.3570	0.3182
babies	0.4758	0.1498	0.1592	0.1780	0.4407
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.9124	0.0876	0.7562	0.5032	0.5679
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9147	0.0853	0.9073	0.8099	0.3592
basehock	0.9146	0.0854	0.9151	0.8291	0.3821
bio10%	0.9945	0.0055	0.8815	0.7473	0.4836
biodeg	0.8667	0.1333	0.8625	0.7226	0.5300
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.2892	0.1292	0.0412	0.0021	0.0650
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.6803	0.6700	0.1388
bridges	0.6000	0.1143	0.4530	0.4872	0.2275
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8506	0.0747	0.6296	0.6796	0.3505
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8696	0.1304	0.8695	0.7361	0.5115
cardiotocography	0.7606	0.0479	0.7062	0.7105	0.2394
cardiotocography-nsp	0.9014	0.0657	0.8316	0.7190	0.2782
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5711	0.4196	0.6234
cas_N6512_cdk_ECFP2	0.6897	0.3103	0.6881	0.3762	0.8348
cas_N6512_rdkit_ATOMPAIR	0.7262	0.2738	0.7248	0.4496	0.7864
cas_N6512_RDkit_AtomPair_FP	0.7393	0.2607	0.7369	0.4724	0.7650
cas_N6512_rdkit_AVALON	0.7650	0.2350	0.7651	0.5292	0.7242
cas_N6512_RDkit_Avalon_FP	0.7699	0.2301	0.7693	0.5382	0.7181
cas_N6512_rdkit_descriptors	0.6769	0.3231	0.6905	0.3645	0.8018
cas_N6512_rdkit_FEATMORGAN	0.6959	0.3041	0.6926	0.3835	0.8249
cas_N6512_RDkit_Featmorgan_FP	0.6886	0.3114	0.6869	0.3738	0.8364
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.7515	0.2485	0.7495	0.4985	0.7480
cas_N6512_rdkit_MACCS	0.7573	0.2427	0.7553	0.5071	0.7308
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.7415	0.2585	0.7392	0.4765	0.7603
cas_N6512_RDkit_morgan_FP	0.7132	0.2868	0.7122	0.4242	0.8038
cas_N6512_rdkit_PATTERN	0.7631	0.2369	0.7621	0.5240	0.7300
cas_N6512_RDkit_pattern_FP	0.7653	0.2347	0.7644	0.5287	0.7262
cas_N6512_rdkit_RDKITFP	0.7235	0.2765	0.7225	0.4449	0.7896
cas_N6512_rdkit_TORSION	0.6738	0.3262	0.6716	0.3432	0.8544
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8495	0.1003	0.4275	0.2122	0.3241
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9683	0.0317	0.7755	0.5158	0.3791
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.0487	0.9513	0.0465	0.0000	0.1277
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9996	0.0004	0.8740	0.7438	0.2901
chrom191%	0.9982	0.0018	0.4996	-0.0008	0.5346
chrom1910%	0.9991	0.0009	0.7972	0.5942	0.4802
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8330	0.1670	0.7039	0.3726	0.6389
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7053	0.2947	0.6837	0.3670	0.8261
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.4894	0.4375	0.4746
cjs	0.9714	0.0095	0.9679	0.9651	0.0469
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7704	0.1148	0.4942	0.6232	0.3001
climate	0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111	0.2500	0.5000	0.2074	-0.2000	0.8309
cm1	0.9000	0.1000	0.6431	0.2424	0.5963
cmc	0.5374	0.3084	0.5121	0.2632	0.6975
cnae-9	0.8148	0.0412	0.8352	0.7917	0.1658
codon_usage	0.8956	0.0190	0.7084	0.8729	0.1622
coil20	0.9097	0.0090	0.9145	0.9049	0.0533
college	0.9481	0.0519	0.9345	0.8690	0.3129
collins	0.6000	0.0533	0.5958	0.5565	0.2076
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.7586	0.2414	0.7398	0.4781	0.7496
colposcopies-2	0.6897	0.3103	0.6766	0.3524	0.8362
colposcopies-3	0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4	0.6897	0.3103	0.6565	0.3040	0.8098
colposcopies-5	0.6552	0.3448	0.5450	0.0823	0.7642
colposcopies-6	0.5517	0.4483	0.5491	0.0959	0.9600
colposcopies-c	0.5172	0.4828	0.4451	-0.1033	0.8750
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons	0.5197	0.4803	0.3420	0.0000	0.5252
comedy_comparisons10%	0.5173	0.4827	0.3409	0.0000	0.5256
cottonmeloidogyne	0.7933	0.2067	0.7933	0.5865	0.6768
coupon	0.6909	0.3091	0.6815	0.3611	0.8346
covtype10%	0.7124	0.0822	0.4922	0.5160	0.3590
covtypeCD	0.9592	0.0408	0.9110	0.8207	0.3221
covtypeT	0.9610	0.0390	0.8349	0.6606	0.3982
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9761	0.0239	0.4940	-0.0033	0.1111
crowdsourced	0.4811	0.1730	0.4620	0.2589	0.2977
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1875	0.0508	0.1712	0.1613	0.3048
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.7963	0.2037	0.7931	0.5858	0.6749
darwin	0.4444	0.5556	0.4430	-0.1111	1.0000
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.6913	0.3087	0.5769	0.1530	0.8424
defect	0.9259	0.0741	0.8515	0.6860	0.3744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8932	0.1068	0.6926	0.3609	0.6094
depressed	0.8462	0.1538	0.6824	0.1314	0.3015
dermatology	0.9459	0.0180	0.9524	0.9327	0.0608
desharnais	0.7500	0.1667	0.7132	0.5789	0.3187
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.6163	0.4483	0.3623
DIA	0.8167	0.1833	0.7408	0.4762	0.6890
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9654	0.0346	0.8793	0.7283	0.1255
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%	0.5196	0.3203	0.3315	0.0811	0.7031
diabetic10%	0.5766	0.2823	0.4119	0.1631	0.5574
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.0000	1.0000	0.0000	-0.9231	0.9710
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.5000	0.5000	0.5000	0.0000	0.9831
dlbcl-stanford	0.8000	0.2000	0.8077	0.5455	0.4011
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5693	0.4307	0.5644	0.1256	0.9465
dota210%	0.5583	0.4417	0.5539	0.1064	0.9600
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7630	0.1580	0.6792	0.6000	0.4620
drug-01	0.4043	0.1702	0.1978	0.0710	0.5669
drug-02	0.5160	0.1383	0.2177	0.1333	0.5461
drug-03	0.6649	0.1117	0.1576	0.0212	0.4067
drug-04	0.5266	0.1353	0.2008	0.1060	0.4124
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2547	0.2855	0.4919
drug-07	0.4202	0.1933	0.1480	0.0143	0.4363
drug-08	0.5585	0.1261	0.2128	0.1314	0.4404
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5691	0.1231	0.2540	0.1797	0.3618
drug-11	0.8511	0.0426	0.1321	0.0539	0.1229
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6170	0.1094	0.1744	0.2239	0.3760
drug-14	0.5745	0.1216	0.2309	0.2165	0.4629
drug-15	0.7553	0.0699	0.1248	0.0658	0.2947
drug-16	0.6011	0.1330	0.3226	0.3197	0.4177
drug-17	0.3723	0.1793	0.2472	0.1296	0.4890
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7660	0.0669	0.1239	-0.0068	0.2303
drybean	0.9317	0.0195	0.9426	0.9174	0.1177
ecoli	0.8235	0.0441	0.5069	0.7569	0.1725
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2603	0.0140	0.8538
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6242	0.3758	0.6172	0.2335	0.9077
eeg10%	0.0152	0.1231	0.0091	-0.0225	0.5120
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6301	0.1479	0.6187	0.5263	0.3959

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
euthyroid	0.9715	0.0285	0.9153	0.8266	0.2470
exon.vs.intron-freq10%	0.9585	0.0415	0.9584	0.9168	0.2312
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.3862	0.0722	0.3498	0.3350	0.5234
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9804	0.0196	0.9807	0.9606	0.1182
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9410	0.9200	0.0398
flags	0.4000	0.1714	0.3160	0.2749	0.4535
forest	0.8269	0.0865	0.8213	0.7600	0.2192
gas	0.1395	0.2868	0.0408	0.0000	0.4019
gastrointestinal	1.0000	0.0000	1.0000	1.0000	0.0000
gender	0.6105	0.2596	0.3845	0.1523	0.4982
gene	0.9148	0.0568	0.9031	0.8639	0.2370
german	0.7300	0.2700	0.6848	0.3415	0.7524
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8012	0.1988	0.8011	0.6022	0.6623
glass	0.7143	0.0952	0.6937	0.5962	0.2751
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.8421	0.1579	0.8427	0.6816	0.5635
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.4000	0.1176	0.5184
glioma-grade	0.9048	0.0952	0.9033	0.8057	0.4235
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.4000	0.3000	0.3529	0.1818	0.4831
gsalc	0.2222	0.2593	0.0952	0.0597	0.3133
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
har	0.2844	0.2862	0.0886	0.0000	0.3861
har701%	0.8677	0.0378	0.5083	0.8035	0.1594
har7010%	0.8460	0.0440	0.5570	0.7661	0.1767
harth1%	0.8220	0.0297	0.4463	0.7549	0.1785
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7800	0.1100	0.3343	0.0690	0.1892
heart	0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hERG-121inputs	0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%	0.6900	0.3100	0.6879	0.3750	0.8333
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higher	0.2143	0.1964	0.1273	0.0941	0.3755
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8921	0.1079	0.7992	0.5959	0.5699
hiva	0.8794	0.1206	0.5564	0.0873	0.4663

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
horse	0.6111	0.2593	0.5625	0.3244	0.6644
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.3434	0.4377	0.3780	0.0056	0.6329
htru2	0.9799	0.0201	0.9372	0.8722	0.1956
hypothyroid	0.9735	0.0133	0.6619	0.8505	0.2204
hypothyroidT	0.9867	0.0133	0.9518	0.9020	0.1477
ilpd	0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9600	0.0400	0.9594	0.9188	0.2278
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8237	0.1763	0.6536	0.1993	0.5462
jvowels	0.9689	0.0069	0.9662	0.9647	0.0489
kc1	0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot	0.6000	0.4000	0.5618	0.1176	0.9288
kc1-class-level-numericdefect	0.3846	0.2462	0.2680	0.1613	0.3463
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7308	0.2692	0.5965	0.1929	0.8287
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.0020	0.1535	0.0003	0.0000	0.2182
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2827	0.0797	0.2179	0.1792	0.5300
krvskp	0.9655	0.0345	0.9657	0.9310	0.1983
la1s-wc	0.6444	0.1185	0.6200	0.5634	0.4753
la2s-wc	0.6887	0.1038	0.7239	0.6188	0.3745
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6430	0.6603	0.0795
led24	0.5500	0.0900	0.5405	0.4972	0.1989
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8240	0.0135	0.8257	0.8169	0.1878
leukemia	0.4286	0.3810	0.4545	0.1765	0.3571
leukemia2	0.0000	1.0000	0.0000	-0.9600	0.9852
libra	0.5556	0.0593	0.5372	0.5224	0.1866
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0001
liver	0.7647	0.2353	0.7455	0.4868	0.7356
loan	0.9391	0.0609	0.9359	0.8713	0.3213
localization	0.5029	0.0904	0.2355	0.3347	0.4544
localization10%	0.4921	0.0923	0.2167	0.3210	0.4748
lrs	0.6981	0.0863	0.4083	0.5734	0.2842
lung	0.2857	0.2857	0.1682	-0.0362	0.3768
lung_discrete	0.0000	0.4000	0.0000	-0.1852	0.5833
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.5500	0.1800	0.2218	0.2105	0.3263
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.5556	0.4444	0.6667	0.1818	0.3900
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2	0.2222	0.2593	0.1852	0.0455	0.2765
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5538	0.4462	0.5541	0.1077	0.9637

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
magic04	0.8532	0.1468	0.8359	0.6681	0.5571
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6634	0.2244	0.6650	0.4813	0.5134
math	0.8750	0.0625	0.7944	0.8082	0.2271
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.7130	0.2870	0.7074	0.4148	0.8072
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	0.5556	0.2963	0.4503	0.3208	0.4480
meter-C	0.3333	0.3333	0.1304	0.0182	0.4071
meter-D	0.2778	0.3611	0.2053	0.1136	0.4493
mfeat-fac	0.9750	0.0050	0.9755	0.9722	0.0316
mfeat-fou	0.8100	0.0380	0.8092	0.7889	0.1569
mfeat-kar	0.9300	0.0140	0.9315	0.9222	0.0857
mfeat-mor	0.7150	0.0570	0.7204	0.6833	0.1898
mfeat-pix	0.9200	0.0160	0.9209	0.9111	0.0951
mfeat-zer	0.7900	0.0420	0.7940	0.7667	0.1588
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8302	0.1132	0.8384	0.7323	0.2743
mines	0.5882	0.1647	0.5478	0.4820	0.4024
mobile	0.2692	0.0261	0.3762	0.2544	0.3302
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9879	0.0121	0.9765	0.9525	0.0842
MUT_ci300400a_cdk_ECFP2	0.7446	0.2554	0.7352	0.4694	0.7633
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.6982	0.3018	0.6859	0.3700	0.8276
MUT_ci300400a_cdk_ESTATE	0.7086	0.2914	0.6989	0.3977	0.8153
MUT_ci300400a_cdk_EXTENDED	0.7818	0.2182	0.7756	0.5513	0.7037
MUT_ci300400a_cdk_FCFP2	0.7174	0.2826	0.7061	0.4109	0.8026
MUT_ci300400a_cdk_FCFP4	0.7182	0.2818	0.7066	0.4112	0.8002
MUT_ci300400a_cdk_FCFP6	0.7374	0.2626	0.7273	0.4531	0.7734
MUT_ci300400a_cdk_MACCS	0.7434	0.2566	0.7326	0.4618	0.7600
MUT_ci300400a_cdk_PUBCHEM	0.7988	0.2012	0.7913	0.5806	0.6677
MUT_ci300400a_cdk_STANDARD	0.7796	0.2204	0.7739	0.5478	0.7071
MUT_ci300400a_rdkit_descriptors	0.7231	0.2769	0.7406	0.4589	0.7243
myocardial	0.7353	0.0662	0.2215	0.2653	0.4056
naticusdroid	0.9512	0.0488	0.9513	0.9025	0.2597
NCI60	0.5000	0.1667	0.4545	0.4000	0.1534
nci9	0.0000	0.3333	0.0000	-0.2000	0.4283
ncRNA1%	0.5173	0.0508	0.1278	0.0540	0.5863
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5101	0.4899	0.5096	0.0192	0.9924
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9542	0.0459	0.9437	0.8873	0.2786
NPHA-doctor-visits	0.4861	0.3426	0.2694	-0.0517	0.5491
nursery	0.9144	0.0428	0.7794	0.8732	0.1473
obesity	0.1374	0.2464	0.0345	0.0000	0.4038

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
obs	0.8426	0.0787	0.8854	0.7598	0.1787
occupancy	0.8881	0.1119	0.8402	0.6800	0.5382
Occupancy_Estimation	0.9862	0.0069	0.9556	0.9576	0.0438
oh0-wc	0.3762	0.1248	0.3388	0.3031	0.5311
oh10-wc	0.3429	0.1314	0.2922	0.2568	0.5982
oh15-wc	0.4674	0.1065	0.4484	0.4020	0.4806
oh5-wc	0.2747	0.1451	0.2864	0.1832	0.6315
olive	0.8947	0.0234	0.8811	0.8705	0.1049
opn310k10%	0.9028	0.0972	0.6386	0.2622	0.6500
optdigits	0.9395	0.0121	0.9425	0.9327	0.0827
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.1000	0.0450	0.0761	0.0769	0.2446
orlraws10P	0.1000	0.1800	0.0333	0.0000	0.2980
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr	0.9012	0.0988	0.6173	0.2331	0.6756
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7113	0.2887	0.6994	0.3927	0.7948
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7540	0.2460	0.7533	0.5064	0.7443
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9689	0.0124	0.6949	0.8040	0.0731
parkinson	0.9750	0.0250	0.9745	0.9478	0.1158
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.3889	0.6111	0.5476	0.0498	0.6642
particle10%	0.9354	0.0646	0.9207	0.8413	0.3650
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.4605	0.5395	0.4846	-0.0250	0.8184
pediatric-leukemia	0.0882	0.2605	0.0439	0.0131	0.4868
pendigits	0.7625	0.0475	0.8217	0.7360	0.1707
period	0.4444	0.5556	0.5000	0.0000	0.8722
period-10f	0.6667	0.3333	0.6582	0.3077	0.8309
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.9142	0.0107	0.9142	0.9084	0.1347
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	0.9992	0.0008	0.9991	0.9983	0.0077
phone-acc0.1%	0.7159	0.0812	0.6957	0.6671	0.3005
phone-acc1%	0.7133	0.0819	0.6957	0.6638	0.3080
phone-gyr0.1%	0.1450	0.2443	0.2142	0.0187	0.5892
phone-gyr1%	0.1372	0.2465	0.0345	0.0000	0.4034
phoneme	0.8259	0.1741	0.7802	0.5592	0.6579
phy	0.6972	0.3028	0.6972	0.3944	0.8247
pima	0.7500	0.2500	0.7337	0.4412	0.6999
pirvision	0.9922	0.0052	0.9829	0.9751	0.0621
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker1%	0.4937	0.1447	0.1365	0.0005	0.2796
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.4538	0.5462	0.3855	-0.0497	0.2324
polish-2nd	0.8368	0.1632	0.4808	-0.0271	0.4236
polish-3rd	0.7781	0.2219	0.5603	0.0745	0.4152
polish-4th	0.6235	0.3765	0.5537	0.0470	0.3368
polish-5th	0.2606	0.7394	0.4220	-0.0406	0.3171
polya	0.7903	0.2097	0.7668	0.5311	0.6963

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
popularity	0.5178	0.3215	0.4457	0.1549	0.6400
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.5294	0.4706	0.5299	0.0588	0.9762
prestige	0.5556	0.2963	0.5943	0.3455	0.4672
primary-tumor	0.4545	0.0839	0.4374	0.4000	0.2799
profb	0.7910	0.2090	0.7511	0.4777	0.6529
promoters	0.6000	0.4000	0.5833	0.1667	0.9308
prostate	0.5000	0.5000	0.4785	-0.0426	1.0000
prostate_GE	0.5455	0.4545	0.5500	0.0984	0.9584
puc-rio	0.9105	0.0358	0.8602	0.8789	0.1566
puc-rio10%	0.9234	0.0307	0.8665	0.8963	0.1439
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
rcv110%	0.0002	0.0400	0.0000	0.0000	0.3309
re0-wc	0.6800	0.0492	0.6072	0.6059	0.3941
re1-wc	0.3795	0.0496	0.2381	0.3280	0.4309
rejafada	0.9045	0.0955	0.4749	-0.0465	0.5251
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6372	0.3628	0.6105	0.2130	0.8903
satimage	0.8974	0.0342	0.8811	0.8730	0.1563
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.9409	0.0591	0.8190	0.6234	0.4272
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.6667	0.3333	0.7404	0.3721	0.5239
schizo	0.4706	0.5294	0.4697	-0.0588	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8782	0.1218	0.5556	0.1094	0.6522
secondary_mushroom	0.4452	0.5548	0.3081	0.0000	0.5302
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.8788	0.0346	0.8907	0.8584	0.1283
segmentation	0.8515	0.1485	0.8372	0.6743	0.5758
segmentO	0.9913	0.0087	0.9828	0.9655	0.1114
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram	0.8346	0.1654	0.4786	-0.0285	0.7371
sens-2-gram	0.8474	0.1526	0.5962	0.1788	0.7282
sens-3-gram	0.8316	0.1684	0.6054	0.2094	0.7494
sens-4-gram	0.5447	0.4553	0.4814	-0.0259	0.6186
sens-5-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram	0.8342	0.1658	0.5868	0.1688	0.7528
sens-9-gram	0.8289	0.1711	0.5280	0.0500	0.7666
sensorless	0.0774	0.1677	0.0238	-0.0148	0.4863
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8970	0.1030	0.7839	0.5583	0.5531
shuttle	0.9890	0.0032	0.6942	0.9686	0.0833
sick	0.9655	0.0345	0.8435	0.6656	0.3054
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin	0.9567	0.0433	0.9353	0.8703	0.3187
skin10%	0.9530	0.0470	0.9293	0.8585	0.3303
smarket	0.9840	0.0160	0.9842	0.9680	0.0927

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smart-farming	0.2200	0.3900	0.2075	-0.0417	0.8544
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7410	0.0863	0.5843	0.6650	0.1937
sonar	0.5500	0.4500	0.5582	0.1000	0.9018
soybean	0.9265	0.0077	0.8994	0.9193	0.0500
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.7609	0.2391	0.7570	0.5111	0.7309
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.7429	0.2571	0.7625	0.4793	0.6462
spectrometer	0.2692	0.0541	0.1394	0.2248	0.2670
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles	0.8000	0.2000	0.7817	0.5612	0.6749
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.6000	0.2667	0.4575	0.2857	0.1939
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8068	0.1288	0.7678	0.6856	0.3694
steel-b	0.8410	0.1590	0.7585	0.5170	0.6717
steel-d	0.9846	0.0154	0.8820	0.7613	0.4382
steel-k	0.9949	0.0051	0.9921	0.9841	0.0266
steel-o	0.8051	0.1949	0.7785	0.5395	0.6291
steel-p	0.9128	0.0872	0.5721	0.0815	0.5290
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9590	0.0410	0.8834	0.7667	0.4153
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.5278	0.4722	0.5135	0.0208	0.7137
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6350	0.1460	0.3608	0.3981	0.3993
student-depression	0.8366	0.1634	0.8305	0.6598	0.5923
student-habits	0.4200	0.2320	0.1957	0.0798	0.4591
student-weekend	0.3692	0.2523	0.2584	0.1339	0.6479
student-workday	0.6875	0.1250	0.2710	0.1909	0.5837
studentap	0.1538	0.5641	0.1508	-0.2768	0.8358
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.5982	0.0731	0.7124	0.5547	0.2369
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8684	0.1316	0.8578	0.7040	0.5342
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis10%	0.7836	0.2164	0.7115	0.4229	0.7511
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.3529	0.3235	0.3811	0.1343	0.4900
toxicity	0.7647	0.2353	0.7684	0.5211	0.6923
toxicity-13f	0.5882	0.4118	0.5318	0.0630	0.9501
trains	0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion	0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc	0.1220	0.1951	0.0753	-0.0130	0.5098
trec12-wc	0.0645	0.2339	0.0359	-0.1380	0.6023
trec21-wc	0.5152	0.1939	0.2441	0.1685	0.5371
trec23-wc	0.2381	0.2540	0.1639	0.0372	0.4937

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec31-wc	0.2796	0.2401	0.1948	0.0057	0.6217
trec41-wc	0.4205	0.1159	0.3339	0.3124	0.6144
trec45-wc	0.1304	0.1739	0.1096	-0.0078	0.6314
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.8250	0.0875	0.8463	0.7667	0.2246
tvnews1%	0.8692	0.1308	0.8619	0.7228	0.5308
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9660	0.0340	0.6036	0.1281	0.4307
ur3_cobotops_stop	0.9619	0.0381	0.5999	0.1148	0.4218
urban	0.6716	0.0730	0.6212	0.6166	0.2832
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7619	0.1190	0.7514	0.6823	0.2550
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5455	0.0826	0.6093	0.5000	0.2311
vowelZ	0.8889	0.1111	0.6803	0.3598	0.6693
wap-wc	0.5769	0.0423	0.4365	0.5310	0.3250
warpar10p	0.1538	0.1692	0.0534	0.0530	0.3562
warppie10p	0.1429	0.1714	0.0787	0.0526	0.4058
watch-acc1%	0.7063	0.0839	0.6984	0.6561	0.3357
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr1%	0.2006	0.2284	0.1711	0.0748	0.4779
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8480	0.1013	0.8481	0.7720	0.3566
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8222	0.1185	0.6635	0.6687	0.3896
Weekly	0.9815	0.0185	0.9812	0.9625	0.1262
white-clover	0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9876	0.0124	0.9406	0.8781	0.3356
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5975	0.1342	0.2754	0.3391	0.3932
winequality-white	0.5358	0.1547	0.3286	0.2601	0.4964
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.0625	0.1250	0.0148	0.0000	0.3022
yeast	0.5811	0.0838	0.3942	0.4588	0.3496
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.0763	0.1847	0.0142	0.0000	0.4069

Table 298: Detailed results for GAMLOESS(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1904	0.0771	0.1577	0.1113	0.5476
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.7000	0.3000	0.7000	0.4000	0.8211
ads	0.9573	0.0427	0.9076	0.7972	0.1300
adult	0.8389	0.1611	0.7612	0.5136	0.6404
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.5238	0.4762	0.4385	-0.0639	0.4662
AID_1431_KlekotaRothFingerprinter	0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878	0.5714	0.4286	0.5429	0.0693	0.7210
AID_602330	0.4531	0.5469	0.4483	-0.0252	0.2413
AID_652128	0.3939	0.4040	0.2576	-0.0206	0.4510
AID1284Morered	0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red	0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red	0.9860	0.0140	0.6532	0.2447	0.4187
AID373AID439red	0.9995	0.0005	0.4999	-0.0002	0.3911
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.2857	0.7143	0.2222	-0.2963	0.6098
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID456red	0.9950	0.0050	0.4987	-0.0024	0.5429
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5631	0.1250	0.9054
AID644red	0.6000	0.4000	0.5238	0.0476	0.9294
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.0092	0.9908	0.0091	0.0000	0.0260
AID721morered	0.3333	0.6667	0.2500	-0.4211	0.8208
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.3598	0.6402	0.5442	0.0006	0.0057
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8967	0.1033	0.8538	0.7007	0.4642
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8000	0.0800	0.4244	0.5179	0.2112
all-aml	0.5000	0.5000	0.5000	0.0000	0.9298
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9847	0.0076	0.9729	0.9708	0.0399
anuran-genus	0.8748	0.0313	0.7703	0.7971	0.1422
anuran-species	0.9625	0.0075	0.9383	0.9476	0.0835
anxiety	0.0750	0.2056	0.0713	-0.0422	0.8370
apple-quality	0.7725	0.2275	0.7728	0.5450	0.7118
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.5500	0.4500	0.5616	0.1176	0.9262
arrhythmia	0.5333	0.0933	0.2498	0.1607	0.3990
auction	0.9167	0.0833	0.7984	0.5918	0.5326
audiology	0.7273	0.0496	0.5338	0.6683	0.1205
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0500	0.7120	0.7993	0.1262
avila	0.6703	0.0549	0.7242	0.5758	0.3648
babies	0.4516	0.1567	0.1711	0.1568	0.5027
balance	0.8871	0.0753	0.7647	0.8002	0.3634
bank	0.9124	0.0876	0.7562	0.5032	0.5679
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9147	0.0853	0.9073	0.8099	0.3592
basehock	0.9146	0.0854	0.9151	0.8291	0.3821
bio10%	0.9945	0.0055	0.8815	0.7473	0.4836
biodeg	0.8667	0.1333	0.8625	0.7226	0.5300
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.3904	0.1108	0.1641	0.0130	0.2588
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.6655	0.6667	0.1595
bridges	0.6000	0.1143	0.5853	0.5122	0.2550
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9023	0.0489	0.8992	0.7938	0.2565
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8696	0.1304	0.8695	0.7361	0.5115
cardiotocography	0.8357	0.0329	0.8145	0.8035	0.2108
cardiotocography-nsp	0.8967	0.0689	0.8244	0.7106	0.2848
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6797	0.5444	0.5374
cas_N6512_cdk_ECFP2	0.6897	0.3103	0.6881	0.3762	0.8348
cas_N6512_rdkit_ATOMPAIR	0.7262	0.2738	0.7248	0.4496	0.7864
cas_N6512_RDkit_AtomPair_FP	0.7393	0.2607	0.7369	0.4724	0.7650
cas_N6512_rdkit_AVALON	0.7650	0.2350	0.7651	0.5292	0.7242
cas_N6512_RDkit_Avalon_FP	0.7699	0.2301	0.7693	0.5382	0.7181
cas_N6512_rdkit_descriptors	0.7031	0.2969	0.7050	0.4076	0.8099
cas_N6512_rdkit_FEATMORGAN	0.6959	0.3041	0.6926	0.3835	0.8249
cas_N6512_RDkit_Featmorgan_FP	0.6886	0.3114	0.6869	0.3738	0.8364
cas_N6512_RDkit_FP	0.7132	0.2868	0.7109	0.4215	0.8046
cas_N6512_rdkit_LAYERED	0.7585	0.2415	0.7576	0.5151	0.7370
cas_N6512_RDkit_Layered_FP	0.7515	0.2485	0.7495	0.4985	0.7480
cas_N6512_rdkit_MACCS	0.7573	0.2427	0.7553	0.5071	0.7308
cas_N6512_RDkit_MACCS_FP	0.7638	0.2362	0.7634	0.5264	0.7274
cas_N6512_rdkit_MORGAN	0.7415	0.2585	0.7392	0.4765	0.7603
cas_N6512_RDkit_morgan_FP	0.7132	0.2868	0.7122	0.4242	0.8038
cas_N6512_rdkit_PATTERN	0.7631	0.2369	0.7621	0.5240	0.7300
cas_N6512_RDkit_pattern_FP	0.7653	0.2347	0.7644	0.5287	0.7262
cas_N6512_rdkit_RDKITFP	0.7235	0.2765	0.7225	0.4449	0.7896
cas_N6512_rdkit_TORSION	0.6738	0.3262	0.6716	0.3432	0.8544
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8496	0.1003	0.4276	0.2120	0.3233

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9683	0.0317	0.7755	0.5158	0.3791
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9483	0.0517	0.5970	0.1298	0.4948
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9996	0.0004	0.8740	0.7438	0.2901
chrom191%	0.9982	0.0018	0.4996	-0.0008	0.5346
chrom1910%	0.9991	0.0009	0.7972	0.5942	0.4802
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8330	0.1670	0.7039	0.3726	0.6389
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7053	0.2947	0.6837	0.3670	0.8261
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.5270	0.5127	0.5828
cjs	0.9964	0.0012	0.9962	0.9956	0.0059
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8019	0.0991	0.5619	0.6893	0.3164
climate	0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111	0.3333	0.4444	0.3889	0.0588	0.6701
cm1	0.9000	0.1000	0.6431	0.2424	0.5963
cmc	0.5238	0.3175	0.4889	0.2455	0.7211
cnae-9	0.8426	0.0350	0.8509	0.8229	0.1640
codon_usage	0.8427	0.0286	0.5817	0.8077	0.2171
coil20	0.4931	0.0507	0.5174	0.4663	0.2910
college	0.9481	0.0519	0.9345	0.8690	0.3129
collins	0.9800	0.0027	0.9221	0.9780	0.0058
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.7586	0.2414	0.7398	0.4781	0.7496
colposcopies-2	0.6897	0.3103	0.6766	0.3524	0.8362
colposcopies-3	0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4	0.6897	0.3103	0.6565	0.3040	0.8098
colposcopies-5	0.6552	0.3448	0.5450	0.0823	0.7642
colposcopies-6	0.5517	0.4483	0.5491	0.0959	0.9600
colposcopies-c	0.5172	0.4828	0.4451	-0.1033	0.8750
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
cottonmeloidogyne	0.7933	0.2067	0.7933	0.5865	0.6768
coupon	0.6909	0.3091	0.6815	0.3611	0.8346
covtype10%	0.7327	0.0764	0.6261	0.5600	0.3661
covtypeCD	0.9592	0.0408	0.9110	0.8207	0.3221
covtypeT	0.9610	0.0390	0.8349	0.6606	0.3982
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.4020	0.5980	0.3755	-0.0023	0.0151
crowdsourced	0.6839	0.1054	0.5709	0.5114	0.4808
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.6250	0.0234	0.5713	0.6129	0.0705
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.7963	0.2037	0.7931	0.5858	0.6749
darwin	0.4444	0.5556	0.4430	-0.1111	1.0000
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.6913	0.3087	0.5769	0.1530	0.8424
defect	0.9259	0.0741	0.8515	0.6860	0.3744
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8932	0.1068	0.6926	0.3609	0.6094
depressed	0.8462	0.1538	0.6824	0.1314	0.3015
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.3750	0.4167	0.2000	-0.1765	0.5824
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8125	0.1250	0.8155	0.7073	0.2390
DIA	0.7833	0.2167	0.7048	0.4091	0.7549
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9654	0.0346	0.8793	0.7283	0.1255
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%	0.4804	0.3464	0.3023	0.0050	0.6858
diabetic10%	0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9777	0.9771	0.0437
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.0000	1.0000	0.0000	-0.9231	0.9710
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.5000	0.5000	0.5000	0.0000	0.9831
dlbcl-stanford	0.8000	0.2000	0.8077	0.5455	0.4011
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5693	0.4307	0.5644	0.1256	0.9465
dota210%	0.5583	0.4417	0.5539	0.1064	0.9600
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7562	0.1625	0.6749	0.5929	0.4866
drug-01	0.3989	0.1717	0.1920	0.0636	0.5730
drug-02	0.5106	0.1398	0.2100	0.1171	0.5657
drug-03	0.6702	0.1099	0.1798	0.0369	0.3987
drug-04	0.5106	0.1398	0.1621	0.0898	0.5335
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2604	0.2789	0.5548
drug-07	0.4362	0.1879	0.1557	0.0468	0.4417
drug-08	0.5479	0.1292	0.1849	0.1128	0.5397
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5638	0.1246	0.2314	0.1731	0.3745
drug-11	0.8457	0.0441	0.1309	-0.0055	0.2611
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1837	0.2734	0.3945
drug-14	0.5904	0.1170	0.2395	0.2380	0.5902
drug-15	0.7553	0.0699	0.1245	0.0527	0.2964
drug-16	0.5957	0.1348	0.3260	0.3122	0.4409
drug-17	0.3830	0.1763	0.2521	0.1492	0.5266
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7606	0.0684	0.1234	-0.0134	0.2600
drybean	0.9324	0.0193	0.9437	0.9182	0.1130
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2740	0.0280	0.8419
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.6242	0.3758	0.6172	0.2335	0.9077

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
eeg10%	0.3333	0.0833	0.3574	0.2647	0.6216
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6712	0.1315	0.6673	0.5770	0.3926
euthyroid	0.9715	0.0285	0.9153	0.8266	0.2470
exon.vs.intron-freq10%	0.9585	0.0415	0.9584	0.9168	0.2312
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.1260	0.1028	0.1113	0.0711	0.7357
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9804	0.0196	0.9807	0.9606	0.1182
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.4000	0.1714	0.3987	0.3023	0.4097
forest	0.8269	0.0865	0.7911	0.7612	0.2230
gas	0.9173	0.0276	0.9351	0.8999	0.0917
gastrointestinal	0.8750	0.0833	0.9107	0.8049	0.1750
gender	0.6105	0.2596	0.3850	0.1543	0.4994
gene	0.9022	0.0652	0.8914	0.8437	0.2736
german	0.7300	0.2700	0.6848	0.3415	0.7524
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.8012	0.1988	0.8011	0.6022	0.6623
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7619	0.0794	0.7470	0.6688	0.2401
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.8421	0.1579	0.8427	0.6816	0.5635
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.5333	0.1667	-0.1111	0.6670
glioma-grade	0.9048	0.0952	0.9033	0.8057	0.4235
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.3333	0.3333	0.2895	0.0854	0.5722
gsalc	0.2222	0.2593	0.0952	0.0597	0.3304
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
har	0.1840	0.3264	0.0622	0.0000	0.3998
har701%	0.8832	0.0334	0.5220	0.8277	0.1375
har7010%	0.8630	0.0391	0.5078	0.7946	0.1534
harth1%	0.5912	0.0681	0.4303	0.4999	0.2996
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7800	0.1100	0.3343	0.0690	0.1892
heart	0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hERG-121inputs	0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%	0.6900	0.3100	0.6879	0.3750	0.8333
higgs1%	0.6894	0.3106	0.6871	0.3724	0.8320

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
higher	0.2857	0.1786	0.1562	0.1515	0.3505
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8921	0.1079	0.7992	0.5959	0.5699
hiva	0.9031	0.0969	0.5475	0.0834	0.5208
horse	0.7222	0.1852	0.6822	0.5089	0.5149
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.6115	0.2590	0.6234	0.4212	0.5434
htru2	0.9799	0.0201	0.9372	0.8722	0.1956
hypothyroid	0.9655	0.0172	0.6153	0.7915	0.2272
hypothyroidT	0.9867	0.0133	0.9518	0.9020	0.1477
ilpd	0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9600	0.0400	0.9594	0.9188	0.2278
isolet	0.0372	0.0741	0.0028	0.0000	0.4203
jm1	0.8237	0.1763	0.6536	0.1993	0.5462
jvowels	0.9799	0.0045	0.9791	0.9772	0.0350
kc1	0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot	0.6000	0.4000	0.5618	0.1176	0.9288
kc1-class-level-numericdefect	0.3077	0.2769	0.1231	0.0565	0.4823
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7308	0.2692	0.5965	0.1929	0.8287
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9225	0.0775	0.5073	0.0137	0.6654
kddcup991%	0.9984	0.0002	0.8207	0.9973	0.0159
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2870	0.0792	0.2485	0.1918	0.6017
krvskp	0.9655	0.0345	0.9657	0.9310	0.1983
la1s-wc	0.6159	0.1280	0.5850	0.5220	0.5466
la2s-wc	0.6291	0.1236	0.5929	0.5374	0.5135
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0205	0.7450	0.7527	0.0537
led24	0.4500	0.1100	0.3676	0.3820	0.2113
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8865	0.0087	0.8864	0.8819	0.1267
leukemia	0.7143	0.1905	0.7490	0.5625	0.3209
leukemia2	0.0000	1.0000	0.0000	-0.9600	0.9852
libra	0.3889	0.0815	0.3800	0.3449	0.2840
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0001
liver	0.7647	0.2353	0.7455	0.4868	0.7356
loan	0.9391	0.0609	0.9359	0.8713	0.3213
localization	0.5178	0.0877	0.2789	0.3555	0.4605
localization10%	0.5231	0.0867	0.2899	0.3655	0.4582
lrs	0.6038	0.1132	0.3705	0.4485	0.3795
lung	0.5238	0.1905	0.2311	0.1358	0.4559
lung_discrete	0.2500	0.3000	0.1818	0.0400	0.4355
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.2500	0.3000	0.1477	-0.0791	0.5035
lung-cancer-harvard2	0.3889	0.6111	0.5000	0.0000	0.5991
lung-cancer-michigan	0.5556	0.4444	0.6667	0.1818	0.3900

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.6562	0.6348	0.1754
lymphoma2	0.2222	0.2593	0.2273	0.0870	0.3351
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5538	0.4462	0.5541	0.1077	0.9637
magic04	0.8532	0.1468	0.8359	0.6681	0.5571
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6535	0.2310	0.6575	0.4658	0.5272
math	0.7750	0.1125	0.7104	0.6607	0.3213
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7819	0.6667	0.2396
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.7130	0.2870	0.7074	0.4148	0.8072
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	0.8889	0.0741	0.8889	0.8302	0.1290
meter-C	0.6111	0.1944	0.5758	0.4857	0.3593
meter-D	0.7778	0.1111	0.7948	0.6897	0.2237
mfeat-fac	0.9700	0.0060	0.9711	0.9667	0.0353
mfeat-fou	0.8000	0.0400	0.8040	0.7778	0.1838
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.7050	0.0590	0.7061	0.6722	0.1921
mfeat-pix	0.9150	0.0170	0.9174	0.9056	0.0970
mfeat-zer	0.7850	0.0430	0.7933	0.7611	0.1258
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9811	0.0126	0.9839	0.9711	0.0518
mines	0.6176	0.1529	0.5896	0.5196	0.3745
mobile	0.6678	0.0119	0.6911	0.6618	0.1453
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9879	0.0121	0.9765	0.9525	0.0842
MUT_ci300400a_cdk_ECFP2	0.7446	0.2554	0.7352	0.4694	0.7633
MUT_ci300400a_cdk_ECFP4	0.7341	0.2659	0.7277	0.4553	0.7783
MUT_ci300400a_cdk_ECFP6	0.6982	0.3018	0.6859	0.3700	0.8276
MUT_ci300400a_cdk_ESTATE	0.7086	0.2914	0.6989	0.3977	0.8153
MUT_ci300400a_cdk_EXTENDED	0.7818	0.2182	0.7756	0.5513	0.7037
MUT_ci300400a_cdk_FCFP2	0.7174	0.2826	0.7061	0.4109	0.8026
MUT_ci300400a_cdk_FCFP4	0.7182	0.2818	0.7066	0.4112	0.8002
MUT_ci300400a_cdk_FCFP6	0.7374	0.2626	0.7273	0.4531	0.7734
MUT_ci300400a_cdk_MACCS	0.7434	0.2566	0.7326	0.4618	0.7600
MUT_ci300400a_cdk_PUBCHEM	0.7988	0.2012	0.7913	0.5806	0.6677
MUT_ci300400a_cdk_STANDARD	0.7796	0.2204	0.7739	0.5478	0.7071
MUT_ci300400a_rdkit_descriptors	0.7231	0.2769	0.7406	0.4589	0.7243
myocardial	0.8471	0.0382	0.2220	0.2032	0.3590
naticusdroid	0.9512	0.0488	0.9513	0.9025	0.2597
NCI60	0.5000	0.1667	0.3793	0.4000	0.1784
nci9	0.1667	0.2778	0.0833	0.0000	0.3074
ncRNA1%	0.2704	0.0768	0.3522	0.1771	0.6037
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
newspop	0.5101	0.4899	0.5096	0.0192	0.9924
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9542	0.0459	0.9437	0.8873	0.2786
NPHA-doctor-visits	0.4861	0.3426	0.2815	-0.0382	0.6639
nursery	0.9329	0.0336	0.8991	0.9014	0.1395
obesity	0.1659	0.2383	0.0406	0.0000	0.3993
obs	0.8056	0.0972	0.8682	0.7166	0.2157
occupancy	0.8881	0.1119	0.8402	0.6800	0.5382
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0115
oh0-wc	0.3366	0.1327	0.2777	0.2392	0.6171
oh10-wc	0.3524	0.1295	0.2893	0.2651	0.5518
oh15-wc	0.2065	0.1587	0.1810	0.1112	0.6651
oh5-wc	0.2198	0.1560	0.2115	0.1256	0.6603
olive	0.9474	0.0117	0.9141	0.9348	0.0376
opn310k10%	0.9028	0.0972	0.6386	0.2622	0.6500
optdigits	0.9698	0.0060	0.9708	0.9664	0.0452
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.6500	0.0175	0.5834	0.6410	0.0613
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9684	0.0316	0.7696	0.5392	0.5390
ozone8hr	0.9012	0.0988	0.6173	0.2331	0.6756
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7113	0.2887	0.6994	0.3927	0.7948
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7540	0.2460	0.7533	0.5064	0.7443
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.8175	0.8696	0.0647
parkinson	0.9750	0.0250	0.9745	0.9478	0.1158
parkinsons	0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.5924	0.4076	0.5905	0.1656	0.8335
particle10%	0.9354	0.0646	0.9207	0.8413	0.3650
pasture	0.7500	0.1667	0.5714	0.6000	0.1321
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.4605	0.5395	0.4539	-0.0789	0.8475
pediatric-leukemia	0.0882	0.2605	0.0861	-0.0540	0.6920
pendigits	0.9763	0.0047	0.9760	0.9737	0.0361
period	0.4444	0.5556	0.5000	0.0000	0.8722
period-10f	0.6667	0.3333	0.6582	0.3077	0.8309
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.9508	0.0061	0.9508	0.9476	0.0835
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	0.9992	0.0008	0.9991	0.9983	0.0077
phone-acc0.1%	0.7772	0.0637	0.7588	0.7393	0.2226
phone-acc1%	0.7153	0.0813	0.7219	0.6680	0.2794
phone-gyr0.1%	0.7925	0.0593	0.7778	0.7572	0.2249
phone-gyr1%	0.4782	0.1491	0.5063	0.3933	0.4285
phoneme	0.8259	0.1741	0.7802	0.5592	0.6579
phy	0.6972	0.3028	0.6972	0.3944	0.8247
pima	0.7500	0.2500	0.7337	0.4412	0.6999
pirvision	0.9915	0.0057	0.9856	0.9734	0.0747
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker1%	0.4898	0.1458	0.1339	-0.0072	0.2820
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-1st	0.4538	0.5462	0.3855	-0.0497	0.2324
polish-2nd	0.8368	0.1632	0.4808	-0.0271	0.4236
polish-3rd	0.7781	0.2219	0.5603	0.0745	0.4152
polish-4th	0.6235	0.3765	0.5537	0.0470	0.3368
polish-5th	0.2606	0.7394	0.4220	-0.0406	0.3171
polya	0.7903	0.2097	0.7668	0.5311	0.6963
popularity	0.6749	0.2167	0.4500	0.2577	0.5927
post-operative	0.4444	0.3704	0.2051	-0.1538	0.2170
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.5294	0.4706	0.5299	0.0588	0.9762
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.5152	0.0746	0.4258	0.4562	0.2673
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7910	0.2090	0.7511	0.4777	0.6529
promoters	0.6000	0.4000	0.5833	0.1667	0.9308
prostate	0.5000	0.5000	0.4785	-0.0426	1.0000
prostate_GE	0.5455	0.4545	0.5500	0.0984	0.9584
puc-rio	0.9394	0.0242	0.9065	0.9185	0.1254
puc-rio10%	0.8841	0.0463	0.8495	0.8475	0.1662
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc	0.5267	0.0728	0.2544	0.3849	0.4403
re1-wc	0.3554	0.0516	0.1190	0.2723	0.3809
rejafada	0.9045	0.0955	0.4749	-0.0465	0.5251
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6372	0.3628	0.6105	0.2130	0.8903
satimage	0.9082	0.0306	0.8947	0.8868	0.1506
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.9409	0.0591	0.8190	0.6234	0.4272
scadi	0.8571	0.0571	0.7467	0.8056	0.0503
schiller	0.6667	0.3333	0.7404	0.3721	0.5239
schizo	0.4706	0.5294	0.4697	-0.0588	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8333	0.1667	0.5293	0.0523	0.5880
secondary_mushroom	0.8002	0.1998	0.7971	0.5938	0.6653
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9134	0.0247	0.9203	0.8987	0.1009
segmentation	0.8515	0.1485	0.8372	0.6743	0.5758
segmentO	0.9913	0.0087	0.9828	0.9655	0.1114
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram	0.8346	0.1654	0.4786	-0.0285	0.7371
sens-2-gram	0.8474	0.1526	0.5962	0.1788	0.7282
sens-3-gram	0.8316	0.1684	0.6054	0.2094	0.7494
sens-4-gram	0.5447	0.4553	0.4814	-0.0259	0.6186
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-7-gram	0.8263	0.1737	0.5450	0.0847	0.7689
sens-8-gram	0.8342	0.1658	0.5868	0.1688	0.7528
sens-9-gram	0.8289	0.1711	0.5280	0.0500	0.7666
sensorless	0.4768	0.0951	0.5149	0.4244	0.3560
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8970	0.1030	0.7839	0.5583	0.5531

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shuttle	0.9909	0.0026	0.6462	0.9743	0.1119
sick	0.9655	0.0345	0.8435	0.6656	0.3054
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin	0.9567	0.0433	0.9353	0.8703	0.3187
skin10%	0.9530	0.0470	0.9293	0.8585	0.3303
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.2400	0.3800	0.2284	-0.0171	0.8628
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7554	0.0815	0.6867	0.6849	0.1876
sonar	0.5500	0.4500	0.5582	0.1000	0.9018
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.7630	0.2370	0.7582	0.5142	0.7297
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.7429	0.2571	0.7625	0.4793	0.6462
spectrometer	0.3077	0.0513	0.2428	0.2733	0.2158
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles	0.8000	0.2000	0.7817	0.5612	0.6749
squash-stored	0.4000	0.4000	0.2222	0.0625	0.4447
squash-unstored	0.6000	0.2667	0.4706	0.2857	0.2642
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8091	0.1273	0.7725	0.6907	0.3707
steel-b	0.8410	0.1590	0.7585	0.5170	0.6717
steel-d	0.9846	0.0154	0.8820	0.7613	0.4382
steel-k	0.9949	0.0051	0.9921	0.9841	0.0266
steel-o	0.8051	0.1949	0.7785	0.5395	0.6291
steel-p	0.9179	0.0821	0.6063	0.0946	0.4184
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9590	0.0410	0.8834	0.7667	0.4153
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.5278	0.4722	0.5135	0.0208	0.7137
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.5520	0.4480	0.3557	0.0000	0.5174
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6050	0.1580	0.3343	0.3521	0.4737
student-depression	0.8366	0.1634	0.8305	0.6598	0.5923
student-habits	0.3900	0.2440	0.1830	0.0415	0.5254
student-weekend	0.3692	0.2523	0.3213	0.1381	0.6489
student-workday	0.7188	0.1125	0.2575	0.2582	0.4126
studentap	0.3846	0.4103	0.3713	0.0545	0.8060
susy1%	0.4968	0.5032	0.4923	-0.0153	1.0000
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.4000	0.4000	0.4055	0.1000	0.8022
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	1.0000	0.0000	1.0000	1.0000	0.0000
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8684	0.1316	0.8578	0.7040	0.5342
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis10%	0.7836	0.2164	0.7115	0.4229	0.7511
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.3529	0.3235	0.3129	0.1179	0.5979
toxicity	0.7647	0.2353	0.7684	0.5211	0.6923

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity-13f	0.5882	0.4118	0.5318	0.0630	0.9501
trains	0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion	0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc	0.2195	0.1734	0.1231	0.0479	0.4212
trec12-wc	0.2903	0.1774	0.1579	0.1475	0.3989
trec21-wc	0.3333	0.2667	0.2093	0.0535	0.2717
trec23-wc	0.3333	0.2222	0.1736	0.0607	0.4909
trec31-wc	0.3011	0.2330	0.2632	0.1306	0.6848
trec41-wc	0.1705	0.1659	0.1468	0.0564	0.4460
trec45-wc	0.1159	0.1768	0.0669	-0.0125	0.5113
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.7750	0.1125	0.7968	0.7000	0.2755
tvnews1%	0.8692	0.1308	0.8619	0.7228	0.5308
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9660	0.0340	0.6036	0.1281	0.4307
ur3_cobotops_stop	0.9633	0.0367	0.6309	0.1707	0.4131
urban	0.4030	0.1327	0.2987	0.3017	0.5017
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7857	0.1071	0.7734	0.7142	0.1966
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5455	0.0826	0.6056	0.5000	0.2356
vowelZ	0.8889	0.1111	0.6803	0.3598	0.6693
wap-wc	0.2436	0.0756	0.1492	0.1680	0.4068
warpar10p	0.3077	0.1385	0.2400	0.2353	0.2221
warppie10p	0.2381	0.1524	0.2222	0.1579	0.3390
watch-acc1%	0.7292	0.0774	0.7290	0.6831	0.3025
watch-gyr1%	0.7611	0.0683	0.7568	0.7210	0.2721
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8300	0.1133	0.8301	0.7450	0.3849
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8000	0.1333	0.6333	0.6379	0.5164
Weekly	0.9815	0.0185	0.9812	0.9625	0.1262
weight-lift	0.8364	0.0654	0.8267	0.7918	0.1871
white-clover	0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0385
wilt	0.9876	0.0124	0.9406	0.8781	0.3356
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6164	0.1279	0.4247	0.3762	0.4944
winequality-white	0.5317	0.1561	0.3549	0.2636	0.5489
winnipeg10%	0.3372	0.1894	0.3785	0.1241	0.4225
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.3750	0.0833	0.3569	0.3305	0.1675
yeast	0.5946	0.0811	0.3953	0.4721	0.3127
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9247	0.0151	0.9183	0.9156	0.1111

Table 299: Detailed results for GAMSPLINE(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1880	0.0773	0.1337	0.1026	0.5090
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9573	0.0427	0.9076	0.7972	0.1300
adult	0.8391	0.1609	0.7619	0.5156	0.6412
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_KlekotaRothFingerprinter	0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.8485	0.1010	0.3060	-0.0312	0.3887
AID1284Morered	0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red	0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.2857	0.7143	0.2222	-0.2963	0.6098
AID439red	0.5714	0.4286	0.6818	0.2222	0.4422
AID456red	0.0030	0.9970	0.0030	0.0000	0.0086
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.6030	0.2045	0.8754
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.3333	0.6667	0.2500	-0.4211	0.8208
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
aids	0.9061	0.0939	0.8675	0.7279	0.4270
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7524	0.0990	0.4377	0.4024	0.2667
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.9663	0.0135	0.9604	0.9297	0.1114
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9791	0.0104	0.9466	0.9601	0.0521
anuran-genus	0.9791	0.0052	0.9559	0.9658	0.1042
anuran-species	0.9847	0.0031	0.9576	0.9788	0.0416
anxiety	0.0833	0.2037	0.0827	-0.0334	0.8316
apple-quality	0.7700	0.2300	0.7703	0.5400	0.7157
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.3333	0.1333	0.2442	0.1066	0.7132
auction	0.8971	0.1029	0.7430	0.4771	0.5987
audiology	0.6818	0.0579	0.5455	0.6188	0.1437
audit-risk	0.9487	0.0513	0.9465	0.8929	0.2780
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7500	0.8693	0.0988
avila	0.6670	0.0555	0.6091	0.5303	0.3310

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
babies	0.4919	0.1452	0.1619	0.1931	0.3753
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.9116	0.0884	0.7521	0.4931	0.5669
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9101	0.0899	0.9020	0.8002	0.3834
basehock	0.9246	0.0754	0.9246	0.8492	0.3562
bio10%	0.9945	0.0055	0.8815	0.7473	0.4836
biodeg	0.8571	0.1429	0.8494	0.6986	0.5580
biomed	0.3810	0.6190	0.4541	-0.0380	0.7804
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.9091	0.0909	0.9141	0.8136	0.2846
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.7000	0.0857	0.5073	0.5946	0.1534
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8506	0.0747	0.6296	0.6796	0.3505
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8841	0.1159	0.8828	0.7643	0.4795
cardiotocography	0.8545	0.0291	0.8189	0.8258	0.1720
cardiotocography-nsp	0.9061	0.0626	0.8272	0.7326	0.2766
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5393	0.4190	0.5700
cas_N6512_cdk_ECFP2	0.6897	0.3103	0.6881	0.3762	0.8348
cas_N6512_rdkit_ATOMPAIR	0.7262	0.2738	0.7248	0.4496	0.7864
cas_N6512_RDkit_AtomPair_FP	0.7393	0.2607	0.7369	0.4724	0.7650
cas_N6512_rdkit_AVALON	0.7650	0.2350	0.7651	0.5292	0.7242
cas_N6512_RDkit_Avalon_FP	0.7699	0.2301	0.7693	0.5382	0.7181
cas_N6512_rdkit_descriptors	0.7585	0.2415	0.7567	0.5132	0.7378
cas_N6512_rdkit_FEATMORGAN	0.6959	0.3041	0.6926	0.3835	0.8249
cas_N6512_RDkit_Featmorgan_FP	0.6886	0.3114	0.6869	0.3738	0.8364
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.7585	0.2415	0.7576	0.5151	0.7370
cas_N6512_RDkit_Layered_FP	0.7515	0.2485	0.7495	0.4985	0.7480
cas_N6512_rdkit_MACCS	0.7573	0.2427	0.7553	0.5071	0.7308
cas_N6512_RDkit_MACCS_FP	0.7638	0.2362	0.7634	0.5264	0.7274
cas_N6512_rdkit_MORGAN	0.7415	0.2585	0.7392	0.4765	0.7603
cas_N6512_RDkit_morgan_FP	0.7132	0.2868	0.7122	0.4242	0.8038
cas_N6512_rdkit_PATTERN	0.7631	0.2369	0.7621	0.5240	0.7300
cas_N6512_RDkit_pattern_FP	0.7653	0.2347	0.7644	0.5287	0.7262
cas_N6512_rdkit_RDKITFP	0.7235	0.2765	0.7225	0.4449	0.7896
cas_N6512_rdkit_TORSION	0.6738	0.3262	0.6716	0.3432	0.8544
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8501	0.0999	0.4289	0.2154	0.3225
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9683	0.0317	0.7755	0.5158	0.3791
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-H	0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9996	0.0004	0.8774	0.7506	0.2824
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8054	0.6107	0.4619
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8330	0.1670	0.7020	0.3612	0.6245
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7053	0.2947	0.6837	0.3670	0.8261
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.8333	0.1111	0.5686	0.6704	0.3026
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7704	0.1148	0.4942	0.6232	0.3001
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9200	0.0800	0.7382	0.3103	0.1938
cmc	0.5238	0.3175	0.4947	0.2385	0.7078
cnae-9	0.8148	0.0412	0.8352	0.7917	0.1658
codon_usage	0.9163	0.0152	0.7645	0.8982	0.1756
coil20	0.8889	0.0111	0.8875	0.8830	0.0716
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.7200	0.0373	0.6048	0.6939	0.1240
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2	0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.7241	0.2759	0.6548	0.3095	0.8231
colposcopies-5	0.7931	0.2069	0.6375	0.2750	0.7711
colposcopies-6	0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c	0.5862	0.4138	0.4351	-0.1299	0.9159
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons	0.5197	0.4803	0.3420	0.0000	0.5252
cottonmeloidogyne	0.7885	0.2115	0.7889	0.5771	0.6835
coupon	0.4314	0.5686	0.3014	0.0000	0.5291
covtype10%	0.7141	0.0817	0.5135	0.5203	0.3367
covtypeCD	0.9652	0.0348	0.9245	0.8484	0.2923
covtypeT	0.9618	0.0382	0.8399	0.6731	0.4039
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9272	0.0243	0.8053	0.8469	0.1766
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.5625	0.0273	0.4922	0.5484	0.0826
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.8148	0.1852	0.8250	0.6341	0.5842
cylinder-bands	0.7963	0.2037	0.7931	0.5858	0.6749
darwin	0.4444	0.5556	0.4430	-0.1111	1.0000
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8187	0.1813	0.6969	0.3506	0.6416
defect	0.9136	0.0864	0.8241	0.6271	0.4273
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8910	0.1090	0.6802	0.3300	0.6090
depressed	0.8322	0.1678	0.4542	0.0000	0.3159

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dermatology	0.9459	0.0180	0.9524	0.9327	0.0608
desharnais	0.8750	0.0833	0.9106	0.7838	0.2032
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.6163	0.4483	0.3623
DIA	0.2500	0.7500	0.2000	0.0000	0.4422
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9664	0.0336	0.8830	0.7388	0.1373
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5000	0.3333	0.3842	0.0535	0.6852
diabetic10%	0.5786	0.2809	0.4280	0.1659	0.5598
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5689	0.4311	0.5640	0.1248	0.9469
dota210%	0.5621	0.4379	0.5577	0.1139	0.9565
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7675	0.1550	0.6845	0.6088	0.4543
drug-01	0.4255	0.1641	0.1706	0.0921	0.5135
drug-02	0.5000	0.1429	0.1582	0.0926	0.5250
drug-03	0.6809	0.1064	0.1570	0.0504	0.3490
drug-04	0.5213	0.1368	0.1808	0.0788	0.4364
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2578	0.2833	0.4774
drug-07	0.4521	0.1826	0.1589	0.0622	0.3826
drug-08	0.5638	0.1246	0.1991	0.1387	0.4302
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.2220	0.1453	0.3634
drug-11	0.8511	0.0426	0.1317	0.0277	0.1222
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1752	0.2331	0.3341
drug-14	0.5904	0.1170	0.2794	0.2352	0.4082
drug-15	0.7660	0.0669	0.1495	0.0780	0.1808
drug-16	0.6011	0.1330	0.3233	0.3222	0.4212
drug-17	0.3670	0.1809	0.1768	0.1186	0.4925
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7553	0.0699	0.1233	-0.0042	0.2725
drybean	0.9317	0.0195	0.9434	0.9174	0.1172
ecoli	0.8529	0.0368	0.5371	0.7962	0.1435
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2131	-0.0529	0.8686
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.7283	0.2717	0.7238	0.4428	0.7744
eeg10%	0.3486	0.0814	0.3591	0.2764	0.5936
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6575	0.1370	0.6536	0.5610	0.3695
euthyroid	0.9715	0.0285	0.9153	0.8266	0.2470
exon.vs.intron-freq10%	0.9591	0.0409	0.9590	0.9180	0.2299
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc	0.5244	0.0560	0.4677	0.4745	0.4833

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9410	0.9200	0.0398
flags	0.3000	0.2000	0.2032	0.1642	0.4777
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9734	0.0089	0.9738	0.9678	0.0616
gastrointestinal	1.0000	0.0000	1.0000	1.0000	0.0000
gender	0.6042	0.2639	0.5079	0.1514	0.5081
gene	0.9148	0.0568	0.9031	0.8639	0.2370
german	0.7500	0.2500	0.7110	0.3902	0.7087
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8098	0.1902	0.8098	0.6195	0.6456
glass	0.7619	0.0794	0.8249	0.6789	0.2088
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP	0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8427	0.6816	0.5635
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8929	0.1071	0.8904	0.7805	0.4593
green	0.4000	0.6000	0.3902	-0.2000	0.9308
grub-damage	0.4000	0.3000	0.3529	0.1818	0.4831
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
har	0.2844	0.2862	0.0886	0.0000	0.3861
har701%	0.8867	0.0324	0.5211	0.8309	0.1388
har7010%	0.8762	0.0354	0.5137	0.8138	0.1461
harth1%	0.8042	0.0326	0.3845	0.7277	0.1787
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.7059	0.2941	0.6916	0.3511	0.7534
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8409	0.1591	0.8410	0.6816	0.5795
hERG-121inputs	0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.7036	0.2964	0.7020	0.3996	0.8076
higgs1%	0.6735	0.3265	0.6713	0.3373	0.8434
higher	0.2143	0.1964	0.1273	0.0941	0.3755
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8921	0.1079	0.7992	0.5959	0.5699
hiva	0.8794	0.1206	0.5564	0.0873	0.4663
horse	0.5833	0.2778	0.5468	0.2613	0.6395
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.7009	0.1994	0.7059	0.5519	0.5022
htru2	0.9799	0.0201	0.9374	0.8729	0.2054

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hypothyroid	0.9761	0.0119	0.6925	0.8541	0.3237
hypothyroidT	0.9788	0.0212	0.9211	0.8289	0.0734
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.6667	0.3333	0.5950	0.1818	0.8134
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9800	0.9592	0.1023
jm1	0.8228	0.1772	0.6511	0.1889	0.5388
jvowels	0.9689	0.0069	0.9665	0.9647	0.0495
kc1	0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot	0.6000	0.4000	0.5618	0.1176	0.9288
kc1-class-level-numericdefect	0.3846	0.2462	0.2680	0.1613	0.3463
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7308	0.2692	0.5965	0.1929	0.8287
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.0020	0.1535	0.0003	0.0000	0.2182
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2827	0.0797	0.2179	0.1792	0.5300
krvskp	0.9655	0.0345	0.9657	0.9310	0.1983
la1s-wc	0.6635	0.1122	0.6284	0.5735	0.4721
la2s-wc	0.2517	0.2494	0.0670	0.0000	0.3690
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0230	0.7291	0.7233	0.0722
led24	0.5500	0.0900	0.5405	0.4972	0.1989
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8390	0.0124	0.8408	0.8325	0.1753
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.0000	1.0000	0.0000	-0.9600	0.9852
libra	0.5278	0.0630	0.4939	0.4925	0.1892
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9368	0.0632	0.9332	0.8662	0.3295
localization	0.4907	0.0926	0.2023	0.3122	0.4271
localization10%	0.4836	0.0939	0.2002	0.3020	0.4413
lrs	0.6981	0.0863	0.4758	0.5756	0.2644
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.0000	0.4000	0.0000	-0.1852	0.5833
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2	0.2222	0.2593	0.1852	0.0455	0.2765
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5385	0.4615	0.5385	0.0769	0.9756
magic04	0.8443	0.1557	0.8256	0.6468	0.5766
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6139	0.2574	0.6080	0.4056	0.5560
math	0.8000	0.1000	0.7328	0.6952	0.3164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.7391	0.2609	0.7335	0.4668	0.7701
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.5294	0.4324	0.3331
meter-D	0.7778	0.1111	0.6444	0.6842	0.1638
mfeat-fac	0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-fou	0.8100	0.0380	0.8115	0.7889	0.1775
mfeat-kar	0.9200	0.0160	0.9219	0.9111	0.0956
mfeat-mor	0.7550	0.0490	0.7630	0.7278	0.1797
mfeat-pix	0.9200	0.0160	0.9209	0.9111	0.0951
mfeat-zer	0.8100	0.0380	0.8149	0.7889	0.1396
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5074	0.4414	0.4180
mobile	0.2308	0.0275	0.3264	0.2170	0.3547
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9833	0.0167	0.9677	0.9333	0.0652
MUT_ci300400a_cdk_ECFP2	0.7446	0.2554	0.7352	0.4694	0.7633
MUT_ci300400a_cdk_ECFP4	0.7341	0.2659	0.7277	0.4553	0.7783
MUT_ci300400a_cdk_ECFP6	0.6982	0.3018	0.6859	0.3700	0.8276
MUT_ci300400a_cdk_ESTATE	0.7086	0.2914	0.6989	0.3977	0.8153
MUT_ci300400a_cdk_EXTENDED	0.7818	0.2182	0.7756	0.5513	0.7037
MUT_ci300400a_cdk_FCFP2	0.7174	0.2826	0.7061	0.4109	0.8026
MUT_ci300400a_cdk_FCFP4	0.7182	0.2818	0.7066	0.4112	0.8002
MUT_ci300400a_cdk_FCFP6	0.7374	0.2626	0.7273	0.4531	0.7734
MUT_ci300400a_cdk_MACCS	0.7434	0.2566	0.7326	0.4618	0.7600
MUT_ci300400a_cdk_PUBCHEM	0.7988	0.2012	0.7913	0.5806	0.6677
MUT_ci300400a_cdk_STANDARD	0.7796	0.2204	0.7739	0.5478	0.7071
MUT_ci300400a_rdkit_descriptors	0.8058	0.1942	0.8004	0.6003	0.6568
myocardial	0.8118	0.0471	0.2187	0.2736	0.5841
naticusdroid	0.9512	0.0488	0.9513	0.9025	0.2597
NCI60	0.5000	0.1667	0.4375	0.4000	0.1756
nci9	0.0000	0.3333	0.0000	-0.2000	0.4283
ncRNA1%	0.8559	0.0152	0.2208	0.5685	0.5456
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6602	0.3398	0.6576	0.3144	0.8688
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9527	0.0473	0.9419	0.8839	0.2867
NPHA-doctor-visits	0.4861	0.3426	0.2694	-0.0517	0.5491
nursery	0.9144	0.0428	0.7794	0.8732	0.1473
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.7500	0.1250	0.8212	0.6301	0.2499
occupancy	0.8196	0.1804	0.7341	0.4658	0.7002
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.4257	0.1149	0.3459	0.3482	0.5373
oh10-wc	0.2286	0.1543	0.2661	0.1269	0.6691
oh15-wc	0.4348	0.1130	0.4147	0.3687	0.4989

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
oh5-wc	0.2418	0.1516	0.2269	0.1498	0.6202
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%	0.9152	0.0848	0.6470	0.1989	0.4745
optdigits	0.9288	0.0142	0.9299	0.9209	0.1016
optdigitsZ	0.9947	0.0053	0.9834	0.9668	0.0845
orl	0.1000	0.0450	0.0761	0.0769	0.2446
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9684	0.0316	0.6987	0.3213	0.3858
ozone8hr	0.9091	0.0909	0.6109	0.2123	0.6617
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7113	0.2887	0.6994	0.3927	0.7948
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7540	0.2460	0.7533	0.5064	0.7443
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9689	0.0124	0.8400	0.8189	0.2274
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.9117	0.0883	0.8904	0.7808	0.4414
particle10%	0.9223	0.0777	0.9048	0.8094	0.4115
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.5658	0.4342	0.5156	0.0294	0.8633
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9709	0.0058	0.9709	0.9676	0.0476
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.9142	0.0107	0.9142	0.9084	0.1347
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.6976	0.0864	0.6732	0.6451	0.3116
phone-acc1%	0.6606	0.0970	0.6423	0.6020	0.3218
phone-gyr0.1%	0.7272	0.0779	0.7129	0.6798	0.2786
phone-gyr1%	0.1372	0.2465	0.0345	0.0000	0.4034
phoneme	0.8056	0.1944	0.7532	0.5046	0.6985
phy	0.6982	0.3018	0.6982	0.3964	0.8234
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9321	0.0453	0.8856	0.8118	0.3220
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.7889	0.5778	0.6844
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4859	0.1469	0.1263	-0.0200	0.2679
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9246	0.0754	0.5315	0.0626	0.6072
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th	0.9442	0.0558	0.7319	0.3976	0.4050
polya	0.7957	0.2043	0.7734	0.5448	0.6874
popularity	0.6726	0.2182	0.4591	0.2328	0.4837
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9443	0.0223	0.9444	0.9304	0.1174
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6179	0.2353	0.9116
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0839	0.4374	0.4000	0.2799

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
profb	0.8060	0.1940	0.7717	0.5087	0.5882
promoters	0.6000	0.4000	0.5833	0.1667	0.9308
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.9222	0.0311	0.8710	0.8949	0.1397
puc-rio10%	0.9324	0.0270	0.8812	0.9087	0.1236
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc	0.6867	0.0482	0.5538	0.6040	0.3715
re1-wc	0.3735	0.0501	0.2111	0.3168	0.5091
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6067	0.3933	0.5739	0.1405	0.9189
RT_IOT2022	0.0163	0.1639	0.0027	0.0000	0.1787
satimage	0.8974	0.0342	0.8806	0.8730	0.1587
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9409	0.0591	0.8168	0.6111	0.3968
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.6667	0.3333	0.7404	0.3721	0.5239
schizo	0.5588	0.4412	0.5648	0.1176	0.9174
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8397	0.1603	0.5976	0.1681	0.5777
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9307	0.0198	0.9393	0.9190	0.0755
segmentation	0.8317	0.1683	0.8155	0.6308	0.6203
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9380	0.0620	0.6847	0.1046	0.1594
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram	0.8661	0.1339	0.5947	0.0793	0.4875
sens-2-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-3-gram	0.8553	0.1447	0.5678	0.0991	0.6711
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8605	0.1395	0.5807	0.1104	0.6333
sens-7-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram	0.8474	0.1526	0.5411	0.0613	0.7067
sens-9-gram	0.8658	0.1342	0.5694	0.0500	0.4928
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8929	0.1071	0.7673	0.5090	0.5275
shuttle	0.9769	0.0066	0.7575	0.9369	0.0700
sick	0.9682	0.0318	0.8573	0.6981	0.2956
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9465	0.0535	0.9197	0.8392	0.3615
skin10%	0.9391	0.0609	0.9077	0.8153	0.3861
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1631	-0.1218	0.8701
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7410	0.0863	0.5843	0.6650	0.1937
sonar	0.4500	0.5500	0.4475	-0.1000	1.0000
soybean	0.9265	0.0077	0.8994	0.9193	0.0500
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spambase	0.8500	0.1500	0.8421	0.6768	0.5384
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.9429	0.0571	0.9304	0.8511	0.1808
spectrometer	0.1923	0.0598	0.1570	0.1455	0.2909
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles	0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5385	0.5455	0.2005
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8176	0.1216	0.7787	0.7030	0.3513
steel-b	0.8410	0.1590	0.7504	0.4989	0.6702
steel-d	0.9897	0.0103	0.9069	0.7950	0.0398
steel-k	0.9949	0.0051	0.9921	0.9841	0.0266
steel-o	0.8000	0.2000	0.7722	0.5291	0.6469
steel-p	0.9436	0.0564	0.8075	0.6146	0.5232
steel-s	0.9744	0.0256	0.8122	0.6029	0.3542
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8958	0.1042	0.8214	0.6426	0.5583
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6500	0.1400	0.3743	0.4273	0.3925
student-depression	0.8387	0.1613	0.8327	0.6643	0.5874
student-habits	0.4100	0.2360	0.1887	0.0632	0.4630
student-weekend	0.3538	0.2585	0.2349	0.1070	0.6947
student-workday	0.7031	0.1187	0.2667	0.2419	0.5421
studentap	0.1538	0.5641	0.1508	-0.2768	0.8358
susy1%	0.8054	0.1946	0.8044	0.6039	0.6398
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9891	0.0020	0.9897	0.9880	0.0161
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9074	0.8131	0.4145
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis10%	0.8209	0.1791	0.7588	0.5176	0.6891
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.7647	0.2353	0.7684	0.5211	0.6923
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion	0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc	0.1220	0.1951	0.0753	-0.0130	0.5098
trec12-wc	0.0645	0.2339	0.0359	-0.1380	0.6023
trec21-wc	0.0303	0.3879	0.0154	-0.0086	0.4349
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.2796	0.2401	0.1948	0.0057	0.6217
trec41-wc	0.1023	0.1795	0.0186	0.0000	0.3474
trec45-wc	0.1304	0.1739	0.1096	-0.0078	0.6314
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.8000	0.1000	0.8115	0.7333	0.2881
tvnews1%	0.9462	0.0538	0.9435	0.8859	0.2962
tvnews10%	0.9052	0.0948	0.8974	0.7944	0.4264
ur3_cobotops_grip	0.9687	0.0313	0.6812	0.0776	0.0951

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_stop	0.9660	0.0340	0.6856	0.3106	0.4363
urban	0.6119	0.0862	0.5104	0.5446	0.3283
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
vehicle	0.7738	0.1131	0.7635	0.6987	0.2036
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5556	0.0808	0.6198	0.5111	0.2030
vowelZ	0.9495	0.0505	0.8400	0.6784	0.4613
wap-wc	0.6410	0.0359	0.4773	0.6012	0.3001
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.7040	0.0846	0.6956	0.6534	0.3342
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr1%	0.6928	0.0878	0.6855	0.6408	0.3257
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8380	0.1080	0.8381	0.7570	0.3712
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8222	0.1185	0.6635	0.6687	0.3896
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9876	0.0124	0.9444	0.8824	0.3522
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6101	0.1300	0.2808	0.3621	0.4383
winequality-white	0.5276	0.1575	0.3078	0.2477	0.5487
wisc_bc	0.9474	0.0526	0.9478	0.8902	0.2605
yale	0.0625	0.1250	0.0148	0.0000	0.3022
yeast	0.5946	0.0811	0.3994	0.4738	0.3152
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.8817	0.0237	0.8775	0.8672	0.1616

Table 300: Detailed results for GAMSPLINE(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1928	0.0769	0.1468	0.1138	0.5227
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.8000	0.2000	0.8000	0.6000	0.6644
ads	0.9604	0.0396	0.9145	0.8136	0.1233
adult	0.8391	0.1609	0.7619	0.5156	0.6412
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8810	0.1190	0.5325	0.0597	0.7131
AID_1431_KlekotaRothFingerprinter	0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878	0.7905	0.2095	0.5065	0.0086	0.7569
AID_602330	0.9062	0.0938	0.5274	0.0526	0.5840
AID_652128	0.8283	0.1145	0.3615	0.0394	0.6136
AID1284Morered	0.7500	0.2500	0.4286	-0.1408	0.8101
AID1284red	0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608Morered	0.8447	0.1553	0.5668	0.1225	0.6146
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.2857	0.7143	0.2222	-0.2963	0.6098
AID439red	0.5714	0.4286	0.6818	0.2222	0.4422
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.6030	0.2045	0.8754
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.3333	0.6667	0.2500	-0.4211	0.8208
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
aids	0.9061	0.0939	0.8675	0.7279	0.4270
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8095	0.0762	0.4616	0.5538	0.1866
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.9775	0.0090	0.9742	0.9538	0.1270
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9777	0.0111	0.9664	0.9574	0.0535
anuran-genus	0.9736	0.0066	0.9293	0.9564	0.1237
anuran-species	0.9847	0.0031	0.9662	0.9788	0.0552
anxiety	0.0667	0.2074	0.0658	-0.0520	0.8423
apple-quality	0.7700	0.2300	0.7703	0.5400	0.7157
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.5111	0.0978	0.1735	0.1024	0.4174
auction	0.8971	0.1029	0.7430	0.4771	0.5987
audiology	0.7273	0.0496	0.5338	0.6683	0.1205
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7399	0.8662	0.0737
avila	0.7139	0.0477	0.7195	0.6029	0.3379
babies	0.4839	0.1475	0.1850	0.1956	0.5081
balance	0.8871	0.0753	0.7647	0.8002	0.3634
bank	0.9116	0.0884	0.7521	0.4931	0.5669
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9101	0.0899	0.9019	0.8007	0.3894
basehock	0.9296	0.0704	0.9297	0.8593	0.3385
bio10%	0.9945	0.0055	0.8815	0.7473	0.4836
biodeg	0.8476	0.1524	0.8403	0.6800	0.5791
biomed	0.5714	0.4286	0.6058	0.1888	0.8514
bitcoin1%	0.9856	0.0041	0.1418	-0.0004	0.1296
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.9091	0.0909	0.9141	0.8136	0.2846
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.9091	0.0303	0.9167	0.8889	0.0434
bridges	0.6000	0.1143	0.5570	0.5122	0.2470
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9023	0.0489	0.8992	0.7938	0.2565
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography	0.8592	0.0282	0.8385	0.8310	0.1760
cardiotocography-nsp	0.9014	0.0657	0.8332	0.7261	0.2783
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8000	0.1333	0.7308	0.6355	0.4736
cas_N6512_cdk_ECFP2	0.6897	0.3103	0.6881	0.3762	0.8348
cas_N6512_rdkit_ATOMPAIR	0.7262	0.2738	0.7248	0.4496	0.7864
cas_N6512_RDkit_AtomPair_FP	0.7393	0.2607	0.7369	0.4724	0.7650
cas_N6512_rdkit_AVALON	0.7650	0.2350	0.7651	0.5292	0.7242
cas_N6512_RDkit_Avalon_FP	0.7699	0.2301	0.7693	0.5382	0.7181
cas_N6512_rdkit_descriptors	0.7585	0.2415	0.7567	0.5132	0.7378
cas_N6512_rdkit_FEATMORGAN	0.6959	0.3041	0.6926	0.3835	0.8249
cas_N6512_RDkit_Featmorgan_FP	0.6886	0.3114	0.6869	0.3738	0.8364
cas_N6512_RDkit_FP	0.7132	0.2868	0.7109	0.4215	0.8046
cas_N6512_rdkit_LAYERED	0.7585	0.2415	0.7576	0.5151	0.7370
cas_N6512_RDkit_Layered_FP	0.7515	0.2485	0.7495	0.4985	0.7480
cas_N6512_rdkit_MACCS	0.7573	0.2427	0.7553	0.5071	0.7308
cas_N6512_RDkit_MACCS_FP	0.7638	0.2362	0.7634	0.5264	0.7274
cas_N6512_rdkit_MORGAN	0.7415	0.2585	0.7392	0.4765	0.7603
cas_N6512_RDkit_morgan_FP	0.7132	0.2868	0.7122	0.4242	0.8038
cas_N6512_rdkit_PATTERN	0.7631	0.2369	0.7621	0.5240	0.7300
cas_N6512_RDkit_pattern_FP	0.7653	0.2347	0.7644	0.5287	0.7262
cas_N6512_rdkit_RDKITFP	0.7235	0.2765	0.7225	0.4449	0.7896
cas_N6512_rdkit_TORSION	0.6738	0.3262	0.6716	0.3432	0.8544
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8501	0.0999	0.4288	0.2144	0.3220
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9683	0.0317	0.7755	0.5158	0.3791
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9996	0.0004	0.8774	0.7506	0.2824
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8054	0.6107	0.4619
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8330	0.1670	0.7020	0.3612	0.6245
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7053	0.2947	0.6837	0.3670	0.8261
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.5169	0.4978	0.5129
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8019	0.0991	0.5619	0.6893	0.3164
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678
cm1	0.9200	0.0800	0.7382	0.3103	0.1938
cmc	0.5102	0.3265	0.4801	0.2260	0.7302
cnae-9	0.8426	0.0350	0.8509	0.8229	0.1640
codon_usage	0.9018	0.0179	0.7479	0.8807	0.1950
coil20	0.5208	0.0479	0.5229	0.4955	0.2764
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.9800	0.0027	0.9221	0.9780	0.0058
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2	0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3	0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4	0.6552	0.3448	0.6009	0.1989	0.8605
colposcopies-5	0.8276	0.1724	0.7217	0.4402	0.7050
colposcopies-6	0.6552	0.3448	0.6656	0.2995	0.7967
colposcopies-c	0.6552	0.3448	0.4777	-0.0432	0.9116
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne	0.7885	0.2115	0.7889	0.5771	0.6835
coupon	0.6909	0.3091	0.6815	0.3611	0.8346
covtype10%	0.7325	0.0764	0.6261	0.5599	0.3777
covtypeCD	0.9652	0.0348	0.9245	0.8484	0.2923
covtypeT	0.9618	0.0382	0.8399	0.6731	0.4039
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9346	0.0218	0.8568	0.8646	0.1740
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.6875	0.0195	0.6342	0.6774	0.0567
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.7778	0.2222	0.7761	0.5506	0.7038
darwin	0.4444	0.5556	0.4430	-0.1111	1.0000
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8187	0.1813	0.6969	0.3506	0.6416
defect	0.9136	0.0864	0.8241	0.6271	0.4273
dementia	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
deposit	0.8927	0.1073	0.6880	0.3477	0.6051
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8125	0.1250	0.8155	0.7073	0.2390
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9664	0.0336	0.8830	0.7388	0.1373
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%	0.5196	0.3203	0.3999	0.0906	0.6753
diabetic10%	0.5717	0.2855	0.4291	0.1544	0.5631
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5685	0.4315	0.5636	0.1240	0.9471
dota210%	0.5612	0.4388	0.5567	0.1118	0.9572
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7720	0.1520	0.6993	0.6191	0.4573
drug-01	0.4096	0.1687	0.1869	0.0762	0.5590
drug-02	0.5160	0.1383	0.2218	0.1151	0.5472
drug-03	0.6596	0.1135	0.1538	0.0143	0.4244
drug-04	0.5160	0.1383	0.1744	0.0827	0.5034
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2425	0.2728	0.5214
drug-07	0.4468	0.1844	0.1551	0.0531	0.3825
drug-08	0.5638	0.1246	0.1881	0.1317	0.3951
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.2252	0.1522	0.3661
drug-11	0.8511	0.0426	0.1317	0.0277	0.1222
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1812	0.2695	0.3638
drug-14	0.5745	0.1216	0.2311	0.2215	0.5522
drug-15	0.7553	0.0699	0.1480	0.0507	0.3446
drug-16	0.5957	0.1348	0.2904	0.3060	0.4122
drug-17	0.3564	0.1839	0.1606	0.1077	0.5360
drug-18	0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19	0.7553	0.0699	0.1229	-0.0198	0.2767
drybean	0.9331	0.0191	0.9442	0.9191	0.1121
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.2509	0.0019	0.8335
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.7283	0.2717	0.7238	0.4428	0.7744
eeg10%	0.3807	0.0774	0.4291	0.3145	0.6123
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6301	0.1479	0.5924	0.5233	0.4390
euthyroid	0.9715	0.0285	0.9153	0.8266	0.2470

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
exon.vs.intron-freq10%	0.9591	0.0409	0.9590	0.9180	0.2299
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.0976	0.1062	0.0891	0.0422	0.7377
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.3500	0.1857	0.2500	0.1558	0.4177
forest	0.8846	0.0577	0.8582	0.8402	0.1644
gas	0.9856	0.0048	0.9862	0.9826	0.0355
gastrointestinal	0.8750	0.0833	0.9107	0.8049	0.1750
gender	0.6000	0.2667	0.3798	0.1433	0.5124
gene	0.9022	0.0652	0.8914	0.8437	0.2736
german	0.7400	0.2600	0.6980	0.3612	0.7202
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.8012	0.1988	0.8012	0.6023	0.6620
glass	0.7619	0.0794	0.8039	0.6828	0.2650
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP	0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM	0.8421	0.1579	0.8427	0.6816	0.5635
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.9048	0.0952	0.9033	0.8057	0.4235
green	0.4000	0.6000	0.3902	-0.2000	0.9308
grub-damage	0.3333	0.3333	0.2895	0.0854	0.5722
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
har	0.2844	0.2862	0.0886	0.0000	0.3861
har701%	0.8920	0.0308	0.5274	0.8411	0.1288
har7010%	0.8893	0.0316	0.5241	0.8364	0.1357
harth1%	0.8352	0.0275	0.4290	0.7734	0.1731
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8409	0.1591	0.8410	0.6816	0.5795
hERG-121inputs	0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.7036	0.2964	0.7020	0.3996	0.8076
higgs1%	0.6735	0.3265	0.6713	0.3373	0.8434
higher	0.2857	0.1786	0.1562	0.1515	0.3505
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8921	0.1079	0.7992	0.5959	0.5699
hiva	0.9031	0.0969	0.5475	0.0834	0.5208
horse	0.6667	0.2222	0.6281	0.4106	0.5839

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.7086	0.1943	0.7126	0.5627	0.5033
htru2	0.9799	0.0201	0.9374	0.8729	0.2054
hypothyroid	0.9841	0.0080	0.7145	0.9052	0.1615
hypothyroidT	0.9788	0.0212	0.9211	0.8289	0.0734
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.6667	0.3333	0.5950	0.1818	0.8134
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9800	0.9592	0.1023
jm1	0.8209	0.1791	0.6455	0.1720	0.5323
jvowels	0.9769	0.0051	0.9760	0.9738	0.0389
kc1	0.8531	0.1469	0.6523	0.2484	0.6183
kc1-class-level-defectiveornot	0.6000	0.4000	0.5618	0.1176	0.9288
kc1-class-level-numericdefect	0.3077	0.2769	0.1231	0.0565	0.4823
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.6126	0.2248	0.8173
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.0020	0.1535	0.0003	0.0000	0.2182
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2870	0.0792	0.2485	0.1918	0.6017
krvskp	0.9655	0.0345	0.9657	0.9310	0.1983
la1s-wc	0.6127	0.1291	0.5912	0.5212	0.5254
la2s-wc	0.2517	0.2494	0.0670	0.0000	0.3690
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0230	0.7486	0.7231	0.0741
led24	0.4500	0.1100	0.3676	0.3820	0.2113
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8995	0.0077	0.9000	0.8954	0.1147
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.0000	1.0000	0.0000	-0.9600	0.9852
libra	0.3889	0.0815	0.3800	0.3449	0.2840
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0001
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9368	0.0632	0.9332	0.8662	0.3295
localization	0.5181	0.0876	0.2832	0.3560	0.4663
localization10%	0.5127	0.0886	0.2959	0.3479	0.4441
lrs	0.6226	0.1078	0.3976	0.4711	0.3474
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.2500	0.3000	0.1818	0.0400	0.4355
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.6562	0.6348	0.1754
lymphoma2	0.2222	0.2593	0.2273	0.0870	0.3351
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5577	0.4423	0.5579	0.1154	0.9612
magic04	0.8443	0.1557	0.8256	0.6468	0.5766
malware	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6238	0.2508	0.6227	0.4195	0.5464
math	0.8000	0.1000	0.7493	0.6938	0.3541
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7819	0.6667	0.2396
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.7391	0.2609	0.7335	0.4668	0.7701
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	0.8889	0.0741	0.8889	0.8302	0.1290
meter-C	0.8333	0.0833	0.6637	0.7621	0.1359
meter-D	0.8333	0.0833	0.8451	0.7682	0.1516
mfeat-fac	0.9700	0.0060	0.9711	0.9667	0.0353
mfeat-fou	0.8000	0.0400	0.8043	0.7778	0.1787
mfeat-kar	0.9650	0.0070	0.9655	0.9611	0.0445
mfeat-mor	0.7100	0.0580	0.7118	0.6778	0.2030
mfeat-pix	0.9150	0.0170	0.9174	0.9056	0.0970
mfeat-zer	0.7900	0.0420	0.7999	0.7667	0.1355
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5428	0.4481	0.3990
mobile	0.6154	0.0137	0.6321	0.6084	0.1706
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9833	0.0167	0.9677	0.9333	0.0652
MUT_ci300400a_cdk_ECFP2	0.7446	0.2554	0.7352	0.4694	0.7633
MUT_ci300400a_cdk_ECFP4	0.7341	0.2659	0.7277	0.4553	0.7783
MUT_ci300400a_cdk_ECFP6	0.6982	0.3018	0.6859	0.3700	0.8276
MUT_ci300400a_cdk_ESTATE	0.7086	0.2914	0.6989	0.3977	0.8153
MUT_ci300400a_cdk_EXTENDED	0.7818	0.2182	0.7756	0.5513	0.7037
MUT_ci300400a_cdk_FCFP2	0.7174	0.2826	0.7061	0.4109	0.8026
MUT_ci300400a_cdk_FCFP4	0.7182	0.2818	0.7066	0.4112	0.8002
MUT_ci300400a_cdk_FCFP6	0.7374	0.2626	0.7273	0.4531	0.7734
MUT_ci300400a_cdk_MACCS	0.7434	0.2566	0.7326	0.4618	0.7600
MUT_ci300400a_cdk_PUBCHEM	0.7988	0.2012	0.7913	0.5806	0.6677
MUT_ci300400a_cdk_STANDARD	0.7796	0.2204	0.7739	0.5478	0.7071
MUT_ci300400a_rdkit_descriptors	0.8058	0.1942	0.8004	0.6003	0.6568
myocardial	0.8529	0.0368	0.2087	0.1719	0.1183
naticusdroid	0.9512	0.0488	0.9513	0.9025	0.2597
NCI60	0.5000	0.1667	0.3793	0.4000	0.1784
nci9	0.1667	0.2778	0.0833	0.0000	0.3074
ncRNA1%	0.8880	0.0118	0.3749	0.6709	0.4992
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6645	0.3355	0.6619	0.3231	0.8640
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9527	0.0473	0.9419	0.8839	0.2867
NPHA-doctor-visits	0.4861	0.3426	0.2815	-0.0382	0.6639
nursery	0.9329	0.0336	0.8991	0.9014	0.1395
obesity	0.1659	0.2383	0.0406	0.0000	0.3993
obs	0.8981	0.0509	0.9259	0.8470	0.1467
occupancy	0.8196	0.1804	0.7341	0.4658	0.7002

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
Occupancy_Estimation	0.9941	0.0030	0.9789	0.9820	0.0350
oh0-wc	0.3564	0.1287	0.3108	0.2589	0.6426
oh10-wc	0.3524	0.1295	0.3036	0.2656	0.5651
oh15-wc	0.1957	0.1609	0.1679	0.0998	0.6444
oh5-wc	0.2308	0.1538	0.2310	0.1395	0.6635
olive	0.9474	0.0117	0.9141	0.9348	0.0376
opn310k10%	0.9152	0.0848	0.6470	0.1989	0.4745
optdigits	0.9680	0.0064	0.9693	0.9644	0.0468
optdigitsZ	0.9929	0.0071	0.9780	0.9561	0.1305
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9684	0.0316	0.6987	0.3213	0.3858
ozone8hr	0.9091	0.0909	0.6109	0.2123	0.6617
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7113	0.2887	0.6994	0.3927	0.7948
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7540	0.2460	0.7533	0.5064	0.7443
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.8864	0.8355	0.2302
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.9117	0.0883	0.8904	0.7808	0.4414
particle10%	0.9223	0.0777	0.9048	0.8094	0.4115
pasture	0.7500	0.1667	0.5714	0.6000	0.1321
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.5658	0.4342	0.5156	0.0294	0.8633
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.9818	0.0036	0.9819	0.9798	0.0314
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.9508	0.0061	0.9508	0.9476	0.0835
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.7588	0.0689	0.7393	0.7178	0.2467
phone-acc1%	0.7664	0.0667	0.7470	0.7268	0.2341
phone-gyr0.1%	0.7861	0.0611	0.7693	0.7495	0.2275
phone-gyr1%	0.7887	0.0604	0.7739	0.7526	0.2237
phoneme	0.8056	0.1944	0.7532	0.5046	0.6985
phy	0.6982	0.3018	0.6982	0.3964	0.8234
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9967	0.0022	0.9943	0.9897	0.0321
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.7889	0.5778	0.6844
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9388	0.0612	0.5277	0.0542	0.6363
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9457	0.0543	0.5568	0.0771	0.5469
polish-4th	0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th	0.8816	0.1184	0.6811	0.3371	0.6183
polya	0.7957	0.2043	0.7732	0.5441	0.6868
popularity	0.6744	0.2171	0.4501	0.2399	0.4988
post-operative	0.4444	0.3704	0.2051	-0.1538	0.2170

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
postures	0.9762	0.0095	0.9761	0.9702	0.0600
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7215	0.4412	0.7888
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5152	0.0746	0.4258	0.4562	0.2673
profb	0.7910	0.2090	0.7511	0.4777	0.6529
promoters	0.6000	0.4000	0.5833	0.1667	0.9308
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.9494	0.0202	0.9185	0.9319	0.1085
puc-rio10%	0.9541	0.0183	0.9184	0.9384	0.0927
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.5733	0.0656	0.3207	0.4287	0.4270
re1-wc	0.4157	0.0467	0.1407	0.3196	0.4508
rejafada	0.9598	0.0402	0.4897	-0.0089	0.4791
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6067	0.3933	0.5739	0.1405	0.9189
RT_IOT2022	0.9905	0.0016	0.9298	0.9761	0.0103
satimage	0.9082	0.0306	0.8939	0.8868	0.1570
satimageF	0.9891	0.0109	0.9721	0.9442	0.1683
satimageT	0.9409	0.0591	0.8168	0.6111	0.3968
scadi	0.7143	0.1143	0.4800	0.6111	0.1006
schiller	0.6667	0.3333	0.7404	0.3721	0.5239
schizo	0.5588	0.4412	0.5648	0.1176	0.9174
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8269	0.1731	0.5905	0.1508	0.5619
secondary_mushroom	0.8027	0.1973	0.7997	0.5989	0.6607
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9567	0.0124	0.9612	0.9494	0.0608
segmentation	0.8317	0.1683	0.8166	0.6331	0.6212
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9380	0.0620	0.6847	0.1046	0.1594
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram	0.8661	0.1339	0.5947	0.0793	0.4875
sens-2-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-3-gram	0.8553	0.1447	0.5678	0.0991	0.6711
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8447	0.1553	0.5679	0.1187	0.7302
sens-9-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8929	0.1071	0.7673	0.5090	0.5275
shuttle	0.9955	0.0013	0.7234	0.9874	0.1390
sick	0.9682	0.0318	0.8573	0.6981	0.2956
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9465	0.0535	0.9197	0.8392	0.3615
skin10%	0.9391	0.0609	0.9077	0.8153	0.3861
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1633	-0.1182	0.8480
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7554	0.0815	0.6867	0.6849	0.1876
sonar	0.5000	0.5000	0.5000	0.0000	0.9713
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8500	0.1500	0.8421	0.6768	0.5384
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.9429	0.0571	0.9304	0.8511	0.1808
spectrometer	0.3077	0.0513	0.2428	0.2733	0.2158
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles	0.8300	0.1700	0.8142	0.6205	0.5925
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	0.6000	0.2667	0.4706	0.2857	0.2642
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8205	0.1197	0.7844	0.7089	0.3554
steel-b	0.8359	0.1641	0.7363	0.4678	0.6776
steel-d	0.9897	0.0103	0.9069	0.7950	0.0398
steel-k	0.9949	0.0051	0.9921	0.9841	0.0266
steel-o	0.8000	0.2000	0.7722	0.5291	0.6469
steel-p	0.9436	0.0564	0.8075	0.6146	0.5232
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8750	0.1250	0.7826	0.5645	0.6152
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.5520	0.4480	0.3557	0.0000	0.5174
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6400	0.1440	0.3617	0.4048	0.3919
student-depression	0.8387	0.1613	0.8327	0.6643	0.5874
student-habits	0.4200	0.2320	0.1932	0.0791	0.4622
student-weekend	0.4000	0.2400	0.2858	0.1691	0.5885
student-workday	0.7031	0.1187	0.2457	0.2352	0.4709
studentap	0.3846	0.4103	0.3713	0.0545	0.8060
susy1%	0.8054	0.1946	0.8044	0.6039	0.6398
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	1.0000	0.0000	1.0000	1.0000	0.0000
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9074	0.8131	0.4145
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis10%	0.8209	0.1791	0.7588	0.5176	0.6891
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.7647	0.2353	0.7684	0.5211	0.6923
toxicity-13f	0.5882	0.4118	0.4903	-0.0171	0.9466
trains	0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion	0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3333	0.2222	0.2814	0.1680	0.6556
trec41-wc	0.1932	0.1614	0.1376	0.0657	0.5509

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec45-wc	0.2319	0.1536	0.0395	0.0044	0.3666
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.7500	0.1250	0.7574	0.6667	0.3238
tvnews1%	0.9385	0.0615	0.9347	0.8690	0.3256
tvnews10%	0.9052	0.0948	0.8974	0.7944	0.4264
ur3_cobotops_grip	0.9687	0.0313	0.6812	0.0776	0.0951
ur3_cobotops_stop	0.9660	0.0340	0.6856	0.3106	0.4363
urban	0.4030	0.1327	0.2984	0.3023	0.4790
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7738	0.1131	0.7718	0.6994	0.2242
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5758	0.0771	0.6145	0.5333	0.2280
vowelZ	0.9495	0.0505	0.8400	0.6784	0.4613
wap-wc	0.2500	0.0750	0.2051	0.1961	0.5021
warpar10p	0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.7546	0.0701	0.7472	0.7128	0.2760
watch-gyr1%	0.7611	0.0683	0.7548	0.7209	0.2623
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8400	0.1067	0.8401	0.7600	0.3703
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8000	0.1333	0.6333	0.6379	0.5164
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9876	0.0124	0.9444	0.8824	0.3522
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5912	0.1363	0.2834	0.3319	0.4421
winequality-white	0.5440	0.1520	0.3378	0.2803	0.5233
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5946	0.0811	0.3757	0.4737	0.3056
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 301: Detailed results for GBU-TSVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1060	0.0851	0.0458	0.0290	0.5472
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.8904	0.1096	0.4710	-0.0580	0.6481
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.8000	0.2000	0.8062	0.6000	0.6236
ads	0.9451	0.0549	0.8825	0.7638	0.4007
adult	0.8370	0.1630	0.7567	0.5020	0.6392
advanced-iot	0.8250	0.0583	0.8439	0.7900	0.1435
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.8968	0.1032	0.5570	0.0910	0.6571
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.6979	0.2188	0.4125
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7606	0.2394	0.5910	0.0824	0.6024
air_pollution	0.3733	0.1790	0.1221	0.0022	0.6468
air-booking	0.7634	0.2366	0.5162	0.0322	0.8054
alcohol	0.6571	0.1371	0.2839	0.1498	0.4507
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6977	0.3023	0.6527	0.2031	0.6399
anneal	0.7865	0.0854	0.4424	0.4874	0.3357
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.5313	0.2344	0.4178	0.3134	0.4151
anuran-genus	0.6036	0.0991	0.1957	0.2547	0.4313
anuran-species	0.1708	0.1658	0.1566	0.0611	0.5020
anxiety	0.0500	0.2111	0.0562	-0.0655	0.8247
apple-quality	0.7250	0.2750	0.7256	0.4500	0.7842
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6000	0.4000	0.6021	0.2000	0.9053

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.6000	0.0800	0.1850	0.2264	0.3095
auction	0.8186	0.1814	0.5225	0.0431	0.7784
audiology	0.5455	0.0826	0.3728	0.4344	0.2469
audit-risk	0.8718	0.1282	0.8681	0.7352	0.5168
autism-adolescent	0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult	0.5857	0.4143	0.5605	0.1135	0.8578
autism-child	0.6897	0.3103	0.6913	0.3741	0.8142
autos	0.6500	0.1400	0.6209	0.5484	0.3153
avila	0.2980	0.1170	0.1542	0.1446	0.4721
babies	0.4113	0.1682	0.1927	0.1483	0.5575
balance	0.8871	0.0753	0.6113	0.7879	0.2115
bank	0.4814	0.5186	0.5065	0.0071	0.5111
banknote	0.9781	0.0219	0.9779	0.9557	0.1446
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6475	0.3525	0.5794	0.0456	0.6032
basehock	0.8040	0.1960	0.8060	0.6082	0.6446
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.7810	0.2190	0.7690	0.5378	0.7110
biomed	0.6667	0.3333	0.6240	0.1967	0.7731
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.4687	0.2657	0.4566	0.2915	0.5814
brain-tumor	0.4865	0.5135	0.4865	-0.0265	1.0000
breast-cancer	0.5357	0.4643	0.3488	-0.2817	0.9816
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.6364	0.3636	0.6553	0.2903	0.8322
breast-tissue	0.3636	0.2121	0.3526	0.2451	0.3040
bridges	0.5000	0.1667	0.2143	0.2424	0.2914
bub10at310k-hg16-17	0.9075	0.0925	0.5712	0.0393	0.3952
bub12at310k-hg16-17	0.9075	0.0925	0.5794	0.0546	0.4204
bub8at310k-hg16-17	0.9082	0.0918	0.5714	0.0275	0.3478
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.3768	0.6232	0.5904	0.0313	0.5111
cancer-uae	0.4150	0.3900	0.3075	-0.0123	0.5644
car	0.6897	0.1552	0.3407	0.3685	0.3364
car-insurance	0.6570	0.3430	0.7111	0.3591	0.6754
card	0.7101	0.2899	0.6981	0.3756	0.7707
cardiotocography	0.3099	0.1380	0.1748	0.1816	0.5324
cardiotocography-nsp	0.7136	0.1909	0.5576	0.3488	0.6336
cargo2k	0.9975	0.0017	0.9974	0.9962	0.0099
cars	0.6500	0.2333	0.5787	0.4105	0.6089
cas_N6512_cdk_ECFP2	0.5822	0.4178	0.5759	0.1506	0.9433
cas_N6512_rdkit_ATOMPAIR	0.5400	0.4600	0.5318	0.0627	0.9743
cas_N6512_RDkit_AtomPair_FP	0.5460	0.4540	0.5378	0.0744	0.9695
cas_N6512_rdkit_AVALON	0.5469	0.4531	0.5497	0.0984	0.9620
cas_N6512_RDkit_Avalon_FP	0.5997	0.4003	0.6015	0.2016	0.9226
cas_N6512_rdkit_descriptors	0.6738	0.3262	0.6738	0.3469	0.8512
cas_N6512_rdkit_FEATMORGAN	0.6037	0.3963	0.6005	0.2009	0.9264
cas_N6512_RDkit_Featmorgan_FP	0.6120	0.3880	0.6087	0.2173	0.9190
cas_N6512_RDkit_FP	0.5813	0.4187	0.5830	0.1649	0.9383
cas_N6512_rdkit_LAYERED	0.5723	0.4277	0.5690	0.1379	0.9524
cas_N6512_RDkit_Layered_FP	0.5890	0.4110	0.5889	0.1773	0.9355
cas_N6512_rdkit_MACCS	0.7389	0.2611	0.7364	0.4709	0.7645
cas_N6512_RDkit_MACCS_FP	0.7147	0.2853	0.7140	0.4277	0.8012
cas_N6512_rdkit_MORGAN	0.4985	0.5015	0.4916	-0.0168	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.5644	0.4356	0.5638	0.1274	0.9557
cas_N6512_rdkit_PATTERN	0.5831	0.4169	0.5822	0.1642	0.9416
cas_N6512_RDkit_pattern_FP	0.5706	0.4294	0.5742	0.1465	0.9425
cas_N6512_rdkit_RDKITFP	0.5684	0.4316	0.5747	0.1459	0.9372
cas_N6512_rdkit_TORSION	0.6077	0.3923	0.6012	0.1913	0.8982
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7098	0.2902	0.6843	0.3685	0.8213
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.8444	0.1556	0.6212	0.1744	0.4640
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9483	0.0517	0.4867	-0.0056	0.3691
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9249	0.0751	0.6418	0.2774	0.6369
census10%	0.9375	0.0625	0.6286	0.2113	0.5493
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9186	0.0814	0.7090	0.2058	0.1950
children-anemia	0.5586	0.2207	0.3923	0.3320	0.4716
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.6330	0.3670	0.4997	-0.0005	0.8433
churn-bigml	0.8390	0.1610	0.4562	-0.0279	0.6090
ci900367j_MACCS	0.4947	0.5053	0.4746	-0.0507	0.9874
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.6429	0.2381	0.4382	0.3107	0.6249
cjs	0.3393	0.2202	0.4273	0.2257	0.5526
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.5046	0.2477	0.3935	0.2728	0.4892
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7616	0.5102	0.3281
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4762	0.3492	0.4627	0.1931	0.7675
cnae-9	0.4722	0.1173	0.5099	0.4062	0.4356
codon_usage	0.2356	0.1390	0.1610	0.1240	0.5124
coil20	0.6806	0.0319	0.7058	0.6639	0.1610
college	0.7532	0.2468	0.7234	0.4367	0.7438
collins	0.2000	0.1067	0.1899	0.1115	0.4542
colon-tumor	0.6667	0.3333	0.6250	0.2500	0.8750
colposcopies-1	0.5172	0.4828	0.4658	-0.0684	0.9797
colposcopies-2	0.5862	0.4138	0.5288	0.0543	0.9466
colposcopies-3	0.4828	0.5172	0.4602	-0.0794	1.0000
colposcopies-4	0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.4828	0.5172	0.4690	-0.0533	0.9760
colposcopies-c	0.6552	0.3448	0.6518	0.2714	0.7523
column-2c	0.5806	0.4194	0.7037	0.2842	0.5294
column-3c	0.7419	0.1720	0.6988	0.5880	0.3093
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.5841	0.4159	0.5873	0.1700	0.9273
coupon	0.4487	0.5513	0.4622	-0.0710	0.9902
covtype10%	0.6465	0.1010	0.2718	0.4224	0.3747

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.8807	0.1193	0.7917	0.5696	0.6160
covtypeT	0.9400	0.0600	0.7373	0.4637	0.5471
crabs	0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.2866	0.2378	0.2299	0.0862	0.3899
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1733	0.2756	0.1738	0.0081	0.8858
cyclopentane	0.5185	0.4815	0.5250	0.0488	0.9705
cylinder-bands	0.7407	0.2593	0.7489	0.4316	0.5904
darwin	0.7778	0.2222	0.7778	0.5556	0.7044
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7337	0.2663	0.5550	0.1040	0.8470
defect	0.8426	0.1574	0.6562	0.0319	0.3038
dementia	0.8200	0.1800	0.8409	0.6341	0.4073
deposit	0.6791	0.3209	0.5687	0.1084	0.6232
depressed	0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology	0.7297	0.0901	0.7897	0.6708	0.1616
desharnais	0.5000	0.3333	0.2222	-0.1429	0.5379
dexter	0.6667	0.3333	0.6769	0.3333	0.8084
df_final	0.6875	0.2083	0.7120	0.5122	0.4533
DIA	0.6833	0.3167	0.5000	0.0000	0.8943
diabetes	0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-100k	0.8844	0.1156	0.5670	0.1296	0.7045
diabetes-risk	0.8467	0.1533	0.7540	0.5049	0.6574
diabetic1%	0.4510	0.3660	0.2733	-0.0802	0.5880
diabetic10%	0.4528	0.3648	0.3244	-0.0101	0.8035
diagnosis	0.9167	0.0833	0.9226	0.8333	0.3145
diamonds	0.8167	0.0917	0.7153	0.7432	0.2656
diamonds_all	0.5812	0.1675	0.3846	0.3957	0.5079
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	0.4000	0.6000	0.4167	-0.1538	0.9932
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dota2	0.4073	0.5927	0.4105	-0.1614	1.0000
dota210%	0.4621	0.5379	0.4610	-0.0780	1.0000
drebin	0.7157	0.2843	0.6853	0.3558	0.7893
dropout	0.6072	0.2619	0.5094	0.2879	0.5870
drug-01	0.3617	0.1824	0.1534	-0.0159	0.4811
drug-02	0.5160	0.1383	0.2029	0.0957	0.4817
drug-03	0.6436	0.1188	0.1588	-0.0246	0.4036
drug-04	0.5053	0.1413	0.1278	0.0140	0.5301
drug-05	0.7340	0.0760	0.1213	0.0117	0.1769
drug-06	0.3511	0.1854	0.1681	0.1738	0.6162
drug-07	0.4149	0.1950	0.1585	0.0479	0.4719
drug-08	0.5319	0.1337	0.1414	0.0268	0.4613
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1654	0.0974	0.4756
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7766	0.0745	0.1457	-0.0203	0.3474
drug-13	0.5904	0.1170	0.2244	0.1867	0.3433

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-14	0.5479	0.1292	0.1743	0.0794	0.5140
drug-15	0.7500	0.0714	0.1633	0.0163	0.3484
drug-16	0.5745	0.1418	0.3206	0.2176	0.4062
drug-17	0.3351	0.1900	0.2456	0.0707	0.5766
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1956	0.0598	0.2752
drybean	0.5202	0.1371	0.4712	0.4203	0.4166
ecoli	0.3529	0.2157	0.2903	0.1816	0.4435
ecoliCP-IM	0.8636	0.1364	0.8504	0.6972	0.5265
ecoliM	0.6667	0.3333	0.5262	0.0522	0.8916
ecoliMU	0.6667	0.3333	0.6965	0.2390	0.4064
ecoliOM	0.6364	0.3636	0.6689	0.1610	0.3113
ecommerce	0.2700	0.3650	0.2765	0.0294	0.8227
eeg	0.2395	0.0951	0.1439	0.1544	0.6225
eeg-eye	0.6182	0.3818	0.6082	0.2107	0.9043
eeg10%	0.1726	0.1034	0.1007	0.0820	0.6822
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.3425	0.2630	0.3180	0.1439	0.7021
euthyroid	0.8703	0.1297	0.7624	0.4825	0.6022
exon.vs.intron-freq	0.6414	0.3586	0.6610	0.2582	0.7326
exon.vs.intron-freq10%	0.6868	0.3132	0.6906	0.3611	0.7901
fakenews	0.5125	0.4875	0.5127	0.0253	0.9923
fbis-wc	0.4268	0.0674	0.1816	0.3334	0.4530
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8627	0.1373	0.8624	0.7196	0.5076
financial-risk	0.6640	0.1120	0.4129	0.3843	0.2446
fishcatch	0.5000	0.1667	0.5778	0.4128	0.2875
flags	0.4000	0.1714	0.1972	0.2053	0.4093
fonts10%	0.2098	0.0103	0.0083	0.1237	0.3534
forest	0.4615	0.2692	0.4960	0.2735	0.5601
gas	0.3623	0.2126	0.3439	0.2189	0.7112
gastrointestinal	0.6250	0.2500	0.6510	0.3766	0.4453
gender	0.6021	0.2653	0.4072	0.1481	0.6020
gene	0.4637	0.3575	0.5652	0.2408	0.5326
german	0.6900	0.3100	0.6463	0.1576	0.5846
gestures	0.4820	0.2590	0.4875	0.3096	0.6845
gina	0.5793	0.4207	0.5787	0.1556	0.9414
gisette	0.7471	0.2529	0.7476	0.4943	0.7519
glass	0.3810	0.2063	0.3231	0.1677	0.4538
glass-g2	0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP	0.7143	0.2857	0.7151	0.4220	0.7810
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.7619	0.2381	0.6044	0.1732	0.7587
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6316	0.3684	0.6315	0.2486	0.8662
gli_85	0.8750	0.1250	0.8298	0.6000	0.2846
glioma	0.6000	0.2667	0.5000	0.3750	0.3000
glioma-grade	0.8452	0.1548	0.8546	0.6929	0.5191
green	0.6000	0.4000	0.3750	-0.1765	0.9528
grub-damage	0.2667	0.3667	0.3232	0.0120	0.6649
gsalc	0.2222	0.2593	0.1786	0.0870	0.3096
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.1427	0.1429	0.0784	-0.0199	0.6115
har	0.3629	0.2548	0.3603	0.2035	0.7435
har701%	0.4115	0.1681	0.2126	0.1150	0.4924
har7010%	0.3110	0.1968	0.1404	-0.0585	0.5727

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth1%	0.3681	0.1053	0.1912	0.2390	0.3765
hayes-roth	0.5000	0.3333	0.5204	0.2242	0.6194
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.6296	0.3704	0.6619	0.2932	0.8010
heart-attack	0.5806	0.4194	0.5861	0.1691	0.9289
heart-c	0.5333	0.4667	0.5273	0.0541	0.9794
heart-failure	0.7900	0.2100	0.7817	0.5506	0.6727
heart-quantum	0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis	0.7333	0.2667	0.5833	0.1667	0.8271
hepmass1%	0.3495	0.6505	0.3151	-0.2949	1.0000
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.6372	0.2642	0.7875
higgs0.1%	0.3955	0.6045	0.3992	-0.1958	1.0000
higher	0.0714	0.2321	0.0500	-0.0833	0.4393
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.5938	0.4062	0.5890	0.1746	0.9283
hiv1-proteasa	0.8263	0.1737	0.5971	0.1378	0.6595
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.4567	0.1680	0.4971
hotel-reservartions	0.7952	0.2048	0.7663	0.5325	0.7016
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.4789	0.3474	0.4919	0.2296	0.7108
ht-sensor10%	0.4375	0.3750	0.4616	0.1742	0.7175
htru2	0.8670	0.1330	0.7068	0.3914	0.6408
hypothyroid	0.9072	0.0464	0.2382	0.0197	0.1718
hypothyroidT	0.8594	0.1406	0.5275	0.0549	0.6886
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.5727	0.2137	0.5978	0.4302	0.4235
ionosphere	0.6286	0.3714	0.5584	0.1165	0.9174
iris	0.6000	0.2667	0.6852	0.4268	0.4230
irish	0.9200	0.0800	0.9258	0.8408	0.2987
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.7998	0.2002	0.5940	0.1475	0.7189
jvowels	0.4207	0.1287	0.4294	0.3512	0.5387
kc1	0.8152	0.1848	0.5503	0.0850	0.7606
kc1-class-level-defectiveornot	0.5333	0.4667	0.5556	0.1026	0.9159
kc1-class-level-numericdefect	0.6154	0.1538	0.2878	0.2935	0.2324
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7308	0.2692	0.5363	0.0691	0.8541
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9894	0.0011	0.1487	0.9818	0.0110
kddcup991%	0.9223	0.0120	0.2081	0.8675	0.0551
kddcup9910%	0.9337	0.0070	0.1437	0.8873	0.0553
kepler	0.7040	0.1973	0.6370	0.4770	0.4938
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.5750	0.4250	0.5282	0.0556	0.9589
krkopt	0.0980	0.1002	0.0370	0.0007	0.5908
krvskp	0.9467	0.0533	0.9488	0.8937	0.2426
la1s-wc	0.6508	0.1164	0.6252	0.5568	0.4544
la2s-wc	0.7417	0.0861	0.7078	0.6771	0.3867
labor	0.5000	0.5000	0.3333	-0.2857	1.0000
leaf	0.1471	0.0742	0.0992	0.1133	0.2882
led24	0.2000	0.1778	0.0899	0.0805	0.4054
lenses	0.3333	0.4444	0.2222	0.0000	0.3451

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
letter	0.0405	0.0738	0.0059	0.0016	0.4466
leukemia	0.4286	0.3810	0.3889	0.1250	0.6182
leukemia2	0.7143	0.2857	0.7083	0.4167	0.8058
libra	0.2500	0.1000	0.2482	0.2000	0.3366
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.6471	0.3529	0.5351	0.0599	0.8908
loan	0.9016	0.0984	0.8950	0.7848	0.4012
localization10%	0.2737	0.1321	0.1082	0.0453	0.5522
lrs	0.3774	0.1779	0.1440	0.1086	0.4646
lung	0.6190	0.1524	0.1576	0.0175	0.3957
lung_discrete	0.5000	0.2000	0.5238	0.3469	0.3375
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.7500	0.1000	0.3686	0.3590	0.3072
lung-cancer-harvard2	0.8889	0.1111	0.7805	0.4545	0.2500
lung-cancer-michigan	0.7778	0.2222	0.4375	-0.1250	0.7500
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.3571	0.4286	0.2541	-0.1667	0.5564
lymphoma2	0.3333	0.2222	0.1786	0.1000	0.3784
machine-failure	0.8404	0.1596	0.8407	0.6773	0.5770
madelon	0.4846	0.5154	0.4846	-0.0308	1.0000
magic04	0.7528	0.2472	0.7170	0.4236	0.7494
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8327	0.6654	0.5984
marketing	0.8571	0.1429	0.6305	0.1867	0.5891
maternal	0.6238	0.2508	0.6202	0.4150	0.5246
math	0.4500	0.2750	0.4550	0.2164	0.6608
mba	0.8000	0.1333	0.3891	0.1613	0.4104
mental-disorders	0.5833	0.2083	0.6204	0.4444	0.3502
mental-health	0.1900	0.3240	0.1921	-0.0128	0.8715
messidor	0.6870	0.3130	0.6943	0.3802	0.8116
meter-A	0.3750	0.6250	0.3708	-0.2500	1.0000
meter-B	0.8889	0.0741	0.9167	0.8302	0.1560
meter-C	0.7778	0.1111	0.6357	0.6842	0.2346
meter-D	0.3333	0.3333	0.1997	0.0609	0.4345
mfeat-fac	0.3000	0.1400	0.3073	0.2222	0.5748
mfeat-fou	0.1500	0.1700	0.1939	0.0556	0.6226
mfeat-kar	0.1600	0.1680	0.1764	0.0667	0.7150
mfeat-mor	0.4950	0.1010	0.5040	0.4389	0.3803
mfeat-pix	0.6300	0.0740	0.6561	0.5889	0.3463
mfeat-zer	0.1400	0.1720	0.1555	0.0444	0.6932
mice-prot	0.3519	0.1620	0.3581	0.2586	0.6395
milk	0.6226	0.2516	0.5580	0.4169	0.4651
mines	0.4118	0.2353	0.3729	0.2625	0.4739
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.6000	0.4000	0.5999	0.1997	0.9288
monks-2	0.4426	0.5574	0.3827	-0.2345	1.0000
monks-3	0.7500	0.2500	0.7535	0.5019	0.7350
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8389	0.1611	0.8568	0.6808	0.4388
music	0.2061	0.1443	0.1406	0.0748	0.5991
musk	0.8455	0.1545	0.5793	0.0264	0.4048
MUT_ci300400a_cdk_ECFP2	0.6367	0.3633	0.6165	0.2280	0.8940
MUT_ci300400a_cdk_ECFP4	0.5916	0.4084	0.5474	0.0644	0.8325
MUT_ci300400a_cdk_ECFP6	0.5856	0.4144	0.5376	0.0467	0.8197
MUT_ci300400a_cdk_ESTATE	0.6954	0.3046	0.6798	0.3454	0.8068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_EXTENDED	0.5899	0.4101	0.5470	0.0703	0.8625
MUT_ci300400a_cdk_FCFP2	0.7413	0.2587	0.7300	0.4549	0.7599
MUT_ci300400a_cdk_FCFP4	0.6067	0.3933	0.5821	0.1590	0.9219
MUT_ci300400a_cdk_FCFP6	0.6019	0.3981	0.5655	0.1047	0.8630
MUT_ci300400a_cdk_MACCS	0.6871	0.3130	0.6720	0.3395	0.8374
MUT_ci300400a_cdk_PUBCHEM	0.6551	0.3449	0.6436	0.2870	0.8792
MUT_ci300400a_cdk_STANDARD	0.6156	0.3844	0.5856	0.1233	0.8003
MUT_ci300400a_rdkit_descriptors	0.7155	0.2845	0.7052	0.4060	0.7980
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9349	0.0651	0.9350	0.8697	0.3196
NCI60	0.3333	0.2222	0.3333	0.2000	0.2759
nci9	0.3333	0.2222	0.2667	0.2000	0.2258
ncRNA1%	0.5983	0.0423	0.0694	0.2384	0.1865
ncRNA10%	0.8235	0.0186	0.0845	0.5054	0.2277
neo	0.5185	0.4815	0.3436	-0.1813	0.5139
new-thyroid	0.8095	0.1270	0.8227	0.6585	0.3777
new-thyroidT	0.6190	0.3810	0.6022	0.1515	0.6172
newspop	0.3887	0.6113	0.3928	-0.1958	1.0000
NHANES_age_prediction	0.6960	0.3040	0.7381	0.3593	0.5045
nomao	0.7786	0.2214	0.7690	0.5186	0.6791
NPHA-doctor-visits	0.5278	0.3148	0.3628	0.0940	0.6800
nursery	0.7546	0.1227	0.5844	0.6349	0.2947
obesity	0.3175	0.1950	0.2845	0.2023	0.6258
obs	0.6574	0.1713	0.6962	0.5078	0.4568
occupancy	0.4767	0.5233	0.6326	0.1596	0.5640
Occupancy_Estimation	0.8045	0.0977	0.6459	0.5037	0.5413
oh0-wc	0.5050	0.0990	0.3866	0.4172	0.3712
oh10-wc	0.3429	0.1314	0.2429	0.2474	0.4528
oh15-wc	0.4239	0.1152	0.3121	0.3185	0.3744
oh5-wc	0.5824	0.0835	0.5927	0.5243	0.3546
ohscal-wc	0.4561	0.1088	0.4300	0.3888	0.5988
olive	0.4211	0.1287	0.2603	0.2446	0.4765
opn310k	0.9088	0.0912	0.5778	0.0179	0.2954
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9084	0.0916	0.5746	0.0238	0.3253
optdigits	0.1263	0.1747	0.1354	0.0284	0.7067
optdigitsZ	0.9520	0.0480	0.8897	0.7582	0.4812
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer	0.6000	0.4000	0.4889	-0.0163	0.9041
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9091	0.0909	0.5639	0.1085	0.6531
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7010	0.2990	0.6456	0.2813	0.8331
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7937	0.2063	0.8031	0.5914	0.6286
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.8885	0.0446	0.2959	0.3954	0.2429
parkinson	0.6500	0.3500	0.6335	0.2664	0.8863
parkinsons	0.6066	0.3934	0.5219	0.0299	0.8570
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.8674	0.1326	0.8508	0.6934	0.5515
particle10%	0.8738	0.1262	0.8553	0.7049	0.5429
pasture	0.5000	0.3333	0.4444	0.3333	0.3302
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5412	0.4588	0.4598	-0.0517	0.9099
pcos	0.9767	0.0233	0.9662	0.9301	0.2305
pd	0.7895	0.2105	0.6854	0.3469	0.7167
pediatric-leukemia	0.6471	0.1008	0.5725	0.5673	0.2367

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pendigits	0.2384	0.1523	0.2784	0.1532	0.5617
period	0.7778	0.2222	0.7568	0.4000	0.4011
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.6501	0.3499	0.6028	0.1923	0.8757
personalities	0.0638	0.1170	0.0762	0.0015	0.5809
pet-adoption	0.6350	0.3650	0.7048	0.3355	0.6607
phishing	0.8531	0.1469	0.8489	0.6962	0.5614
PhiUSIIL	0.8245	0.1755	0.8234	0.6300	0.5595
PhiUSIIL10%	0.7226	0.2774	0.7264	0.4468	0.7736
phone-acc0.1%	0.2642	0.2102	0.2621	0.1358	0.5532
phone-acc1%	0.2612	0.2111	0.2751	0.1261	0.5054
phone-gyr0.1%	0.2426	0.2164	0.2205	0.1035	0.5765
phone-gyr1%	0.2999	0.2000	0.3183	0.1674	0.4103
phoneme	0.5519	0.4481	0.5160	0.0306	0.8971
phy	0.6212	0.3788	0.6240	0.2432	0.8961
pima	0.6842	0.3158	0.6575	0.2716	0.7650
pirvision	0.6068	0.2621	0.4691	0.1360	0.5681
placement	0.7710	0.2290	0.7708	0.5383	0.7101
plant-growth	0.5789	0.4211	0.5778	0.1556	0.9466
plrx	0.7778	0.2222	0.7143	0.2653	0.3876
poker1%	0.4478	0.1578	0.1387	0.0076	0.3557
poker10%	0.4914	0.1271	0.1200	0.0011	0.2775
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9449	0.0551	0.4858	-0.0039	0.3179
polish-5th	0.9205	0.0795	0.5730	0.1142	0.6090
polya	0.6605	0.3395	0.5893	0.1030	0.7143
popularity	0.6373	0.2418	0.3760	0.0877	0.4645
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.5118	0.1953	0.5034	0.3877	0.5198
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6195	0.2353	0.9023
prestige	0.6667	0.2222	0.4938	0.4375	0.3541
primary-tumor	0.1515	0.1305	0.0383	0.0263	0.4393
profb	0.6119	0.3881	0.3796	-0.1124	0.8830
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.5919	0.1632	0.5190	0.4485	0.5249
puc-rio10%	0.6246	0.1502	0.5798	0.5105	0.4750
pufs-1281%	0.4892	0.5108	0.4892	-0.0217	1.0000
pufs-641%	0.4908	0.5092	0.4908	-0.0183	1.0000
pulsar	0.4972	0.5028	0.6277	0.1178	0.3567
raisin	0.8778	0.1222	0.8801	0.7556	0.4709
re0-wc	0.5400	0.0708	0.1937	0.3621	0.3367
re1-wc	0.4518	0.0439	0.1220	0.3274	0.3374
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9789	0.0211	0.9791	0.9573	0.1091
rice	0.9566	0.0434	0.9576	0.9115	0.1794
rnaseq	0.7125	0.1150	0.7637	0.5940	0.2479
rocket	0.6197	0.3803	0.5956	0.1885	0.9154
RT_IOT2022	0.3358	0.1107	0.1844	0.1368	0.2377
satimage	0.1913	0.2696	0.2072	0.0452	0.7130
satimageF	0.9829	0.0171	0.9546	0.9066	0.1130
satimageT	0.7527	0.2473	0.5167	0.0301	0.6610
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.5000	0.0000	0.9694

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sclerosis	0.9259	0.0741	0.9309	0.8525	0.2846
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.7094	0.2907	0.7034	0.4004	0.7990
seeds	0.7143	0.1905	0.7143	0.5714	0.4011
segment	0.6797	0.0915	0.6959	0.6245	0.3198
segmentation	0.7129	0.2871	0.6725	0.3372	0.8139
segmentO	0.9307	0.0693	0.8775	0.7486	0.4888
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9560	0.0440	0.8897	0.7755	0.4515
sens-1-gram	0.8553	0.1447	0.5033	0.0029	0.6097
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8553	0.1447	0.5033	0.0029	0.6097
sens-4-gram	0.8553	0.1447	0.5273	0.0288	0.6297
sensorless	0.1265	0.1588	0.1574	0.0393	0.5846
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8143	0.1857	0.6241	0.2471	0.7609
shuttle	0.5593	0.1259	0.2478	0.2313	0.2955
sick	0.6446	0.3554	0.5641	0.0683	0.4085
sirtuin6	0.7000	0.3000	0.7041	0.4000	0.7994
skin	0.9318	0.0682	0.9038	0.8039	0.4286
skin10%	0.4800	0.5200	0.6554	0.1774	0.4789
smarket	0.9040	0.0960	0.9056	0.8074	0.3981
smart-farming	0.1400	0.4300	0.1293	-0.1510	0.8901
smk_can_187	0.4737	0.5263	0.4722	-0.0556	1.0000
soil_pollution	0.1633	0.3347	0.1643	-0.0464	0.8968
solar-flare	0.7050	0.0983	0.5185	0.6192	0.2555
sonar	0.4500	0.5500	0.4415	-0.1000	0.9904
soybean	0.1471	0.0898	0.0505	0.0336	0.4558
spam-detection	0.8110	0.1890	0.6821	0.3101	0.5973
spambase	0.8174	0.1826	0.8117	0.6224	0.6383
spect	0.7037	0.2963	0.4130	-0.1250	0.8833
spectf	0.5429	0.4571	0.5000	0.0000	0.9096
spectrometer	0.1538	0.0627	0.0585	0.0924	0.3386
splice-EI	0.4322	0.5678	0.6117	0.1211	0.5680
splice-IE	0.7855	0.2145	0.6564	0.1584	0.4940
sport-articles	0.6000	0.4000	0.5957	0.1873	0.9020
squash-stored	0.6000	0.2667	0.5714	0.3750	0.2113
squash-unstored	0.6000	0.4000	0.5833	0.1667	0.9308
startup	0.6774	0.3226	0.6194	0.1436	0.6730
steel_industry	0.6749	0.2167	0.6564	0.4967	0.5686
steel-b	0.6872	0.3128	0.6359	0.2521	0.7646
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.3744	0.6256	0.5393	0.0415	0.6019
steel-o	0.6410	0.3590	0.6215	0.2408	0.8798
steel-p	0.9333	0.0667	0.7355	0.2976	0.1694
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.8769	0.1231	0.6661	0.3316	0.6839
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.7621	0.1586	0.7760	0.6429	0.4151
streaming	0.7900	0.2100	0.7958	0.5829	0.6574
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6200	0.1520	0.3666	0.3544	0.3334
student-depression	0.3921	0.6079	0.4078	-0.1702	1.0000
student-habits	0.4200	0.2320	0.2295	0.0946	0.5122
student-weekend	0.3231	0.2708	0.1938	0.0501	0.8061
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.1538	0.5641	0.1111	-0.3241	0.9124
susy1%	0.7684	0.2316	0.7724	0.5225	0.6578

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
swarm_aligned	0.8955	0.1045	0.8804	0.7322	0.2701
swarm_flocking	0.9201	0.0799	0.9213	0.8401	0.3558
swarm_grouped	0.9455	0.0545	0.9421	0.8841	0.2967
tae	0.4667	0.3556	0.4714	0.2000	0.6833
telco-churn	0.7656	0.2344	0.6538	0.2159	0.6222
texture	0.1709	0.1507	0.1826	0.0867	0.6502
theorem	0.9100	0.0900	0.9138	0.8192	0.3708
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.7105	0.2895	0.6577	0.3148	0.8270
tic-tac-toe	0.3474	0.6526	0.5010	0.0003	0.5951
tis	0.6724	0.3276	0.5089	0.0171	0.9006
tis10%	0.7239	0.2761	0.5568	0.1002	0.8402
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.4800	0.6364	0.0881
tox_171	0.3529	0.3235	0.4188	0.1500	0.5786
toxicity	0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.6341	0.0813	0.5181	0.5262	0.2778
trec12-wc	0.4839	0.1290	0.3827	0.3149	0.2637
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.5714	0.1429	0.3266	0.3127	0.3469
trec31-wc	0.6559	0.1147	0.4704	0.5022	0.3004
trec41-wc	0.4659	0.1068	0.2950	0.3255	0.3567
trec45-wc	0.5072	0.0986	0.4198	0.4193	0.3608
tuandromd	0.6951	0.3049	0.7014	0.3427	0.6571
turkish	0.2000	0.4000	0.1726	-0.0667	0.7689
tvnews	0.5317	0.4683	0.5527	0.0970	0.9046
tvnews1%	0.6231	0.3769	0.5636	0.1185	0.9109
tvnews10%	0.6901	0.3099	0.6498	0.2223	0.6954
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.4030	0.1327	0.4670	0.3077	0.4780
urinalysis	0.9301	0.0699	0.4819	-0.0229	0.6125
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.4405	0.2798	0.4451	0.2658	0.6240
vehicleVAN	0.8810	0.1190	0.8607	0.7101	0.5293
voice	0.7500	0.2500	0.7044	0.4000	0.7643
vote	0.5581	0.4419	0.5754	0.1012	0.7954
vowel	0.2323	0.1396	0.1938	0.1556	0.4288
vowelZ	0.5657	0.4343	0.5716	0.0780	0.4511
vrnormat310k-hg16-17	0.9092	0.0908	0.6125	0.0036	0.2193
wap-wc	0.4487	0.0551	0.2393	0.3543	0.2928
warpar10p	0.2308	0.1538	0.2276	0.1613	0.2611
warppie10p	0.8095	0.0381	0.8330	0.7884	0.0916
watch-acc1%	0.2886	0.2033	0.2755	0.1641	0.5613
watch-gyr1%	0.2121	0.2251	0.2276	0.0782	0.5735
water_pollution	0.2700	0.3650	0.2701	0.0271	0.8462
waveform	0.3940	0.4040	0.4638	0.0983	0.6086
weather-related	0.8423	0.0287	0.8229	0.8210	0.1911
web-phishing	0.7704	0.1531	0.5471	0.5854	0.5270
Weekly	0.9444	0.0556	0.9454	0.8884	0.2752
weight-lift	0.4036	0.2386	0.4111	0.2571	0.7156
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.5500	0.2250	0.5725	0.4000	0.4955

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.8965	0.1035	0.7696	0.4372	0.5065
wine	0.7059	0.1961	0.8240	0.5619	0.2183
winequality-red	0.5346	0.1551	0.2623	0.2997	0.4189
winequality-white	0.3517	0.2161	0.1754	0.0537	0.5312
winnipeg	0.2838	0.2046	0.1990	0.0888	0.6366
winnipeg10%	0.2357	0.2184	0.1678	0.0370	0.6851
wisc_bc	0.5614	0.4386	0.5241	0.0481	0.9621
yale	0.3125	0.0917	0.2222	0.2667	0.1625
yeast	0.3919	0.1351	0.2018	0.2294	0.4340
yeastCYT-POX	0.5714	0.4286	0.5211	0.0134	0.2584
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.1161	0.1768	0.1380	0.0227	0.8268

Table 302: Detailed results for GBU-TSVM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1976	0.0764	0.1262	0.1099	0.5043
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9178	0.0822	0.6033	0.2065	0.6507
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.6000	0.4000	0.6000	0.2000	0.9288
ads	0.9390	0.0610	0.8785	0.7560	0.4626
adult	0.8372	0.1628	0.7581	0.5067	0.6428
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter	0.9206	0.0794	0.6957	0.1544	0.1910
AID_1878	0.8000	0.2000	0.4444	-0.0357	0.6563
AID_602330	0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.7500	0.2500	0.4286	-0.1408	0.8101
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.8641	0.1359	0.5299	0.0563	0.6050
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6000	0.4000	0.3750	-0.1765	0.9528
AID644red	0.7000	0.3000	0.6784	0.3478	0.8010
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7700	0.2300	0.6282	0.2061	0.7146
air_pollution	0.3933	0.1733	0.0809	-0.0136	0.4189
air-booking	0.7258	0.2742	0.5082	0.0162	0.7871
airline	0.3322	0.6678	0.3288	-0.3406	1.0000
alcohol	0.6857	0.1257	0.2062	0.0730	0.3295
all-aml	0.5000	0.5000	0.3333	-0.2857	1.0000
alzheimers	0.6372	0.3628	0.5418	0.0606	0.8443
anneal	0.5843	0.1663	0.6166	0.3529	0.4684
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.5313	0.2344	0.3705	0.2035	0.5495
anuran-genus	0.7441	0.0640	0.5646	0.5416	0.5420
anuran-species	0.8222	0.0356	0.6711	0.7515	0.3104
anxiety	0.0667	0.2074	0.0634	-0.0511	0.8344
apple-quality	0.7250	0.2750	0.7307	0.4500	0.7564
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia	0.6222	0.0756	0.4077	0.2441	0.2937
auction	0.8578	0.1422	0.5891	0.1520	0.6961
audit-risk	0.8846	0.1154	0.8803	0.7604	0.4853
autism-adolescent	0.6364	0.3636	0.6071	0.2143	0.9011
autism-adult	0.6429	0.3571	0.5981	0.1906	0.8525
autism-child	0.5517	0.4483	0.5601	0.1129	0.9342
autos	0.7500	0.1000	0.8000	0.6743	0.2540
avila	0.4116	0.0981	0.2248	0.1809	0.7483
babies	0.4355	0.1613	0.1406	0.1006	0.4014
balance	0.8871	0.0753	0.6114	0.7877	0.2090
bank	0.5390	0.4610	0.5134	0.0163	0.5402
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6544	0.3456	0.5846	0.0880	0.6968
basehock	0.6683	0.3317	0.6690	0.3369	0.8568
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.7429	0.2571	0.7317	0.4626	0.7677
biomed	0.6667	0.3333	0.6557	0.3099	0.8582
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6381	0.1810	0.6387	0.5174	0.5016
bookings	0.8008	0.1328	0.5568	0.6175	0.2528
brain-tumor	0.4875	0.5125	0.4876	-0.0244	1.0000
breast-cancer	0.6071	0.3929	0.5363	0.0723	0.9102
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.7273	0.2727	0.7243	0.4407	0.7677
breast-tissue	0.3636	0.2121	0.3030	0.2300	0.3199
bridges	0.5000	0.1667	0.3872	0.2857	0.3586
bub10at310k-hg16-17	0.9028	0.0972	0.5703	0.0834	0.5569
bub12at310k-hg16-17	0.9030	0.0970	0.5791	0.1011	0.5668
bub8at310k-hg16-17	0.9024	0.0976	0.5549	0.0571	0.5423
cad	0.8333	0.1667	0.8086	0.6154	0.6330
caesarian	0.6250	0.3750	0.7241	0.3333	0.5283
cancer	0.3478	0.6522	0.2581	0.0000	0.5068
cancer-uae	0.4530	0.3647	0.3231	0.0181	0.5729
car	0.7644	0.1178	0.4129	0.4977	0.4245
car-insurance	0.6200	0.3800	0.6868	0.3059	0.6866
card	0.6667	0.3333	0.6725	0.3379	0.8378
cardiotocography	0.5023	0.0995	0.4038	0.4128	0.4991
cardiotocography-nsp	0.4601	0.3599	0.4407	0.1456	0.5932
cardiovascular	0.4996	0.5004	0.3331	0.0000	0.5284
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.5250	0.3167	0.4434	0.2300	0.6958
cas_N6512_cdk_ECFP2	0.5837	0.4163	0.5808	0.1617	0.9431
cas_N6512_rdkit_ATOMPAIR	0.4985	0.5015	0.4967	-0.0067	0.9993
cas_N6512_RDkit_AtomPair_FP	0.4969	0.5031	0.4895	-0.0208	1.0000
cas_N6512_rdkit_AVALON	0.5438	0.4562	0.5448	0.0892	0.9676
cas_N6512_RDkit_Avalon_FP	0.5291	0.4709	0.5312	0.0618	0.9757
cas_N6512_rdkit_descriptors	0.6477	0.3523	0.6466	0.2930	0.8820
cas_N6512_rdkit_FEATMORGAN	0.5238	0.4762	0.5199	0.0399	0.9862
cas_N6512_RDkit_Featmorgan_FP	0.5721	0.4279	0.5693	0.1385	0.9523
cas_N6512_RDkit_FP	0.5123	0.4877	0.5127	0.0252	0.9889
cas_N6512_rdkit_LAYERED	0.5231	0.4769	0.5182	0.0363	0.9871
cas_N6512_RDkit_Layered_FP	0.5537	0.4463	0.5514	0.1027	0.9655
cas_N6512_rdkit_MACCS	0.6928	0.3072	0.6897	0.3788	0.8307
cas_N6512_RDkit_MACCS_FP	0.7009	0.2991	0.7011	0.4013	0.8175

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.5277	0.4723	0.5302	0.0598	0.9757
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.5330	0.0657	0.9773
cas_N6512_rdkit_PATTERN	0.5123	0.4877	0.5128	0.0255	0.9887
cas_N6512_RDkit_pattern_FP	0.5245	0.4755	0.5240	0.0480	0.9828
cas_N6512_rdkit_RDKITFP	0.5253	0.4747	0.5291	0.0573	0.9746
cas_N6512_rdkit_TORSION	0.5400	0.4600	0.5332	0.0659	0.9756
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.5233	0.4767	0.5301	0.0567	0.9245
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.8361	0.1639	0.5653	0.0943	0.4603
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9380	0.0620	0.5143	0.0216	0.6166
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9193	0.0807	0.6278	0.2528	0.6521
census10%	0.9118	0.0882	0.5909	0.1814	0.6630
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.8372	0.1628	0.5220	0.0414	0.6260
cervical-C	0.9070	0.0930	0.5753	0.1506	0.6606
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.8721	0.1279	0.4658	-0.0535	0.7264
children-anemia	0.5700	0.2150	0.5057	0.3832	0.4708
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.6030	0.3970	0.4863	-0.0260	0.8333
churn-bigml	0.8352	0.1648	0.5570	0.0872	0.7127
ci900367j_MACCS	0.5789	0.4211	0.5625	0.1244	0.9382
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.5952	0.2698	0.3882	0.1774	0.5068
cjs	0.5643	0.1452	0.5918	0.4758	0.4790
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.4778	0.2611	0.4582	0.3025	0.5457
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.3333	0.4444	0.3810	0.0588	0.5907
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4762	0.3492	0.4801	0.2100	0.7465
cnae-9	0.3981	0.1337	0.4003	0.3229	0.5289
codon_usage	0.4068	0.1079	0.2820	0.2825	0.6588
coil20	0.8472	0.0153	0.8640	0.8392	0.0895
college	0.6623	0.3377	0.6355	0.2591	0.8178
collins	0.2200	0.1040	0.1911	0.1341	0.4136
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5172	0.4828	0.5125	0.0240	0.9373
colposcopies-2	0.4138	0.5862	0.3659	-0.2674	1.0000
colposcopies-3	0.5172	0.4828	0.6014	0.1325	0.7333
colposcopies-4	0.5862	0.4138	0.5196	0.0387	0.9049
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5517	0.4483	0.5524	0.1045	0.9653
colposcopies-c	0.6897	0.3103	0.6349	0.2606	0.8063
column-2c	0.6774	0.3226	0.7234	0.3898	0.6759
column-3c	0.5161	0.3226	0.4271	0.2488	0.5991
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.5697	0.4303	0.5771	0.1425	0.9128
coupon	0.4290	0.5710	0.4510	-0.0849	0.9731

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.6215	0.1081	0.3792	0.3961	0.5143
covtypeCD	0.8718	0.1282	0.7728	0.5337	0.6358
covtypeT	0.6283	0.3717	0.5740	0.0783	0.4098
crabs	0.7000	0.1500	0.7208	0.6000	0.3422
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.6323	0.1226	0.2967	0.2069	0.5397
cryotherapy	0.4444	0.5556	0.3077	0.0000	0.5302
cultivars	0.2188	0.0488	0.1548	0.1935	0.1547
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.1607	-0.0104	0.8817
cyclopentane	0.5926	0.4074	0.5912	0.1818	0.9314
cylinder-bands	0.4815	0.5185	0.4416	-0.1101	1.0000
darwin	0.6667	0.3333	0.6667	0.3333	0.8617
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0988	0.1802	0.0988	-0.0011	0.9189
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7177	0.2823	0.5457	0.0890	0.8615
defect	0.8457	0.1543	0.6271	0.1083	0.4620
dementia	0.9900	0.0100	0.9901	0.9800	0.0639
deposit	0.6996	0.3004	0.5602	0.0999	0.6460
depressed	0.8182	0.1818	0.4500	-0.0265	0.6019
dermatology	0.8649	0.0450	0.8615	0.8315	0.0905
desharnais	0.3750	0.4167	0.3158	-0.0526	0.6245
dexter	0.5167	0.4833	0.5499	0.0333	0.6793
df_final	0.3750	0.4167	0.4377	0.0123	0.5748
DIA	0.5667	0.4333	0.4466	-0.1064	0.9138
diabetes	0.6923	0.3077	0.7312	0.4157	0.6905
diabetes-100k	0.8824	0.1176	0.5908	0.1801	0.7001
diabetes-risk	0.8460	0.1540	0.7552	0.5083	0.6609
diabetic	0.4914	0.3391	0.3379	0.0067	0.6254
diabetic1%	0.5588	0.2941	0.3747	0.1382	0.5407
diabetic10%	0.4843	0.3438	0.3443	0.0259	0.7791
diagnosis	0.8333	0.1667	0.8571	0.6757	0.4308
diamonds	0.7500	0.1250	0.7751	0.6690	0.2971
diamonds_all	0.5766	0.1694	0.4386	0.3996	0.6212
dishonest	0.8438	0.1562	0.8590	0.6800	0.4644
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.6250	0.3750	0.3846	-0.2000	0.9438
dlbcl-nih	0.4583	0.5417	0.3839	-0.2000	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dota2	0.4046	0.5954	0.4075	-0.1665	1.0000
dota210%	0.4786	0.5214	0.4778	-0.0444	1.0000
drebin	0.7150	0.2850	0.6898	0.3769	0.8118
dropout	0.5982	0.2679	0.4849	0.3077	0.6675
drug-01	0.2926	0.2021	0.1106	-0.0779	0.5279
drug-02	0.4415	0.1596	0.1425	0.0048	0.4602
drug-03	0.6809	0.1064	0.2130	0.0228	0.3053
drug-04	0.5000	0.1429	0.1500	0.0520	0.4755
drug-05	0.7340	0.0760	0.1605	0.0231	0.2200
drug-06	0.2287	0.2204	0.1698	0.0566	0.7953
drug-07	0.4202	0.1933	0.1760	0.0649	0.4801
drug-08	0.4734	0.1505	0.0942	-0.0635	0.4913
drug-09	0.8617	0.0461	0.1543	-0.0076	0.1983
drug-10	0.5053	0.1413	0.1473	0.0272	0.5744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7872	0.0709	0.1468	-0.0071	0.2395
drug-13	0.5319	0.1337	0.1514	0.0750	0.4632
drug-14	0.5319	0.1337	0.1860	0.0481	0.4547
drug-15	0.7447	0.0729	0.1220	-0.0204	0.2917
drug-16	0.5585	0.1472	0.2313	0.2005	0.4482
drug-17	0.3138	0.1960	0.1812	0.0962	0.6433
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7553	0.0699	0.1229	-0.0207	0.3142
drybean	0.7840	0.0617	0.8110	0.7418	0.2681
ecoli	0.5294	0.1569	0.3224	0.2558	0.3258
ecoliCP-IM	0.5455	0.4545	0.5089	0.0179	0.9682
ecoliM	0.6061	0.3939	0.5976	0.1734	0.7904
ecoliMU	0.5758	0.4242	0.6657	0.1720	0.3602
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2700	0.3650	0.2764	0.0248	0.8235
eeg	0.1124	0.1109	0.1039	0.0126	0.8400
eeg-eye	0.6182	0.3818	0.6083	0.2113	0.9053
eeg10%	0.1658	0.1043	0.1419	0.0667	0.6838
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2329	0.3068	0.2384	0.0269	0.6700
euthyroid	0.8196	0.1804	0.7403	0.4019	0.5632
exon.vs.intron-freq	0.6755	0.3245	0.6935	0.3313	0.7131
exon.vs.intron-freq10%	0.5723	0.4277	0.5689	0.1201	0.8965
fakenews	0.4925	0.5075	0.4924	-0.0153	1.0000
fbis-wc	0.4756	0.0617	0.3081	0.3795	0.3768
fertility	1.0000	0.0000	1.0000	1.0000	0.0000
finance	0.7647	0.2353	0.7614	0.5211	0.7247
financial-risk	0.6305	0.1232	0.2659	0.3076	0.2774
fishcatch	0.5625	0.1458	0.4459	0.4483	0.2204
flags	0.3000	0.2000	0.1626	0.0850	0.4413
forest	0.3269	0.3365	0.3712	0.0619	0.6641
gas	0.4040	0.1987	0.4217	0.2774	0.6623
gastrointestinal	0.6875	0.2083	0.6858	0.4483	0.4265
gender	0.5895	0.2737	0.3591	0.0766	0.5469
gene	0.3659	0.4227	0.4917	0.1380	0.6131
german	0.5600	0.4400	0.4436	-0.0973	0.9724
gestures	0.4786	0.2607	0.4827	0.3053	0.6562
gina	0.5937	0.4063	0.5931	0.1856	0.9328
gisette	0.6929	0.3071	0.6931	0.3857	0.8287
glass	0.4286	0.1905	0.3070	0.1628	0.3989
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.6667	0.3333	0.7067	0.3691	0.7255
glassBWNFP	0.5238	0.4762	0.5338	0.0625	0.9049
glassContainers	0.7273	0.2727	0.7203	0.2979	0.4422
glassNW	0.7619	0.2381	0.4324	0.0000	0.3902
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.4762	0.5238	0.6201	0.0723	0.2039
GlaucomaM	0.4737	0.5263	0.4722	-0.0556	1.0000
gli_85	0.8750	0.1250	0.8298	0.6000	0.2846
glioma	0.8000	0.1333	0.8602	0.6875	0.1858
glioma-grade	0.8333	0.1667	0.8329	0.6627	0.5948
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2000	0.4000	0.1514	-0.1111	0.5592
gsalc	0.5556	0.1481	0.5691	0.4783	0.2059
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.6002	0.0666	0.4883	0.5305	0.3521
har	0.4720	0.2112	0.4631	0.3333	0.6803

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har701%	0.6748	0.0929	0.3333	0.4962	0.3271
har7010%	0.5737	0.1218	0.2726	0.3450	0.2980
harth1%	0.4023	0.0996	0.1873	0.2317	0.4278
harth10%	0.2724	0.1213	0.1824	0.1271	0.4543
hayes-roth	0.2500	0.5000	0.1860	-0.2715	0.6012
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7600	0.1200	0.2688	0.0358	0.3239
heart	0.4815	0.5185	0.4631	-0.0739	1.0000
heart-attack	0.4839	0.5161	0.5046	0.0080	0.9438
heart-c	0.4333	0.5667	0.4214	-0.1538	1.0000
heart-failure	0.7440	0.2560	0.7500	0.4747	0.7001
heart-quantum	0.9400	0.0600	0.9395	0.8718	0.2092
hepatitis	0.4667	0.5333	0.5346	0.0476	0.6853
hepmass1%	0.3311	0.6689	0.3020	-0.3321	1.0000
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.3827	0.6173	0.3865	-0.2134	1.0000
higgs1%	0.3809	0.6191	0.3793	-0.2017	1.0000
higher	0.1429	0.2143	0.0455	-0.0701	0.3943
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.5938	0.4062	0.5888	0.1680	0.9112
hiv1-proteasa	0.8246	0.1754	0.6725	0.3433	0.7350
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5556	0.2963	0.3649	0.1056	0.4898
hotel-reservartions	0.8024	0.1976	0.7758	0.5516	0.6883
hr	0.8632	0.1368	0.5844	0.0359	0.4036
ht-sensor	0.4839	0.3441	0.4901	0.2331	0.7262
ht-sensor10%	0.4766	0.3489	0.4809	0.2204	0.7328
htru2	0.7374	0.2626	0.6848	0.2649	0.5077
hypothyroid	0.9019	0.0491	0.2371	-0.0122	0.2379
hypothyroidT	0.8647	0.1353	0.6409	0.2674	0.6447
ilpd	0.5932	0.4068	0.5528	0.1027	0.8901
immuno-therapy	0.4444	0.5556	0.6429	0.1509	0.4711
instagram	0.8207	0.0897	0.8250	0.7609	0.3148
ionosphere	0.7143	0.2857	0.7491	0.4462	0.6541
iris	0.5333	0.3111	0.6342	0.3354	0.4132
irish	0.9800	0.0200	0.9802	0.9596	0.1220
isolet	0.6585	0.0263	0.6643	0.6449	0.2196
jm1	0.7989	0.2011	0.5894	0.1374	0.7178
jvowels	0.4548	0.1212	0.4793	0.3866	0.5391
kc1	0.8341	0.1659	0.5942	0.1514	0.6962
kc1-class-level-defectiveornot	0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect	0.6923	0.1231	0.2842	0.3810	0.2648
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.5148	0.0231	0.8187
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9414	0.0586	0.4849	-0.0130	0.5135
kddcup99	0.4170	0.0583	0.1055	0.2681	0.0779
kddcup991%	0.4128	0.0903	0.1173	0.2648	0.0963
kddcup9910%	0.4138	0.0617	0.1111	0.2657	0.0855
kepler	0.7218	0.1855	0.7022	0.5608	0.4885
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.6054	0.2105	0.9054
krkopt	0.2916	0.0787	0.2352	0.2044	0.5950
krvskp	0.9060	0.0940	0.9065	0.8119	0.4108
la1s-wc	0.6317	0.1228	0.5864	0.5259	0.4526
la2s-wc	0.5662	0.1446	0.5538	0.4322	0.5112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
labor	0.1667	0.8333	0.1429	-0.6667	0.9586
leaf	0.3824	0.0537	0.2897	0.3527	0.1734
led24	0.4500	0.1222	0.4535	0.3768	0.2852
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.3115	0.0530	0.3652	0.2840	0.5148
leukemia	0.4286	0.3810	0.5045	0.1515	0.5285
leukemia2	0.7143	0.2857	0.7083	0.4167	0.8058
libra	0.4167	0.0778	0.4571	0.3768	0.2559
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.5588	0.4412	0.5978	0.1694	0.8239
loan	0.8431	0.1569	0.8354	0.6428	0.4739
localization	0.2661	0.1334	0.1623	0.0947	0.6501
lrs	0.4528	0.1563	0.5097	0.2222	0.3774
lung	0.7619	0.0952	0.4688	0.4615	0.2907
lung_discrete	0.6250	0.1500	0.5032	0.5102	0.1461
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.8000	0.0800	0.5263	0.4483	0.1594
lung-cancer-harvard2	0.7222	0.2778	0.5600	0.1176	0.7900
lung-cancer-michigan	0.7778	0.2222	0.4375	-0.1250	0.7500
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.7143	0.1905	0.5298	0.4955	0.3025
lymphoma2	0.7778	0.0741	0.6377	0.6667	0.1222
machine-failure	0.6915	0.3085	0.7342	0.4148	0.6715
madelon	0.4769	0.5231	0.4769	-0.0462	1.0000
magic04	0.7585	0.2415	0.7237	0.4361	0.7373
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.8348	0.1652	0.6133	0.2146	0.7372
maternal	0.6337	0.2442	0.6396	0.4358	0.5682
math	0.3750	0.3125	0.3746	0.0138	0.6290
mba	0.7258	0.1828	0.3483	0.0469	0.4155
mental-disorders	0.7500	0.1250	0.7913	0.6667	0.1743
mental-health	0.2133	0.3147	0.2174	0.0173	0.8337
messidor	0.7043	0.2957	0.7149	0.4173	0.7781
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	0.8889	0.0741	0.9026	0.8333	0.1548
meter-C	0.8889	0.0556	0.9184	0.8448	0.1344
meter-D	0.8333	0.0833	0.6813	0.7642	0.1404
mfeat-fac	0.6800	0.0640	0.6889	0.6444	0.2773
mfeat-fou	0.5650	0.0870	0.5589	0.5167	0.3976
mfeat-kar	0.7400	0.0520	0.7579	0.7111	0.2361
mfeat-mor	0.2650	0.1470	0.2593	0.1833	0.4171
mfeat-pix	0.7000	0.0600	0.7197	0.6667	0.2585
mfeat-zer	0.4600	0.1080	0.4610	0.4000	0.4793
mice-prot	0.6759	0.0810	0.6829	0.6281	0.3402
milk	0.8208	0.1195	0.8440	0.7350	0.2774
mines	0.5000	0.2000	0.4355	0.3738	0.4046
mobile	0.5210	0.0171	0.5325	0.5123	0.1949
monks-1	0.6000	0.4000	0.5999	0.1976	0.9234
monks-2	0.4754	0.5246	0.4317	-0.1362	0.9875
monks-3	0.7321	0.2679	0.7373	0.4670	0.7553
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8610	0.1390	0.8630	0.7226	0.5219
music	0.2239	0.1411	0.2292	0.1234	0.7787
musk	0.8227	0.1773	0.5782	0.1388	0.7493

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP2	0.5971	0.4029	0.5790	0.1571	0.9358
MUT_ci300400a_cdk_ECFP4	0.5449	0.4551	0.5136	0.0263	0.9746
MUT_ci300400a_cdk_ECFP6	0.5737	0.4263	0.5288	0.0476	0.9127
MUT_ci300400a_cdk_ESTATE	0.6847	0.3153	0.6679	0.3248	0.8279
MUT_ci300400a_cdk_EXTENDED	0.5695	0.4305	0.5409	0.0792	0.9553
MUT_ci300400a_cdk_FCFP2	0.7150	0.2850	0.7045	0.4084	0.8067
MUT_ci300400a_cdk_FCFP4	0.5923	0.4077	0.5703	0.1385	0.9391
MUT_ci300400a_cdk_FCFP6	0.5911	0.4089	0.5574	0.1048	0.9201
MUT_ci300400a_cdk_MACCS	0.7074	0.2926	0.6945	0.3859	0.8131
MUT_ci300400a_cdk_PUBCHEM	0.6228	0.3772	0.6106	0.2211	0.9112
MUT_ci300400a_cdk_STANDARD	0.5713	0.4287	0.5352	0.0652	0.9446
MUT_ci300400a_rdkit_descriptors	0.7105	0.2895	0.6999	0.3955	0.8052
myocardial	0.8235	0.0441	0.1298	0.0524	0.2454
naticusdroid	0.9253	0.0747	0.9257	0.8506	0.3491
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7872	0.0224	0.0699	0.0704	0.1344
ncRNA10%	0.7806	0.0231	0.0680	0.0219	0.1363
neo	0.5952	0.4048	0.3797	-0.1639	0.5473
new-thyroid	0.8095	0.1270	0.5783	0.5172	0.3196
new-thyroidT	0.2857	0.7143	0.3438	-0.1538	0.5875
newspop	0.4054	0.5946	0.4102	-0.1590	1.0000
NHANES_age_prediction	0.6388	0.3612	0.6879	0.2710	0.5488
nomao	0.7589	0.2411	0.7143	0.4273	0.7658
NPHA-doctor-visits	0.4306	0.3796	0.3141	0.0157	0.7393
nursery	0.6836	0.1582	0.6217	0.5387	0.5351
obesity	0.6398	0.1029	0.6714	0.5804	0.3484
obs	0.5370	0.2315	0.5365	0.3475	0.5337
occupancy	0.7087	0.2913	0.7581	0.4263	0.5560
Occupancy_Estimation	0.6417	0.1792	0.4806	0.3256	0.5460
oh0-wc	0.4950	0.1010	0.3940	0.4015	0.3491
oh10-wc	0.4952	0.1010	0.4422	0.4133	0.4176
oh15-wc	0.4674	0.1065	0.4333	0.3770	0.3670
oh5-wc	0.3956	0.1209	0.3708	0.2947	0.4004
olive	0.4912	0.1131	0.3764	0.4024	0.2488
opn310k	0.9057	0.0943	0.5696	0.0594	0.4766
opn310k10%	0.9056	0.0944	0.4752	-0.0109	0.4510
opnat310k-hg16-17	0.9070	0.0930	0.5919	0.0938	0.4857
optdigits	0.6619	0.0676	0.6634	0.6246	0.3349
optdigitsZ	0.9893	0.0107	0.9686	0.9364	0.2203
orl	0.7500	0.0125	0.6818	0.7436	0.0420
ovarian-cancer	0.4400	0.5600	0.3584	-0.2774	1.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.8972	0.1028	0.5444	0.0828	0.6928
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6340	0.3660	0.5879	0.1757	0.9081
P-Glycoprotein_c_RDkit_AtomPair_FP	0.6905	0.3095	0.7018	0.3890	0.7914
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9232	0.0307	0.3207	0.3857	0.1643
parkinson	0.7167	0.2833	0.7059	0.3655	0.7024
parkinsons	0.6209	0.3791	0.5664	0.1220	0.9055
parkinsons-small	0.7895	0.2105	0.6999	0.3770	0.7072
particle	0.8695	0.1305	0.8520	0.6968	0.5495
particle10%	0.8592	0.1408	0.8383	0.6710	0.5771
pasture	0.2500	0.5000	0.1667	-0.0909	0.3508
pc1	0.8919	0.1081	0.4714	-0.0505	0.7079
pcmac	0.5361	0.4639	0.4534	-0.0614	0.9210
pcos	0.9767	0.0233	0.9662	0.9301	0.2305

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pd	0.7632	0.2368	0.6420	0.2653	0.7750
pediatric-leukemia	0.7353	0.0756	0.6711	0.6695	0.2088
pendigits	0.6806	0.0639	0.6690	0.6442	0.3358
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.5889	0.4111	0.5560	0.1117	0.9441
personalities	0.7655	0.0293	0.7676	0.7499	0.2950
pet-adoption	0.5450	0.4550	0.6769	0.2334	0.5696
phishing	0.8612	0.1388	0.8539	0.7077	0.5442
PhiUSIIL	0.6696	0.3304	0.6556	0.2964	0.8356
PhiUSIIL10%	0.6522	0.3478	0.6511	0.3005	0.8713
phone-acc0.1%	0.4296	0.1630	0.4311	0.3314	0.5326
phone-acc1%	0.5330	0.1334	0.5209	0.4525	0.4717
phone-gyr0.1%	0.5212	0.1368	0.5199	0.4397	0.4629
phone-gyr1%	0.5986	0.1147	0.5916	0.5297	0.3868
phoneme	0.6019	0.3981	0.5630	0.1220	0.8793
phy	0.5222	0.4778	0.5221	0.0441	0.9865
pima	0.7105	0.2895	0.6891	0.3407	0.7408
pirvision	0.5800	0.2800	0.4818	0.1101	0.4855
placement	0.7720	0.2280	0.7712	0.5396	0.7103
plant-growth	0.5789	0.4211	0.5778	0.1556	0.9466
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker1%	0.4273	0.1636	0.1309	-0.0345	0.3245
poker10%	0.4940	0.1265	0.1170	-0.0064	0.2361
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9286	0.0714	0.5206	0.0390	0.6560
polish-4th	0.9347	0.0653	0.5238	0.0347	0.6080
polish-5th	0.8832	0.1168	0.5321	0.0641	0.6872
polya	0.6151	0.3849	0.5343	0.0608	0.9160
popularity	0.6252	0.2499	0.3646	0.0779	0.4907
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.4753	0.2099	0.4555	0.3423	0.5546
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6353	0.2647	0.8828
prestige	0.4444	0.3704	0.3878	0.2373	0.2969
primary-tumor	0.2727	0.1119	0.2072	0.1801	0.3423
processed	0.9583	0.0417	0.9554	0.9075	0.2516
profb	0.5970	0.4030	0.4527	-0.0761	0.9439
promoters	0.4000	0.6000	0.4167	-0.1538	0.9932
prostate	0.7857	0.2143	0.8028	0.5333	0.4205
prostate_GE	0.5455	0.4545	0.5500	0.0984	0.9584
puc-rio	0.5281	0.1888	0.5388	0.4101	0.4881
puc-rio10%	0.5160	0.1936	0.5135	0.3890	0.5951
pufs-1281%	0.4973	0.5027	0.4973	-0.0054	1.0000
pufs-641%	0.5129	0.4871	0.5129	0.0258	0.9925
pulsar	0.6377	0.3623	0.6622	0.1929	0.4337
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc	0.5600	0.0677	0.2916	0.3586	0.3287
re1-wc	0.4518	0.0439	0.2179	0.3289	0.3515
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9789	0.0211	0.9791	0.9573	0.1091
rice	0.9566	0.0434	0.9576	0.9115	0.1794
rocket	0.6067	0.3933	0.5861	0.1715	0.9284
RT_IOT2022	0.9001	0.0167	0.5836	0.7596	0.1659
satimage	0.2862	0.2379	0.3008	0.1297	0.6840
satimageF	0.6485	0.3515	0.5498	0.0725	0.5829
satimageT	0.5785	0.4215	0.4659	-0.0436	0.5408
scadi	0.7143	0.1143	0.6600	0.6316	0.1509

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.4118	0.5882	0.4092	-0.1765	1.0000
sclerosis	0.9259	0.0741	0.9309	0.8525	0.2846
secom	0.9359	0.0641	0.6217	0.1485	0.4505
secondary_mushroom	0.6836	0.3164	0.6831	0.3650	0.8384
seeds	0.5714	0.2857	0.5909	0.3571	0.5071
segment	0.6580	0.0977	0.6897	0.5999	0.2964
segmentation	0.6535	0.3465	0.6223	0.2447	0.8854
segmentO	0.7965	0.2035	0.7257	0.4115	0.6507
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9497	0.0503	0.8456	0.6665	0.3098
sens-1-gram	0.8132	0.1868	0.5028	0.0052	0.7879
sens-2-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sens-3-gram	0.8184	0.1816	0.4952	-0.0085	0.7842
sens-4-gram	0.8421	0.1579	0.5443	0.0732	0.7331
sensorless	0.3826	0.1123	0.4058	0.3208	0.5774
sepsis	0.8937	0.1063	0.4749	-0.0250	0.6183
shoppers	0.7867	0.2133	0.6315	0.2599	0.7540
shuttle	0.6759	0.0926	0.2893	0.3076	0.2259
sick	0.8249	0.1751	0.6146	0.1890	0.5610
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin	0.9287	0.0713	0.9042	0.8006	0.4338
skin10%	0.2316	0.7684	0.4059	-0.0679	0.6231
smarket	0.8720	0.1280	0.8842	0.7423	0.3522
smart-farming	0.2200	0.3900	0.1754	-0.0529	0.7244
smk_can_187	0.6316	0.3684	0.6292	0.2570	0.8973
smoking	0.7387	0.2613	0.7299	0.4562	0.7657
soil_pollution	0.1933	0.3227	0.1887	-0.0096	0.8573
solar-flare	0.6403	0.1199	0.4797	0.5350	0.3365
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.5441	0.0480	0.6078	0.5115	0.2149
spam-detection	0.8525	0.1475	0.7339	0.4174	0.5998
spambase	0.8152	0.1848	0.8074	0.6147	0.6452
spect	0.3704	0.6296	0.4272	-0.1007	0.7620
spectf	0.5143	0.4857	0.5091	0.0165	0.8809
splice-EI	0.4574	0.5426	0.5892	0.1130	0.6566
splice-IE	0.7823	0.2177	0.6584	0.2972	0.7493
sport-articles	0.6500	0.3500	0.6402	0.2775	0.8681
squash-stored	0.4000	0.4000	0.2222	0.0000	0.3434
squash-unstored	0.4000	0.6000	0.2857	-0.3636	1.0000
startup	0.6774	0.3226	0.6302	0.2548	0.8634
steel_industry	0.7489	0.1674	0.7047	0.5942	0.4868
steel-b	0.6769	0.3231	0.5580	0.1143	0.8366
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.5949	0.4051	0.6097	0.1773	0.7091
steel-o	0.5795	0.4205	0.5715	0.1389	0.9093
steel-p	0.8513	0.1487	0.4919	-0.0162	0.7093
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.8462	0.1538	0.7105	0.3851	0.6281
stellar	0.9099	0.0601	0.8999	0.8382	0.2610
stock	0.7986	0.2014	0.5061	0.0067	0.7082
stockb	0.7269	0.1821	0.7322	0.5903	0.4337
streaming	0.8020	0.1980	0.7991	0.5968	0.6587
stress	0.8095	0.0762	0.8418	0.7627	0.1192
student-lifestyle	0.6250	0.1500	0.3225	0.3638	0.4128
student-depression	0.3925	0.6075	0.4007	-0.1902	1.0000
student-habits	0.3500	0.2600	0.1664	-0.0191	0.5696
student-weekend	0.3077	0.2769	0.1748	-0.0114	0.6779

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-workday	0.6719	0.1313	0.1607	-0.0484	0.3336
studentap	0.4615	0.3590	0.3636	0.1415	0.6862
susy1%	0.7704	0.2296	0.7742	0.5268	0.6565
swarm_aligned	0.9421	0.0579	0.9322	0.8643	0.3157
swarm_flocking	0.8006	0.1994	0.8016	0.6012	0.6567
swarm_grouped	0.8555	0.1445	0.8456	0.6911	0.5622
tae	0.4000	0.4000	0.3944	0.1000	0.7208
telco-churn	0.7614	0.2386	0.6462	0.2438	0.7153
texture	0.5200	0.0873	0.5374	0.4700	0.4461
theorem	0.8560	0.1440	0.8716	0.7168	0.4388
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.7105	0.2895	0.6387	0.2768	0.8416
tic-tac-toe	0.4421	0.5579	0.5479	0.0615	0.7630
tis	0.6432	0.3568	0.5293	0.0586	0.8900
tis10%	0.7388	0.2612	0.5661	0.1046	0.7935
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1500	0.2894	0.4146	0.1775
tox_171	0.3529	0.3235	0.3803	0.1053	0.5476
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f	0.4118	0.5882	0.3561	-0.2879	1.0000
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.5122	0.1084	0.2471	0.3584	0.3547
trec12-wc	0.4194	0.1452	0.3431	0.2096	0.3037
trec21-wc	0.6667	0.1333	0.1600	-0.0401	0.3655
trec23-wc	0.5714	0.1429	0.3193	0.3127	0.3355
trec31-wc	0.6129	0.1290	0.3467	0.4455	0.3708
trec41-wc	0.5000	0.1000	0.2591	0.3501	0.3582
trec45-wc	0.4783	0.1043	0.4149	0.3795	0.3854
tuandromd	0.7197	0.2803	0.6910	0.3448	0.7032
turkish	0.4000	0.3000	0.4062	0.2000	0.6240
tvnews	0.5354	0.4646	0.5452	0.0855	0.9217
tvnews1%	0.5923	0.4077	0.5567	0.1133	0.9415
tvnews10%	0.6870	0.3130	0.6411	0.2280	0.7506
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.4627	0.1194	0.4078	0.3688	0.4185
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.3452	0.3274	0.3438	0.1317	0.6972
vehicleVAN	0.8095	0.1905	0.8143	0.5844	0.5698
voice	0.5833	0.4167	0.5000	0.0000	0.9580
vote	0.4651	0.5349	0.4654	-0.0692	1.0000
vowel	0.2929	0.1286	0.3245	0.2222	0.4082
vowelZ	0.7879	0.2121	0.7213	0.3419	0.5253
vrnormat310k-hg16-17	0.9087	0.0913	0.5746	0.0177	0.3001
warpar10p	0.4615	0.1077	0.3477	0.4013	0.1689
warppie10p	0.6667	0.0667	0.5859	0.6288	0.1118
watch-acc1%	0.5871	0.1180	0.5727	0.5177	0.4658
watch-gyr1%	0.6048	0.1129	0.5809	0.5374	0.3957
water_pollution	0.2267	0.3867	0.2231	-0.0319	0.8399
waveform	0.4820	0.3453	0.4958	0.2203	0.6398
weather-related	0.5019	0.0906	0.4772	0.4314	0.4211
web-phishing	0.4593	0.3605	0.5179	0.2422	0.5575
Weekly	0.8333	0.1667	0.8438	0.6707	0.5392
weight-lift	0.4989	0.2005	0.5037	0.3678	0.6298

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
white-clover	0.5000	0.5000	0.3333	-0.2857	1.0000
wifi-loc	0.7950	0.1025	0.7882	0.7267	0.2640
wilt	0.9048	0.0952	0.7775	0.4604	0.5158
wine	0.5294	0.3137	0.6011	0.2486	0.4540
winequality-red	0.5157	0.1614	0.2500	0.2651	0.4178
winequality-white	0.4519	0.1827	0.2489	0.1866	0.6836
winnipeg	0.7373	0.0751	0.6126	0.6774	0.3406
winnipeg10%	0.8450	0.0443	0.6970	0.8044	0.2911
wisc_bc	0.4211	0.5789	0.4344	-0.1216	0.9722
yale	0.6250	0.0500	0.5455	0.5966	0.0806
yeast	0.3378	0.1471	0.1708	0.1417	0.4591
yeastCYT-POX	0.6735	0.3265	0.4024	-0.0769	0.2992
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.5839	0.0832	0.5795	0.5348	0.4133

Table 303: Detailed results for GENSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1735	0.0787	0.0887	0.0791	0.4446
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.6500	0.3500	0.6508	0.3000	0.8761
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8498	0.1502	0.7820	0.5521	0.5970
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8742	0.1258	0.8716	0.7426	0.5015
alcohol	0.7524	0.0990	0.3181	0.4042	0.2911
alzheimers	0.8558	0.1442	0.8398	0.6778	0.5580
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9346	0.0327	0.6844	0.8729	0.1581
anuran-genus	0.9541	0.0115	0.8751	0.9238	0.1364
anuran-species	0.9667	0.0067	0.9257	0.9535	0.0661
anxiety	0.0833	0.2037	0.0730	-0.0336	0.8192
apple-quality	0.7350	0.2650	0.7364	0.4700	0.7649
aps-failure	0.9907	0.0093	0.8514	0.6881	0.2757
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.8775	0.1225	0.6686	0.0652	0.2579
audiology	0.7727	0.0413	0.6968	0.7324	0.1074
audit-risk	0.9615	0.0385	0.9598	0.9193	0.2145
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.8000	0.0667	0.6970	0.7306	0.1468
avila	0.5391	0.0768	0.3084	0.3085	0.3754
babies	0.4274	0.1636	0.1696	0.0999	0.4774
balance	0.8871	0.0753	0.6118	0.7881	0.2080
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8963	0.1037	0.8868	0.7681	0.4193
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9966	0.0034	0.8951	0.7726	0.1002
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6336	0.1832	0.6340	0.5114	0.5012
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.7793	0.0441	0.6867	0.7316	0.1937
cardiotocography-nsp	0.8685	0.0876	0.7557	0.6188	0.4170
cardiovascular	0.7003	0.2997	0.7009	0.4005	0.8173
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.7750	0.1500	0.6866	0.5904	0.4974
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7415	0.2585	0.7407	0.4812	0.7631
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4600	0.5400	0.3151	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4592	0.5408	0.3147	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8449	0.1034	0.4037	0.0682	0.2460
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8050	0.1950	0.6210	0.1413	0.5848
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.5348	0.5605	0.3451
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7944	0.1028	0.5462	0.6729	0.3197
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4762	0.3492	0.4513	0.1708	0.7577
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8703	0.0236	0.6935	0.8420	0.1996
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
comedy_comparisons10%	0.4827	0.5173	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7716	0.2284	0.7716	0.5432	0.7149
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.5356	0.1327	0.2160	0.1571	0.3309
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9995	0.0005	0.9188	0.8349	0.2005
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8885	0.0372	0.6696	0.7601	0.2266
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.2188	0.0488	0.1925	0.1935	0.1614
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8107	0.1893	0.6768	0.2704	0.5866
defect	0.8889	0.1111	0.7680	0.4394	0.3325
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8846	0.1154	0.8781	0.7562	0.4872
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.8537	0.1463	0.7531	0.4853	0.6004
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9500	0.0250	0.9350	0.9305	0.0670
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3787	0.6213	0.2747	0.0000	0.5182
dropout	0.7585	0.1610	0.6720	0.5932	0.4726
drug-01	0.4309	0.1626	0.1479	0.0689	0.3409
drug-02	0.5160	0.1383	0.0976	0.0045	0.2927
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5319	0.1337	0.0996	0.0055	0.2904
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.2348	0.2597	0.4761
drug-07	0.4309	0.1897	0.1004	0.0000	0.2655
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.1511	0.1163	0.3527
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1763	0.2593	0.3262
drug-14	0.5904	0.1170	0.2351	0.1811	0.3416
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5745	0.1418	0.2641	0.2632	0.4260
drug-17	0.3670	0.1809	0.1344	0.1131	0.4318
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9251	0.0214	0.9375	0.9093	0.1231
ecoli	0.8235	0.0441	0.5314	0.7521	0.1377
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.3691	0.0789	0.3785	0.2963	0.5995
eeg-eye	0.6095	0.3905	0.6001	0.1700	0.8489
eeg10%	0.3706	0.0787	0.3944	0.2985	0.5647
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.9494	0.0506	0.8404	0.6418	0.2520
exon.vs.intron-freq	0.8970	0.1030	0.8993	0.7946	0.4221
exon.vs.intron-freq10%	0.8932	0.1068	0.8951	0.7868	0.4367
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7059	0.2941	0.7074	0.3846	0.7439
financial-risk	0.7705	0.0765	0.4786	0.6132	0.2377
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9152	0.8943	0.1225
gas	0.9763	0.0079	0.9751	0.9712	0.0502
gastrointestinal	0.1875	0.5417	0.1053	0.0000	0.4117
gender	0.6021	0.2653	0.3807	0.1449	0.5100
gene	0.9243	0.0505	0.9163	0.8793	0.2217
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.3288	0.3356	0.3504	0.1051	0.7657
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
glioma-grade	0.8810	0.1190	0.8813	0.7590	0.4804
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.3225	0.1667	0.5011
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
har	0.6916	0.1233	0.6834	0.6090	0.4561
har70	0.7655	0.0670	0.3922	0.6186	0.1535
har701%	0.7642	0.0674	0.3886	0.6161	0.1467
har7010%	0.1850	0.2329	0.0446	0.0000	0.2874
harth	0.6646	0.0559	0.2455	0.5199	0.2291
harth1%	0.6626	0.0562	0.2360	0.5167	0.2239
harth10%	0.6640	0.0560	0.2456	0.5193	0.2299
hayes-roth	0.5000	0.3333	0.5657	0.1847	0.5086
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-failure	0.8540	0.1460	0.8287	0.6570	0.5834
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.8367	0.1633	0.8367	0.6735	0.5901
hepmass1%	0.8363	0.1637	0.8363	0.6726	0.5910
hepmass10%	0.8362	0.1638	0.8362	0.6723	0.5914
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.6421	0.3579	0.6395	0.2714	0.8732
higgs0.1%	0.6600	0.3400	0.6575	0.3099	0.8599
higgs1%	0.6423	0.3577	0.6399	0.2702	0.8685
higgs10%	0.6417	0.3583	0.6395	0.2708	0.8718
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.5859	0.2761	0.5897	0.3773	0.6421
ht-sensor10%	0.5673	0.2885	0.5711	0.3501	0.6587
htru2	0.9765	0.0235	0.9258	0.8445	0.1588
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9480	0.0260	0.9494	0.9307	0.0999
ionosphere	0.8571	0.1429	0.8291	0.6421	0.5116
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8127	0.1873	0.6144	0.1130	0.5455
jvowels	0.9378	0.0138	0.9351	0.9294	0.0983
kc1	0.8815	0.1185	0.7403	0.3730	0.3783
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8269	0.1731	0.6980	0.3237	0.5729
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.8536	0.0976	0.8044	0.7577	0.2278
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9250	0.0750	0.9216	0.8421	0.3697
krkopt	0.2720	0.0809	0.1851	0.1676	0.5347
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7941	0.0179	0.7965	0.7834	0.0541
led24	0.7000	0.0600	0.6650	0.6610	0.1248
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7210	0.0215	0.7202	0.7097	0.2652
libra	0.8611	0.0185	0.8583	0.8507	0.0642
linkage	0.9998	0.0002	0.9887	0.9772	0.0011
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.9999	0.0001	0.9940	0.9879	0.0006
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9251	0.0749	0.9198	0.8393	0.3597
localization	0.1984	0.1457	0.0301	0.0000	0.3192

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8868	0.0323	0.6525	0.8427	0.0688
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5538	0.4462	0.5548	0.1077	0.9578
magic04	0.7817	0.2183	0.7521	0.4957	0.7009
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8333	0.1667	0.8347	0.6671	0.5906
marketing	0.8884	0.1116	0.7386	0.4169	0.4831
maternal	0.6535	0.2310	0.6610	0.4644	0.5140
math	0.7500	0.1250	0.7011	0.6109	0.3439
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.6957	0.3043	0.6991	0.3934	0.8118
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.5833	0.4449	0.2569
meter-D	0.7778	0.1111	0.6252	0.6828	0.2443
mfeat-fac	0.9750	0.0050	0.9755	0.9722	0.0293
mfeat-fou	0.8400	0.0320	0.8414	0.8222	0.1470
mfeat-kar	0.9600	0.0080	0.9605	0.9556	0.0506
mfeat-mor	0.7200	0.0560	0.7250	0.6889	0.1959
mfeat-pix	0.9750	0.0050	0.9764	0.9722	0.0262
mfeat-zer	0.8150	0.0370	0.8169	0.7944	0.1238
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8774	0.0818	0.8860	0.8160	0.2605
mines	0.5000	0.2000	0.4489	0.3745	0.3937
mobile	0.8462	0.0055	0.8582	0.8434	0.0702
monks-1	0.6182	0.3818	0.6203	0.2326	0.8914
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.4839	0.0938	0.4854	0.3714	0.5260
musk	0.9258	0.0742	0.8461	0.6568	0.2918
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.7845	0.2155	0.7785	0.5566	0.6967
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4959	0.5041	0.3315	0.0000	0.5288
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
ncRNA	0.8629	0.0144	0.1684	0.5583	0.2024
ncRNA1%	0.8620	0.0145	0.1507	0.5492	0.1858
ncRNA10%	0.8634	0.0144	0.1692	0.5608	0.1815

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6446	0.3554	0.6419	0.2833	0.8862
NHANES_age_prediction	0.9868	0.0132	0.9750	0.9487	0.0546
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.3416	0.0137	0.4489
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.8057	0.0555	0.8020	0.7733	0.2085
obs	0.7870	0.1065	0.8076	0.6752	0.2623
occupancy	0.9869	0.0131	0.9821	0.9637	0.1431
Occupancy_Estimation	0.9882	0.0059	0.9638	0.9639	0.0460
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.9123	0.0195	0.8353	0.8898	0.0492
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9609	0.0078	0.9625	0.9565	0.0557
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
page-blocks	0.9616	0.0154	0.8230	0.7556	0.1200
parkinson	0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons	0.7820	0.2180	0.7753	0.5479	0.7005
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.8502	0.1498	0.8046	0.5937	0.5560
particle10%	0.8523	0.1477	0.8078	0.6032	0.5601
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7760	0.5517	0.6697
pendigits	0.9363	0.0127	0.9362	0.9292	0.0990
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.9172	0.0104	0.9173	0.9116	0.1310
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7741	0.2259	0.7105	0.4184	0.7547
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9830	0.0113	0.9659	0.9458	0.0913
placement	0.7950	0.2050	0.7898	0.5796	0.6795
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.0000	0.2222	0.0000	0.0000	0.2380
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6329	0.0822	0.2909
polya	0.7946	0.2054	0.7710	0.5382	0.6850
popularity	0.6615	0.2256	0.4089	0.1890	0.4697
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8303	0.0679	0.8310	0.7879	0.2654
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6068	0.2059	0.9040
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
processed	0.9922	0.0078	0.9911	0.9822	0.0712
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
puc-rio	0.8213	0.0715	0.7533	0.7580	0.2673
puc-rio10%	0.8292	0.0683	0.7578	0.7687	0.2622
pufs-128	0.5007	0.4993	0.5007	0.0013	0.9995
pufs-1281%	0.5077	0.4923	0.5077	0.0153	0.9955
pufs-12810%	0.4997	0.5003	0.4997	-0.0007	1.0000
pufs-64	0.5028	0.4972	0.5028	0.0056	0.9978
pufs-641%	0.5029	0.4971	0.5029	0.0058	0.9983
pufs-6410%	0.5023	0.4977	0.5023	0.0046	0.9987
pulsar	0.9785	0.0215	0.9329	0.8592	0.1352
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
rice	0.9846	0.0154	0.9845	0.9689	0.0993
rocket	0.6139	0.3861	0.5786	0.1438	0.8988
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8398	0.0534	0.7983	0.8012	0.2143
satimageF	0.9860	0.0140	0.9632	0.9255	0.1348
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8974	0.1026	0.6098	0.2180	0.6572
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9307	0.0198	0.9376	0.9190	0.0797
segmentation	0.8168	0.1832	0.7977	0.5945	0.6489
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.8648	0.0246	0.8650	0.8513	0.1315
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.9545	0.0130	0.5215	0.8664	0.1813
sick	0.9602	0.0398	0.8142	0.5764	0.2517

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9353	0.0647	0.9090	0.8142	0.4160
skin10%	0.9322	0.0678	0.9032	0.8038	0.4271
smarket	0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smoking	0.7474	0.2526	0.7354	0.4689	0.7597
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7482	0.0839	0.6763	0.6746	0.1930
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9395	0.0605	0.7937	0.5670	0.4467
spambase	0.3957	0.6043	0.2835	0.0000	0.5229
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.0192	0.0727	0.0014	0.0000	0.4054
splice-EI	0.9590	0.0410	0.9479	0.8944	0.2900
splice-IE	0.9211	0.0789	0.8904	0.7807	0.4326
sport-articles	0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.7509	0.1661	0.7034	0.5987	0.4763
steel-b	0.8154	0.1846	0.6741	0.3078	0.6699
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9692	0.0308	0.9539	0.9074	0.2597
steel-o	0.7487	0.2513	0.7104	0.3717	0.6713
steel-p	0.9231	0.0769	0.6576	0.1895	0.4020
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9487	0.0513	0.8542	0.7084	0.4722
stellar	0.9101	0.0599	0.8995	0.8352	0.2290
stock	0.9236	0.0764	0.8636	0.7209	0.4165
stockb	0.8811	0.0793	0.8866	0.8217	0.1867
streaming	0.8000	0.2000	0.7977	0.5953	0.6669
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6400	0.1440	0.3519	0.3964	0.3853
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4300	0.2280	0.1979	0.0950	0.4578
student-weekend	0.3692	0.2523	0.2052	0.0867	0.5817
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6923	0.2051	0.5260	0.5000	0.2833
susy	0.7855	0.2145	0.7871	0.5601	0.6498
susy1%	0.7886	0.2114	0.7900	0.5666	0.6460
susy10%	0.7873	0.2127	0.7886	0.5639	0.6488
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8991	0.1009	0.8683	0.7356	0.4784
texture	0.9909	0.0017	0.9912	0.9900	0.0142
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8273	0.1727	0.8016	0.5483	0.4541
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
toxicity	0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
tuandromd	0.8064	0.1936	0.4464	0.0000	0.3453
turkish	0.8000	0.1000	0.8041	0.7333	0.2397
tvnews	0.8902	0.1098	0.8807	0.7608	0.4696
tvnews1%	0.9231	0.0769	0.9174	0.8349	0.3756
tvnews10%	0.8959	0.1041	0.8870	0.7725	0.4456
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8593	0.7904	0.1280
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7143	0.1429	0.6759	0.6142	0.2497
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5758	0.0771	0.6089	0.5333	0.1974
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17	0.9174	0.0826	0.6739	0.2239	0.4007
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2067	0.3967	0.2079	-0.0585	0.8886
waveform	0.8460	0.1027	0.8463	0.7690	0.3584
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.7926	0.1383	0.5454	0.6081	0.3444
Weekly	0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5975	0.1342	0.2691	0.3261	0.3423
winequality-white	0.5153	0.1616	0.2850	0.2068	0.4606
winnipeg	0.9865	0.0038	0.9817	0.9830	0.0371
winnipeg10%	0.9865	0.0039	0.9894	0.9829	0.0253
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yeast	0.5068	0.0986	0.3313	0.3608	0.3480
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9301	0.0140	0.9241	0.9217	0.1073

Table 304: Detailed results for GLM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1807	0.0780	0.1283	0.0932	0.5060
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9299	0.0701	0.8508	0.7011	0.4792
adult	0.8462	0.1538	0.7749	0.5441	0.6291
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1431_KlekotaRothFingerprinter	0.6190	0.3810	0.4743	-0.0324	0.5078
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.7619	0.2381	0.5083	0.0150	0.8330
AID_602330	0.9115	0.0885	0.4768	-0.0462	0.6061
AID_652128	0.8687	0.0875	0.3099	-0.0118	0.3886
AID1284Morered	0.6389	0.3611	0.6489	0.2148	0.5726
AID1284red	0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered	0.6796	0.3204	0.5401	0.0476	0.4468
AID1608red	0.8835	0.1165	0.5417	0.0817	0.6371
AID362red	0.9813	0.0187	0.5988	0.1909	0.5648
AID439Morered	0.5714	0.4286	0.6818	0.2222	0.4422
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.0030	0.9970	0.0030	0.0000	0.0086
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.4500	0.5500	0.3103	-0.3750	0.9873
AID644red	0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9967	0.0033	0.4992	-0.0006	0.3287
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.5303	0.0526	0.7987
AID721red	0.7778	0.2222	0.6786	0.3571	0.7720
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
aids	0.8592	0.1408	0.7963	0.5801	0.5679
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7524	0.0990	0.3254	0.4052	0.2603
all-aml	0.6667	0.3333	0.7500	0.4000	0.5283
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.9775	0.0090	0.9718	0.9524	0.0812
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9875	0.0125	0.4969	-0.0056	0.5615
anuran-family	0.9388	0.0306	0.6873	0.8812	0.1556
anuran-genus	0.9555	0.0111	0.8832	0.9262	0.1799
anuran-species	0.9597	0.0081	0.9160	0.9437	0.0740
anxiety	0.0833	0.2037	0.0827	-0.0334	0.8316
apple-quality	0.7300	0.2700	0.7307	0.4600	0.7760
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%	0.0080	0.9920	0.0080	0.0000	0.0228
arcene	0.6000	0.4000	0.6021	0.2000	0.9053
arrhythmia	0.5556	0.0889	0.2819	0.3289	0.4634
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.8182	0.0331	0.6851	0.7805	0.0950
audit-risk	0.9359	0.0641	0.9354	0.8624	0.2175
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.9857	0.0143	0.9825	0.9645	0.1355
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autos	0.7000	0.1000	0.5561	0.5960	0.2523
avila	0.5347	0.0775	0.3898	0.2891	0.3280
babies	0.4355	0.1613	0.1831	0.1066	0.4376
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.9107	0.0893	0.7485	0.4853	0.5697
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.4975	0.5025	0.3322	-0.0100	0.5946
bio10%	0.9966	0.0034	0.9154	0.8259	0.3982
biodeg	0.8571	0.1429	0.8494	0.6986	0.5580
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.5000	0.1429	0.4344	0.3902	0.2284
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8506	0.0747	0.6296	0.6796	0.3505
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography	0.7840	0.0432	0.7440	0.7384	0.2290
cardiotocography-nsp	0.8920	0.0720	0.8070	0.7004	0.3640
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9924	0.0051	0.9925	0.9886	0.0280
cars	0.7000	0.2000	0.5906	0.4533	0.5780
cas_N6512_cdk_ECFP2	0.7450	0.2550	0.7429	0.4856	0.7587
cas_N6512_rdkit_ATOMPAIR	0.6785	0.3215	0.6934	0.3683	0.7944
cas_N6512_RDkit_AtomPair_FP	0.6534	0.3466	0.6537	0.3066	0.8733
cas_N6512_rdkit_AVALON	0.7419	0.2581	0.7416	0.4827	0.7614
cas_N6512_RDkit_Avalon_FP	0.7607	0.2393	0.7588	0.5173	0.7336
cas_N6512_rdkit_descriptors	0.7477	0.2523	0.7463	0.4926	0.7547
cas_N6512_rdkit_FEATMORGAN	0.7358	0.2642	0.7339	0.4678	0.7729
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.7393	0.2607	0.7371	0.4739	0.7672
cas_N6512_rdkit_MACCS	0.7650	0.2350	0.7631	0.5230	0.7193
cas_N6512_RDkit_MACCS_FP	0.7577	0.2423	0.7564	0.5127	0.7390
cas_N6512_rdkit_MORGAN	0.7246	0.2754	0.7225	0.4448	0.7888
cas_N6512_RDkit_morgan_FP	0.7592	0.2408	0.7575	0.5150	0.7367
cas_N6512_rdkit_PATTERN	0.7754	0.2246	0.7746	0.5490	0.7092
cas_N6512_RDkit_pattern_FP	0.7469	0.2531	0.7466	0.4927	0.7540
cas_N6512_rdkit_RDKITFP	0.7235	0.2765	0.7225	0.4449	0.7896
cas_N6512_rdkit_TORSION	0.7092	0.2908	0.7074	0.4149	0.8100
ccds1%	0.7940	0.2060	0.5097	0.0112	0.3685
cdc_diabetes	0.8485	0.1010	0.4249	0.2040	0.3251
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6736	0.3264	0.6617	0.3190	0.8406
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9302	0.0698	0.6408	0.2229	0.5285

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9302	0.0698	0.6880	0.3645	0.6070
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8054	0.6107	0.4619
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7579	0.2421	0.7415	0.4828	0.7506
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7704	0.1148	0.4942	0.6232	0.3001
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.2500	0.5000	0.2910	-0.0588	0.7140
cm1	0.9200	0.0800	0.7382	0.3103	0.1938
cmc	0.4762	0.3492	0.4428	0.1645	0.7594
cnae-9	0.7593	0.0535	0.7690	0.7292	0.2264
codon_usage	0.8611	0.0253	0.6700	0.8306	0.2283
coil20	0.9306	0.0069	0.9344	0.9269	0.0414
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	0.3200	0.0907	0.2751	0.2583	0.3534
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2	0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3	0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4	0.6552	0.3448	0.6009	0.1989	0.8605
colposcopies-5	0.7586	0.2414	0.6090	0.2162	0.7841
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.6552	0.3448	0.4777	-0.0432	0.9116
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons	0.5197	0.4803	0.3420	0.0000	0.5252
cottonmeloidogyne	0.7740	0.2260	0.7741	0.5481	0.7105
coupon	0.4314	0.5686	0.3014	0.0000	0.5291
covtype10%	0.7098	0.0829	0.5210	0.5229	0.4345
covtypeT	0.9429	0.0571	0.7450	0.4735	0.5177
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8811	0.0396	0.6879	0.7462	0.2867
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4062	0.0371	0.3754	0.3871	0.1119
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.7191	0.4194	0.7609
cylinder-bands	0.4630	0.5370	0.4984	-0.0026	0.9183
darwin	0.5556	0.4444	0.5570	0.1111	0.9528
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8147	0.1853	0.6859	0.3008	0.5989
defect	0.8827	0.1173	0.7477	0.4323	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9013	0.0987	0.7201	0.4163	0.5765
depressed	0.8322	0.1678	0.4542	0.0000	0.3159

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dermatology	0.9459	0.0180	0.9524	0.9327	0.0608
desharnais	0.8750	0.0833	0.9106	0.7838	0.2032
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.2500	0.5000	0.2600	-0.1163	0.7160
DIA	0.7000	0.3000	0.5625	0.1220	0.8719
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9566	0.0434	0.8457	0.6772	0.3560
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.3922	0.4052	0.3014	-0.0389	0.8329
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	0.2500	0.7500	0.3333	-0.2000	0.7988
dlbcl-nih	0.5000	0.5000	0.5000	0.0000	0.9831
dlbcl-stanford	0.6000	0.4000	0.5833	0.1667	0.9308
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.6001	0.3999	0.5968	0.1920	0.9264
dota210%	0.5689	0.4311	0.5655	0.1301	0.9537
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7652	0.1565	0.6778	0.6011	0.4577
drug-01	0.4202	0.1657	0.1676	0.0827	0.5155
drug-02	0.5106	0.1398	0.1695	0.1090	0.5257
drug-03	0.6809	0.1064	0.1570	0.0504	0.3490
drug-04	0.5213	0.1368	0.2076	0.0788	0.4360
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.2298	0.2555	0.4852
drug-07	0.4521	0.1826	0.1589	0.0622	0.3826
drug-08	0.5638	0.1246	0.2096	0.1267	0.4212
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.2216	0.1488	0.3650
drug-11	0.8511	0.0426	0.1317	0.0277	0.1222
drug-12	0.7872	0.0709	0.1468	-0.0056	0.3023
drug-13	0.6223	0.1079	0.2516	0.2348	0.3682
drug-14	0.6011	0.1140	0.2882	0.2552	0.3949
drug-15	0.7447	0.0729	0.1231	0.0221	0.2863
drug-16	0.6064	0.1312	0.3002	0.3335	0.4156
drug-17	0.3723	0.1793	0.1790	0.1241	0.4899
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7553	0.0699	0.1233	-0.0042	0.2725
drybean	0.9280	0.0206	0.9393	0.9129	0.1212
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2801	0.0397	0.8243
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6422	0.3578	0.6339	0.2624	0.8814
eeg10%	0.3266	0.0842	0.3317	0.2501	0.6333
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4110	0.2356	0.3938	0.2483	0.6120
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq10%	0.8890	0.1110	0.8897	0.7781	0.4587
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
fbis-wc	0.2683	0.0861	0.2798	0.1914	0.6250
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.1500	0.2429	0.0373	0.0000	0.3663
forest	0.8654	0.0673	0.8446	0.8133	0.1793
gas	0.9756	0.0081	0.9751	0.9704	0.0577
gastrointestinal	0.3125	0.4583	0.3971	0.0168	0.5745
gender	0.6000	0.2667	0.3792	0.1413	0.5118
gene	0.9148	0.0568	0.9031	0.8639	0.2370
german	0.7700	0.2300	0.7372	0.4390	0.6592
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.7781	0.2219	0.7792	0.5550	0.6940
glass	0.8095	0.0635	0.7302	0.7264	0.1792
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8427	0.6816	0.5635
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.2000	0.5333	0.1667	-0.1111	0.5500
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.4000	0.6000	0.3902	-0.2000	0.9308
grub-damage	0.4667	0.2667	0.5106	0.2814	0.4541
gsalc	0.0000	0.3333	0.0000	-0.2462	0.4232
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
har	0.7385	0.1046	0.7275	0.6680	0.4053
har701%	0.7655	0.0670	0.4275	0.6214	0.1800
har7010%	0.7621	0.0680	0.4177	0.6159	0.1839
harth1%	0.6575	0.0571	0.2274	0.5051	0.2265
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.8365	0.1635	0.8365	0.6729	0.5907
hepmass1%	0.8366	0.1634	0.8366	0.6731	0.5905
hERG-121inputs	0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-64inputs	0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6600	0.3400	0.6573	0.3118	0.8649
higgs1%	0.6418	0.3582	0.6388	0.2717	0.8777
higher	0.2143	0.1964	0.1273	0.0941	0.3755
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.9275	0.0725	0.8693	0.7383	0.4556
hiva	0.5461	0.4539	0.5392	0.0213	0.2185
horse	0.6111	0.2593	0.5873	0.3412	0.6284
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ht-sensor10%	0.5541	0.2972	0.5564	0.3309	0.6760
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9655	0.0172	0.6371	0.7625	0.1254
hypothyroidT	0.9416	0.0584	0.7697	0.5296	0.5154
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.8667	0.0889	0.8500	0.7973	0.2122
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8209	0.1791	0.6455	0.1720	0.5323
jvowels	0.9367	0.0141	0.9325	0.9283	0.0966
kc1	0.8436	0.1564	0.6394	0.2499	0.6882
kc1-class-level-defectiveornot	0.5333	0.4667	0.4652	-0.0606	0.9752
kc1-class-level-numericdefect	0.2308	0.3077	0.2388	0.0714	0.3248
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.5858	0.1675	0.8277
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9854	0.0022	0.6362	0.9754	0.0926
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2827	0.0797	0.2179	0.1792	0.5301
krvskp	0.9718	0.0282	0.9717	0.9435	0.1739
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0256	0.6947	0.6929	0.0823
led24	0.5500	0.0900	0.5405	0.4972	0.1989
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7150	0.0219	0.7137	0.7035	0.2710
leukemia	0.4286	0.3810	0.4000	0.1765	0.4799
leukemia2	0.4286	0.5714	0.4541	-0.0769	0.9615
libra	0.5278	0.0630	0.4974	0.4921	0.1917
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9204	0.0796	0.9148	0.8292	0.3758
localization	0.3968	0.1097	0.1672	0.1611	0.4943
localization10%	0.3926	0.1104	0.1607	0.1564	0.5065
lrs	0.7170	0.0809	0.4877	0.6045	0.2523
lung	0.4286	0.2286	0.2250	0.0968	0.4059
lung_discrete	0.0000	0.4000	0.0000	-0.1852	0.5833
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.3000	0.2800	0.1091	-0.0566	0.5619
lung-cancer-harvard2	0.6667	0.3333	0.6301	0.2174	0.6808
lung-cancer-michigan	0.4444	0.5556	0.3077	-0.2162	0.5422
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.4469	0.7255	0.1760
lymphoma2	0.2222	0.2593	0.1852	0.0455	0.2765
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5692	0.4308	0.5705	0.1385	0.9456
magic04	0.7817	0.2183	0.7523	0.4971	0.7031
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8430	0.6859	0.5749
marketing	0.1473	0.8527	0.1284	0.0000	0.3182

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
maternal	0.6337	0.2442	0.6411	0.4348	0.5369
math	0.7000	0.1500	0.6733	0.5463	0.4413
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.7217	0.2783	0.7201	0.4390	0.7902
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6667	0.1667	0.5715	0.5157	0.2144
meter-D	0.7222	0.1389	0.7726	0.6137	0.2503
mfeat-fac	0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-fou	0.8400	0.0320	0.8428	0.8222	0.1494
mfeat-kar	0.9300	0.0140	0.9303	0.9222	0.0858
mfeat-mor	0.7100	0.0580	0.7103	0.6778	0.2200
mfeat-pix	0.9150	0.0170	0.9159	0.9056	0.0985
mfeat-zer	0.8000	0.0400	0.8074	0.7778	0.1422
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8868	0.0755	0.8903	0.8293	0.2463
mines	0.5294	0.1882	0.4410	0.4093	0.3850
mobile	0.5280	0.0169	0.5661	0.5194	0.2175
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9439	0.0561	0.8862	0.7573	0.2721
MUT_ci300400a_cdk_ECFP2	0.7938	0.2062	0.7875	0.5749	0.6822
MUT_ci300400a_cdk_ECFP4	0.7796	0.2204	0.7721	0.5437	0.7068
MUT_ci300400a_cdk_ECFP6	0.7557	0.2443	0.7469	0.4929	0.7458
MUT_ci300400a_cdk_ESTATE	0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED	0.7878	0.2122	0.7817	0.5634	0.6931
MUT_ci300400a_cdk_FCFP2	0.7820	0.2180	0.7744	0.5483	0.7023
MUT_ci300400a_cdk_FCFP4	0.7626	0.2374	0.7547	0.5090	0.7358
MUT_ci300400a_cdk_FCFP6	0.7830	0.2170	0.7777	0.5554	0.7009
MUT_ci300400a_cdk_MACCS	0.7638	0.2362	0.7542	0.5044	0.7256
MUT_ci300400a_cdk_PUBCHEM	0.7653	0.2347	0.7599	0.5195	0.7303
MUT_ci300400a_cdk_STANDARD	0.7808	0.2192	0.7749	0.5497	0.7052
MUT_ci300400a_rdkit_descriptors	0.7757	0.2243	0.7700	0.5398	0.7128
myocardial	0.7941	0.0515	0.3099	0.3218	0.5096
naticusdroid	0.9628	0.0372	0.9629	0.9257	0.2123
NCI60	0.5000	0.1667	0.4375	0.4000	0.1756
nci9	0.0000	0.3333	0.0000	-0.2000	0.3654
ncRNA1%	0.8452	0.0163	0.2365	0.5421	0.5435
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6466	0.3534	0.6438	0.2867	0.8836
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9431	0.0569	0.9302	0.8604	0.3270
NPHA-doctor-visits	0.4861	0.3426	0.2694	-0.0517	0.5491
nursery	0.5818	0.2091	0.4837	0.3821	0.3069
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.8426	0.0787	0.8860	0.7659	0.2011
occupancy	0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation	0.9931	0.0035	0.9755	0.9789	0.0128
oh0-wc	0.0891	0.1822	0.1003	-0.0151	0.5660

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
oh10-wc	0.1048	0.1790	0.0598	-0.0202	0.5568
oh15-wc	0.1087	0.1783	0.1446	0.0413	0.5693
oh5-wc	0.1099	0.1780	0.1124	0.0329	0.5186
olive	0.9298	0.0156	0.8974	0.9129	0.0464
opn310k10%	0.9142	0.0858	0.6481	0.0732	0.2673
optdigits	0.9253	0.0149	0.9273	0.9169	0.1077
optdigitsZ	0.9893	0.0107	0.9678	0.9353	0.2008
orl	0.0750	0.0462	0.0463	0.0513	0.2975
orlraws10P	0.4000	0.1200	0.3224	0.3333	0.1931
ovarian-cancer	0.8400	0.1600	0.8264	0.6528	0.6022
ozone1hr	0.9684	0.0316	0.6987	0.3213	0.3858
ozone8hr	0.9170	0.0830	0.6085	0.1860	0.6144
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6804	0.3196	0.6694	0.3322	0.8261
P-Glycoprotein_c_RDkit_AtomPair_FP	0.6429	0.3571	0.6411	0.2821	0.8883
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9653	0.0139	0.8622	0.7875	0.2521
parkinson	0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.9097	0.0903	0.8879	0.7758	0.4477
particle10%	0.9100	0.0900	0.8901	0.7799	0.4523
pasture	0.2500	0.5000	0.1667	-0.2000	0.5000
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4794	0.5206	0.4817	-0.0360	0.9907
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.5658	0.4342	0.5156	0.0294	0.8633
pediatric-leukemia	0.1471	0.2437	0.1441	0.0352	0.5847
pendigits	0.9381	0.0124	0.9379	0.9312	0.0928
period	0.7778	0.2222	0.7568	0.4000	0.4011
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.9142	0.0107	0.9142	0.9084	0.1347
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	0.9966	0.0034	0.9965	0.9931	0.0249
phone-acc0.1%	0.6501	0.1000	0.6187	0.5892	0.3433
phone-acc1%	0.6826	0.0907	0.6572	0.6278	0.3081
phone-gyr0.1%	0.6152	0.1099	0.5881	0.5488	0.3796
phone-gyr1%	0.1372	0.2465	0.0345	0.0000	0.4034
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.7070	0.2930	0.7070	0.4139	0.8117
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9791	0.0139	0.9598	0.9346	0.1249
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.8421	0.1579	0.8427	0.6816	0.5635
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9303	0.0697	0.5016	0.0032	0.6276
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9152	0.0848	0.4995	-0.0011	0.6497
polish-4th	0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th	0.9289	0.0711	0.6427	0.2452	0.5666
polya	0.7838	0.2162	0.7585	0.5126	0.7044
popularity	0.6628	0.2248	0.4112	0.2026	0.4753
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7215	0.4412	0.7888

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0839	0.4188	0.3988	0.2853
profb	0.8657	0.1343	0.8497	0.6990	0.5534
promoters	0.6000	0.4000	0.5833	0.1667	0.9308
prostate	0.4286	0.5714	0.4375	-0.1200	1.0000
prostate_GE	0.3636	0.6364	0.2667	-0.3509	1.0000
puc-rio	0.8242	0.0703	0.7575	0.7611	0.2467
puc-rio10%	0.8304	0.0678	0.7595	0.7699	0.2410
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.1133	0.1364	0.0760	0.0381	0.6105
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.5322	0.0633	0.9722
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6096	0.3904	0.5811	0.1576	0.9222
satimage	0.8351	0.0550	0.7881	0.7940	0.1940
satimageF	0.9844	0.0156	0.9595	0.9188	0.1877
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.5714	0.1714	0.4346	0.4474	0.2170
schiller	0.6667	0.3333	0.7404	0.3721	0.5239
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.7756	0.2244	0.5666	0.0972	0.5056
secondary_mushroom	0.6468	0.3532	0.6466	0.2920	0.8788
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9221	0.0223	0.9300	0.9089	0.0922
segmentation	0.8317	0.1683	0.8132	0.6238	0.6116
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8478	0.1522	0.4588	-0.0334	0.6425
sens-2-gram	0.8395	0.1605	0.5160	0.0244	0.7353
sens-3-gram	0.8553	0.1447	0.5860	0.1406	0.6882
sens-4-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8632	0.1368	0.6105	0.1780	0.6520
sens-7-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-8-gram	0.8263	0.1737	0.5624	0.1206	0.7656
sens-9-gram	0.8474	0.1526	0.5114	0.0143	0.6901
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8856	0.1144	0.7440	0.4269	0.4764
shuttle	0.9331	0.0191	0.5089	0.7930	0.1905
sick	0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9189	0.0811	0.8780	0.7558	0.4664
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.3000	0.3500	0.3043	0.0612	0.7915
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.6835	0.1055	0.6340	0.5915	0.2159
sonar	0.4500	0.5500	0.4475	-0.1000	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
soybean	0.6912	0.0325	0.7967	0.6595	0.1197
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9065	0.0935	0.9020	0.8009	0.3957
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.1923	0.0598	0.1351	0.1455	0.2993
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles	0.8200	0.1800	0.8030	0.5959	0.6085
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5385	0.5455	0.2005
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7540	0.1640	0.7010	0.5992	0.4695
steel-b	0.8308	0.1692	0.7118	0.3990	0.6566
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.7744	0.2256	0.7417	0.4507	0.6572
steel-p	0.9385	0.0615	0.7734	0.5390	0.5226
steel-s	0.9744	0.0256	0.8470	0.6925	0.4821
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9028	0.0972	0.8270	0.6505	0.5175
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6300	0.1480	0.3375	0.3824	0.4036
student-depression	0.8337	0.1663	0.8275	0.6541	0.5993
student-habits	0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend	0.3385	0.2646	0.2131	0.0848	0.7165
student-workday	0.6719	0.1313	0.1703	0.1323	0.4615
studentap	0.4615	0.3590	0.4605	0.1574	0.6486
susy1%	0.7944	0.2056	0.7941	0.5801	0.6514
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9891	0.0020	0.9894	0.9880	0.0146
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.6418	0.3582	0.5806	0.1557	0.8435
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.3232	0.0512	0.6026
toxicity	0.3529	0.6471	0.3547	-0.2721	0.9864
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.3171	0.1518	0.2544	0.1910	0.4458
trec12-wc	0.2581	0.1855	0.1270	0.0929	0.5120
trec21-wc	0.3939	0.2424	0.1300	0.0193	0.6901
trec23-wc	0.3810	0.2063	0.2745	0.2244	0.3535
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0909	0.1818	0.0630	0.0194	0.5531
trec45-wc	0.1449	0.1710	0.0620	0.0148	0.5728
tuandromd	0.9731	0.0269	0.9576	0.9143	0.1802
turkish	0.8250	0.0875	0.8254	0.7667	0.2708
tvnews1%	0.9077	0.0923	0.9035	0.8052	0.4246

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews10%	0.9013	0.0987	0.8930	0.7851	0.4340
ur3_cobotops_grip	0.9660	0.0340	0.4913	-0.0026	0.2839
ur3_cobotops_stop	0.9646	0.0354	0.6787	0.0690	0.1045
urban	0.6119	0.0862	0.4889	0.5436	0.3195
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
vehicle	0.7381	0.1310	0.7251	0.6515	0.2363
vehicleVAN	0.9643	0.0357	0.9523	0.9000	0.1262
voice	0.3333	0.6667	0.4179	-0.0909	0.8322
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5152	0.0882	0.4616	0.4667	0.2174
vowelZ	0.9697	0.0303	0.9260	0.8406	0.4011
warpar10p	0.1538	0.1692	0.0558	0.0403	0.3224
warppie10p	0.1905	0.1619	0.1805	0.0916	0.3955
watch-acc1%	0.6035	0.1133	0.5899	0.5352	0.4405
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr1%	0.5680	0.1234	0.5536	0.4948	0.4395
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8500	0.1000	0.8502	0.7750	0.3520
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8222	0.1185	0.6635	0.6687	0.3896
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9752	0.0248	0.8526	0.6876	0.2866
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6038	0.1321	0.2773	0.3435	0.3787
winequality-white	0.5194	0.1602	0.2846	0.2123	0.4573
wisc_bc	0.9474	0.0526	0.9478	0.8902	0.2605
yale	0.0000	0.1333	0.0000	-0.0667	0.4078
yeast	0.4662	0.1068	0.2929	0.3095	0.4105
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.8785	0.0243	0.8690	0.8636	0.1694

Table 305: Detailed results for GLM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1880	0.0773	0.1408	0.1086	0.5187
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9299	0.0701	0.8508	0.7011	0.4792
adult	0.8462	0.1538	0.7749	0.5441	0.6291
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1431_KlekotaRothFingerprinter	0.4365	0.5635	0.4626	-0.0323	0.4243
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.7619	0.2381	0.5083	0.0150	0.8330
AID_602330	0.9115	0.0885	0.4768	-0.0462	0.6061
AID_652128	0.8586	0.0943	0.3697	0.1250	0.5803
AID1284Morered	0.6389	0.3611	0.6489	0.2148	0.5726
AID1284red	0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered	0.6796	0.3204	0.5401	0.0476	0.4468
AID1608red	0.8835	0.1165	0.5417	0.0817	0.6371
AID362red	0.9813	0.0187	0.5988	0.1909	0.5648
AID439Morered	0.5714	0.4286	0.6818	0.2222	0.4422
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.4500	0.5500	0.3103	-0.3750	0.9873
AID644red	0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9967	0.0033	0.4992	-0.0006	0.3287
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.5303	0.0526	0.7987
AID721red	0.7778	0.2222	0.6786	0.3571	0.7720
aids	0.8592	0.1408	0.7963	0.5801	0.5679
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8095	0.0762	0.4610	0.5526	0.1773
all-aml	0.6667	0.3333	0.7500	0.4000	0.5283
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.9775	0.0090	0.9742	0.9538	0.1270
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9875	0.0125	0.4969	-0.0056	0.5615
anuran-family	0.9569	0.0216	0.9197	0.9172	0.1877
anuran-genus	0.9680	0.0080	0.9128	0.9470	0.1484
anuran-species	0.9819	0.0036	0.9664	0.9749	0.0587
anxiety	0.0917	0.2019	0.0858	-0.0240	0.8062
apple-quality	0.7300	0.2700	0.7307	0.4600	0.7760
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.0080	0.9920	0.0079	-0.0001	0.0232
arcene	0.6000	0.4000	0.6021	0.2000	0.9053
arrhythmia	0.4444	0.1111	0.1718	0.1170	0.4060
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.7273	0.0496	0.6329	0.6796	0.1024
audit-risk	0.9231	0.0769	0.9229	0.8339	0.2435
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.9857	0.0143	0.9825	0.9645	0.1355
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.9000	0.0333	0.7655	0.8680	0.0918

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
avila	0.5688	0.0719	0.4801	0.3630	0.4062
babies	0.4274	0.1636	0.1396	0.0948	0.4943
balance	0.8871	0.0753	0.7647	0.8002	0.3634
bank	0.9107	0.0893	0.7485	0.4853	0.5697
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.5226	0.4774	0.5227	0.0453	0.9864
bio10%	0.9966	0.0034	0.9154	0.8259	0.3982
biodeg	0.8571	0.1429	0.8494	0.6986	0.5580
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9856	0.0041	0.1418	-0.0004	0.1106
bitcoin10%	0.9858	0.0026	0.0903	-0.0000	0.0318
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.7500	0.7778	0.0704
bridges	0.6000	0.1143	0.5419	0.5122	0.2589
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9023	0.0489	0.8992	0.7938	0.2565
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography	0.8498	0.0300	0.7790	0.8198	0.1843
cardiotocography-nsp	0.8873	0.0751	0.7948	0.6979	0.4051
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9924	0.0051	0.9924	0.9886	0.0308
cars	0.6750	0.2167	0.5432	0.4292	0.5788
cas_N6512_cdk_ECFP2	0.7450	0.2550	0.7429	0.4856	0.7587
cas_N6512_rdkit_ATOMPAIR	0.6923	0.3077	0.6946	0.3865	0.8227
cas_N6512_RDkit_AtomPair_FP	0.6580	0.3420	0.6544	0.3078	0.8715
cas_N6512_rdkit_AVALON	0.7419	0.2581	0.7416	0.4827	0.7614
cas_N6512_RDkit_Avalon_FP	0.7607	0.2393	0.7588	0.5173	0.7336
cas_N6512_rdkit_descriptors	0.7477	0.2523	0.7463	0.4926	0.7547
cas_N6512_rdkit_FEATMORGAN	0.7358	0.2642	0.7339	0.4678	0.7729
cas_N6512_RDkit_Featmorgan_FP	0.7454	0.2546	0.7433	0.4863	0.7579
cas_N6512_RDkit_FP	0.7132	0.2868	0.7109	0.4215	0.8046
cas_N6512_rdkit_LAYERED	0.7523	0.2477	0.7512	0.5023	0.7473
cas_N6512_RDkit_Layered_FP	0.7393	0.2607	0.7371	0.4739	0.7672
cas_N6512_rdkit_MACCS	0.7650	0.2350	0.7631	0.5230	0.7193
cas_N6512_RDkit_MACCS_FP	0.7577	0.2423	0.7564	0.5127	0.7390
cas_N6512_rdkit_MORGAN	0.7246	0.2754	0.7225	0.4448	0.7888
cas_N6512_RDkit_morgan_FP	0.7592	0.2408	0.7575	0.5150	0.7367
cas_N6512_rdkit_PATTERN	0.7754	0.2246	0.7746	0.5490	0.7092
cas_N6512_RDkit_pattern_FP	0.7469	0.2531	0.7466	0.4927	0.7540
cas_N6512_rdkit_RDKITFP	0.7235	0.2765	0.7225	0.4449	0.7896
cas_N6512_rdkit_TORSION	0.7092	0.2908	0.7074	0.4149	0.8100
ccds1%	0.7940	0.2060	0.5097	0.0112	0.3685
cdc_diabetes	0.8485	0.1010	0.4248	0.2036	0.3248
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6736	0.3264	0.6617	0.3190	0.8406
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9302	0.0698	0.6408	0.2229	0.5285

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-C	0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H	0.9302	0.0698	0.6880	0.3645	0.6070
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8054	0.6107	0.4619
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7579	0.2421	0.7415	0.4828	0.7506
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.5039	0.4604	0.6222
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8019	0.0991	0.5619	0.6893	0.3164
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5833	0.2778	0.5943	0.3478	0.5924
cm1	0.9200	0.0800	0.7382	0.3103	0.1938
cmc	0.4966	0.3356	0.4709	0.2006	0.7442
cnae-9	0.7130	0.0638	0.7151	0.6771	0.2723
codon_usage	0.0138	0.1793	0.0025	0.0000	0.3570
coil20	0.4931	0.0507	0.4687	0.4664	0.2956
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	0.5600	0.0587	0.3842	0.5111	0.1487
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2	0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3	0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4	0.6552	0.3448	0.6009	0.1989	0.8605
colposcopies-5	0.7586	0.2414	0.6090	0.2162	0.7841
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.6552	0.3448	0.4777	-0.0432	0.9116
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne	0.7740	0.2260	0.7741	0.5481	0.7105
coupon	0.6806	0.3194	0.6710	0.3404	0.8477
covtype10%	0.6009	0.1140	0.5269	0.3814	0.4222
covtypeCD	0.9473	0.0527	0.8832	0.7637	0.3778
covtypeT	0.9423	0.0577	0.7419	0.4665	0.5197
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9014	0.0329	0.8046	0.7920	0.2693
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.7188	0.0176	0.6656	0.7097	0.0514
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.5556	0.4444	0.5303	0.0526	0.9308
cylinder-bands	0.4630	0.5370	0.4984	-0.0026	0.9183
darwin	0.5556	0.4444	0.5570	0.1111	0.9528
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8147	0.1853	0.6859	0.3008	0.5989
defect	0.8827	0.1173	0.7477	0.4323	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9013	0.0987	0.7201	0.4163	0.5765
depressed	0.8322	0.1678	0.4542	0.0000	0.3159

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dermatology	0.9189	0.0270	0.9330	0.8993	0.0477
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.2500	0.5000	0.2600	-0.1163	0.7160
DIA	0.7167	0.2833	0.6138	0.2273	0.8427
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9566	0.0434	0.8457	0.6772	0.3560
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%	0.5000	0.3333	0.4021	0.1429	0.7482
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	0.2500	0.7500	0.3333	-0.2000	0.7988
dlbcl-nih	0.5000	0.5000	0.5000	0.0000	0.9831
dlbcl-stanford	0.6000	0.4000	0.5833	0.1667	0.9308
dna0.1%	0.9928	0.0072	0.5527	0.0967	0.4539
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.6001	0.3999	0.5968	0.1920	0.9264
dota210%	0.5689	0.4311	0.5655	0.1301	0.9537
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7698	0.1535	0.6900	0.6134	0.4606
drug-01	0.4149	0.1672	0.1842	0.0935	0.5587
drug-02	0.5213	0.1368	0.1907	0.1249	0.5357
drug-03	0.6596	0.1135	0.1538	0.0143	0.4244
drug-04	0.5106	0.1398	0.1809	0.0873	0.6172
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3989	0.1717	0.2139	0.2334	0.5615
drug-07	0.4468	0.1844	0.1551	0.0531	0.3825
drug-08	0.5585	0.1261	0.1812	0.1133	0.4257
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.2199	0.1420	0.3665
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7872	0.0709	0.1468	-0.0056	0.3023
drug-13	0.6117	0.1109	0.1778	0.2366	0.4034
drug-14	0.5957	0.1155	0.2588	0.2394	0.4885
drug-15	0.7500	0.0714	0.1232	0.0152	0.2713
drug-16	0.5904	0.1365	0.2878	0.3016	0.4152
drug-17	0.3564	0.1839	0.1637	0.1063	0.5345
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7553	0.0699	0.1229	-0.0198	0.2767
drybean	0.9287	0.0204	0.9403	0.9138	0.1183
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2596	0.0140	0.8437
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.6422	0.3578	0.6339	0.2624	0.8814
eeg10%	0.3587	0.0802	0.3686	0.2904	0.6421
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6438	0.1425	0.6123	0.5446	0.4256
euthyroid	0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%	0.8890	0.1110	0.8897	0.7781	0.4587
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
fbis-wc	0.1829	0.0961	0.1626	0.1213	0.6926
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.1500	0.2429	0.0373	0.0000	0.3663
forest	0.8846	0.0577	0.8582	0.8402	0.1644
gas	0.9885	0.0038	0.9887	0.9860	0.0288
gastrointestinal	0.4375	0.3750	0.4066	0.0336	0.6951
gender	0.6000	0.2667	0.3792	0.1413	0.5118
gene	0.9022	0.0652	0.8914	0.8437	0.2736
german	0.7700	0.2300	0.7372	0.4390	0.6592
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.7781	0.2219	0.7792	0.5550	0.6940
glass	0.6667	0.1111	0.6535	0.5392	0.2860
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8427	0.6816	0.5635
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.5333	0.1667	-0.1111	0.5500
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.4000	0.6000	0.3902	-0.2000	0.9308
grub-damage	0.4667	0.2667	0.3787	0.2500	0.4753
gsalc	0.2222	0.2593	0.1667	0.0735	0.4364
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
har	0.2844	0.2862	0.0886	0.0000	0.3861
har701%	0.7739	0.0646	0.4351	0.6345	0.1650
har7010%	0.7708	0.0655	0.4261	0.6292	0.1645
harth1%	0.6768	0.0539	0.2650	0.5406	0.2399
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8366	0.1634	0.8366	0.6731	0.5905
hERG-121inputs	0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-64inputs	0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6600	0.3400	0.6573	0.3118	0.8649
higgs1%	0.6418	0.3582	0.6388	0.2717	0.8777
higher	0.1429	0.2143	0.0500	-0.0120	0.4035
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.9275	0.0725	0.8693	0.7383	0.4556
hiva	0.5674	0.4326	0.5281	0.0159	0.2274
horse	0.6944	0.2037	0.6725	0.4560	0.5235
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.5846	0.2769	0.5882	0.3741	0.6473

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9788	0.0106	0.6932	0.8623	0.0791
hypothyroidT	0.9310	0.0690	0.7495	0.4985	0.5893
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8209	0.1791	0.6455	0.1720	0.5323
jvowels	0.9548	0.0100	0.9522	0.9488	0.0729
kc1	0.8436	0.1564	0.6394	0.2499	0.6882
kc1-class-level-defectiveornot	0.5333	0.4667	0.4652	-0.0606	0.9752
kc1-class-level-numericdefect	0.4615	0.2154	0.3055	0.2155	0.3003
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.5858	0.1675	0.8277
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9978	0.0003	0.8227	0.9962	0.0251
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2870	0.0792	0.2484	0.1918	0.6019
krvskp	0.9718	0.0282	0.9717	0.9435	0.1739
la1s-wc	0.1937	0.2688	0.1815	0.0246	0.7449
la2s-wc	0.3079	0.2307	0.1319	0.0273	0.4710
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0230	0.7486	0.7231	0.0741
led24	0.4000	0.1200	0.3492	0.3296	0.2668
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8355	0.0127	0.8353	0.8288	0.1695
leukemia	0.5714	0.2857	0.5490	0.4000	0.1871
leukemia2	0.4286	0.5714	0.4541	-0.0769	0.9615
libra	0.3056	0.0926	0.2910	0.2556	0.3078
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9204	0.0796	0.9148	0.8292	0.3758
localization	0.4313	0.1034	0.1752	0.2090	0.5097
localization10%	0.4169	0.1060	0.1785	0.1877	0.4998
lrs	0.6226	0.1078	0.4953	0.4804	0.3555
lung	0.3333	0.2667	0.1120	-0.0769	0.6293
lung_discrete	0.2500	0.3000	0.1500	0.0769	0.3344
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.5500	0.1800	0.4742	0.2653	0.4801
lung-cancer-harvard2	0.6667	0.3333	0.6301	0.2174	0.6808
lung-cancer-michigan	0.4444	0.5556	0.3077	-0.2162	0.5422
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.9286	0.0357	0.7135	0.8716	0.1130
lymphoma2	0.5556	0.1481	0.5385	0.4000	0.3000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5692	0.4308	0.5705	0.1385	0.9456
magic04	0.7817	0.2183	0.7523	0.4971	0.7031
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8430	0.6859	0.5749
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6040	0.2640	0.6025	0.3915	0.5826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
math	0.8000	0.1000	0.7475	0.6926	0.3524
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.7217	0.2783	0.7201	0.4390	0.7902
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.6637	0.7621	0.1359
meter-D	0.8333	0.0833	0.8451	0.7682	0.1516
mfeat-fac	0.9700	0.0060	0.9711	0.9667	0.0353
mfeat-fou	0.8100	0.0380	0.8172	0.7889	0.1751
mfeat-kar	0.9650	0.0070	0.9655	0.9611	0.0445
mfeat-mor	0.7100	0.0580	0.7120	0.6778	0.2055
mfeat-pix	0.9100	0.0180	0.9127	0.9000	0.1055
mfeat-zer	0.7950	0.0410	0.8045	0.7722	0.1354
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9151	0.0566	0.9152	0.8712	0.1964
mines	0.5000	0.2000	0.4355	0.3738	0.4046
mobile	0.6224	0.0135	0.6412	0.6155	0.1663
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9439	0.0561	0.8862	0.7573	0.2721
MUT_ci300400a_cdk_ECFP2	0.7938	0.2062	0.7875	0.5749	0.6822
MUT_ci300400a_cdk_ECFP4	0.7796	0.2204	0.7721	0.5437	0.7068
MUT_ci300400a_cdk_ECFP6	0.7557	0.2443	0.7469	0.4929	0.7458
MUT_ci300400a_cdk_ESTATE	0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED	0.7878	0.2122	0.7817	0.5634	0.6931
MUT_ci300400a_cdk_FCFP2	0.7820	0.2180	0.7744	0.5483	0.7023
MUT_ci300400a_cdk_FCFP4	0.7626	0.2374	0.7547	0.5090	0.7358
MUT_ci300400a_cdk_FCFP6	0.7830	0.2170	0.7777	0.5554	0.7009
MUT_ci300400a_cdk_MACCS	0.7638	0.2362	0.7542	0.5044	0.7256
MUT_ci300400a_cdk_PUBCHEM	0.7593	0.2407	0.7495	0.4964	0.7363
MUT_ci300400a_cdk_STANDARD	0.7808	0.2192	0.7749	0.5497	0.7052
MUT_ci300400a_rdkit_descriptors	0.7757	0.2243	0.7700	0.5398	0.7128
myocardial	0.8353	0.0412	0.2036	0.1422	0.4250
naticusdroid	0.9628	0.0372	0.9629	0.9257	0.2123
NCI60	0.3333	0.2222	0.2857	0.2000	0.2042
nci9	0.3333	0.2222	0.2667	0.2000	0.2258
ncRNA1%	0.8854	0.0121	0.3331	0.6668	0.4183
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6466	0.3534	0.6438	0.2867	0.8836
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9431	0.0569	0.9302	0.8604	0.3270
NPHA-doctor-visits	0.4722	0.3519	0.2765	-0.0560	0.7093
nursery	0.9329	0.0336	0.8991	0.9014	0.1395
obesity	0.1659	0.2383	0.0406	0.0000	0.3993
obs	0.8981	0.0509	0.9259	0.8470	0.1467
occupancy	0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation	0.9941	0.0030	0.9800	0.9820	0.0287
oh0-wc	0.1782	0.1644	0.1695	0.0826	0.7018
oh10-wc	0.0952	0.1810	0.0841	-0.0081	0.7750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
oh15-wc	0.0435	0.1913	0.0463	-0.0476	0.7432
oh5-wc	0.1319	0.1736	0.1110	0.0288	0.7218
olive	0.9474	0.0117	0.9141	0.9348	0.0376
opn310k10%	0.9142	0.0858	0.6481	0.0732	0.2673
optdigits	0.9715	0.0057	0.9725	0.9683	0.0423
optdigitsZ	0.9893	0.0107	0.9678	0.9353	0.2008
orl	0.2000	0.0400	0.1554	0.1795	0.1645
orlraws10P	0.5000	0.1000	0.4595	0.4444	0.1473
ovarian-cancer	0.8400	0.1600	0.8264	0.6528	0.6022
ozone1hr	0.9684	0.0316	0.6987	0.3213	0.3858
ozone8hr	0.9170	0.0830	0.6085	0.1860	0.6144
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6804	0.3196	0.6694	0.3322	0.8261
P-Glycoprotein_c_RDkit_AtomPair_FP	0.6429	0.3571	0.6411	0.2821	0.8883
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9689	0.0124	0.8810	0.8136	0.2493
parkinson	0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons	0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.9097	0.0903	0.8879	0.7758	0.4477
particle10%	0.9100	0.0900	0.8901	0.7799	0.4523
pasture	0.7500	0.1667	0.5714	0.6000	0.1321
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4794	0.5206	0.4817	-0.0360	0.9907
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.5658	0.4342	0.5156	0.0294	0.8633
pediatric-leukemia	0.1176	0.2521	0.1409	-0.0149	0.6655
pendigits	0.9736	0.0053	0.9740	0.9707	0.0426
period	0.7778	0.2222	0.7568	0.4000	0.4011
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.9508	0.0061	0.9508	0.9476	0.0835
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	0.9966	0.0034	0.9965	0.9931	0.0249
phone-acc0.1%	0.7060	0.0840	0.6865	0.6559	0.2769
phone-acc1%	0.7419	0.0738	0.7165	0.6979	0.2261
phone-gyr0.1%	0.7006	0.0855	0.6724	0.6491	0.2825
phone-gyr1%	0.7373	0.0751	0.7086	0.6924	0.2306
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.7070	0.2930	0.7070	0.4139	0.8117
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9909	0.0061	0.9844	0.9713	0.0764
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.8421	0.1579	0.8427	0.6816	0.5635
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.0939	0.9061	0.4945	-0.0011	0.1286
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9152	0.0848	0.4995	-0.0011	0.6497
polish-4th	0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th	0.9289	0.0711	0.6427	0.2452	0.5666
polya	0.7838	0.2162	0.7585	0.5126	0.7044
popularity	0.6633	0.2245	0.4431	0.2082	0.5017
post-operative	0.4444	0.3704	0.2051	-0.1538	0.2170
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7215	0.4412	0.7888
prestige	0.8889	0.0741	0.8889	0.8302	0.1290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
primary-tumor	0.4242	0.0886	0.3468	0.3556	0.3273
profb	0.8657	0.1343	0.8497	0.6990	0.5534
promoters	0.6000	0.4000	0.5833	0.1667	0.9308
prostate	0.4286	0.5714	0.4375	-0.1200	1.0000
prostate_GE	0.3636	0.6364	0.2667	-0.3509	1.0000
puc-rio	0.8495	0.0602	0.8074	0.7976	0.2383
puc-rio10%	0.8552	0.0579	0.8043	0.8056	0.2400
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.3867	0.0944	0.2942	0.2778	0.6736
re1-wc	0.0060	0.0795	0.0005	0.0000	0.3636
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.5418	0.0834	0.9705
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6096	0.3904	0.5811	0.1576	0.9222
satimage	0.8616	0.0461	0.8329	0.8289	0.2044
satimageF	0.9844	0.0156	0.9595	0.9188	0.1877
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.7143	0.1143	0.4800	0.6111	0.1006
schiller	0.6667	0.3333	0.7404	0.3721	0.5239
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.7756	0.2244	0.5666	0.0972	0.5056
secondary_mushroom	0.6425	0.3575	0.6428	0.2842	0.8823
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9567	0.0124	0.9600	0.9494	0.0693
segmentation	0.8317	0.1683	0.8132	0.6238	0.6116
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8399	0.1601	0.4565	-0.0459	0.7027
sens-2-gram	0.8395	0.1605	0.5160	0.0244	0.7353
sens-3-gram	0.8553	0.1447	0.5860	0.1406	0.6882
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8632	0.1368	0.6105	0.1780	0.6520
sens-7-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram	0.7421	0.2579	0.5854	0.1575	0.7097
sens-9-gram	0.1553	0.8447	0.4925	-0.0018	0.3389
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8856	0.1144	0.7440	0.4269	0.4764
shuttle	0.9695	0.0087	0.7130	0.9118	0.1765
sick	0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9189	0.0811	0.8780	0.7558	0.4664
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2200	0.3900	0.1882	-0.0473	0.7925
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7554	0.0815	0.5916	0.6847	0.1873
sonar	0.4500	0.5500	0.4475	-0.1000	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
soybean	0.8529	0.0155	0.9122	0.8387	0.0323
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9065	0.0935	0.9020	0.8009	0.3957
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.2692	0.0541	0.2519	0.2335	0.2367
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles	0.8200	0.1800	0.8030	0.5959	0.6085
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	0.6000	0.2667	0.4706	0.2857	0.2642
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7591	0.1606	0.7105	0.6093	0.4650
steel-b	0.8308	0.1692	0.7118	0.3990	0.6566
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.7744	0.2256	0.7417	0.4507	0.6572
steel-p	0.9385	0.0615	0.7734	0.5390	0.5226
steel-s	0.9744	0.0256	0.8470	0.6925	0.4821
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9028	0.0972	0.8270	0.6505	0.5175
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.5520	0.4480	0.3557	0.0000	0.5174
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6350	0.1460	0.3587	0.3955	0.4006
student-depression	0.8340	0.1659	0.8279	0.6549	0.5987
student-habits	0.4100	0.2360	0.1886	0.0638	0.4631
student-weekend	0.4154	0.2338	0.4004	0.1978	0.5716
student-workday	0.7031	0.1187	0.2369	0.1784	0.4297
studentap	0.4615	0.3590	0.4444	0.1727	0.7770
susy1%	0.7944	0.2056	0.7941	0.5801	0.6514
tae	0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	1.0000	0.0000	1.0000	1.0000	0.0000
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.6418	0.3582	0.5806	0.1557	0.8435
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.4118	0.2941	0.4525	0.2093	0.5052
toxicity	0.3529	0.6471	0.3547	-0.2721	0.9864
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.1707	0.1843	0.1532	0.0651	0.5624
trec12-wc	0.2581	0.1855	0.2495	0.1347	0.5386
trec21-wc	0.4242	0.2303	0.2124	0.0427	0.6962
trec23-wc	0.3810	0.2063	0.1758	0.0960	0.4628
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.1364	0.1727	0.1008	0.0209	0.6706
trec45-wc	0.2609	0.1478	0.2347	0.1567	0.5480
tuandromd	0.9731	0.0269	0.9576	0.9143	0.1802
turkish	0.7500	0.1250	0.7574	0.6667	0.3238
tvnews1%	0.9077	0.0923	0.9035	0.8052	0.4246

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews10%	0.9013	0.0987	0.8930	0.7851	0.4340
ur3_cobotops_grip	0.9660	0.0340	0.4913	-0.0026	0.2839
ur3_cobotops_stop	0.9646	0.0354	0.6787	0.0690	0.1045
urban	0.4179	0.1294	0.4021	0.3165	0.4277
urinalysis	0.9231	0.0769	0.6136	0.2263	0.6500
vehicle	0.7619	0.1190	0.7538	0.6830	0.2312
vehicleVAN	0.9643	0.0357	0.9523	0.9000	0.1262
voice	0.3333	0.6667	0.4179	-0.0909	0.8322
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5354	0.0845	0.5330	0.4889	0.2545
vowelZ	0.9697	0.0303	0.9260	0.8406	0.4011
warpar10p	0.2308	0.1538	0.2500	0.1503	0.2687
warppie10p	0.1905	0.1619	0.1764	0.0939	0.3653
watch-acc1%	0.6747	0.0930	0.6627	0.6190	0.3502
watch-gyr1%	0.6949	0.0872	0.6836	0.6433	0.3164
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8360	0.1093	0.8361	0.7540	0.3760
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8000	0.1333	0.6333	0.6379	0.5164
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9752	0.0248	0.8526	0.6876	0.2866
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5786	0.1405	0.2667	0.3130	0.4541
winequality-white	0.5337	0.1554	0.3228	0.2519	0.5312
wisc_bc	0.9474	0.0526	0.9478	0.8902	0.2605
yale	0.2500	0.1000	0.2489	0.1967	0.1987
yeast	0.5000	0.1000	0.3235	0.3540	0.3475
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9183	0.0163	0.9122	0.9083	0.1181

Table 306: Detailed results for GLMNET

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1904	0.0771	0.1399	0.1045	0.4744
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9816	0.0184	0.4953	-0.0012	0.2266
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9787	0.0213	0.9547	0.9073	0.1433
adult	0.8466	0.1534	0.7753	0.5448	0.6275
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
aids	0.8545	0.1455	0.7886	0.5630	0.5768
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7810	0.0876	0.3200	0.4759	0.2278
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9388	0.0306	0.6880	0.8819	0.1718
anuran-genus	0.9569	0.0108	0.8907	0.9288	0.1774
anuran-species	0.9681	0.0064	0.9333	0.9555	0.0632
anxiety	0.0833	0.2037	0.0849	-0.0346	0.8090
apple-quality	0.7300	0.2700	0.7307	0.4600	0.7760
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.6875	0.3750	0.8278
arrhythmia	0.7111	0.0578	0.3831	0.5017	0.2255
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autos	0.9000	0.0333	0.7526	0.8667	0.0771
avila	0.5577	0.0737	0.4266	0.3454	0.3628
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8871	0.0753	0.7647	0.8002	0.3634
bank	0.9121	0.0879	0.7521	0.4915	0.5614
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8936	0.7752	0.3591
basehock	0.9698	0.0302	0.9699	0.9397	0.1798
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8682	0.7362	0.5083
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.5503	0.6774	0.1083
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8736	0.0632	0.7542	0.7301	0.2958
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography	0.8310	0.0338	0.7623	0.7976	0.2170
cardiotocography-nsp	0.8967	0.0689	0.8082	0.7183	0.3598
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5390	0.4077	0.6057
cas_N6512_cdk_ECFP2	0.7496	0.2504	0.7474	0.4943	0.7510
cas_N6512_rdkit_ATOMPAIR	0.7200	0.2800	0.7175	0.4342	0.7944
cas_N6512_RDkit_AtomPair_FP	0.7423	0.2577	0.7400	0.4782	0.7591
cas_N6512_rdkit_AVALON	0.7803	0.2197	0.7787	0.5574	0.7013
cas_N6512_RDkit_Avalon_FP	0.7975	0.2025	0.7975	0.5942	0.6680
cas_N6512_rdkit_descriptors	0.7462	0.2538	0.7448	0.4896	0.7570
cas_N6512_rdkit_FEATMORGAN	0.7465	0.2535	0.7443	0.4878	0.7554
cas_N6512_RDkit_Featmorgan_FP	0.7791	0.2209	0.7777	0.5555	0.7034
cas_N6512_RDkit_FP	0.7469	0.2531	0.7448	0.4891	0.7551
cas_N6512_rdkit_LAYERED	0.7677	0.2323	0.7671	0.5338	0.7216
cas_N6512_RDkit_Layered_FP	0.7745	0.2255	0.7727	0.5450	0.7103
cas_N6512_rdkit_MACCS	0.7542	0.2458	0.7521	0.5013	0.7379
cas_N6512_RDkit_MACCS_FP	0.7638	0.2362	0.7631	0.5259	0.7282
cas_N6512_rdkit_MORGAN	0.7862	0.2138	0.7844	0.5682	0.6894
cas_N6512_RDkit_morgan_FP	0.7807	0.2193	0.7794	0.5589	0.7007
cas_N6512_rdkit_PATTERN	0.7846	0.2154	0.7836	0.5671	0.6936
cas_N6512_RDkit_pattern_FP	0.7745	0.2255	0.7740	0.5476	0.7101
cas_N6512_rdkit_RDKITFP	0.7680	0.2320	0.7664	0.5327	0.7220
cas_N6512_rdkit_TORSION	0.7308	0.2692	0.7290	0.4579	0.7802
ccds1%	0.9615	0.0385	0.6405	0.2087	0.4517
cdc_diabetes	0.8481	0.1013	0.4223	0.1921	0.3213
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7876	0.2124	0.7681	0.5361	0.7070
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9995	0.0005	0.8628	0.7181	0.2800
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8143	0.6282	0.4387
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6947	0.3053	0.6590	0.2941	0.8009
circles	0.9940	0.0001	0.9946	0.9939	0.0024
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8000	0.1000	0.5570	0.6859	0.3144
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4830	0.3447	0.4501	0.1808	0.7568
cnae-9	0.9815	0.0041	0.9822	0.9792	0.0206
codon_usage	0.8695	0.0237	0.6851	0.8413	0.2300
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.7000	0.0400	0.6481	0.6683	0.1551
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2	0.6207	0.3793	0.5402	0.0420	0.7669
colposcopies-3	0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4	0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.7586	0.2414	0.5904	0.1288	0.7232
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
cottonmeloidogyne	0.7692	0.2308	0.7693	0.5385	0.7187
coupon	0.6901	0.3099	0.6804	0.3585	0.8349
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9453	0.0547	0.8778	0.7516	0.3775
covtypeT	0.9418	0.0582	0.7394	0.4617	0.5233
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8912	0.0363	0.7271	0.7706	0.2914
cryotherapy	0.7778	0.2222	0.7750	0.5500	0.7072
cultivars	0.4688	0.0332	0.3931	0.4516	0.0974
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7222	0.2778	0.7129	0.4088	0.7593
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8133	0.1867	0.6829	0.2918	0.5971
defect	0.8858	0.1142	0.7564	0.4416	0.4305
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9013	0.0987	0.7201	0.4163	0.5765

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.5238	0.5000	0.3294
DIA	0.7333	0.2667	0.6444	0.2889	0.8189
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9571	0.0429	0.8464	0.6727	0.3200
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5588	0.2941	0.3546	0.0648	0.4110
diabetic10%	0.5717	0.2855	0.3694	0.1207	0.4807
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.7917	0.2083	0.7869	0.5522	0.6216
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.6004	0.3997	0.5971	0.1923	0.9257
dota210%	0.5670	0.4330	0.5636	0.1264	0.9553
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7652	0.1565	0.6826	0.6058	0.4654
drug-01	0.4096	0.1687	0.1908	0.0387	0.3677
drug-02	0.5053	0.1413	0.1150	0.0164	0.3793
drug-03	0.6862	0.1046	0.1361	0.0024	0.2682
drug-04	0.5160	0.1383	0.1741	0.0293	0.3778
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2071	0.2765	0.4004
drug-07	0.4628	0.1791	0.1694	0.0723	0.3483
drug-08	0.5638	0.1246	0.2197	0.0339	0.2597
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.1501	0.1199	0.3540
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1794	0.2533	0.3233
drug-14	0.5957	0.1155	0.2352	0.2068	0.3699
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6011	0.1330	0.2910	0.3218	0.4055
drug-17	0.3777	0.1778	0.1809	0.1309	0.4875
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9265	0.0210	0.9392	0.9112	0.1212
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2599	0.0132	0.8300
eeg	0.3817	0.0773	0.4023	0.3133	0.6323
eeg-eye	0.5901	0.4099	0.5770	0.1242	0.8566
eeg10%	0.3773	0.0778	0.3992	0.3094	0.5916
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6575	0.1370	0.6208	0.5611	0.3982
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq10%	0.8892	0.1108	0.8900	0.7785	0.4569
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.6000	0.1143	0.3833	0.4737	0.2564
forest	0.9423	0.0288	0.9319	0.9203	0.0754
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.6250	0.2500	0.5906	0.3962	0.5975
gender	0.6021	0.2653	0.3807	0.1449	0.5100
gene	0.9243	0.0505	0.9163	0.8798	0.2136
german	0.7500	0.2500	0.7121	0.3812	0.6824
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8934	0.1066	0.8934	0.7865	0.4491
glass	0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.6000	0.2000	0.6240	0.4611	0.3434
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
har	0.2844	0.2862	0.0886	0.0000	0.3861
har701%	0.7681	0.0662	0.4273	0.6260	0.1775
har7010%	0.7665	0.0667	0.4212	0.6226	0.1750
harth1%	0.6593	0.0568	0.2167	0.5084	0.2296
hayes-roth	0.3750	0.4167	0.3965	0.0244	0.7361
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8367	0.1633	0.8367	0.6733	0.5903
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6618	0.3382	0.6592	0.3155	0.8628
higgs1%	0.6405	0.3595	0.6375	0.2689	0.8786
higher	0.0714	0.2321	0.0227	-0.1375	0.4756
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9275	0.0725	0.8693	0.7383	0.4556
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6667	0.2222	0.6380	0.3581	0.4076
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.5663	0.2891	0.5696	0.3499	0.6642
htru2	0.9777	0.0223	0.9298	0.8563	0.2033
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9549	0.0451	0.8202	0.5658	0.1285
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8118	0.1882	0.6119	0.1295	0.5906
jvowels	0.9508	0.0109	0.9477	0.9442	0.0784
kc1	0.8720	0.1280	0.7092	0.3454	0.5134
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2824	0.0797	0.2661	0.1830	0.5623
krvskp	0.9749	0.0251	0.9749	0.9498	0.1583
la1s-wc	0.8317	0.0561	0.8143	0.7832	0.2036
la2s-wc	0.8079	0.0640	0.8003	0.7507	0.2243
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.0294	0.0844	0.0025	0.0000	0.4116
led24	0.7000	0.0600	0.6724	0.6610	0.1235
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7685	0.0178	0.7655	0.7592	0.2339
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.8999	0.8806	0.0506
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9133	0.0867	0.9072	0.8135	0.3942
localization	0.4005	0.1090	0.1736	0.1725	0.5084
localization10%	0.3962	0.1098	0.1708	0.1636	0.5042
lrs	0.8868	0.0323	0.6525	0.8427	0.0688
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.6000	0.4000	0.6006	0.2000	0.9253
magic04	0.7833	0.2167	0.7540	0.4998	0.6986
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6436	0.2376	0.6483	0.4481	0.5241
math	0.8000	0.1000	0.7750	0.6819	0.2514
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.7304	0.2696	0.7280	0.4553	0.7797
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9148	0.9221	0.0473
meter-D	0.8333	0.0833	0.6813	0.7642	0.1404
mfeat-fac	0.9800	0.0040	0.9805	0.9778	0.0229
mfeat-fou	0.8300	0.0340	0.8303	0.8111	0.1530
mfeat-kar	0.9750	0.0050	0.9755	0.9722	0.0314
mfeat-mor	0.7200	0.0560	0.7234	0.6889	0.1957
mfeat-pix	0.9750	0.0050	0.9764	0.9722	0.0262
mfeat-zer	0.7950	0.0410	0.7962	0.7722	0.1249
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8774	0.0818	0.8811	0.8152	0.2779
mines	0.5000	0.2000	0.4364	0.3738	0.4070
mobile	0.8462	0.0055	0.8543	0.8434	0.0704
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9394	0.0606	0.8768	0.7290	0.2385
MUT_ci300400a_cdk_ECFP2	0.8189	0.1811	0.8124	0.6226	0.6264
MUT_ci300400a_cdk_ECFP4	0.7952	0.2048	0.7887	0.5772	0.6794
MUT_ci300400a_cdk_ECFP6	0.7808	0.2192	0.7725	0.5427	0.6996
MUT_ci300400a_cdk_ESTATE	0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED	0.8022	0.1978	0.7965	0.5930	0.6667
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.7950	0.2050	0.7876	0.5740	0.6771
MUT_ci300400a_cdk_FCFP6	0.7950	0.2050	0.7896	0.5792	0.6799
MUT_ci300400a_cdk_MACCS	0.7614	0.2386	0.7517	0.4998	0.7305
MUT_ci300400a_cdk_PUBCHEM	0.8335	0.1665	0.8278	0.6546	0.5997
MUT_ci300400a_cdk_STANDARD	0.7701	0.2299	0.7622	0.5239	0.7233
MUT_ci300400a_rdkit_descriptors	0.7782	0.2218	0.7720	0.5435	0.7077
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9628	0.0372	0.9629	0.9257	0.2123
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6448	0.3552	0.6420	0.2832	0.8855
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9454	0.0546	0.9330	0.8660	0.3164
NPHA-doctor-visits	0.5139	0.3241	0.3066	-0.0084	0.4955
nursery	0.9282	0.0359	0.8785	0.8944	0.1456
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.8333	0.0833	0.8690	0.7489	0.2189
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9911	0.0044	0.9701	0.9730	0.0325

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
oh0-wc	0.8812	0.0238	0.8827	0.8630	0.0925
oh10-wc	0.7619	0.0476	0.7658	0.7270	0.2095
oh15-wc	0.8152	0.0370	0.8034	0.7891	0.1594
oh5-wc	0.8352	0.0330	0.8366	0.8131	0.1507
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
optdigits	0.9609	0.0078	0.9626	0.9565	0.0564
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9130	0.0870	0.5398	0.0537	0.6079
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8505	0.1495	0.8341	0.6682	0.5850
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8579	0.7143	0.5399
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.8805	0.8293	0.2546
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8636	0.1364	0.8237	0.6388	0.5410
particle10%	0.8623	0.1377	0.8229	0.6408	0.5580
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.5464	0.4536	0.4182	-0.0626	0.8367
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8146	0.5918	0.4410
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9518	0.0096	0.9515	0.9464	0.0746
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.9173	0.0103	0.9174	0.9118	0.1312
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	0.4283	0.5717	0.2999	0.0000	0.5287
phone-acc0.1%	0.6761	0.0925	0.6466	0.6204	0.3051
phone-acc1%	0.1413	0.2453	0.0354	0.0000	0.4030
phone-gyr0.1%	0.6676	0.0950	0.6292	0.6100	0.3001
phone-gyr1%	0.1372	0.2465	0.0345	0.0000	0.4034
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.7028	0.2972	0.7028	0.4055	0.8173
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4976	0.1436	0.1221	-0.0033	0.2140
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7881	0.2119	0.7631	0.5210	0.6943
popularity	0.6605	0.2263	0.4575	0.1995	0.4877
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
profb	0.8507	0.1493	0.8308	0.6616	0.5882
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8309	0.0676	0.7721	0.7710	0.2504
puc-rio10%	0.8377	0.0649	0.7756	0.7804	0.2484
pufs-1281%	0.4980	0.5020	0.4980	-0.0040	1.0000
pufs-641%	0.5046	0.4954	0.5046	0.0092	0.9974
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6081	0.3919	0.5793	0.1540	0.9234
satimage	0.8460	0.0513	0.8095	0.8093	0.2124
satimageF	0.9860	0.0140	0.9632	0.9255	0.1348
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.8741	0.1259	0.8730	0.7458	0.5050
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8918	0.0309	0.9022	0.8735	0.1256
segmentation	0.8119	0.1881	0.7917	0.5822	0.6578
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8609	0.1391	0.4626	-0.0102	0.4516
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-8-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-9-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8856	0.1144	0.7440	0.4269	0.4764
shuttle	0.9093	0.0259	0.3761	0.6978	0.0716
sick	0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9187	0.0813	0.8777	0.7554	0.4667
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2200	0.3900	0.2215	-0.0406	0.8291
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7554	0.0815	0.6814	0.6840	0.1894

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9109	0.0891	0.9065	0.8106	0.3857
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.9495	0.0505	0.9353	0.8695	0.3294
splice-IE	0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles	0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7534	0.1644	0.7045	0.6004	0.4725
steel-b	0.8205	0.1795	0.6964	0.3757	0.6953
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9744	0.0256	0.9611	0.9221	0.2232
steel-o	0.7744	0.2256	0.7417	0.4507	0.6572
steel-p	0.9282	0.0718	0.7214	0.4253	0.5579
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9590	0.0410	0.8834	0.7667	0.4153
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9097	0.0903	0.8358	0.6591	0.4499
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6450	0.1420	0.3598	0.4136	0.4014
student-depression	0.8348	0.1652	0.8286	0.6562	0.5966
student-habits	0.4300	0.2280	0.1992	0.0938	0.4507
student-weekend	0.3538	0.2585	0.1967	0.0686	0.5914
student-workday	0.6875	0.1250	0.1630	-0.0248	0.2966
studentap	0.6154	0.2564	0.4782	0.3750	0.4230
susy1%	0.7938	0.2062	0.7937	0.5787	0.6509
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9945	0.0010	0.9946	0.9940	0.0084
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.8806	0.1194	0.8322	0.6248	0.3768
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.8788	0.0485	0.7051	0.7047	0.1141
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9686	0.0314	0.9509	0.9017	0.2375
turkish	0.8250	0.0875	0.8244	0.7667	0.1948

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews1%	0.9231	0.0769	0.9169	0.8334	0.3669
tvnews10%	0.8967	0.1033	0.8879	0.7749	0.4471
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8358	0.0365	0.8452	0.8078	0.1317
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
vehicle	0.7500	0.1250	0.7237	0.6653	0.2107
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6364	0.0661	0.6489	0.6000	0.1722
vowelZ	0.9899	0.0101	0.9717	0.9418	0.2236
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.6408	0.1026	0.6270	0.5788	0.3953
watch-gyr1%	0.6304	0.1056	0.6135	0.5675	0.3760
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8580	0.0947	0.8583	0.7870	0.3368
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8000	0.1333	0.5504	0.6215	0.3329
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9731	0.0269	0.8382	0.6534	0.2957
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5912	0.1363	0.2732	0.3290	0.3952
winequality-white	0.5297	0.1568	0.2985	0.2435	0.4964
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.5000	0.1000	0.3577	0.3533	0.3456
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9301	0.0140	0.9238	0.9216	0.1044

Table 307: Detailed results for GNBC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1199	0.0607	0.0604	0.0485	0.5449
abalone19	0.7679	0.2321	0.5260	0.0064	0.0802
abalone9-18	0.8356	0.1644	0.6173	0.1828	0.5164
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.1402	0.8598	0.1230	0.0000	0.3071
adult	0.8135	0.1865	0.7311	0.4601	0.7090
advanced-iot	0.9473	0.0176	0.9536	0.9368	0.0393
AID_1431	0.5873	0.4127	0.5180	0.0206	0.4769
AID_1431_KlekotaRothFingerprinter	0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_MACCSFingerprinter	0.2063	0.7937	0.4539	-0.0239	0.3372
AID_1878	0.5048	0.4952	0.5759	0.1023	0.6316
AID_602330	0.2865	0.7135	0.4288	-0.0256	0.2131
AID_652128	0.1717	0.5522	0.4389	0.0350	0.2708
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.2500	0.7500	0.5712	0.0395	0.3317
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.0874	0.9126	0.4313	-0.0153	0.2096
AID362red	0.0841	0.9159	0.5212	0.0021	0.0422
AID373AID439red	0.0008	0.9992	0.5002	0.0000	0.0005
AID373red	0.0100	0.9900	0.4537	-0.0003	0.0048
AID439Morered	0.2857	0.7143	0.5833	0.0541	0.3467
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.0100	0.9900	0.5025	0.0000	0.0087
AID604	0.0083	0.9917	0.5021	0.0000	0.0102
AID604AID644_AllRed	0.0033	0.9967	0.5008	0.0000	0.0029
AID644Morered	0.3500	0.6500	0.5906	0.0441	0.4906
AID644red	0.3000	0.7000	0.4182	-0.0606	0.7291
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.0099	0.9901	0.5025	0.0000	0.0261
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.3214	-0.1887	0.7422
AID746AID1284red	0.0052	0.9948	0.5013	0.0000	0.0029
AID746red	0.0065	0.9935	0.5016	0.0000	0.0172
aids	0.7887	0.2113	0.6942	0.3834	0.7485
air_pollution	0.3733	0.1790	0.1025	0.0041	0.6009
air-booking	0.1494	0.8506	0.1300	0.0000	0.3214
airline	0.8470	0.1530	0.8440	0.6880	0.5707
alcohol	0.6190	0.1524	0.2805	0.2652	0.6914
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8000	0.2000	0.7764	0.5504	0.6791
anneal	0.8876	0.0449	0.8493	0.7930	0.3625
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9555	0.0445	0.7272	0.2621	0.3341
anuran-family	0.8567	0.0716	0.7504	0.7469	0.4316
anuran-genus	0.8484	0.0379	0.7246	0.7690	0.3994
anuran-species	0.9250	0.0150	0.7994	0.8958	0.1270
anxiety	0.0917	0.2019	0.0673	-0.0192	0.7031
apple-quality	0.6950	0.3050	0.6950	0.3900	0.8273
aps-failure	0.9708	0.0292	0.7727	0.4895	0.5363
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9679	0.0321	0.6754	0.2384	0.3826
arabidopsis10%	0.9920	0.0080	0.6690	0.0144	0.0319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia	0.2444	0.1162	0.3835	0.2019	0.2698
auction	0.7892	0.2108	0.5890	0.1743	0.7376
audiology	0.7391	0.0217	0.2968	0.7019	0.0597
audit-risk	0.8718	0.1282	0.8740	0.7168	0.3249
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.7000	0.3000	0.7648	0.4368	0.5305
autism-child	0.6897	0.3103	0.7486	0.3916	0.4961
autos	0.5000	0.1667	0.4732	0.3590	0.4316
avila	0.3110	0.1148	0.4253	0.2086	0.6444
babies	0.3790	0.1774	0.1759	0.1234	0.6027
balance	0.9032	0.0645	0.6222	0.8180	0.1797
bank	0.8691	0.1309	0.6987	0.3950	0.6798
banknote	0.8467	0.1533	0.8444	0.6882	0.5675
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8710	0.1290	0.8621	0.7016	0.4095
basehock	0.5075	0.4925	0.6076	0.0199	0.5280
bio	0.9932	0.0068	0.8291	0.6540	0.4934
bio10%	0.9911	0.0089	0.7930	0.5763	0.5312
biodeg	0.7143	0.2857	0.7774	0.4706	0.5112
biomed	0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin	0.8594	0.0097	0.0513	0.0410	0.1346
bitcoin1%	0.7473	0.0174	0.0456	0.0154	0.0614
bitcoin10%	0.9282	0.0050	0.0433	0.0414	0.4035
body-perf	0.5410	0.2295	0.5336	0.3881	0.6027
bookings	0.0101	0.6599	0.0067	0.0000	0.3560
brain-tumor	0.5150	0.4850	0.5150	0.0300	0.9913
breast-cancer	0.7143	0.2857	0.6242	0.2432	0.8417
breast-cancer-co	0.4545	0.5455	0.4777	-0.0312	0.9055
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5820	0.5644	0.1810
bridges	0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17	0.6123	0.3877	0.6452	0.1649	0.4251
bub12at310k-hg16-17	0.6197	0.3803	0.6503	0.1725	0.4260
bub8at310k-hg16-17	0.5870	0.4130	0.6470	0.1584	0.4013
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4600	0.3600	0.2940	-0.0388	0.5504
car	0.7586	0.1207	0.7084	0.5743	0.5116
car-insurance	0.7540	0.2460	0.7453	0.4771	0.7236
card	0.7971	0.2029	0.7929	0.5672	0.6185
cardiotocography	0.6854	0.0629	0.7061	0.6352	0.3668
cardiotocography-nsp	0.8263	0.1158	0.7282	0.5961	0.4878
cardiovascular	0.5987	0.4013	0.6205	0.1970	0.8076
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.8000	0.6930	0.3967
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5785	0.4215	0.5827	0.1037	0.7643
cas_N6512_RDkit_AtomPair_FP	0.5813	0.4187	0.5958	0.1067	0.7104
cas_N6512_rdkit_AVALON	0.6313	0.3687	0.6514	0.2801	0.8314
cas_N6512_RDkit_Avalon_FP	0.6181	0.3819	0.6403	0.2558	0.8364
cas_N6512_rdkit_descriptors	0.5969	0.4031	0.6005	0.1489	0.7939
cas_N6512_rdkit_FEATMORGAN	0.6528	0.3472	0.6740	0.3221	0.8017
cas_N6512_RDkit_Featmorgan_FP	0.6886	0.3114	0.7038	0.3882	0.7797
cas_N6512_RDkit_FP	0.6150	0.3850	0.6159	0.2308	0.9108
cas_N6512_rdkit_LAYERED	0.6800	0.3200	0.6789	0.3577	0.8458
cas_N6512_RDkit_Layered_FP	0.6687	0.3313	0.6668	0.3335	0.8601

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.6866	0.3134	0.6850	0.3700	0.8386
cas_N6512_RDkit_MACCS_FP	0.7009	0.2991	0.7082	0.4077	0.7943
cas_N6512_rdkit_MORGAN	0.7015	0.2985	0.7142	0.3782	0.6943
cas_N6512_RDkit_morgan_FP	0.6518	0.3482	0.6637	0.2700	0.7425
cas_N6512_rdkit_PATTERN	0.6723	0.3277	0.6709	0.3418	0.8553
cas_N6512_RDkit_pattern_FP	0.6457	0.3543	0.6431	0.2860	0.8857
cas_N6512_rdkit_RDKITFP	0.5868	0.4132	0.5913	0.1797	0.9272
cas_N6512_rdkit_TORSION	0.5354	0.4646	0.4394	-0.0056	0.5869
ccds	0.7487	0.2513	0.6056	0.1048	0.3338
ccds1%	0.7830	0.2170	0.6190	0.1282	0.3532
ccds10%	0.7167	0.2833	0.6109	0.0981	0.3001
cdc_diabetes	0.7667	0.1555	0.4404	0.2783	0.5943
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7254	0.2746	0.6923	0.2857	0.5976
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.4339	0.5661	0.5554	0.0288	0.2173
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.5332	0.4668	0.5920	0.0627	0.2587
CDS49_AID687_Rdkit-ecfp4-fp	0.0024	0.9976	0.0024	0.0000	0.0069
census	0.3710	0.6290	0.5992	0.0586	0.2221
census10%	0.3453	0.6547	0.5918	0.0496	0.2047
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.8837	0.1163	0.7123	0.3875	0.6014
cervical-C	0.7791	0.2209	0.5653	0.0912	0.4777
cervical-H	0.8837	0.1163	0.7632	0.4011	0.4711
cervical-S	0.8837	0.1163	0.7868	0.5243	0.5794
children-anemia	0.0982	0.4509	0.3166	0.0385	0.4658
chrom19	0.9882	0.0118	0.6860	0.1277	0.1809
chrom191%	0.9812	0.0188	0.6900	0.1091	0.1510
chrom1910%	0.9892	0.0108	0.6767	0.1385	0.2056
chrom21	0.9067	0.0933	0.6055	0.0022	0.0053
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9799	0.0201	0.6251	0.0150	0.0282
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8220	0.1780	0.6857	0.3472	0.6876
churn-bigml	0.6067	0.3933	0.6808	0.2397	0.5009
ci900367j_MACCS	0.6316	0.3684	0.6452	0.2761	0.8436
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.0476	0.6349	0.0303	0.0000	0.3826
cjs	0.7607	0.0798	0.7835	0.7040	0.2092
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7648	0.1176	0.4871	0.6132	0.3076
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5000	0.3333	0.4575	0.1628	0.5720
cm1	0.8200	0.1800	0.4505	-0.0976	0.7500
cmc	0.4898	0.3401	0.5117	0.2482	0.7108
cnae-9	0.3611	0.1420	0.3765	0.2812	0.3394
codon_usage	0.5288	0.0857	0.4942	0.4449	0.4619
coil20	0.9444	0.0056	0.9479	0.9415	0.0394
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.2600	0.0987	0.2210	0.2188	0.2736
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.7241	0.2759	0.6548	0.3095	0.8231
colposcopies-5	0.7586	0.2414	0.6667	0.3165	0.7298
colposcopies-6	0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c	0.8966	0.1034	0.8560	0.6692	0.2534
column-2c	0.8065	0.1935	0.8110	0.5991	0.6096
column-3c	0.7419	0.1720	0.6792	0.5832	0.4193

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5252	0.4730	0.5343	0.0316	0.7894
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
comedy_comparisons10%	0.4827	0.5173	0.3256	0.0000	0.5300
connect-4	0.8154	0.1231	0.5048	0.1435	0.2564
cottonmeloidogyne	0.7236	0.2764	0.7267	0.4461	0.7700
coupon	0.6096	0.3904	0.6273	0.2403	0.8679
covid19	0.5244	0.1359	0.2010	0.1359	0.3936
covtype	0.3951	0.1728	0.4693	0.2274	0.4499
covtype10%	0.3812	0.1768	0.4345	0.2289	0.4589
covtypeCD	0.5507	0.4493	0.6726	0.2012	0.4263
covtypeT	0.7491	0.2509	0.6962	0.2542	0.4346
crabs	0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans	0.9807	0.0193	0.6736	0.1272	0.1922
creditcard_trans10%	0.9824	0.0176	0.7037	0.1640	0.2192
crowdsourced	0.8129	0.0624	0.6618	0.6549	0.4433
cryotherapy	0.7778	0.2222	0.8000	0.5263	0.4308
cultivars	0.3438	0.0328	0.2549	0.3260	0.0948
customer-churn	0.9746	0.0254	0.6268	0.2449	0.5666
cybersecurity	0.1733	0.2756	0.1729	0.0061	0.8759
cyclopentane	0.5556	0.4444	0.5791	0.1429	0.8961
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dating	0.0984	0.1803	0.0981	-0.0017	0.9180
day1%	0.3581	0.6419	0.2637	0.0000	0.5110
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7590	0.2410	0.6898	0.3723	0.7583
defect	0.8951	0.1049	0.7860	0.4706	0.2404
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8595	0.1405	0.6805	0.3597	0.6952
depressed	0.8182	0.1818	0.5896	0.1515	0.7317
dermatology	0.9459	0.0180	0.9524	0.9327	0.0421
desharnais	0.1250	0.5833	0.0741	0.0000	0.3719
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3125	0.4583	0.4049	0.0737	0.4110
DIA	0.4500	0.5500	0.5871	0.1081	0.6495
diabetes	0.8462	0.1538	0.8375	0.6750	0.5822
diabetes-100k	0.8777	0.1223	0.7401	0.4434	0.6090
diabetes-risk	0.8500	0.1500	0.7419	0.4361	0.5507
diabetic	0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%	0.1078	0.5948	0.0649	0.0000	0.4002
diabetic10%	0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9667	0.0167	0.9487	0.9540	0.0635
diamonds_all	0.5284	0.1887	0.4385	0.3233	0.6292
dishonest	0.9062	0.0938	0.8890	0.7757	0.4232
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.5000	0.5000	0.5143	0.0270	0.9591
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9710	0.0290	0.5816	0.0597	0.1748
dna1%	0.9438	0.0562	0.6490	0.0671	0.1163
dna10%	0.9892	0.0068	0.5231	0.0506	0.4648
dorothea	0.9391	0.0609	0.8002	0.5082	0.1609
dota2	0.5730	0.4270	0.5696	0.1384	0.9506
dota210%	0.5301	0.4699	0.5252	0.0498	0.9805
drebin	0.6773	0.3227	0.7546	0.4130	0.5295
dropout	0.7065	0.1956	0.6232	0.5058	0.5385

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3511	0.1854	0.1575	0.0485	0.6961
drug-02	0.5053	0.1413	0.3196	0.2733	0.5416
drug-03	0.5638	0.1246	0.1728	0.1106	0.6675
drug-04	0.4681	0.1520	0.2149	0.1453	0.7409
drug-05	0.7074	0.0836	0.1319	0.0080	0.4037
drug-06	0.4043	0.1702	0.2819	0.2691	0.5918
drug-07	0.3936	0.1733	0.1581	0.0557	0.5977
drug-08	0.4787	0.1489	0.2009	0.1432	0.5108
drug-09	0.7553	0.0699	0.1519	0.0362	0.3926
drug-10	0.5266	0.1353	0.2528	0.1974	0.6227
drug-11	0.7181	0.0805	0.1726	0.1150	0.5330
drug-12	0.7234	0.0790	0.1891	0.1195	0.7221
drug-13	0.6117	0.1109	0.2200	0.3134	0.5555
drug-14	0.5585	0.1261	0.3479	0.3023	0.7169
drug-15	0.6436	0.1018	0.1613	0.1034	0.5564
drug-16	0.5745	0.1216	0.2647	0.3487	0.5525
drug-17	0.3351	0.1900	0.2407	0.1326	0.6864
drug-18	0.9681	0.0128	0.1968	-0.0053	0.1725
drug-19	0.6649	0.0957	0.1917	0.1279	0.8046
drybean	0.8905	0.0313	0.9022	0.8677	0.1560
ecoli	0.8235	0.0441	0.5314	0.7521	0.1377
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU	0.7273	0.2727	0.6333	0.1951	0.5391
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2900	0.3550	0.2939	0.0519	0.7982
eeg	0.1249	0.1094	0.2141	0.0868	0.5959
eeg-eye	0.4753	0.5247	0.5672	0.0391	0.6297
eeg10%	0.1591	0.1051	0.2049	0.1152	0.5953
email_phishing	0.1158	0.8842	0.5085	0.0009	0.0491
eucalyptus	0.4247	0.2301	0.4572	0.2858	0.5816
euthyroid	0.3544	0.6456	0.5805	0.0585	0.3300
exon.vs.intron-freq	0.8988	0.1012	0.8985	0.7970	0.4364
exon.vs.intron-freq10%	0.8955	0.1045	0.8952	0.7904	0.4451
fakenews	0.5250	0.4750	0.5250	0.0500	0.9851
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.2724	0.0856	0.3668	0.2313	0.4271
fertility	0.6000	0.4000	0.3750	-0.1765	0.5613
finance	0.5490	0.4510	0.5364	0.0713	0.9675
financial-risk	0.6810	0.1063	0.4678	0.4875	0.3968
fishcatch	0.8750	0.0417	0.9249	0.8462	0.0696
flags	0.0500	0.2375	0.0417	0.0104	0.3720
fonts	0.1630	0.0109	0.0673	0.1467	0.9874
fonts10%	0.1499	0.0111	0.0635	0.1349	0.9143
forest	0.9038	0.0481	0.8715	0.8675	0.1339
gas	0.5528	0.1491	0.5950	0.4676	0.4303
gastrointestinal	0.5000	0.3333	0.5086	0.2686	0.5111
gender	0.3684	0.4211	0.3832	0.0267	0.4627
gene	0.9054	0.0631	0.8985	0.8507	0.2634
german	0.6700	0.3300	0.6259	0.2500	0.8752
gestures	0.7757	0.1122	0.7877	0.7010	0.2769
gina	0.7925	0.2075	0.7989	0.5830	0.6312
gisette	0.6357	0.3643	0.7042	0.2714	0.5087
glass	0.5714	0.1429	0.5417	0.3803	0.2215
glass-g2	0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP	0.6667	0.3333	0.7483	0.3951	0.5223
glassBWNFP	0.5714	0.4286	0.6981	0.2703	0.5297
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.8571	0.1429	0.7918	0.5772	0.5973
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.3810	0.6190	0.5973	0.0488	0.1789
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	0.6250	0.3750	0.7241	0.3333	0.5239
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8571	0.1429	0.8603	0.7131	0.5255
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.3333	0.3333	0.4579	0.1573	0.5432
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.8070	0.0322	0.7152	0.7725	0.2105
har	0.5000	0.2000	0.5577	0.3841	0.5387
har70	0.7276	0.0778	0.4790	0.6314	0.1628
har701%	0.7217	0.0795	0.4754	0.6240	0.1618
har7010%	0.7330	0.0763	0.4808	0.6382	0.1608
harth	0.8926	0.0140	0.6516	0.8418	0.2572
harth1%	0.7469	0.0422	0.3730	0.6530	0.2335
harth10%	0.7440	0.0427	0.3775	0.6490	0.2390
hayes-roth	0.5625	0.2917	0.6200	0.2911	0.4882
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8387	0.1613	0.8369	0.6723	0.5819
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.7640	0.2360	0.7045	0.3669	0.6818
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8000	0.2000	0.8077	0.5455	0.5283
hepmass	0.8275	0.1826	0.8300	0.6381	0.6351
hepmass1%	0.8013	0.1987	0.8045	0.6021	0.6396
hepmass10%	0.7978	0.2022	0.8014	0.5952	0.6440
hERG-121inputs	0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.6642	0.3279	0.6726	0.3377	0.8490
higgs0.1%	0.6218	0.3782	0.6231	0.2201	0.8461
higgs1%	0.5995	0.4005	0.5999	0.1701	0.8521
higgs10%	0.6006	0.3994	0.6023	0.1743	0.8492
higher	0.0714	0.2321	0.0625	-0.0706	0.3706
hinselmann	0.4000	0.6000	0.2857	-0.3636	0.7910
hitters	0.4688	0.5312	0.3191	0.0000	0.5307
hiv1-proteasa	0.5902	0.4098	0.6927	0.2557	0.4894
hiva	0.9196	0.0804	0.5818	0.1518	0.5605
horse	0.6111	0.2593	0.5954	0.3547	0.6180
hotel-reservartions	0.4338	0.5662	0.6064	0.1005	0.5881
hr	0.1368	0.8632	0.1204	0.0000	0.3017
ht-sensor	0.4924	0.3384	0.5234	0.2523	0.5539
ht-sensor10%	0.4826	0.3450	0.5115	0.2381	0.5576
htru2	0.9520	0.0480	0.8657	0.7292	0.4828
hypothyroid	0.4377	0.2812	0.4280	0.1081	0.3736
hypothyroidT	0.4987	0.5013	0.5914	0.0780	0.3482
ilpd	0.4237	0.5763	0.6289	0.1194	0.5000
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9280	0.0360	0.9290	0.9040	0.1430
ionosphere	0.7714	0.2286	0.7870	0.5380	0.6284
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9600	0.0400	0.9613	0.9196	0.1967
isolet	0.8614	0.0107	0.8680	0.8558	0.1034

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8044	0.1956	0.6155	0.1959	0.7226
jvowels	0.8514	0.0330	0.8440	0.8315	0.1990
kc1	0.8152	0.1848	0.6275	0.2535	0.7597
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.1429	0.0714	0.0152	0.0400	0.1384
kc1-class-level-top5percentDF	0.6667	0.3333	0.4000	-0.1194	0.4433
kc2	0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007	0.1372	0.2157	0.0302	0.0000	0.3807
kddcup98	0.0507	0.9493	0.0483	0.0000	0.1324
kddcup981%	0.0526	0.9474	0.0500	0.0000	0.1368
kddcup9810%	0.0513	0.9487	0.0488	0.0000	0.1337
kddcup99	0.7528	0.0215	0.3945	0.6099	0.0618
kddcup991%	0.7611	0.0208	0.3551	0.6255	0.0950
kddcup9910%	0.7032	0.0258	0.3338	0.5436	0.1155
kepler	0.6987	0.2008	0.7075	0.5308	0.3817
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9750	0.0250	0.9737	0.9459	0.1112
krkopt	0.3034	0.0774	0.2307	0.2090	0.5473
krvskp	0.6708	0.3292	0.7123	0.3204	0.5805
la1s-wc	0.1079	0.2974	0.0325	0.0000	0.3928
la2s-wc	0.1722	0.2759	0.2281	0.0823	0.4417
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.6471	0.0176	0.3476	0.6298	0.0639
led24	0.5500	0.0900	0.5312	0.4901	0.1903
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.6275	0.0287	0.6379	0.6127	0.3220
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.7778	0.0296	0.7749	0.7614	0.0884
linkage	0.9998	0.0002	0.9893	0.9784	0.0010
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.9998	0.0002	0.9879	0.9754	0.0012
liver	0.5294	0.4706	0.6364	0.1929	0.6825
loan	0.9461	0.0539	0.9429	0.8858	0.2940
localization	0.2892	0.1292	0.2240	0.1600	0.8075
localization10%	0.1699	0.1509	0.1715	0.0799	0.8629
lrs	0.7736	0.0453	0.3984	0.6919	0.1873
lung	0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7000	0.1200	0.7711	0.5522	0.3549
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7857	0.1071	0.6342	0.6147	0.2542
lymphoma2	0.7778	0.0494	0.4018	0.6842	0.0783
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5923	0.4077	0.5928	0.1846	0.9321
magic04	0.7359	0.2641	0.6945	0.3437	0.7035
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8347	0.6671	0.5906
marketing	0.8705	0.1295	0.7327	0.4646	0.6605
maternal	0.6139	0.2574	0.6172	0.3972	0.4804
math	0.5750	0.2125	0.5306	0.3818	0.5242
mba	0.7565	0.1624	0.4508	0.2322	0.6332
mental-disorders	1.0000	0.0000	1.0000	1.0000	0.0000
mental-health	0.2333	0.3067	0.2339	0.0411	0.8524

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.5739	0.4261	0.6404	0.2080	0.7270
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	0.8889	0.0741	0.8889	0.8302	0.1290
meter-C	0.6667	0.1667	0.7833	0.5424	0.2230
meter-D	0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac	0.9300	0.0140	0.9310	0.9222	0.0779
mfeat-fou	0.7300	0.0540	0.7308	0.7000	0.2236
mfeat-kar	0.9350	0.0130	0.9365	0.9278	0.0800
mfeat-mor	0.7250	0.0550	0.6998	0.6944	0.1840
mfeat-pix	0.9400	0.0120	0.9404	0.9333	0.0678
mfeat-zer	0.7250	0.0550	0.7332	0.6944	0.2145
mice-prot	0.9815	0.0046	0.9824	0.9788	0.0224
milk	0.8962	0.0692	0.8826	0.8397	0.2180
mines	0.4412	0.2235	0.4087	0.3009	0.3854
mobile	0.7448	0.0091	0.7729	0.7401	0.1065
monks-1	0.6182	0.3818	0.6203	0.2326	0.8914
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9107	0.0893	0.9178	0.8223	0.3018
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9606	0.0394	0.9606	0.9212	0.2223
music	0.4506	0.0999	0.4675	0.3481	0.5484
musk	0.8076	0.1924	0.7040	0.3926	0.6987
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.6754	0.3246	0.6796	0.2585	0.6288
MUT_ci300400a_cdk_ECFP6	0.7210	0.2790	0.7211	0.4385	0.7839
MUT_ci300400a_cdk_ESTATE	0.6247	0.3753	0.6029	0.1402	0.7558
MUT_ci300400a_cdk_EXTENDED	0.6655	0.3345	0.6674	0.3304	0.8478
MUT_ci300400a_cdk_FCFP2	0.6467	0.3533	0.6344	0.1936	0.7228
MUT_ci300400a_cdk_FCFP4	0.6055	0.3945	0.6215	0.0648	0.5418
MUT_ci300400a_cdk_FCFP6	0.7386	0.2614	0.7357	0.4699	0.7660
MUT_ci300400a_cdk_MACCS	0.6930	0.3070	0.6779	0.3497	0.8267
MUT_ci300400a_cdk_PUBCHEM	0.6144	0.3856	0.6212	0.0904	0.5796
MUT_ci300400a_cdk_STANDARD	0.6647	0.3353	0.6667	0.3289	0.8483
MUT_ci300400a_rdkit_descriptors	0.6604	0.3396	0.6492	0.2533	0.7766
myocardial	0.0353	0.2412	0.1941	0.0248	0.3228
naticusdroid	0.5796	0.4204	0.6614	0.1575	0.5197
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.5000	0.1111	0.2917	0.4194	0.1042
ncRNA	0.6850	0.0332	0.3000	0.4190	0.7425
ncRNA1%	0.5860	0.0436	0.2813	0.3304	0.5779
ncRNA10%	0.5811	0.0441	0.2608	0.3237	0.4711
neo	0.8555	0.1445	0.5954	0.1908	0.7135
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0168	0.0447	0.0405	0.0052	0.4273
newspop	0.5552	0.4448	0.6081	0.1477	0.7501
NHANES_age_prediction	0.9427	0.0573	0.8915	0.7830	0.4068
nomao	0.8450	0.1550	0.8331	0.6526	0.5819
NPHA-doctor-visits	0.4167	0.3889	0.3195	-0.0570	0.7814
nursery	0.8349	0.0660	0.6378	0.7650	0.1744
obesity	0.5118	0.1395	0.5004	0.4312	0.4052
obs	0.6481	0.1759	0.6945	0.5223	0.4601
occupancy	0.9650	0.0350	0.9551	0.9063	0.2714
Occupancy_Estimation	0.9635	0.0183	0.9012	0.8903	0.1470
oh0-wc	0.2772	0.1446	0.4805	0.2313	0.3199
oh10-wc	0.1048	0.1790	0.2181	0.0504	0.3823
oh15-wc	0.2609	0.1478	0.3537	0.2123	0.3651
oh5-wc	0.2527	0.1495	0.3810	0.1970	0.3490

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.0645	0.1871	0.1037	0.0009	0.4095
olive	0.9298	0.0156	0.9023	0.9129	0.0466
opn310k	0.5642	0.4358	0.6415	0.1463	0.3886
opn310k10%	0.5615	0.4385	0.6287	0.1318	0.3944
opnat310k-hg16-17	0.5789	0.4211	0.6427	0.1518	0.3998
optdigits	0.9199	0.0160	0.9244	0.9110	0.1051
optdigitsZ	0.9715	0.0285	0.9239	0.8415	0.3928
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr	0.7115	0.2885	0.6716	0.1429	0.2551
ozone8hr	0.6601	0.3399	0.6327	0.1521	0.4215
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7010	0.2990	0.7329	0.4230	0.6942
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8333	0.1667	0.8449	0.6703	0.5244
p53-mutants	0.2428	0.7572	0.5553	0.0030	0.0179
p53-mutants10%	0.6115	0.3885	0.6200	0.0099	0.0231
page-blocks	0.9250	0.0300	0.6278	0.5948	0.5035
parkinson	0.8667	0.1333	0.8621	0.7169	0.4911
parkinsons	0.7962	0.2038	0.7909	0.5784	0.6736
parkinsons-small	0.6316	0.3684	0.7286	0.3448	0.5271
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.6214	0.2387	0.6639
pcmac	0.5825	0.4175	0.5244	0.0160	0.7052
pcos	0.9967	0.0033	0.9949	0.9896	0.0572
pd	0.7632	0.2368	0.7186	0.4286	0.7429
pediatric-leukemia	0.7647	0.0672	0.7595	0.7149	0.2049
pendigits	0.8817	0.0237	0.8864	0.8685	0.1306
period	0.5556	0.4444	0.6897	0.2500	0.5288
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.5394	0.4606	0.6745	0.2105	0.5305
personalities	0.9067	0.0117	0.9067	0.9004	0.1402
pet-adoption	0.8700	0.1300	0.8499	0.6967	0.5223
phishing	0.9306	0.0694	0.9269	0.8536	0.3393
PhiUSIIL	1.0000	0.0000	1.0000	0.9942	0.0000
PhiUSIIL10%	0.6675	0.3325	0.6994	0.2479	0.4844
phone-acc	1.0000	0.0015	0.9987	0.9790	0.0100
phone-acc0.1%	0.4832	0.1477	0.4680	0.3964	0.5173
phone-acc1%	0.5003	0.1428	0.4822	0.4156	0.5178
phone-acc10%	0.4902	0.1457	0.4707	0.4036	0.5264
phone-gyr	1.0000	0.0001	1.0000	0.9946	0.0012
phone-gyr0.1%	0.5226	0.1364	0.5013	0.4406	0.4756
phone-gyr1%	0.5452	0.1299	0.5263	0.4673	0.4509
phone-gyr10%	0.5431	0.1306	0.5261	0.4648	0.4580
phoneme	0.7778	0.2222	0.7464	0.4873	0.7238
phy	0.6780	0.3220	0.6782	0.3561	0.8475
pima	0.7105	0.2895	0.6874	0.3489	0.7670
pirvision	0.8530	0.0980	0.8087	0.6325	0.3363
placement	0.7780	0.2220	0.7749	0.5488	0.7059
plant-growth	0.8421	0.1579	0.8444	0.6851	0.5655
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1001	0.0666	0.0000	0.1726
poker1%	0.4790	0.1042	0.0948	-0.0053	0.3796
poker10%	0.4992	0.1002	0.0970	-0.0000	0.1817
polish-1st	0.0398	0.9602	0.5098	0.0001	0.1028
polish-2nd	0.0403	0.9597	0.4096	-0.0018	0.1141
polish-3rd	0.0600	0.9400	0.5152	0.0013	0.1264

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.0653	0.9347	0.4755	-0.0025	0.1561
polish-5th	0.9255	0.0745	0.5357	0.0288	0.4764
polya	0.7384	0.2616	0.7202	0.4397	0.7788
popularity	0.4214	0.3857	0.4444	0.1259	0.6119
post-operative	0.7778	0.1481	0.5714	0.6000	0.2778
postures	0.5972	0.1611	0.6202	0.4950	0.3604
pred-tox_mutagen_ref-desc	0.5735	0.4265	0.6138	0.1471	0.7239
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4242	0.0523	0.2803	0.3755	0.2154
processed	0.5266	0.4734	0.6568	0.2061	0.6103
profb	0.4030	0.5970	0.5464	0.0456	0.6863
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.7266	0.1094	0.6270	0.6257	0.3613
puc-rio10%	0.7302	0.1079	0.6247	0.6308	0.3414
pufs-128	0.4940	0.4944	0.4973	-0.0035	1.0000
pufs-1281%	0.5080	0.4920	0.5080	0.0160	0.9953
pufs-12810%	0.4995	0.5005	0.4995	-0.0009	1.0000
pufs-64	0.5021	0.4979	0.5021	0.0041	0.9977
pufs-641%	0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%	0.5016	0.4984	0.5016	0.0032	0.9990
pulsar	0.9561	0.0439	0.8786	0.7549	0.4614
raisin	0.7778	0.2222	0.7924	0.5556	0.6112
rcv1	0.0010	0.0377	0.0273	0.0010	0.3412
rcv11%	0.0148	0.0372	0.0501	0.0137	0.3486
rcv110%	0.0021	0.0377	0.0372	0.0020	0.3796
re0-wc	0.0333	0.1487	0.0520	0.0197	0.4121
re1-wc	0.0361	0.0771	0.0482	0.0284	0.4009
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.0060	0.0306	0.0494	0.0049	0.3352
rice	0.9802	0.0198	0.9803	0.9599	0.1108
rnaseq	0.9875	0.0050	0.9900	0.9835	0.0307
rocket	0.5225	0.4775	0.6540	0.1630	0.5490
RT_IOT2022	0.8855	0.0191	0.7183	0.7170	0.0516
satimage	0.7838	0.0721	0.7700	0.7357	0.2713
satimageF	0.9798	0.0202	0.9463	0.8910	0.1828
satimageT	0.7512	0.2488	0.7256	0.3326	0.4978
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6765	0.3235	0.6847	0.3529	0.8074
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.1026	0.8974	0.4709	-0.0070	0.2098
secondary_mushroom	0.6159	0.3841	0.7001	0.2820	0.5693
seeds	0.8571	0.0952	0.8631	0.7857	0.2706
segment	0.8052	0.0557	0.8532	0.7721	0.1288
segmentation	0.7376	0.2624	0.7424	0.4692	0.7306
segmentO	0.6926	0.3074	0.7324	0.3431	0.4951
seismic	0.8450	0.1550	0.6233	0.2135	0.5833
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.7184	0.2816	0.5336	0.0623	0.7211
sens-10-gram	0.1916	0.8084	0.5515	0.0188	0.3100
sens-2-gram	0.6553	0.3447	0.5725	0.1149	0.6435
sens-3-gram	0.6816	0.3184	0.6143	0.1824	0.6322
sens-4-gram	0.6184	0.3816	0.5561	0.0841	0.6260
sens-5-gram	0.3711	0.6289	0.5612	0.0540	0.4430
sens-6-gram	0.2079	0.7921	0.5572	0.0247	0.3106

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.1921	0.8079	0.5519	0.0193	0.3068
sens-8-gram	0.1763	0.8237	0.5291	0.0095	0.3260
sens-9-gram	0.1763	0.8237	0.5465	0.0141	0.3031
sensorless	0.6682	0.0603	0.6751	0.6350	0.2354
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.7591	0.2409	0.6986	0.3531	0.6607
shuttle	0.9069	0.0266	0.6876	0.7079	0.3309
sick	0.5517	0.4483	0.6079	0.0930	0.3296
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9238	0.0762	0.8793	0.7542	0.3994
skin10%	0.9179	0.0821	0.8692	0.7315	0.4098
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2200	0.3900	0.2061	-0.0021	0.4762
smk_can_187	0.7368	0.2632	0.7531	0.4809	0.6961
smoking	0.6955	0.3045	0.7096	0.3985	0.7652
soil_pollution	0.2000	0.3200	0.2031	-0.0011	0.8676
solar-flare	0.6763	0.1079	0.6045	0.5906	0.2152
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9118	0.0093	0.9592	0.9037	0.0391
spam-detection	0.9350	0.0650	0.7796	0.5442	0.4924
spambase	0.6739	0.3261	0.7428	0.3991	0.5821
spect	0.6667	0.3333	0.7404	0.3721	0.5239
spectf	0.7143	0.2857	0.7742	0.4615	0.5283
spectrometer	0.4528	0.0228	0.1933	0.4252	0.1373
splice-EI	0.9369	0.0631	0.9265	0.8444	0.3639
splice-IE	0.8139	0.1861	0.8228	0.5918	0.5348
sport-articles	0.8100	0.1900	0.7922	0.5808	0.6508
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.7097	0.2903	0.6954	0.2228	0.4490
steel_industry	0.7138	0.1908	0.6795	0.5429	0.5025
steel-b	0.5538	0.4462	0.6702	0.2291	0.5535
steel-d	0.7795	0.2205	0.6175	0.1085	0.2968
steel-k	0.9590	0.0410	0.9356	0.8693	0.2472
steel-o	0.5641	0.4359	0.6659	0.2402	0.6540
steel-p	0.6615	0.3385	0.6898	0.2193	0.3841
steel-s	0.9333	0.0667	0.7776	0.4890	0.5434
steel-z	0.8513	0.1487	0.7677	0.4672	0.5689
stellar	0.6573	0.2285	0.4823	0.3285	0.4513
stock	0.7986	0.2014	0.6225	0.2396	0.7750
stockb	0.7885	0.1410	0.7862	0.6829	0.3612
streaming	0.8200	0.1800	0.8191	0.6376	0.6263
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.3700	0.2520	0.3270	0.1600	0.6403
student-depression	0.4143	0.5857	0.2930	0.0000	0.5267
student-habits	0.3700	0.2520	0.1762	0.0240	0.5979
student-weekend	0.2154	0.3138	0.2091	0.0175	0.7719
student-workday	0.5469	0.1812	0.1882	0.1703	0.6073
studentap	0.4615	0.3590	0.5296	0.2155	0.5746
susy	0.7216	0.2776	0.7277	0.4431	0.7929
susy1%	0.7292	0.2708	0.7351	0.4381	0.6998
susy10%	0.7245	0.2755	0.7300	0.4282	0.7086
swarm_aligned	0.5044	0.4956	0.6647	0.1945	0.5258
swarm_flocking	0.8539	0.1461	0.8541	0.7077	0.5494
swarm_grouped	0.9367	0.0633	0.9344	0.8604	0.2165
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8153	0.1847	0.7882	0.5666	0.6586
texture	0.7436	0.0466	0.7599	0.7179	0.2149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.8985	0.1015	0.8996	0.7849	0.3419
thoracic	0.5319	0.4681	0.4462	-0.0816	0.6777
thrombin	0.9738	0.0262	0.4934	-0.0084	0.5340
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	0.7263	0.2737	0.6775	0.3473	0.8018
tis	0.8145	0.1855	0.7850	0.5561	0.6564
tis10%	0.7687	0.2313	0.6980	0.3953	0.7673
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5294	0.4706	0.6034	0.1605	0.7799
toxicity-13f	0.8235	0.1765	0.8020	0.5984	0.6209
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.4920	-0.0141	0.8877
trec11-wc	0.0488	0.2114	0.1354	0.0244	0.3609
trec12-wc	0.1613	0.2097	0.2024	0.0974	0.3853
trec21-wc	0.0303	0.3232	0.0667	0.0000	0.3501
trec23-wc	0.1429	0.2857	0.1518	0.0455	0.4205
trec31-wc	0.0000	0.2857	0.0000	-0.0017	0.4306
trec41-wc	0.0455	0.1909	0.1885	0.0326	0.3686
trec45-wc	0.0725	0.1855	0.1958	0.0481	0.4092
tuandromd	0.2623	0.7377	0.5706	0.0321	0.4069
turkish	0.7500	0.1250	0.7591	0.6667	0.3226
tvnews	0.8161	0.1839	0.8039	0.6074	0.6494
tvnews1%	0.8769	0.1231	0.8663	0.7287	0.4872
tvnews10%	0.7965	0.2035	0.7913	0.5775	0.6705
ur3_cobotops_grip	0.8476	0.1524	0.5484	0.0615	0.3869
ur3_cobotops_stop	0.6109	0.3891	0.5986	0.0650	0.2346
urban	0.7015	0.0663	0.7371	0.6517	0.2389
urinalysis	0.0559	0.9441	0.0530	0.0000	0.1445
url-rep1%	0.3356	0.6644	0.2512	0.0000	0.5011
ustilago	0.8832	0.1168	0.6562	0.1053	0.1887
ustilago1%	0.9805	0.0195	0.5678	0.1332	0.5326
ustilago10%	0.9045	0.0955	0.6418	0.1174	0.2318
vehicle	0.3571	0.3214	0.3626	0.1575	0.6114
vehicleVAN	0.6429	0.3571	0.6590	0.2771	0.7362
voice	0.5833	0.4167	0.7044	0.2857	0.5302
vote	0.9535	0.0465	0.9555	0.9071	0.2027
vowel	0.5859	0.0753	0.6218	0.5444	0.1977
vowelZ	0.9596	0.0404	0.9072	0.7963	0.4472
vrnormat310k-hg16-17	0.7641	0.2359	0.6883	0.2847	0.5324
wap-wc	0.0577	0.0942	0.1740	0.0501	0.3672
warpar10p	0.6154	0.0769	0.4950	0.5667	0.1183
warppie10p	0.8095	0.0381	0.8163	0.7879	0.0879
watch-acc	0.4707	0.1512	0.4571	0.3790	0.5170
watch-acc1%	0.4696	0.1515	0.4617	0.3781	0.5016
watch-acc10%	0.4708	0.1512	0.4559	0.3791	0.5169
watch-gyr	0.4549	0.1557	0.4608	0.3617	0.5225
watch-gyr1%	0.4454	0.1585	0.4524	0.3500	0.5164
watch-gyr10%	0.4567	0.1552	0.4637	0.3638	0.5167
water_pollution	0.2600	0.3700	0.2572	0.0156	0.8460
waveform	0.8000	0.1333	0.8152	0.7001	0.3411
weather-related	0.8962	0.0189	0.9187	0.8831	0.0799
web-phishing	0.7926	0.1383	0.6019	0.6205	0.5023
Weekly	0.7963	0.2037	0.8156	0.5677	0.4168
weight-lift	0.2104	0.3158	0.3199	0.0417	0.4536
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9800	0.0100	0.9807	0.9733	0.0413

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9193	0.0807	0.5967	0.1928	0.6386
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5031	0.1656	0.2501	0.2308	0.6276
winequality-white	0.4192	0.1659	0.2305	0.1759	0.6317
winnipeg	0.9113	0.0254	0.8833	0.8887	0.1977
winnipeg10%	0.9236	0.0218	0.8921	0.9039	0.1923
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.8125	0.0250	0.8163	0.7992	0.0472
yeast	0.5203	0.0959	0.2925	0.3871	0.4459
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9392	0.0608	0.7807	0.4478	0.4858
yeastME1	0.9392	0.0608	0.7807	0.4478	0.4858
yeastME2	0.9054	0.0946	0.5912	0.1745	0.6043
zip	0.7882	0.0424	0.7816	0.7628	0.2429

Table 308: Detailed results for GOSDT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1175	0.0609	0.0073	0.0000	0.3403
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.3333	0.2222	0.1682	0.2000	0.3406
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.7880	0.2120	0.7905	0.5761	0.6740
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.7079	0.1169	0.1658	0.0000	0.2204
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8136	0.0932	0.4100	0.6228	0.2401
anuran-genus	0.7399	0.0650	0.1959	0.5297	0.2139
anuran-species	0.6153	0.0769	0.1456	0.4239	0.2162
anxiety	0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality	0.5850	0.4150	0.5895	0.1700	0.9136
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.5556	0.0684	0.0549	0.0000	0.2376
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.4348	0.0471	0.0538	0.2864	0.2017
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.5500	0.1500	0.2491	0.3571	0.2693
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.6290	0.2473	0.4334	0.3030	0.4915
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.8686	0.1314	0.8685	0.7357	0.5153
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.7811	0.2189	0.7594	0.4745	0.6011
basehock	0.7035	0.2965	0.7506	0.4087	0.5360
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.7143	0.2857	0.6852	0.3571	0.7939
biomed	0.8571	0.1429	0.8568	0.6736	0.3386
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.4291	0.2854	0.2885	0.2388	0.4229
bookings	0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-tissue	0.6364	0.1212	0.5146	0.5464	0.2057
bridges	0.6000	0.1143	0.2500	0.2593	0.2276
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9130	0.0870	0.9164	0.8189	0.3522
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.5305	0.0939	0.2118	0.4049	0.2549
cardiotocography-nsp	0.7793	0.1471	0.2920	0.0000	0.2332
cardiovascular	0.7115	0.2885	0.7151	0.4230	0.7867
cargo2k	0.6827	0.2115	0.5764	0.5168	0.1744
cars	0.6250	0.2500	0.2564	0.0000	0.3255
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.6385	0.3615	0.6336	0.2637	0.8875
cas_N6512_RDkit_pattern_FP	0.6518	0.3482	0.6476	0.2930	0.8759
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.9262	0.0369	0.6988	0.8891	0.1188
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
cirrhosis	0.5952	0.2698	0.3692	0.1119	0.4521
cjs	0.4464	0.1845	0.2061	0.2877	0.2340
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.5324	0.2338	0.2963	0.2225	0.4549
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.4167	0.3889	0.2805	-0.0769	0.5868
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.3822	0.1123	0.0969	0.2066	0.3315
college	0.8312	0.1688	0.7842	0.5680	0.6543
collins	0.3000	0.0933	0.0617	0.1769	0.2740
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.5665	0.6200	0.1957
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.6202	0.3798	0.6262	0.2423	0.8820
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.6334	0.1048	0.1950	0.3483	0.2917
covtype10%	0.6303	0.1056	0.1940	0.3425	0.2931
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.7000	0.1500	0.6364	0.6000	0.1630
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.5556	0.4444	0.3571	0.0000	0.5164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cylinder-bands	0.7037	0.2963	0.7024	0.3504	0.6949
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
day1%	0.9186	0.0814	0.9182	0.8294	0.3731
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.7838	0.0721	0.6086	0.7249	0.1129
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.7000	0.3000	0.7185	0.4000	0.7215
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.9167	0.0833	0.9226	0.8333	0.3145
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6007	0.1597	0.2862	0.3988	0.3212
dishonest	0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome	0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.6667	0.3333	0.6543	0.2500	0.7414
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.8064	0.1936	0.7914	0.5494	0.5653
dropout	0.7201	0.1866	0.5232	0.5018	0.3741
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3989	0.1717	0.1584	0.2181	0.3829
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1368	0.0979	0.0000	0.2706
drug-17	0.3245	0.1930	0.0700	0.0000	0.3521
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.4262	0.1640	0.1807	0.2656	0.3122

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ecoli	0.7647	0.0588	0.3134	0.6531	0.1225
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.1387	0.1077	0.0152	0.0000	0.3662
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4932	0.2027	0.2821	0.2995	0.3217
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq10%	0.8555	0.1446	0.8557	0.7107	0.5467
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.7077	0.2923	0.7149	0.3980	0.7327
fbis-wc	0.3577	0.0756	0.0705	0.2023	0.2928
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.6335	0.1222	0.2168	0.3235	0.2218
fishcatch	0.6875	0.1042	0.4017	0.5855	0.1296
flags	0.4000	0.1500	0.2171	0.2405	0.3035
fonts10%	0.1125	0.0116	0.0013	0.0000	0.3383
forest	0.5769	0.2115	0.3713	0.3979	0.1951
gastrointestinal	0.6250	0.2500	0.4710	0.3684	0.3556
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.5110	0.3260	0.2255	0.0000	0.3731
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.3570	0.3215	0.2678	0.1444	0.4484
gina	0.7464	0.2536	0.7484	0.4910	0.7403
glass	0.6190	0.1270	0.3749	0.4247	0.2176
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP	0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
glioma	0.6000	0.2000	0.3684	0.4118	0.2279
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.2576	0.1346	0.4553
gsalc	0.1111	0.2963	0.0667	0.0000	0.3854
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
har	0.2844	0.2862	0.0886	0.0000	0.3861
har701%	0.6810	0.0911	0.2304	0.4728	0.1713
har7010%	0.6769	0.0923	0.2288	0.4663	0.1787
harth1%	0.6097	0.0651	0.1242	0.4296	0.2151
hayes-roth	0.3750	0.4167	0.2790	-0.0458	0.6275
hcc-survival	0.5294	0.4706	0.5352	0.0685	0.9552
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.7419	0.2581	0.7448	0.4855	0.7510
heart-c	0.6667	0.3333	0.6637	0.3243	0.8571
heart-failure	0.8520	0.1480	0.8222	0.6310	0.5370
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.5309	0.4691	0.3468	0.0000	0.5229
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.5000	0.2500	0.3778	0.3333	0.2731
ionosphere	0.8000	0.2000	0.7710	0.4394	0.3785
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9800	0.9592	0.1023
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.2841	0.1591	0.0975	0.1534	0.3931
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007	0.1521	0.2120	0.0330	0.0000	0.3783
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.7854	0.0187	0.0742	0.6213	0.0721
kepler	0.7542	0.1639	0.5540	0.5826	0.2188
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9000	0.1000	0.8933	0.7867	0.4462
krkopt	0.1626	0.0930	0.0155	0.0000	0.3433
krvskp	0.9122	0.0878	0.9126	0.8235	0.3848
la1s-wc	0.4571	0.1810	0.2331	0.2409	0.3529
la2s-wc	0.4437	0.1854	0.2282	0.2168	0.3550
labor	0.6667	0.3333	0.6250	0.2500	0.8750
led24	0.3000	0.1400	0.0930	0.1765	0.2788
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
leukemia	0.7143	0.1905	0.5528	0.5484	0.2450
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.6765	0.3235	0.4035	0.0000	0.4580
loan	0.9696	0.0304	0.9687	0.9361	0.1901
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.5660	0.0868	0.1412	0.3664	0.1998
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.3750	0.1786	0.1626	0.2000	0.2219
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4014	0.5882	0.2627
lymphoma2	0.5556	0.0988	0.1481	0.3333	0.1709
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.6115	0.3885	0.6116	0.2231	0.9182

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8261	0.6402	0.5767
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.5545	0.2970	0.4598	0.3048	0.4688
math	0.7500	0.1250	0.4164	0.5807	0.2112
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.6667	0.1667	0.6316	0.5556	0.1994
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.5652	0.4348	0.3611	0.0000	0.5133
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.5556	0.2222	0.4555	0.3684	0.4355
meter-D	0.7778	0.1111	0.6252	0.6828	0.2443
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.2000	0.1600	0.0763	0.1111	0.3614
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot	0.2778	0.1806	0.1090	0.1613	0.2709
milk	0.8302	0.1132	0.8152	0.7404	0.3185
mines	0.4412	0.2235	0.2640	0.2870	0.3071
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	0.8831	0.1169	0.8900	0.7675	0.4161
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.8609	0.1391	0.8665	0.7217	0.4855
NCI60	0.3333	0.2222	0.2564	0.2000	0.2590
nci9	0.0000	0.2222	0.0000	-0.0588	0.3172
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT	0.9048	0.0952	0.8662	0.6957	0.5000
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.8529	0.1471	0.8212	0.6424	0.6015
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.7631	0.0948	0.4789	0.6473	0.1648
obesity	0.2938	0.2018	0.1378	0.1584	0.3976
obs	0.7222	0.1389	0.6742	0.5609	0.1695
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
Occupancy_Estimation	0.8124	0.0938	0.2241	0.0000	0.1814
oh0-wc	0.3564	0.1287	0.1498	0.2152	0.3055
oh10-wc	0.2571	0.1486	0.1198	0.1136	0.3804
oh15-wc	0.3152	0.1370	0.1031	0.1711	0.3819
oh5-wc	0.2418	0.1516	0.1252	0.1026	0.3853
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.4737	0.1170	0.1365	0.2910	0.2287
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
optdigits	0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7222	0.2778	0.7232	0.4450	0.7871
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.9583	0.0417	0.9592	0.9151	0.2119
parkinsons	0.7536	0.2464	0.7316	0.4323	0.6884
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle10%	0.8238	0.1762	0.7691	0.5280	0.6417
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.4706	0.1513	0.2259	0.3077	0.2554
pendigits	0.2029	0.1594	0.0710	0.1122	0.3687
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7813	0.2187	0.7641	0.4944	0.6231
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL10%	0.9970	0.0030	0.9970	0.9939	0.0223
phone-acc0.1%	0.2802	0.2056	0.1559	0.1386	0.4088
phone-gyr0.1%	0.3108	0.1969	0.1417	0.1744	0.3329
phoneme	0.7167	0.2833	0.4175	0.0000	0.4290
phy	0.6650	0.3350	0.6650	0.3299	0.8632
pima	0.6053	0.3947	0.3770	0.0000	0.4977
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.7380	0.2620	0.7337	0.4668	0.7701
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1001	0.0666	0.0000	0.1726
poker1%	0.4995	0.1001	0.0666	0.0000	0.1727
poker10%	0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.6422	0.3578	0.3910	0.0000	0.4790
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc	0.5588	0.4412	0.5598	0.1176	0.9547
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.1818	0.0744	0.0140	0.0000	0.3153
profb	0.6716	0.3284	0.4018	0.0000	0.4612

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.7857	0.2143	0.8028	0.5333	0.4205
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.5775	0.1690	0.2900	0.3997	0.2956
puc-rio10%	0.5842	0.1663	0.2934	0.4091	0.2860
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%	0.2426	0.0369	0.0095	0.0000	0.3161
re0-wc	0.5533	0.0687	0.1165	0.3062	0.2746
re1-wc	0.4036	0.0477	0.0503	0.2394	0.2814
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.6120	0.0119	0.0242	0.4286	0.1768
rice	0.9819	0.0181	0.9817	0.9633	0.1163
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
satimage	0.6159	0.1280	0.3707	0.5042	0.2834
satimageF	0.8911	0.1089	0.4712	0.0000	0.2371
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.5714	0.1224	0.3487	0.4474	0.2036
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.2424	0.2165	0.1127	0.1374	0.3736
segmentation	0.7871	0.2129	0.7687	0.5374	0.7066
segmentO	0.8528	0.1472	0.4603	0.0000	0.2903
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.6691	0.1103	0.4455	0.5675	0.1476

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.3676	0.0666	0.0961	0.2712	0.2577
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.7913	0.2087	0.7792	0.5419	0.6440
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.1132	0.0369	0.0042	0.0000	0.3421
splice-EI	0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE	0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles	0.7800	0.2200	0.7641	0.5281	0.7159
squash-stored	0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.6584	0.2277	0.5268	0.4595	0.3187
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9538	0.0462	0.9273	0.8516	0.2615
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.6608	0.2261	0.5684	0.4923	0.1907
streaming	0.9020	0.0980	0.9012	0.8023	0.4289
stress	0.5714	0.1714	0.5050	0.4683	0.2020
student-lifestyle	0.6250	0.1500	0.2762	0.3606	0.3313
student-depression	0.7767	0.2233	0.7672	0.5307	0.7042
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
tae	0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.6773	0.3227	0.4038	0.0000	0.4575
tourist	0.5000	0.1667	0.1212	0.0857	0.2472
tox_171	0.4706	0.2647	0.3269	0.3077	0.2576
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.4634	0.1192	0.1753	0.2382	0.2764
trec12-wc	0.3548	0.1613	0.1492	0.1948	0.3650
trec21-wc	0.6970	0.1010	0.1369	0.0000	0.2028
trec23-wc	0.6667	0.1111	0.2764	0.5100	0.1670
trec31-wc	0.5806	0.1198	0.2221	0.4068	0.2341
trec41-wc	0.4886	0.1023	0.1617	0.3016	0.2373
trec45-wc	0.3913	0.1217	0.1414	0.2502	0.2951
tuandromd	0.9395	0.0605	0.9029	0.8031	0.3463
turkish	0.4000	0.3000	0.2693	0.2000	0.4245
tvnews1%	0.7923	0.2077	0.7745	0.5143	0.5977
tvnews10%	0.7618	0.2382	0.7348	0.4549	0.7177

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.3731	0.1393	0.1226	0.2282	0.2704
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%	0.9245	0.0755	0.9221	0.8375	0.3654
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.3571	0.3214	0.2459	0.1894	0.4207
vehicleVAN	0.7500	0.2500	0.4286	0.0000	0.4011
voice	0.7500	0.2500	0.7252	0.3077	0.4205
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2949	0.0705	0.0420	0.1312	0.3248
warpar10p	0.1538	0.1692	0.0612	0.0833	0.3221
warppie10p	0.1429	0.1714	0.0469	0.0526	0.3808
watch-acc1%	0.2821	0.2051	0.1332	0.1421	0.4124
watch-gyr1%	0.2692	0.2088	0.1196	0.1335	0.3723
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.5560	0.2960	0.4496	0.3332	0.4803
weather-related	0.3558	0.1171	0.1350	0.2113	0.3123
web-phishing	0.8000	0.1333	0.5513	0.6221	0.3391
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc	0.9500	0.0250	0.9511	0.9333	0.0857
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.8824	0.0784	0.8357	0.7821	0.1442
winequality-red	0.5597	0.1468	0.2048	0.2520	0.3395
winequality-white	0.4479	0.1578	0.0884	0.0000	0.2575
wisc_bc	0.8772	0.1228	0.8670	0.7335	0.5056
yeast	0.2365	0.1527	0.0383	0.0000	0.3028
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

Table 309: Detailed results for GPCD

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0217	0.0932	0.0021	0.0001	0.4022
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9726	0.0274	0.9413	0.8785	0.1617
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_MACCSFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878	0.8095	0.1905	0.5447	0.0437	0.6386
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9029	0.0971	0.4745	-0.0425	0.6928
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8545	0.1455	0.7886	0.5630	0.5768
air_pollution	0.1000	0.2571	0.0260	0.0000	0.3721
alcohol	0.7524	0.0990	0.2637	0.3917	0.2405
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8558	0.1442	0.8403	0.6798	0.5623
anneal	0.9663	0.0135	0.9674	0.9317	0.1118
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family	0.0097	0.4951	0.0048	0.0000	0.3273
anuran-genus	0.0431	0.2392	0.0103	0.0000	0.2808
anuran-species	0.0153	0.1969	0.0030	0.0000	0.3304
anxiety	0.0833	0.2037	0.0821	-0.0336	0.8277
apple-quality	0.7325	0.2675	0.7338	0.4650	0.7694
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.7556	0.0489	0.5472	0.5892	0.2219
auction	0.8971	0.1029	0.7211	0.3859	0.5057
audiology	0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.7500	0.1000	0.7586	0.6667	0.2594
babies	0.4355	0.1613	0.1831	0.1066	0.4376
balance	0.8710	0.0860	0.6007	0.7578	0.2255
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.9698	0.0302	0.9698	0.9397	0.1825
bio10%	0.9959	0.0041	0.9030	0.7980	0.4348
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
body-perf	0.5873	0.2063	0.5764	0.4498	0.5234
brain-tumor	0.5080	0.4920	0.5079	0.0159	0.9953
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6525	0.6970	0.0841
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4890	0.3407	0.2536	-0.0065	0.3863
car	0.2471	0.3764	0.2102	0.0452	0.3101
car-insurance	0.8330	0.1670	0.8021	0.6031	0.6293
card	0.9130	0.0870	0.9108	0.8216	0.3987
cardiotocography	0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp	0.8920	0.0720	0.7995	0.7031	0.3667
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6275	0.5186	0.5086
cas_N6512_cdk_ECFP2	0.7527	0.2473	0.7505	0.5005	0.7461
cas_N6512_rdkit_ATOMPAIR	0.7446	0.2554	0.7427	0.4852	0.7594
cas_N6512_RDkit_AtomPair_FP	0.7439	0.2561	0.7415	0.4814	0.7570
cas_N6512_rdkit_AVALON	0.7711	0.2289	0.7700	0.5400	0.7168
cas_N6512_RDkit_Avalon_FP	0.7929	0.2071	0.7923	0.5843	0.6780
cas_N6512_rdkit_descriptors	0.7523	0.2477	0.7512	0.5023	0.7473
cas_N6512_rdkit_FEATMORGAN	0.7588	0.2412	0.7568	0.5134	0.7368
cas_N6512_RDkit_Featmorgan_FP	0.7607	0.2393	0.7590	0.5180	0.7341
cas_N6512_RDkit_FP	0.7147	0.2853	0.7125	0.4247	0.8026
cas_N6512_rdkit_LAYERED	0.7615	0.2385	0.7604	0.5208	0.7326
cas_N6512_RDkit_Layered_FP	0.7500	0.2500	0.7479	0.4953	0.7503
cas_N6512_rdkit_MACCS	0.7631	0.2369	0.7611	0.5186	0.7211
cas_N6512_RDkit_MACCS_FP	0.7581	0.2419	0.7568	0.5135	0.7383
cas_N6512_rdkit_MORGAN	0.7538	0.2462	0.7517	0.5026	0.7436
cas_N6512_RDkit_morgan_FP	0.7684	0.2316	0.7670	0.5340	0.7216
cas_N6512_rdkit_PATTERN	0.7800	0.2200	0.7790	0.5579	0.7016
cas_N6512_RDkit_pattern_FP	0.7991	0.2009	0.7986	0.5968	0.6663
cas_N6512_rdkit_RDKITFP	0.7250	0.2750	0.7237	0.4473	0.7880
cas_N6512_rdkit_TORSION	0.7266	0.2734	0.7238	0.4465	0.7847
ccds1%	0.9643	0.0357	0.6933	0.1289	0.1053
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8031	0.1969	0.7892	0.5771	0.6746
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5532	0.2040
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9468	0.0532	0.5422	0.0403	0.4723
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.3120	0.3440	0.2870	0.0127	0.3379
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml	0.8727	0.1273	0.6852	0.2946	0.5340
ci900367j_MACCS	0.7158	0.2842	0.6910	0.3794	0.8107
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575
cjs	0.1321	0.2893	0.1211	0.0053	0.4404
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7722	0.1139	0.4978	0.6260	0.2943

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4762	0.3492	0.4450	0.1627	0.7563
cnae-9	0.8611	0.0309	0.8192	0.8438	0.0909
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.6200	0.0507	0.5118	0.5761	0.1788
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
cottonmeloidogyne	0.7716	0.2284	0.7716	0.5432	0.7149
coupon	0.6814	0.3186	0.6718	0.3421	0.8468
covtypeCD	0.9458	0.0542	0.8789	0.7535	0.3729
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans10%	0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced	0.8802	0.0399	0.6526	0.7442	0.2878
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.2188	0.0488	0.1731	0.1935	0.1586
cybersecurity	0.1633	0.2789	0.0468	0.0000	0.4027
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.5926	0.4074	0.6292	0.0496	0.5062
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8147	0.1853	0.6859	0.3008	0.5989
defect	0.8827	0.1173	0.7477	0.4323	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.6333	0.3667	0.6384	0.2667	0.8705
df_final	0.7500	0.1667	0.7616	0.6098	0.2841
DIA	0.7000	0.3000	0.6175	0.2340	0.8389
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetic1%	0.5882	0.2745	0.4986	0.2472	0.6535
diabetic10%	0.5255	0.3163	0.3468	0.0881	0.6539
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9000	0.0500	0.8599	0.8594	0.1039
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6250	0.3750	0.6343	0.2603	0.8728
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9217	0.0783	0.7206	0.3677	0.4371
dota210%	0.5680	0.4320	0.5645	0.1283	0.9545
drebin	0.9788	0.0212	0.9775	0.9550	0.1454
dropout	0.7652	0.1565	0.6778	0.6011	0.4577
drug-01	0.4202	0.1657	0.1676	0.0827	0.5155
drug-02	0.5000	0.1429	0.1636	0.1002	0.5435
drug-03	0.6809	0.1064	0.1570	0.0504	0.3490

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-04	0.5213	0.1368	0.2077	0.0826	0.4353
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.2178	0.2469	0.4862
drug-07	0.4521	0.1826	0.1589	0.0622	0.3826
drug-08	0.5638	0.1246	0.2096	0.1267	0.4212
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.2216	0.1488	0.3650
drug-11	0.8511	0.0426	0.1317	0.0277	0.1222
drug-12	0.7872	0.0709	0.1468	-0.0056	0.3023
drug-13	0.6223	0.1079	0.2516	0.2348	0.3682
drug-14	0.6011	0.1140	0.2882	0.2552	0.3949
drug-15	0.7447	0.0729	0.1231	0.0221	0.2863
drug-16	0.6117	0.1294	0.3327	0.3447	0.4135
drug-17	0.3723	0.1793	0.1790	0.1241	0.4899
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7553	0.0699	0.1233	-0.0042	0.2725
drybean	0.1954	0.2299	0.0883	0.0028	0.4046
ecoli	0.8235	0.0588	0.5714	0.7497	0.1717
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2689	0.0267	0.8337
eeg-eye	0.6028	0.3972	0.5905	0.1695	0.9035
eeg10%	0.0203	0.1225	0.0105	0.0020	0.4088
eucalyptus	0.4521	0.2192	0.4504	0.2831	0.3983
euthyroid	0.9652	0.0348	0.8948	0.7813	0.2675
fakenews	0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads	0.9082	0.0918	0.9081	0.8149	0.3988
fbis-wc	0.8659	0.0158	0.8507	0.8471	0.0910
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7843	0.2157	0.7838	0.5558	0.6604
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.6000	0.1143	0.3777	0.4904	0.3087
forest	0.9231	0.0385	0.9071	0.8932	0.0993
gastrointestinal	0.6875	0.2083	0.6932	0.4805	0.4507
gender	0.6000	0.2667	0.3792	0.1413	0.5118
gene	0.9211	0.0526	0.9088	0.8736	0.2189
german	0.7600	0.2400	0.7248	0.4103	0.6710
gestures	0.3416	0.3292	0.3406	0.1222	0.8006
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.9643	0.0357	0.9643	0.9286	0.2074
glass	0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.5311	0.2638	0.4346
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.5793	0.1045	0.7293

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9038	0.8058	0.4189
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6600	0.3400	0.6573	0.3121	0.8655
higher	0.2143	0.1964	0.0833	0.0888	0.3128
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9292	0.0708	0.8711	0.7413	0.4416
hiva	0.9574	0.0426	0.4891	-0.0120	0.5357
horse	0.6667	0.2222	0.6246	0.4293	0.5730
hr	0.8596	0.1404	0.4623	-0.0069	0.4101
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9443	0.0279	0.6118	0.5780	0.3101
hypothyroidT	0.9549	0.0451	0.8202	0.5658	0.1285
ilpd	0.7288	0.2712	0.6138	0.1243	0.6306
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.3560	0.3220	0.4382	0.1413	0.3692
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.9333	0.0444	0.9303	0.8980	0.0943
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8127	0.1873	0.6151	0.1315	0.5813
jvowels	0.0783	0.2048	0.0161	0.0000	0.4083
kc1	0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.7584	0.1611	0.5588	0.5926	0.2035
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krvskp	0.9592	0.0408	0.9597	0.9185	0.2215
la1s-wc	0.8794	0.0402	0.8563	0.8482	0.2260
la2s-wc	0.8775	0.0408	0.8638	0.8456	0.2179
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.0294	0.0844	0.0025	0.0000	0.4116
led24	0.7500	0.0556	0.7588	0.7151	0.1364
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.0833	0.1222	0.0103	0.0000	0.4070
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9180	0.0820	0.9123	0.8240	0.3820
lrs	0.8113	0.0539	0.4724	0.7355	0.1262
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5731	0.4269	0.5741	0.1462	0.9445
magic04	0.7817	0.2183	0.7523	0.4971	0.7031
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.4688	0.5312	0.3191	0.0000	0.5307
marketing	0.9018	0.0982	0.7768	0.5110	0.4530
maternal	0.6337	0.2442	0.6411	0.4348	0.5369
math	0.7500	0.1250	0.7463	0.6040	0.2915
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2400	0.3040	0.2439	0.0485	0.8375
messidor	0.7304	0.2696	0.7342	0.4627	0.7633
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.8003	0.6104	0.2026
meter-D	0.7778	0.1111	0.6350	0.6856	0.1970
mfeat-fac	0.0950	0.1810	0.0174	-0.0056	0.4393
mfeat-fou	0.1100	0.1780	0.0690	0.0111	0.4112
mfeat-kar	0.0900	0.1820	0.0327	-0.0111	0.4638
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.9550	0.0090	0.9562	0.9500	0.0513
mfeat-zer	0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot	0.0833	0.2292	0.0197	-0.0121	0.4581
milk	0.8774	0.0818	0.8811	0.8152	0.2779
mines	0.5294	0.1882	0.4915	0.4081	0.4161
mobile	0.0175	0.0351	0.0006	0.0000	0.4276
monks-1	0.6182	0.3818	0.6203	0.2326	0.8914
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
musk	0.9394	0.0606	0.8768	0.7290	0.2385
MUT_ci300400a_cdk_ECFP2	0.7974	0.2026	0.7899	0.5780	0.6708
MUT_ci300400a_cdk_ECFP4	0.8012	0.1988	0.7947	0.5890	0.6679
MUT_ci300400a_cdk_ECFP6	0.7617	0.2383	0.7527	0.5040	0.7347
MUT_ci300400a_cdk_ESTATE	0.7290	0.2710	0.7196	0.4387	0.7871
MUT_ci300400a_cdk_EXTENDED	0.7914	0.2086	0.7850	0.5699	0.6866
MUT_ci300400a_cdk_FCFP2	0.7796	0.2204	0.7724	0.5445	0.7072
MUT_ci300400a_cdk_FCFP4	0.7890	0.2110	0.7816	0.5625	0.6894
MUT_ci300400a_cdk_FCFP6	0.7962	0.2038	0.7904	0.5808	0.6779
MUT_ci300400a_cdk_MACCS	0.7590	0.2410	0.7491	0.4947	0.7346
MUT_ci300400a_cdk_PUBCHEM	0.8395	0.1605	0.8339	0.6669	0.5860
MUT_ci300400a_cdk_STANDARD	0.7880	0.2120	0.7826	0.5652	0.6923
MUT_ci300400a_rdkit_descriptors	0.7845	0.2155	0.7785	0.5566	0.6967
myocardial	0.8882	0.0279	0.3707	0.4690	0.0925
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4722	0.3519	0.2572	-0.0729	0.5653
nursery	0.9159	0.0421	0.6959	0.8754	0.1260

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
obesity	0.7156	0.0812	0.7076	0.6680	0.2797
obs	0.1481	0.4259	0.0645	0.0000	0.3807
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.0691	0.4654	0.0749	0.0017	0.3282
oh0-wc	0.0594	0.1881	0.0118	0.0005	0.4081
oh10-wc	0.7524	0.0495	0.7034	0.7172	0.2158
oh15-wc	0.7174	0.0565	0.6823	0.6788	0.2715
oh5-wc	0.8132	0.0374	0.8187	0.7888	0.1728
olive	0.0877	0.2027	0.0182	0.0003	0.3740
opn310k10%	0.9133	0.0867	0.6366	0.0549	0.2693
optdigits	0.1085	0.1783	0.0196	0.0000	0.4054
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr	0.0751	0.9249	0.0699	0.0000	0.1868
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8093	0.1907	0.7938	0.5858	0.6651
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8725	0.7450	0.5060
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.0183	0.3927	0.0072	0.0000	0.1151
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.7962	0.2038	0.7909	0.5784	0.6736
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle10%	0.8646	0.1354	0.8260	0.6471	0.5521
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4742	0.5258	0.4651	-0.0697	1.0000
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia	0.7647	0.0672	0.6748	0.7091	0.2028
pendigits	0.0965	0.1807	0.0483	0.0009	0.4205
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8017	0.1983	0.7870	0.5736	0.6747
pet-adoption	0.9200	0.0800	0.9103	0.8088	0.2835
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
phone-acc0.1%	0.1409	0.2455	0.0353	0.0000	0.4031
phone-gyr0.1%	0.1156	0.2527	0.0476	-0.0064	0.4705
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
pima	0.6974	0.3026	0.6735	0.3063	0.7532
placement	0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4917	0.1452	0.1310	-0.0093	0.2590
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd	0.9514	0.0486	0.5683	0.0325	0.3073
polish-4th	0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th	0.9306	0.0694	0.6122	0.1119	0.4175
polya	0.7859	0.2141	0.7608	0.5168	0.6994
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6338	0.2647	0.8906
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.5152	0.0746	0.4355	0.4618	0.2281
profb	0.8060	0.1940	0.7711	0.5330	0.6591
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8542	0.7083	0.5487

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.5311	0.1876	0.4500	0.4079	0.3913
pufs-641%	0.5021	0.4979	0.5021	0.0042	0.9988
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc	0.0200	0.1508	0.0031	0.0003	0.3593
re1-wc	0.0120	0.0790	0.0010	-0.0009	0.3606
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6038	0.3962	0.5735	0.1421	0.9265
satimage	0.2302	0.2566	0.0624	0.0000	0.3816
satimageF	0.9844	0.0156	0.9595	0.9188	0.1877
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.7792	0.0631	0.7435	0.7417	0.1664
segmentation	0.8168	0.1832	0.7977	0.5945	0.6489
segmentO	0.1472	0.8528	0.1283	0.0000	0.3180
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8553	0.1447	0.5273	0.0288	0.6297
sens-3-gram	0.8026	0.1974	0.5645	0.1290	0.7676
sens-4-gram	0.8184	0.1816	0.5924	0.1847	0.7574
sens-5-gram	0.8447	0.1553	0.5925	0.1733	0.7347
sens-6-gram	0.8421	0.1579	0.5196	0.0290	0.7247
shoppers	0.8856	0.1144	0.7440	0.4269	0.4764
sick	0.9576	0.0424	0.8062	0.5974	0.4224
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.1400	0.4300	0.1340	-0.1473	0.8783
smk_can_187	0.7895	0.2105	0.7889	0.5778	0.6844
soil_pollution	0.2033	0.3187	0.2056	0.0026	0.8626
solar-flare	0.7554	0.0815	0.6869	0.6850	0.1857
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection	0.9430	0.0570	0.8110	0.6114	0.4556
spambase	0.9130	0.0870	0.9089	0.8150	0.3758
spect	0.8400	0.1600	0.7253	0.2857	0.3145
spectf	0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer	0.0192	0.0727	0.0014	0.0000	0.4054
splice-EI	0.9558	0.0442	0.9434	0.8858	0.3029
splice-IE	0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles	0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel-b	0.8256	0.1744	0.7006	0.3742	0.6660
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.7590	0.2410	0.7225	0.4065	0.6756

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-p	0.9282	0.0718	0.7214	0.4253	0.5579
steel-s	0.0410	0.9590	0.0394	0.0000	0.1091
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stock	0.9167	0.0833	0.8521	0.7004	0.4623
stockb	0.9339	0.0441	0.9340	0.9009	0.1419
streaming	0.8000	0.2000	0.7975	0.5949	0.6667
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.0050	0.3980	0.0020	0.0000	0.3591
student-habits	0.4200	0.2320	0.1934	0.0791	0.4586
student-weekend	0.3385	0.2646	0.2131	0.0848	0.7165
student-workday	0.6719	0.1313	0.1686	0.1046	0.4707
studentap	0.5385	0.3077	0.5750	0.2642	0.4771
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.9020	0.0980	0.8726	0.7449	0.4736
texture	0.0818	0.1669	0.0141	-0.0030	0.4364
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9050	0.0950	0.8743	0.7484	0.4854
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.8824	0.0588	0.9083	0.8440	0.0951
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.9024	0.0217	0.7192	0.8783	0.0628
trec12-wc	0.9032	0.0242	0.9147	0.8824	0.0654
trec21-wc	0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc	0.7619	0.0794	0.7513	0.6769	0.2008
trec31-wc	0.9677	0.0108	0.9617	0.9570	0.0445
trec41-wc	0.8750	0.0250	0.7459	0.8451	0.1187
trec45-wc	0.8261	0.0348	0.7401	0.7970	0.1583
tuandromd	0.9818	0.0182	0.9711	0.9422	0.1819
turkish	0.8250	0.0875	0.8244	0.7667	0.1948
tvnews1%	0.9308	0.0692	0.9261	0.8520	0.3518
tvnews10%	0.9013	0.0987	0.8929	0.7844	0.4294
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.5373	0.1028	0.3929	0.4551	0.2621
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7500	0.1250	0.7316	0.6658	0.2148
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.4141	0.1065	0.3251	0.3556	0.2512
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.8141	0.0186	0.5822	0.7911	0.1077
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
water_pollution	0.2533	0.3733	0.2752	-0.0033	0.6823
waveform	0.8520	0.0987	0.8521	0.7780	0.3485
weather-related	0.9596	0.0073	0.9599	0.9542	0.0495
web-phishing	0.8148	0.1235	0.5642	0.6533	0.3988

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.2500	0.3750	0.1000	0.0000	0.4042
wilt	0.9545	0.0455	0.6776	0.2518	0.3790
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6038	0.1321	0.2741	0.3398	0.3671
winequality-white	0.5194	0.1602	0.2848	0.2119	0.4562
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.4662	0.1186	0.2387	0.2972	0.4107
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018

Table 310: Detailed results for GPCM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1494	0.0810	0.1030	0.0549	0.4962
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9573	0.0427	0.9070	0.8013	0.2025
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8357	0.1643	0.7558	0.4764	0.5784
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.6952	0.1219	0.1650	0.0158	0.2226
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8698	0.1302	0.8554	0.7027	0.4913
anneal	0.7528	0.0989	0.3223	0.2273	0.1945
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9930	0.0070	0.7359	0.2840	0.0285
anuran-family	0.9777	0.0111	0.9413	0.9574	0.0514
anuran-genus	0.9777	0.0056	0.9310	0.9633	0.0440
anuran-species	0.9792	0.0042	0.9552	0.9709	0.0281
anxiety	0.1167	0.1963	0.0417	-0.0047	0.4818
apple-quality	0.8825	0.1175	0.8829	0.7650	0.4769
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7354	0.4681	0.7547
arrhythmia	0.5556	0.0889	0.0714	0.0000	0.2612
auction	0.8971	0.1029	0.7216	0.3273	0.3784
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9857	0.0143	0.9820	0.9633	0.0649
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.4500	0.2200	0.2571	0.2143	0.3506
babies	0.4839	0.1475	0.1583	0.1785	0.3624
balance	0.9032	0.0645	0.6228	0.8178	0.1771
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9078	0.0922	0.9009	0.7918	0.3460
basehock	0.9447	0.0553	0.9449	0.8895	0.2828
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	0.9524	0.0476	0.9507	0.8966	0.1761

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
body-perf	0.6799	0.1601	0.6784	0.5731	0.4638
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue	0.5455	0.1515	0.3231	0.4211	0.1999
bridges	0.5000	0.1667	0.1111	0.0000	0.3136
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8678	0.0661	0.4296	0.7032	0.1784
car-insurance	0.8400	0.1600	0.8101	0.6187	0.6123
card	0.8406	0.1594	0.8355	0.6681	0.5759
cardiotocography	0.7606	0.0479	0.6252	0.7073	0.2107
cardiotocography-nsp	0.8967	0.0689	0.8094	0.6865	0.2602
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6121	0.4799	0.5538
cas_N6512_cdk_ECFP2	0.7527	0.2473	0.7516	0.5032	0.7465
cas_N6512_rdkit_ATOMPAIR	0.7354	0.2646	0.7338	0.4676	0.7733
cas_N6512_RDkit_AtomPair_FP	0.7500	0.2500	0.7479	0.4950	0.7499
cas_N6512_rdkit_AVALON	0.7942	0.2058	0.7927	0.5854	0.6765
cas_N6512_RDkit_Avalon_FP	0.8206	0.1794	0.8197	0.6394	0.6254
cas_N6512_rdkit_descriptors	0.7908	0.2092	0.7897	0.5794	0.6826
cas_N6512_rdkit_FEATMORGAN	0.7496	0.2504	0.7473	0.4936	0.7497
cas_N6512_RDkit_Featmorgan_FP	0.7822	0.2178	0.7806	0.5610	0.6977
cas_N6512_RDkit_FP	0.7531	0.2469	0.7511	0.5019	0.7460
cas_N6512_rdkit_LAYERED	0.7738	0.2262	0.7729	0.5458	0.7119
cas_N6512_RDkit_Layered_FP	0.7531	0.2469	0.7510	0.5014	0.7454
cas_N6512_rdkit_MACCS	0.7938	0.2062	0.7921	0.5823	0.6715
cas_N6512_RDkit_MACCS_FP	0.7858	0.2142	0.7852	0.5700	0.6907
cas_N6512_rdkit_MORGAN	0.8031	0.1969	0.8017	0.6013	0.6536
cas_N6512_RDkit_morgan_FP	0.7761	0.2239	0.7742	0.5474	0.7060
cas_N6512_rdkit_PATTERN	0.7646	0.2354	0.7642	0.5279	0.7263
cas_N6512_RDkit_pattern_FP	0.7699	0.2301	0.7696	0.5387	0.7173
cas_N6512_rdkit_RDKITFP	0.7942	0.2058	0.7926	0.5850	0.6757
cas_N6512_rdkit_TORSION	0.7484	0.2516	0.7466	0.4931	0.7539
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7712	0.5305	0.6587
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8540	0.1460	0.7473	0.4622	0.5776
churn-bigml	0.9064	0.0936	0.7925	0.4889	0.2217
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
cirrhosis	0.7143	0.1905	0.4812	0.4085	0.4137
cjs	0.9536	0.0155	0.9459	0.9433	0.0759
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8324	0.0838	0.5949	0.7295	0.2412
climate	0.9259	0.0741	0.4808	0.0000	0.1808

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5238	0.3175	0.4935	0.2435	0.7241
cnae-9	0.8241	0.0391	0.8429	0.8021	0.1709
coil20	0.9792	0.0021	0.9799	0.9781	0.0145
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.6748	0.2883	0.6939
colposcopies-2	0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6552	0.3448	0.6656	0.2995	0.7967
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne	0.7861	0.2139	0.7863	0.5722	0.6889
coupon	0.7437	0.2563	0.7364	0.4704	0.7595
covtypeCD	0.9811	0.0189	0.9591	0.9172	0.1505
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.1562	0.0527	0.0781	0.1290	0.2002
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands	0.7407	0.2593	0.7350	0.4449	0.7087
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
defect	0.8920	0.1080	0.7754	0.4607	0.3273
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8919	0.0360	0.7600	0.8632	0.0983
desharnais	0.5000	0.3333	0.3366	0.0303	0.5178
dexter	0.4333	0.5667	0.4137	-0.1333	0.9840
df_final	0.6875	0.2083	0.5238	0.5000	0.3294
DIA	0.7833	0.2167	0.6918	0.1875	0.3769
diabetes	0.9423	0.0577	0.9400	0.8793	0.3074
diabetic1%	0.5490	0.3007	0.3727	0.0328	0.4017
diabetic10%	0.5737	0.2842	0.4162	0.1509	0.5361
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9333	0.0333	0.9000	0.9067	0.0654
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.4167	0.5833	0.4000	-0.2000	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5806	0.4194	0.5767	0.1513	0.9416
drebin	0.9788	0.0212	0.9775	0.9548	0.1336
dropout	0.7720	0.1520	0.6851	0.6080	0.4225
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.1288	0.0593	0.3675
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5266	0.1353	0.1124	0.0415	0.3501
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2217	0.2751	0.3803
drug-07	0.4309	0.1897	0.1004	0.0000	0.2655

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-08	0.5479	0.1292	0.1051	0.0447	0.3135
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1538	0.1375	0.3501
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1768	0.2366	0.3138
drug-14	0.5851	0.1185	0.2159	0.2185	0.3937
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5745	0.1418	0.2034	0.2235	0.3361
drug-17	0.3564	0.1839	0.1772	0.0961	0.4560
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9243	0.0216	0.9379	0.9085	0.1239
ecoli	0.7647	0.0784	0.5206	0.6600	0.2198
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8254	0.6393	0.5094
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg-eye	0.8758	0.1242	0.8743	0.7481	0.4966
eeg10%	0.3824	0.0772	0.3436	0.3096	0.5255
eucalyptus	0.6027	0.1589	0.4989	0.4624	0.2844
euthyroid	0.9557	0.0443	0.8637	0.6866	0.1290
fakenews	0.5025	0.4975	0.5024	0.0048	0.9986
farm-ads	0.8913	0.1087	0.8961	0.7789	0.3774
fbis-wc	0.5650	0.0512	0.2811	0.4786	0.2452
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6275	0.3725	0.6190	0.2204	0.8673
fishcatch	0.8125	0.0625	0.6339	0.7500	0.0961
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.6731	0.1635	0.7390	0.5410	0.1738
gastrointestinal	0.7500	0.1667	0.7444	0.6000	0.3731
gender	0.6042	0.2639	0.3812	0.1445	0.5065
gene	0.9180	0.0547	0.9051	0.8671	0.2312
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.4212	0.2894	0.3144	0.2274	0.4023
gina	0.8646	0.1354	0.8674	0.7283	0.4972
gisette	0.9586	0.0414	0.9589	0.9171	0.2246
glass	0.6667	0.1111	0.4018	0.5000	0.2571
glass-g2	0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.2222	0.2593	0.2143	0.1127	0.3659
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hayes-roth	0.4375	0.3750	0.4950	0.0769	0.5872
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9720	0.0280	0.9673	0.9343	0.1697
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6736	0.3264	0.6712	0.3393	0.8484
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.8438	0.1562	0.8477	0.6825	0.5231
hiv1-proteasa	0.9022	0.0978	0.8089	0.5775	0.3983
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5556	0.2963	0.3499	0.1166	0.4893
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9793	0.0207	0.9351	0.8659	0.1634
hypothyroid	0.9310	0.0345	0.4458	0.4049	0.1508
hypothyroidT	0.9443	0.0557	0.7702	0.4129	0.1492
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9500	0.0250	0.9509	0.9333	0.1033
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8562	0.0111	0.8741	0.8505	0.1111
jm1	0.8237	0.1763	0.6536	0.2231	0.5911
jvowels	0.9749	0.0056	0.9735	0.9715	0.0417
kc1	0.8815	0.1185	0.7403	0.3730	0.3783
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9298	0.0702	0.4818	-0.0284	0.6486
kepler	0.8556	0.0962	0.8051	0.7603	0.2416
kidney-disease	0.9500	0.0500	0.9479	0.8904	0.1808
krvskp	0.9781	0.0219	0.9783	0.9561	0.1358
la1s-wc	0.6825	0.1058	0.6435	0.5909	0.3778
la2s-wc	0.7152	0.0949	0.6245	0.6268	0.3204
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.1176	0.0767	0.0254	0.0744	0.3294
led24	0.1500	0.1889	0.0290	0.0000	0.3934
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.3056	0.0926	0.3021	0.2586	0.2495
liver	0.8235	0.1765	0.7984	0.5968	0.6488
loan	0.9391	0.0609	0.9349	0.8694	0.3085
lrs	0.8302	0.0485	0.5166	0.7603	0.1379
lung	0.0476	0.3810	0.0182	0.0000	0.2983
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.1111	0.2963	0.0333	0.0000	0.3682
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.6346	0.3654	0.6355	0.2692	0.8913
magic04	0.8659	0.1341	0.8502	0.6945	0.5135
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8839	0.1161	0.7370	0.3147	0.2531
maternal	0.6436	0.2376	0.6483	0.4501	0.5235
math	0.6500	0.1750	0.3619	0.4080	0.2715
mba	0.8177	0.1215	0.3566	0.0482	0.3822
mental-disorders	0.5000	0.2500	0.3333	0.3333	0.3228
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6696	0.3304	0.6655	0.3308	0.8589
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.8125	0.6070	0.1886
meter-D	0.7222	0.1389	0.5919	0.6000	0.2616
mfeat-fac	0.9750	0.0050	0.9755	0.9722	0.0313
mfeat-fou	0.7850	0.0430	0.7842	0.7611	0.1751
mfeat-kar	0.9650	0.0070	0.9657	0.9611	0.0443
mfeat-mor	0.7250	0.0550	0.7278	0.6944	0.1841
mfeat-pix	0.9750	0.0050	0.9758	0.9722	0.0313
mfeat-zer	0.7900	0.0420	0.7866	0.7667	0.1424
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9434	0.0377	0.9337	0.9131	0.1271
mines	0.5588	0.1765	0.4172	0.4426	0.3000
mobile	0.4825	0.0185	0.4208	0.4731	0.1757
monks-1	0.7455	0.2545	0.7457	0.4901	0.7537
monks-2	0.8197	0.1803	0.8078	0.5438	0.3685
monks-3	0.9464	0.0536	0.9467	0.8929	0.2762
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
musk	0.9318	0.0682	0.8607	0.6848	0.2247
MUT_ci300400a_cdk_ECFP2	0.8058	0.1942	0.7988	0.5963	0.6560
MUT_ci300400a_cdk_ECFP4	0.8144	0.1856	0.8082	0.6161	0.6420
MUT_ci300400a_cdk_ECFP6	0.7665	0.2335	0.7572	0.5111	0.7224
MUT_ci300400a_cdk_ESTATE	0.7782	0.2218	0.7695	0.5357	0.7023
MUT_ci300400a_cdk_EXTENDED	0.8141	0.1859	0.8079	0.6152	0.6416
MUT_ci300400a_cdk_FCFP2	0.8204	0.1796	0.8140	0.6268	0.6270
MUT_ci300400a_cdk_FCFP4	0.7854	0.2146	0.7777	0.5545	0.6953
MUT_ci300400a_cdk_FCFP6	0.8058	0.1942	0.7988	0.5963	0.6560
MUT_ci300400a_cdk_MACCS	0.8094	0.1906	0.8023	0.6010	0.6415
MUT_ci300400a_cdk_PUBCHEM	0.8431	0.1569	0.8377	0.6742	0.5774
MUT_ci300400a_cdk_STANDARD	0.7940	0.2060	0.7860	0.5685	0.6721
MUT_ci300400a_rdkit_descriptors	0.8283	0.1717	0.8241	0.6480	0.6128
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
NCI60	0.5000	0.1667	0.4000	0.4000	0.1569
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	0.9736	0.0264	0.9495	0.8938	0.0930
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9660	0.0170	0.8656	0.9498	0.0538
obesity	0.7630	0.0677	0.7775	0.7229	0.2085
obs	0.8981	0.0509	0.9181	0.8462	0.1459
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9872	0.0064	0.9609	0.9610	0.0658

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
oh0-wc	0.2475	0.1505	0.1669	0.1097	0.4598
oh10-wc	0.2667	0.1467	0.2222	0.1676	0.5607
oh15-wc	0.2174	0.1565	0.2036	0.0745	0.5186
oh5-wc	0.2747	0.1451	0.2972	0.1650	0.4345
olive	0.8246	0.0390	0.6061	0.7783	0.0812
opn310k10%	0.9133	0.0867	0.6659	0.0385	0.2026
optdigits	0.9644	0.0071	0.9666	0.9604	0.0490
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9000	0.0050	0.8899	0.8974	0.0240
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8093	0.1907	0.7806	0.5539	0.6523
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.9616	0.0154	0.6642	0.7580	0.1680
parkinson	0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons	0.8104	0.1896	0.7957	0.5893	0.6523
parkinsons-small	0.7368	0.2632	0.4242	0.0000	0.4125
particle10%	0.8923	0.1077	0.8647	0.7288	0.4944
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9369	0.0631	0.7116	0.2096	0.1619
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.9864	0.0027	0.9865	0.9848	0.0238
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.8251	0.1749	0.8110	0.6202	0.6230
pet-adoption	0.8900	0.1100	0.8739	0.7371	0.4189
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
phone-acc0.1%	0.7320	0.0766	0.7029	0.6861	0.2772
phone-gyr0.1%	0.7609	0.0683	0.7420	0.7196	0.2752
phoneme	0.8815	0.1185	0.8515	0.7023	0.5230
pima	0.7237	0.2763	0.7042	0.3746	0.7278
placement	0.8000	0.2000	0.7936	0.5865	0.6687
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5512	0.1282	0.1606	0.1308	0.2888
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9391	0.0609	0.6952	0.2616	0.3376
polya	0.7870	0.2130	0.7610	0.5142	0.6895
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6329	0.2647	0.8956
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.1818	0.1259	0.0318	0.0430	0.3397
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9765	0.0094	0.9632	0.9684	0.0575
pufs-641%	0.4917	0.5083	0.4917	-0.0167	1.0000
pulsar	0.9816	0.0184	0.9433	0.8831	0.1457

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.6133	0.0595	0.2125	0.4078	0.2453
re1-wc	0.4217	0.0463	0.0997	0.2693	0.3046
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9863	0.0137	0.9861	0.9722	0.0970
rnaseq	0.0875	0.3650	0.0322	0.0000	0.4005
rocket	0.6763	0.3237	0.6593	0.3167	0.8562
satimage	0.8818	0.0394	0.8644	0.8535	0.1767
satimageF	0.9907	0.0093	0.9757	0.9513	0.1170
satimageT	0.9393	0.0607	0.8097	0.5839	0.3617
scadi	0.5714	0.1714	0.4346	0.4474	0.2170
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9221	0.0223	0.9302	0.9089	0.0863
segmentation	0.8267	0.1733	0.8087	0.6164	0.6280
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9748	0.0252	0.9274	0.8437	0.0852
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.1316	0.8684	0.1163	0.0000	0.2931
shoppers	0.8889	0.1111	0.7536	0.4613	0.4964
sick	0.9469	0.0530	0.7342	0.3563	0.2944
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9984	0.0016	0.9975	0.9951	0.0313
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6842	0.3158	0.6833	0.3667	0.8414
soil_pollution	0.1700	0.3320	0.0979	-0.0462	0.5560
solar-flare	0.7482	0.0839	0.5430	0.6732	0.1910
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.6029	0.0418	0.2026	0.5464	0.1721
spam-detection	0.9530	0.0470	0.8535	0.7057	0.4402
spambase	0.9174	0.0826	0.9133	0.8249	0.3700
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8000	0.2000	0.7515	0.3797	0.3716
spectrometer	0.2500	0.0556	0.0601	0.1779	0.2778
splice-EI	0.9369	0.0631	0.9149	0.8209	0.2608
splice-IE	0.8612	0.1388	0.7930	0.5445	0.4765
sport-articles	0.8500	0.1500	0.8383	0.6764	0.5756
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9462	0.0538	0.9425	0.8784	0.1858
steel-b	0.8410	0.1590	0.7334	0.4471	0.6375
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.8000	0.2000	0.7722	0.5325	0.6559
steel-p	0.9179	0.0821	0.6063	0.0946	0.4184
steel-s	0.9846	0.0154	0.8934	0.7617	0.0555
steel-z	0.9641	0.0359	0.8957	0.7910	0.3671

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stock	0.8819	0.1181	0.7760	0.5045	0.4639
stockb	0.9824	0.0117	0.9824	0.9736	0.0530
streaming	0.8840	0.1160	0.8831	0.7661	0.4789
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6250	0.1500	0.3449	0.3779	0.4109
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3846	0.2462	0.1542	0.0406	0.4542
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.3544	0.1250	0.4353
tae	0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn	0.9020	0.0980	0.8705	0.7376	0.4508
texture	0.9764	0.0043	0.9777	0.9739	0.0345
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.9579	0.0421	0.9535	0.9028	0.1545
tis	0.8945	0.1055	0.8518	0.6943	0.4574
tis10%	0.7836	0.2164	0.6874	0.1721	0.3758
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1500	0.2947	0.3684	0.1963
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.6088	0.1877	0.7707
trec11-wc	0.3659	0.1409	0.1138	0.0904	0.3147
trec12-wc	0.3226	0.1694	0.1209	0.0565	0.3590
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.5806	0.1398	0.3676	0.3880	0.3863
trec41-wc	0.5341	0.0932	0.2549	0.3959	0.2768
trec45-wc	0.3768	0.1246	0.1995	0.2303	0.3674
tuandromd	0.9909	0.0091	0.9854	0.9708	0.0993
turkish	0.8500	0.0750	0.8491	0.8000	0.2009
tvnews1%	0.8923	0.1077	0.8839	0.7605	0.4199
tvnews10%	0.8913	0.1087	0.8820	0.7628	0.4617
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7164	0.0630	0.6851	0.6645	0.2003
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7738	0.1131	0.7332	0.6944	0.2336
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.9535	0.0465	0.9555	0.9071	0.2027
vowel	0.3535	0.1175	0.3397	0.2889	0.2602
vowelZ	0.9293	0.0707	0.7480	0.3419	0.1774
wap-wc	0.5192	0.0481	0.2995	0.4301	0.2727
warpar10p	0.3077	0.1385	0.3288	0.2452	0.2871
warppie10p	0.8571	0.0286	0.8927	0.8409	0.0687
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8500	0.1000	0.8504	0.7750	0.3502
weather-related	0.9596	0.0073	0.9620	0.9542	0.0538
web-phishing	0.8370	0.1086	0.5777	0.6944	0.2849
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.3333	-0.2857	1.0000
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0254

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9752	0.0248	0.8524	0.6552	0.0810
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6164	0.1279	0.2790	0.3667	0.3792
winequality-white	0.5706	0.1431	0.2837	0.3191	0.4283
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.3125	0.0917	0.3158	0.2667	0.2821
yeast	0.5338	0.1036	0.2666	0.3841	0.3630
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

Table 311: Detailed results for GPCR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1566	0.0803	0.1111	0.0628	0.4963
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accident	0.4000	0.6000	0.4000	-0.2000	1.0000
ads	0.9573	0.0427	0.9070	0.8013	0.2025
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8404	0.1596	0.7638	0.4952	0.5706
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.6952	0.1219	0.1669	0.0460	0.2192
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.8744	0.1256	0.8609	0.7124	0.4702
anneal	0.8764	0.0494	0.5624	0.7078	0.1773
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9708	0.0146	0.7263	0.9438	0.0591
anuran-genus	0.9722	0.0070	0.8275	0.9540	0.0429
anuran-species	0.9708	0.0058	0.8607	0.9592	0.0349
anxiety	0.1167	0.1963	0.0417	-0.0047	0.4818
apple-quality	0.8875	0.1125	0.8877	0.7750	0.4648
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia	0.5556	0.0889	0.0714	0.0000	0.2612
auction	0.8922	0.1078	0.7009	0.3117	0.4664
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9857	0.0143	0.9820	0.9633	0.0649
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.5500	0.1800	0.2990	0.3571	0.2982
babies	0.4677	0.1521	0.1538	0.1559	0.4010
balance	0.9032	0.0645	0.6228	0.8178	0.1771
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9101	0.0899	0.9033	0.7973	0.3414
basehock	0.9548	0.0452	0.9548	0.9095	0.2468
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
body-perf	0.6791	0.1604	0.6772	0.5721	0.4673

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.8182	0.0606	0.7738	0.7800	0.0411
bridges	0.6000	0.1333	0.2917	0.2593	0.2456
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8851	0.0575	0.5952	0.7453	0.2574
car-insurance	0.8410	0.1590	0.8109	0.6200	0.6088
card	0.8406	0.1594	0.8355	0.6681	0.5759
cardiotocography	0.7653	0.0469	0.6330	0.7135	0.2016
cardiotocography-nsp	0.8920	0.0720	0.8037	0.6753	0.2774
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6058	0.4902	0.5443
cas_N6512_cdk_ECFP2	0.7588	0.2412	0.7578	0.5155	0.7368
cas_N6512_rdkit_ATOMPAIR	0.7338	0.2662	0.7321	0.4641	0.7757
cas_N6512_RDkit_AtomPair_FP	0.7577	0.2423	0.7556	0.5104	0.7375
cas_N6512_rdkit_AVALON	0.7926	0.2074	0.7912	0.5824	0.6794
cas_N6512_RDkit_Avalon_FP	0.8160	0.1840	0.8153	0.6304	0.6343
cas_N6512_rdkit_descriptors	0.7831	0.2169	0.7825	0.5647	0.6954
cas_N6512_rdkit_FEATMORGAN	0.7512	0.2488	0.7490	0.4975	0.7487
cas_N6512_RDkit_Featmorgan_FP	0.7883	0.2117	0.7868	0.5734	0.6867
cas_N6512_RDkit_FP	0.7561	0.2439	0.7543	0.5086	0.7415
cas_N6512_rdkit_LAYERED	0.7785	0.2215	0.7777	0.5551	0.7039
cas_N6512_RDkit_Layered_FP	0.7561	0.2439	0.7543	0.5083	0.7413
cas_N6512_rdkit_MACCS	0.7923	0.2077	0.7906	0.5793	0.6749
cas_N6512_RDkit_MACCS_FP	0.7889	0.2111	0.7881	0.5759	0.6855
cas_N6512_rdkit_MORGAN	0.8046	0.1954	0.8032	0.6046	0.6511
cas_N6512_RDkit_morgan_FP	0.7776	0.2224	0.7758	0.5510	0.7046
cas_N6512_rdkit_PATTERN	0.7769	0.2231	0.7763	0.5524	0.7061
cas_N6512_RDkit_pattern_FP	0.7638	0.2362	0.7636	0.5266	0.7269
cas_N6512_rdkit_RDKITFP	0.7957	0.2043	0.7943	0.5884	0.6733
cas_N6512_rdkit_TORSION	0.7500	0.2500	0.7485	0.4969	0.7513
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7927	0.2073	0.7662	0.5268	0.6860
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8540	0.1460	0.7479	0.4669	0.5855
churn-bigml	0.9101	0.0899	0.7987	0.5297	0.3143
ci900367j_MACCS	0.7053	0.2947	0.6722	0.3225	0.7901
cirrhosis	0.7143	0.1905	0.4812	0.4085	0.4137
cjs	0.9464	0.0179	0.9385	0.9346	0.0872
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8389	0.0806	0.6016	0.7411	0.2426
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5102	0.3265	0.4844	0.2215	0.7337
cnae-9	0.8241	0.0391	0.8429	0.8021	0.1709
coil20	0.9792	0.0021	0.9799	0.9781	0.0145
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.2400	0.1013	0.0591	0.1097	0.3434
colon-tumor	0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1	0.7586	0.2414	0.7208	0.3940	0.6569
colposcopies-2	0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne	0.7740	0.2260	0.7741	0.5481	0.7105
coupon	0.7461	0.2539	0.7388	0.4750	0.7552
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
crowdsourced	0.9300	0.0233	0.7275	0.8513	0.1227
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1562	0.0527	0.0781	0.1290	0.2002
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands	0.7593	0.2407	0.7539	0.4876	0.6885
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.7143	0.2857	0.7407	0.3636	0.4644
defect	0.8920	0.1080	0.7754	0.4607	0.3273
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.6757	0.1081	0.4294	0.5803	0.1694
desharnais	0.5000	0.3333	0.4036	0.1795	0.3510
dexter	0.6500	0.3500	0.6741	0.3000	0.7546
df_final	0.7500	0.1667	0.7551	0.6049	0.2615
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetic1%	0.5490	0.3007	0.3481	0.0365	0.4111
diabetic10%	0.5697	0.2868	0.4264	0.1457	0.5607
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9333	0.0333	0.8999	0.9066	0.0687
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5000	0.5000	0.3333	-0.1613	0.9442
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5728	0.4272	0.5689	0.1363	0.9490
drebin	0.9795	0.0205	0.9782	0.9562	0.1309
dropout	0.7743	0.1505	0.6870	0.6116	0.4140
drug-01	0.4096	0.1687	0.1706	0.0199	0.2980
drug-02	0.5160	0.1383	0.1638	0.0888	0.4373
drug-03	0.6968	0.1011	0.1864	0.0365	0.2082
drug-04	0.5319	0.1337	0.0996	0.0046	0.2924
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2251	0.2754	0.3939
drug-07	0.4628	0.1791	0.1704	0.0669	0.3172
drug-08	0.5479	0.1292	0.1051	0.0447	0.3135

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.1544	0.1377	0.3590
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1768	0.2366	0.3138
drug-14	0.5851	0.1185	0.2159	0.2185	0.3937
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5957	0.1348	0.2787	0.3008	0.4030
drug-17	0.3564	0.1839	0.1772	0.0961	0.4560
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
ecoli	0.8235	0.0588	0.7021	0.7500	0.1779
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8254	0.6393	0.5094
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg-eye	0.8832	0.1168	0.8818	0.7631	0.4777
eeg10%	0.3875	0.0766	0.3020	0.3147	0.5087
eucalyptus	0.6027	0.1589	0.4921	0.4635	0.2831
euthyroid	0.9589	0.0411	0.8743	0.7141	0.1224
fakenews	0.5375	0.4625	0.5520	0.0682	0.8191
farm-ads	0.8913	0.1087	0.8954	0.7791	0.3872
fbis-wc	0.5325	0.0550	0.2091	0.4383	0.2555
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6275	0.3725	0.6190	0.2204	0.8673
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.3500	0.1857	0.1190	0.1216	0.3453
forest	0.9038	0.0481	0.8906	0.8669	0.1249
gastrointestinal	0.7500	0.1667	0.5508	0.5524	0.2863
gender	0.6042	0.2639	0.3812	0.1445	0.5065
gene	0.9180	0.0547	0.9057	0.8679	0.2348
german	0.7100	0.2900	0.6608	0.2487	0.6879
gestures	0.8759	0.0621	0.8764	0.8345	0.2354
gina	0.9078	0.0922	0.9078	0.8154	0.4079
gisette	0.9500	0.0500	0.9500	0.9000	0.2652
glass	0.6190	0.1270	0.3564	0.4400	0.2916
glass-g2	0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8660	0.7317	0.5218
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.4667	0.2667	0.3787	0.2500	0.5444
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hayes-roth	0.6875	0.2083	0.7384	0.5062	0.2896
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-failure	0.9700	0.0300	0.9650	0.9295	0.1765
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6800	0.3200	0.6777	0.3523	0.8407
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.8438	0.1562	0.8477	0.6825	0.5231
hiv1-proteasa	0.9073	0.0927	0.8199	0.6087	0.4035
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9793	0.0207	0.9351	0.8659	0.1634
hypothyroid	0.9363	0.0318	0.5485	0.4904	0.2129
hypothyroidT	0.9443	0.0557	0.7702	0.4129	0.1492
ilpd	0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8264	0.1736	0.6663	0.1933	0.4797
jvowels	0.9749	0.0056	0.9735	0.9715	0.0423
kc1	0.8815	0.1185	0.7403	0.3730	0.3783
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.8577	0.0948	0.8072	0.7641	0.2377
kidney-disease	0.9500	0.0500	0.9479	0.8904	0.1808
krvskp	0.9781	0.0219	0.9783	0.9561	0.1358
la1s-wc	0.6508	0.1164	0.5930	0.5485	0.4100
la2s-wc	0.6921	0.1026	0.6023	0.5962	0.3387
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.1176	0.0767	0.0254	0.0744	0.3294
led24	0.1500	0.1889	0.0290	0.0000	0.3934
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
leukemia	0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.2778	0.0963	0.2386	0.2353	0.2640
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9368	0.0632	0.9324	0.8642	0.3153
lrs	0.6038	0.1132	0.3807	0.4154	0.2434
lung	0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete	0.6250	0.1500	0.4898	0.5000	0.2172
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.8000	0.0800	0.3765	0.4444	0.1568
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.5556	0.1481	0.2857	0.2500	0.2598
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.5885	0.4115	0.5899	0.1769	0.9299

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
magic04	0.8659	0.1341	0.8502	0.6943	0.5124
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8327	0.6654	0.5984
marketing	0.8839	0.1161	0.7286	0.3392	0.3760
maternal	0.6931	0.2046	0.6989	0.5292	0.5221
math	0.7250	0.1375	0.4022	0.5397	0.2658
mba	0.8161	0.1226	0.3548	0.0454	0.3861
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6696	0.3304	0.6655	0.3308	0.8589
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.7947	0.6121	0.2436
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9750	0.0050	0.9755	0.9722	0.0313
mfeat-fou	0.7850	0.0430	0.7842	0.7611	0.1751
mfeat-kar	0.9650	0.0070	0.9657	0.9611	0.0443
mfeat-mor	0.7200	0.0560	0.7224	0.6889	0.1833
mfeat-pix	0.9750	0.0050	0.9760	0.9722	0.0285
mfeat-zer	0.7950	0.0410	0.7913	0.7722	0.1274
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.4474	0.4809	0.3071
mobile	0.2762	0.0258	0.2569	0.2632	0.2416
monks-1	0.7455	0.2545	0.7457	0.4901	0.7537
monks-2	0.8361	0.1639	0.8178	0.6008	0.4861
monks-3	0.9464	0.0536	0.9467	0.8929	0.2762
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
musk	0.9348	0.0652	0.8673	0.7017	0.2187
MUT_ci300400a_cdk_ECFP2	0.8034	0.1966	0.7965	0.5923	0.6623
MUT_ci300400a_cdk_ECFP4	0.8216	0.1784	0.8160	0.6319	0.6283
MUT_ci300400a_cdk_ECFP6	0.7760	0.2240	0.7675	0.5327	0.7083
MUT_ci300400a_cdk_ESTATE	0.7782	0.2218	0.7694	0.5353	0.7015
MUT_ci300400a_cdk_EXTENDED	0.8201	0.1799	0.8143	0.6283	0.6304
MUT_ci300400a_cdk_FCFP2	0.8168	0.1832	0.8104	0.6201	0.6359
MUT_ci300400a_cdk_FCFP4	0.8022	0.1978	0.7952	0.5897	0.6644
MUT_ci300400a_cdk_FCFP6	0.8094	0.1906	0.8026	0.6043	0.6497
MUT_ci300400a_cdk_MACCS	0.8094	0.1906	0.8023	0.6020	0.6445
MUT_ci300400a_cdk_PUBCHEM	0.8407	0.1593	0.8352	0.6692	0.5829
MUT_ci300400a_cdk_STANDARD	0.7952	0.2048	0.7873	0.5715	0.6711
MUT_ci300400a_rdkit_descriptors	0.8358	0.1642	0.8315	0.6627	0.5955
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	0.9736	0.0264	0.9495	0.8938	0.0930
NPHA-doctor-visits	0.5417	0.3056	0.4151	0.0361	0.3592
obesity	0.8294	0.0487	0.8246	0.8008	0.1769
obs	0.9259	0.0370	0.9474	0.8884	0.1047
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9882	0.0059	0.9642	0.9640	0.0646
oh0-wc	0.3663	0.1267	0.1531	0.2245	0.3381
oh10-wc	0.3048	0.1390	0.1358	0.1789	0.4005
oh15-wc	0.3370	0.1326	0.1016	0.1974	0.3240
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
olive	0.9298	0.0156	0.9215	0.9118	0.0396

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opn310k10%	0.9133	0.0867	0.6277	0.0708	0.3136
optdigits	0.9662	0.0068	0.9683	0.9624	0.0474
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.2250	0.0387	0.1895	0.2051	0.2314
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8144	0.1856	0.7869	0.5676	0.6439
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9580	0.0168	0.6490	0.7238	0.1154
parkinson	0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons	0.8104	0.1896	0.7977	0.5954	0.6580
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle10%	0.8931	0.1069	0.8656	0.7305	0.4915
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8816	0.1184	0.8343	0.6400	0.4189
pediatric-leukemia	0.3824	0.1765	0.2865	0.2171	0.4592
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.8222	0.1778	0.8077	0.6133	0.6283
pet-adoption	0.9100	0.0900	0.8970	0.7883	0.3788
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
phone-acc0.1%	0.7312	0.0768	0.7031	0.6852	0.2803
phoneme	0.8796	0.1204	0.8494	0.6982	0.5293
pima	0.7105	0.2895	0.6891	0.3407	0.7408
placement	0.8010	0.1990	0.7946	0.5887	0.6669
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5522	0.1279	0.1610	0.1330	0.2892
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9340	0.0660	0.6550	0.1225	0.2859
polya	0.7870	0.2130	0.7618	0.5182	0.6959
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6329	0.2647	0.8956
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2727	0.1119	0.2051	0.1767	0.3225
profb	0.7164	0.2836	0.6459	0.2427	0.7434
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
pufs-641%	0.4871	0.5129	0.4870	-0.0259	1.0000
pulsar	0.9816	0.0184	0.9433	0.8831	0.1457
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.6067	0.0605	0.2149	0.3993	0.2546
re1-wc	0.4277	0.0458	0.0806	0.2738	0.2762
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9868	0.0132	0.9867	0.9733	0.0932
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6792	0.3208	0.6635	0.3258	0.8534

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimage	0.8911	0.0363	0.8765	0.8651	0.1630
satimageF	0.9938	0.0062	0.9838	0.9675	0.0739
satimageT	0.9347	0.0653	0.7926	0.5480	0.3966
scadi	0.5714	0.1714	0.4346	0.4474	0.2170
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9259	0.9038	0.0927
segmentation	0.8317	0.1683	0.8146	0.6285	0.6185
segmentO	0.9913	0.0087	0.9826	0.9647	0.0385
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9748	0.0252	0.9274	0.8437	0.0852
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
shoppers	0.8889	0.1111	0.7536	0.4613	0.4964
sick	0.9469	0.0530	0.7342	0.3563	0.2944
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9984	0.0016	0.9975	0.9951	0.0313
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.5789	0.4211	0.5748	0.1461	0.9386
soil_pollution	0.1700	0.3320	0.0979	-0.0462	0.5560
solar-flare	0.7554	0.0815	0.6033	0.6850	0.1855
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.5588	0.0464	0.1860	0.4940	0.1946
spam-detection	0.9520	0.0480	0.8504	0.6995	0.4465
spambase	0.9174	0.0826	0.9133	0.8249	0.3700
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.2500	0.0556	0.0572	0.1753	0.2865
splice-EI	0.9558	0.0442	0.9406	0.8790	0.2362
splice-IE	0.8896	0.1104	0.8385	0.6546	0.4265
sport-articles	0.8500	0.1500	0.8383	0.6764	0.5756
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9570	0.0430	0.9538	0.9034	0.1598
steel-b	0.8462	0.1538	0.7439	0.4704	0.6277
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.7949	0.2051	0.7667	0.5257	0.6778
steel-p	0.9179	0.0821	0.6063	0.0946	0.4184
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9641	0.0359	0.8957	0.7910	0.3671
stock	0.8889	0.1111	0.7912	0.5421	0.4502
stockb	0.9824	0.0117	0.9824	0.9736	0.0530
streaming	0.8860	0.1140	0.8849	0.7698	0.4738
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6350	0.1460	0.3525	0.3976	0.4072
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3846	0.2462	0.1542	0.0406	0.4542
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.4012	0.2500	0.4108
tae	0.5333	0.3111	0.5461	0.3000	0.5760

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
telco-churn	0.9020	0.0980	0.8707	0.7385	0.4544
texture	0.9745	0.0046	0.9760	0.9719	0.0372
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1500	0.2947	0.3684	0.1963
tox_171	0.7059	0.1471	0.7348	0.6119	0.1908
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.6088	0.1877	0.7707
trec11-wc	0.3902	0.1355	0.1277	0.1299	0.3069
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.6022	0.1326	0.4055	0.4201	0.3329
trec41-wc	0.5341	0.0932	0.2530	0.3978	0.2723
trec45-wc	0.3913	0.1217	0.2057	0.2517	0.3635
tuandromd	0.9818	0.0182	0.9711	0.9422	0.1819
turkish	0.7000	0.1500	0.7066	0.6000	0.3411
tvnews1%	0.9000	0.1000	0.8921	0.7786	0.4044
tvnews10%	0.8921	0.1079	0.8830	0.7652	0.4628
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.6066	0.0642	0.2720
urban	0.6716	0.0730	0.5487	0.6106	0.2317
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7738	0.1131	0.7332	0.6944	0.2336
vehicleVAN	0.9643	0.0357	0.9519	0.9032	0.2250
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.9535	0.0465	0.9555	0.9071	0.2027
vowel	0.7576	0.0441	0.7845	0.7333	0.1272
vowelZ	0.9293	0.0707	0.7480	0.3419	0.1774
wap-wc	0.5385	0.0462	0.3135	0.4593	0.2614
warpar10p	0.3846	0.1231	0.2435	0.3203	0.2046
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8460	0.1027	0.8463	0.7690	0.3563
weather-related	0.9577	0.0077	0.9608	0.9520	0.0566
web-phishing	0.8296	0.1136	0.6470	0.6864	0.4298
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.3333	-0.2857	1.0000
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0254
wilt	0.9772	0.0228	0.8661	0.6919	0.0758
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6101	0.1300	0.2764	0.3561	0.3827
winequality-white	0.5890	0.1370	0.3426	0.3486	0.4448
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.3750	0.0833	0.2903	0.3333	0.1733
yeast	0.5811	0.0931	0.4452	0.4534	0.3316
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

Table 312: Detailed results for GPCRBF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1559	0.0582	0.0812	0.0670	0.4949
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.9604	0.0396	0.9157	0.8302	0.2830
adult	0.8458	0.1542	0.7735	0.5406	0.6279
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8889	0.1111	0.4705	-0.0328	0.4702
AID_1431_KlekotaRothFingerprinter	0.8810	0.1190	0.5325	0.0597	0.7131
AID_1431_MACCSFingerprinter	0.8611	0.1389	0.4623	-0.0522	0.4467
AID_1878	0.8190	0.1810	0.5567	0.1599	0.5345
AID_602330	0.9531	0.0469	0.5343	0.0714	0.3630
AID_652128	0.8485	0.1010	0.3613	0.0131	0.3960
AID1284Morered	0.3889	0.6111	0.3542	-0.1059	0.6387
AID1284red	0.7917	0.2083	0.4828	0.0028	0.5199
AID1608Morered	0.9126	0.0874	0.5437	0.1047	0.4181
AID1608red	0.9078	0.0922	0.4757	-0.0335	0.3942
AID362red	0.9848	0.0152	0.5574	0.1074	0.2882
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9980	0.0020	0.4995	-0.0010	0.5055
AID439Morered	0.5714	0.4286	0.5625	0.5000	0.1556
AID439red	0.9286	0.0714	0.7308	0.5000	0.1423
AID456red	0.9950	0.0050	0.4987	-0.0017	0.2448
AID604AID644_AllRed	0.9985	0.0015	0.4996	-0.0007	0.5338
AID644Morered	0.5250	0.4750	0.5861	0.1363	0.7840
AID644red	0.6750	0.3250	0.4874	0.0625	0.6735
AID687AID721red	0.9991	0.0009	0.4998	-0.0003	0.2535
AID687red	0.9965	0.0035	0.4991	-0.0007	0.2583
AID688red	0.9875	0.0125	0.4969	-0.0049	0.5435
AID721morered	0.2222	0.7778	0.1750	-0.4605	0.7982
AID721red	0.7222	0.2778	0.4188	-0.0870	0.6455
AID746AID1284red	0.9982	0.0018	0.4995	-0.0009	0.5226
AID746red	0.9921	0.0079	0.6271	0.2501	0.5421
aids	0.8380	0.1620	0.7592	0.5045	0.6203
air_pollution	0.3167	0.1952	0.0993	-0.0100	0.6263
alcohol	0.7952	0.0819	0.4825	0.3861	0.2183
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6791	0.3209	0.5320	0.1687	0.6484
anneal	0.9944	0.0022	0.9929	0.9879	0.0073
antivirus	0.9459	0.0541	0.9087	0.7953	0.1532
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9896	0.0052	0.9643	0.9801	0.0269
anuran-genus	0.9868	0.0033	0.9518	0.9783	0.0732
anuran-species	0.9861	0.0028	0.9705	0.9807	0.0510
anxiety	0.1083	0.1981	0.0659	-0.0088	0.6582
apple-quality	0.9163	0.0837	0.9164	0.8325	0.3820
aps-failure	0.9893	0.0107	0.8284	0.6411	0.3216
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0094	0.9906	0.5024	0.0000	0.0226
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.2222	0.1197	0.0704	0.1038	0.2999
auction	0.9289	0.0711	0.8208	0.5992	0.3408
audiology	0.5217	0.0399	0.2033	0.4012	0.1609
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adolescent	0.8636	0.1364	0.8466	0.6887	0.3943
autism-adult	0.8000	0.2000	0.6343	0.3451	0.4890
autism-child	0.8276	0.1724	0.8312	0.6570	0.4891
autos	0.8250	0.0583	0.6914	0.7662	0.1473
avila	0.7513	0.0414	0.7142	0.6631	0.3290
babies	0.4718	0.1509	0.1680	0.1694	0.4503
balance	0.9194	0.0538	0.6336	0.8482	0.1308
bank	0.8789	0.1211	0.6666	0.3290	0.6818
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8923	0.7764	0.3835
basehock	0.5829	0.4171	0.6530	0.1624	0.5772
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8714	0.1286	0.8661	0.7310	0.5173
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
body-perf	0.6731	0.1634	0.6742	0.5642	0.4613
brain-tumor	0.5005	0.4995	0.5005	0.0010	0.9997
breast-cancer	0.7143	0.2857	0.5204	0.1216	0.6363
breast-cancer-co	0.7727	0.2273	0.7801	0.5307	0.5844
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.6096	0.6654	0.1384
bridges	0.6000	0.1143	0.4261	0.4715	0.1419
cad	0.9667	0.0333	0.9651	0.9254	0.1661
caesarian	0.7500	0.2500	0.7239	0.4286	0.6130
cancer	0.9928	0.0072	0.9921	0.9839	0.0358
cancer-uae	0.4695	0.3537	0.2778	0.0125	0.5742
car	0.9598	0.0201	0.9431	0.9173	0.1749
car-insurance	0.8165	0.1835	0.7858	0.5712	0.6644
card	0.8551	0.1449	0.8504	0.6993	0.5388
cardiotocography	0.8380	0.0324	0.8139	0.8043	0.1705
cardiotocography-nsp	0.9202	0.0532	0.8465	0.7710	0.2599
cargo2k	0.9784	0.0144	0.9790	0.9676	0.0615
cars	0.7250	0.1833	0.6152	0.4873	0.4547
cas_N6512_cdk_ECFP2	0.7373	0.2627	0.7371	0.4730	0.7652
cas_N6512_rdkit_ATOMPAIR	0.7231	0.2769	0.7211	0.4421	0.7911
cas_N6512_RDkit_AtomPair_FP	0.7508	0.2492	0.7495	0.4990	0.7498
cas_N6512_rdkit_AVALON	0.7834	0.2166	0.7828	0.5652	0.6936
cas_N6512_RDkit_Avalon_FP	0.8014	0.1986	0.8023	0.6028	0.6537
cas_N6512_rdkit_descriptors	0.8008	0.1992	0.7997	0.5994	0.6641
cas_N6512_rdkit_FEATMORGAN	0.7473	0.2527	0.7469	0.4928	0.7510
cas_N6512_RDkit_Featmorgan_FP	0.7584	0.2416	0.7578	0.5151	0.7348
cas_N6512_RDkit_FP	0.7837	0.2163	0.7823	0.5645	0.6952
cas_N6512_rdkit_LAYERED	0.7962	0.2038	0.7961	0.5914	0.6691
cas_N6512_RDkit_Layered_FP	0.7753	0.2247	0.7736	0.5467	0.7078
cas_N6512_rdkit_MACCS	0.7942	0.2058	0.7924	0.5839	0.6731
cas_N6512_RDkit_MACCS_FP	0.7922	0.2078	0.7919	0.5832	0.6778
cas_N6512_rdkit_MORGAN	0.7546	0.2454	0.7559	0.5090	0.7310
cas_N6512_RDkit_morgan_FP	0.7592	0.2408	0.7593	0.5174	0.7292
cas_N6512_rdkit_PATTERN	0.6469	0.3531	0.5528	0.2552	0.6301
cas_N6512_RDkit_pattern_FP	0.6426	0.3574	0.5486	0.2467	0.6367
cas_N6512_rdkit_RDKITFP	0.7888	0.2112	0.7877	0.5752	0.6859
cas_N6512_rdkit_TORSION	0.7069	0.2931	0.7140	0.4188	0.7838
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0581	0.9419	0.5098	0.0011	0.1076
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7953	0.2047	0.7856	0.5666	0.6744
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9628	0.0372	0.7688	0.5102	0.3948
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9417	0.0583	0.6054	0.1691	0.5482

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9151	0.0849	0.6126	0.2251	0.6570
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9360	0.0640	0.4835	-0.0099	0.3673
cervical-H	0.9593	0.0407	0.7257	0.4328	0.5068
cervical-S	0.9535	0.0465	0.8466	0.6686	0.2632
children-anemia	0.4939	0.2530	0.4016	0.2379	0.7187
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.8976	0.1024	0.5733	0.1391	0.6869
churn	0.8455	0.1545	0.7324	0.4396	0.6213
churn-bigml	0.8558	0.1442	0.6496	0.2313	0.5886
ci900367j_MACCS	0.6684	0.3316	0.5452	0.2061	0.6442
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.4985	0.4775	0.4456
cjs	0.9857	0.0048	0.9848	0.9826	0.0236
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8319	0.0840	0.6950	0.7324	0.3005
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678
cm1	0.8900	0.1100	0.4709	-0.0172	0.4398
cmc	0.5340	0.3107	0.5166	0.2628	0.7026
cnae-9	0.4769	0.1163	0.6203	0.4115	0.2715
codon_usage	0.9371	0.0114	0.8226	0.9236	0.1236
coil20	0.8125	0.0187	0.8595	0.8021	0.0812
college	0.9091	0.0909	0.8847	0.7672	0.4380
collins	0.3000	0.0933	0.2402	0.2272	0.3685
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7069	0.2931	0.6669	0.3172	0.7689
colposcopies-2	0.6724	0.3276	0.6349	0.2299	0.7914
colposcopies-3	0.6897	0.3103	0.6718	0.3174	0.7846
colposcopies-4	0.7069	0.2931	0.5082	0.0960	0.6462
colposcopies-5	0.8276	0.1724	0.5383	0.1038	0.5052
colposcopies-6	0.6897	0.3103	0.6925	0.3743	0.8043
colposcopies-c	0.7931	0.2069	0.5920	0.1888	0.3646
column-2c	0.8710	0.1290	0.8571	0.7123	0.5337
column-3c	0.7903	0.1398	0.7238	0.6575	0.2964
comedy_comparisons1%	0.4846	0.5154	0.4946	-0.0073	0.8903
cottonmeloidogyne	0.7175	0.2825	0.7223	0.4340	0.7613
coupon	0.6972	0.3028	0.6920	0.3828	0.8159
covtypeCD	0.9906	0.0094	0.9798	0.9593	0.0935
covtypeT	0.9808	0.0192	0.9231	0.8446	0.2523
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans10%	0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced	0.9613	0.0129	0.8991	0.9209	0.1280
cryotherapy	0.9444	0.0556	0.9500	0.8902	0.1761
cultivars	0.2344	0.0383	0.1600	0.2269	0.1567
customer-churn	0.9816	0.0184	0.6947	0.2529	0.2469
cybersecurity	0.1733	0.2756	0.1097	0.0014	0.6354
cyclopentane	0.6667	0.3333	0.6589	0.3174	0.8363
cylinder-bands	0.7130	0.2870	0.7214	0.4271	0.7380
darwin	0.7500	0.2500	0.7701	0.5000	0.5794
datatrieve	0.8846	0.1154	0.4692	-0.0417	0.4384
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8195	0.1805	0.7017	0.3726	0.6624
defect	0.8580	0.1420	0.5949	0.1819	0.3571
dementia	0.9650	0.0350	0.9669	0.9295	0.1257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
deposit	0.8863	0.1137	0.6909	0.3738	0.6533
depressed	0.8217	0.1783	0.5165	0.0688	0.5355
dermatology	0.6351	0.1216	0.5253	0.4832	0.1987
desharnais	0.5000	0.3333	0.3764	0.1453	0.4290
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.2500	0.5000	0.1333	0.0000	0.4234
DIA	0.8417	0.1583	0.7745	0.5407	0.6114
diabetes	0.9423	0.0577	0.9395	0.8773	0.2626
diabetic1%	0.1176	0.5882	0.3042	0.0025	0.4265
diabetic10%	0.1356	0.5763	0.3501	0.0020	0.4906
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9750	0.0125	0.9626	0.9653	0.0336
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9962	0.0038	0.4990	-0.0015	0.5201
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5204	0.4796	0.5184	0.0367	0.9882
drebin	0.9847	0.0153	0.9836	0.9671	0.1087
dropout	0.7494	0.1670	0.6718	0.5726	0.4746
drug-01	0.3830	0.1763	0.1896	0.0165	0.4502
drug-02	0.5213	0.1368	0.2301	0.1578	0.5813
drug-03	0.6755	0.0927	0.1614	0.0739	0.4125
drug-04	0.5133	0.1391	0.1801	0.0974	0.5717
drug-05	0.7314	0.0767	0.1405	0.0146	0.2376
drug-06	0.4069	0.1695	0.2437	0.2495	0.5588
drug-07	0.4149	0.1672	0.1066	0.0048	0.3756
drug-08	0.5638	0.1246	0.2141	0.1732	0.5480
drug-09	0.8697	0.0372	0.1644	0.0349	0.1058
drug-10	0.5479	0.1292	0.1608	0.1430	0.4164
drug-11	0.8511	0.0426	0.1316	0.0142	0.1244
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5957	0.1155	0.1664	0.2027	0.4389
drug-14	0.5931	0.1163	0.2719	0.2667	0.4883
drug-15	0.7500	0.0714	0.1312	0.0286	0.3074
drug-16	0.5771	0.1208	0.2594	0.2897	0.4608
drug-17	0.3670	0.1809	0.2080	0.1251	0.5552
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7553	0.0699	0.1535	-0.0029	0.3441
drybean	0.9306	0.0198	0.9437	0.9160	0.1152
ecoli	0.8382	0.0404	0.4879	0.7710	0.1322
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8939	0.1061	0.8536	0.7058	0.5022
ecoliMU	0.9242	0.0758	0.7908	0.5775	0.5727
ecoliOM	0.9545	0.0455	0.6679	0.3263	0.1256
ecommerce	0.2300	0.3850	0.2525	-0.0196	0.7054
eeg-eye	0.8855	0.1145	0.8841	0.7676	0.4501
eeg10%	0.3883	0.0765	0.3792	0.3212	0.6092
eucalyptus	0.5205	0.1918	0.3964	0.3634	0.4139
euthyroid	0.9684	0.0316	0.9050	0.7982	0.1804
exon.vs.intron-freq10%	0.8689	0.1311	0.8818	0.7405	0.3976
fakenews	0.5175	0.4825	0.5175	0.0350	0.9897
farm-ads	0.7790	0.2210	0.8156	0.5714	0.4579
fbis-wc	0.3679	0.0744	0.2298	0.3298	0.2750
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8039	0.1961	0.8008	0.5958	0.5301

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
financial-risk	0.6505	0.1165	0.4040	0.4329	0.5006
fishcatch	0.8750	0.0417	0.7772	0.8367	0.0739
flags	0.0500	0.2375	0.0119	0.0000	0.3648
forest	0.9231	0.0385	0.9161	0.8938	0.1059
gas	0.9932	0.0023	0.9935	0.9917	0.0164
gastrointestinal	0.1875	0.5417	0.1053	0.0000	0.4117
gender	0.6116	0.2589	0.4231	0.1672	0.5745
gene	0.8170	0.1220	0.8148	0.6691	0.2437
german	0.6550	0.3450	0.5030	0.1110	0.6804
gestures	0.5771	0.2115	0.6359	0.4362	0.4271
gina	0.8084	0.1916	0.8090	0.6159	0.6413
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6905	0.1032	0.5341	0.5503	0.2440
glass-g2	0.7188	0.2812	0.7186	0.4274	0.7690
glassBWFP	0.8095	0.1905	0.7994	0.5648	0.5087
glassBWNFP	0.8333	0.1667	0.8106	0.6190	0.6119
glassContainers	0.9318	0.0682	0.6622	0.3226	0.1699
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9773	0.0227	0.7442	0.5000	0.0631
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7632	0.2368	0.7624	0.5235	0.7243
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.2000	0.4000	0.0833	0.0000	0.3270
glioma-grade	0.8512	0.1488	0.8483	0.6946	0.5435
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4333	0.2833	0.4060	0.2160	0.5154
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.7500	0.2500	0.6510	0.2909	0.7918
hapt	0.1006	0.1499	0.1215	0.0792	0.3375
har	0.9883	0.0047	0.9868	0.9852	0.0277
har701%	0.8911	0.0311	0.5243	0.8382	0.1337
hayes-roth	0.6250	0.2500	0.7046	0.4047	0.3528
hcc-survival	0.7647	0.2353	0.7538	0.5036	0.7121
health-activity	0.7650	0.1175	0.2167	-0.0065	0.2568
heart	0.8148	0.1852	0.8082	0.6165	0.6383
heart-attack	0.9032	0.0968	0.9032	0.8046	0.4155
heart-c	0.8833	0.1167	0.8845	0.7643	0.4165
heart-failure	0.9740	0.0260	0.9697	0.9389	0.1534
heart-quantum	0.9100	0.0900	0.9132	0.8181	0.3641
hepatitis	0.8000	0.2000	0.5855	0.2222	0.5326
hERG-121inputs	0.7857	0.2143	0.6410	0.3478	0.4476
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8860	0.7174	0.1572
higgs0.1%	0.6459	0.3541	0.6427	0.2822	0.8765
higher	0.2143	0.1964	0.1115	0.0522	0.3751
hinselmann	0.7500	0.2500	0.4281	-0.0769	0.6219
hitters	0.7969	0.2031	0.8035	0.5988	0.5692
hiv1-proteasa	0.8347	0.1653	0.7283	0.4539	0.6973
hiva	0.8960	0.1040	0.5132	0.0203	0.3704
horse	0.5972	0.2685	0.4925	0.2559	0.6322
hotel-reservartions	0.8765	0.1235	0.8575	0.7132	0.5126
hr	0.7509	0.2491	0.4892	-0.0215	0.7838
htru2	0.9790	0.0209	0.9345	0.8662	0.1985
hypothyroid	0.9536	0.0232	0.5886	0.6409	0.1526
hypothyroidT	0.9695	0.0305	0.8751	0.7339	0.2318
ilpd	0.6949	0.3051	0.4512	-0.0082	0.6313
immuno-therapy	0.7222	0.2778	0.4188	-0.0870	0.6455
instagram	0.9533	0.0233	0.9543	0.9378	0.0963

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ionosphere	0.9429	0.0571	0.9341	0.8640	0.2524
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0372	0.0741	0.0028	0.0000	0.4203
jm1	0.8177	0.1823	0.6374	0.2037	0.6303
jvowels	0.9910	0.0020	0.9903	0.9898	0.0164
kc1	0.8720	0.1280	0.7114	0.3220	0.4542
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.5714	0.0357	0.0548	0.2403	0.1340
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7788	0.2212	0.6286	0.2488	0.7854
kdc-4007	0.2681	0.1940	0.3698	0.1508	0.3629
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9476	0.0524	0.4866	-0.0021	0.2511
kepler	0.8760	0.0826	0.8354	0.7966	0.2405
kidney	0.7152	0.1139	0.1873	-0.0131	0.8014
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.8460	0.0171	0.8496	0.8281	0.1740
krvskp	0.9608	0.0392	0.9609	0.9213	0.1951
la1s-wc	0.2381	0.2540	0.2347	0.0082	0.3717
la2s-wc	0.2632	0.2456	0.1926	0.0168	0.3652
labor	0.9167	0.0833	0.9268	0.8333	0.2322
leaf	0.3971	0.0301	0.1864	0.3501	0.1798
led24	0.3250	0.1350	0.2607	0.2369	0.3003
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9560	0.0034	0.9559	0.9542	0.0510
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.6250	0.0500	0.6097	0.6022	0.1313
linkage1%	0.9997	0.0003	0.9761	0.9522	0.1296
liver	0.8382	0.1618	0.8182	0.6359	0.6053
loan	0.9485	0.0515	0.9450	0.8890	0.2604
localization10%	0.6420	0.0651	0.3631	0.5328	0.3812
lrs	0.6604	0.0679	0.3100	0.4744	0.1943
lung	0.0476	0.3810	0.0182	0.0000	0.2983
lung_discrete	0.2500	0.2143	0.0571	0.0000	0.3217
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8333	0.1667	0.8352	0.6596	0.5108
lymphography	0.6429	0.1786	0.3442	0.3664	0.2761
lymphoma2	0.0000	0.2222	0.0000	0.0000	0.3385
machine-failure	0.9043	0.0957	0.9011	0.8021	0.4231
madelon	0.5615	0.4385	0.5617	0.1231	0.9586
magic04	0.8730	0.1270	0.8583	0.7123	0.5011
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8121	0.6240	0.6404
marketing	0.8862	0.1138	0.7515	0.4727	0.5333
maternal	0.7426	0.1716	0.7450	0.6049	0.4526
math	0.5125	0.2437	0.4605	0.2314	0.4758
mba	0.8105	0.1263	0.3721	0.0965	0.4668
mental-disorders	0.8333	0.0833	0.8486	0.7778	0.1511
mental-health	0.1917	0.3233	0.1225	-0.0151	0.6449
messidor	0.7043	0.2957	0.7007	0.4012	0.8136
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-C	0.7778	0.1111	0.7952	0.6866	0.1772
meter-D	0.9167	0.0417	0.8939	0.8831	0.0866
mfeat-fac	0.9450	0.0110	0.9513	0.9389	0.0576
mfeat-fou	0.8200	0.0360	0.8256	0.8000	0.1390
mfeat-kar	0.9625	0.0075	0.9633	0.9583	0.0471
mfeat-mor	0.7250	0.0550	0.7296	0.6944	0.1856
mfeat-pix	0.5250	0.0950	0.6041	0.4722	0.2396
mfeat-zer	0.7625	0.0475	0.7598	0.7361	0.1883
mice-prot	0.6389	0.0903	0.5558	0.5806	0.1527
milk	0.9717	0.0189	0.9668	0.9565	0.0635
mines	0.5147	0.1941	0.4202	0.3911	0.3720
mobile	0.4773	0.0187	0.4395	0.4678	0.2077
monks-1	0.9091	0.0909	0.9094	0.8179	0.3116
monks-2	0.9262	0.0738	0.9180	0.8226	0.2316
monks-3	0.9464	0.0536	0.9469	0.8926	0.2536
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4778	0.0949	0.5046	0.3708	0.5524
musk	0.9659	0.0341	0.9336	0.8670	0.2438
MUT_ci300400a_cdk_ECFP2	0.8088	0.1912	0.8045	0.6079	0.6462
MUT_ci300400a_cdk_ECFP4	0.7994	0.2006	0.7948	0.5890	0.6666
MUT_ci300400a_cdk_ECFP6	0.7796	0.2204	0.7742	0.5475	0.7005
MUT_ci300400a_cdk_ESTATE	0.7764	0.2236	0.7677	0.5330	0.7075
MUT_ci300400a_cdk_EXTENDED	0.8405	0.1595	0.8365	0.6726	0.5874
MUT_ci300400a_cdk_FCFP2	0.8192	0.1808	0.8133	0.6260	0.6284
MUT_ci300400a_cdk_FCFP4	0.7884	0.2116	0.7838	0.5662	0.6860
MUT_ci300400a_cdk_FCFP6	0.7830	0.2170	0.7806	0.5585	0.6914
MUT_ci300400a_cdk_MACCS	0.8405	0.1595	0.8353	0.6702	0.5857
MUT_ci300400a_cdk_PUBCHEM	0.8503	0.1497	0.8453	0.6902	0.5623
MUT_ci300400a_cdk_STANDARD	0.8389	0.1611	0.8337	0.6671	0.5901
MUT_ci300400a_rdkit_descriptors	0.8396	0.1604	0.8356	0.6709	0.5877
myocardial	0.7000	0.0750	0.2157	0.0693	0.1976
naticusdroid	0.9686	0.0314	0.9686	0.9373	0.1877
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.0000	0.2222	0.0000	0.0000	0.3770
ncRNA1%	0.8977	0.0108	0.3971	0.7024	0.3022
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6062	0.3938	0.6067	0.2129	0.9202
NHANES_age_prediction	0.9758	0.0242	0.9524	0.9014	0.1401
nomao	0.9524	0.0476	0.9417	0.8834	0.2900
NPHA-doctor-visits	0.4931	0.3380	0.2858	0.0135	0.5833
nursery	0.9815	0.0074	0.7639	0.9728	0.0413
obesity	0.8483	0.0433	0.8465	0.8228	0.1881
obs	0.9537	0.0231	0.9666	0.9303	0.0655
occupancy	0.9908	0.0092	0.9872	0.9743	0.1064
Occupancy_Estimation	0.9921	0.0039	0.9739	0.9760	0.0372
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0761	0.1848	0.0141	0.0000	0.3996
oh5-wc	0.0549	0.1890	0.0104	0.0000	0.4076
ohscal-wc	0.1129	0.1774	0.0203	0.0000	0.4003
olive	0.9035	0.0214	0.8172	0.8791	0.0520
opn310k10%	0.8913	0.1087	0.6112	0.0702	0.4598
optdigits	0.8523	0.0295	0.8270	0.8361	0.1058
optdigitsZ	0.9973	0.0027	0.9917	0.9833	0.0137
orl	0.1000	0.0450	0.0862	0.0769	0.3856
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9625	0.0375	0.5995	0.0906	0.3242
ozone8hr	0.9209	0.0791	0.6109	0.1701	0.5619
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7706	0.2294	0.7512	0.5010	0.7323
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8579	0.7143	0.5399
p53-mutants	0.9949	0.0051	0.6510	0.2705	0.4645
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.9717	0.0113	0.8162	0.8319	0.2312
parkinson	0.9708	0.0292	0.9715	0.9406	0.1437
parkinsons	0.7275	0.2725	0.7144	0.4276	0.7766
parkinsons-small	0.8421	0.1579	0.6821	0.4362	0.3635
particle10%	0.9154	0.0846	0.8942	0.7882	0.4215
pasture	0.6250	0.2500	0.5530	0.3778	0.2746
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.4820	0.5180	0.5653	0.0748	0.7464
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8992	0.7966	0.4359
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.9918	0.0016	0.9918	0.9909	0.0153
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.5556	0.4444	0.5475	0.0909	0.8760
persistency	0.7493	0.2507	0.7246	0.4442	0.7495
pet-adoption	0.8675	0.1325	0.8494	0.6937	0.4890
phishing	0.9755	0.0245	0.9743	0.9485	0.1564
PhiUSIIL10%	0.9960	0.0040	0.9959	0.9918	0.0320
phone-acc0.1%	0.6891	0.0888	0.6626	0.6362	0.3373
phone-gyr0.1%	0.7071	0.0837	0.6859	0.6568	0.3455
phoneme	0.8778	0.1222	0.8487	0.6972	0.5369
phy	0.6662	0.3338	0.6662	0.3324	0.8622
pima	0.7171	0.2829	0.6955	0.3616	0.7471
pirvision	0.9935	0.0044	0.9886	0.9793	0.0504
placement	0.7960	0.2040	0.7894	0.5779	0.6757
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4766	0.1047	0.1213	0.0098	0.4003
polish-1st	0.9630	0.0370	0.6786	0.0689	0.1081
polish-2nd	0.9602	0.0398	0.4898	-0.0010	0.1785
polish-3rd	0.9514	0.0486	0.4876	-0.0018	0.2211
polish-4th	0.9434	0.0566	0.5847	0.0956	0.4731
polish-5th	0.9365	0.0635	0.6869	0.3208	0.4979
polya	0.7557	0.2443	0.7304	0.4591	0.7508
popularity	0.5887	0.2742	0.4118	0.1499	0.7251
post-operative	0.5000	0.3333	0.2472	-0.1429	0.3572
pred-tox_mutagen_ref-desc	0.6397	0.3603	0.6401	0.2794	0.8888
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2727	0.0661	0.1008	0.1471	0.2807
profb	0.5299	0.4701	0.5612	0.1184	0.8443
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.7276	0.3396	0.5193
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio10%	0.9813	0.0075	0.9704	0.9749	0.0570
pufs-641%	0.5083	0.4917	0.5083	0.0167	0.9952
pulsar	0.9820	0.0180	0.9446	0.8868	0.1622
raisin	0.9056	0.0944	0.9062	0.8111	0.4086
re0-wc	0.5000	0.0769	0.4290	0.4152	0.2731
re1-wc	0.3373	0.0530	0.1776	0.2828	0.2799
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.9789	0.0211	0.9791	0.9573	0.1091

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rice	0.9887	0.0113	0.9886	0.9772	0.0817
rnaseq	0.0875	0.3650	0.0322	0.0000	0.4005
rocket	0.6524	0.3476	0.6364	0.2720	0.8831
satimage	0.9067	0.0311	0.8940	0.8846	0.1492
satimageF	0.9899	0.0101	0.9745	0.9487	0.1731
satimageT	0.9479	0.0521	0.8423	0.6702	0.3809
scadi	0.6429	0.1020	0.4338	0.5533	0.1406
schiller	0.8333	0.1667	0.7560	0.4829	0.5162
schizo	0.5000	0.5000	0.4938	0.0000	0.9758
sclerosis	0.9444	0.0556	0.9448	0.8884	0.2295
secom	0.9103	0.0897	0.4765	-0.0380	0.6807
seeds	0.9762	0.0159	0.9777	0.9643	0.0434
segment	0.9481	0.0148	0.9530	0.9393	0.0685
segmentation	0.8490	0.1510	0.8341	0.6672	0.5782
segmentO	0.9978	0.0022	0.9958	0.9915	0.0443
seismic	0.9283	0.0717	0.4814	-0.0101	0.3717
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8556	0.1444	0.5841	0.0970	0.5832
sens-2-gram	0.8539	0.1461	0.5326	0.0976	0.5068
sens-3-gram	0.8342	0.1658	0.5105	0.0543	0.5761
sens-4-gram	0.8053	0.1947	0.5402	0.0561	0.6181
sens-5-gram	0.8197	0.1803	0.5422	0.0226	0.6113
sens-6-gram	0.8500	0.1500	0.5205	0.0736	0.5137
sens-7-gram	0.8382	0.1618	0.5051	0.0449	0.5233
sens-8-gram	0.8316	0.1684	0.4959	0.0268	0.5256
sens-9-gram	0.8513	0.1487	0.5737	0.1065	0.5965
shoppers	0.8865	0.1135	0.7484	0.4626	0.5358
sick	0.9602	0.0398	0.8157	0.5953	0.3134
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9943	0.0057	0.9915	0.9828	0.0842
smarket	0.9640	0.0360	0.9646	0.9278	0.1620
smart-farming	0.2400	0.3800	0.0967	0.0000	0.4052
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
soil_pollution	0.2017	0.3193	0.1438	0.0082	0.5930
solar-flare	0.7698	0.0767	0.6890	0.7052	0.2073
sonar	0.7500	0.2500	0.7659	0.5000	0.6151
soybean	0.9926	0.0008	0.9972	0.9919	0.0057
spam-detection	0.9537	0.0462	0.8585	0.7166	0.4463
spambase	0.9152	0.0848	0.9110	0.8214	0.3879
spect	0.7778	0.2222	0.6696	0.3200	0.7309
spectf	0.8857	0.1143	0.8600	0.7200	0.5179
spectrometer	0.2736	0.0303	0.1047	0.2018	0.2407
splice-EI	0.9101	0.0899	0.8905	0.7767	0.4326
splice-IE	0.8896	0.1104	0.8542	0.7065	0.5040
sport-articles	0.8600	0.1400	0.8485	0.6963	0.5487
squash-stored	0.9000	0.0667	0.9301	0.8438	0.0929
squash-unstored	0.8000	0.1333	0.4762	0.6154	0.0902
startup	0.8925	0.1075	0.8790	0.7551	0.3498
steel_industry	0.8365	0.1090	0.7974	0.7335	0.3350
steel-b	0.8615	0.1385	0.7831	0.5618	0.6159
steel-d	0.9872	0.0128	0.8791	0.7482	0.2050
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8179	0.1821	0.7953	0.5872	0.6416
steel-p	0.9410	0.0590	0.7657	0.4821	0.3903
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9718	0.0282	0.9253	0.8484	0.3633
stock	0.8403	0.1597	0.5903	0.1786	0.3801

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	0.9890	0.0073	0.9890	0.9835	0.0324
streaming	0.8870	0.1130	0.8856	0.7702	0.4516
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6200	0.1520	0.3425	0.3715	0.4190
student-depression	0.6921	0.3079	0.6783	0.3548	0.8358
student-habits	0.3500	0.2600	0.1760	0.0233	0.5538
student-weekend	0.3231	0.2708	0.2000	0.0398	0.6377
student-workday	0.6719	0.1312	0.1850	0.0640	0.4168
studentap	0.4231	0.3846	0.4748	0.1744	0.6244
susy1%	0.7962	0.2038	0.7947	0.5856	0.6616
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.7446	0.2554	0.6613	0.4892	0.2992
swarm_grouped	0.9933	0.0067	0.9929	0.9857	0.0401
tae	0.5667	0.2889	0.6057	0.3500	0.4865
telco-churn	0.8693	0.1307	0.8275	0.6533	0.5558
texture	0.9909	0.0017	0.9913	0.9900	0.0139
theorem	0.9894	0.0106	0.9892	0.9782	0.0710
thoracic	0.7872	0.2128	0.4398	-0.0797	0.5563
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9342	0.0658	0.9204	0.8316	0.2664
tic-tac-toe	0.9947	0.0053	0.9941	0.9881	0.0275
tis	0.8340	0.1660	0.7491	0.4861	0.6172
tis10%	0.7836	0.2164	0.6756	0.3357	0.7222
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1250	0.3268	0.4520	0.1850
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.5882	0.4118	0.4163	-0.0574	0.7344
toxicity-13f	0.6765	0.3235	0.5299	0.1654	0.6533
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.5901	0.1605	0.8031
trec11-wc	0.3659	0.1409	0.1920	0.2652	0.2825
trec12-wc	0.1613	0.2097	0.0347	0.0000	0.3749
trec21-wc	0.4545	0.1818	0.3069	0.3938	0.1747
trec23-wc	0.3571	0.2143	0.3336	0.2301	0.3417
trec31-wc	0.5000	0.1429	0.4285	0.4755	0.2323
trec41-wc	0.1023	0.1795	0.0186	0.0000	0.3474
trec45-wc	0.1014	0.1797	0.0184	0.0000	0.3744
tuandromd	0.9854	0.0146	0.9772	0.9542	0.1184
turkish	0.7250	0.1375	0.7256	0.6333	0.2674
tvnews1%	0.7577	0.2423	0.6308	0.3734	0.4783
tvnews10%	0.8917	0.1083	0.8832	0.7664	0.4692
ur3_cobotops_grip	0.9680	0.0320	0.6656	0.2440	0.3903
ur3_cobotops_stop	0.9721	0.0279	0.7574	0.4388	0.2944
urban	0.7388	0.0580	0.7702	0.6959	0.2137
urinalysis	0.9301	0.0699	0.5182	0.0498	0.4069
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7857	0.1071	0.7511	0.7110	0.1886
vehicleVAN	0.9702	0.0298	0.9608	0.9214	0.2227
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9186	0.0814	0.9206	0.8375	0.3468
vowel	0.5404	0.0836	0.5551	0.4944	0.2316
vowelZ	0.9444	0.0556	0.8096	0.5344	0.1503
wap-wc	0.0256	0.0974	0.0363	0.0056	0.3752
warpar10p	0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p	0.1190	0.1762	0.0722	0.0263	0.3967
watch-acc1%	0.7797	0.0629	0.7746	0.7422	0.2688
watch-gyr1%	0.7427	0.0735	0.7370	0.6993	0.3151
water_pollution	0.2500	0.3750	0.2493	-0.0005	0.8649

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
waveform	0.7720	0.1520	0.7723	0.6579	0.4619
weather-related	0.9760	0.0044	0.9774	0.9728	0.0379
web-phishing	0.8333	0.1111	0.7289	0.7015	0.4555
Weekly	0.9861	0.0139	0.9860	0.9719	0.0971
weight-lift	0.9791	0.0084	0.9787	0.9736	0.0483
white-clover	0.5833	0.2083	0.3526	0.2909	0.2035
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9855	0.0145	0.9189	0.8212	0.1624
wine	0.9706	0.0196	0.9705	0.9503	0.0767
winequality-red	0.6447	0.1184	0.3099	0.4178	0.3579
winequality-white	0.6115	0.1110	0.3012	0.3960	0.4028
winnipeg10%	0.9886	0.0032	0.9398	0.9857	0.1003
wisc_bc	0.9825	0.0175	0.9812	0.9623	0.1070
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5811	0.0838	0.3897	0.4583	0.3703
yeastCYT-POX	0.9694	0.0306	0.8220	0.6342	0.5171
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9764	0.0236	0.7300	0.4412	0.4749
yeastME2	0.9628	0.0372	0.7471	0.4075	0.2680
zip	0.8522	0.0296	0.8857	0.8353	0.1100

Table 313: Detailed results for GPLS(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1759	0.0785	0.0878	0.0801	0.4445
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.6707	0.3056	0.7334
AID644red	0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8404	0.1596	0.7651	0.5101	0.6023
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7238	0.1105	0.2705	0.2889	0.2942
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8744	0.1256	0.8607	0.7194	0.5087
anneal	0.8989	0.0404	0.6950	0.7756	0.1774
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9305	0.0348	0.6725	0.8646	0.1640
anuran-genus	0.9318	0.0170	0.7369	0.8854	0.1335
anuran-species	0.9389	0.0122	0.8612	0.9144	0.0897
anxiety	0.1500	0.1889	0.1354	0.0413	0.7730
apple-quality	0.7250	0.2750	0.7257	0.4500	0.7833
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.7333	0.0533	0.4209	0.5140	0.1657

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.8775	0.1225	0.6470	0.2356	0.5913
audiology	0.8182	0.0331	0.7462	0.7822	0.0882
audit-risk	0.9487	0.0513	0.9465	0.8917	0.2547
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.5500	0.1800	0.4828	0.3857	0.3873
avila	0.5041	0.0827	0.2450	0.2367	0.3366
babies	0.4355	0.1613	0.1722	0.1098	0.4494
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.9085	0.0915	0.7393	0.4640	0.5735
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8476	0.1524	0.8372	0.6738	0.5763
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.5948	0.2026	0.5854	0.4597	0.5171
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6667	0.7143	0.0602
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4900	0.3400	0.2641	-0.0049	0.3791
car	0.8448	0.0776	0.6062	0.6626	0.3540
card	0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography	0.7324	0.0535	0.5970	0.6741	0.2595
cardiotocography-nsp	0.8732	0.0845	0.7620	0.6202	0.4052
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9949	0.0034	0.9949	0.9924	0.0205
cars	0.6000	0.2667	0.4132	0.2593	0.6139
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7235	0.2765	0.7207	0.4398	0.7874
cas_N6512_RDkit_MACCS_FP	0.7485	0.2515	0.7489	0.4966	0.7496
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9186	0.0814	0.6966	0.3296	0.4914
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml	0.8876	0.1124	0.7377	0.3588	0.3562
ci900367j_MACCS	0.6947	0.3053	0.6590	0.2941	0.8009
circles	0.7170	0.0057	0.7100	0.7141	0.0580
cirrhosis	0.7619	0.1587	0.5228	0.4976	0.3306
cjs	0.7500	0.0833	0.6637	0.6918	0.2591
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7713	0.1144	0.4948	0.6247	0.2970
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.7500	0.1667	0.8028	0.6000	0.3320
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4740	0.1964	0.7305
cnae-9	0.6111	0.0864	0.5007	0.5625	0.2441
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.8681	0.0132	0.8498	0.8611	0.0706
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.6000	0.0533	0.4622	0.5522	0.1950
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5862	0.4138	0.4937	-0.0116	0.9557
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons10%	0.5173	0.4827	0.3409	0.0000	0.5256
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7548	0.2452	0.7555	0.5099	0.7391
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8756	0.0415	0.6463	0.7257	0.2381
cryotherapy	0.7778	0.2222	0.7750	0.5500	0.7072
cultivars	0.1250	0.0437	0.0933	0.1004	0.1512
cybersecurity	0.1633	0.2789	0.1641	-0.0079	0.8716
cyclopentane	0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands	0.6667	0.3333	0.6525	0.2779	0.8116
darwin	0.7222	0.2778	0.7358	0.4444	0.7161
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8827	0.1173	0.7477	0.4323	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7500	0.2500	0.6153	0.2105	0.7950
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5490	0.3007	0.3600	0.1263	0.5951
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6250	0.3750	0.6202	0.2394	0.9011
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7765	0.1490	0.6847	0.6158	0.4099
drug-01	0.4043	0.1702	0.1520	0.0591	0.5474
drug-02	0.5106	0.1398	0.1693	0.1086	0.5108
drug-03	0.6862	0.0897	0.1412	0.0393	0.2917
drug-04	0.5213	0.1368	0.2135	0.0775	0.4276
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2941	0.2733	0.4117
drug-07	0.4734	0.1505	0.1451	0.0992	0.3349
drug-08	0.5745	0.1216	0.2341	0.1523	0.4073
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1443	0.1117	0.4161
drug-11	0.8511	0.0426	0.1317	0.0277	0.1222
drug-12	0.7872	0.0608	0.1258	-0.0056	0.2801
drug-13	0.6223	0.1079	0.2552	0.2503	0.3722
drug-14	0.6064	0.1125	0.2962	0.2619	0.3932
drug-15	0.7500	0.0714	0.1236	0.0299	0.3333

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.6011	0.1140	0.2447	0.3170	0.3768
drug-17	0.3670	0.1809	0.1762	0.1163	0.5210
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7500	0.0714	0.1224	-0.0246	0.3990
drybean	0.8406	0.0456	0.8559	0.8064	0.2042
ecoli	0.8529	0.0490	0.7357	0.7909	0.1686
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7238	0.4460	0.7379
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.1900	0.4050	0.1905	-0.0797	0.8909
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5861	0.4139	0.5732	0.1111	0.8389
eeg10%	0.0626	0.1172	0.0134	0.0171	0.3970
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6027	0.1589	0.5595	0.4793	0.4505
euthyroid	0.9399	0.0601	0.8084	0.5325	0.1598
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5250	0.4750	0.5249	0.0497	0.9851
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.6545	0.0406	0.4562	0.5956	0.2284
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.5396	0.0786	0.9702
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9170	0.8937	0.1261
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.6250	0.2500	0.6148	0.4182	0.4923
gender	0.6021	0.2653	0.3816	0.1459	0.5600
gene	0.9211	0.0526	0.9106	0.8738	0.2261
german	0.7400	0.2600	0.6980	0.3705	0.7408
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
glass	0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.5151	0.2593	0.4431
gsalc	0.5556	0.1481	0.5133	0.4783	0.2073
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.5775	0.1690	0.5698	0.4623	0.5724
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7619	0.0680	0.3884	0.6130	0.1560
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.8360	0.1640	0.8078	0.6153	0.6252
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6264	0.3736	0.6230	0.2438	0.9015
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1556	0.0833	0.3290
hinselmann	0.5000	0.5000	0.3333	-0.3158	0.8298
hitters	0.4688	0.5312	0.3191	0.0000	0.5307
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6111	0.2593	0.5542	0.3298	0.6364
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9777	0.0223	0.9297	0.8554	0.1927
hypothyroid	0.9337	0.0332	0.4488	0.4801	0.1704
hypothyroidT	0.9523	0.0477	0.8053	0.5500	0.2570
ilpd	0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9407	0.0297	0.9419	0.9209	0.1165
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8090	0.1910	0.5996	0.1051	0.5874
jvowels	0.9167	0.0185	0.9115	0.9055	0.1221
kc1	0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.7692	0.0923	0.5122	0.4868	0.2637
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.0526	0.9474	0.0500	0.0000	0.1368
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.8201	0.1199	0.7565	0.7006	0.2785
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2706	0.0810	0.2248	0.1648	0.5322
krvskp	0.9373	0.0627	0.9382	0.8747	0.3025
la1s-wc	0.2317	0.2561	0.0627	0.0000	0.3731
la2s-wc	0.2517	0.2494	0.0670	0.0000	0.3690
labor	0.8333	0.1667	0.8537	0.6667	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leaf	0.5882	0.0358	0.5395	0.5685	0.1216
led24	0.7500	0.0556	0.7684	0.7167	0.1354
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.0410	0.0738	0.0069	0.0068	0.4349
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.6667	0.0444	0.6322	0.6424	0.1246
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9157	0.0843	0.9098	0.8192	0.3914
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.3865	0.1115	0.1543	0.1437	0.4758
lrs	0.8302	0.0485	0.5237	0.7608	0.1297
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7764	0.2236	0.7462	0.4850	0.7134
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8535	0.7064	0.5488
marketing	0.8661	0.1339	0.6667	0.2640	0.5692
maternal	0.6436	0.2376	0.6494	0.4495	0.5354
math	0.8000	0.1000	0.7750	0.6819	0.2514
mba	0.8242	0.1172	0.3864	0.1229	0.3792
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2133	0.3147	0.2168	0.0138	0.8464
messidor	0.7043	0.2957	0.7092	0.4120	0.7966
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.5556	0.2222	0.6290	0.3712	0.4201
meter-D	0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac	0.9550	0.0090	0.9554	0.9500	0.0543
mfeat-fou	0.7950	0.0410	0.7946	0.7722	0.1797
mfeat-kar	0.9500	0.0100	0.9516	0.9444	0.0626
mfeat-mor	0.7150	0.0570	0.7166	0.6833	0.2151
mfeat-pix	0.9550	0.0090	0.9576	0.9500	0.0508
mfeat-zer	0.7800	0.0440	0.7782	0.7556	0.1779
mice-prot	0.9537	0.0116	0.9555	0.9470	0.0536
milk	0.8585	0.0943	0.8664	0.7877	0.2966
mines	0.5000	0.2000	0.4713	0.3717	0.4615
mobile	0.5035	0.0177	0.5082	0.4945	0.2074
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.4739	0.0957	0.4672	0.3572	0.5352
musk	0.8455	0.1545	0.4581	0.0000	0.2996

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7098	0.2902	0.7010	0.4019	0.8135
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.2002	0.1525	0.3229
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9912	0.0088	0.9835	0.9670	0.1081
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4722	0.3519	0.2778	-0.0588	0.5706
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.6682	0.0948	0.6574	0.6129	0.3401
obs	0.7870	0.1065	0.8008	0.6766	0.2654
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9664	0.0168	0.8953	0.8972	0.0958
oh0-wc	0.2079	0.1584	0.1005	0.1447	0.3963
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.6630	0.0674	0.5758	0.6135	0.2628
oh5-wc	0.2198	0.1560	0.0725	0.1149	0.3846
olive	0.9298	0.0156	0.9204	0.9124	0.0471
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr	0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8053	0.6052	0.6112
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9125	0.8249	0.3952
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9525	0.0190	0.6164	0.6878	0.1292
parkinson	0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons	0.8009	0.1991	0.7922	0.5833	0.6727
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4742	0.5258	0.4407	-0.1161	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pd	0.8421	0.1579	0.7770	0.5472	0.6265
pediatric-leukemia	0.4118	0.1681	0.3433	0.2766	0.4483
pendigits	0.8981	0.0204	0.9012	0.8867	0.1260
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8251	0.1749	0.8121	0.6238	0.6279
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9050	0.0950	0.8912	0.7757	0.3893
phishing	0.9469	0.0531	0.9442	0.8880	0.2777
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.2205	0.2227	0.1530	0.0808	0.5277
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.2613	0.2111	0.1837	0.1271	0.4685
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7704	0.2296	0.7047	0.4064	0.7606
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.0751	0.6166	0.0466	0.0000	0.2413
placement	0.7980	0.2020	0.7926	0.5851	0.6741
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9439	0.0561	0.4856	-0.0058	0.3707
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6933	0.3824	0.8214
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.5152	0.0746	0.4490	0.4601	0.2500
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7164	0.2836	0.6476	0.2629	0.7776
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9808	0.0192	0.9407	0.8764	0.1278
raisin	0.9333	0.0667	0.9333	0.8667	0.3271
re0-wc	0.0133	0.1518	0.0020	0.0000	0.3290
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rice	0.9857	0.0143	0.9856	0.9711	0.0974
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6009	0.3991	0.5651	0.1216	0.9203
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8149	0.0617	0.7584	0.7681	0.2094
satimageF	0.9844	0.0156	0.9589	0.9167	0.1403
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6471	0.3529	0.6481	0.2941	0.8778
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9134	0.0247	0.9200	0.8987	0.1076
segmentation	0.8069	0.1931	0.7858	0.5698	0.6665
segmentO	0.9524	0.0476	0.9008	0.7980	0.3222
seismic	0.9380	0.0620	0.6847	0.1046	0.1594
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.1339	0.8661	0.1181	0.0000	0.2968
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-9-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9469	0.0530	0.7418	0.4487	0.4644
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2133	0.3147	0.2126	0.0148	0.8555
solar-flare	0.7410	0.0863	0.6429	0.6673	0.2390
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9118	0.0093	0.8847	0.9031	0.0512
spam-detection	0.9430	0.0570	0.8104	0.6092	0.4519
spambase	0.9152	0.0848	0.9115	0.8191	0.3596
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.3269	0.0499	0.1645	0.2789	0.2183
splice-EI	0.9590	0.0410	0.9488	0.8952	0.2904
splice-IE	0.9054	0.0946	0.8658	0.7306	0.4739
sport-articles	0.8600	0.1400	0.8486	0.6857	0.4988
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8000	0.2000	0.6645	0.3185	0.7474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9590	0.0410	0.9361	0.8718	0.2764
steel-o	0.7385	0.2615	0.6950	0.3609	0.7364
steel-p	0.9333	0.0667	0.7287	0.4051	0.4581
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9590	0.0410	0.8893	0.7772	0.4339
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8889	0.1111	0.7920	0.5583	0.4961
stockb	0.8855	0.0764	0.8881	0.8283	0.1925
streaming	0.7860	0.2140	0.7842	0.5682	0.6920
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6350	0.1460	0.3439	0.3897	0.3820
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4000	0.2400	0.1843	0.0467	0.4650
student-weekend	0.3692	0.2523	0.2612	0.1274	0.6302
student-workday	0.6875	0.1250	0.2125	0.1369	0.4246
studentap	0.6154	0.2564	0.5887	0.3981	0.5416
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.3124	0.6876	0.2380	0.0000	0.4886
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.9006	0.0994	0.8694	0.7371	0.4673
texture	0.8418	0.0288	0.8223	0.8252	0.1131
theorem	0.9787	0.0213	0.9783	0.9560	0.1161
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9684	0.0316	0.9645	0.9288	0.1892
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8358	0.1642	0.7581	0.4715	0.5503
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.2439	0.1680	0.0987	0.1062	0.3914
trec12-wc	0.1935	0.2016	0.1423	0.0337	0.3698
trec21-wc	0.1212	0.3515	0.0432	0.0000	0.2551
trec23-wc	0.4762	0.1746	0.3988	0.2476	0.3742
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1014	0.1797	0.0184	0.0000	0.3744
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.8000	0.1000	0.7979	0.7333	0.2139
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9000	0.1000	0.8917	0.7825	0.4367
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7313	0.0597	0.7044	0.6825	0.1811
urinalysis	0.9441	0.0559	0.6312	0.1817	0.4666
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.6905	0.1548	0.6426	0.5784	0.3528
vehicleVAN	0.8929	0.1071	0.8550	0.7097	0.5113

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.4343	0.1028	0.4361	0.3778	0.2729
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.9231	0.0154	0.9583	0.9133	0.0343
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.2251	0.2214	0.1442	0.0913	0.4832
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2200	0.3900	0.2197	-0.0400	0.8832
waveform	0.8640	0.0907	0.8641	0.7960	0.3284
weather-related	0.0635	0.1703	0.0109	0.0000	0.3962
web-phishing	0.7926	0.1383	0.5502	0.6135	0.4848
Weekly	0.9722	0.0278	0.9719	0.9436	0.1670
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0346
wilt	0.9545	0.0455	0.6776	0.2518	0.3790
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5723	0.1426	0.2368	0.2826	0.3825
winequality-white	0.5194	0.1373	0.2430	0.2113	0.4216
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7467	0.7983	0.0412
yeast	0.5068	0.1096	0.3567	0.3620	0.4160
yeastCYT-POX	0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9054	0.0189	0.8985	0.8938	0.1374

Table 314: Detailed results for GPLS(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1855	0.0776	0.1775	0.1016	0.4826
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.1810	0.8190	0.1532	0.0000	0.3661
AID_602330	0.0417	0.9583	0.0400	0.0000	0.1107
AID_652128	0.1010	0.5993	0.1359	0.0158	0.2609
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.0583	0.9417	0.0550	0.0000	0.1497
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6000	0.4000	0.4724	-0.0526	0.9519
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8404	0.1596	0.7651	0.5101	0.6023
air_pollution	0.1000	0.2571	0.1100	-0.0017	0.8007
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7619	0.0952	0.4131	0.3952	0.2753
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8744	0.1256	0.8607	0.7194	0.5087
anneal	0.8539	0.0584	0.7833	0.6553	0.2911
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9861	0.0139	0.4965	-0.0067	0.5619
anuran-family	0.9416	0.0292	0.8185	0.8867	0.1416
anuran-genus	0.9597	0.0101	0.8856	0.9332	0.1268
anuran-species	0.9694	0.0061	0.9282	0.9574	0.0548
anxiety	0.1083	0.1981	0.1064	-0.0049	0.8068
apple-quality	0.7225	0.2775	0.7233	0.4450	0.7864
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.6000	0.0800	0.4996	0.3784	0.2442
auction	0.8824	0.1176	0.6624	0.2491	0.5423
audiology	0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk	0.9359	0.0641	0.9334	0.8639	0.2894
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6500	0.1400	0.6517	0.5333	0.3457
avila	0.5496	0.0751	0.3360	0.3266	0.4255
babies	0.4113	0.1682	0.1360	0.0820	0.5649
balance	0.8710	0.0860	0.6121	0.7627	0.3913
bank	0.9085	0.0915	0.7393	0.4640	0.5735
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8476	0.1524	0.8372	0.6738	0.5763
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6172	0.1914	0.6140	0.4896	0.5189
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7490	0.6733	0.1057
bridges	0.7000	0.1000	0.6496	0.5946	0.1728
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.0990	0.6007	0.0601	0.0000	0.4064
car	0.8793	0.0603	0.7897	0.7447	0.3362
car-insurance	0.8200	0.1800	0.7843	0.5656	0.6520
card	0.8551	0.1449	0.8510	0.6968	0.5304
cardiotocography	0.8122	0.0376	0.7469	0.7735	0.2144
cardiotocography-nsp	0.8779	0.0814	0.7817	0.6533	0.4359
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0106
cars	0.6750	0.2167	0.5101	0.4222	0.4970
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.7235	0.2765	0.7207	0.4398	0.7874

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7485	0.2515	0.7489	0.4966	0.7496
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.7000	0.3000	0.6986	0.3971	0.8217
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9302	0.0698	0.4819	-0.0320	0.6578
cervical-S	0.9186	0.0814	0.6966	0.3296	0.4914
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.0012	0.9988	0.0012	0.0000	0.0034
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.0783	0.9217	0.0726	0.0000	0.1935
churn	0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml	0.8876	0.1124	0.7377	0.3588	0.3562
ci900367j_MACCS	0.7158	0.2842	0.6910	0.3794	0.8107
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.5388	0.5521	0.3151
cjs	0.8929	0.0357	0.8680	0.8689	0.1265
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8046	0.0977	0.5657	0.6941	0.3134
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.1000	0.9000	0.0909	0.0000	0.2369
cmc	0.4898	0.3401	0.4615	0.1979	0.7487
cnae-9	0.8796	0.0267	0.8962	0.8646	0.1133
codon_usage	0.8258	0.0317	0.6825	0.7870	0.2335
coil20	0.9722	0.0028	0.9736	0.9708	0.0189
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.7200	0.0373	0.6380	0.6900	0.1405
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5517	0.4483	0.4647	-0.0680	0.9793
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.6552	0.3448	0.6372	0.2714	0.8780
colposcopies-4	0.7241	0.2759	0.6025	0.1831	0.8141
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7572	0.2428	0.7580	0.5147	0.7347
coupon	0.5686	0.4314	0.3625	0.0000	0.5122

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8848	0.0384	0.7463	0.7526	0.2618
cryotherapy	0.6667	0.3333	0.6582	0.3077	0.8482
cultivars	0.3750	0.0312	0.2370	0.3574	0.0936
cybersecurity	0.1733	0.2756	0.1702	0.0037	0.8584
cyclopentane	0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands	0.6296	0.3704	0.6174	0.2340	0.9050
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8858	0.1142	0.7564	0.4416	0.4305
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.1678	0.8322	0.1437	0.0000	0.3484
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7500	0.2500	0.6153	0.2105	0.7950
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%	0.5686	0.2876	0.3660	0.1492	0.5586
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.9062	0.0938	0.9076	0.7983	0.3833
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6250	0.3750	0.6202	0.2394	0.9011
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5631	0.4369	0.5593	0.1176	0.9576
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7833	0.1445	0.7096	0.6369	0.4307
drug-01	0.3777	0.1778	0.1217	0.0290	0.5946
drug-02	0.5053	0.1413	0.1561	0.0843	0.4620
drug-03	0.1330	0.2477	0.1442	0.0521	0.6201
drug-04	0.5319	0.1337	0.1807	0.0861	0.4657
drug-05	0.0479	0.2720	0.0394	-0.0038	0.5493
drug-06	0.4255	0.1641	0.2672	0.2683	0.5198
drug-07	0.0160	0.2812	0.0051	-0.0086	0.4800
drug-08	0.2979	0.2006	0.1977	0.0714	0.6004
drug-09	0.0638	0.3121	0.0448	0.0109	0.3172
drug-10	0.2340	0.2188	0.2238	0.0356	0.5400
drug-11	0.0585	0.2690	0.0389	0.0189	0.3872
drug-12	0.0957	0.2584	0.0749	0.0350	0.3701

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-13	0.5798	0.1201	0.1548	0.1282	0.3959
drug-14	0.5904	0.1170	0.2478	0.2407	0.5529
drug-15	0.0691	0.2660	0.0728	0.0182	0.5297
drug-16	0.5319	0.1337	0.2175	0.2128	0.4325
drug-17	0.3723	0.1793	0.2417	0.1277	0.4965
drug-18	0.0053	0.9947	0.0053	0.0000	0.0152
drug-19	0.1117	0.2538	0.0463	0.0330	0.3658
drybean	0.9287	0.0204	0.9406	0.9138	0.1164
ecoli	0.8235	0.0588	0.7096	0.7524	0.1492
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7525	0.5050	0.6964
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2200	0.3900	0.2216	-0.0396	0.8677
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.5868	0.4132	0.5742	0.1124	0.8371
eeg10%	0.3367	0.0829	0.3218	0.2611	0.5858
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6712	0.1315	0.6448	0.5758	0.3761
euthyroid	0.9399	0.0601	0.8056	0.5503	0.2762
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5475	0.4525	0.5474	0.0949	0.9702
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fertility	0.1000	0.9000	0.0909	0.0000	0.2369
finance	0.5882	0.4118	0.5799	0.1587	0.9396
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9038	0.0481	0.9013	0.8678	0.1373
gas	0.7743	0.0752	0.7841	0.7277	0.2564
gastrointestinal	0.7500	0.1667	0.7551	0.5924	0.3347
gender	0.5958	0.2695	0.4187	0.1540	0.6813
gene	0.9306	0.0463	0.9221	0.8891	0.2058
german	0.7400	0.2600	0.6980	0.3705	0.7408
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.6190	0.3810	0.5000	0.0000	0.9172
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8660	0.7317	0.5218
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2667	0.3667	0.3131	0.0060	0.5745
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.3481	0.2608	0.2106	0.1165	0.4594
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.3336	0.1904	0.3764	0.2771	0.2215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth	0.4492	0.0918	0.0517	0.0000	0.2692
harth1%	0.4493	0.0918	0.0517	0.0000	0.2692
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.1200	0.4400	0.1034	-0.0088	0.5649
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.8400	0.1600	0.8119	0.6234	0.6155
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6264	0.3736	0.6230	0.2438	0.9015
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.1529	0.0667	0.3370
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.4102	0.2253	0.6441
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.1368	0.8632	0.1204	0.0000	0.3017
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.9777	0.0223	0.9297	0.8554	0.1927
hypothyroid	0.9098	0.0451	0.3015	0.3454	0.3709
hypothyroidT	0.9523	0.0477	0.8053	0.5500	0.2570
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9407	0.0297	0.9421	0.9209	0.1144
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9397	0.0046	0.9411	0.9373	0.0559
jm1	0.8072	0.1928	0.5930	0.1013	0.6059
jvowels	0.9478	0.0116	0.9449	0.9408	0.0829
kc1	0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.0769	0.3692	0.0500	0.0000	0.3504
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.8326	0.1116	0.7782	0.7212	0.2758
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2927	0.0786	0.2596	0.1974	0.5968

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krvskp	0.9279	0.0721	0.9290	0.8559	0.3341
labor	0.5000	0.5000	0.5000	0.0000	0.9298
leaf	0.7647	0.0205	0.7370	0.7521	0.0670
led24	0.7000	0.0667	0.7575	0.6601	0.1682
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7860	0.0165	0.7855	0.7774	0.2170
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8333	0.0222	0.8443	0.8210	0.0794
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9157	0.0843	0.9097	0.8188	0.3882
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.4284	0.1039	0.1976	0.2490	0.5336
lrs	0.8868	0.0323	0.6525	0.8427	0.0688
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.8889	0.0370	0.8163	0.8421	0.0589
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7764	0.2236	0.7462	0.4850	0.7134
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8535	0.7064	0.5488
marketing	0.8750	0.1250	0.6965	0.2884	0.4631
maternal	0.6634	0.2244	0.6617	0.4812	0.4807
math	0.7750	0.1125	0.7327	0.6548	0.3829
mba	0.0161	0.6559	0.0106	0.0000	0.2224
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2233	0.3107	0.2253	0.0268	0.8396
messidor	0.7043	0.2957	0.7092	0.4120	0.7966
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.8471	0.6870	0.1182
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9600	0.0080	0.9604	0.9556	0.0478
mfeat-fou	0.8000	0.0400	0.8010	0.7778	0.1771
mfeat-kar	0.9650	0.0070	0.9662	0.9611	0.0437
mfeat-mor	0.7200	0.0560	0.7263	0.6889	0.1952
mfeat-pix	0.9650	0.0070	0.9660	0.9611	0.0440
mfeat-zer	0.7900	0.0420	0.7908	0.7667	0.1580
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8491	0.1006	0.8592	0.7741	0.3041
mines	0.5000	0.2000	0.4355	0.3738	0.4046
mobile	0.8217	0.0064	0.8327	0.8184	0.0814
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
music	0.4894	0.0928	0.4861	0.3789	0.5237
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.7098	0.2902	0.7010	0.4019	0.8135
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.0235	0.2441	0.0672	0.0044	0.4777
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.1111	0.6061	0.6000	0.1254
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.9912	0.0088	0.9835	0.9670	0.1081
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4722	0.3519	0.2907	-0.0451	0.5732
nursery	0.3449	0.3275	0.3318	0.0233	0.3459
obesity	0.7867	0.0609	0.7862	0.7512	0.2342
obs	0.8056	0.0972	0.8355	0.7034	0.2508
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9901	0.0049	0.9696	0.9699	0.0459
oh0-wc	0.7921	0.0416	0.7673	0.7603	0.2020
oh10-wc	0.7143	0.0571	0.6797	0.6727	0.2541
oh15-wc	0.6957	0.0609	0.6838	0.6523	0.2796
oh5-wc	0.7473	0.0505	0.7648	0.7128	0.2144
olive	0.9474	0.0117	0.9345	0.9347	0.0365
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9573	0.0085	0.9601	0.9525	0.0584
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr	0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8053	0.6052	0.6112
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9125	0.8249	0.3952
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9598	0.0161	0.6793	0.7491	0.2829
parkinson	0.9500	0.0500	0.9488	0.8972	0.2733
parkinsons	0.8104	0.1896	0.8008	0.6012	0.6568
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7192	0.2808	0.4183	0.0000	0.4269
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcmac	0.4588	0.5412	0.4344	-0.1305	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7770	0.5472	0.6265
pediatric-leukemia	0.6471	0.1008	0.5779	0.5632	0.3208
pendigits	0.9663	0.0067	0.9670	0.9626	0.0521
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8251	0.1749	0.8121	0.6238	0.6279
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.9050	0.0950	0.8912	0.7757	0.3893
phishing	0.9510	0.0490	0.9485	0.8965	0.2569
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%	0.6072	0.1122	0.6005	0.5402	0.3734
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%	0.6088	0.1118	0.5831	0.5411	0.3881
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7704	0.2296	0.7047	0.4064	0.7606
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.8896	0.0736	0.6421	0.5358	0.1206
placement	0.7980	0.2020	0.7924	0.5848	0.6741
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.2778	0.7222	0.2174	0.0000	0.4652
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.0205	0.2799	0.0058	-0.0008	0.4746
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9429	0.0571	0.4853	-0.0076	0.4138
polish-5th	0.0694	0.9306	0.0649	0.0000	0.1745
polya	0.6422	0.3578	0.3910	0.0000	0.4790
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.5152	0.0746	0.5162	0.4612	0.2387
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7761	0.2239	0.7384	0.4741	0.7318
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.5854	0.1658	0.4966	0.4391	0.3948
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9808	0.0192	0.9407	0.8764	0.1278
raisin	0.9333	0.0667	0.9333	0.8667	0.3271
re0-wc	0.6600	0.0523	0.6240	0.5636	0.2295

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9852	0.0148	0.9850	0.9700	0.1000
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6009	0.3991	0.5651	0.1216	0.9203
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8414	0.0529	0.8001	0.8034	0.2156
satimageF	0.9844	0.0156	0.9589	0.9167	0.1403
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.5714	0.1714	0.4978	0.4474	0.2143
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9134	0.0247	0.9207	0.8988	0.1084
segmentation	0.8069	0.1931	0.7858	0.5698	0.6665
segmentO	0.9784	0.0216	0.9564	0.9127	0.2047
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-10-gram	0.8609	0.1391	0.4626	-0.0102	0.4516
sens-2-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9443	0.0557	0.7307	0.4346	0.5026
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming	0.1800	0.4100	0.1817	-0.0904	0.8813
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1800	0.3280	0.1806	-0.0263	0.8857
solar-flare	0.7626	0.0791	0.7139	0.6940	0.1893
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.9559	0.0046	0.9051	0.9515	0.0168
spam-detection	0.9430	0.0570	0.8104	0.6092	0.4519
spambase	0.9109	0.0891	0.9071	0.8095	0.3693
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.6346	0.0271	0.5152	0.6127	0.1290
splice-EI	0.9495	0.0505	0.9362	0.8705	0.3309
splice-IE	0.9085	0.0915	0.8728	0.7456	0.4757
sport-articles	0.8600	0.1400	0.8486	0.6857	0.4988
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8000	0.2000	0.6645	0.3185	0.7474
steel-d	0.0308	0.9692	0.0299	0.0000	0.0835
steel-k	0.9641	0.0359	0.9469	0.8929	0.2915
steel-o	0.7436	0.2564	0.7017	0.3758	0.7304
steel-p	0.9077	0.0923	0.5525	0.0695	0.5980
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9590	0.0410	0.8893	0.7772	0.4339
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8958	0.1042	0.8069	0.5931	0.4811
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.8000	0.2000	0.7995	0.5980	0.6638
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5600	0.1760	0.3887	0.3345	0.5960
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4200	0.2320	0.1962	0.0859	0.5593
student-weekend	0.3385	0.2646	0.1928	0.0630	0.6645
student-workday	0.6562	0.1375	0.2201	0.0845	0.5596
studentap	0.5385	0.3077	0.5822	0.2642	0.5113
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.4580	0.5420	0.3141	0.0000	0.5307
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.9006	0.0994	0.8692	0.7361	0.4643
texture	0.9855	0.0026	0.9860	0.9840	0.0202
theorem	0.9951	0.0049	0.9950	0.9899	0.0414
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9579	0.0421	0.9529	0.9058	0.2511
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.8209	0.1791	0.7495	0.4970	0.6882
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f	0.7059	0.2941	0.6898	0.2056	0.4505
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.5484	0.1129	0.5424	0.4143	0.2870
trec21-wc	0.5455	0.1818	0.1775	-0.0270	0.3541
trec23-wc	0.3810	0.2063	0.3403	0.1752	0.3638
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.7750	0.1125	0.7861	0.7000	0.2480
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.8923	0.1077	0.8836	0.7668	0.4642
tvnews10%	0.8512	0.1488	0.8376	0.6727	0.5621
ur3_cobotops_grip	0.0327	0.9673	0.0316	0.0000	0.0883
ur3_cobotops_stop	0.0367	0.9633	0.0354	0.0000	0.0985
urban	0.7761	0.0498	0.8212	0.7378	0.1613
urinalysis	0.9441	0.0559	0.6312	0.1817	0.4666
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vehicle	0.7143	0.1429	0.6775	0.6148	0.3466
vehicleVAN	0.7857	0.2143	0.7331	0.4627	0.7302
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.6768	0.0588	0.6924	0.6444	0.1852
vowelZ	0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7949	0.0205	0.5802	0.7694	0.1299
warpar10p	0.9231	0.0154	0.8743	0.9133	0.0195
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.3016	0.1995	0.2210	0.1700	0.5244
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.3737	0.1789	0.3416	0.2653	0.5175
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2167	0.3917	0.2152	-0.0453	0.8871
waveform	0.8480	0.1013	0.8480	0.7720	0.3559
weather-related	0.0635	0.1703	0.0109	0.0000	0.3962
web-phishing	0.7926	0.1383	0.6011	0.6193	0.5008
Weekly	0.9815	0.0185	0.9812	0.9625	0.1262
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5723	0.1426	0.2739	0.3060	0.5098
winequality-white	0.2618	0.2109	0.2267	0.1084	0.4805
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7496	0.7322	0.0603
yeast	0.4730	0.1171	0.3917	0.3174	0.3573
yeastCYT-POX	0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9129	0.0174	0.9064	0.9023	0.1287

Table 315: Detailed results for GPP

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.9787	0.0213	0.9547	0.9073	0.1433
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8826	0.1174	0.8349	0.6668	0.5304
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8857	0.0457	0.7073	0.7389	0.1323
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.9069	0.0931	0.7550	0.4676	0.4810
audiology	0.9545	0.0083	0.9705	0.9463	0.0239
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7000	0.1000	0.5391	0.5876	0.2021
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.4274	0.1636	0.1371	0.0837	0.3757
balance	0.9194	0.0538	0.8221	0.8501	0.1639
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio10%	0.0089	0.9911	0.0088	0.0000	0.0253
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7206	0.4324	0.7241
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.6636	0.7297	0.1136
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9655	0.0172	0.9462	0.9268	0.1561
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.8404	0.0319	0.8029	0.8080	0.2022
cardiotocography-nsp	0.1361	0.5759	0.0799	0.0000	0.2637
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6055	0.4890	0.5471
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9419	0.0581	0.7589	0.5147	0.5542
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.0009	0.9991	0.0009	0.0000	0.0027
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7263	0.2737	0.6979	0.3781	0.7671
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.7381	0.1746	0.4960	0.4774	0.4117
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5374	0.3084	0.5111	0.2728	0.7169
cnae-9	0.9352	0.0144	0.9405	0.9271	0.0687
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.7273	0.2727	0.4211	0.0000	0.4205
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.7241	0.2759	0.6740	0.3256	0.7761
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.4952	0.5048	0.3312	0.0000	0.5289
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.9074	0.0926	0.8093	0.5855	0.4167
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.3750	0.4167	0.2727	-0.1111	0.5095
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5625	0.2917	0.5963	0.3086	0.5178
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5686	0.2876	0.3660	0.1492	0.5586
diabetic10%	0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.3228	0.4515	0.1627	0.0000	0.3888
drug-01	0.4309	0.1626	0.1956	0.0966	0.4996
drug-02	0.5106	0.1398	0.1182	0.0197	0.3804
drug-03	0.6809	0.1064	0.1354	-0.0049	0.3173
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2181	0.2234	0.0512	0.0000	0.3777
drug-07	0.4309	0.1897	0.1004	0.0000	0.2655
drug-08	0.5479	0.1292	0.1871	0.1267	0.4478
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.1511	0.1163	0.3527
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6170	0.1094	0.1727	0.2194	0.3630
drug-14	0.6064	0.1125	0.2899	0.2383	0.3655
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5904	0.1365	0.3068	0.3218	0.4936
drug-17	0.1064	0.2553	0.0275	0.0000	0.3792
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.2608	0.2112	0.0591	0.0000	0.3690
ecoli	0.8235	0.0441	0.5314	0.7521	0.1377
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8254	0.6393	0.5094
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
eucalyptus	0.6164	0.1534	0.5791	0.5034	0.4127
euthyroid	0.9462	0.0538	0.8310	0.5977	0.1480
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7059	0.2941	0.7074	0.3846	0.7439
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.6500	0.1000	0.4122	0.5556	0.2645
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.6250	0.2500	0.5916	0.3846	0.5695
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.9338	0.0442	0.9267	0.8937	0.2073
german	0.7500	0.2500	0.7110	0.3902	0.7087
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9683	0.0317	0.9683	0.9366	0.1871
glass	0.7143	0.0952	0.5344	0.5800	0.2400
glass-g2	0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.2667	0.3667	0.2147	-0.0248	0.6735
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
har	0.2844	0.2862	0.0886	0.0000	0.3861
har701%	0.0898	0.2601	0.0235	0.0000	0.3024
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.4375	0.3750	0.5187	0.0886	0.5188
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higher	0.2143	0.1964	0.0577	0.0191	0.3425
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6667	0.2222	0.6453	0.3846	0.4620
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.2982	0.4679	0.1531	0.0000	0.4201
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.1564	0.8436	0.1352	0.0000	0.3319
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5000	0.0250	0.2914	0.4830	0.0787
led24	0.7000	0.0600	0.6650	0.6610	0.1248
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.0833	0.1222	0.0103	0.0000	0.4070
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9461	0.0539	0.9425	0.8841	0.2728
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.0943	0.2588	0.0246	0.0000	0.3411
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8235	0.6458	0.6162
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6337	0.2442	0.6384	0.4352	0.5418
math	0.7750	0.1125	0.7605	0.6429	0.2740
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.4348	0.5652	0.3030	0.0000	0.5294
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.8003	0.6104	0.2026
meter-D	0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.7100	0.0580	0.7165	0.6778	0.1944
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.9340	0.0440	0.9259	0.8987	0.1587
mines	0.5000	0.2000	0.4489	0.3745	0.3937
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.7818	0.2182	0.7822	0.5629	0.6930
monks-2	0.7705	0.2295	0.7337	0.4411	0.6840
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.1545	0.8455	0.1339	0.0000	0.3292
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9956	0.0044	0.9917	0.9833	0.0224

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5139	0.3241	0.3066	-0.0084	0.4955
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.4630	0.2685	0.1582	0.0000	0.3435
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.8242	0.0352	0.8303	0.8006	0.1573
olive	0.0526	0.2105	0.0111	0.0000	0.3790
opn310k	0.0909	0.9091	0.0833	0.0000	0.2192
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8909	0.7782	0.4492
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8728	0.7407	0.4303
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.1028	0.1794	0.0186	0.0000	0.4062
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7167	0.2833	0.4175	0.0000	0.4290
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6842	0.3158	0.6560	0.2808	0.7925
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6068	0.2059	0.9040
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.3030	0.0634	0.1233	0.2380	0.2254
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8060	0.1940	0.7711	0.5330	0.6591
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.4078	0.5922	0.2897	0.0000	0.5255
satimage	0.2271	0.2576	0.0617	0.0000	0.3819
satimageF	0.8911	0.1089	0.4712	0.0000	0.2371
satimageT	0.1011	0.8989	0.0918	0.0000	0.2389
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6397	0.2353	0.7947
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.0641	0.9359	0.0602	0.0000	0.1629
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9264	0.0210	0.9352	0.9139	0.0885
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7626	0.0791	0.6918	0.6941	0.1853
sonar	0.8000	0.2000	0.8062	0.6000	0.6236
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.3957	0.6043	0.2835	0.0000	0.5229
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.9429	0.0571	0.9300	0.8600	0.3290
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.9716	0.0284	0.9626	0.9251	0.2138
splice-IE	0.9401	0.0599	0.9155	0.8302	0.3423
sport-articles	0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.8000	0.2000	0.7730	0.5392	0.6699
steel-p	0.9436	0.0564	0.7817	0.5324	0.4232
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9236	0.0764	0.8636	0.7209	0.4165
stockb	0.9339	0.0441	0.9350	0.9009	0.1369
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4100	0.2360	0.2100	0.0508	0.3868
student-weekend	0.3385	0.2646	0.1736	0.0282	0.5841
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.4016	0.0370	0.6893
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.4580	0.5420	0.3141	0.0000	0.5307
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis10%	0.8134	0.1866	0.7250	0.4339	0.6798
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc	0.7805	0.0488	0.5526	0.7198	0.1416
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.9091	0.0364	0.7365	0.7876	0.0938
trec23-wc	0.6667	0.1111	0.4901	0.5084	0.2687
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.7536	0.0493	0.7246	0.7093	0.2057
tuandromd	0.2018	0.7982	0.1679	0.0000	0.3921
turkish	0.8500	0.0750	0.8686	0.8000	0.1344
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7738	0.1131	0.7469	0.6965	0.1808
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.6869	0.0569	0.7298	0.6556	0.1551
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8296	0.1136	0.7139	0.6956	0.4691
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.0497	0.9503	0.0473	0.0000	0.1299
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6164	0.1279	0.2945	0.3799	0.4906
winequality-white	0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5405	0.0919	0.3626	0.4034	0.3412
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 316: Detailed results for GPRBF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1687	0.0792	0.1358	0.0776	0.5158
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9543	0.0457	0.9006	0.7804	0.1365
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8545	0.1455	0.7877	0.5566	0.5630
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7143	0.1143	0.2081	0.1810	0.2083
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.9438	0.0225	0.7471	0.8791	0.1337
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.1000	0.2000	0.0981	-0.0150	0.8025
apple-quality	0.8675	0.1325	0.8683	0.7350	0.5122
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia	0.5778	0.0844	0.1145	0.1131	0.2485
auction	0.8922	0.1078	0.7009	0.3117	0.4664
audiology	0.5455	0.0826	0.4540	0.4226	0.2053
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adult	0.9857	0.0143	0.9820	0.9633	0.0649
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6500	0.1167	0.5172	0.5189	0.2610
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.4597	0.1544	0.1772	0.1571	0.5104
balance	0.9194	0.0538	0.8221	0.8501	0.1639
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9101	0.0899	0.9033	0.7973	0.3414
basehock	0.9698	0.0302	0.9698	0.9397	0.1825
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.7000	0.0857	0.4000	0.4828	0.1667
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8851	0.0575	0.5989	0.7413	0.2654
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8551	0.1449	0.8505	0.6997	0.5480
cardiotocography	0.7887	0.0423	0.7464	0.7426	0.1853
cardiotocography-nsp	0.8920	0.0720	0.8037	0.6753	0.2774
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9873	0.0085	0.9872	0.9809	0.0457
cars	0.7250	0.1833	0.6058	0.4902	0.5443
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7788	0.2212	0.7770	0.5516	0.6974
cas_N6512_RDkit_MACCS_FP	0.7853	0.2147	0.7848	0.5692	0.6913
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.7730	0.2270	0.7723	0.5444	0.7129
cas_N6512_rdkit_RDKITFP	0.7896	0.2104	0.7881	0.5762	0.6848
cas_N6512_rdkit_TORSION	0.7400	0.2600	0.7389	0.4778	0.7659
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7527	0.4814	0.6601
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9186	0.0814	0.4788	-0.0203	0.5749
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7053	0.2947	0.6722	0.3225	0.7901
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4587	0.3710	0.4457
cjs	0.9857	0.0048	0.9848	0.9826	0.0260
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.3333	0.4444	0.1905	-0.2000	0.5700
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5442	0.3039	0.5177	0.2794	0.7101
cnae-9	0.8241	0.0391	0.8472	0.8021	0.1643
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.9653	0.0035	0.9672	0.9634	0.0241
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.5800	0.0560	0.4793	0.5281	0.2006
colon-tumor	0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1	0.7586	0.2414	0.7208	0.3940	0.6569
colposcopies-2	0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne	0.7740	0.2260	0.7742	0.5482	0.7102
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.0030	0.2849	0.0008	0.0000	0.2937
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.3750	0.0391	0.3214	0.3548	0.1236
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.7593	0.2407	0.7539	0.4876	0.6885
darwin	0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.7143	0.2857	0.7407	0.3636	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8951	0.1049	0.7808	0.4921	0.3730
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.4036	0.1795	0.3510
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.4762	0.4000	0.4636
DIA	0.8000	0.2000	0.7183	0.2727	0.3632
diabetes	0.9423	0.0577	0.9400	0.8793	0.3074
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5980	0.2680	0.3937	0.1797	0.4524
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all	0.0298	0.3881	0.0116	0.0000	0.3909
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5000	0.5000	0.3333	-0.1613	0.9442
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.3228	0.4515	0.1627	0.0000	0.3888
drug-01	0.3989	0.1717	0.1501	0.0476	0.4562
drug-02	0.5213	0.1368	0.2140	0.1165	0.4798
drug-03	0.6809	0.1064	0.1547	0.0492	0.3398
drug-04	0.5319	0.1337	0.1810	0.1025	0.4702
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4468	0.1581	0.2763	0.2926	0.4793
drug-07	0.3617	0.2128	0.0885	0.0000	0.2699
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5266	0.1353	0.1459	0.0984	0.4455
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1777	0.2474	0.3722
drug-14	0.5798	0.1201	0.2374	0.2166	0.4556
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6117	0.1294	0.3231	0.3402	0.4034
drug-17	0.3511	0.1854	0.2003	0.0953	0.4726
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2797	0.0400	0.8296
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
eucalyptus	0.5205	0.1918	0.5027	0.3668	0.4721
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.6504	0.0411	0.4924	0.5851	0.1873
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6078	0.3922	0.5969	0.1827	0.9001
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.7000	0.0857	0.4457	0.6141	0.2078
forest	0.9038	0.0481	0.8906	0.8669	0.1249
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.6875	0.2083	0.5017	0.4521	0.4318
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.9211	0.0526	0.9114	0.8731	0.2316
german	0.7000	0.3000	0.6460	0.2167	0.6973
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8934	0.1066	0.8934	0.7865	0.4491
glass	0.8095	0.0635	0.7302	0.7264	0.1792
glass-g2	0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.4000	0.3000	0.3278	0.1615	0.5089
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
har	0.2844	0.2862	0.0886	0.0000	0.3861
har701%	0.1850	0.2329	0.0446	0.0000	0.2875
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.3750	0.4167	0.4463	-0.0191	0.5977
hcc-survival	0.7059	0.2941	0.6916	0.3511	0.7534
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higher	0.2143	0.1964	0.0469	0.0065	0.3503
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hitters	0.8125	0.1875	0.8128	0.6206	0.6242
hiv1-proteasa	0.8971	0.1029	0.7974	0.5535	0.4247
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5556	0.2963	0.4260	0.0710	0.3533
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.6949	0.3051	0.5145	0.0148	0.7591
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.9689	0.0069	0.9673	0.9647	0.0516
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.0020	0.1535	0.0003	0.0000	0.2182
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.9687	0.0313	0.9686	0.9372	0.1882
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.4118	0.0294	0.2447	0.3923	0.1078
led24	0.6000	0.0800	0.6016	0.5518	0.1953
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8611	0.0185	0.8694	0.8509	0.0658
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9368	0.0632	0.9324	0.8642	0.3153
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8491	0.0431	0.6268	0.7903	0.1170
lung	0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete	0.7500	0.1000	0.7000	0.6735	0.1436
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.8500	0.0600	0.5304	0.6154	0.1305
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lymphography	0.7857	0.1071	0.6342	0.6147	0.2542
lymphoma2	0.5556	0.1481	0.2857	0.2500	0.2598
machine-failure	0.9043	0.0957	0.9011	0.8021	0.4231
madelon	0.5654	0.4346	0.5664	0.1308	0.9494
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8327	0.6654	0.5984
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6337	0.2442	0.6389	0.4353	0.5341
math	0.6500	0.1750	0.3601	0.4130	0.3387
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.6609	0.3391	0.6542	0.3084	0.8710
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.7179	0.4545	0.3125
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9700	0.0060	0.9704	0.9667	0.0378
mfeat-fou	0.7950	0.0410	0.7980	0.7722	0.1756
mfeat-kar	0.9700	0.0060	0.9708	0.9667	0.0377
mfeat-mor	0.7250	0.0550	0.7293	0.6944	0.1776
mfeat-pix	0.9800	0.0040	0.9807	0.9778	0.0248
mfeat-zer	0.7950	0.0410	0.7958	0.7722	0.1514
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9245	0.0503	0.9183	0.8843	0.1799
mines	0.4706	0.2118	0.4337	0.3377	0.4405
mobile	0.8531	0.0052	0.8622	0.8505	0.0693
monks-1	0.7455	0.2545	0.7457	0.4901	0.7537
monks-2	0.7377	0.2623	0.7189	0.2907	0.4308
monks-3	0.9643	0.0357	0.9655	0.9287	0.1717
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9273	0.0727	0.8507	0.6588	0.2334
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.8034	0.1966	0.7965	0.5923	0.6623
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.7916	0.2084	0.7835	0.5631	0.6758
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.4677	0.5323	0.3187	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
NHANES_age_prediction	0.9736	0.0264	0.9492	0.8963	0.1707
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4722	0.3519	0.2572	-0.0729	0.5653
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.8333	0.0833	0.8584	0.7465	0.2230
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc	0.5644	0.0871	0.4296	0.4740	0.2384
oh10-wc	0.5619	0.0876	0.4268	0.4840	0.2832
oh15-wc	0.4022	0.1196	0.2990	0.2811	0.3096
oh5-wc	0.4396	0.1121	0.2598	0.3393	0.3199
olive	0.9298	0.0156	0.9215	0.9118	0.0396
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
optdigits	0.9609	0.0078	0.9634	0.9565	0.0532
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8144	0.1856	0.7869	0.5676	0.6439
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5722	0.4278	0.4503	-0.0164	0.6775
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8816	0.1184	0.8343	0.6400	0.4189
pediatric-leukemia	0.5294	0.1345	0.3648	0.4138	0.4125
pendigits	0.9864	0.0027	0.9867	0.9848	0.0221
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9633	0.0367	0.9615	0.9222	0.1956
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8463	0.1537	0.8097	0.6193	0.6167
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7042	0.3746	0.7278
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7859	0.2141	0.7606	0.5161	0.6985
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6338	0.2647	0.8906
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2727	0.0661	0.1190	0.1885	0.1821
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7313	0.2687	0.6789	0.2519	0.5952
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.5333	0.0718	0.2942	0.2713	0.2942
re1-wc	0.4217	0.0463	0.1170	0.2700	0.2979
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.4078	0.5922	0.2897	0.0000	0.5255
satimage	0.8911	0.0363	0.8753	0.8652	0.1640
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9362	0.0638	0.7994	0.5699	0.4108
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.7059	0.2941	0.7073	0.4118	0.8058
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9221	0.0223	0.9302	0.9089	0.0863
segmentation	0.8416	0.1584	0.8255	0.6504	0.5964
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8635	0.1365	0.5497	0.0225	0.4461
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8658	0.1342	0.5503	0.0232	0.4453
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-7-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sens-8-gram	0.8579	0.1421	0.5345	0.0339	0.6032
sens-9-gram	0.8737	0.1263	0.6323	0.1412	0.4751
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9496	0.0504	0.7516	0.4051	0.2858
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.9680	0.0320	0.9680	0.9360	0.1910
smart-farming	0.1200	0.4400	0.1140	-0.1777	0.8757
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7482	0.0839	0.5709	0.6750	0.1893
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9118	0.0093	0.8478	0.9024	0.0395
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.3957	0.6043	0.2835	0.0000	0.5229
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.5769	0.0313	0.4475	0.5496	0.1413
splice-EI	0.9590	0.0410	0.9449	0.8871	0.2069
splice-IE	0.8896	0.1104	0.8385	0.6546	0.4265
sport-articles	0.8700	0.1300	0.8599	0.7196	0.5268
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	0.9570	0.0430	0.9538	0.9034	0.1598
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8513	0.1487	0.7568	0.5033	0.6282
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.7897	0.2103	0.7598	0.5050	0.6708
steel-p	0.9179	0.0821	0.6255	0.1729	0.5109
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9641	0.0359	0.8957	0.7910	0.3671
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9097	0.0903	0.8354	0.6347	0.3427
stockb	0.9824	0.0117	0.9823	0.9736	0.0550
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6350	0.1460	0.3522	0.3997	0.4132
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4200	0.2320	0.1932	0.0770	0.4591
student-weekend	0.3538	0.2585	0.1227	0.0253	0.5590
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.4602	0.3750	0.3282
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9782	0.0040	0.9795	0.9759	0.0326
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.9368	0.0632	0.9307	0.8518	0.2027
tis10%	0.7761	0.2239	0.6751	0.1310	0.3816
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7059	0.1471	0.7348	0.6119	0.1908
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc	0.4634	0.1192	0.2788	0.2490	0.2762
trec12-wc	0.4194	0.1452	0.3703	0.2085	0.3102
trec21-wc	0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc	0.3810	0.2063	0.2002	0.0285	0.4598
trec31-wc	0.6667	0.1111	0.4664	0.5034	0.2351
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.4203	0.1159	0.3692	0.3018	0.3544
tuandromd	0.9798	0.0202	0.9692	0.9381	0.1950
turkish	0.8250	0.0875	0.8340	0.7667	0.2172
tvnews1%	0.9000	0.1000	0.8921	0.7786	0.4044
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7463	0.0564	0.7568	0.6999	0.1793
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7738	0.1131	0.7395	0.6951	0.2714
vehicleVAN	0.9643	0.0357	0.9519	0.9032	0.2250
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9535	0.0465	0.9555	0.9071	0.2027
vowel	0.6667	0.0606	0.7090	0.6333	0.1718
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.5449	0.0455	0.3246	0.4707	0.2291
warpar10p	0.6923	0.0615	0.6055	0.6533	0.0920
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8440	0.1040	0.8442	0.7660	0.3603
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8222	0.1185	0.6300	0.6742	0.4553
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.5000	0.3333	-0.2857	1.0000
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0254
wilt	0.0497	0.9503	0.0473	0.0000	0.1299
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6226	0.1258	0.2861	0.3831	0.4306
winequality-white	0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7496	0.7322	0.0603
yeast	0.5338	0.0932	0.3539	0.3959	0.3824
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 317: Detailed results for GRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1663	0.0794	0.1172	0.0764	0.5549
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9831	0.0169	0.6876	0.0984	0.0586
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8620	0.1380	0.7969	0.5849	0.5764
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.9108	0.0892	0.8760	0.7282	0.2989
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8512	0.1488	0.6248	0.0087	0.3050
airline	0.9579	0.0421	0.9572	0.9139	0.2258
alcohol	0.7619	0.0952	0.4911	0.3431	0.1817
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.9535	0.0465	0.9491	0.8964	0.2299
anneal	0.9663	0.0135	0.9674	0.9317	0.1118
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.9708	0.0146	0.9350	0.9439	0.0652
anuran-genus	0.9638	0.0090	0.9222	0.9399	0.0610
anuran-species	0.9681	0.0064	0.9264	0.9553	0.0401
anxiety	0.1333	0.1926	0.1291	0.0236	0.7807
apple-quality	0.8600	0.1400	0.8615	0.7200	0.5250
aps-failure	0.9901	0.0099	0.8400	0.6559	0.2491
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia	0.6222	0.0756	0.2693	0.2544	0.3038
auction	0.9902	0.0098	0.9777	0.9544	0.0418

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.7727	0.0413	0.4786	0.7264	0.0852
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6500	0.1400	0.5118	0.5139	0.2323
avila	0.9847	0.0026	0.9678	0.9800	0.0302
babies	0.4839	0.1475	0.1587	0.1823	0.4461
balance	0.9032	0.0645	0.6226	0.8176	0.1600
bank	0.9179	0.0821	0.7795	0.5552	0.5582
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8756	0.1244	0.8664	0.7140	0.4141
basehock	0.9548	0.0452	0.9559	0.9096	0.2220
bio	0.9962	0.0038	0.8808	0.7400	0.1238
bio10%	0.9952	0.0048	0.8502	0.6933	0.3223
biodeg	0.8381	0.1619	0.8260	0.6448	0.5726
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9872	0.0012	0.1321	0.2691	0.2181
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9865	0.0025	0.2028	0.1233	0.1471
body-perf	0.7254	0.1373	0.7302	0.6338	0.4047
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.4910	0.5090	0.4910	-0.0181	1.0000
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17	0.0909	0.9091	0.0833	0.0000	0.2192
bub12at310k-hg16-17	0.9160	0.0840	0.6654	0.1936	0.3864
bub8at310k-hg16-17	0.9164	0.0836	0.6680	0.2343	0.4471
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4610	0.3593	0.2859	-0.0471	0.5233
car	0.9483	0.0259	0.9362	0.8937	0.2064
car-insurance	0.8560	0.1440	0.8338	0.6675	0.5823
card	0.8261	0.1739	0.8271	0.6497	0.6048
cardiotocography	0.8451	0.0310	0.8274	0.8123	0.1527
cardiotocography-nsp	0.8967	0.0689	0.8151	0.7047	0.3672
cardiovascular	0.7369	0.2631	0.7376	0.4738	0.7659
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.7445	0.6818	0.4000
cas_N6512_cdk_ECFP2	0.7327	0.2673	0.7343	0.4663	0.7697
cas_N6512_rdkit_ATOMPAIR	0.7354	0.2646	0.7331	0.4658	0.7728
cas_N6512_RDkit_AtomPair_FP	0.7423	0.2577	0.7402	0.4799	0.7623
cas_N6512_rdkit_AVALON	0.7926	0.2074	0.7919	0.5836	0.6787
cas_N6512_RDkit_Avalon_FP	0.8037	0.1963	0.8035	0.6063	0.6570
cas_N6512_rdkit_descriptors	0.7754	0.2246	0.7759	0.5504	0.7057
cas_N6512_rdkit_FEATMORGAN	0.7435	0.2565	0.7415	0.4829	0.7613
cas_N6512_RDkit_Featmorgan_FP	0.7607	0.2393	0.7597	0.5193	0.7338
cas_N6512_RDkit_FP	0.7653	0.2347	0.7633	0.5253	0.7235
cas_N6512_rdkit_LAYERED	0.7662	0.2338	0.7650	0.5300	0.7251
cas_N6512_RDkit_Layered_FP	0.7546	0.2454	0.7525	0.5042	0.7424
cas_N6512_rdkit_MACCS	0.7773	0.2227	0.7755	0.5484	0.6997
cas_N6512_RDkit_MACCS_FP	0.7899	0.2101	0.7899	0.5790	0.6818
cas_N6512_rdkit_MORGAN	0.7908	0.2092	0.7893	0.5784	0.6825

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.7653	0.2347	0.7647	0.5291	0.7255
cas_N6512_rdkit_PATTERN	0.7769	0.2231	0.7760	0.5519	0.7067
cas_N6512_RDkit_pattern_FP	0.7684	0.2316	0.7673	0.5346	0.7213
cas_N6512_rdkit_RDKITFP	0.7711	0.2289	0.7693	0.5374	0.7142
cas_N6512_rdkit_TORSION	0.7477	0.2523	0.7488	0.4957	0.7486
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8485	0.1010	0.4205	0.1746	0.3075
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7562	0.5100	0.7131
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.0024	0.9976	0.0024	0.0000	0.0069
census10%	0.9492	0.0508	0.7118	0.2991	0.3058
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.9376	0.0312	0.9062	0.9068	0.1346
chrom19	0.9998	0.0002	0.9302	0.8509	0.0304
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9994	0.0006	0.8414	0.6664	0.2633
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8480	0.1520	0.7356	0.4401	0.6006
churn-bigml	0.9588	0.0412	0.9142	0.8130	0.1274
ci900367j_MACCS	0.6842	0.3158	0.6452	0.2567	0.7938
circles	0.9960	0.0001	0.9963	0.9960	0.0019
cirrhosis	0.7619	0.1587	0.5134	0.5024	0.3368
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7704	0.1148	0.6296	0.6264	0.3331
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5000	0.3333	0.3590	0.1429	0.5264
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5918	0.2721	0.5778	0.3589	0.6465
cnae-9	0.8704	0.0288	0.8848	0.8542	0.1206
codon_usage	0.8718	0.0233	0.6772	0.8425	0.1317
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.9400	0.0080	0.8266	0.9339	0.0221
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6552	0.3448	0.5519	0.0584	0.7592
colposcopies-2	0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3	0.6552	0.3448	0.6415	0.2120	0.7262
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7929	0.5085	0.4545
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
connect-4	0.9831	0.0112	0.6348	0.4167	0.0337
cottonmeloidogyne	0.7308	0.2692	0.7347	0.4624	0.7593
coupon	0.7421	0.2579	0.7345	0.4645	0.7573
covid19	0.5454	0.1299	0.2162	0.1910	0.3795
covtype	0.9463	0.0153	0.9118	0.9133	0.1355
covtype10%	0.8349	0.0472	0.7527	0.7283	0.2622
covtypeCD	0.9846	0.0154	0.9668	0.9328	0.1241
covtypeT	0.9823	0.0177	0.9293	0.8567	0.2263

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans	0.9995	0.0005	0.9233	0.8407	0.1267
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9161	0.0280	0.6952	0.8208	0.1841
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.5312	0.0293	0.4554	0.5161	0.0936
customer-churn	0.9834	0.0166	0.7456	0.4501	0.3780
cybersecurity	0.2000	0.2667	0.1986	0.0372	0.8527
cyclopentane	0.8519	0.1481	0.8516	0.6949	0.5229
cylinder-bands	0.6667	0.3333	0.6558	0.2692	0.7758
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0964	0.1807	0.0965	-0.0042	0.9305
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8277	0.1723	0.7165	0.3984	0.6331
defect	0.9599	0.0401	0.9228	0.8372	0.1899
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9027	0.0973	0.7252	0.4276	0.5729
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614
dexter	0.9333	0.0667	0.9372	0.8667	0.2500
df_final	0.5625	0.2917	0.4375	0.3000	0.5110
DIA	0.7833	0.2167	0.6918	0.1875	0.3769
diabetes	0.8654	0.1346	0.8592	0.7016	0.4529
diabetes-100k	0.9691	0.0309	0.8934	0.7621	0.0982
diabetes-risk	0.9192	0.0808	0.8735	0.7456	0.4433
diabetic1%	0.5784	0.2810	0.3862	0.1132	0.4048
diabetic10%	0.5393	0.3071	0.2839	0.0020	0.3585
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7862	0.0855	0.7862	0.6958	0.3074
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5757	0.4243	0.5708	0.1347	0.9306
dota210%	0.5612	0.4388	0.5552	0.1001	0.9257
drebin	0.9741	0.0259	0.9722	0.9439	0.1510
dropout	0.7494	0.1670	0.6635	0.5737	0.4711
drug-01	0.3989	0.1717	0.1190	0.0112	0.3587
drug-02	0.5160	0.1383	0.1345	0.0257	0.3426
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5372	0.1322	0.1777	0.0249	0.2886
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2865	0.2649	0.4155
drug-07	0.4202	0.1933	0.1411	-0.0012	0.3697
drug-08	0.5798	0.1201	0.2360	0.1106	0.2751
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1515	0.1342	0.3741
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1722	0.2257	0.3174
drug-14	0.6117	0.1109	0.2692	0.2689	0.4501
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5745	0.1418	0.2846	0.2571	0.4076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-17	0.4043	0.1702	0.1474	0.1569	0.4133
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9184	0.0233	0.9318	0.9013	0.1307
ecoli	0.8824	0.0392	0.7465	0.8359	0.1288
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2300	0.3850	0.2353	-0.0241	0.8494
eeg	0.5179	0.0603	0.5323	0.4624	0.5005
eeg-eye	0.8692	0.1308	0.8683	0.7329	0.4979
eeg10%	0.3909	0.0761	0.3335	0.3183	0.5036
email_phishing	0.9879	0.0121	0.6984	0.1567	0.0675
eucalyptus	0.6712	0.1315	0.6550	0.5675	0.3057
euthyroid	0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq10%	0.9461	0.0539	0.9462	0.8916	0.2720
fakenews	0.5200	0.4800	0.5196	0.0389	0.9868
farm-ads	0.8237	0.1763	0.8361	0.6382	0.4826
fbis-wc	0.7642	0.0277	0.6301	0.7273	0.1485
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6471	0.3529	0.6394	0.2703	0.8691
financial-risk	0.8800	0.0400	0.6793	0.8081	0.1813
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.7500	0.0714	0.4705	0.6753	0.1529
fonts	0.7197	0.0037	0.5506	0.7023	0.1758
fonts10%	0.5026	0.0065	0.1847	0.4606	0.2471
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.9892	0.0036	0.9888	0.9869	0.0253
gastrointestinal	0.8125	0.1250	0.6179	0.6643	0.1445
gender	0.6105	0.2596	0.4516	0.1240	0.4887
gene	0.9306	0.0463	0.9214	0.8893	0.1893
german	0.7300	0.2700	0.7013	0.2895	0.5541
gestures	0.9007	0.0497	0.9009	0.8676	0.2072
gina	0.9308	0.0692	0.9309	0.8616	0.3356
gisette	0.9514	0.0486	0.9516	0.9029	0.2570
glass	0.7143	0.0952	0.4204	0.5714	0.1951
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.6000	0.2667	0.5333	0.4444	0.1500
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.5231	0.2593	0.5215
gsalc	0.7778	0.0741	0.7407	0.7353	0.0884
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.9350	0.0108	0.8252	0.9231	0.0678
har	0.9806	0.0077	0.9795	0.9755	0.0459
har70	0.9325	0.0193	0.6912	0.8991	0.1025
har701%	0.9164	0.0239	0.5389	0.8761	0.1078
har7010%	0.9274	0.0208	0.5779	0.8916	0.0960
harth	0.0610	0.1565	0.0096	0.0000	0.3036

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth1%	0.8661	0.0223	0.5321	0.8163	0.1561
harth10%	0.8835	0.0194	0.6493	0.8406	0.1605
hayes-roth	0.5000	0.3333	0.5721	0.1950	0.5024
hcc-survival	0.4706	0.5294	0.3200	-0.2240	0.9964
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.9800	0.0200	0.9767	0.9533	0.1319
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%	0.8525	0.1475	0.8536	0.7051	0.5466
hepmass10%	0.8621	0.1379	0.8627	0.7242	0.5273
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6755	0.3245	0.6747	0.3494	0.8514
higgs1%	0.7105	0.2895	0.7092	0.4185	0.8080
higgs10%	0.7299	0.2701	0.7288	0.4577	0.7809
higher	0.2857	0.1786	0.1705	0.1083	0.3180
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8752	0.1248	0.7464	0.4099	0.4318
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6389	0.2407	0.4899	0.2733	0.3240
hotel-reservartions	0.8961	0.1039	0.8801	0.7576	0.4493
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.9999	0.0001	0.9999	0.9999	0.0007
ht-sensor10%	0.9982	0.0012	0.9982	0.9972	0.0092
htru2	0.9782	0.0218	0.9322	0.8627	0.2293
hypothyroid	0.9867	0.0066	0.7219	0.9241	0.1710
hypothyroidT	0.9920	0.0080	0.9716	0.9431	0.1266
ilpd	0.7288	0.2712	0.6560	0.0817	0.4230
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere	0.9429	0.0571	0.9346	0.8606	0.1858
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.8780	0.0094	0.8837	0.8732	0.0992
jm1	0.8228	0.1772	0.6515	0.1847	0.5293
jvowels	0.9267	0.0163	0.9238	0.9169	0.1126
kc1	0.8720	0.1280	0.7239	0.2727	0.2697
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9998	0.0000	0.6982	0.9997	0.0044
kddcup991%	0.9974	0.0004	0.7385	0.9955	0.0031
kepler	0.8849	0.0767	0.8451	0.8096	0.2122
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7586	0.0268	0.7592	0.7299	0.2694
krvskp	0.9875	0.0125	0.9876	0.9749	0.0814
la1s-wc	0.7365	0.0878	0.6436	0.6508	0.2360
la2s-wc	0.7384	0.0872	0.7200	0.6523	0.2314

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0256	0.6897	0.6909	0.0742
led24	0.7000	0.0667	0.7217	0.6591	0.1656
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9175	0.0063	0.9186	0.9142	0.0934
leukemia	0.7143	0.1905	0.5714	0.5625	0.1509
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8056	0.0259	0.8163	0.7910	0.0885
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0001
liver	0.8235	0.1765	0.7912	0.5546	0.5639
loan	0.9906	0.0094	0.9901	0.9800	0.0527
localization	0.7428	0.0468	0.5244	0.6701	0.3224
localization10%	0.6553	0.0627	0.3817	0.5528	0.3742
lrs	0.8679	0.0377	0.8190	0.8151	0.1043
lung	0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete	0.5000	0.2000	0.3200	0.3333	0.2448
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.8000	0.0800	0.3765	0.4444	0.1568
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.5556	0.1481	0.2857	0.2500	0.2598
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.7077	0.2923	0.7078	0.4154	0.8105
magic04	0.8727	0.1273	0.8581	0.7098	0.4914
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8795	0.1205	0.7251	0.2748	0.2588
maternal	0.7228	0.1848	0.7236	0.5782	0.5176
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8339	0.1108	0.3796	0.0671	0.3170
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2167	0.3133	0.2167	0.0189	0.8562
messidor	0.6696	0.3304	0.6673	0.3338	0.8560
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9450	0.0110	0.9461	0.9389	0.0666
mfeat-fou	0.7900	0.0420	0.7915	0.7667	0.1779
mfeat-kar	0.9250	0.0150	0.9274	0.9167	0.0870
mfeat-mor	0.7000	0.0600	0.7007	0.6667	0.2007
mfeat-pix	0.9600	0.0080	0.9615	0.9556	0.0471
mfeat-zer	0.7400	0.0520	0.7469	0.7111	0.1843
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6471	0.1412	0.6324	0.5575	0.3467
mobile	0.9231	0.0027	0.9283	0.9217	0.0349
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.7705	0.2295	0.7550	0.3960	0.4092
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5111	0.0889	0.5277	0.4082	0.5074

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
musk	0.9500	0.0500	0.9002	0.7795	0.1471
MUT_ci300400a_cdk_ECFP2	0.7794	0.2206	0.7718	0.5430	0.7069
MUT_ci300400a_cdk_ECFP4	0.8036	0.1964	0.7982	0.5963	0.6640
MUT_ci300400a_cdk_ECFP6	0.7701	0.2299	0.7619	0.5228	0.7220
MUT_ci300400a_cdk_ESTATE	0.7674	0.2326	0.7583	0.5141	0.7233
MUT_ci300400a_cdk_EXTENDED	0.8249	0.1751	0.8190	0.6374	0.6191
MUT_ci300400a_cdk_FCFP2	0.8048	0.1952	0.7974	0.5916	0.6521
MUT_ci300400a_cdk_FCFP4	0.7626	0.2374	0.7528	0.5004	0.7246
MUT_ci300400a_cdk_FCFP6	0.7794	0.2206	0.7707	0.5384	0.7006
MUT_ci300400a_cdk_MACCS	0.8094	0.1906	0.8025	0.6036	0.6485
MUT_ci300400a_cdk_PUBCHEM	0.8323	0.1677	0.8269	0.6537	0.6052
MUT_ci300400a_cdk_STANDARD	0.8108	0.1892	0.8037	0.6039	0.6392
MUT_ci300400a_rdkit_descriptors	0.8195	0.1805	0.8155	0.6310	0.6314
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9662	0.0338	0.9663	0.9325	0.1972
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.5000	0.1667	0.3793	0.4000	0.1784
ncRNA	0.9504	0.0052	0.7661	0.8640	0.2501
ncRNA1%	0.9043	0.0101	0.4355	0.7198	0.2575
ncRNA10%	0.9294	0.0074	0.6285	0.8008	0.2762
neo	0.9159	0.0841	0.6971	0.2908	0.4156
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.6975	0.0138	0.6793	0.6854	0.1645
newspop	0.6622	0.3378	0.6594	0.3147	0.8598
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9585	0.0415	0.9489	0.8977	0.2554
NPHA-doctor-visits	0.5278	0.3148	0.3416	0.0137	0.4489
nursery	0.9915	0.0042	0.9934	0.9876	0.0221
obesity	0.9431	0.0162	0.9412	0.9336	0.0763
obs	0.9630	0.0185	0.9733	0.9451	0.0792
occupancy	0.9917	0.0083	0.9886	0.9769	0.1003
Occupancy_Estimation	0.9882	0.0059	0.9591	0.9638	0.0226
oh0-wc	0.8020	0.0396	0.7941	0.7695	0.1529
oh10-wc	0.7333	0.0533	0.6841	0.6926	0.2212
oh15-wc	0.7717	0.0457	0.7792	0.7360	0.1654
oh5-wc	0.8132	0.0374	0.8352	0.7872	0.1518
ohscal-wc	0.6667	0.0667	0.6656	0.6227	0.3277
olive	0.9123	0.0195	0.9009	0.8897	0.0589
opn310k	0.9157	0.0843	0.6645	0.1713	0.3534
opn310k10%	0.9113	0.0887	0.5887	0.0174	0.2733
opnat310k-hg16-17	0.9160	0.0840	0.6719	0.1623	0.3107
optdigits	0.9502	0.0100	0.9520	0.9446	0.0688
optdigitsZ	0.9947	0.0053	0.9834	0.9662	0.0246
orl	0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8144	0.1856	0.7869	0.5676	0.6439
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9762	0.0095	0.8165	0.8600	0.2746
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.8815	0.1185	0.8739	0.7477	0.4958
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.9301	0.0699	0.9133	0.8266	0.3785
particle10%	0.9123	0.0877	0.8899	0.7792	0.4301

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7822	0.4667	0.3231
pediatric-leukemia	0.7353	0.0756	0.5881	0.6670	0.2044
pendigits	0.9763	0.0047	0.9766	0.9737	0.0370
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7988	0.2012	0.7811	0.5484	0.6429
personalities	0.9382	0.0077	0.9383	0.9340	0.1030
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL10%	0.9987	0.0013	0.9987	0.9974	0.0109
phone-acc0.1%	0.8828	0.0335	0.8760	0.8630	0.1245
phone-acc1%	0.9776	0.0064	0.9760	0.9738	0.0393
phone-acc10%	0.1413	0.2453	0.0354	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.9117	0.0252	0.9047	0.8967	0.1139
phone-gyr1%	0.9733	0.0076	0.9707	0.9688	0.0419
phone-gyr10%	0.9928	0.0020	0.9920	0.9916	0.0140
phoneme	0.8889	0.1111	0.8622	0.7242	0.5075
phy	0.7102	0.2898	0.7102	0.4203	0.8073
pima	0.7105	0.2895	0.6874	0.3489	0.7670
pirvision	0.9922	0.0052	0.9854	0.9750	0.0490
placement	0.7930	0.2070	0.7864	0.5725	0.6822
plant-growth	0.7895	0.2105	0.7978	0.5824	0.6422
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.0000	0.2222	0.0000	0.0000	0.2380
poker1%	0.5902	0.1171	0.1739	0.2061	0.2618
poker10%	0.6604	0.0849	0.1693	0.3537	0.2353
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9612	0.0388	0.7705	0.4110	0.1131
polish-5th	0.9475	0.0525	0.7523	0.4157	0.3097
polya	0.7578	0.2422	0.7252	0.4254	0.7051
popularity	0.6724	0.2184	0.4203	0.2068	0.4377
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9786	0.0086	0.9783	0.9733	0.0529
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6768	0.3529	0.8487
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.4242	0.0886	0.3005	0.3462	0.2710
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6866	0.3134	0.5921	0.1145	0.7209
promoters	0.8000	0.2000	0.8333	0.6154	0.4644
prostate	0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9897	0.0041	0.9819	0.9861	0.0315
puc-rio10%	0.9759	0.0097	0.9519	0.9676	0.0585
pufs-1281%	0.4947	0.5053	0.4947	-0.0107	1.0000
pufs-641%	0.4933	0.5067	0.4933	-0.0134	1.0000
pufs-6410%	0.4933	0.5067	0.4933	-0.0134	1.0000
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.3722	0.0306	0.0861	0.1937	0.2861
rcv110%	0.3365	0.0265	0.0632	0.1382	0.2805
re0-wc	0.7467	0.0390	0.4262	0.6416	0.1662

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
re1-wc	0.6867	0.0251	0.2848	0.6236	0.1736
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.4614	0.0224	0.0255	0.0312	0.2176
rice	0.9852	0.0148	0.9850	0.9700	0.1013
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6836	0.3164	0.6659	0.3286	0.8458
RT_IOT2022	0.9978	0.0004	0.9745	0.9945	0.0037
satimage	0.8880	0.0373	0.8720	0.8610	0.1559
satimageF	0.9891	0.0109	0.9716	0.9428	0.1232
satimageT	0.9347	0.0653	0.7921	0.5401	0.3749
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.4706	0.5294	0.4627	-0.0588	0.9565
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.9997	0.0003	0.9997	0.9993	0.0035
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9508	0.9342	0.0668
segmentation	0.8317	0.1683	0.8191	0.6376	0.6200
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9872	0.0023	0.9872	0.9859	0.0228
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9035	0.0965	0.8009	0.5959	0.5392
shuttle	0.9998	0.0000	0.8571	0.9995	0.0003
sick	0.9788	0.0212	0.9084	0.7987	0.0728
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9995	0.0005	0.9992	0.9984	0.0119
skin10%	0.9971	0.0029	0.9957	0.9913	0.0432
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1400	0.4300	0.1180	-0.1597	0.8201
smk_can_187	0.5789	0.4211	0.5778	0.1556	0.9466
smoking	0.7849	0.2151	0.7761	0.5494	0.6978
soil_pollution	0.2067	0.3173	0.2056	0.0065	0.8669
solar-flare	0.7770	0.0743	0.7231	0.7131	0.1790
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9559	0.0046	0.9202	0.9515	0.0186
spam-detection	0.9540	0.0460	0.8651	0.7299	0.4616
spambase	0.9326	0.0674	0.9294	0.8573	0.3170
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.5385	0.0342	0.3503	0.5073	0.1479
splice-EI	0.9685	0.0315	0.9579	0.9157	0.2138
splice-IE	0.9369	0.0631	0.9135	0.8269	0.3814
sport-articles	0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored	0.6000	0.2667	0.4375	0.3333	0.3340

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9090	0.0607	0.8850	0.8520	0.2189
steel-b	0.8615	0.1385	0.7703	0.5184	0.5681
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.8051	0.1949	0.7788	0.5361	0.6170
steel-p	0.9179	0.0821	0.6063	0.0946	0.4184
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stellar	0.9742	0.0172	0.9704	0.9542	0.1004
stock	0.9167	0.0833	0.8498	0.6905	0.4335
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.6150	0.1540	0.3370	0.3646	0.4258
student-depression	0.8340	0.1659	0.8278	0.6538	0.5957
student-habits	0.3200	0.2720	0.1454	-0.0852	0.4860
student-weekend	0.4154	0.2338	0.1897	0.1303	0.4204
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.3636	0.1415	0.5287
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7914	0.2086	0.7902	0.5751	0.6663
susy10%	0.7988	0.2012	0.7977	0.5902	0.6521
tae	0.5333	0.3111	0.5635	0.3000	0.5836
telco-churn	0.8793	0.1207	0.8394	0.6744	0.5204
texture	0.9582	0.0076	0.9609	0.9539	0.0560
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.9020	0.0980	0.8643	0.7030	0.3339
tis10%	0.7836	0.2164	0.6874	0.1721	0.3758
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1500	0.2894	0.4146	0.1775
tox_171	0.6471	0.1765	0.6702	0.5278	0.2821
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5481	0.0924	0.8701
trec11-wc	0.8293	0.0379	0.5118	0.7842	0.0814
trec12-wc	0.7742	0.0565	0.6579	0.7214	0.1182
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.8095	0.0635	0.4575	0.7083	0.1453
trec31-wc	0.9570	0.0143	0.9104	0.9423	0.0467
trec41-wc	0.8636	0.0273	0.5480	0.8304	0.1131
trec45-wc	0.8841	0.0232	0.8079	0.8631	0.0859
tuandromd	0.9798	0.0202	0.9696	0.9386	0.2027
turkish	0.7500	0.1250	0.7491	0.6667	0.3152
tvnews	0.9249	0.0751	0.9186	0.8366	0.3603
tvnews1%	0.9000	0.1000	0.8921	0.7786	0.4044
tvnews10%	0.8905	0.1095	0.8811	0.7604	0.4602
ur3_cobotops_grip	0.9728	0.0272	0.7237	0.3245	0.2459
ur3_cobotops_stop	0.9646	0.0354	0.6787	0.0690	0.1045
urban	0.8657	0.0299	0.8475	0.8424	0.1333
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vehicle	0.7500	0.1250	0.7018	0.6614	0.2605
vehicleVAN	0.9643	0.0357	0.9533	0.9062	0.2616
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.7172	0.0514	0.7259	0.6889	0.1941
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9111	0.0889	0.6659	0.0394	0.2062
wap-wc	0.7115	0.0288	0.4836	0.6701	0.1605
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.9780	0.0063	0.9777	0.9742	0.0440
watch-acc10%	0.9978	0.0006	0.9977	0.9974	0.0062
watch-gyr	0.9998	0.0001	0.9998	0.9998	0.0008
watch-gyr1%	0.9741	0.0074	0.9737	0.9698	0.0503
watch-gyr10%	0.9986	0.0004	0.9985	0.9983	0.0044
water_pollution	0.2567	0.3717	0.2552	0.0080	0.8594
waveform	0.8300	0.1133	0.8302	0.7450	0.3861
weather-related	0.9635	0.0066	0.9649	0.9586	0.0469
web-phishing	0.8519	0.0988	0.8094	0.7357	0.4026
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9997	0.0001	0.9997	0.9997	0.0009
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9800	0.0100	0.9802	0.9733	0.0420
wilt	0.9855	0.0145	0.9182	0.8297	0.1734
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5912	0.1363	0.2784	0.3141	0.3402
winequality-white	0.5869	0.1377	0.2986	0.3353	0.3872
winnipeg10%	0.9883	0.0033	0.9905	0.9852	0.0234
wisc_bc	0.9474	0.0526	0.9432	0.8858	0.2729
yale	0.6250	0.0500	0.5926	0.6000	0.0880
yeast	0.5811	0.0931	0.5055	0.4555	0.3352
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9290	0.0142	0.9217	0.9204	0.1085

Table 318: Detailed results for GuideR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1542	0.0806	0.1111	0.0633	0.4887
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9178	0.0822	0.6846	0.3578	0.6183
accelerometer	0.9028	0.0972	0.6656	0.1879	0.3335
accident	0.6500	0.3500	0.6508	0.3000	0.8761
ads	0.9634	0.0366	0.9208	0.8364	0.2304
adult	0.7336	0.2664	0.7537	0.4457	0.6231
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_KlekotaRothFingerprinter	0.7937	0.2063	0.4797	-0.0387	0.6616
AID_1431_MACCSFingerprinter	0.8095	0.1905	0.4864	-0.0265	0.6799
AID_1878	0.8381	0.1619	0.6797	0.3302	0.6671
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8687	0.0875	0.4275	0.1875	0.5718
AID1284Morered	0.8333	0.1667	0.6516	0.3032	0.7325
AID1284red	0.6667	0.3333	0.4000	-0.1934	0.7524
AID1608Morered	0.8447	0.1553	0.5161	0.0306	0.6297
AID1608red	0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red	0.9836	0.0164	0.6183	0.2149	0.5259
AID373AID439red	0.9609	0.0391	0.4900	-0.0003	0.0073
AID373red	0.9962	0.0038	0.4990	-0.0015	0.3278
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9920	0.0080	0.4980	-0.0038	0.4379
AID604	0.9805	0.0195	0.6540	0.1784	0.3083
AID604AID644_AllRed	0.9965	0.0035	0.5542	0.0856	0.3689
AID644Morered	0.5000	0.5000	0.4553	-0.0870	0.9393
AID644red	0.6000	0.4000	0.5669	0.1304	0.8900
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9958	0.0042	0.6112	0.2201	0.5401
AID688red	0.9798	0.0202	0.4949	-0.0101	0.5130
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.3333	0.6667	0.2500	-0.4211	0.8208
AID746AID1284red	0.9532	0.0468	0.5292	0.0051	0.0402
AID746red	0.9286	0.0714	0.5534	0.0340	0.1604
aids	0.8404	0.1596	0.8289	0.6301	0.5721
air_pollution	0.3433	0.1876	0.1471	-0.0090	0.7595
alcohol	0.7714	0.0914	0.6769	0.5195	0.3627
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.8233	0.1767	0.8283	0.6391	0.5841
anneal	0.9551	0.0180	0.9537	0.9076	0.1272
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9388	0.0306	0.6798	0.8813	0.1239
anuran-genus	0.9583	0.0104	0.8983	0.9312	0.1666
anuran-species	0.9597	0.0081	0.9180	0.9434	0.0438
anxiety	0.0917	0.2019	0.0902	-0.0232	0.8469
apple-quality	0.6875	0.3125	0.6912	0.3750	0.8178
aps-failure	0.0180	0.9820	0.0177	0.0000	0.0502
arcene	0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia	0.8222	0.0356	0.7418	0.7174	0.2307
auction	0.9314	0.0686	0.8409	0.6810	0.4896
audiology	0.9091	0.0165	0.8023	0.8916	0.0395
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8000	0.0800	0.7944	0.7324	0.1777
avila	0.7144	0.0476	0.7720	0.6156	0.3157
babies	0.4516	0.1567	0.2464	0.2229	0.6052
balance	0.8871	0.0753	0.6126	0.7883	0.1878
bank	0.8694	0.1306	0.7837	0.5259	0.5959
banknote	0.9051	0.0949	0.9109	0.8113	0.3637
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8433	0.1567	0.8274	0.6521	0.5818
bio	0.9955	0.0045	0.8697	0.7388	0.3653
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8190	0.1810	0.8115	0.6218	0.6377
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%	0.9211	0.0225	0.3186	0.1092	0.6003
bitcoin10%	0.5068	0.0897	0.3044	0.0350	0.3808
body-perf	0.5612	0.2194	0.5596	0.4149	0.4512
brain-tumor	0.5120	0.4880	0.5119	0.0238	0.9927
breast-cancer	0.8571	0.1429	0.8169	0.6216	0.5439
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.3636	0.6364	0.2667	-0.3509	1.0000
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.8000	0.0667	0.6061	0.6970	0.0886
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.3700	0.4200	0.3742	0.0492	0.7761
car	0.8276	0.0862	0.6958	0.6624	0.3555
car-insurance	0.7830	0.2170	0.7852	0.5477	0.6534
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.8357	0.0329	0.8106	0.8008	0.1547
cardiotocography-nsp	0.9014	0.0657	0.8504	0.7310	0.2848
cardiovascular	0.7100	0.2900	0.7240	0.4197	0.7317
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8000	0.1333	0.7500	0.6452	0.3897
cas_N6512_cdk_ECFP2	0.7389	0.2611	0.7388	0.4768	0.7655
cas_N6512_rdkit_ATOMPAIR	0.6692	0.3308	0.6737	0.3428	0.8442
cas_N6512_RDkit_AtomPair_FP	0.6779	0.3221	0.6851	0.3623	0.8245
cas_N6512_rdkit_AVALON	0.7235	0.2765	0.7322	0.4531	0.7566
cas_N6512_RDkit_Avalon_FP	0.7163	0.2837	0.7329	0.4427	0.7329
cas_N6512_rdkit_descriptors	0.7062	0.2938	0.7208	0.4222	0.7570
cas_N6512_rdkit_FEATMORGAN	0.7389	0.2611	0.7419	0.4798	0.7555
cas_N6512_RDkit_Featmorgan_FP	0.7592	0.2408	0.7658	0.5224	0.7082
cas_N6512_RDkit_FP	0.6702	0.3298	0.6741	0.3442	0.8450
cas_N6512_rdkit_LAYERED	0.6985	0.3015	0.7010	0.3991	0.8139
cas_N6512_RDkit_Layered_FP	0.6794	0.3206	0.6917	0.3687	0.8035
cas_N6512_rdkit_MACCS	0.6866	0.3134	0.6975	0.3820	0.7999
cas_N6512_RDkit_MACCS_FP	0.7193	0.2807	0.7305	0.4462	0.7523
cas_N6512_rdkit_MORGAN	0.7523	0.2477	0.7544	0.5058	0.7382
cas_N6512_RDkit_morgan_FP	0.7362	0.2638	0.7392	0.4745	0.7596
cas_N6512_rdkit_PATTERN	0.7062	0.2938	0.7089	0.4145	0.8031
cas_N6512_RDkit_pattern_FP	0.6871	0.3129	0.6883	0.3750	0.8323
cas_N6512_rdkit_RDKITFP	0.6621	0.3379	0.6680	0.3299	0.8479
cas_N6512_rdkit_TORSION	0.7231	0.2769	0.7296	0.4510	0.7658
cdc_diabetes	0.7138	0.1908	0.4493	0.2926	0.4268
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7513	0.2487	0.7451	0.4828	0.7379
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9394	0.0606	0.7075	0.4050	0.6019
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.7651	0.2349	0.6028	0.1216	0.4025

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS49_AID687_Rdkit-ecfp4-fp	0.9785	0.0215	0.5287	0.0232	0.1770
census10%	0.8379	0.1621	0.7192	0.3292	0.4907
central-nervous-system	0.6667	0.3333	0.7500	0.4000	0.5283
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.6534	0.2612	0.5311
cervical-H	0.9535	0.0465	0.8481	0.6446	0.5283
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8592	0.0704	0.7871	0.7897	0.1875
chrom19	0.9986	0.0014	0.8041	0.5501	0.5270
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9988	0.0012	0.7784	0.5449	0.5279
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.8976	0.1024	0.5337	0.0587	0.6872
churn	0.5560	0.4440	0.6506	0.2094	0.5957
churn-bigml	0.9139	0.0861	0.8088	0.5993	0.4652
ci900367j_MACCS	0.7158	0.2842	0.7265	0.4359	0.7516
circles	0.9390	0.0012	0.9322	0.9384	0.0163
cirrhosis	0.7143	0.1905	0.5031	0.4717	0.5289
cjs	0.9964	0.0012	0.9962	0.9956	0.0059
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.6139	0.1931	0.4475	0.3856	0.6072
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.7500	0.1667	0.7708	0.6087	0.4277
cm1	0.8800	0.1200	0.6001	0.1892	0.6967
cmc	0.5374	0.3084	0.5350	0.2911	0.6566
cnae-9	0.9259	0.0165	0.9291	0.9167	0.0776
codon_usage	0.7874	0.0387	0.6635	0.7393	0.2781
coil20	0.9375	0.0063	0.9496	0.9342	0.0378
college	0.9351	0.0649	0.9236	0.8433	0.3725
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.6740	0.3256	0.7761
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.7586	0.2414	0.6667	0.3165	0.7298
colposcopies-6	0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8387	0.1075	0.7853	0.7359	0.2503
connect-4	0.9554	0.0297	0.6125	0.4390	0.5153
cottonmeloidogyne	0.7356	0.2644	0.7374	0.4717	0.7630
coupon	0.6617	0.3383	0.6736	0.3351	0.8282
covid19	0.4528	0.1563	0.1978	0.1585	0.5186
covtype10%	0.6850	0.0900	0.5527	0.4973	0.4306
covtypeCD	0.8683	0.1317	0.8176	0.5886	0.5635
covtypeT	0.9086	0.0914	0.7917	0.5306	0.5651
crabs	0.7000	0.1500	0.6364	0.6000	0.1630
creditcard_trans	0.9992	0.0008	0.8876	0.7751	0.3565
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8931	0.0356	0.7472	0.7813	0.3205
cryotherapy	0.6667	0.3333	0.6750	0.3415	0.8344
cultivars	0.3125	0.0430	0.3125	0.2903	0.2109
customer-churn	0.9206	0.0794	0.7146	0.2879	0.4041
cybersecurity	0.1333	0.2889	0.1301	-0.0433	0.8854
cyclopentane	0.4815	0.5185	0.4750	-0.0500	1.0000
cylinder-bands	0.8148	0.1852	0.8130	0.6081	0.5793
darwin	0.9444	0.0556	0.9472	0.8889	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7650	0.2350	0.6977	0.3879	0.7511
defect	0.6111	0.3889	0.6726	0.2413	0.5494
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.5541	0.4459	0.6499	0.1696	0.4374
depressed	0.7622	0.2378	0.5744	0.1488	0.8023
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
df_final	0.4375	0.3750	0.4242	0.1000	0.3937
DIA	0.8000	0.2000	0.7037	0.3846	0.6952
diabetes	0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-risk	0.8301	0.1699	0.7707	0.5333	0.6679
diabetic1%	0.5686	0.2876	0.5128	0.2563	0.6916
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7178	0.1129	0.7093	0.5973	0.3472
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dota2	0.5583	0.4417	0.5693	0.1303	0.9262
dota210%	0.5621	0.4379	0.5639	0.1269	0.9545
dropout	0.7336	0.1776	0.5975	0.5366	0.4317
drug-01	0.3723	0.1793	0.1700	0.0582	0.7447
drug-02	0.4787	0.1489	0.2027	0.2030	0.5693
drug-03	0.6277	0.1241	0.2623	0.1602	0.4579
drug-04	0.5372	0.1322	0.2700	0.1605	0.5344
drug-05	0.6915	0.0881	0.1598	0.1107	0.5833
drug-06	0.4309	0.1626	0.2202	0.2639	0.4175
drug-07	0.4521	0.1826	0.2208	0.1615	0.4584
drug-08	0.5479	0.1292	0.1837	0.1293	0.4623
drug-09	0.8351	0.0550	0.1858	0.0193	0.3652
drug-10	0.5266	0.1353	0.2196	0.1468	0.4691
drug-11	0.7979	0.0578	0.1706	0.1221	0.5009
drug-12	0.7606	0.0798	0.2055	0.0994	0.5374
drug-13	0.6223	0.1079	0.1743	0.2232	0.3327
drug-14	0.5745	0.1216	0.2361	0.2116	0.4454
drug-15	0.7287	0.0775	0.2180	0.1209	0.3156
drug-16	0.5851	0.1383	0.2846	0.2916	0.4086
drug-17	0.3670	0.1809	0.2166	0.1482	0.6252
drug-18	0.9840	0.0160	0.4960	-0.0071	0.4129
drug-19	0.7234	0.0790	0.2048	0.1495	0.4787
drybean	0.9045	0.0273	0.9162	0.8843	0.1425
ecoli	0.8824	0.0392	0.8585	0.8319	0.1010
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.2408	-0.0028	0.7871
eeg-eye	0.7063	0.2937	0.7045	0.3873	0.7653
eeg10%	0.3452	0.0819	0.3430	0.2768	0.6301
email_phishing	0.3064	0.6936	0.5632	0.0098	0.0553
eucalyptus	0.6712	0.1315	0.6645	0.5772	0.4110
euthyroid	0.8829	0.1171	0.7893	0.5330	0.5830
exon.vs.intron-freq10%	0.9001	0.0999	0.9001	0.7999	0.4314

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
fakenews	0.5050	0.4950	0.5067	0.0129	0.9802
fbis-wc	0.8211	0.0210	0.7551	0.7974	0.1752
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.4118	0.5882	0.4141	-0.1697	1.0000
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.6000	0.1143	0.3887	0.4953	0.2986
forest	0.8462	0.0769	0.8507	0.7860	0.1408
gas	0.9008	0.0331	0.8973	0.8798	0.1750
gastrointestinal	0.8125	0.1250	0.8474	0.7160	0.2936
gender	0.5895	0.2737	0.4667	0.1831	0.7107
gene	0.8927	0.0715	0.8851	0.8296	0.2639
german	0.7100	0.2900	0.6835	0.3668	0.8216
gestures	0.8493	0.0753	0.8558	0.7991	0.2703
gina	0.8617	0.1383	0.8642	0.7225	0.5074
glass	0.8571	0.0476	0.7789	0.7968	0.1068
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.7250	0.4500	0.6330
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.7619	0.2381	0.4324	-0.0825	0.3983
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8602	0.6875	0.1858
glioma-grade	0.8452	0.1548	0.8403	0.6803	0.5766
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.6000	0.2000	0.6646	0.4737	0.4081
gsalc	0.7778	0.0741	0.7212	0.7273	0.0975
haberman	0.7000	0.3000	0.6011	0.2012	0.8607
hapt	0.9323	0.0113	0.8594	0.9201	0.1105
har	0.8496	0.0601	0.8474	0.8094	0.2664
har701%	0.7491	0.0717	0.5011	0.6580	0.1947
har7010%	0.7466	0.0724	0.5341	0.6587	0.3544
harth1%	0.7969	0.0338	0.5111	0.7264	0.3144
hayes-roth	0.5625	0.2917	0.6200	0.2911	0.4882
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7600	0.1200	0.3968	0.1345	0.4369
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8960	0.1040	0.8789	0.7578	0.4751
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6509	0.3491	0.6480	0.2934	0.8752
higher	0.4286	0.1429	0.4667	0.3373	0.2938
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.8870	0.1130	0.8074	0.6139	0.5962
hiva	0.9456	0.0544	0.5276	0.0531	0.6308
horse	0.7222	0.1852	0.7181	0.5034	0.4654
hotel-reservartions	0.7213	0.2787	0.7310	0.4373	0.7274
hr	0.6316	0.3684	0.5607	0.0947	0.6474
ht-sensor10%	0.6762	0.2159	0.6824	0.5148	0.5330
htru2	0.9765	0.0235	0.9278	0.8551	0.2726

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hypothyroid	0.9920	0.0040	0.7241	0.9526	0.0810
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.7288	0.2712	0.6472	0.2892	0.8209
immuno-therapy	0.6667	0.3333	0.5950	0.1818	0.8134
instagram	0.9707	0.0147	0.9713	0.9609	0.0590
ionosphere	0.9714	0.0286	0.9671	0.9320	0.1146
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8639	0.0105	0.8759	0.8585	0.1132
jm1	0.7365	0.2635	0.6590	0.3032	0.7520
jvowels	0.8554	0.0321	0.8467	0.8358	0.1915
kc1	0.8341	0.1659	0.6496	0.2928	0.7306
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6154	0.1538	0.2974	0.2262	0.4304
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.7312	0.4595	0.7161
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup991%	0.9976	0.0004	0.8088	0.9959	0.0022
kddcup9910%	0.9983	0.0002	0.7740	0.9972	0.0607
kepler	0.8713	0.0858	0.8311	0.7898	0.2594
kidney	0.5088	0.1965	0.2103	0.0264	0.6123
kidney-disease	0.9750	0.0250	0.9737	0.9459	0.1112
krkopt	0.3772	0.0692	0.3816	0.3014	0.5063
krvskp	0.9404	0.0596	0.9403	0.8806	0.3025
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.6471	0.0307	0.6070	0.6308	0.0844
led24	0.6500	0.0778	0.6667	0.6045	0.1889
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7800	0.0169	0.7848	0.7711	0.2244
leukemia	0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8056	0.0259	0.8028	0.7909	0.0731
linkage	0.9999	0.0001	0.9963	0.9926	0.0293
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.9999	0.0001	0.9917	0.9834	0.0760
liver	0.7059	0.2941	0.6994	0.3863	0.7816
loan	0.9696	0.0304	0.9687	0.9361	0.1901
localization10%	0.4411	0.1016	0.2795	0.3226	0.6308
lrs	0.8491	0.0431	0.7954	0.7884	0.1181
lung	0.9048	0.0381	0.8857	0.8190	0.1706
lung_discrete	0.8750	0.0500	0.7467	0.8400	0.0440
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7857	0.1429	0.8456	0.6147	0.3285
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9149	0.0851	0.9152	0.8273	0.3841
madelon	0.6423	0.3577	0.6450	0.2846	0.8739
magic04	0.7659	0.2341	0.7521	0.5017	0.7327
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8616	0.1384	0.7004	0.3962	0.6801
maternal	0.6535	0.2310	0.6594	0.4758	0.5702
math	0.8000	0.1000	0.7661	0.6975	0.2802
mba	0.7952	0.1366	0.4684	0.3754	0.3674

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mental-disorders	1.0000	0.0000	1.0000	1.0000	0.0000
mental-health	0.1833	0.3267	0.1883	-0.0190	0.8698
messidor	0.6609	0.3391	0.6693	0.3301	0.8399
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.8275	0.7672	0.1960
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9200	0.0160	0.9211	0.9111	0.0951
mfeat-fou	0.7550	0.0490	0.7505	0.7278	0.2140
mfeat-kar	0.8900	0.0220	0.8937	0.8778	0.1220
mfeat-mor	0.6600	0.0680	0.6266	0.6222	0.2060
mfeat-pix	0.9300	0.0140	0.9386	0.9222	0.0751
mfeat-zer	0.7350	0.0530	0.7436	0.7056	0.2144
mice-prot	0.9907	0.0023	0.9910	0.9894	0.0110
milk	0.8962	0.0692	0.9008	0.8437	0.1324
mines	0.5588	0.1765	0.5182	0.4450	0.4105
mobile	0.7832	0.0077	0.8161	0.7792	0.0958
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.7377	0.2623	0.7189	0.2907	0.4308
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9951	0.0049	0.9951	0.9901	0.0365
music	0.4128	0.1068	0.5006	0.3396	0.5453
musk	0.9455	0.0545	0.8898	0.7606	0.2251
MUT_ci300400a_cdk_ECFP2	0.7566	0.2434	0.7650	0.5174	0.7048
MUT_ci300400a_cdk_ECFP4	0.7617	0.2383	0.7616	0.5194	0.7244
MUT_ci300400a_cdk_ECFP6	0.7126	0.2874	0.7175	0.4273	0.7825
MUT_ci300400a_cdk_ESTATE	0.6882	0.3118	0.6919	0.3777	0.8170
MUT_ci300400a_cdk_EXTENDED	0.7254	0.2746	0.7388	0.4603	0.7365
MUT_ci300400a_cdk_FCFP2	0.7569	0.2431	0.7557	0.5086	0.7348
MUT_ci300400a_cdk_FCFP4	0.7722	0.2278	0.7696	0.5376	0.7140
MUT_ci300400a_cdk_FCFP6	0.7590	0.2410	0.7643	0.5195	0.7119
MUT_ci300400a_cdk_MACCS	0.7014	0.2986	0.6939	0.3878	0.8230
MUT_ci300400a_cdk_PUBCHEM	0.7629	0.2371	0.7659	0.5251	0.7131
MUT_ci300400a_cdk_STANDARD	0.7066	0.2934	0.7094	0.4131	0.7958
MUT_ci300400a_rdkit_descriptors	0.7193	0.2807	0.7260	0.4429	0.7690
myocardial	0.8706	0.0324	0.2779	0.3704	0.1890
naticusdroid	0.9441	0.0559	0.9444	0.8882	0.2833
NCI60	0.5000	0.1667	0.4545	0.4000	0.1534
nci9	0.5000	0.1667	0.4545	0.4000	0.1541
ncRNA1%	0.8702	0.0137	0.4121	0.6664	0.6393
ncRNA10%	0.8745	0.0132	0.4239	0.6838	0.7109
neo	0.7970	0.2030	0.7203	0.3564	0.5562
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6271	0.3729	0.6272	0.2540	0.9015
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9074	0.0926	0.8869	0.7737	0.4552
NPHA-doctor-visits	0.4167	0.3889	0.3521	-0.0385	0.7358
nursery	0.8603	0.0698	0.6563	0.7928	0.1732
obesity	0.7962	0.0582	0.7985	0.7617	0.2147
obs	0.8611	0.0694	0.8981	0.7913	0.1827
occupancy	0.9839	0.0161	0.9775	0.9550	0.1471
Occupancy_Estimation	0.9882	0.0059	0.9616	0.9639	0.0369
oh0-wc	0.8713	0.0257	0.8610	0.8521	0.1144
oh10-wc	0.6762	0.0648	0.6205	0.6290	0.3046
oh15-wc	0.8043	0.0391	0.7994	0.7774	0.1919
oh5-wc	0.7582	0.0484	0.7681	0.7280	0.2323

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
olive	0.8947	0.0234	0.8808	0.8686	0.1011
opn310k10%	0.9180	0.0820	0.6870	0.3386	0.5603
optdigits	0.9199	0.0160	0.9240	0.9110	0.1103
optdigitsZ	0.9947	0.0053	0.9834	0.9668	0.0845
orl	0.6000	0.0200	0.5616	0.5897	0.0895
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ozone1hr	0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr	0.9051	0.0949	0.6234	0.2440	0.6698
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7990	0.2010	0.7870	0.5696	0.6758
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8413	0.1587	0.8447	0.6838	0.5614
page-blocks	0.9689	0.0124	0.8405	0.8022	0.0736
parkinson	0.9667	0.0333	0.9670	0.9319	0.1832
parkinsons	0.7725	0.2275	0.7521	0.4947	0.7061
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle10%	0.8508	0.1492	0.8199	0.6389	0.6074
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6644	0.2997	0.5774
pcmac	0.4691	0.5309	0.4589	-0.0821	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8939	0.7647	0.2161
pediatric-leukemia	0.8235	0.0504	0.8329	0.7859	0.1561
pendigits	0.9318	0.0136	0.9346	0.9242	0.0883
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.6582	0.3077	0.8309
persistency	0.8017	0.1983	0.7841	0.5599	0.6524
pet-adoption	0.8750	0.1250	0.8671	0.7288	0.5179
phishing	0.9306	0.0694	0.9277	0.8514	0.3003
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.5819	0.1194	0.5780	0.5114	0.3973
phone-gyr0.1%	0.7057	0.0841	0.6879	0.6549	0.3110
phoneme	0.8019	0.1981	0.7762	0.5453	0.6815
pima	0.7763	0.2237	0.7750	0.5451	0.6998
pirvision	0.9935	0.0044	0.9886	0.9793	0.0453
placement	0.7770	0.2230	0.7720	0.5439	0.7108
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.6111	0.3889	0.5439	0.0870	0.8978
poker	0.0000	0.2222	0.0000	0.0000	0.2380
poker1%	0.3307	0.1912	0.1545	0.0384	0.8426
poker10%	0.3031	0.1742	0.1875	0.0392	0.7620
polish-1st	0.9630	0.0370	0.7407	0.4808	0.5564
polish-2nd	0.9390	0.0610	0.6574	0.3092	0.6066
polish-3rd	0.8505	0.1495	0.6137	0.1747	0.4977
polish-4th	0.9439	0.0561	0.7332	0.4658	0.5962
polish-5th	0.9340	0.0660	0.7299	0.4584	0.5936
polya	0.7503	0.2497	0.7349	0.4683	0.7590
popularity	0.0552	0.6298	0.0349	0.0000	0.3650
post-operative	0.4444	0.5556	0.3077	-0.3636	1.0000
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6539	0.2941	0.8472
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.4848	0.0793	0.4076	0.4199	0.2275
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7015	0.2985	0.6872	0.3673	0.8040
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8836	0.0466	0.8305	0.8441	0.2222
puc-rio10%	0.9077	0.0369	0.8394	0.8750	0.1578
pufs-1281%	0.4848	0.5152	0.4848	-0.0303	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-12810%	0.5014	0.4986	0.5014	0.0027	0.9991
pufs-641%	0.5083	0.4917	0.5083	0.0167	0.9952
pufs-6410%	0.4992	0.5008	0.4991	-0.0017	0.9998
pulsar	0.9769	0.0231	0.9320	0.8638	0.3066
raisin	0.8889	0.1111	0.8924	0.7778	0.4271
re0-wc	0.8067	0.0297	0.8280	0.7516	0.2720
re1-wc	0.8434	0.0125	0.6999	0.8205	0.1186
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9824	0.0176	0.9823	0.9644	0.1139
rocket	0.6154	0.3846	0.6377	0.2568	0.8464
RT_IOT2022	0.9927	0.0012	0.9617	0.9816	0.0120
satimage	0.8569	0.0477	0.8372	0.8230	0.2212
satimageF	0.9891	0.0109	0.9718	0.9435	0.1479
satimageT	0.8880	0.1120	0.7623	0.5054	0.6228
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6765	0.3235	0.6768	0.3529	0.8487
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9295	0.0705	0.5865	0.1280	0.5676
secondary_mushroom	0.4452	0.5548	0.3081	0.0000	0.5302
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9522	0.9393	0.0776
segmentation	0.7772	0.2228	0.7866	0.5519	0.6546
segmentO	0.9913	0.0087	0.9828	0.9655	0.1114
seismic	0.8566	0.1434	0.6808	0.3080	0.5699
semeion	0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram	0.8263	0.1737	0.5624	0.1206	0.7656
sens-10-gram	0.8583	0.1417	0.6100	0.1865	0.6766
sens-2-gram	0.8526	0.1474	0.6433	0.2821	0.7178
sens-3-gram	0.8553	0.1447	0.6468	0.2881	0.7126
sens-4-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram	0.8368	0.1632	0.5972	0.1898	0.7478
sens-6-gram	0.8553	0.1447	0.5940	0.1600	0.6945
sens-7-gram	0.8605	0.1395	0.6544	0.3007	0.7003
sens-8-gram	0.8605	0.1395	0.6308	0.2417	0.6916
sens-9-gram	0.8474	0.1526	0.6035	0.1956	0.7291
sensorless	0.8781	0.0222	0.8850	0.8659	0.1070
sepsis	0.6779	0.3221	0.5863	0.1176	0.5228
shoppers	0.8719	0.1281	0.7812	0.5562	0.6342
shuttle	0.9995	0.0001	0.9956	0.9985	0.0010
sick	0.9602	0.0398	0.8549	0.7060	0.4982
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7916	0.2084	0.8001	0.5334	0.5509
skin10%	0.9408	0.0592	0.9087	0.8171	0.3662
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1800	0.4100	0.1704	-0.0974	0.8588
smoking	0.7041	0.2959	0.6638	0.3085	0.8022
soil_pollution	0.1767	0.3293	0.1790	-0.0297	0.8801
solar-flare	0.6978	0.1007	0.6023	0.6196	0.1693
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.9412	0.0062	0.9553	0.9356	0.0335
spam-detection	0.6945	0.3055	0.6854	0.2425	0.4610
spambase	0.9109	0.0891	0.9090	0.8162	0.4069
spect	0.7778	0.2222	0.8000	0.5263	0.5283
spectf	0.8857	0.1143	0.8600	0.7200	0.5179
spectrometer	0.5000	0.0370	0.3980	0.4688	0.1822
splice-EI	0.9180	0.0820	0.9100	0.8038	0.3968
splice-IE	0.9054	0.0946	0.8795	0.7539	0.4888

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sport-articles	0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7434	0.1710	0.7160	0.6005	0.3537
steel-b	0.8051	0.1949	0.7666	0.5097	0.6617
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9692	0.0308	0.9520	0.9020	0.1773
steel-o	0.7231	0.2769	0.6911	0.2648	0.5619
steel-p	0.9282	0.0718	0.7346	0.4622	0.5763
steel-s	0.9846	0.0154	0.8934	0.7617	0.0555
steel-z	0.9641	0.0359	0.9124	0.8173	0.4208
stellar	0.9021	0.0653	0.9004	0.8334	0.2370
stock	0.8611	0.1389	0.7725	0.5443	0.6484
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9800	0.0200	0.9799	0.9596	0.1342
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.6100	0.1560	0.3685	0.4081	0.4164
student-habits	0.3700	0.2520	0.2897	0.0843	0.7341
student-weekend	0.3846	0.2462	0.2822	0.1534	0.7198
student-workday	0.7344	0.1062	0.3278	0.3581	0.4595
studentap	0.6154	0.2564	0.5746	0.3981	0.4288
susy1%	0.7616	0.2384	0.7593	0.5181	0.7321
tae	0.3333	0.4444	0.3566	0.0000	0.7557
telco-churn	0.8679	0.1321	0.8347	0.6687	0.5759
texture	0.9364	0.0116	0.9401	0.9298	0.0799
theorem	0.9133	0.0867	0.9152	0.8162	0.2668
thoracic	0.8085	0.1915	0.5444	0.0824	0.7852
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.7895	0.2105	0.7726	0.5428	0.6994
tis	0.7726	0.2274	0.7878	0.5201	0.5913
tis10%	0.8284	0.1716	0.7580	0.5128	0.6702
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.7059	0.1471	0.7250	0.6083	0.2070
toxicity	0.7647	0.2353	0.7310	0.4426	0.7072
toxicity-13f	0.7059	0.2941	0.6913	0.3796	0.8113
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.4603	-0.0628	0.8856
trec11-wc	0.8537	0.0325	0.7470	0.8179	0.1090
trec12-wc	0.8387	0.0403	0.8778	0.8050	0.1456
trec21-wc	0.9091	0.0364	0.8982	0.8311	0.2470
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec45-wc	0.9420	0.0116	0.8486	0.9322	0.0426
tuandromd	0.9641	0.0359	0.9460	0.8913	0.2919
turkish	0.7750	0.1125	0.7698	0.7000	0.3028
tvnews1%	0.8923	0.1077	0.8836	0.7668	0.4642
tvnews10%	0.8581	0.1419	0.8452	0.6853	0.5336
ur3_cobotops_grip	0.9673	0.0327	0.6741	0.3185	0.5101
ur3_cobotops_stop	0.9592	0.0408	0.7316	0.4616	0.5812
urban	0.7463	0.0564	0.7768	0.7032	0.1901
urinalysis	0.9510	0.0490	0.7546	0.5076	0.5542
vehicle	0.7500	0.1250	0.7182	0.6626	0.2730
vehicleVAN	0.7857	0.2143	0.6699	0.2653	0.6296
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5556	0.0808	0.6057	0.5111	0.2422
vowelZ	0.8990	0.1010	0.4734	-0.0185	0.5421

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
warpar10p	0.6154	0.0769	0.5859	0.5667	0.1477
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc1%	0.6758	0.0926	0.6705	0.6214	0.3684
watch-gyr1%	0.6878	0.0892	0.6890	0.6357	0.3170
water_pollution	0.2500	0.3750	0.2661	0.0034	0.8129
waveform	0.7760	0.1493	0.7780	0.6638	0.4560
weather-related	0.9365	0.0115	0.9301	0.9280	0.0718
web-phishing	0.8370	0.1086	0.5787	0.6949	0.2885
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.8966	0.0414	0.8958	0.8688	0.1857
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9850	0.0075	0.9854	0.9800	0.0287
wilt	0.9627	0.0373	0.8572	0.6908	0.5238
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6101	0.1300	0.2892	0.3696	0.4399
winequality-white	0.4847	0.1718	0.2917	0.2303	0.4515
winnipeg10%	0.9758	0.0069	0.9785	0.9693	0.0495
wisc_bc	0.9298	0.0702	0.9321	0.8550	0.3064
yale	0.3750	0.0833	0.3294	0.3333	0.1709
yeast	0.5676	0.0961	0.4158	0.4460	0.3743
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.7155	0.4272	0.5783
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495
zip	0.9043	0.0191	0.8978	0.8927	0.1461

Table 319: Detailed results for HDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1301	0.0828	0.0508	0.0333	0.4073
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.6000	0.4000	0.6094	0.2000	0.8750
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8592	0.1408	0.7954	0.5740	0.5543
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6512	0.3488	0.5760	0.1305	0.8617
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9861	0.0139	0.4965	-0.0067	0.5619
anuran-family	0.8303	0.0848	0.5013	0.6453	0.3059
anuran-genus	0.7775	0.0556	0.4284	0.5929	0.3575
anuran-species	0.8042	0.0392	0.4755	0.7182	0.2214
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.7700	0.2300	0.7756	0.5400	0.6844
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.8590	0.1410	0.8570	0.6903	0.4347
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.4183	0.0969	0.2174	0.0471	0.5014
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.9194	0.0538	0.8845	0.8604	0.3020
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9945	0.0055	0.8334	0.6639	0.3909
biodeg	0.6857	0.3143	0.6489	0.2588	0.7794
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6500	0.1750	0.6536	0.5333	0.4780
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7490	0.6733	0.1057
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.7000	0.3000	0.4118	0.0000	0.4416
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.6479	0.0704	0.5200	0.5681	0.3120
cardiotocography-nsp	0.8685	0.0876	0.7231	0.6259	0.4305
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.7250	0.1833	0.6938	0.5149	0.3455
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8315	0.1685	0.5179	0.0234	0.7101
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.3810	0.4127	0.1839	0.0000	0.3169
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7046	0.1477	0.3920	0.5089	0.3235
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4490	0.3673	0.4149	0.1345	0.7893
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.5035	0.0903	0.2101	0.3799	0.3727
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.8571	0.1429	0.8133	0.6231	0.5828
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6552	0.3448	0.5841	0.1570	0.8836
colposcopies-2	0.5172	0.4828	0.4451	-0.1033	0.9975
colposcopies-3	0.6207	0.3793	0.5884	0.1448	0.8434
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.6207	0.3793	0.6860	0.2200	0.5093
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.8065	0.1935	0.7925	0.5792	0.6633
column-3c	0.7419	0.1720	0.6679	0.5797	0.3260
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.6947	0.3053	0.7006	0.3879	0.7934
coupon	0.5686	0.4314	0.3625	0.0000	0.5122

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8184	0.0605	0.4627	0.5901	0.2758
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.1250	0.0437	0.0800	0.1058	0.1384
customer-churn	0.9790	0.0210	0.5542	0.0172	0.2126
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8378	0.0541	0.8149	0.7954	0.1286
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9231	0.0769	0.9186	0.8344	0.3408
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7133	0.1911	0.6046	0.4888	0.4212
drug-01	0.3777	0.1778	0.1068	-0.0141	0.4366
drug-02	0.5160	0.1383	0.1343	0.0672	0.3738
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3670	0.1809	0.2514	0.1878	0.5054
drug-07	0.4734	0.1505	0.1469	0.1072	0.3379
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5745	0.1216	0.1732	0.1513	0.3432

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6223	0.1079	0.1745	0.2459	0.3223
drug-14	0.5053	0.1413	0.1974	0.1387	0.4742
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5745	0.1216	0.2098	0.2702	0.3952
drug-17	0.3564	0.1839	0.1579	0.1078	0.5231
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.8707	0.0369	0.8759	0.8439	0.1835
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	0.8182	0.1818	0.7992	0.5849	0.6041
ecoliM	0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.9024	0.7843	0.4644
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5768	0.4232	0.5800	0.1581	0.9368
eeg10%	0.1624	0.1047	0.0745	0.0515	0.5889
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9206	0.0794	0.9204	0.8408	0.3702
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9608	0.0392	0.9616	0.9202	0.1675
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8833	0.8431	0.0994
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9231	0.0385	0.9172	0.8937	0.0956
gas	0.5658	0.1447	0.5844	0.4774	0.3970
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6021	0.2653	0.3813	0.1468	0.5107
gene	0.7476	0.1682	0.7494	0.6087	0.4703
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
glass	0.5238	0.1587	0.5605	0.3333	0.3171
glass-g2	0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP	0.5714	0.4286	0.4788	-0.0328	0.9319
glassBWNFP	0.6667	0.3333	0.6687	0.3226	0.8108
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7368	0.2632	0.7449	0.4633	0.6993
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.6905	0.3095	0.6757	0.3473	0.8339
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7667	0.2333	0.6568	0.2553	0.6855
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.4893	0.2043	0.4541	0.3400	0.5316

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.7856	0.0613	0.4796	0.6957	0.2083
har701%	0.7938	0.0589	0.4824	0.7069	0.2064
har7010%	0.7904	0.0599	0.4815	0.7023	0.2071
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.7473	0.0421	0.3243	0.6489	0.2137
harth10%	0.7413	0.0431	0.3234	0.6408	0.2155
hayes-roth	0.3750	0.4167	0.2788	-0.0390	0.7493
hcc-survival	0.7647	0.2353	0.7571	0.5143	0.7332
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8065	0.1935	0.8046	0.6092	0.6543
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure	0.7180	0.2820	0.6326	0.1832	0.6799
heart-quantum	0.6600	0.3400	0.6556	0.3089	0.8609
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.7191	0.2809	0.7312	0.4367	0.7262
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6145	0.3855	0.6211	0.2000	0.8103
higgs1%	0.6059	0.3941	0.6127	0.1798	0.8065
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1148	0.0778	0.3710
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5910	0.2727	0.6353	0.4009	0.5033
htru2	0.9693	0.0307	0.9065	0.8128	0.3480
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9714	0.0286	0.9671	0.9320	0.1146
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8099	0.1901	0.6102	0.1476	0.6389
jvowels	0.5301	0.1044	0.5088	0.4686	0.4874
kc1	0.8246	0.1754	0.5892	0.1590	0.7421
kc1-class-level-defectiveornot	0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2560	0.0827	0.1326	0.1535	0.5729
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la2s-wc	0.2517	0.2494	0.0670	0.0000	0.3690
labor	0.6667	0.3333	0.6250	0.2500	0.8750
leaf	0.2941	0.0353	0.1425	0.2688	0.1206
led24	0.5000	0.1000	0.4467	0.4318	0.2564
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.3000	0.0538	0.3029	0.2728	0.5256
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.6944	0.0407	0.7111	0.6727	0.1302
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9995	0.0005	0.9628	0.9228	0.0031
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6765	0.3235	0.6780	0.3392	0.7960
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.5849	0.1186	0.3923	0.4008	0.3111
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.8298	0.1702	0.8285	0.6546	0.6047
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7580	0.2420	0.7243	0.4014	0.6542
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.4688	0.5312	0.3191	0.0000	0.5307
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.5545	0.2970	0.5403	0.3010	0.5431
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.5739	0.4261	0.5636	0.1270	0.9527
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	0.2222	0.5185	0.1212	0.0000	0.4199
meter-C	0.3333	0.3333	0.1250	0.0000	0.3773
meter-D	0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.5550	0.0890	0.5495	0.5056	0.3624
mfeat-kar	0.6850	0.0630	0.6798	0.6500	0.3003
mfeat-mor	0.7100	0.0580	0.6936	0.6778	0.1900
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.4650	0.1070	0.4529	0.4056	0.4830
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.8774	0.0818	0.8613	0.8114	0.2451
mines	0.5588	0.1765	0.5728	0.4504	0.3841
mobile	0.1713	0.0296	0.1424	0.1564	0.3482
monks-1	0.5818	0.4182	0.5845	0.1661	0.9341

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-2	0.8033	0.1967	0.7779	0.5542	0.6781
monks-3	0.8393	0.1607	0.8490	0.6753	0.4902
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.3656	0.1154	0.2707	0.2170	0.6053
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.8998	0.1002	0.5430	0.0206	0.4145
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.3046	-0.0165	0.5418
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.4630	0.2685	0.1582	0.0000	0.3435
occupancy	0.9781	0.0219	0.9710	0.9404	0.2020
Occupancy_Estimation	0.9773	0.0114	0.9423	0.9319	0.1121
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.8246	0.0390	0.7848	0.7836	0.1438
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9122	0.0351	0.4241	0.4744	0.4389
parkinson	0.9667	0.0333	0.9655	0.9310	0.2012
parkinsons	0.6209	0.3791	0.5333	0.0178	0.6560

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8108	0.1892	0.7474	0.4529	0.5961
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	0.9800	0.0200	0.9685	0.9351	0.0783
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.7889	0.0422	0.7873	0.7653	0.2308
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9224	0.0776	0.9192	0.8382	0.3751
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7741	0.2259	0.7711	0.5163	0.6671
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7368	0.2632	0.7271	0.3930	0.6335
pirvision	0.9477	0.0348	0.9066	0.8337	0.2354
placement	0.7420	0.2580	0.7340	0.4676	0.7677
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9617	0.0383	0.6732	0.0470	0.1111
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9439	0.0561	0.5386	0.0260	0.4089
polish-5th	0.9289	0.0711	0.4816	-0.0033	0.3009
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.5882	0.4118	0.6005	0.1765	0.8657
prestige	0.6667	0.2222	0.6389	0.4808	0.4322
primary-tumor	0.3030	0.1072	0.2049	0.2183	0.3140
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-641%	0.4921	0.5079	0.4920	-0.0159	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9761	0.0239	0.9258	0.8493	0.2394
raisin	0.8556	0.1444	0.8667	0.7111	0.4449
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9857	0.0143	0.9856	0.9711	0.0925
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5922	0.4078	0.5224	0.0013	0.5319
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.7154	0.0949	0.6562	0.6437	0.3298
satimageF	0.9751	0.0249	0.9377	0.8749	0.3070
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.4412	0.5588	0.4189	-0.1176	0.9672
sclerosis	0.9259	0.0741	0.9250	0.8500	0.3546
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.7489	0.0717	0.7676	0.7072	0.2517
segmentation	0.7723	0.2277	0.7569	0.5127	0.7270
segmentO	0.9567	0.0433	0.9119	0.8233	0.3367
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.9424	0.0165	0.4781	0.8513	0.2557
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9820	0.0180	0.9725	0.9438	0.0903
skin10%	0.9788	0.0212	0.9675	0.9332	0.0986
smarket	0.7520	0.2480	0.7548	0.5016	0.7248
smart-farming	0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.7000	0.3000	0.7000	0.4000	0.8211
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9435	0.0565	0.8113	0.6094	0.4423
spambase	0.7152	0.2848	0.7715	0.4676	0.5560
spect	0.7037	0.2963	0.5141	0.0270	0.8776

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectf	0.7429	0.2571	0.7625	0.4793	0.6462
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.8360	0.1640	0.7826	0.5653	0.6557
splice-IE	0.7855	0.2145	0.6525	0.2639	0.7083
sport-articles	0.7400	0.2600	0.7117	0.4163	0.7699
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.0821	0.9179	0.0758	0.0000	0.2013
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8333	0.1667	0.6696	0.3132	0.6852
stockb	0.3348	0.4435	0.1672	0.0000	0.4165
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7214	0.2786	0.7297	0.4200	0.6931
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.5333	0.3111	0.5755	0.3000	0.5012
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.3227	0.6773	0.2440	0.0000	0.4945
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5043	0.0072	0.8694
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.5250	0.2375	0.5337	0.3667	0.5475
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.4776	0.1161	0.3538	0.3809	0.4095
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7262	0.1369	0.6728	0.6297	0.3128
vehicleVAN	0.8929	0.1071	0.8504	0.6897	0.4534
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.7907	0.2093	0.7977	0.5789	0.6286
vowel	0.5354	0.0845	0.5585	0.4889	0.2615
vowelZ	0.9697	0.0303	0.9024	0.7843	0.0972
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.4200	0.3867	0.4187	0.1311	0.7826
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.7778	0.1481	0.5349	0.5801	0.3622
Weekly	0.5648	0.4352	0.6172	0.0231	0.5148
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9500	0.0250	0.9503	0.9333	0.1060
wilt	0.9834	0.0166	0.9055	0.8011	0.1818
wine	0.8235	0.1176	0.8397	0.7000	0.2906
winequality-red	0.5346	0.1551	0.2522	0.2155	0.4036
winequality-white	0.4724	0.1507	0.2894	0.0955	0.4193
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5338	0.0932	0.4566	0.4005	0.3526
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 320: Detailed results for HHCart

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2062	0.0547	0.0971	0.1338	0.4914
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9512	0.0488	0.9008	0.8013	0.4029
adult	0.8489	0.1511	0.7751	0.5377	0.6045
advanced-iot	0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.6984	0.3016	0.4746	-0.0386	0.5637
AID_1431_MACCSFingerprinter	0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1878	0.8381	0.1619	0.6657	0.2553	0.5854
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8687	0.0875	0.3099	-0.0166	0.3138
AID1284Morered	0.7500	0.2500	0.4286	-0.1408	0.8101
AID1284red	0.8333	0.1667	0.5863	0.1628	0.7500
AID1608Morered	0.8058	0.1942	0.5467	0.0779	0.5663
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red	0.9836	0.0164	0.6183	0.2149	0.5259
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.6098	0.2105	0.8520
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.4444	0.5556	0.3077	-0.3636	0.8576
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8826	0.1174	0.8337	0.6622	0.5206
air_pollution	0.2133	0.2248	0.1038	-0.0130	0.6192
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.9062	0.0938	0.9049	0.8096	0.4182
alcohol	0.6952	0.1219	0.4473	0.3994	0.3806
all-aml	0.8333	0.1667	0.8537	0.6667	0.4644
alzheimers	0.8744	0.1256	0.8640	0.7277	0.5232
anneal	0.8652	0.0539	0.7047	0.7222	0.1935
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9040	0.0480	0.6182	0.8228	0.2342
anuran-genus	0.8929	0.0268	0.6129	0.8247	0.2336
anuran-species	0.8528	0.0294	0.6456	0.7920	0.2077
anxiety	0.0750	0.2056	0.0582	-0.0396	0.7101
apple-quality	0.7500	0.2500	0.7502	0.5000	0.7489
aps-failure	0.9880	0.0120	0.7983	0.5591	0.2887
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9059	0.0941	0.6326	0.0965	0.2003
arabidopsis1%	0.9732	0.0268	0.5667	0.1060	0.4048
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7000	0.3000	0.6803	0.3182	0.7426
arrhythmia	0.5111	0.0978	0.2701	0.2332	0.5227
auction	0.9118	0.0882	0.7695	0.4848	0.4195
audiology	0.6522	0.0290	0.2386	0.5884	0.1159
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8000	0.0667	0.6842	0.7360	0.1851
avila	0.3785	0.1036	0.2592	0.2585	0.4756
babies	0.3468	0.1866	0.1817	0.0303	0.4645
balance	0.7903	0.1398	0.6382	0.6452	0.4453
bank	0.9082	0.0918	0.7577	0.5135	0.5993
banknote	0.9927	0.0073	0.9927	0.9852	0.0474
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8687	0.1313	0.8557	0.7054	0.5016
basehock	0.8392	0.1608	0.8494	0.6780	0.5001
bio	0.9955	0.0045	0.8590	0.7063	0.2668
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8762	0.1238	0.8675	0.7337	0.5001
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.7347	0.0183	0.0294	0.0211	0.0380
bitcoin1%	0.6773	0.0223	0.0280	0.0207	0.0956
bitcoin10%	0.9801	0.0036	0.0900	0.0322	0.0531
body-perf	0.4672	0.2664	0.5362	0.2896	0.4387
bookings	0.9900	0.0066	0.8010	0.9788	0.0157
brain-tumor	0.4915	0.5085	0.4911	-0.0175	1.0000
breast-cancer	0.8214	0.1786	0.7665	0.5070	0.6034
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue	0.9091	0.0303	0.8046	0.8866	0.0381
bridges	0.5088	0.1332	0.2568	0.2971	0.2614
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4240	0.3840	0.3323	0.0157	0.4623
car	0.8678	0.0661	0.6512	0.7204	0.2833
car-insurance	0.8400	0.1600	0.8092	0.6159	0.6089
card	0.8841	0.1159	0.8816	0.7575	0.4481
cardiotocography	0.5211	0.0958	0.4166	0.4323	0.4059
cardiotocography-nsp	0.8732	0.0845	0.7530	0.6078	0.3939
cardiovascular	0.7297	0.2703	0.7305	0.4594	0.7760
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.7206	0.5223	0.3955
cas_N6512_cdk_ECFP2	0.6943	0.3057	0.6925	0.3850	0.8293
cas_N6512_rdkit_ATOMPAIR	0.7046	0.2954	0.7016	0.4017	0.8137
cas_N6512_RDkit_AtomPair_FP	0.6902	0.3098	0.6884	0.3767	0.8345
cas_N6512_rdkit_AVALON	0.7450	0.2550	0.7449	0.4891	0.7562
cas_N6512_RDkit_Avalon_FP	0.7653	0.2347	0.7646	0.5289	0.7259
cas_N6512_rdkit_descriptors	0.7323	0.2677	0.7339	0.4655	0.7703
cas_N6512_rdkit_FEATMORGAN	0.6959	0.3041	0.6958	0.3909	0.8243
cas_N6512_RDkit_Featmorgan_FP	0.7270	0.2730	0.7263	0.4523	0.7841
cas_N6512_RDkit_FP	0.6779	0.3221	0.6769	0.3535	0.8483
cas_N6512_rdkit_LAYERED	0.7462	0.2538	0.7508	0.4954	0.7381
cas_N6512_RDkit_Layered_FP	0.7469	0.2531	0.7451	0.4900	0.7559

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7634	0.2366	0.7619	0.5188	0.7168
cas_N6512_RDkit_MACCS_FP	0.7531	0.2469	0.7522	0.5043	0.7456
cas_N6512_rdkit_MORGAN	0.6769	0.3231	0.6762	0.3522	0.8488
cas_N6512_RDkit_morgan_FP	0.7239	0.2761	0.7257	0.4490	0.7816
cas_N6512_rdkit_PATTERN	0.7585	0.2415	0.7595	0.5172	0.7319
cas_N6512_RDkit_pattern_FP	0.7239	0.2761	0.7222	0.4443	0.7899
cas_N6512_rdkit_RDKITFP	0.7296	0.2704	0.7330	0.4617	0.7682
cas_N6512_rdkit_TORSION	0.6923	0.3077	0.6935	0.3853	0.8258
ccds	0.9644	0.0356	0.7010	0.3443	0.4300
ccds1%	0.7637	0.2363	0.4787	-0.0219	0.3400
ccds10%	0.9399	0.0601	0.5589	0.1170	0.6312
cdc_diabetes	0.8453	0.1031	0.4136	0.1688	0.3245
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7668	0.2332	0.7472	0.4942	0.7399
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.6022	0.0519	0.2767
CDS49_AID687_Rdkit-ecfp4-fp	0.9964	0.0036	0.4991	-0.0016	0.5401
census	0.9464	0.0536	0.7373	0.4558	0.5142
census10%	0.9438	0.0561	0.6633	0.2253	0.4118
central-nervous-system	0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8463	0.0769	0.8550	0.7713	0.2563
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9337	0.0663	0.7225	0.2510	0.1683
churn	0.8500	0.1500	0.7403	0.4523	0.6003
churn-bigml	0.8502	0.1498	0.6869	0.3728	0.7059
ci900367j_MACCS	0.7158	0.2842	0.6936	0.3862	0.8123
circles	0.2320	0.0154	0.1131	0.2242	0.1723
cirrhosis	0.7619	0.1587	0.7456	0.5059	0.3193
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.6963	0.1519	0.4083	0.4949	0.2673
climate	0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111	0.5000	0.3333	0.6111	0.2174	0.4138
cm1	0.8400	0.1600	0.4565	-0.0811	0.7590
cmc	0.3741	0.4172	0.4545	0.1459	0.5382
cnae-9	0.9074	0.0206	0.9095	0.8958	0.1037
codon_usage	0.6869	0.0569	0.4506	0.6301	0.3834
coil20	0.8542	0.0146	0.8498	0.8464	0.0699
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.7241	0.2759	0.6821	0.3591	0.8058
colposcopies-2	0.5862	0.4138	0.5451	0.0890	0.9496
colposcopies-3	0.5862	0.4138	0.5542	0.1031	0.9376
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7241	0.2759	0.5851	0.1655	0.7831
colposcopies-6	0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c	0.7586	0.2414	0.6226	0.2281	0.7911
column-2c	0.8387	0.1613	0.8114	0.6210	0.6099
column-3c	0.7097	0.1935	0.6642	0.4955	0.3787

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.5224	0.4776	0.5194	0.0383	0.9839
comedy_comparisons10%	0.5427	0.4573	0.5413	0.0826	0.9736
connect-4	0.9960	0.0027	0.8868	0.9094	0.0269
cottonmeloidogyne	0.7596	0.2404	0.7600	0.5194	0.7330
coupon	0.6822	0.3178	0.6808	0.3602	0.8391
covid19	0.2423	0.2165	0.1784	0.0339	0.3593
covtype	0.6062	0.1125	0.2937	0.3683	0.4554
covtype10%	0.6084	0.1119	0.2998	0.3823	0.4874
covtypeCD	0.9364	0.0636	0.8574	0.7110	0.4289
covtypeT	0.9455	0.0545	0.7499	0.4690	0.4671
crabs	0.7500	0.1250	0.7708	0.6667	0.2841
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.7290	0.0903	0.3930	0.4776	0.3715
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.0938	0.0453	0.0500	0.0739	0.1761
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1567	0.2811	0.1360	-0.0101	0.6232
cyclopentane	0.6667	0.3333	0.6887	0.3520	0.7865
cylinder-bands	0.7037	0.2963	0.7195	0.4201	0.7603
darwin	0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1030	0.1794	0.0571	0.0016	0.5333
dbworld	0.8571	0.1429	0.8750	0.7200	0.4011
default	0.8263	0.1737	0.7128	0.3858	0.6261
defect	0.9136	0.0864	0.8289	0.6523	0.4909
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8910	0.1090	0.6985	0.3850	0.6345
depressed	0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology	0.9189	0.0270	0.9198	0.8989	0.0903
desharnais	0.6250	0.2500	0.5032	0.3143	0.4486
dexter	0.7667	0.2333	0.8021	0.5333	0.4545
df_final	0.6250	0.2500	0.6637	0.4419	0.5106
DIA	0.7333	0.2667	0.6760	0.3469	0.7873
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k	0.9332	0.0668	0.7539	0.4926	0.5252
diabetes-risk	0.8769	0.1231	0.7992	0.5894	0.5579
diabetic	0.5171	0.3219	0.4228	0.1397	0.6025
diabetic1%	0.4412	0.3725	0.4044	0.0980	0.7804
diabetic10%	0.4666	0.3556	0.3569	0.0409	0.7977
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.4095	0.2362	0.4627	0.2392	0.4598
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5000	0.5000	0.4857	-0.0286	0.9973
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.3739	0.6261	0.6069	0.0784	0.2946
dota2	0.5967	0.4033	0.5932	0.1844	0.9284
dota210%	0.5835	0.4165	0.5801	0.1591	0.9414
drebin	0.9760	0.0240	0.9745	0.9488	0.1645
dropout	0.7020	0.1986	0.6302	0.4522	0.3272
drug-01	0.2128	0.2249	0.2201	-0.0043	0.6083
drug-02	0.4096	0.1687	0.1783	0.1140	0.5869

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-03	0.5106	0.1398	0.1607	0.1585	0.3088
drug-04	0.4149	0.1672	0.1693	0.1490	0.5410
drug-05	0.5213	0.1368	0.1533	0.0963	0.2823
drug-06	0.1277	0.2492	0.1626	0.0017	0.5949
drug-07	0.4202	0.1657	0.0862	-0.0065	0.3033
drug-08	0.2606	0.2112	0.1481	0.0462	0.5156
drug-09	0.7074	0.0836	0.1368	0.1092	0.2095
drug-10	0.2394	0.2173	0.1441	0.0578	0.5573
drug-11	0.5957	0.1155	0.1435	0.0780	0.3188
drug-12	0.5585	0.1261	0.1712	0.1585	0.3443
drug-13	0.4149	0.1672	0.2764	0.2290	0.5571
drug-14	0.3298	0.1915	0.2062	0.1376	0.4777
drug-15	0.4309	0.1626	0.1181	0.0674	0.4741
drug-16	0.4947	0.1444	0.2622	0.3041	0.4571
drug-17	0.3085	0.1976	0.1146	0.0202	0.5176
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.5106	0.1398	0.1363	0.0676	0.3868
drybean	0.8604	0.0399	0.8612	0.8320	0.2031
ecoli	0.6089	0.0880	0.3792	0.4724	0.2653
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2200	0.3900	0.2185	-0.0407	0.8268
eeg	0.1664	0.1042	0.1282	0.0891	0.6765
eeg-eye	0.7096	0.2904	0.7045	0.4035	0.7997
eeg10%	0.2030	0.0996	0.1289	0.1244	0.6200
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5205	0.1918	0.5126	0.4000	0.5248
euthyroid	0.9557	0.0443	0.8868	0.7695	0.4573
exon.vs.intron-freq	0.9252	0.0748	0.9254	0.8502	0.3526
exon.vs.intron-freq10%	0.9216	0.0784	0.9225	0.8433	0.3584
fakenews	0.5275	0.4725	0.5408	0.0610	0.8706
farm-ads	0.8454	0.1546	0.8531	0.6842	0.4766
fbis-wc	0.5122	0.0574	0.4990	0.4487	0.5082
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.6078	0.3922	0.5991	0.1956	0.9201
financial-risk	0.7545	0.0818	0.5592	0.5900	0.3366
fishcatch	0.7500	0.0833	0.7438	0.6923	0.1223
flags	0.3000	0.1750	0.3015	0.2090	0.3832
fonts	0.0333	0.0126	0.0042	0.0234	0.4321
fonts10%	0.0207	0.0128	0.0031	0.0078	0.4462
forest	0.7885	0.1058	0.7879	0.7048	0.2647
gas	0.7146	0.0951	0.7393	0.6524	0.2951
gastrointestinal	0.6875	0.2083	0.6816	0.5181	0.5083
gender	0.5621	0.2919	0.4970	0.1305	0.5323
gene	0.9022	0.0652	0.8905	0.8421	0.2488
german	0.7100	0.2900	0.6625	0.3128	0.8135
gestures	0.3964	0.3018	0.4494	0.1948	0.5983
gina	0.8617	0.1383	0.8621	0.7235	0.5302
gisette	0.8014	0.1986	0.8086	0.6029	0.6139
glass	0.7619	0.0794	0.6775	0.6656	0.1944
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.6190	0.3810	0.5777	0.1515	0.9201
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassVWFP	1.0000	0.0000	1.0000	1.0000	0.0000
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.6000	0.2000	0.5556	0.4737	0.1226
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage	0.4667	0.2667	0.4227	0.2638	0.4126
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.6667	0.3333	0.4000	-0.1194	0.8874
hapt	0.8838	0.0194	0.5592	0.8626	0.1546
har	0.6325	0.1470	0.6329	0.5381	0.4359
har70	0.6081	0.1120	0.4140	0.4961	0.3753
har701%	0.5987	0.1147	0.4325	0.4921	0.3464
har7010%	0.6156	0.1098	0.4292	0.5073	0.3575
harth	0.5124	0.0813	0.2071	0.3605	0.3579
harth1%	0.5214	0.0798	0.2139	0.3758	0.3600
harth10%	0.5145	0.0809	0.2123	0.3646	0.3510
hayes-roth	0.6875	0.2083	0.6451	0.5031	0.4476
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.6000	0.2000	0.2818	0.1121	0.3449
heart	0.7037	0.2963	0.6853	0.3494	0.7830
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.9160	0.0840	0.9009	0.7988	0.3815
heart-quantum	0.9200	0.0800	0.9167	0.8333	0.3797
hepatitis	0.6667	0.3333	0.6377	0.2424	0.7291
hepmass	0.8400	0.1600	0.8405	0.6800	0.5796
hepmass1%	0.8375	0.1625	0.8383	0.6752	0.5831
hepmass10%	0.8391	0.1609	0.8397	0.6783	0.5813
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.6779	0.3221	0.6770	0.3539	0.8488
higgs0.1%	0.6655	0.3345	0.6631	0.3255	0.8628
higgs1%	0.6686	0.3314	0.6660	0.3290	0.8545
higgs10%	0.6807	0.3193	0.6799	0.3597	0.8454
higher	0.1429	0.2143	0.1215	0.0059	0.3888
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa	0.8988	0.1012	0.8253	0.6503	0.5644
hiva	0.9362	0.0638	0.5480	0.0959	0.6132
horse	0.4722	0.3519	0.4791	0.1309	0.6274
hotel-reservartions	0.8319	0.1681	0.8043	0.6057	0.6198
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.6955	0.2030	0.7074	0.5381	0.5016
ht-sensor10%	0.6473	0.2352	0.6749	0.4598	0.5053
htru2	0.9799	0.0201	0.9372	0.8722	0.1956
hypothyroid	0.9761	0.0119	0.6931	0.8684	0.2172
hypothyroidT	0.9920	0.0080	0.9725	0.9448	0.1791
ilpd	0.6780	0.3220	0.6143	0.2285	0.8639
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9553	0.0223	0.9559	0.9404	0.0848
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.3607	0.0492	0.3671	0.3351	0.4069
jm1	0.8090	0.1910	0.5966	0.0809	0.5411
jvowels	0.6155	0.0855	0.6284	0.5625	0.3889

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1	0.8531	0.1469	0.6581	0.2727	0.6396
kc1-class-level-defectiveornot	0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect	0.3571	0.0536	0.0260	0.0382	0.1860
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.5552	0.1011	0.8298
kdc-4007	0.5960	0.1010	0.5882	0.5298	0.3162
kddcup98	0.8939	0.1061	0.5055	0.0109	0.6231
kddcup981%	0.5368	0.4632	0.5387	0.0279	0.2989
kddcup9810%	0.9173	0.0827	0.5251	0.0493	0.6615
kddcup99	0.9936	0.0006	0.1950	0.9891	0.1616
kddcup991%	0.9783	0.0019	0.1557	0.9634	0.0998
kddcup9910%	0.9755	0.0021	0.2038	0.9583	0.0576
kepler	0.7301	0.1799	0.7018	0.5027	0.3392
kidney	0.6626	0.1350	0.1869	-0.0018	0.3241
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.1319	0.0965	0.0930	0.0467	0.6533
krvskp	0.9624	0.0376	0.9637	0.9249	0.1792
la1s-wc	0.6095	0.1302	0.6272	0.5188	0.4130
la2s-wc	0.6424	0.1192	0.6846	0.5645	0.4072
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.1047	0.0561	0.0254	0.0734	0.1870
led24	0.5000	0.1000	0.4765	0.4366	0.2467
lenses	1.0000	0.0000	0.9852	0.9886	0.0143
letter	0.1070	0.0687	0.0702	0.0706	0.5392
leukemia	0.7143	0.1905	0.7778	0.5882	0.2985
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.4444	0.0741	0.4411	0.4045	0.2378
linkage	1.0000	0.0000	0.9982	0.9964	0.0002
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7353	0.2647	0.7051	0.4093	0.7890
loan	0.9438	0.0562	0.9402	0.8804	0.3003
localization	0.2798	0.1310	0.1202	0.1582	0.5956
localization10%	0.2549	0.1355	0.1213	0.1373	0.6019
lrs	0.8113	0.0377	0.5412	0.7339	0.1461
lung	0.7619	0.0952	0.6175	0.4643	0.2932
lung_discrete	0.7500	0.0714	0.6349	0.7037	0.0872
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.9161	0.8182	0.1250
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7173	0.1377	0.3793	0.4714	0.3165
lymphoma2	0.7778	0.0494	0.5135	0.7188	0.0294
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.5500	0.4500	0.5501	0.1000	0.9678
magic04	0.8222	0.1778	0.7999	0.5938	0.6230
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8115	0.6225	0.6394
marketing	0.8616	0.1384	0.6666	0.3000	0.6450
maternal	0.5446	0.3036	0.5885	0.2831	0.5060
math	0.7750	0.1125	0.7205	0.6584	0.3748
mba	0.8419	0.1054	0.4093	0.1179	0.2917
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2200	0.3120	0.2075	0.0310	0.5121
messidor	0.6435	0.3565	0.6442	0.2861	0.8783
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8953	0.8512	0.0908
meter-D	0.5556	0.2222	0.5572	0.4194	0.3002
mfeat-fac	0.7550	0.0490	0.7631	0.7278	0.2329
mfeat-fou	0.5100	0.0980	0.5260	0.4556	0.3502
mfeat-kar	0.6300	0.0740	0.6568	0.5889	0.3264
mfeat-mor	0.4000	0.1200	0.3830	0.3333	0.3488
mfeat-pix	0.6850	0.0630	0.6949	0.6500	0.2689
mfeat-zer	0.5050	0.0990	0.4953	0.4500	0.3634
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.7925	0.1384	0.8168	0.6699	0.2533
mines	0.4118	0.2353	0.4441	0.2641	0.4430
mobile	0.0350	0.0345	0.0170	0.0175	0.3926
monks-1	0.8182	0.1818	0.8317	0.6343	0.5181
monks-2	0.7213	0.2787	0.6721	0.3297	0.7953
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0972	0.1641	0.1183	0.0281	0.4949
musk	0.9288	0.0712	0.8530	0.6739	0.2855
MUT_ci300400a_cdk_ECFP2	0.7986	0.2014	0.7989	0.5937	0.6603
MUT_ci300400a_cdk_ECFP4	0.7473	0.2527	0.7429	0.4851	0.7563
MUT_ci300400a_cdk_ECFP6	0.7269	0.2731	0.7211	0.4419	0.7877
MUT_ci300400a_cdk_ESTATE	0.7074	0.2926	0.7010	0.4018	0.8142
MUT_ci300400a_cdk_EXTENDED	0.7830	0.2170	0.7770	0.5539	0.7015
MUT_ci300400a_cdk_FCFP2	0.7856	0.2144	0.7818	0.5628	0.6942
MUT_ci300400a_cdk_FCFP4	0.7578	0.2422	0.7541	0.5072	0.7392
MUT_ci300400a_cdk_FCFP6	0.7470	0.2530	0.7432	0.4854	0.7556
MUT_ci300400a_cdk_MACCS	0.7698	0.2302	0.7605	0.5139	0.7073
MUT_ci300400a_cdk_PUBCHEM	0.8252	0.1749	0.8188	0.6346	0.6105
MUT_ci300400a_cdk_STANDARD	0.7749	0.2251	0.7667	0.5326	0.7143
MUT_ci300400a_rdkit_descriptors	0.7820	0.2180	0.7799	0.5585	0.6977
myocardial	0.7176	0.0706	0.2852	0.2760	0.2938
naticusdroid	0.9526	0.0474	0.9526	0.9052	0.2558
NCI60	0.5000	0.1667	0.4545	0.4000	0.1534
nci9	0.3333	0.1481	0.1481	0.2258	0.1303
ncRNA	0.6647	0.0353	0.1339	0.3548	0.5900
ncRNA1%	0.6512	0.0367	0.1099	0.3436	0.5558
ncRNA10%	0.6466	0.0372	0.1325	0.3383	0.6859
neo	0.9095	0.0905	0.6605	0.2147	0.4533
new-thyroid	0.9524	0.0317	0.9026	0.8939	0.0573
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.3393	0.0300	0.3031	0.3191	0.4145
newspop	0.6486	0.3514	0.6458	0.2905	0.8812
NHANES_age_prediction	0.9868	0.0132	0.9766	0.9521	0.1858
nomao	0.9411	0.0589	0.9281	0.8561	0.3385
NPHA-doctor-visits	0.4722	0.3519	0.2572	-0.0729	0.5653
nursery	0.9059	0.0377	0.5520	0.8607	0.0947
obesity	0.5498	0.1286	0.5844	0.4760	0.3400
obs	0.6481	0.1759	0.6865	0.5251	0.4000
occupancy	0.9883	0.0117	0.9840	0.9677	0.1315
Occupancy_Estimation	0.9911	0.0044	0.9698	0.9730	0.0335
oh0-wc	0.7426	0.0515	0.7943	0.7105	0.2059
oh10-wc	0.5333	0.0933	0.4722	0.4688	0.4303
oh15-wc	0.5000	0.1000	0.4733	0.4346	0.4045
oh5-wc	0.6044	0.0791	0.6354	0.5581	0.3220
ohscal-wc	0.4185	0.1163	0.4239	0.3511	0.6245
olive	0.8246	0.0390	0.7688	0.7818	0.1428

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.5747	0.0851	0.5856	0.5267	0.3745
optdigitsZ	0.9947	0.0053	0.9834	0.9668	0.0845
orl	0.2250	0.0387	0.1665	0.2051	0.1617
orlraws10P	0.8000	0.0400	0.7742	0.7778	0.0497
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.8933	0.1067	0.5100	0.0181	0.7023
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.8189	0.6243	0.6091
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8606	0.7154	0.5228
p53-mutants	0.9936	0.0064	0.6864	0.3718	0.5432
p53-mutants10%	0.9904	0.0096	0.4976	-0.0043	0.4048
page-blocks	0.9141	0.0344	0.6793	0.5921	0.4267
parkinson	0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons	0.7773	0.2227	0.7653	0.5303	0.7170
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.8837	0.1163	0.8513	0.6986	0.4996
particle10%	0.8846	0.1154	0.8558	0.7114	0.5201
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.6644	0.2997	0.5774
pcmac	0.4742	0.5258	0.4721	-0.0551	0.9986
pcos	0.9933	0.0067	0.9896	0.9789	0.0328
pd	0.8289	0.1711	0.7610	0.5185	0.6657
pediatric-leukemia	0.7353	0.0756	0.5884	0.6706	0.1967
pendigits	0.5587	0.0883	0.5884	0.5096	0.3900
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.4444	0.5556	0.5000	0.0000	0.8722
persistency	0.7843	0.2157	0.7682	0.5360	0.7069
personalities	0.1702	0.1037	0.1876	0.1149	0.6369
pet-adoption	0.9250	0.0750	0.9149	0.8297	0.3766
phishing	0.9388	0.0612	0.9357	0.8713	0.3146
PhiUSIIL	0.9998	0.0002	0.9998	0.9997	0.0024
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.5667	0.1238	0.5478	0.4923	0.3395
phone-acc0.1%	0.5681	0.1234	0.5547	0.4926	0.3537
phone-acc1%	0.5398	0.1315	0.5316	0.4601	0.3853
phone-acc10%	0.5193	0.1374	0.5038	0.4377	0.3470
phone-gyr	0.6309	0.1055	0.6213	0.5676	0.3546
phone-gyr0.1%	0.5205	0.1370	0.5213	0.4381	0.3717
phone-gyr1%	0.5578	0.1263	0.5430	0.4810	0.3700
phone-gyr10%	0.6054	0.1128	0.6071	0.5375	0.3484
phoneme	0.7833	0.2167	0.7229	0.4434	0.7389
phy	0.6946	0.3054	0.6969	0.3886	0.8146
pima	0.7632	0.2368	0.7470	0.4802	0.7075
pirvision	0.9863	0.0091	0.9757	0.9558	0.0592
placement	0.7910	0.2090	0.7836	0.5646	0.6802
plant-growth	0.6316	0.3684	0.6438	0.2732	0.8562
plrx	0.5556	0.4444	0.5071	0.0137	0.9013
poker	0.4279	0.1144	0.1588	0.0074	0.1852
poker1%	0.4420	0.1116	0.1701	0.0128	0.2511
poker10%	0.4700	0.1060	0.1041	0.0532	0.2592
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9425	0.0575	0.7196	0.3264	0.3264

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polya	0.7514	0.2486	0.7191	0.4300	0.7535
popularity	0.6502	0.2332	0.3938	0.1284	0.4401
post-operative	0.6595	0.2115	0.2619	0.0079	0.2187
postures	0.6732	0.1307	0.6931	0.5921	0.4063
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6618	0.3235	0.8668
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.1744	0.0886	0.0957	0.1216	0.2783
processed	0.9767	0.0233	0.9735	0.9457	0.0994
profb	0.7612	0.2388	0.7146	0.4180	0.7431
promoters	0.7000	0.3000	0.7041	0.4000	0.7967
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	0.7273	0.2727	0.7609	0.4211	0.4644
puc-rio	0.7794	0.0882	0.6899	0.7057	0.2916
puc-rio10%	0.7725	0.0910	0.6513	0.6919	0.2891
pufs-128	0.5009	0.4991	0.5009	0.0019	0.9995
pufs-1281%	0.4947	0.5053	0.4947	-0.0107	1.0000
pufs-12810%	0.4954	0.5046	0.4954	-0.0091	1.0000
pufs-64	0.5025	0.4975	0.5025	0.0051	0.9979
pufs-641%	0.5158	0.4842	0.5159	0.0317	0.9902
pufs-6410%	0.4963	0.5037	0.4963	-0.0074	1.0000
pulsar	0.9800	0.0200	0.9381	0.8707	0.1303
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%	0.5148	0.0183	0.1890	0.4675	0.3529
rcv110%	0.4676	0.0201	0.1393	0.4124	0.5054
re0-wc	0.5733	0.0656	0.4590	0.4823	0.4920
re1-wc	0.4940	0.0405	0.3822	0.4362	0.3719
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.6386	0.0111	0.1594	0.5081	0.4929
rice	0.9841	0.0159	0.9839	0.9678	0.1126
rnaseq	0.9500	0.0200	0.9485	0.9330	0.0530
rocket	0.6038	0.3962	0.6017	0.2014	0.9123
RT_IOT2022	0.9769	0.0038	0.6687	0.9421	0.0356
satimage	0.7356	0.0881	0.6941	0.6775	0.3203
satimageF	0.9782	0.0218	0.9418	0.8787	0.1274
satimageT	0.9176	0.0824	0.7210	0.3702	0.4457
scadi	0.8571	0.0408	0.5333	0.8056	0.0421
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8910	0.1090	0.6031	0.2031	0.6525
secondary_mushroom	0.9718	0.0282	0.9715	0.9429	0.1732
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.7922	0.0594	0.8226	0.7577	0.1700
segmentation	0.7921	0.2079	0.7734	0.5468	0.6983
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8530	0.1470	0.5847	0.1373	0.6889
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8316	0.1684	0.5196	0.0334	0.7609
sens-4-gram	0.7868	0.2132	0.5741	0.1469	0.7539
sens-5-gram	0.8211	0.1789	0.5805	0.1599	0.7624
sens-6-gram	0.8474	0.1526	0.5886	0.1613	0.7266
sens-7-gram	0.8500	0.1500	0.5572	0.0884	0.7005
sens-8-gram	0.8500	0.1500	0.5672	0.1094	0.7067
sens-9-gram	0.8474	0.1526	0.5525	0.0832	0.7127

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sensorless	0.4316	0.1033	0.4219	0.3748	0.3707
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8986	0.1014	0.7913	0.5775	0.5598
shuttle	0.9552	0.0128	0.4802	0.8784	0.2550
sick	0.9788	0.0212	0.9082	0.8071	0.1898
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9748	0.0252	0.9640	0.9262	0.2373
skin10%	0.9702	0.0298	0.9571	0.9126	0.2621
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.1600	0.4200	0.1783	-0.1135	0.8395
smk_can_187	0.6316	0.3684	0.6315	0.2486	0.8662
smoking	0.7323	0.2677	0.7236	0.4435	0.7738
soil_pollution	0.2000	0.3200	0.1901	-0.0038	0.6865
solar-flare	0.6475	0.1175	0.4168	0.5483	0.1805
sonar	0.5500	0.4500	0.5730	0.1000	0.8046
soybean	0.8529	0.0155	0.8504	0.8390	0.0699
spam-detection	0.9545	0.0455	0.8562	0.7100	0.4198
spambase	0.9196	0.0804	0.9156	0.8310	0.3774
spect	0.6296	0.3704	0.5218	0.0426	0.8561
spectf	0.6286	0.3714	0.5584	0.1165	0.8993
spectrometer	0.0755	0.0385	0.0309	0.0459	0.2585
splice-EI	0.9590	0.0410	0.9479	0.8944	0.2900
splice-IE	0.8801	0.1199	0.8238	0.6345	0.5037
sport-articles	0.8100	0.1900	0.7922	0.5808	0.6508
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.0000	0.6667	0.0000	-0.5625	0.4240
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7771	0.1486	0.7353	0.6406	0.4112
steel-b	0.8000	0.2000	0.6749	0.3450	0.7510
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9641	0.0359	0.9438	0.8846	0.1919
steel-o	0.7231	0.2769	0.6931	0.3861	0.8082
steel-p	0.9333	0.0667	0.7287	0.4051	0.4581
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9641	0.0359	0.9061	0.8093	0.4129
stellar	0.9357	0.0429	0.9223	0.8855	0.2015
stock	0.8819	0.1181	0.7976	0.5950	0.5984
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.9060	0.0940	0.9056	0.8107	0.4161
stress	0.9683	0.0127	0.9700	0.9603	0.0360
student-lifestyle	0.4050	0.2380	0.3024	0.1991	0.4154
student-depression	0.8305	0.1695	0.8244	0.6481	0.6080
student-habits	0.3900	0.2440	0.1803	0.0377	0.4681
student-weekend	0.3385	0.2646	0.2823	0.1416	0.7100
student-workday	0.6406	0.1437	0.2488	0.2532	0.5022
studentap	0.3077	0.4615	0.2643	-0.0833	0.8090
susy	0.7807	0.2193	0.7785	0.5554	0.6966
susy1%	0.7780	0.2220	0.7758	0.5496	0.6999
susy10%	0.7799	0.2201	0.7778	0.5530	0.6954
swarm_aligned	0.9992	0.0008	0.9990	0.9981	0.0106
swarm_flocking	0.9813	0.0187	0.9816	0.9625	0.1060
swarm_grouped	0.9946	0.0054	0.9942	0.9884	0.0339
tae	0.4000	0.4000	0.4686	0.1000	0.6035
telco-churn	0.8849	0.1151	0.8533	0.7066	0.5314
texture	0.7564	0.0443	0.7919	0.7322	0.1973
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tic-tac-toe	0.8421	0.1579	0.8200	0.6382	0.5971
tis	0.8826	0.1174	0.8449	0.6895	0.5493
tis10%	0.7985	0.2015	0.7205	0.4401	0.7317
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6296	0.1247	0.4385	0.5205	0.1522
tox_171	0.4706	0.2647	0.4164	0.2917	0.5241
toxicity	0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6667	0.3333	0.5343	0.0686	0.8850
trec11-wc	0.7805	0.0488	0.7217	0.7398	0.2060
trec12-wc	0.7419	0.0645	0.6800	0.6927	0.1909
trec21-wc	0.8788	0.0404	0.5806	0.7647	0.2123
trec23-wc	0.6667	0.1111	0.7409	0.5572	0.2353
trec31-wc	0.8280	0.0492	0.7386	0.7744	0.1764
trec41-wc	0.7159	0.0568	0.6366	0.6540	0.2372
trec45-wc	0.7101	0.0580	0.7167	0.6644	0.2388
tuandromd	0.9776	0.0224	0.9648	0.9292	0.1654
turkish	0.6000	0.2000	0.6269	0.4667	0.4342
tvnews	0.8837	0.1163	0.8740	0.7478	0.4912
tvnews1%	0.9000	0.1000	0.8945	0.7881	0.4488
tvnews10%	0.8574	0.1426	0.8473	0.6945	0.5608
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.6567	0.0763	0.5572	0.5985	0.2498
urinalysis	0.9510	0.0490	0.7546	0.5076	0.5542
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9007	0.0993	0.6637	0.1252	0.2140
ustilago10%	0.9709	0.0291	0.5774	0.1355	0.4650
vehicle	0.7619	0.1190	0.7119	0.6730	0.2787
vehicleVAN	0.9405	0.0595	0.9188	0.8333	0.2909
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.4545	0.0992	0.4607	0.4000	0.2970
vowelZ	0.9596	0.0404	0.8915	0.7778	0.4525
vrnormat310k-hg16-17	0.9155	0.0845	0.6619	0.2174	0.4447
wap-wc	0.6154	0.0385	0.4864	0.5782	0.3002
warpar10p	0.8462	0.0308	0.8416	0.8278	0.0553
warppie10p	0.8571	0.0286	0.8782	0.8405	0.0653
watch-acc	0.5522	0.1279	0.5628	0.4778	0.4202
watch-acc1%	0.4968	0.1438	0.5361	0.4177	0.3949
watch-acc10%	0.5471	0.1294	0.5623	0.4741	0.3941
watch-gyr	0.6027	0.1135	0.6047	0.5368	0.3885
watch-gyr1%	0.5324	0.1336	0.5717	0.4559	0.3787
watch-gyr10%	0.5950	0.1157	0.5956	0.5278	0.3858
water_pollution	0.2667	0.3667	0.1786	0.0190	0.6039
waveform	0.7780	0.1480	0.7839	0.6666	0.4414
weather-related	0.7750	0.0409	0.7134	0.7441	0.1797
web-phishing	0.8074	0.1284	0.6440	0.6533	0.4937
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.5164	0.1934	0.5715	0.3996	0.4821
white-clover	0.3478	0.3212	0.1822	-0.2082	0.3507
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9731	0.0269	0.8410	0.6693	0.3467
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4340	0.1887	0.2128	0.1030	0.4483
winequality-white	0.3149	0.1957	0.1617	0.0238	0.3619
winnipeg	0.9510	0.0140	0.7612	0.9379	0.1076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
winnipeg10%	0.9555	0.0127	0.9254	0.9437	0.1090
wisc_bc	0.9298	0.0702	0.9272	0.8521	0.3517
yale	0.4375	0.0750	0.3385	0.3975	0.1389
yeast	0.5135	0.0973	0.3305	0.3570	0.3747
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9459	0.0541	0.4861	-0.0278	0.5857
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9392	0.0608	0.4843	-0.0215	0.6129
zip	0.5742	0.0852	0.5688	0.5220	0.4242

Table 321: Detailed results for HLSV(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1663	0.0794	0.1077	0.0688	0.4778
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.8721	0.1279	0.6284	0.1221	0.2789
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9299	0.0701	0.8430	0.6323	0.1831
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8873	0.1127	0.8394	0.6688	0.4840
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.1500	0.8500	0.5350	0.0002	0.3216
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7143	0.1143	0.2111	0.1835	0.2113
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8419	0.1581	0.8240	0.6321	0.5386
anneal	0.9438	0.0225	0.7473	0.8843	0.1338
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9847	0.0076	0.9503	0.9708	0.0411
anuran-genus	0.9930	0.0017	0.9802	0.9886	0.0470
anuran-species	0.9944	0.0011	0.9932	0.9923	0.0152
anxiety	0.1000	0.2000	0.1205	-0.0150	0.8017
apple-quality	0.8750	0.1250	0.8782	0.7500	0.4702
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7500	0.2500	0.7667	0.5098	0.6824

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.6889	0.0479	0.3051	0.4140	0.1694
auction	0.9069	0.0931	0.7535	0.4444	0.4313
audiology	0.9091	0.0165	0.8707	0.8919	0.0425
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6000	0.1333	0.3857	0.4366	0.2491
avila	0.6574	0.0571	0.6671	0.5090	0.2780
babies	0.4435	0.1590	0.1474	0.1251	0.5081
balance	0.9032	0.0645	0.6228	0.8178	0.1771
bank	0.1173	0.8827	0.5282	0.0012	0.2613
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9286	0.0714	0.9228	0.8407	0.3022
basehock	0.5377	0.4623	0.6311	0.0796	0.5255
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.7000	0.0857	0.3640	0.5161	0.1378
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9138	0.0431	0.6898	0.8162	0.2379
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.8028	0.0394	0.7707	0.7612	0.1965
cardiotocography-nsp	0.9061	0.0626	0.8209	0.7277	0.2697
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6508	0.5370	0.5203
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5469	0.4531	0.5653	0.0195	0.5840
cas_N6512_RDkit_Avalon_FP	0.5506	0.4494	0.5637	0.0315	0.6259
cas_N6512_rdkit_descriptors	0.4908	0.5092	0.5297	0.0358	0.8162
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5583	0.4417	0.5467	0.0867	0.9414
cas_N6512_rdkit_LAYERED	0.5308	0.4692	0.6193	0.1171	0.6289
cas_N6512_RDkit_Layered_FP	0.5199	0.4801	0.5810	0.0928	0.7347
cas_N6512_rdkit_MACCS	0.4700	0.5300	0.6003	0.0158	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.4600	0.5400	0.4738	-0.0048	0.6166
cas_N6512_RDkit_pattern_FP	0.5291	0.4709	0.4908	-0.0081	0.7992
cas_N6512_rdkit_RDKITFP	0.5760	0.4240	0.5941	0.1726	0.8911
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7202	0.2798	0.6818	0.2751	0.6330
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6744	0.0561	0.1301
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.3045	0.6955	0.5684	0.0341	0.2123
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8040	0.1960	0.6172	0.1209	0.5587
churn-bigml	0.8989	0.1011	0.7691	0.4480	0.3356
ci900367j_MACCS	0.6947	0.3053	0.6710	0.2499	0.6479
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4587	0.3710	0.4457
cjs	0.9786	0.0071	0.9754	0.9739	0.0426
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8065	0.0968	0.5653	0.6939	0.3086
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5102	0.3265	0.4828	0.2273	0.7380
cnae-9	0.7870	0.0473	0.8176	0.7604	0.1840
codon_usage	0.9348	0.0119	0.7684	0.9206	0.1064
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9091	0.0909	0.8839	0.7674	0.4467
collins	0.6000	0.0533	0.4236	0.5495	0.1673
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.7931	0.2069	0.7797	0.4663	0.3920
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7212	0.2788	0.7304	0.4437	0.7459

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.4220	0.5780	0.6285	0.1189	0.3793
covtypeT	0.0699	0.9301	0.0653	0.0000	0.1756
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.3125	0.0344	0.2115	0.2939	0.1094
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1967	0.2678	0.1955	0.0293	0.7957
cyclopentane	0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands	0.7037	0.2963	0.7303	0.3344	0.4688
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.2403	0.7597	0.4727	-0.0104	0.5188
defect	0.8981	0.1019	0.7871	0.5308	0.4368
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.5809	0.0029	0.2659
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.5000	0.0000	0.6840
df_final	0.6250	0.2500	0.4805	0.4000	0.4520
DIA	0.8167	0.1833	0.7441	0.3529	0.3484
diabetes	0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.3289	0.2684	0.2457	0.0857	0.3514
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7810	0.1460	0.7102	0.6266	0.4260
drug-01	0.3883	0.1748	0.1292	0.0083	0.4558
drug-02	0.5160	0.1383	0.1528	0.0777	0.4162
drug-03	0.6915	0.0881	0.1172	0.0096	0.1975
drug-04	0.5479	0.1292	0.2239	0.1273	0.4669
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.4149	0.1672	0.2609	0.2515	0.4802
drug-07	0.4734	0.1505	0.1464	0.1009	0.3366

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-08	0.5798	0.1201	0.2063	0.1473	0.3217
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5266	0.1353	0.1425	0.0833	0.3913
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5904	0.1170	0.1600	0.1943	0.3997
drug-14	0.5904	0.1170	0.2505	0.2367	0.4092
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5745	0.1216	0.2502	0.2729	0.4352
drug-17	0.3617	0.1824	0.1310	0.1067	0.4695
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0053	0.2842
drybean	0.9324	0.0193	0.9430	0.9181	0.1109
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2087	-0.0535	0.8785
eeg	0.1991	0.1001	0.3390	0.1429	0.5741
eeg-eye	0.4706	0.5294	0.5924	0.0343	0.5591
eeg10%	0.4146	0.0732	0.3864	0.3470	0.5219
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6301	0.1479	0.6117	0.5158	0.3726
euthyroid	0.9304	0.0696	0.7730	0.4246	0.1765
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9558	0.0442	0.9560	0.9114	0.2398
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.5813	0.0493	0.3231	0.4983	0.2227
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6275	0.3725	0.6190	0.2204	0.8673
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.9590	0.0137	0.9552	0.9503	0.0578
gastrointestinal	0.7500	0.1667	0.7526	0.5844	0.3057
gender	0.3516	0.4323	0.3596	0.0143	0.3493
gene	0.9274	0.0484	0.9214	0.8847	0.2213
german	0.7100	0.2900	0.6608	0.2487	0.6879
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.9395	0.0605	0.9395	0.8790	0.3048
gisette	0.9700	0.0300	0.9700	0.9400	0.1813
glass	0.8095	0.0635	0.7265	0.7246	0.1432
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.2651	0.0683	0.5039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.9652	0.0058	0.8980	0.9589	0.0339
har	0.9348	0.0261	0.9332	0.9176	0.1230
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.7628	0.0678	0.4012	0.6173	0.2162
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth	0.4492	0.0918	0.0517	0.0000	0.2692
harth1%	0.7033	0.0495	0.4664	0.6101	0.2267
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9500	0.0500	0.9415	0.8825	0.2748
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.5000	0.5000	0.5206	0.0328	0.9073
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.0577	0.0191	0.3180
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.6341	0.3659	0.7110	0.2985	0.5040
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6389	0.2407	0.4438	0.3077	0.4469
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.4600	0.3600	0.5033	0.1851	0.5875
htru2	0.9804	0.0196	0.9388	0.8739	0.1597
hypothyroid	0.9416	0.0292	0.5772	0.5648	0.2314
hypothyroidT	0.9549	0.0451	0.8202	0.5658	0.1285
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9474	0.0040	0.9480	0.9453	0.0503
jm1	0.8026	0.1974	0.5851	0.1102	0.6671
jvowels	0.9940	0.0013	0.9941	0.9932	0.0118
kc1	0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1820	0.2337	0.1878	0.0356	0.4225
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup981%	0.6526	0.3474	0.5734	0.0684	0.3459
kddcup9810%	0.6492	0.3508	0.5154	0.0140	0.3483
kddcup991%	0.9986	0.0002	0.9669	0.9976	0.0026
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.4029	0.0664	0.4266	0.3332	0.4465
krvskp	0.9404	0.0596	0.9403	0.8806	0.3025
la1s-wc	0.5683	0.1439	0.5706	0.4585	0.4868
la2s-wc	0.5728	0.1424	0.5609	0.4304	0.3959
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6176	0.0332	0.5877	0.5989	0.0913
led24	0.6000	0.0800	0.6016	0.5518	0.1953
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9435	0.0043	0.9439	0.9412	0.0631
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8611	0.0185	0.8500	0.8507	0.0641
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9532	0.0468	0.9500	0.9000	0.2603
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.2166	0.1424	0.1535	0.0807	0.4133
lrs	0.8868	0.0226	0.4553	0.8434	0.0597
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.5231	0.4769	0.5409	0.0462	0.7920
magic04	0.6828	0.3172	0.6548	0.1257	0.5012
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8750	0.1250	0.8752	0.7497	0.4989
marketing	0.8929	0.1071	0.7603	0.3901	0.2412
maternal	0.6436	0.2376	0.6473	0.4507	0.5359
math	0.8000	0.1000	0.7750	0.6819	0.2514
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2100	0.3160	0.2249	0.0121	0.8258
messidor	0.6783	0.3217	0.6771	0.3529	0.8440
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.7541	0.4684	0.2448
meter-D	0.6111	0.1944	0.4983	0.4350	0.3043
mfeat-fac	0.9850	0.0030	0.9854	0.9833	0.0188
mfeat-fou	0.8200	0.0360	0.8226	0.8000	0.1409
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7300	0.0540	0.7335	0.7000	0.1847
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-zer	0.8200	0.0360	0.8238	0.8000	0.0963
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9340	0.0440	0.9259	0.8987	0.1587
mines	0.5000	0.2000	0.4451	0.3745	0.3873
mobile	0.8706	0.0046	0.8795	0.8683	0.0590
monks-1	0.8364	0.1636	0.8415	0.6715	0.5468
monks-2	0.7377	0.2623	0.6934	0.3278	0.6738
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9424	0.0576	0.8833	0.7449	0.2318
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5875	0.4125	0.6175	0.0134	0.5060
MUT_ci300400a_cdk_EXTENDED	0.5779	0.4221	0.4998	-0.0001	0.6838
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4472	0.5528	0.5819	0.0407	0.5831
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.5772	0.4228	0.5022	0.0014	0.7206
MUT_ci300400a_rdkit_descriptors	0.6604	0.3396	0.6480	0.2941	0.8716
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5015	0.4985	0.6005	0.0007	0.5281
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8910	0.0115	0.2831	0.6675	0.1795
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4876	0.5124	0.5334	0.0284	0.7355
NHANES_age_prediction	0.9692	0.0308	0.9408	0.8804	0.2295
nomao	0.8224	0.1776	0.7734	0.4785	0.4737
NPHA-doctor-visits	0.5000	0.3333	0.3046	-0.0165	0.5418
nursery	0.9769	0.0116	0.9573	0.9660	0.0434
obesity	0.8768	0.0352	0.8729	0.8561	0.1497
obs	0.8148	0.0926	0.8404	0.7162	0.2509
occupancy	0.9893	0.0107	0.9854	0.9704	0.1237
Occupancy_Estimation	0.9921	0.0039	0.9747	0.9760	0.0472
oh0-wc	0.3564	0.1287	0.2436	0.2134	0.3434
oh10-wc	0.3810	0.1238	0.2031	0.2647	0.3489
oh15-wc	0.3370	0.1326	0.1027	0.1974	0.3277
oh5-wc	0.3187	0.1363	0.2119	0.1888	0.3435
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.2936	0.7064	0.5790	0.0469	0.2662
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9804	0.0039	0.9821	0.9782	0.0267
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.7924	0.5714	0.6107
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.8255	0.8243	0.1539
parkinson	0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons	0.8152	0.1848	0.8017	0.6026	0.6465
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7185	0.2815	0.5357	0.0056	0.4963
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia	0.6176	0.1092	0.5506	0.5268	0.3455
pendigits	0.9936	0.0013	0.9937	0.9929	0.0122
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.6764	0.3236	0.6467	0.1864	0.6421
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.9050	0.0950	0.8937	0.7701	0.3112
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.9992	0.0008	0.9991	0.9983	0.0077
phone-acc	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%	0.7182	0.0805	0.6703	0.6699	0.1925
phone-acc1%	0.6450	0.1014	0.6056	0.5814	0.2278
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%	0.4580	0.1549	0.5245	0.3657	0.3302
phone-gyr1%	0.4535	0.1562	0.5133	0.3638	0.4471
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7000	0.3000	0.5612	0.1015	0.8359
phy	0.5040	0.4960	0.5049	0.0094	0.9858
pima	0.6974	0.3026	0.6719	0.3150	0.7801
pirvision	0.9935	0.0044	0.9885	0.9792	0.0396
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.7889	0.5778	0.6844
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9449	0.0551	0.4858	-0.0039	0.3179
polish-5th	0.9306	0.0694	0.5966	0.0403	0.2959
polya	0.6768	0.3232	0.6505	0.3009	0.8592
popularity	0.3390	0.4407	0.3455	0.0167	0.4363
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6373	0.2647	0.8720
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.3939	0.0932	0.2627	0.3189	0.2833
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9565	0.0174	0.9472	0.9417	0.0866
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5008	0.4992	0.5008	0.0016	0.9994
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.5600	0.0677	0.2005	0.3147	0.2712
re1-wc	0.3614	0.0511	0.0751	0.1886	0.3192
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.4180	0.5820	0.5704	0.0131	0.5472
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8989	0.0337	0.8839	0.8749	0.1541
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9160	0.0840	0.7943	0.5834	0.5924
scadi	0.5714	0.1714	0.4346	0.4474	0.2170
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9307	0.0198	0.9387	0.9190	0.0809
segmentation	0.8713	0.1287	0.8618	0.7229	0.5298
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-9-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.1817	0.8183	0.5249	0.0062	0.3575
shuttle	0.9986	0.0004	0.8615	0.9961	0.1327
sick	0.9523	0.0477	0.7681	0.4513	0.2772
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9947	0.0053	0.9921	0.9840	0.0796
smarket	0.9520	0.0480	0.9522	0.9039	0.2530
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6842	0.3158	0.6960	0.3523	0.7434
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1800	0.3280	0.1789	-0.0310	0.7401
solar-flare	0.7410	0.0863	0.5734	0.6658	0.2028

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9000	0.1000	0.8965	0.7925	0.4428
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.6346	0.0271	0.4940	0.6116	0.1278
splice-EI	0.9716	0.0284	0.9630	0.9257	0.2218
splice-IE	0.9306	0.0694	0.9031	0.8061	0.3945
sport-articles	0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5676	0.2882	0.4260	0.1793	0.4935
steel-b	0.8615	0.1385	0.7797	0.5552	0.6149
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8000	0.2000	0.7736	0.5425	0.6751
steel-p	0.9231	0.0769	0.6576	0.1895	0.4020
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8889	0.1111	0.7920	0.5583	0.4961
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8740	0.1260	0.8743	0.7417	0.4691
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4600	0.2160	0.2111	0.1412	0.4443
student-weekend	0.4000	0.2400	0.2170	0.0956	0.4814
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.3544	0.1250	0.4353
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5886	0.4114	0.6333	0.1108	0.5726
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.9927	0.0013	0.9933	0.9920	0.0114
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7734	0.2266	0.6394	0.1729	0.5964
tis10%	0.8284	0.1716	0.7510	0.4116	0.4517
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.4516	0.1828	0.2615	0.1611	0.3844
trec41-wc	0.5114	0.0977	0.1859	0.3676	0.2940
trec45-wc	0.3043	0.1391	0.1995	0.1468	0.3798
tuandromd	0.9798	0.0202	0.9701	0.9391	0.2079
turkish	0.8250	0.0875	0.8244	0.7667	0.1948
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%	0.6947	0.3053	0.6591	0.2308	0.6664
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9646	0.0354	0.6787	0.0690	0.1045
urban	0.8060	0.0431	0.8235	0.7718	0.1448
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7857	0.1071	0.7463	0.7102	0.2066
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6465	0.0643	0.6868	0.6111	0.1870
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.4551	0.0545	0.2607	0.3666	0.2448
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.5552	0.1271	0.5562	0.4806	0.3185
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2567	0.3717	0.2460	0.0105	0.7655
waveform	0.8360	0.1093	0.8363	0.7540	0.3753
weather-related	0.9615	0.0070	0.9633	0.9563	0.0416
web-phishing	0.8444	0.1037	0.6989	0.7204	0.4459
Weekly	0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift	0.5811	0.1675	0.6633	0.4845	0.3264
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9876	0.0124	0.9305	0.8508	0.0472
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6415	0.1195	0.3062	0.4105	0.3521
winequality-white	0.4724	0.1507	0.2377	0.2127	0.4665
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.9954	0.0013	0.9963	0.9942	0.0104
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7496	0.7322	0.0687
yeast	0.5541	0.0892	0.3682	0.4239	0.3513
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9667	0.0067	0.9640	0.9627	0.0564

Table 322: Detailed results for HLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0940	0.0863	0.0173	-0.0208	0.4427
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.8721	0.1279	0.6284	0.1221	0.2789
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9299	0.0701	0.8430	0.6323	0.1831
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8873	0.1127	0.8394	0.6688	0.4840
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7619	0.0952	0.4987	0.3512	0.1917
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8419	0.1581	0.8240	0.6321	0.5386
anneal	0.9438	0.0225	0.7520	0.8826	0.1411
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9861	0.0070	0.9531	0.9735	0.0381
anuran-genus	0.9875	0.0031	0.9384	0.9794	0.0563
anuran-species	0.9931	0.0014	0.9862	0.9903	0.0269
anxiety	0.1167	0.1963	0.1079	0.0036	0.7934
apple-quality	0.8750	0.1250	0.8782	0.7500	0.4702
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7500	0.2500	0.7667	0.5098	0.6824

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.6889	0.0479	0.3051	0.4140	0.1694
auction	0.9069	0.0931	0.7535	0.4444	0.4313
audiology	0.9091	0.0165	0.9478	0.8927	0.0531
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6000	0.1333	0.3638	0.4521	0.2753
avila	0.5050	0.0825	0.4684	0.2578	0.4837
babies	0.4274	0.1636	0.1732	0.1314	0.5625
balance	0.9194	0.0538	0.6345	0.8482	0.1177
bank	0.1173	0.8827	0.5282	0.0012	0.2613
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9286	0.0714	0.9228	0.8407	0.3022
basehock	0.5377	0.4623	0.6311	0.0796	0.5255
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.7738	0.7800	0.0411
bridges	0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8966	0.0517	0.6444	0.7772	0.2576
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7887	0.0423	0.7688	0.7443	0.2106
cardiotocography-nsp	0.9108	0.0595	0.8264	0.7390	0.2526
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.5987	0.4781	0.5579
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.5506	0.4494	0.5887	0.0295	0.5657
cas_N6512_rdkit_AVALON	0.5469	0.4531	0.5653	0.0195	0.5840
cas_N6512_RDkit_Avalon_FP	0.5506	0.4494	0.5637	0.0315	0.6259
cas_N6512_rdkit_descriptors	0.4908	0.5092	0.5297	0.0358	0.8162
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5583	0.4417	0.5467	0.0867	0.9414
cas_N6512_rdkit_LAYERED	0.5308	0.4692	0.6193	0.1171	0.6289
cas_N6512_RDkit_Layered_FP	0.5199	0.4801	0.5810	0.0928	0.7347
cas_N6512_rdkit_MACCS	0.4700	0.5300	0.6003	0.0158	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.4600	0.5400	0.4738	-0.0048	0.6166
cas_N6512_RDkit_pattern_FP	0.5291	0.4709	0.4908	-0.0081	0.7992
cas_N6512_rdkit_RDKITFP	0.5760	0.4240	0.5941	0.1726	0.8911
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.0183	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7202	0.2798	0.6818	0.2751	0.6330
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6744	0.0561	0.1301
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.3045	0.6955	0.5684	0.0341	0.2123
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8040	0.1960	0.6172	0.1209	0.5587
churn-bigml	0.8989	0.1011	0.7691	0.4480	0.3356
ci900367j_MACCS	0.6947	0.3053	0.6710	0.2499	0.6479
circles	0.9890	0.0002	0.9906	0.9889	0.0042
cirrhosis	0.6905	0.2063	0.4587	0.3710	0.4457
cjs	0.9679	0.0107	0.9567	0.9607	0.0538
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7833	0.1083	0.5469	0.6597	0.3405
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4793	0.1953	0.7293
cnae-9	0.9167	0.0185	0.9221	0.9062	0.0833
codon_usage	0.9348	0.0119	0.7696	0.9204	0.0910
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9091	0.0909	0.8839	0.7674	0.4467
collins	0.5200	0.0640	0.4404	0.4599	0.2202
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.7931	0.2069	0.7797	0.4663	0.3920
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7212	0.2788	0.7304	0.4437	0.7459

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.4220	0.5780	0.6285	0.1189	0.3793
covtypeT	0.0699	0.9301	0.0653	0.0000	0.1756
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4688	0.0266	0.3409	0.4555	0.0749
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.1291	-0.0024	0.7504
cyclopentane	0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands	0.7037	0.2963	0.7303	0.3344	0.4688
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
day1%	0.3581	0.6419	0.2637	0.0000	0.5110
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.2403	0.7597	0.4727	-0.0104	0.5188
defect	0.8981	0.1019	0.7871	0.5308	0.4368
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.5809	0.0029	0.2659
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.5000	0.0000	0.6840
df_final	0.5625	0.2917	0.4290	0.3000	0.5195
DIA	0.8167	0.1833	0.7441	0.3529	0.3484
diabetes	0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.1120	0.5920	0.0673	-0.0005	0.4099
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9333	0.0333	0.8999	0.9066	0.0687
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7359	0.1761	0.6999	0.5744	0.4775
drug-01	0.3883	0.1748	0.0799	-0.0154	0.3412
drug-02	0.5160	0.1383	0.2166	0.0787	0.4618
drug-03	0.6968	0.0866	0.1491	0.0548	0.1998
drug-04	0.5426	0.1307	0.2371	0.1157	0.4828
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.3883	0.1748	0.2371	0.2296	0.6323

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-07	0.3883	0.1748	0.1297	0.0150	0.3554
drug-08	0.5745	0.1216	0.1807	0.1202	0.2894
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5266	0.1353	0.1843	0.1245	0.5773
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5851	0.1185	0.1754	0.1594	0.4378
drug-14	0.5957	0.1155	0.2880	0.2254	0.5114
drug-15	0.7606	0.0684	0.1700	0.0708	0.3125
drug-16	0.5851	0.1185	0.2775	0.2948	0.4681
drug-17	0.3617	0.1824	0.1758	0.1011	0.5487
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0053	0.2842
drybean	0.7656	0.0670	0.8779	0.7202	0.1321
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2200	0.3900	0.2235	-0.0432	0.8607
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.4706	0.5294	0.5884	0.0340	0.5666
eeg10%	0.1878	0.1015	0.1500	0.0646	0.4553
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6027	0.1589	0.5550	0.4726	0.4001
euthyroid	0.9304	0.0696	0.7730	0.4246	0.1765
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9558	0.0442	0.9560	0.9114	0.2398
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.7927	0.0244	0.6646	0.7608	0.1205
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6275	0.3725	0.6190	0.2204	0.8673
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.9209	0.0264	0.9210	0.9041	0.0759
gastrointestinal	0.6875	0.2083	0.5133	0.4737	0.3707
gender	0.3747	0.4168	0.3387	0.0202	0.4287
gene	0.9338	0.0442	0.9277	0.8938	0.2022
german	0.7100	0.2900	0.6608	0.2487	0.6879
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9395	0.0605	0.9395	0.8790	0.3048
gisette	0.9700	0.0300	0.9700	0.9400	0.1813
glass	0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
grub-damage	0.4667	0.2667	0.4031	0.2593	0.4786
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.9643	0.0059	0.8801	0.9578	0.0331
har	0.7885	0.0846	0.8014	0.7286	0.2136
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7717	0.0652	0.3996	0.6286	0.1855
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.4996	0.0834	0.3333	0.3788	0.2805
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9500	0.0500	0.9415	0.8825	0.2748
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.5000	0.5000	0.5206	0.0328	0.9073
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1529	0.0314	0.3562
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.6341	0.3659	0.7110	0.2985	0.5040
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6389	0.2407	0.5961	0.3362	0.4725
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9804	0.0196	0.9388	0.8739	0.1597
hypothyroid	0.9416	0.0292	0.5986	0.5499	0.1691
hypothyroidT	0.9549	0.0451	0.8202	0.5658	0.1285
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9538	0.0036	0.9545	0.9519	0.0427
jm1	0.8026	0.1974	0.5851	0.1102	0.6671
jvowels	0.9869	0.0029	0.9865	0.9852	0.0234
kc1	0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1546	0.2415	0.1543	0.0029	0.4010

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup981%	0.9053	0.0947	0.4751	-0.0491	0.6630
kddcup9810%	0.9141	0.0859	0.4898	-0.0198	0.6661
kddcup991%	0.9988	0.0002	0.9695	0.9979	0.0024
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.1922	0.0898	0.1821	0.1065	0.4829
krvskp	0.9404	0.0596	0.9403	0.8806	0.3025
la1s-wc	0.3873	0.2042	0.2812	0.1845	0.4356
la2s-wc	0.2848	0.2384	0.2476	0.0438	0.3647
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6053	0.6600	0.0862
led24	0.6500	0.0700	0.5833	0.6000	0.1775
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9285	0.0055	0.9305	0.9256	0.0811
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.9167	0.0111	0.9277	0.9106	0.0365
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9532	0.0468	0.9500	0.9000	0.2603
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1456	0.1553	0.0908	0.0444	0.4938
lrs	0.8679	0.0264	0.4478	0.8162	0.0771
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.5231	0.4769	0.5409	0.0462	0.7920
magic04	0.6828	0.3172	0.6548	0.1257	0.5012
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8750	0.1250	0.8752	0.7497	0.4989
marketing	0.8929	0.1071	0.7603	0.3901	0.2412
maternal	0.6436	0.2376	0.6438	0.4502	0.5228
math	0.7500	0.1250	0.5901	0.5935	0.2679
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2033	0.3187	0.1495	-0.0064	0.5862
messidor	0.6783	0.3217	0.6771	0.3529	0.8440
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.8726	0.7702	0.1741
meter-D	0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-fou	0.8200	0.0360	0.8175	0.8000	0.1365
mfeat-kar	0.9750	0.0050	0.9758	0.9722	0.0316
mfeat-mor	0.7500	0.0500	0.7489	0.7222	0.1665
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-zer	0.8200	0.0360	0.8175	0.8000	0.0786
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9434	0.0377	0.9337	0.9131	0.1271
mines	0.5294	0.1882	0.4606	0.4087	0.4374
mobile	0.8287	0.0061	0.8267	0.8255	0.0769
monks-1	0.8364	0.1636	0.8415	0.6715	0.5468
monks-2	0.7377	0.2623	0.6934	0.3278	0.6738
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9424	0.0576	0.8833	0.7449	0.2318
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5875	0.4125	0.6175	0.0134	0.5060
MUT_ci300400a_cdk_EXTENDED	0.5779	0.4221	0.4998	-0.0001	0.6838
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4472	0.5528	0.5819	0.0407	0.5831
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.5772	0.4228	0.5022	0.0014	0.7206
MUT_ci300400a_rdkit_descriptors	0.6604	0.3396	0.6480	0.2941	0.8716
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5015	0.4985	0.6005	0.0007	0.5281
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8691	0.0138	0.2549	0.5452	0.0972
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0105	0.0450	0.0005	0.0000	0.4162
newspop	0.4876	0.5124	0.5334	0.0284	0.7355
NHANES_age_prediction	0.9692	0.0308	0.9408	0.8804	0.2295
nomao	0.8224	0.1776	0.7734	0.4785	0.4737
NPHA-doctor-visits	0.5139	0.3241	0.3309	0.0183	0.5343
nursery	0.8688	0.0656	0.8700	0.8065	0.1155
obesity	0.8009	0.0569	0.7961	0.7676	0.1944
obs	0.8333	0.0833	0.8653	0.7495	0.2497
occupancy	0.9893	0.0107	0.9854	0.9704	0.1237
Occupancy_Estimation	0.9921	0.0039	0.9747	0.9760	0.0472
oh0-wc	0.7822	0.0436	0.7625	0.7466	0.1701
oh10-wc	0.6952	0.0610	0.6372	0.6508	0.2607
oh15-wc	0.7391	0.0522	0.7331	0.6994	0.2140
oh5-wc	0.8022	0.0396	0.8111	0.7746	0.1631
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.2936	0.7064	0.5790	0.0469	0.2662
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9804	0.0039	0.9819	0.9782	0.0281
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.7924	0.5714	0.6107
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9671	0.0132	0.8201	0.8005	0.1893
parkinson	0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons	0.8152	0.1848	0.8017	0.6026	0.6465
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.7185	0.2815	0.5357	0.0056	0.4963
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia	0.6176	0.1092	0.5566	0.5347	0.3564
pendigits	0.9909	0.0018	0.9910	0.9899	0.0169
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.6764	0.3236	0.6467	0.1864	0.6421
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9050	0.0950	0.8937	0.7701	0.3112
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.4870	0.1466	0.5007	0.4056	0.4054
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr0.1%	0.3367	0.1895	0.3450	0.2230	0.4504
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7000	0.3000	0.5612	0.1015	0.8359
phy	0.5030	0.4970	0.5073	0.0004	0.5571
pima	0.6974	0.3026	0.6719	0.3150	0.7801
pirvision	0.9922	0.0052	0.9863	0.9751	0.0533
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.7889	0.5778	0.6844
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5005	0.1427	0.1463	0.0036	0.2201
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
polya	0.6768	0.3232	0.6505	0.3009	0.8592
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6373	0.2647	0.8720
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4545	0.0839	0.3792	0.3832	0.2548
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8974	0.0410	0.9094	0.8626	0.1183
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5008	0.4992	0.5008	0.0016	0.9994
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.0019	0.0487	0.0001	0.0000	0.3465
re0-wc	0.6467	0.0544	0.3137	0.4679	0.2301
re1-wc	0.6687	0.0265	0.3948	0.6097	0.2098
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.0012	0.0416	0.0001	0.0000	0.2549
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.4180	0.5820	0.5704	0.0131	0.5472
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8958	0.0347	0.8839	0.8715	0.1638
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9160	0.0840	0.7943	0.5834	0.5924
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9091	0.0260	0.9180	0.8937	0.0958
segmentation	0.8713	0.1287	0.8618	0.7229	0.5298
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.1817	0.8183	0.5249	0.0062	0.3575
shuttle	0.9990	0.0003	0.8832	0.9971	0.1172
sick	0.9523	0.0477	0.7681	0.4513	0.2772
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9947	0.0053	0.9921	0.9840	0.0796
smarket	0.9520	0.0480	0.9522	0.9039	0.2530
smart-farming	0.1800	0.4100	0.1300	-0.1045	0.7770
smk_can_187	0.6842	0.3158	0.6960	0.3523	0.7434
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2100	0.3160	0.1563	0.0118	0.6681

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
solar-flare	0.7626	0.0791	0.6088	0.6947	0.1783
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9000	0.1000	0.8965	0.7925	0.4428
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.5000	0.0370	0.3819	0.4671	0.1662
splice-EI	0.9716	0.0284	0.9630	0.9257	0.2218
splice-IE	0.9306	0.0694	0.9031	0.8061	0.3945
sport-articles	0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.2480	0.5013	0.3800	0.0092	0.6113
steel-b	0.8615	0.1385	0.7797	0.5552	0.6149
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8051	0.1949	0.7792	0.5526	0.6617
steel-p	0.9179	0.0821	0.6255	0.1729	0.5109
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8889	0.1111	0.7920	0.5583	0.4961
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.8740	0.1260	0.8743	0.7417	0.4691
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3900	0.2440	0.2197	0.0431	0.5851
student-weekend	0.4000	0.2400	0.2800	0.1493	0.6315
student-workday	0.7188	0.1125	0.2662	0.1090	0.2152
studentap	0.5385	0.3077	0.5178	0.2778	0.3127
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5886	0.4114	0.6333	0.1108	0.5726
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5755	0.3000	0.5012
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9909	0.0017	0.9914	0.9900	0.0144
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8284	0.1716	0.7510	0.4116	0.4517
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.5748	0.1220	0.7901
trec11-wc	0.8293	0.0379	0.6556	0.7853	0.1201
trec12-wc	0.8387	0.0403	0.8782	0.7997	0.0960

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec21-wc	0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc	0.7143	0.0952	0.5552	0.5532	0.2012
trec31-wc	0.7957	0.0681	0.7525	0.7125	0.2048
trec41-wc	0.6932	0.0614	0.4816	0.6142	0.2034
trec45-wc	0.7246	0.0551	0.6184	0.6740	0.1893
tuandromd	0.9798	0.0202	0.9701	0.9391	0.2079
turkish	0.8500	0.0750	0.8491	0.8000	0.2009
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%	0.6947	0.3053	0.6591	0.2308	0.6664
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9646	0.0354	0.6787	0.0690	0.1045
urban	0.8358	0.0365	0.8546	0.8075	0.1267
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7857	0.1071	0.7361	0.7087	0.2356
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5960	0.0735	0.6392	0.5556	0.2095
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.8013	0.0199	0.5734	0.7762	0.1261
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1796	0.2344	0.2055	0.0399	0.6477
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2400	0.3800	0.0968	-0.0088	0.4444
waveform	0.8320	0.1120	0.8326	0.7481	0.3778
weather-related	0.9327	0.0122	0.9383	0.9235	0.0715
web-phishing	0.8370	0.1086	0.6940	0.7075	0.4576
Weekly	0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift	0.3017	0.2793	0.3600	0.1449	0.5479
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9876	0.0124	0.9305	0.8508	0.0472
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6289	0.1237	0.3059	0.3902	0.3988
winequality-white	0.4274	0.1636	0.2101	0.0853	0.4000
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9957	0.0012	0.9966	0.9946	0.0112
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5541	0.0892	0.3637	0.4246	0.3626
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9624	0.0075	0.9590	0.9578	0.0627

Table 323: Detailed results for HMBSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1590	0.0801	0.1206	0.0795	0.6566
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.9726	0.0274	0.9414	0.8808	0.2032
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.7937	0.2063	0.5138	0.0256	0.6518
AID_1431_KlekotaRothFingerprinter	0.8571	0.1429	0.4615	-0.0728	0.7372
AID_1431_MACCSFingerprinter	0.5635	0.4365	0.5870	0.0913	0.4271
AID_1878	0.6952	0.3048	0.5768	0.1468	0.7853
AID_602330	0.8698	0.1302	0.5509	0.0826	0.4992
AID_652128	0.7980	0.1347	0.4214	0.1153	0.6380
AID1284Morered	0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red	0.7500	0.2500	0.5180	0.0357	0.7748
AID1608Morered	0.8641	0.1359	0.4635	-0.0729	0.6742
AID1608red	0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9910	0.0090	0.4977	-0.0040	0.4041
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	1.0000	0.0000	1.0000	1.0000	0.0000
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.6714	0.3286	0.6772	0.3147	0.7267
air_pollution	0.2267	0.2210	0.1366	-0.0060	0.9234
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8190	0.0724	0.6722	0.6496	0.3351
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6279	0.3721	0.6626	0.2915	0.7847
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	0.8649	0.1351	0.8496	0.6542	0.5068
anuran-f-b	0.9958	0.0042	0.9082	0.7980	0.4644
anuran-family	0.9889	0.0056	0.9554	0.9788	0.0414
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.9917	0.0017	0.9787	0.9884	0.0369
anxiety	0.1417	0.1907	0.1507	0.0341	0.7828
apple-quality	0.9050	0.0950	0.9051	0.8100	0.4167
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.2444	0.1162	0.1257	0.0744	0.5011
auction	0.9412	0.0588	0.8559	0.6955	0.3452

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.5000	0.0909	0.1839	0.3665	0.2401
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.8966	0.1034	0.8976	0.7933	0.4336
autos	0.8500	0.0500	0.7266	0.8000	0.1328
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.2823	0.2051	0.1861	0.0272	0.7527
balance	0.8548	0.0968	0.7323	0.7509	0.3628
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria	0.8295	0.1705	0.8280	0.6473	0.5979
basehock	0.9598	0.0402	0.9602	0.9196	0.2177
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8571	0.1429	0.8569	0.7070	0.5380
biomed	0.9048	0.0952	0.8990	0.7981	0.4308
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.5000	0.5000	0.5000	0.0000	0.8803
breast-cancer-co	0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.4545	0.1818	0.4144	0.3265	0.3239
bridges	0.0000	0.2857	0.0000	-0.3333	0.5715
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.3000	0.7000	0.2308	0.0000	0.4809
caesarian	0.5000	0.5000	0.4667	-0.0667	0.9927
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9655	0.0172	0.8826	0.9260	0.0744
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography	0.7418	0.0516	0.6970	0.6882	0.3049
cardiotocography-nsp	0.8920	0.0720	0.7747	0.6720	0.3290
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.4340	0.3773	0.3514	0.1607	0.5937
cars	0.6750	0.2167	0.5829	0.3839	0.6496
cas_N6512_cdk_ECFP2	0.7773	0.2227	0.7755	0.5506	0.7060
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.7270	0.2730	0.7244	0.4460	0.7796
cas_N6512_rdkit_AVALON	0.7819	0.2181	0.7802	0.5602	0.6983
cas_N6512_RDkit_Avalon_FP	0.7868	0.2132	0.7857	0.5714	0.6898
cas_N6512_rdkit_descriptors	0.7462	0.2538	0.7446	0.4892	0.7572
cas_N6512_rdkit_FEATMORGAN	0.7773	0.2227	0.7766	0.5530	0.7055
cas_N6512_RDkit_Featmorgan_FP	0.7822	0.2178	0.7809	0.5618	0.6980
cas_N6512_RDkit_FP	0.7546	0.2454	0.7526	0.5021	0.7363
cas_N6512_rdkit_LAYERED	0.7215	0.2785	0.7202	0.4404	0.7928
cas_N6512_RDkit_Layered_FP	0.7331	0.2669	0.7309	0.4613	0.7761
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.7846	0.2154	0.7829	0.5650	0.6919
cas_N6512_RDkit_morgan_FP	0.7853	0.2147	0.7837	0.5672	0.6922

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7754	0.2246	0.7738	0.5474	0.7097
cas_N6512_RDkit_pattern_FP	0.7684	0.2316	0.7667	0.5333	0.7214
cas_N6512_rdkit_RDKITFP	0.7389	0.2611	0.7367	0.4728	0.7672
cas_N6512_rdkit_TORSION	0.7477	0.2523	0.7467	0.4933	0.7541
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7668	0.2332	0.7369	0.4696	0.7370
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9186	0.0814	0.7387	0.4245	0.5608
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9971	0.0029	0.6660	0.2845	0.4648
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8876	0.1124	0.7796	0.5590	0.6192
ci900367j_MACCS	0.6842	0.3158	0.6683	0.3363	0.8459
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.5476	0.3016	0.4947	0.2356	0.6955
cjs	0.9893	0.0036	0.9852	0.9869	0.0200
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.8800	0.1200	0.6001	0.1892	0.6967
cmc	0.5238	0.3175	0.4944	0.2566	0.7345
cnae-9	0.9167	0.0185	0.9203	0.9062	0.0883
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.8052	0.1948	0.7748	0.5429	0.6816
collins	0.4600	0.0720	0.3452	0.3971	0.2926
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6207	0.3793	0.6107	0.2162	0.8800
colposcopies-2	0.5517	0.4483	0.5155	0.0308	0.9708
colposcopies-3	0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4	0.2759	0.7241	0.2162	0.0000	0.4638
colposcopies-5	0.1724	0.8276	0.1471	0.0000	0.3547
colposcopies-6	0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c	0.2414	0.7586	0.1944	0.0000	0.4342
column-2c	0.9032	0.0968	0.8916	0.7597	0.2605
column-3c	0.7742	0.1505	0.7555	0.6483	0.4290
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.6562	0.3438	0.6580	0.3133	0.8660
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.4375	0.0281	0.3132	0.4217	0.1158
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1633	0.2789	0.1621	-0.0041	0.8886
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.8148	0.1852	0.8248	0.6337	0.5871
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.7692	0.2308	0.7292	0.3158	0.4422
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.1605	0.8395	0.1383	0.0000	0.3379
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.7832	0.2168	0.5777	0.1535	0.7999
dermatology	0.1892	0.2703	0.0530	0.0000	0.3795
desharnais	0.3750	0.4167	0.2727	-0.1111	0.5095
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.6500	0.3500	0.6551	0.2759	0.7509
diabetes	0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5784	0.2810	0.5418	0.2683	0.6729
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.9333	0.0333	0.9242	0.9079	0.1251
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.6953	0.2032	0.6304	0.5035	0.5854
drug-01	0.2394	0.2173	0.1439	0.0136	0.8506
drug-02	0.4202	0.1657	0.2163	0.1407	0.7890
drug-03	0.4362	0.1611	0.1616	0.0597	0.7513
drug-04	0.4362	0.1611	0.2197	0.1277	0.7759
drug-05	0.4787	0.1489	0.1435	-0.0114	0.8537
drug-06	0.2819	0.2052	0.2099	0.1278	0.7606
drug-07	0.2819	0.2052	0.1284	-0.0040	0.7195
drug-08	0.3457	0.1869	0.1696	0.0820	0.8038
drug-09	0.5372	0.1322	0.1550	0.0457	0.5399
drug-10	0.3830	0.1763	0.2051	0.0955	0.8098
drug-11	0.6649	0.0957	0.2179	0.1335	0.7980
drug-12	0.4947	0.1444	0.1730	0.0546	0.7130
drug-13	0.4255	0.1641	0.1951	0.1446	0.8371
drug-14	0.4043	0.1702	0.2018	0.1061	0.7605
drug-15	0.6330	0.1049	0.1827	0.1350	0.8716
drug-16	0.3351	0.1900	0.2064	0.0996	0.7892
drug-17	0.2766	0.2067	0.1925	0.0923	0.7893

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-18	0.0053	0.9947	0.0053	0.0000	0.0152
drug-19	0.4947	0.1444	0.1550	0.0321	0.7172
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.5882	0.1373	0.4703	0.4413	0.4169
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7576	0.2424	0.6700	0.3400	0.7915
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce	0.1900	0.4050	0.1897	-0.0799	0.8976
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.9039	0.0961	0.9029	0.8058	0.4234
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5068	0.1973	0.4992	0.3681	0.4876
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4700	0.5300	0.4703	-0.0593	1.0000
farm-ads	0.8937	0.1063	0.8932	0.7860	0.4484
fbis-wc	0.7520	0.0292	0.6933	0.7180	0.2313
fertility	0.5000	0.5000	0.6454	0.1379	0.3467
finance	0.8235	0.1765	0.8228	0.6450	0.6189
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9303	0.9208	0.0349
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.8654	0.0673	0.8600	0.8133	0.1624
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.4842	0.3439	0.3850	0.0740	0.7601
gene	0.2524	0.4984	0.1343	0.0000	0.4017
german	0.6600	0.3400	0.6168	0.2325	0.8854
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.5238	0.1587	0.6866	0.3519	0.3778
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.0909	0.9091	0.0833	0.0000	0.2192
glassNW	0.2381	0.7619	0.1923	0.0000	0.4310
glassTableware	0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP	0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM	0.6316	0.3684	0.6438	0.2732	0.8562
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8571	0.1429	0.8547	0.7085	0.5490
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.4667	0.2667	0.4854	0.2814	0.5208
gsalc	0.6667	0.1111	0.5542	0.5909	0.1325
haberman	0.7000	0.3000	0.5682	0.1290	0.8673
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.0898	0.2601	0.0235	0.0000	0.3024
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.5000	0.3333	0.3720	0.1634	0.5734

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.1100	0.4450	0.0801	-0.0004	0.4049
heart	0.6296	0.3704	0.6433	0.2742	0.8549
heart-attack	0.6129	0.3871	0.6688	0.2648	0.7088
heart-c	0.8333	0.1667	0.8341	0.6667	0.5937
heart-failure	0.9640	0.0360	0.9586	0.9170	0.2357
heart-quantum	0.7200	0.2800	0.7083	0.4167	0.8017
hepatitis	0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.5309	0.4691	0.3468	0.0000	0.5229
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.6562	0.3438	0.6818	0.3282	0.7742
hiv1-proteasa	0.9106	0.0894	0.8346	0.6667	0.5056
hiva	0.9480	0.0520	0.6199	0.2397	0.6145
horse	0.5556	0.2963	0.3848	0.1676	0.5505
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.7579	0.2421	0.5036	0.0073	0.7824
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9771	0.0229	0.9283	0.8540	0.2246
hypothyroid	0.8674	0.0663	0.4334	0.3907	0.5922
hypothyroidT	0.9655	0.0345	0.8847	0.7682	0.4357
ilpd	0.6780	0.3220	0.6006	0.2010	0.8744
immuno-therapy	0.2222	0.7778	0.1818	0.0000	0.4150
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8026	0.1974	0.6212	0.2173	0.7414
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.8531	0.1469	0.6976	0.3906	0.6901
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.3077	0.2769	0.2391	0.0565	0.4394
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.8077	0.1923	0.7312	0.4595	0.7161
kdc-4007	0.8828	0.0335	0.8847	0.8632	0.1933
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	1.0000	0.0000	1.0000	1.0000	0.0000
la1s-wc	0.8095	0.0635	0.7790	0.7583	0.2936
la2s-wc	0.8278	0.0574	0.8037	0.7826	0.2873
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.5588	0.0384	0.5431	0.5368	0.1344
led24	0.5500	0.0900	0.5623	0.4944	0.2061
lenses	0.3333	0.4444	0.1667	0.0000	0.4167

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8056	0.0259	0.8000	0.7914	0.0789
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6471	0.3529	0.5776	0.1535	0.9051
loan	0.9110	0.0890	0.9046	0.8077	0.3961
localization10%	0.0316	0.1761	0.0056	0.0000	0.3472
lrs	0.2453	0.2156	0.2160	0.0886	0.6377
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.4956	0.4667	0.4027
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7717	0.2283	0.7561	0.5106	0.7273
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7812	0.2188	0.7802	0.5602	0.6990
marketing	0.8705	0.1295	0.7586	0.5151	0.6521
maternal	0.7822	0.1452	0.7882	0.6695	0.4274
math	0.5750	0.2125	0.4823	0.3366	0.5511
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8436	0.7778	0.1604
mental-health	0.1933	0.3227	0.1941	-0.0091	0.8831
messidor	0.6000	0.4000	0.5864	0.1708	0.9305
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.7092	0.8414	0.0898
meter-D	0.6111	0.1944	0.5526	0.4899	0.3183
mfeat-fac	0.5200	0.0960	0.4080	0.4667	0.2976
mfeat-fou	0.1150	0.1770	0.0503	0.0167	0.5152
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.7050	0.0590	0.7096	0.6722	0.1944
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.7600	0.0480	0.7856	0.7333	0.1630
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.9906	0.0063	0.9891	0.9855	0.0242
mines	0.7353	0.1059	0.7079	0.6674	0.2540
mobile	0.2028	0.0285	0.2288	0.1884	0.3743
monks-1	0.4909	0.5091	0.3293	0.0000	0.5293
monks-2	0.8852	0.1148	0.8855	0.7594	0.4622
monks-3	0.8750	0.1250	0.8775	0.7506	0.4818
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9773	0.0227	0.9599	0.9173	0.2643
MUT_ci300400a_cdk_ECFP2	0.8237	0.1763	0.8187	0.6374	0.6242
MUT_ci300400a_cdk_ECFP4	0.8323	0.1677	0.8269	0.6537	0.6052
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7734	0.2266	0.7645	0.5261	0.7118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_EXTENDED	0.8118	0.1882	0.8057	0.6112	0.6475
MUT_ci300400a_cdk_FCFP2	0.8335	0.1665	0.8279	0.6552	0.6010
MUT_ci300400a_cdk_FCFP4	0.8177	0.1823	0.8112	0.6206	0.6302
MUT_ci300400a_cdk_FCFP6	0.8118	0.1882	0.8078	0.6153	0.6470
MUT_ci300400a_cdk_MACCS	0.8309	0.1691	0.8264	0.6528	0.6092
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.8195	0.1805	0.8145	0.6282	0.6283
myocardial	0.0588	0.2353	0.0807	0.0266	0.4485
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9524	0.0476	0.9211	0.8293	0.4011
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9471	0.0529	0.8961	0.7876	0.3287
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4028	0.3981	0.3384	0.0267	0.8004
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.7393	0.0745	0.7302	0.6955	0.3036
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9908	0.0092	0.9872	0.9742	0.1059
Occupancy_Estimation	0.9822	0.0089	0.9386	0.9462	0.0817
oh0-wc	0.8020	0.0396	0.7838	0.7731	0.1793
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.6848	0.0630	0.6487	0.6422	0.2968
oh5-wc	0.7912	0.0418	0.7942	0.7643	0.2011
olive	0.9474	0.0117	0.9298	0.9343	0.0332
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.1566	0.1687	0.1646	0.0618	0.7389
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.0356	0.9644	0.0344	0.0000	0.0956
ozone8hr	0.8538	0.1462	0.5700	0.1354	0.6581
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8351	0.1649	0.8177	0.6353	0.6189
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8570	0.7137	0.5439
p53-mutants10%	0.0032	0.9968	0.0032	0.0000	0.0091
page-blocks	0.9525	0.0190	0.6166	0.7391	0.4634
parkinson	0.9417	0.0583	0.9395	0.8789	0.2994
parkinsons	0.7109	0.2891	0.7295	0.4341	0.7341
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9189	0.0811	0.6396	0.2671	0.6352
pcmac	0.4278	0.5722	0.4224	-0.1541	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.1028	0.1794	0.0186	0.0000	0.4062
period	0.6667	0.3333	0.4000	0.0000	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
period-10f	0.3333	0.6667	0.2500	0.0000	0.5000
persistency	0.7668	0.2332	0.7508	0.5015	0.7368
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8300	0.1700	0.8040	0.6065	0.6278
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8889	0.1111	0.8622	0.7242	0.5075
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6579	0.3421	0.6615	0.3158	0.8453
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5789	0.4211	0.5778	0.1556	0.9466
plrx	0.3889	0.6111	0.4561	-0.0645	0.8276
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9360	0.0640	0.5888	0.1773	0.6189
polish-2nd	0.9420	0.0580	0.5193	0.0358	0.6382
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9137	0.0863	0.6464	0.2917	0.6551
polya	0.6378	0.3622	0.6031	0.2061	0.9023
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.4388	0.3077	0.4154
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7500	0.2500	0.7501	0.5000	0.7494
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.1026	0.2595	0.2599	0.3624
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7910	0.2090	0.7631	0.5263	0.7085
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
re0-wc	0.6667	0.0513	0.6362	0.5651	0.3378
re1-wc	0.6084	0.0313	0.4930	0.5456	0.2886
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5936	0.4064	0.5798	0.1596	0.9354
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8305	0.0565	0.8158	0.7913	0.2482
satimageF	0.9876	0.0124	0.9690	0.9374	0.2071
satimageT	0.9005	0.0995	0.7299	0.4597	0.6402

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
scadi	0.2857	0.2857	0.3429	0.1667	0.3023
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.4412	0.5588	0.4384	-0.1176	1.0000
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9351	0.0186	0.9416	0.9241	0.0788
segmentation	0.7970	0.2030	0.7880	0.5722	0.6762
segmentO	0.9870	0.0130	0.9745	0.9489	0.1700
seismic	0.9264	0.0736	0.6160	0.2065	0.6107
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8105	0.1895	0.5211	0.0407	0.7849
sens-2-gram	0.8026	0.1974	0.6311	0.2563	0.7266
sens-3-gram	0.8053	0.1947	0.6015	0.2020	0.7483
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8605	0.1395	0.6308	0.2417	0.6916
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9231	0.0769	0.7063	0.4116	0.6283
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.9200	0.0800	0.9202	0.8400	0.3694
smart-farming	0.1400	0.4300	0.1231	-0.1436	0.8555
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2167	0.3133	0.2158	0.0208	0.8686
solar-flare	0.1942	0.2686	0.1818	0.0543	0.7810
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.0588	0.0991	0.0717	-0.0192	0.5459
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9109	0.0891	0.9064	0.8124	0.4032
spect	0.7037	0.2963	0.6196	0.2340	0.8108
spectf	0.2857	0.7143	0.2222	0.0000	0.4711
spectrometer	0.0000	0.0741	0.0000	-0.0513	0.3842
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.7500	0.2500	0.7538	0.4947	0.7200
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.4000	0.1905	0.0000	0.2619
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8462	0.1538	0.7769	0.5528	0.6568
steel-d	0.9641	0.0359	0.7650	0.5154	0.5686
steel-k	0.9692	0.0308	0.9520	0.9020	0.1773
steel-o	0.8051	0.1949	0.7828	0.5650	0.6754
steel-p	0.9333	0.0667	0.7601	0.5161	0.5590
steel-s	0.9692	0.0308	0.8280	0.6507	0.5227
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.1806	0.8194	0.1529	0.0000	0.3656
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.8880	0.1120	0.8868	0.7720	0.4575
stress	0.1905	0.3238	0.0640	0.0000	0.4034

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.2600	0.2960	0.1992	-0.0801	0.8258
student-weekend	0.4154	0.2338	0.3055	0.1875	0.6324
student-workday	0.6094	0.1562	0.2693	0.2028	0.6119
studentap	0.5385	0.3077	0.5166	0.2778	0.5827
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9927	0.0013	0.9929	0.9920	0.0112
theorem	0.4173	0.5827	0.2945	0.0000	0.5272
thoracic	0.7234	0.2766	0.4848	-0.0304	0.7956
thrombin	0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.3368	0.6632	0.2520	0.0000	0.5017
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f	0.4118	0.5882	0.4338	-0.1184	0.9526
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6667	0.3333	0.5156	0.0310	0.8948
trec11-wc	0.7805	0.0488	0.7078	0.7228	0.1795
trec12-wc	0.8710	0.0323	0.8926	0.8432	0.0972
trec21-wc	0.8182	0.0727	0.4977	0.6192	0.2383
trec23-wc	0.8095	0.0635	0.7317	0.7219	0.1350
trec31-wc	0.9247	0.0251	0.8795	0.8995	0.1135
trec41-wc	0.7841	0.0432	0.6605	0.7367	0.2330
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.2500	0.3750	0.1000	0.0000	0.4042
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.7923	0.2077	0.7951	0.5778	0.6543
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9293	0.0707	0.5809	0.1529	0.5653
ur3_cobotops_stop	0.9374	0.0626	0.6736	0.3304	0.5865
urban	0.2239	0.1725	0.1536	0.1032	0.6154
urinalysis	0.9371	0.0629	0.6841	0.3669	0.6148
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7738	0.1131	0.7510	0.6969	0.2454
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.8372	0.1628	0.8410	0.6753	0.5648
vowel	0.5657	0.0790	0.6165	0.5222	0.2348
vowelZ	0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7756	0.0224	0.6573	0.7487	0.1576
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2700	0.3650	0.2682	0.0257	0.8548
waveform	0.3400	0.4400	0.1692	0.0000	0.4157
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8444	0.1037	0.7957	0.7188	0.3809
Weekly	0.9722	0.0278	0.9719	0.9436	0.1670
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9462	0.0538	0.7676	0.5240	0.5840
wine	0.2353	0.5098	0.1270	0.0000	0.3739
winequality-red	0.5912	0.1363	0.2883	0.3516	0.5826
winequality-white	0.4928	0.1449	0.2665	0.2825	0.6247
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.8947	0.1053	0.8902	0.7782	0.4610
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.2703	0.1459	0.1969	0.0983	0.7467
yeastCYT-POX	0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1	0.9527	0.0473	0.6808	0.3410	0.5673
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 324: Detailed results for HT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1031	0.0619	0.0662	0.0510	0.4914
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8415	0.1585	0.7637	0.5158	0.6267
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9988	0.0012	0.4997	-0.0003	0.4066
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8592	0.1408	0.7951	0.5546	0.4942
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8460	0.1540	0.5247	0.0110	0.4863
airline	0.9234	0.0766	0.9223	0.8427	0.3446
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7907	0.2093	0.7679	0.5351	0.7008
anneal	0.9551	0.0180	0.9542	0.9101	0.1736
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	0.9944	0.0056	0.8878	0.7474	0.5000
anuran-family	0.8567	0.0716	0.8304	0.7468	0.3649
anuran-genus	0.9166	0.0209	0.8529	0.8664	0.2453
anuran-species	0.9194	0.0161	0.8184	0.8887	0.1500
anxiety	0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality	0.7225	0.2775	0.7231	0.4450	0.7874
aps-failure	0.9843	0.0157	0.7765	0.5529	0.5084
arabidopsis	0.9919	0.0081	0.4980	-0.0002	0.0993
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9918	0.0082	0.5326	0.0067	0.1508

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia	0.5556	0.0889	0.0714	0.0000	0.2612
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.6957	0.0254	0.2898	0.6560	0.0901
audit-risk	0.9744	0.0256	0.9742	0.9470	0.1562
autism-adolescent	0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.5500	0.1800	0.6369	0.4340	0.3767
avila	0.4384	0.0936	0.5384	0.3505	0.5722
babies	0.2177	0.2235	0.1283	0.0693	0.6045
balance	0.9032	0.0645	0.6222	0.8180	0.1797
bank	0.9022	0.0978	0.7053	0.3762	0.5660
banknote	0.9489	0.0511	0.9499	0.8974	0.2570
bankruptcy	0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9965	0.0035	0.8904	0.7611	0.1013
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.7429	0.2571	0.7875	0.5133	0.5626
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0010	0.0342	0.0000	0.0117
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0010	0.0342	0.0000	0.0117
body-perf	0.5082	0.2459	0.5052	0.3443	0.6370
bookings	0.9896	0.0069	0.6620	0.9779	0.0399
brain-tumor	0.4990	0.5010	0.4982	-0.0032	0.9722
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.4545	0.5455	0.4777	-0.0312	0.9055
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5820	0.5644	0.1810
bridges	0.7000	0.1000	0.5887	0.5714	0.1821
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4820	0.3453	0.3218	0.0150	0.5564
car	0.6667	0.1667	0.6602	0.4631	0.5457
car-insurance	0.7820	0.2180	0.7436	0.4868	0.7301
card	0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography	0.6573	0.0685	0.6594	0.6077	0.3530
cardiotocography-nsp	0.8169	0.1221	0.7182	0.5842	0.5233
cardiovascular	0.7232	0.2768	0.7242	0.4464	0.7844
cargo2k	0.9822	0.0118	0.9821	0.9733	0.0536
cars	0.8250	0.1167	0.8000	0.6930	0.3967
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5369	0.4631	0.4651	-0.0026	0.5689
cas_N6512_RDkit_AtomPair_FP	0.5844	0.4156	0.5793	0.1268	0.8510
cas_N6512_rdkit_AVALON	0.5637	0.4363	0.6068	0.1650	0.7994
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.6169	0.3831	0.6126	0.2056	0.8688
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5353	0.4647	0.4394	-0.0056	0.5868
cas_N6512_RDkit_FP	0.6334	0.3666	0.6286	0.2470	0.8774
cas_N6512_rdkit_LAYERED	0.6769	0.3231	0.6743	0.3484	0.8508
cas_N6512_RDkit_Layered_FP	0.5997	0.4003	0.5976	0.1952	0.9291

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.5484	0.4516	0.5641	0.0236	0.5993
cas_N6512_RDkit_MACCS_FP	0.5429	0.4571	0.5600	0.0117	0.5674
cas_N6512_rdkit_MORGAN	0.5369	0.4631	0.3493	-0.0031	0.5485
cas_N6512_RDkit_morgan_FP	0.5399	0.4601	0.5478	0.0041	0.5479
cas_N6512_rdkit_PATTERN	0.5569	0.4431	0.5822	0.1425	0.8775
cas_N6512_RDkit_pattern_FP	0.5414	0.4586	0.5491	0.0082	0.5678
cas_N6512_rdkit_RDKITFP	0.6298	0.3702	0.6246	0.2432	0.8904
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds	0.9607	0.0393	0.6297	0.1365	0.3530
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.7348	0.1768	0.4236	0.2475	0.3751
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7306	0.2694	0.7233	0.4397	0.7679
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.9353	0.0323	0.9086	0.9039	0.1604
chrom19	0.9996	0.0004	0.8721	0.7066	0.0026
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9990	0.0010	0.7829	0.5636	0.5060
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6509	0.1127	0.4265
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6632	0.3368	0.6695	0.3280	0.8276
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.5714	0.2857	0.2424	0.0000	0.3038
cjs	0.9857	0.0048	0.9830	0.9826	0.0291
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7639	0.1181	0.4913	0.6142	0.3281
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.5117	0.2482	0.7108
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.4298	0.1037	0.3262	0.3231	0.4056
coil20	0.1389	0.0861	0.1151	0.0949	0.3682
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.9000	0.0133	0.9534	0.8908	0.0339
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.6897	0.3103	0.6729	0.3185	0.7867
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8710	0.1290	0.8634	0.7195	0.5250
column-3c	0.7742	0.1505	0.5665	0.6200	0.1957

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%	0.5177	0.4823	0.6031	0.0009	0.5256
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7428	0.2572	0.7431	0.4857	0.7598
coupon	0.5662	0.4338	0.5024	0.0008	0.6423
covid19	0.5297	0.1344	0.2093	0.1540	0.5201
covtype	0.7190	0.0803	0.5425	0.5396	0.4014
covtype10%	0.4735	0.1504	0.3581	0.2193	0.3122
covtypeCD	0.9443	0.0557	0.8731	0.7274	0.2815
covtypeT	0.9532	0.0468	0.7893	0.5428	0.3793
crabs	0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans	0.9991	0.0009	0.8671	0.7342	0.3894
creditcard_trans10%	0.9986	0.0014	0.8747	0.7136	0.5164
crowdsourced	0.8341	0.0553	0.6552	0.6872	0.4819
cryotherapy	0.7778	0.2222	0.8000	0.5263	0.4308
cultivars	0.4062	0.0297	0.2813	0.3896	0.0883
customer-churn	0.9796	0.0204	0.6229	0.0863	0.2377
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.5556	0.4444	0.3571	0.0000	0.5164
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0980	0.1804	0.0973	-0.0024	0.9249
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8263	0.1737	0.7128	0.3858	0.6261
defect	0.8951	0.1049	0.7828	0.4816	0.3221
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8923	0.1077	0.6696	0.2764	0.5509
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8378	0.0541	0.8591	0.8002	0.0740
desharnais	0.5000	0.3333	0.4036	0.1795	0.3510
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8462	0.1538	0.8361	0.6623	0.5407
diabetes-100k	0.9678	0.0322	0.8882	0.7526	0.1421
diabetes-risk	0.8847	0.1153	0.8097	0.5973	0.4852
diabetic	0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.6355	0.1458	0.5282	0.4796	0.3933
dishonest	0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5281	0.4719	0.5145	0.0228	0.9145
dota210%	0.5282	0.4718	0.5158	0.0037	0.6091
drebin	0.8640	0.1360	0.8697	0.7248	0.4911
dropout	0.7020	0.1986	0.6202	0.5007	0.5467
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3617	0.1824	0.2565	0.2266	0.6119
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5691	0.1231	0.2722	0.3521	0.5769
drug-17	0.3404	0.1885	0.2578	0.1487	0.6906
drug-18	0.9202	0.0319	0.1917	-0.0061	0.1083
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.2675	0.2093	0.0875	0.0415	0.3392
ecoli	0.2647	0.1838	0.2312	0.1542	0.1820
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7576	0.2424	0.7925	0.5075	0.5283
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0626	0.1172	0.0507	0.0209	0.5334
eeg-eye	0.6335	0.3665	0.6285	0.2234	0.8230
eeg10%	0.1523	0.1060	0.2253	0.1108	0.5882
email_phishing	0.9869	0.0131	0.6331	0.0489	0.1260
eucalyptus	0.4110	0.2356	0.4574	0.2746	0.5165
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.9242	0.0758	0.9246	0.8474	0.3434
exon.vs.intron-freq10%	0.8922	0.1078	0.8947	0.7822	0.4129
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5242	0.4758	0.6365	0.1020	0.5289
fbis-wc	0.0163	0.1157	0.0019	0.0000	0.3803
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5294	0.4706	0.5286	0.0570	0.9780
financial-risk	0.6460	0.1180	0.4264	0.4844	0.4065
fishcatch	0.8750	0.0417	0.9249	0.8462	0.0696
flags	0.3000	0.2000	0.0659	0.0000	0.3486
fonts	0.1363	0.0113	0.0307	0.0512	0.3709
fonts10%	0.1607	0.0110	0.0689	0.1472	0.8670
forest	0.8846	0.0577	0.8587	0.8418	0.1766
gas	0.5830	0.1390	0.6137	0.5026	0.4271
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.7192	0.1872	0.6962	0.5041	0.4505
german	0.6500	0.3500	0.5393	0.0169	0.6125
gestures	0.8870	0.0565	0.8876	0.8493	0.2157
gina	0.7983	0.2017	0.8033	0.5948	0.6290
gisette	0.8771	0.1229	0.8772	0.7543	0.4940
glass	0.5238	0.1587	0.5721	0.3694	0.3821
glass-g2	0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP	0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP	0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.8571	0.1429	0.7918	0.5772	0.5973
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6842	0.3158	0.6833	0.3667	0.8414
gli_85	0.7500	0.2500	0.7895	0.5000	0.5283
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2667	0.3667	0.2934	0.0678	0.6074
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.7319	0.0447	0.6466	0.6856	0.2683
har	0.1840	0.3264	0.0622	0.0000	0.3998
har70	0.9047	0.0272	0.5778	0.8587	0.2271
har701%	0.8314	0.0482	0.5153	0.7628	0.2040
har7010%	0.8849	0.0329	0.5370	0.8297	0.2151
harth	0.8481	0.0253	0.5708	0.7933	0.2620
harth1%	0.8271	0.0288	0.5172	0.7646	0.2961
harth10%	0.8310	0.0282	0.4993	0.7687	0.2638
hayes-roth	0.5000	0.3333	0.5303	0.2000	0.6258
hcc-survival	0.6471	0.3529	0.6223	0.2031	0.8037
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8065	0.1935	0.8046	0.6092	0.6543
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9200	0.0800	0.9168	0.8305	0.3495
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hepmass	0.8585	0.1415	0.8590	0.7170	0.5364
hepmass1%	0.8354	0.1646	0.8364	0.6710	0.5867
hepmass10%	0.8464	0.1536	0.8467	0.6929	0.5671
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs	0.6764	0.3236	0.6793	0.3369	0.8003
higgs0.1%	0.5700	0.4300	0.5686	0.1030	0.8418
higgs1%	0.6491	0.3509	0.6478	0.2825	0.8528
higgs10%	0.6726	0.3274	0.6759	0.3294	0.8030
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.8013	0.1987	0.7640	0.5068	0.6386
hr	0.8561	0.1439	0.4612	-0.0135	0.4899
ht-sensor	0.8716	0.0856	0.8774	0.8051	0.2606
ht-sensor10%	0.6396	0.2403	0.6485	0.4510	0.5499
htru2	0.9726	0.0274	0.9163	0.8323	0.3163
hypothyroid	0.2493	0.3753	0.3468	0.0455	0.2260
hypothyroidT	0.9894	0.0106	0.9660	0.9297	0.2551
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.8687	0.0657	0.8837	0.8249	0.1827
ionosphere	0.8286	0.1714	0.8288	0.6379	0.5815
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9802	0.9596	0.1220
isolet	0.8010	0.0153	0.8147	0.7931	0.1428
jm1	0.8099	0.1901	0.6051	0.1210	0.6012
jvowels	0.8715	0.0286	0.8641	0.8542	0.1752

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.8039	0.0196	0.3841	0.6875	0.1946
kddcup991%	0.5862	0.0637	0.5491	0.3874	0.0762
kddcup9910%	0.9546	0.0048	0.6098	0.9242	0.0754
kepler	0.7667	0.1555	0.6935	0.6041	0.2538
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.2727	0.0808	0.2559	0.1885	0.5577
krvskp	0.9122	0.0878	0.9126	0.8235	0.3848
la1s-wc	0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.6765	0.0162	0.3657	0.6597	0.0656
led24	0.4000	0.1333	0.3951	0.3296	0.2901
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.6810	0.0245	0.6909	0.6682	0.2833
leukemia	0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.7500	0.0333	0.7586	0.7316	0.0918
linkage	1.0000	0.0000	0.9976	0.9952	0.0174
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.6765	0.3235	0.4035	0.0000	0.4580
loan	0.9766	0.0234	0.9750	0.9500	0.1518
localization	0.4371	0.1023	0.1710	0.2745	0.4420
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.7925	0.0415	0.4678	0.7181	0.1817
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.7500	0.1000	0.7000	0.6735	0.1436
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7500	0.1000	0.7538	0.5671	0.4255
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.5556	0.1481	0.2857	0.2500	0.2598
machine-failure	0.8936	0.1064	0.8904	0.7809	0.4568
madelon	0.5962	0.4038	0.5970	0.1923	0.9271
magic04	0.7922	0.2078	0.7738	0.4818	0.5087
malware	0.8108	0.1892	0.4478	0.0000	0.3405
mammography	0.8333	0.1667	0.8347	0.6671	0.5906
marketing	0.8616	0.1384	0.6755	0.0991	0.2804
maternal	0.4158	0.3894	0.3309	0.0862	0.5631
math	0.5000	0.2500	0.5776	0.3372	0.4630
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.5565	0.4435	0.6261	0.1791	0.7319
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.5659	0.4706	0.3121
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.9300	0.0140	0.9311	0.9222	0.0807
mfeat-fou	0.7400	0.0520	0.7380	0.7111	0.2138
mfeat-kar	0.9400	0.0120	0.9414	0.9333	0.0737
mfeat-mor	0.6850	0.0630	0.7228	0.6500	0.1820
mfeat-pix	0.9200	0.0160	0.9238	0.9111	0.0887
mfeat-zer	0.7200	0.0560	0.7262	0.6889	0.2281
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9245	0.0503	0.9244	0.8857	0.1689
mines	0.4412	0.2235	0.4715	0.3009	0.4162
mobile	0.7657	0.0084	0.7824	0.7615	0.1055
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9107	0.0893	0.9178	0.8223	0.3018
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9865	0.0135	0.9865	0.9729	0.0977
music	0.3622	0.1160	0.4234	0.2655	0.6028
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.5839	0.4161	0.5568	0.0043	0.5307
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5899	0.4101	0.6199	0.0200	0.5054
MUT_ci300400a_cdk_EXTENDED	0.5863	0.4137	0.5535	0.0138	0.5778
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5863	0.4137	0.6164	0.0100	0.5063
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5983	0.4017	0.5687	0.0575	0.6881
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.6263	0.3737	0.6083	0.1389	0.7263
MUT_ci300400a_rdkit_descriptors	0.5802	0.4198	0.5808	0.0185	0.5514
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9362	0.0638	0.9371	0.8725	0.3035
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7982	0.0212	0.3286	0.5062	0.9511
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.8628	0.0144	0.3004	0.5809	0.3997
neo	0.9079	0.0921	0.6497	0.1444	0.3756
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0872	0.0415	0.0078	0.0398	0.3781
newspop	0.5785	0.4215	0.5784	0.1195	0.8348
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9080	0.0920	0.8846	0.7595	0.3767
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.8395	0.0802	0.8007	0.7726	0.1853
obesity	0.6114	0.1110	0.6033	0.5447	0.3323
obs	0.7130	0.1435	0.7516	0.5954	0.3586
occupancy	0.9883	0.0117	0.9839	0.9676	0.1295
Occupancy_Estimation	0.9733	0.0133	0.9423	0.9212	0.1404
oh0-wc	0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.9649	0.0078	0.9554	0.9565	0.0249

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opn310k	0.9090	0.0910	0.4762	-0.0002	0.2196
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9076	0.0924	0.4917	-0.0011	0.3069
optdigits	0.8754	0.0249	0.8851	0.8616	0.1452
optdigitsZ	0.9911	0.0089	0.9721	0.9425	0.0373
orl	0.9500	0.0025	0.9416	0.9487	0.0099
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.8400	0.1600	0.8603	0.6835	0.4472
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8413	0.1587	0.8488	0.6851	0.5336
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9122	0.0351	0.6854	0.5796	0.5713
parkinson	0.9083	0.0917	0.9154	0.8167	0.3339
parkinsons	0.7820	0.2180	0.7753	0.5479	0.7005
parkinsons-small	0.7368	0.2632	0.4242	0.0000	0.4125
particle	0.8666	0.1334	0.8273	0.6379	0.4997
particle10%	0.8338	0.1662	0.7831	0.5205	0.5110
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7632	0.2368	0.7306	0.4462	0.7231
pediatric-leukemia	0.5588	0.1260	0.5923	0.4486	0.3358
pendigits	0.9245	0.0151	0.9238	0.9160	0.0985
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.7747	0.0282	0.7911	0.7596	0.2696
pet-adoption	0.8700	0.1300	0.8499	0.6967	0.5223
phishing	0.8449	0.1551	0.8475	0.6499	0.3556
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc	0.9355	0.0184	0.9321	0.9246	0.0747
phone-acc0.1%	0.2841	0.2046	0.2702	0.1544	0.4624
phone-acc1%	0.5057	0.1412	0.5081	0.4212	0.4010
phone-acc10%	0.8185	0.0518	0.8140	0.7876	0.1745
phone-gyr	0.9478	0.0149	0.9440	0.9390	0.0689
phone-gyr0.1%	0.6059	0.1126	0.5697	0.5381	0.3605
phone-gyr1%	0.6866	0.0895	0.6816	0.6326	0.2769
phone-gyr10%	0.8457	0.0441	0.8405	0.8192	0.1735
phoneme	0.8093	0.1907	0.7666	0.5331	0.6922
phy	0.6704	0.3296	0.6704	0.3408	0.8573
pima	0.6974	0.3026	0.6716	0.3235	0.8000
pirvision	0.9837	0.0109	0.9733	0.9496	0.1197
placement	0.7850	0.2150	0.7838	0.5357	0.6022
plant-growth	0.8421	0.1579	0.8444	0.6851	0.5655
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4780	0.1160	0.1228	0.0612	1.0000
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9289	0.0711	0.4816	-0.0033	0.3009
polya	0.7135	0.2865	0.6696	0.3198	0.7918

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
popularity	0.5922	0.2719	0.4371	0.2206	0.7263
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.6035	0.1586	0.6287	0.5028	0.3508
pred-tox_mutagen_ref-desc	0.4853	0.5147	0.3267	-0.0294	0.6753
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3939	0.0932	0.3860	0.3313	0.2748
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6119	0.3881	0.5159	0.0301	0.9384
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.8825	0.0470	0.7910	0.8408	0.2181
puc-rio10%	0.8793	0.0483	0.8234	0.8371	0.1858
pufs-128	0.5000	0.5000	0.5000	-0.0000	1.0000
pufs-1281%	0.5097	0.4903	0.5097	0.0193	0.9940
pufs-12810%	0.5002	0.4998	0.5002	0.0003	0.9995
pufs-64	0.5015	0.4985	0.5015	0.0030	0.9992
pufs-641%	0.4950	0.5050	0.4950	-0.0100	1.0000
pufs-6410%	0.4990	0.5010	0.4989	-0.0021	0.9995
pulsar	0.9808	0.0192	0.9407	0.8775	0.1483
raisin	0.8222	0.1778	0.8305	0.6444	0.5603
rcv11%	0.2426	0.0369	0.0095	0.0000	0.3161
rcv110%	0.1739	0.0330	0.0264	0.0821	0.2964
re0-wc	0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9857	0.0143	0.9857	0.9711	0.0904
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.9510	0.0082	0.7813	0.8770	0.0365
satimage	0.7838	0.0721	0.7728	0.7362	0.2741
satimageF	0.9813	0.0187	0.9506	0.9001	0.1774
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6765	0.3235	0.6847	0.3529	0.8074
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.6095	0.3905	0.6576	0.1345	0.5055
seeds	0.8571	0.0952	0.8631	0.7857	0.2706
segment	0.7879	0.0606	0.8329	0.7520	0.1551
segmentation	0.7327	0.2673	0.7358	0.4576	0.7418
segmentO	0.8528	0.1472	0.4603	0.0000	0.2903
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.8082	0.0349	0.8141	0.7890	0.1540

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8783	0.1217	0.7539	0.5057	0.6312
shuttle	0.9745	0.0073	0.7506	0.9269	0.3182
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9977	0.0023	0.9965	0.9930	0.0276
skin10%	0.9747	0.0253	0.9619	0.9238	0.2194
smarket	0.9920	0.0080	0.9921	0.9840	0.0564
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6316	0.3684	0.6292	0.2570	0.8973
smoking	0.6836	0.3164	0.6366	0.2122	0.7394
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.5755	0.1415	0.4429	0.4671	0.3414
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.8971	0.0108	0.9546	0.8878	0.0377
spam-detection	0.9530	0.0470	0.8471	0.6865	0.3975
spambase	0.6043	0.3957	0.3767	0.0000	0.4981
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.5094	0.0204	0.2311	0.4837	0.1340
splice-EI	0.9590	0.0410	0.9449	0.8881	0.2274
splice-IE	0.9054	0.0946	0.8703	0.7404	0.4902
sport-articles	0.8100	0.1900	0.7922	0.5808	0.6508
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7169	0.1887	0.6522	0.5179	0.4120
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9641	0.0359	0.9438	0.8846	0.1919
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.9647	0.0235	0.9593	0.9369	0.1176
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.9339	0.0441	0.9393	0.9009	0.1163
streaming	0.6380	0.3620	0.6838	0.2078	0.4983
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5957	0.4043	0.5507	0.0607	0.7929
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.5055	0.1475	0.5194
susy	0.7596	0.2404	0.7683	0.5015	0.6357
susy1%	0.7804	0.2196	0.7820	0.5493	0.6577
susy10%	0.7719	0.2281	0.7803	0.5275	0.6165
swarm_aligned	0.9858	0.0142	0.9837	0.9673	0.1222
swarm_flocking	0.4996	0.5004	0.3331	-0.0008	0.5368
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8679	0.1321	0.8217	0.6235	0.4947
texture	0.7818	0.0397	0.7949	0.7598	0.2013
theorem	0.9689	0.0311	0.9685	0.9354	0.1500
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tic-tac-toe	0.7263	0.2737	0.6810	0.3578	0.8063
tis	0.8871	0.1129	0.8417	0.6776	0.5013
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.5000	0.2000	0.4000	0.3600	0.2083
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.7750	0.1125	0.7799	0.7000	0.3038
tvnews	0.7494	0.2506	0.7237	0.3937	0.6464
tvnews1%	0.8385	0.1615	0.8274	0.6547	0.6032
tvnews10%	0.7317	0.2683	0.7123	0.3323	0.5831
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7313	0.0597	0.7674	0.6852	0.2081
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.3810	0.3095	0.3997	0.1852	0.6333
vehicleVAN	0.7500	0.2500	0.4286	0.0000	0.4011
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.7442	0.2558	0.7712	0.4930	0.6074
vowel	0.5859	0.0753	0.6258	0.5444	0.2002
vowelZ	0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17	0.9108	0.0892	0.6386	0.0451	0.2564
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.6154	0.0769	0.4950	0.5667	0.1183
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc	0.9124	0.0250	0.9107	0.8975	0.1133
watch-acc1%	0.6481	0.1005	0.6545	0.5856	0.3153
watch-acc10%	0.7411	0.0740	0.7401	0.6962	0.2892
watch-gyr	0.9003	0.0285	0.8967	0.8836	0.1358
watch-gyr1%	0.6566	0.0981	0.6357	0.5976	0.2657
watch-gyr10%	0.7729	0.0649	0.7749	0.7345	0.2414
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8080	0.1280	0.8084	0.7120	0.4158
weather-related	0.8865	0.0206	0.9115	0.8725	0.0942
web-phishing	0.8074	0.1284	0.6420	0.6507	0.4980
Weekly	0.9259	0.0741	0.9288	0.8475	0.2500
weight-lift	0.2372	0.3051	0.3673	0.0737	0.4188
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4969	0.1677	0.2447	0.2260	0.5853
winequality-white	0.4192	0.1659	0.2730	0.1834	0.6283
winnipeg	0.9589	0.0117	0.9487	0.9480	0.1034

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
winnipeg10%	0.9353	0.0185	0.9420	0.9182	0.1269
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.6875	0.0417	0.6588	0.6639	0.0854
yeast	0.1689	0.1662	0.1871	0.0925	0.4689
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.7667	0.0467	0.7538	0.7388	0.2524

Table 325: Detailed results for HTSVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1157	0.0842	0.0951	0.0481	0.7496
abalone19	0.9115	0.0885	0.4768	-0.0134	0.1424
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.9665	0.0335	0.9311	0.8622	0.3156
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8492	0.1508	0.5066	0.0132	0.7200
AID_1431_KlekotaRothFingerprinter	0.7778	0.2222	0.4375	-0.1186	0.6506
AID_1431_MACCSFingerprinter	0.8016	0.1984	0.5496	0.0912	0.6486
AID_1878	0.7238	0.2762	0.5785	0.1549	0.8023
AID_602330	0.9062	0.0938	0.5729	0.1360	0.5750
AID_652128	0.6970	0.2020	0.3813	0.0589	0.5559
AID1284Morered	0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.8738	0.1262	0.4663	-0.0669	0.6884
AID1608red	0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red	0.9720	0.0280	0.5656	0.1289	0.5439
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9890	0.0110	0.4972	-0.0044	0.3483
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.4500	0.5500	0.3103	-0.3750	0.9873
AID644red	0.8000	0.2000	0.7619	0.5238	0.7028
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.8889	0.1111	0.8333	0.6087	0.2605
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8028	0.1972	0.7196	0.4364	0.7243
air_pollution	0.1867	0.2324	0.1320	-0.0040	0.9171
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8190	0.0724	0.5843	0.6464	0.5059
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6651	0.3349	0.6794	0.3383	0.7958
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family	0.9875	0.0063	0.9554	0.9762	0.0735
anuran-genus	0.9833	0.0042	0.9447	0.9726	0.1350
anuran-species	0.9875	0.0025	0.9695	0.9826	0.0434
anxiety	0.1417	0.1907	0.1486	0.0341	0.7772
apple-quality	0.9050	0.0950	0.9051	0.8100	0.4167
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.3778	0.0957	0.1468	0.1268	0.5006
auction	0.9314	0.0686	0.8685	0.7273	0.5078

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.5000	0.0909	0.1869	0.3698	0.2300
audit-risk	0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.8966	0.1034	0.9058	0.7943	0.3261
autos	0.9000	0.0333	0.7655	0.8680	0.0918
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3306	0.1912	0.1655	0.0765	0.7198
balance	0.7903	0.1398	0.6984	0.6596	0.3593
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria	0.8848	0.1152	0.8739	0.7463	0.4806
basehock	0.9548	0.0452	0.9553	0.9095	0.2347
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8571	0.1429	0.8644	0.7123	0.5001
biomed	0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.5000	0.5000	0.5000	0.0000	0.8803
breast-cancer-co	0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8748	0.7778	0.1144
bridges	0.6000	0.1143	0.4530	0.4937	0.1480
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.3000	0.7000	0.2308	0.0000	0.4809
caesarian	0.5000	0.5000	0.4667	-0.0667	0.9927
cancer	0.9420	0.0580	0.9374	0.8671	0.1938
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9885	0.0057	0.9789	0.9755	0.1021
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography	0.8122	0.0376	0.7964	0.7773	0.2595
cardiotocography-nsp	0.9014	0.0657	0.7986	0.7360	0.3997
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.6523	0.2318	0.5388	0.4852	0.2539
cars	0.6750	0.2167	0.6210	0.4699	0.5345
cas_N6512_cdk_ECFP2	0.7727	0.2273	0.7707	0.5407	0.7130
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.7255	0.2745	0.7229	0.4425	0.7807
cas_N6512_rdkit_AVALON	0.7834	0.2166	0.7821	0.5643	0.6960
cas_N6512_RDkit_Avalon_FP	0.7868	0.2132	0.7864	0.5724	0.6883
cas_N6512_rdkit_descriptors	0.7569	0.2431	0.7548	0.5079	0.7365
cas_N6512_rdkit_FEATMORGAN	0.7788	0.2212	0.7783	0.5562	0.7027
cas_N6512_RDkit_Featmorgan_FP	0.7822	0.2178	0.7810	0.5620	0.6980
cas_N6512_RDkit_FP	0.7577	0.2423	0.7556	0.5097	0.7359
cas_N6512_rdkit_LAYERED	0.7262	0.2738	0.7255	0.4506	0.7853
cas_N6512_RDkit_Layered_FP	0.7331	0.2669	0.7309	0.4616	0.7763
cas_N6512_rdkit_MACCS	0.7849	0.2151	0.7831	0.5653	0.6909
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.7831	0.2169	0.7813	0.5622	0.6954
cas_N6512_RDkit_morgan_FP	0.7883	0.2117	0.7871	0.5742	0.6872

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7738	0.2262	0.7726	0.5451	0.7125
cas_N6512_RDkit_pattern_FP	0.7623	0.2377	0.7615	0.5227	0.7309
cas_N6512_rdkit_RDKITFP	0.7419	0.2581	0.7406	0.4812	0.7634
cas_N6512_rdkit_TORSION	0.7446	0.2554	0.7423	0.4835	0.7573
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7668	0.2332	0.7392	0.4768	0.7414
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.8953	0.1047	0.5637	0.1264	0.6495
cervical-H	0.9535	0.0465	0.7962	0.5764	0.5664
cervical-S	0.9651	0.0349	0.8916	0.7810	0.3406
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9971	0.0029	0.7822	0.4434	0.4711
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8951	0.1049	0.7854	0.5705	0.5973
ci900367j_MACCS	0.6842	0.3158	0.6812	0.3569	0.8248
circles	0.7430	0.0051	0.7200	0.7404	0.0684
cirrhosis	0.5476	0.3016	0.4947	0.2356	0.6955
cjs	0.9893	0.0036	0.9852	0.9869	0.0200
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.8200	0.1800	0.6701	0.3077	0.6404
cmc	0.4966	0.3356	0.4975	0.2474	0.7309
cnae-9	0.9444	0.0123	0.9461	0.9375	0.0622
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.8442	0.1558	0.8099	0.6185	0.6246
collins	0.5400	0.0613	0.4970	0.4961	0.2385
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2	0.5517	0.4483	0.4972	-0.0053	0.9756
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.2759	0.7241	0.2162	0.0000	0.4638
colposcopies-5	0.1724	0.8276	0.1471	0.0000	0.3547
colposcopies-6	0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c	0.2414	0.7586	0.1944	0.0000	0.4342
column-2c	0.9032	0.0968	0.9061	0.7947	0.3833
column-3c	0.8387	0.1075	0.8392	0.7488	0.3469
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.6827	0.3173	0.6830	0.3656	0.8416
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.8889	0.1111	0.8953	0.7692	0.3145
cultivars	0.5625	0.0219	0.3911	0.5493	0.0643
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.1593	-0.0077	0.8895
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.8519	0.1481	0.8558	0.7037	0.5346
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.8415	0.6286	0.5283
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.1605	0.8395	0.1383	0.0000	0.3379
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.7552	0.2448	0.5391	0.0778	0.8194
dermatology	0.1892	0.2703	0.0530	0.0000	0.3795
desharnais	0.6250	0.2500	0.4099	0.2000	0.4997
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7000	0.3000	0.6861	0.3455	0.7462
diabetes	0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.4922	0.2400	0.7037
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.9500	0.0250	0.9362	0.9309	0.0920
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5194	0.4806	0.5169	0.0338	0.9890
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.6885	0.2077	0.6241	0.4873	0.5667
drug-01	0.2074	0.2264	0.1777	0.0391	0.8711
drug-02	0.3777	0.1778	0.2472	0.1676	0.8001
drug-03	0.5213	0.1368	0.1816	0.1521	0.8107
drug-04	0.3511	0.1854	0.2054	0.1167	0.8098
drug-05	0.4362	0.1611	0.1099	-0.0346	0.8403
drug-06	0.2553	0.2128	0.2125	0.1147	0.7953
drug-07	0.2713	0.2082	0.1398	0.0455	0.9044
drug-08	0.3032	0.1991	0.1790	0.0937	0.8353
drug-09	0.6543	0.0988	0.1491	0.0956	0.7118
drug-10	0.3723	0.1793	0.2283	0.1307	0.7956
drug-11	0.6702	0.0942	0.2156	0.1035	0.7889
drug-12	0.5638	0.1246	0.1665	0.0856	0.8409
drug-13	0.3830	0.1763	0.1753	0.1264	0.8438
drug-14	0.3883	0.1748	0.2560	0.1512	0.8288
drug-15	0.5426	0.1307	0.2090	0.0883	0.7974

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.3936	0.1733	0.2658	0.2003	0.7580
drug-17	0.2553	0.2128	0.2290	0.1092	0.7981
drug-18	0.0053	0.9947	0.0053	0.0000	0.0152
drug-19	0.5160	0.1383	0.1588	0.0878	0.7399
drybean	0.9236	0.0218	0.9407	0.9077	0.1111
ecoli	0.7059	0.0980	0.5555	0.5813	0.2557
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU	0.7576	0.2424	0.6474	0.2281	0.5602
ecoliOM	0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce	0.2000	0.4000	0.1994	-0.0667	0.8907
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.8992	0.1008	0.8980	0.7956	0.4327
eeg10%	0.3181	0.0852	0.3467	0.2616	0.7025
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5616	0.1753	0.5452	0.4371	0.4381
euthyroid	0.7975	0.2025	0.7351	0.3758	0.5397
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4725	0.5275	0.4727	-0.0544	1.0000
farm-ads	0.8961	0.1039	0.8956	0.7910	0.4423
fbis-wc	0.8008	0.0234	0.7290	0.7755	0.2000
fertility	0.6000	0.4000	0.3750	-0.1765	0.5613
finance	0.8235	0.1765	0.8228	0.6450	0.6189
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.8654	0.0673	0.8600	0.8133	0.1624
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.4189	0.3874	0.4242	0.1069	0.7102
gene	0.2524	0.4984	0.1343	0.0000	0.4017
german	0.6800	0.3200	0.6312	0.2575	0.8624
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7143	0.0952	0.8197	0.6358	0.1818
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.6667	0.3333	0.6777	0.3408	0.8132
glassBWNFP	0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers	0.0909	0.9091	0.0833	0.0000	0.2192
glassNW	0.2381	0.7619	0.1923	0.0000	0.4310
glassTableware	0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP	0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM	0.5789	0.4211	0.5843	0.1648	0.9308
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8452	0.1548	0.8465	0.6880	0.5623
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.4000	0.3000	0.4607	0.1916	0.4432
gsalc	0.7778	0.0741	0.7059	0.7313	0.0884
haberman	0.7000	0.3000	0.6011	0.2012	0.8607
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.6394	0.1030	0.5745	0.5531	0.2136
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.5625	0.2917	0.4444	0.2821	0.4029
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.0800	0.4600	0.0825	-0.0045	0.4918
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.7742	0.2258	0.7741	0.5470	0.7087
heart-c	0.8333	0.1667	0.8326	0.6637	0.5926
heart-failure	0.9680	0.0320	0.9627	0.9249	0.1915
heart-quantum	0.7200	0.2800	0.7083	0.4167	0.8017
hepatitis	0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6282	0.3718	0.6263	0.2526	0.9032
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.7188	0.2812	0.7192	0.4375	0.7936
hiv1-proteasa	0.9073	0.0927	0.8273	0.6512	0.5143
hiva	0.9551	0.0449	0.5462	0.0765	0.5927
horse	0.5000	0.3333	0.4395	0.1960	0.7180
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.7649	0.2351	0.5077	0.0155	0.7853
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9777	0.0223	0.9297	0.8554	0.1927
hypothyroid	0.9045	0.0477	0.5901	0.5829	0.2273
hypothyroidT	0.9682	0.0318	0.8957	0.7892	0.4242
ilpd	0.5424	0.4576	0.6010	0.1629	0.7702
immuno-therapy	0.2222	0.7778	0.1818	0.0000	0.4150
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8571	0.1429	0.8291	0.6421	0.5116
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.7998	0.2002	0.5969	0.1556	0.7240
jvowels	0.9910	0.0020	0.9893	0.9898	0.0145
kc1	0.8720	0.1280	0.7267	0.4389	0.6257
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.5385	0.1846	0.2992	0.2200	0.5218
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.8678	0.0378	0.8699	0.8457	0.2168
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	1.0000	0.0000	1.0000	1.0000	0.0000
la1s-wc	0.8349	0.0550	0.8177	0.7939	0.2838
la2s-wc	0.8377	0.0541	0.8204	0.7985	0.2577
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.7647	0.0205	0.7374	0.7527	0.0670

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.6000	0.0800	0.6027	0.5493	0.1763
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8611	0.0185	0.8528	0.8509	0.0565
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6765	0.3235	0.6049	0.2043	0.8743
loan	0.9110	0.0890	0.9047	0.8087	0.4035
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8491	0.0431	0.7196	0.7895	0.1604
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9043	0.0957	0.9056	0.8064	0.4097
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.8233	0.1767	0.8103	0.5661	0.4409
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7292	0.2708	0.7342	0.4618	0.7625
marketing	0.8661	0.1339	0.7335	0.4669	0.6692
maternal	0.7921	0.1386	0.8097	0.6861	0.3783
math	0.5500	0.2250	0.4834	0.3265	0.6226
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8436	0.7778	0.1604
mental-health	0.1900	0.3240	0.1907	-0.0130	0.8860
messidor	0.6435	0.3565	0.6611	0.3051	0.8317
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8777	0.8428	0.1169
meter-D	0.6667	0.1667	0.5997	0.5284	0.2106
mfeat-fac	0.5300	0.0940	0.4088	0.4778	0.3102
mfeat-fou	0.1150	0.1770	0.0522	0.0167	0.5270
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.7550	0.0490	0.7652	0.7278	0.1743
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.8100	0.0380	0.8117	0.7889	0.1086
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6471	0.1412	0.6472	0.5584	0.3291
mobile	0.6538	0.0124	0.6438	0.6476	0.1480
monks-1	0.4909	0.5091	0.3293	0.0000	0.5293
monks-2	0.9836	0.0164	0.9820	0.9633	0.0783
monks-3	0.8750	0.1250	0.8752	0.7500	0.4986
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9848	0.0152	0.9724	0.9438	0.2026
MUT_ci300400a_cdk_ECFP2	0.8213	0.1787	0.8164	0.6328	0.6291
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ESTATE	0.7722	0.2278	0.7635	0.5253	0.7167
MUT_ci300400a_cdk_EXTENDED	0.8094	0.1906	0.8039	0.6078	0.6529
MUT_ci300400a_cdk_FCFP2	0.8335	0.1665	0.8279	0.6552	0.6010
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.8273	0.1727	0.8213	0.6411	0.6113
MUT_ci300400a_cdk_MACCS	0.8345	0.1655	0.8303	0.6606	0.6015
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.8144	0.1856	0.8077	0.6142	0.6391
MUT_ci300400a_rdkit_descriptors	0.8120	0.1880	0.8066	0.6118	0.6417
myocardial	0.0824	0.2294	0.1346	0.0580	0.3760
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.8095	0.1270	0.6955	0.4400	0.2175
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9736	0.0264	0.9556	0.9072	0.2846
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4306	0.3796	0.4026	0.0928	0.7522
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.8483	0.0433	0.8445	0.8230	0.1807
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9912	0.0088	0.9880	0.9757	0.1069
Occupancy_Estimation	0.9803	0.0099	0.9271	0.9401	0.0759
oh0-wc	0.8515	0.0297	0.8435	0.8310	0.1485
oh10-wc	0.7333	0.0533	0.7039	0.6982	0.2780
oh15-wc	0.6413	0.0717	0.6028	0.5964	0.3318
oh5-wc	0.8132	0.0374	0.8194	0.7897	0.1748
ohscal-wc	0.1129	0.1774	0.0203	0.0000	0.4003
olive	0.9123	0.0195	0.8306	0.8905	0.0531
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.7527	0.0495	0.6730	0.7247	0.2008
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.0356	0.9644	0.0344	0.0000	0.0956
ozone8hr	0.8814	0.1186	0.5517	0.1030	0.6959
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.8032	0.6054	0.6482
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8492	0.1508	0.8505	0.6987	0.5557
p53-mutants10%	0.0032	0.9968	0.0032	0.0000	0.0091
page-blocks	0.9598	0.0161	0.8180	0.7947	0.3416
parkinson	0.9500	0.0500	0.9482	0.8959	0.2600
parkinsons	0.7630	0.2370	0.7591	0.5132	0.7239
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9279	0.0721	0.7306	0.4612	0.6104
pcmac	0.4536	0.5464	0.4459	-0.1079	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pendigits	0.9891	0.0022	0.9891	0.9879	0.0190
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.3333	0.6667	0.2500	0.0000	0.5000
persistency	0.7697	0.2303	0.7516	0.5023	0.7314
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8150	0.1850	0.7900	0.5800	0.6635
phishing	0.9633	0.0367	0.9616	0.9231	0.2202
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8481	0.1519	0.8435	0.6657	0.5517
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6842	0.3158	0.6560	0.2808	0.7925
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5789	0.4211	0.5778	0.1556	0.9466
plrx	0.6111	0.3889	0.5439	0.0870	0.8978
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.3190	0.1946	0.2211	0.0407	0.8855
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9175	0.0825	0.6294	0.2361	0.5649
polish-2nd	0.9302	0.0698	0.5087	0.0173	0.6315
polish-3rd	0.0476	0.9524	0.0455	0.0000	0.1250
polish-4th	0.9071	0.0929	0.6147	0.2239	0.6279
polish-5th	0.8731	0.1269	0.6735	0.3176	0.6114
polya	0.6389	0.3611	0.6045	0.2090	0.9012
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.5556	0.2963	0.2564	0.0000	0.4323
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7500	0.2500	0.7643	0.5000	0.6660
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.1026	0.2512	0.2592	0.3598
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7761	0.2239	0.7493	0.4983	0.7315
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.7667	0.2333	0.7945	0.5333	0.5355
re0-wc	0.6933	0.0472	0.7153	0.6266	0.4682
re1-wc	0.6627	0.0270	0.6274	0.6297	0.4083
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6038	0.3962	0.6710	0.2713	0.7081
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8942	0.0353	0.8820	0.8699	0.1781

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.8865	0.1135	0.7930	0.5458	0.5865
scadi	0.4286	0.2286	0.4421	0.3333	0.2425
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9307	0.0198	0.9381	0.9190	0.0837
segmentation	0.8119	0.1881	0.8010	0.5999	0.6545
segmentO	0.9827	0.0173	0.9681	0.9342	0.2317
seismic	0.8953	0.1047	0.5863	0.1725	0.6696
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.7500	0.2500	0.5575	0.1100	0.7347
sens-2-gram	0.8026	0.1974	0.6311	0.2563	0.7266
sens-3-gram	0.8395	0.1605	0.6208	0.2395	0.7391
sens-4-gram	0.8263	0.1737	0.5857	0.1695	0.7589
sens-5-gram	0.8684	0.1316	0.6669	0.3205	0.6765
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.8886	0.1114	0.7370	0.4223	0.5790
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9967	0.0033	0.9950	0.9901	0.0456
smarket	0.9280	0.0720	0.9285	0.8561	0.3394
smart-farming	0.1400	0.4300	0.1219	-0.1448	0.8676
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2167	0.3133	0.2158	0.0209	0.8703
solar-flare	0.4388	0.1870	0.4306	0.3205	0.4697
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.8971	0.0108	0.7875	0.8868	0.0599
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9043	0.0957	0.9000	0.8000	0.4290
spect	0.8148	0.1852	0.7091	0.2373	0.3439
spectf	0.2857	0.7143	0.2222	0.0000	0.4711
spectrometer	0.5385	0.0342	0.4450	0.5131	0.1459
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.4000	0.1905	0.0000	0.2619
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8308	0.1692	0.7666	0.5284	0.6744
steel-d	0.9692	0.0308	0.8180	0.6100	0.5473
steel-k	0.9744	0.0256	0.9604	0.9206	0.1989
steel-o	0.8000	0.2000	0.7777	0.5551	0.6857
steel-p	0.9333	0.0667	0.7482	0.4840	0.5404
steel-s	0.9692	0.0308	0.8280	0.6507	0.5227
steel-z	0.9487	0.0513	0.8853	0.7545	0.4850
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.1806	0.8194	0.1529	0.0000	0.3656
stockb	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
streaming	0.8880	0.1120	0.8866	0.7726	0.4634
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.2300	0.3080	0.1959	-0.0793	0.8602
student-weekend	0.3231	0.2708	0.2757	0.1167	0.7250
student-workday	0.5625	0.1750	0.2110	0.1551	0.7084
studentap	0.5385	0.3077	0.5111	0.2909	0.5610
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5893	0.3000	0.5000
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9927	0.0013	0.9929	0.9920	0.0112
theorem	0.4173	0.5827	0.2945	0.0000	0.5272
thoracic	0.6383	0.3617	0.5403	0.0677	0.6990
thrombin	0.9895	0.0105	0.8552	0.6619	0.0402
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.3368	0.6632	0.2520	0.0000	0.5017
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f	0.5882	0.4118	0.4903	-0.0171	0.9466
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.4603	-0.0628	0.8856
trec11-wc	0.9268	0.0163	0.9192	0.9109	0.0397
trec12-wc	0.8710	0.0323	0.8941	0.8471	0.1112
trec21-wc	0.9394	0.0242	0.7612	0.8782	0.1107
trec23-wc	0.7143	0.0952	0.8202	0.6379	0.2231
trec31-wc	0.9570	0.0143	0.9187	0.9431	0.1044
trec41-wc	0.9432	0.0114	0.9413	0.9310	0.0744
trec45-wc	0.8696	0.0261	0.7851	0.8487	0.1240
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.2500	0.3750	0.1000	0.0000	0.4042
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8000	0.2000	0.7896	0.5779	0.6761
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9020	0.0980	0.6670	0.2570	0.4770
ur3_cobotops_stop	0.9075	0.0925	0.7589	0.3991	0.4772
urban	0.5970	0.0896	0.4387	0.5306	0.3043
urinalysis	0.9371	0.0629	0.7192	0.4373	0.6096
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7857	0.1071	0.7447	0.7096	0.2320
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.8372	0.1628	0.8410	0.6753	0.5648
vowel	0.7071	0.0533	0.7395	0.6778	0.1366
vowelZ	0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.8141	0.0186	0.7108	0.7933	0.1406
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2633	0.3683	0.2624	0.0171	0.8574
waveform	0.3400	0.4400	0.1692	0.0000	0.4157
weather-related	0.9615	0.0070	0.9616	0.9563	0.0484
web-phishing	0.8370	0.1086	0.8094	0.7188	0.4403
Weekly	0.9722	0.0278	0.9719	0.9436	0.1670
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9234	0.0766	0.8073	0.5313	0.5223
wine	0.2353	0.5098	0.1270	0.0000	0.3739
winequality-red	0.5346	0.1551	0.2884	0.3290	0.7083
winequality-white	0.5174	0.1379	0.3234	0.3651	0.7791
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9123	0.0877	0.9091	0.8017	0.2562
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.4054	0.1189	0.3653	0.3062	0.6625
yeastCYT-POX	0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1	0.9527	0.0473	0.6808	0.3410	0.5673
yeastME2	0.9392	0.0608	0.5817	0.1527	0.6285
zip	0.1828	0.1634	0.0641	0.0984	0.4077

Table 326: Detailed results for HTSVM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0145	0.0939	0.0573	0.0024	0.4170
abalone19	0.9115	0.0885	0.4768	-0.0134	0.1424
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.9665	0.0335	0.9311	0.8622	0.3156
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8492	0.1508	0.5066	0.0132	0.7200
AID_1431_KlekotaRothFingerprinter	0.7778	0.2222	0.4375	-0.1186	0.6506
AID_1431_MACCSFingerprinter	0.8016	0.1984	0.5496	0.0912	0.6486
AID_1878	0.7238	0.2762	0.5785	0.1549	0.8023
AID_602330	0.9062	0.0938	0.5729	0.1360	0.5750
AID_652128	0.8182	0.1212	0.4755	0.1341	0.4044
AID1284Morered	0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.8738	0.1262	0.4663	-0.0669	0.6884
AID1608red	0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red	0.9720	0.0280	0.5656	0.1289	0.5439
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9890	0.0110	0.4972	-0.0044	0.3483
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.4500	0.5500	0.3103	-0.3750	0.9873
AID644red	0.8000	0.2000	0.7619	0.5238	0.7028
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.8889	0.1111	0.8333	0.6087	0.2605
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8028	0.1972	0.7196	0.4364	0.7243
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.0286	0.3886	0.0111	0.0000	0.2706
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.6651	0.3349	0.6794	0.3383	0.7958
anneal	0.1910	0.3236	0.2857	0.1010	0.1725
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family	0.9680	0.0160	0.8781	0.9402	0.1670
anuran-genus	0.3088	0.1728	0.4269	0.2084	0.3515
anuran-species	0.2000	0.1600	0.2280	0.1291	0.3694
anxiety	0.0917	0.2019	0.0911	-0.0196	0.7672
apple-quality	0.9050	0.0950	0.9051	0.8100	0.4167
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.0000	0.1538	0.0000	0.0000	0.2896
auction	0.9314	0.0686	0.8685	0.7273	0.5078

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.0455	0.1736	0.0079	0.0000	0.3844
audit-risk	0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.8966	0.1034	0.9058	0.7943	0.3261
autos	0.8000	0.0667	0.6874	0.7452	0.1592
avila	0.0005	0.1666	0.0001	0.0000	0.3409
babies	0.3387	0.1889	0.1845	0.0937	0.7286
balance	0.0645	0.6237	0.0404	0.0000	0.3991
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria	0.8848	0.1152	0.8739	0.7463	0.4806
basehock	0.9548	0.0452	0.9553	0.9095	0.2347
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8571	0.1429	0.8644	0.7123	0.5001
biomed	0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.5000	0.5000	0.5000	0.0000	0.8803
breast-cancer-co	0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma	0.4545	0.5455	0.3125	0.0000	0.5306
breast-tissue	0.4545	0.1818	0.4410	0.3400	0.2991
bridges	0.0000	0.2857	0.0000	0.0000	0.3594
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.3000	0.7000	0.2308	0.0000	0.4809
caesarian	0.5000	0.5000	0.4667	-0.0667	0.9927
cancer	0.9420	0.0580	0.9374	0.8671	0.1938
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8563	0.0718	0.8680	0.7416	0.1449
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography	0.0423	0.1915	0.0081	0.0000	0.3785
cardiotocography-nsp	0.8920	0.0720	0.8118	0.7048	0.3577
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3477	0.4349	0.1720	0.0000	0.4145
cars	0.7250	0.1833	0.5805	0.4787	0.4488
cas_N6512_cdk_ECFP2	0.7727	0.2273	0.7707	0.5407	0.7130
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.7285	0.2715	0.7261	0.4485	0.7752
cas_N6512_rdkit_AVALON	0.7834	0.2166	0.7821	0.5643	0.6960
cas_N6512_RDkit_Avalon_FP	0.7868	0.2132	0.7864	0.5724	0.6883
cas_N6512_rdkit_descriptors	0.7569	0.2431	0.7548	0.5079	0.7365
cas_N6512_rdkit_FEATMORGAN	0.7788	0.2212	0.7783	0.5562	0.7027
cas_N6512_RDkit_Featmorgan_FP	0.7822	0.2178	0.7810	0.5620	0.6980
cas_N6512_RDkit_FP	0.7577	0.2423	0.7556	0.5097	0.7359
cas_N6512_rdkit_LAYERED	0.7262	0.2738	0.7255	0.4506	0.7853
cas_N6512_RDkit_Layered_FP	0.7331	0.2669	0.7309	0.4616	0.7763
cas_N6512_rdkit_MACCS	0.7849	0.2151	0.7831	0.5653	0.6909
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.7831	0.2169	0.7813	0.5622	0.6954
cas_N6512_RDkit_morgan_FP	0.7883	0.2117	0.7871	0.5742	0.6872

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7738	0.2262	0.7726	0.5451	0.7125
cas_N6512_RDkit_pattern_FP	0.7623	0.2377	0.7615	0.5227	0.7309
cas_N6512_rdkit_RDKITFP	0.7419	0.2581	0.7406	0.4812	0.7634
cas_N6512_rdkit_TORSION	0.7462	0.2538	0.7439	0.4865	0.7546
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7668	0.2332	0.7392	0.4768	0.7414
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.8953	0.1047	0.5637	0.1264	0.6495
cervical-H	0.9535	0.0465	0.7962	0.5764	0.5664
cervical-S	0.9651	0.0349	0.8916	0.7810	0.3406
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9971	0.0029	0.7822	0.4434	0.4711
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7730	0.2270	0.6588	0.3172	0.7793
churn-bigml	0.8951	0.1049	0.7854	0.5705	0.5973
ci900367j_MACCS	0.6842	0.3158	0.6812	0.3569	0.8248
circles	0.0400	0.0192	0.0204	0.0303	0.3654
cirrhosis	0.5476	0.3016	0.4973	0.1739	0.6189
cjs	0.9821	0.0060	0.9777	0.9782	0.0338
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8287	0.0856	0.7549	0.7392	0.3412
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678
cm1	0.8200	0.1800	0.6701	0.3077	0.6404
cmc	0.5034	0.3311	0.4967	0.2441	0.7389
cnae-9	0.8056	0.0432	0.7632	0.7812	0.1580
codon_usage	0.0614	0.1707	0.0315	0.0337	0.4214
coil20	0.0556	0.0944	0.0053	0.0000	0.4152
college	0.8442	0.1558	0.8099	0.6185	0.6246
collins	0.1800	0.1093	0.1549	0.1473	0.3084
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2	0.5517	0.4483	0.4972	-0.0053	0.9756
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.2759	0.7241	0.2162	0.0000	0.4638
colposcopies-5	0.1724	0.8276	0.1471	0.0000	0.3547
colposcopies-6	0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c	0.2414	0.7586	0.1944	0.0000	0.4342
column-2c	0.9032	0.0968	0.9061	0.7947	0.3833
column-3c	0.7742	0.1505	0.7171	0.6359	0.3722
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.6827	0.3173	0.6830	0.3656	0.8416
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.5000	0.2500	0.4000	0.3333	0.2418

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	0.8889	0.1111	0.8953	0.7692	0.3145
cultivars	0.0000	0.0500	0.0000	0.0000	0.4102
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1567	0.2811	0.1530	-0.0130	0.8865
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.8519	0.1481	0.8558	0.7037	0.5346
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.8415	0.6286	0.5283
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.1605	0.8395	0.1383	0.0000	0.3379
dementia	0.4800	0.5200	0.3243	0.0000	0.5302
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.7552	0.2448	0.5391	0.0778	0.8194
dermatology	0.0541	0.3153	0.0171	0.0000	0.4072
desharnais	0.1250	0.5833	0.0741	0.0000	0.3719
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.2500	0.5000	0.1333	0.0000	0.4234
DIA	0.7000	0.3000	0.6861	0.3455	0.7462
diabetes	0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5196	0.3203	0.4446	0.1555	0.7525
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.4167	0.5833	0.2941	0.0000	0.5271
diamonds	0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor	0.2500	0.7500	0.2000	0.0000	0.4422
dlbcl-nih	0.4167	0.5833	0.2941	0.0000	0.5271
dlbcl-stanford	0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5194	0.4806	0.5169	0.0338	0.9890
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.6727	0.2182	0.5997	0.4633	0.6079
drug-01	0.0160	0.2812	0.0045	0.0000	0.3564
drug-02	0.2926	0.2021	0.1591	0.0669	0.7372
drug-03	0.0000	0.2857	0.0000	0.0000	0.2510
drug-04	0.3936	0.1733	0.2429	0.1455	0.7406
drug-05	0.0106	0.2827	0.0030	0.0000	0.2235
drug-06	0.3511	0.1854	0.2568	0.1981	0.6654
drug-07	0.0000	0.2857	0.0000	0.0000	0.3126
drug-08	0.0266	0.2781	0.0074	0.0000	0.3167
drug-09	0.0000	0.2857	0.0000	0.0000	0.1381
drug-10	0.0106	0.2827	0.0030	0.0000	0.3328
drug-11	0.0106	0.2827	0.0030	0.0000	0.1514
drug-12	0.0000	0.2857	0.0000	0.0000	0.1983
drug-13	0.0160	0.2812	0.0046	-0.0003	0.3621
drug-14	0.0053	0.2842	0.0015	0.0000	0.3226
drug-15	0.0266	0.2781	0.0155	0.0008	0.3478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.0000	0.2857	0.0000	0.0000	0.3392
drug-17	0.2500	0.2143	0.1503	0.0291	0.8202
drug-18	0.0053	0.9947	0.0053	0.0000	0.0152
drug-19	0.0053	0.2842	0.0015	0.0000	0.2040
drybean	0.8773	0.0351	0.7730	0.8512	0.1462
ecoli	0.7353	0.0882	0.6219	0.6396	0.2414
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU	0.7576	0.2424	0.6474	0.2281	0.5602
ecoliOM	0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce	0.2100	0.3950	0.2102	-0.0540	0.8786
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.8992	0.1008	0.8980	0.7956	0.4327
eeg10%	0.3080	0.0865	0.3048	0.2403	0.6542
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5753	0.1699	0.5739	0.4582	0.4553
euthyroid	0.7975	0.2025	0.7351	0.3758	0.5397
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4725	0.5275	0.4727	-0.0544	1.0000
farm-ads	0.8961	0.1039	0.8956	0.7910	0.4423
fbis-wc	0.7886	0.0249	0.7306	0.7605	0.1903
fertility	0.6000	0.4000	0.3750	-0.1765	0.5613
finance	0.8235	0.1765	0.8228	0.6450	0.6189
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.1250	0.2917	0.0370	0.0000	0.3848
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.1346	0.4327	0.0593	0.0000	0.4133
gas	0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal	0.1875	0.5417	0.1053	0.0000	0.4117
gender	0.4905	0.3396	0.4365	0.1296	0.7446
gene	0.5110	0.3260	0.2255	0.0000	0.3731
german	0.6800	0.3200	0.6312	0.2575	0.8624
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.0952	0.3016	0.0290	0.0000	0.3526
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.6667	0.3333	0.6777	0.3408	0.8132
glassBWNFP	0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers	0.0909	0.9091	0.0833	0.0000	0.2192
glassNW	0.2381	0.7619	0.1923	0.0000	0.4310
glassTableware	0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP	0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM	0.5789	0.4211	0.5843	0.1648	0.9308
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.8452	0.1548	0.8465	0.6880	0.5623
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.4667	0.2667	0.4812	0.2814	0.4949
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.7000	0.3000	0.6011	0.2012	0.8607
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.7013	0.0853	0.5135	0.6080	0.3518
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth1%	0.4493	0.0918	0.0517	0.0000	0.2692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.1875	0.5417	0.1053	0.0000	0.4207
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.0800	0.4600	0.0370	0.0000	0.2279
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.7742	0.2258	0.7741	0.5470	0.7087
heart-c	0.8333	0.1667	0.8326	0.6637	0.5926
heart-failure	0.9680	0.0320	0.9627	0.9249	0.1915
heart-quantum	0.7200	0.2800	0.7083	0.4167	0.8017
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6282	0.3718	0.6263	0.2526	0.9032
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.0714	0.2321	0.0167	0.0000	0.3977
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.7188	0.2812	0.7192	0.4375	0.7936
hiv1-proteasa	0.9073	0.0927	0.8273	0.6512	0.5143
hiva	0.9551	0.0449	0.5462	0.0765	0.5927
horse	0.3333	0.4444	0.3566	-0.0012	0.7223
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.7649	0.2351	0.5077	0.0155	0.7853
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.9777	0.0223	0.9297	0.8554	0.1927
hypothyroid	0.9284	0.0358	0.5939	0.6144	0.2343
hypothyroidT	0.9682	0.0318	0.8957	0.7892	0.4242
ilpd	0.5424	0.4576	0.6010	0.1629	0.7702
immuno-therapy	0.2222	0.7778	0.1818	0.0000	0.4150
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8571	0.1429	0.8291	0.6421	0.5116
iris	0.6000	0.2667	0.4826	0.3571	0.4189
irish	0.4400	0.5600	0.3056	0.0000	0.5299
isolet	0.0372	0.0741	0.0028	0.0000	0.4203
jm1	0.7998	0.2002	0.5969	0.1556	0.7240
jvowels	0.9588	0.0091	0.9572	0.9534	0.0349
kc1	0.8720	0.1280	0.7267	0.4389	0.6257
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.8055	0.0556	0.8116	0.7731	0.2729
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.1180	0.0980	0.1973	0.1024	0.3717
krvskp	1.0000	0.0000	1.0000	1.0000	0.0000
la1s-wc	0.8571	0.0476	0.8315	0.8204	0.2611
la2s-wc	0.8841	0.0386	0.8776	0.8545	0.2036
labor	0.6667	0.3333	0.4000	0.0000	0.4644
leaf	0.1765	0.0716	0.1386	0.1477	0.2819

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.1000	0.1800	0.0182	0.0000	0.3852
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0380	0.0740	0.0028	0.0000	0.4195
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.4286	0.5714	0.3000	0.0000	0.5288
libra	0.1111	0.1185	0.0268	0.0424	0.4014
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.6765	0.3235	0.6049	0.2043	0.8743
loan	0.9110	0.0890	0.9047	0.8087	0.4035
localization	0.0316	0.1761	0.0056	0.0000	0.3471
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.0189	0.2803	0.0053	0.0000	0.3627
lung	0.0476	0.3810	0.0182	0.0000	0.2983
lung_discrete	0.2500	0.2143	0.0571	0.0000	0.3217
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.1111	0.2963	0.0333	0.0000	0.3682
machine-failure	0.9043	0.0957	0.9056	0.8064	0.4097
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.8233	0.1767	0.8103	0.5661	0.4409
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7292	0.2708	0.7342	0.4618	0.7625
marketing	0.8661	0.1339	0.7335	0.4669	0.6692
maternal	0.8218	0.1188	0.8277	0.7293	0.3776
math	0.1000	0.4500	0.0455	0.0000	0.3804
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1933	0.3227	0.1952	-0.0089	0.8712
messidor	0.6435	0.3565	0.6611	0.3051	0.8317
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	0.5556	0.2963	0.5333	0.4000	0.1667
meter-C	0.1111	0.4444	0.0500	0.0000	0.4142
meter-D	0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.4450	0.1110	0.4522	0.3833	0.3022
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.1800	0.1640	0.0783	0.0889	0.3880
mice-prot	0.1296	0.2176	0.0287	0.0000	0.4029
milk	0.4057	0.3962	0.1924	0.0000	0.3990
mines	0.7941	0.0824	0.7928	0.7416	0.2338
mobile	0.0175	0.0351	0.0006	0.0000	0.4297
monks-1	0.4909	0.5091	0.3293	0.0000	0.5293
monks-2	0.9836	0.0164	0.9820	0.9633	0.0783
monks-3	0.8750	0.1250	0.8752	0.7500	0.4986
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9848	0.0152	0.9724	0.9438	0.2026
MUT_ci300400a_cdk_ECFP2	0.8213	0.1787	0.8164	0.6328	0.6291

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.7976	0.2024	0.7901	0.5770	0.6662
MUT_ci300400a_cdk_ESTATE	0.7722	0.2278	0.7635	0.5253	0.7167
MUT_ci300400a_cdk_EXTENDED	0.8094	0.1906	0.8039	0.6078	0.6529
MUT_ci300400a_cdk_FCFP2	0.8335	0.1665	0.8279	0.6552	0.6010
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.8273	0.1727	0.8213	0.6411	0.6113
MUT_ci300400a_cdk_MACCS	0.8345	0.1655	0.8303	0.6606	0.6015
MUT_ci300400a_cdk_PUBCHEM	0.8659	0.1341	0.8616	0.7230	0.5275
MUT_ci300400a_cdk_STANDARD	0.8132	0.1868	0.8066	0.6122	0.6424
MUT_ci300400a_rdkit_descriptors	0.8120	0.1880	0.8066	0.6118	0.6417
myocardial	0.0294	0.2426	0.0071	0.0000	0.1481
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.7619	0.1587	0.5045	0.2391	0.2470
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.9736	0.0264	0.9556	0.9072	0.2846
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4028	0.3981	0.3451	0.0521	0.8119
nursery	0.3542	0.3229	0.2867	0.2338	0.2666
obesity	0.8768	0.0352	0.8732	0.8561	0.1457
obs	0.9907	0.0046	0.9871	0.9862	0.0146
occupancy	0.9912	0.0088	0.9880	0.9757	0.1069
Occupancy_Estimation	0.1737	0.4131	0.2618	0.1143	0.3112
oh0-wc	0.7030	0.0594	0.6547	0.6613	0.2768
oh10-wc	0.6000	0.0800	0.5533	0.5434	0.3565
oh15-wc	0.5435	0.0913	0.5673	0.4922	0.3953
oh5-wc	0.5275	0.0945	0.5051	0.4716	0.4125
olive	0.1754	0.1832	0.1185	0.0962	0.3135
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.1192	0.1762	0.0374	0.0209	0.4271
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.3600	0.6400	0.2647	0.0000	0.5117
ozone1hr	0.0356	0.9644	0.0344	0.0000	0.0956
ozone8hr	0.8814	0.1186	0.5517	0.1030	0.6959
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.8032	0.6054	0.6482
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8492	0.1508	0.8505	0.6987	0.5557
p53-mutants10%	0.0032	0.9968	0.0032	0.0000	0.0091
page-blocks	0.9598	0.0161	0.8167	0.7943	0.3087
parkinson	0.9500	0.0500	0.9482	0.8959	0.2600
parkinsons	0.7630	0.2370	0.7591	0.5132	0.7239
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7192	0.2808	0.4183	0.0000	0.4269
pasture	0.5000	0.3333	0.2222	0.0000	0.3770
pc1	0.9279	0.0721	0.7306	0.4612	0.6104
pcmac	0.4536	0.5464	0.4459	-0.1079	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.9017	0.0197	0.9282	0.8908	0.0521
period	0.3333	0.6667	0.2500	0.0000	0.5000
period-10f	0.3333	0.6667	0.2500	0.0000	0.5000
persistency	0.7697	0.2303	0.7516	0.5023	0.7314
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.8150	0.1850	0.7900	0.5800	0.6635
phishing	0.9633	0.0367	0.9616	0.9231	0.2202
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.8208	0.0512	0.8105	0.7903	0.1753
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.8392	0.0459	0.8259	0.8118	0.1866
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.8481	0.1519	0.8435	0.6657	0.5517
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6842	0.3158	0.6560	0.2808	0.7925
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5789	0.4211	0.5778	0.1556	0.9466
plrx	0.6111	0.3889	0.5439	0.0870	0.8978
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.0020	0.2852	0.0006	0.0000	0.2637
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9175	0.0825	0.6294	0.2361	0.5649
polish-2nd	0.9302	0.0698	0.5087	0.0173	0.6315
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9071	0.0929	0.6147	0.2239	0.6279
polish-5th	0.8731	0.1269	0.6735	0.3176	0.6114
polya	0.6389	0.3611	0.6045	0.2090	0.9012
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.0000	0.6667	0.0000	0.0000	0.3386
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.7500	0.2500	0.7643	0.5000	0.6660
prestige	0.4444	0.3704	0.4167	0.2105	0.3684
primary-tumor	0.0909	0.1399	0.0577	0.0323	0.4100
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7761	0.2239	0.7493	0.4983	0.7315
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9813	0.0075	0.9686	0.9749	0.0483
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.7667	0.2333	0.7945	0.5333	0.5355
re0-wc	0.7933	0.0318	0.8586	0.7297	0.2153
re1-wc	0.6566	0.0275	0.4874	0.6099	0.2992
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.4577	0.5423	0.3140	0.0000	0.5307
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.0875	0.3650	0.0322	0.0000	0.4005
rocket	0.6038	0.3962	0.6710	0.2713	0.7081
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimage	0.7263	0.0912	0.7488	0.6731	0.1895
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.8865	0.1135	0.7930	0.5458	0.5865
scadi	0.2857	0.2857	0.2074	0.1667	0.2293
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	0.5556	0.4444	0.3571	0.0000	0.5164
secom	0.0641	0.9359	0.0602	0.0000	0.1629
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.6667	0.2222	0.5714	0.5000	0.1761
segment	0.8355	0.0470	0.7815	0.8071	0.1043
segmentation	0.8119	0.1881	0.8010	0.5999	0.6545
segmentO	0.9827	0.0173	0.9681	0.9342	0.2317
seismic	0.8953	0.1047	0.5863	0.1725	0.6696
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.7500	0.2500	0.5575	0.1100	0.7347
sens-2-gram	0.8026	0.1974	0.6311	0.2563	0.7266
sens-3-gram	0.8395	0.1605	0.6208	0.2395	0.7391
sens-4-gram	0.8263	0.1737	0.5857	0.1695	0.7589
sens-5-gram	0.8684	0.1316	0.6669	0.3205	0.6765
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8581	0.1419	0.7378	0.4748	0.6751
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.8886	0.1114	0.7370	0.4223	0.5790
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9967	0.0033	0.9950	0.9901	0.0456
smarket	0.9280	0.0720	0.9285	0.8561	0.3394
smart-farming	0.1400	0.4300	0.1394	-0.1510	0.9066
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2033	0.3187	0.2033	0.0036	0.8698
solar-flare	0.4532	0.1823	0.5014	0.3195	0.4024
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.3382	0.0697	0.1066	0.2373	0.2831
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9043	0.0957	0.9000	0.8000	0.4290
spect	0.8148	0.1852	0.7091	0.2373	0.3439
spectf	0.2857	0.7143	0.2222	0.0000	0.4711
spectrometer	0.0192	0.0727	0.0014	0.0000	0.4054
splice-EI	0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE	0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles	0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored	0.2000	0.5333	0.1111	0.0000	0.4227
squash-unstored	0.0000	0.6667	0.0000	0.0000	0.3619
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8308	0.1692	0.7666	0.5284	0.6744
steel-d	0.9692	0.0308	0.8180	0.6100	0.5473
steel-k	0.9744	0.0256	0.9604	0.9206	0.1989
steel-o	0.8000	0.2000	0.7777	0.5551	0.6857
steel-p	0.9333	0.0667	0.7482	0.4840	0.5404
steel-s	0.9692	0.0308	0.8280	0.6507	0.5227
steel-z	0.9487	0.0513	0.8853	0.7545	0.4850
stellar	0.5945	0.2703	0.2486	0.0000	0.3397

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stock	0.1806	0.8194	0.1529	0.0000	0.3656
stockb	0.8987	0.0675	0.9107	0.8480	0.1288
streaming	0.8880	0.1120	0.8866	0.7726	0.4634
stress	0.2063	0.3175	0.0684	0.0000	0.4010
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0600	0.3760	0.0424	-0.0009	0.4873
student-weekend	0.0615	0.3754	0.0232	0.0000	0.3988
student-workday	0.0156	0.3937	0.0062	0.0000	0.2633
studentap	0.4615	0.3590	0.4553	0.1574	0.6947
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.7109	0.0526	0.6402	0.6793	0.1137
theorem	0.4173	0.5827	0.2945	0.0000	0.5272
thoracic	0.6383	0.3617	0.5403	0.0677	0.6990
thrombin	0.9895	0.0105	0.8552	0.6619	0.0402
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.3368	0.6632	0.2520	0.0000	0.5017
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f	0.5882	0.4118	0.4903	-0.0171	0.9466
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.4603	-0.0628	0.8856
trec11-wc	0.7561	0.0542	0.7155	0.6965	0.1926
trec12-wc	0.8065	0.0484	0.8210	0.7628	0.1195
trec21-wc	0.9091	0.0364	0.5873	0.8036	0.1816
trec23-wc	0.6190	0.1270	0.6367	0.4862	0.2489
trec31-wc	0.9140	0.0287	0.8671	0.8871	0.1551
trec41-wc	0.7273	0.0545	0.5994	0.6577	0.1830
trec45-wc	0.6667	0.0667	0.6107	0.6089	0.2705
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.2500	0.3750	0.1000	0.0000	0.4042
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.8000	0.2000	0.7896	0.5779	0.6761
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9020	0.0980	0.6670	0.2570	0.4770
ur3_cobotops_stop	0.9075	0.0925	0.7589	0.3991	0.4772
urban	0.0896	0.2023	0.0183	0.0000	0.3868
urinalysis	0.9371	0.0629	0.7192	0.4373	0.6096
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7738	0.1131	0.7417	0.6957	0.2289
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.8372	0.1628	0.8410	0.6753	0.5648
vowel	0.5152	0.0882	0.4619	0.4667	0.2650
vowelZ	0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.5705	0.0429	0.4658	0.5339	0.3234

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
warpar10p	0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.7984	0.0576	0.8025	0.7641	0.2112
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2833	0.3583	0.2805	0.0460	0.8312
waveform	0.3260	0.4493	0.1639	0.0000	0.4176
weather-related	0.2712	0.1325	0.2352	0.1727	0.3730
web-phishing	0.8222	0.1185	0.7607	0.6932	0.4714
Weekly	0.9722	0.0278	0.9719	0.9436	0.1670
weight-lift	0.8245	0.0702	0.8296	0.7760	0.1443
white-clover	0.3333	0.6667	0.2500	0.0000	0.5000
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9234	0.0766	0.8073	0.5313	0.5223
wine	0.1765	0.5490	0.1000	0.0000	0.3845
winequality-red	0.0063	0.3312	0.0021	0.0000	0.3238
winequality-white	0.0000	0.2857	0.0000	0.0000	0.3255
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9123	0.0877	0.9091	0.8017	0.2562
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.0000	0.2000	0.0000	0.0000	0.3504
yeastCYT-POX	0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1	0.9527	0.0473	0.6808	0.3410	0.5673
yeastME2	0.9392	0.0608	0.5817	0.1527	0.6285
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 327: Detailed results for ID3

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1175	0.0609	0.0870	0.0379	0.6328
abalone19	0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9803	0.0197	0.7113	0.4224	0.5499
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.9665	0.0335	0.9299	0.8597	0.2996
adult	0.8192	0.1808	0.7477	0.4953	0.6982
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_KlekotaRothFingerprinter	0.8254	0.1746	0.4522	-0.0957	0.7098
AID_1431_MACCSFingerprinter	0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1878	0.7810	0.2190	0.5517	0.0938	0.8044
AID_602330	0.8906	0.1094	0.4711	-0.0544	0.5496
AID_652128	0.8586	0.0943	0.4253	0.2351	0.3823
AID1284Morered	0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red	0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered	0.8447	0.1553	0.4579	-0.0828	0.6424
AID1608red	0.8544	0.1456	0.4607	-0.0752	0.5990
AID362red	0.9813	0.0187	0.4953	-0.0071	0.5505
AID373AID439red	0.9990	0.0010	0.4997	-0.0003	0.2203
AID373red	0.9982	0.0018	0.4995	-0.0009	0.5226
AID439Morered	0.8571	0.1429	0.8250	0.5882	0.5283
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9950	0.0050	0.4987	-0.0024	0.5429
AID604	0.9986	0.0014	0.8979	0.7930	0.2577
AID604AID644_AllRed	0.9992	0.0008	0.7740	0.5450	0.4502
AID644Morered	0.7000	0.3000	0.6098	0.2105	0.8520
AID644red	0.7500	0.2500	0.7174	0.4318	0.7663
AID687AID721red	0.9973	0.0027	0.4993	-0.0009	0.2855
AID687red	0.9943	0.0057	0.5463	0.0924	0.5227
AID688red	0.9823	0.0177	0.4955	-0.0089	0.5445
AID721morered	0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red	0.4444	0.5556	0.4696	-0.0465	0.7758
AID746AID1284red	0.9985	0.0015	0.4996	-0.0007	0.5338
AID746red	0.9886	0.0114	0.5836	0.1651	0.5311
aids	0.8732	0.1268	0.8232	0.6450	0.5652
air_pollution	0.2100	0.2257	0.1280	-0.0230	0.9000
air-booking	0.7924	0.2076	0.5705	0.1405	0.7867
airline	0.9501	0.0499	0.9492	0.8983	0.2667
alcohol	0.8286	0.0686	0.4759	0.6049	0.2973
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.9349	0.0651	0.9285	0.8541	0.2971
anneal	0.9663	0.0135	0.9627	0.9297	0.1089
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9652	0.0174	0.9280	0.9335	0.1014
anuran-genus	0.9485	0.0129	0.8498	0.9150	0.1600
anuran-species	0.9514	0.0097	0.9040	0.9325	0.1457
anxiety	0.1250	0.1944	0.1223	0.0131	0.7798
apple-quality	0.8200	0.1800	0.8206	0.6400	0.6214
aps-failure	0.9900	0.0100	0.8558	0.7113	0.4069
arabidopsis	0.9842	0.0158	0.5344	0.0685	0.5332
arabidopsis0.1%	0.9824	0.0176	0.4955	-0.0089	0.5348
arabidopsis1%	0.9806	0.0194	0.5104	0.0200	0.4813
arabidopsis10%	0.9833	0.0167	0.5195	0.0387	0.5226

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.9000	0.1000	0.9010	0.7826	0.2846
arrhythmia	0.6444	0.0547	0.4156	0.4541	0.3100
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.8261	0.0145	0.3747	0.8000	0.0474
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7634	0.8693	0.0386
avila	0.9923	0.0013	0.9804	0.9900	0.0454
babies	0.2742	0.2074	0.1301	-0.0874	0.5841
balance	0.8548	0.0968	0.5935	0.7302	0.3597
bank	0.8895	0.1105	0.7214	0.4427	0.6536
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8065	0.1935	0.7879	0.5750	0.6686
basehock	0.9347	0.0653	0.9349	0.8694	0.3196
bio	0.9952	0.0048	0.8663	0.7324	0.4085
bio10%	0.9925	0.0076	0.8105	0.6169	0.5081
biodeg	0.8190	0.1810	0.8060	0.6107	0.6368
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9841	0.0011	0.1298	0.4318	1.0000
bitcoin1%	0.9763	0.0016	0.1161	0.3096	0.4087
bitcoin10%	0.9825	0.0012	0.1218	0.3906	0.6019
body-perf	0.6567	0.1716	0.6579	0.5423	0.5021
bookings	0.9880	0.0080	0.7867	0.9747	0.1069
brain-tumor	0.4910	0.5090	0.4909	-0.0182	1.0000
breast-cancer	0.6786	0.3214	0.6506	0.2921	0.8190
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.3636	0.6364	0.3446	-0.3051	1.0000
breast-tissue	0.7273	0.0909	0.7081	0.6667	0.1559
bridges	0.7000	0.0857	0.5073	0.5946	0.1534
bub10at310k-hg16-17	0.9089	0.0911	0.6397	0.2294	0.5747
bub12at310k-hg16-17	0.8721	0.1279	0.6222	0.2443	0.6961
bub8at310k-hg16-17	0.8709	0.1291	0.6439	0.2856	0.6848
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4080	0.3947	0.3296	-0.0309	0.8128
car	0.9540	0.0230	0.9276	0.9043	0.1923
car-insurance	0.8050	0.1950	0.7727	0.5454	0.6888
card	0.7681	0.2319	0.7603	0.5196	0.7249
cardiotocography	0.8310	0.0338	0.7871	0.7987	0.2111
cardiotocography-nsp	0.9155	0.0563	0.8575	0.7717	0.3574
cardiovascular	0.6486	0.3514	0.6489	0.2972	0.8802
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.9000	0.0667	0.8471	0.8178	0.2204
cas_N6512_cdk_ECFP2	0.7051	0.2949	0.7103	0.4144	0.7962
cas_N6512_rdkit_ATOMPAIR	0.7062	0.2938	0.7040	0.4078	0.8142
cas_N6512_RDkit_AtomPair_FP	0.7193	0.2807	0.7171	0.4339	0.7962
cas_N6512_rdkit_AVALON	0.7588	0.2412	0.7571	0.5141	0.7373
cas_N6512_RDkit_Avalon_FP	0.7592	0.2408	0.7584	0.5166	0.7358
cas_N6512_rdkit_descriptors	0.7369	0.2631	0.7356	0.4711	0.7709
cas_N6512_rdkit_FEATMORGAN	0.7389	0.2611	0.7374	0.4748	0.7681
cas_N6512_RDkit_Featmorgan_FP	0.7362	0.2638	0.7348	0.4695	0.7720
cas_N6512_RDkit_FP	0.7117	0.2883	0.7111	0.4218	0.8050
cas_N6512_rdkit_LAYERED	0.7323	0.2677	0.7316	0.4630	0.7764
cas_N6512_RDkit_Layered_FP	0.7515	0.2485	0.7494	0.4982	0.7477

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7558	0.2442	0.7535	0.5055	0.7388
cas_N6512_RDkit_MACCS_FP	0.7715	0.2285	0.7718	0.5425	0.7127
cas_N6512_rdkit_MORGAN	0.7446	0.2554	0.7423	0.4837	0.7577
cas_N6512_RDkit_morgan_FP	0.7178	0.2822	0.7158	0.4314	0.7985
cas_N6512_rdkit_PATTERN	0.7400	0.2600	0.7400	0.4793	0.7634
cas_N6512_RDkit_pattern_FP	0.7362	0.2638	0.7373	0.4728	0.7662
cas_N6512_rdkit_RDKITFP	0.7112	0.2888	0.7091	0.4181	0.8074
cas_N6512_rdkit_TORSION	0.7323	0.2677	0.7336	0.4652	0.7711
ccds	0.9325	0.0675	0.6149	0.2266	0.6118
ccds1%	0.9148	0.0852	0.5634	0.1201	0.5748
ccds10%	0.9216	0.0784	0.5586	0.1140	0.5932
cdc_diabetes	0.8058	0.1295	0.4016	0.1938	0.6188
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7513	0.2487	0.7426	0.4795	0.7435
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9642	0.0358	0.7686	0.5333	0.5112
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9321	0.0679	0.5443	0.0827	0.6485
CDS49_AID687_Rdkit-ecfp4-fp	0.9964	0.0036	0.4991	-0.0016	0.5401
census	0.9362	0.0638	0.7259	0.4515	0.5998
census10%	0.9382	0.0618	0.7172	0.4341	0.6020
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9070	0.0930	0.5792	0.1527	0.6760
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.7962	0.5764	0.5664
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9193	0.0403	0.9088	0.8793	0.1836
chrom19	0.9997	0.0003	0.9174	0.8347	0.2948
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9994	0.0006	0.8601	0.7176	0.4463
chrom21	0.9995	0.0005	0.4999	-0.0002	0.4119
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9990	0.0010	0.4997	-0.0004	0.2927
chronic-kidney	0.9036	0.0964	0.6889	0.3762	0.6516
churn	0.7950	0.2050	0.6896	0.3790	0.7520
churn-bigml	0.9438	0.0562	0.8810	0.7567	0.3620
ci900367j_MACCS	0.6842	0.3158	0.6860	0.3636	0.8144
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.6613	0.4889	0.5343
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7444	0.1278	0.5811	0.6109	0.5270
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5510	0.2993	0.5188	0.2945	0.7100
cnae-9	0.8889	0.0247	0.8906	0.8750	0.1218
codon_usage	0.8143	0.0338	0.6176	0.7743	0.3455
coil20	0.8958	0.0104	0.9006	0.8903	0.0698
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	0.9600	0.0053	0.8888	0.9560	0.0124
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.6947	0.3895	0.8063
colposcopies-2	0.7586	0.2414	0.7403	0.4377	0.6462
colposcopies-3	0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6	0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c	0.6207	0.3793	0.5499	0.0963	0.8547
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5317	0.4683	0.5314	0.0318	0.7805
comedy_comparisons1%	0.5154	0.4846	0.4931	-0.0021	0.6490
comedy_comparisons10%	0.5211	0.4789	0.5273	0.0094	0.6303
connect-4	0.9805	0.0130	0.7013	0.5612	0.4703
cottonmeloidogyne	0.6923	0.3077	0.6942	0.3853	0.8227
coupon	0.6877	0.3123	0.6801	0.3600	0.8404
covid19	0.5334	0.1333	0.2123	0.1794	0.5167
covtype	0.9431	0.0163	0.9114	0.9086	0.1597
covtype10%	0.8308	0.0483	0.7619	0.7273	0.3434
covtypeCD	0.9866	0.0134	0.9716	0.9432	0.1648
covtypeT	0.9787	0.0213	0.9178	0.8356	0.3229
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9991	0.0009	0.8660	0.7307	0.3491
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.9014	0.0329	0.7946	0.7951	0.3587
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.1875	0.0406	0.1036	0.1672	0.1301
customer-churn	0.9754	0.0246	0.6878	0.3755	0.5665
cybersecurity	0.1367	0.2878	0.1360	-0.0373	0.8953
cyclopentane	0.5926	0.4074	0.6000	0.1951	0.9130
cylinder-bands	0.7778	0.2222	0.7761	0.5506	0.7038
darwin	0.7222	0.2778	0.7358	0.4444	0.7161
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0922	0.1816	0.0921	-0.0086	0.9332
day1%	0.9745	0.0255	0.9723	0.9444	0.1631
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.7343	0.2657	0.6169	0.2338	0.8222
defect	0.9321	0.0679	0.8704	0.7399	0.4407
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8702	0.1298	0.6861	0.3722	0.6883
depressed	0.7203	0.2797	0.4993	-0.0014	0.8265
dermatology	0.9189	0.0270	0.9220	0.8987	0.0899
desharnais	0.5000	0.3333	0.5588	0.2381	0.5156
dexter	0.9167	0.0833	0.9169	0.8333	0.3792
df_final	0.5000	0.3333	0.5723	0.2558	0.4749
DIA	0.7667	0.2333	0.7029	0.4043	0.7642
diabetes	0.9038	0.0962	0.8978	0.7950	0.4246
diabetes-100k	0.9568	0.0432	0.8559	0.7109	0.4356
diabetes-risk	0.8829	0.1171	0.8218	0.6436	0.5745
diabetic	0.5073	0.3285	0.3976	0.1180	0.7738
diabetic1%	0.4902	0.3399	0.3873	0.0861	0.7721
diabetic10%	0.4872	0.3418	0.3818	0.0766	0.7711
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7293	0.1083	0.7357	0.6204	0.4013
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9920	0.0080	0.5246	0.0440	0.4223
dna1%	0.9926	0.0074	0.5178	0.0328	0.4369
dna10%	0.9932	0.0068	0.5269	0.0510	0.4634
dorothea	0.9217	0.0783	0.7647	0.5285	0.5845
dota2	0.5153	0.4847	0.5145	0.0291	0.9903
dota210%	0.5087	0.4913	0.5069	0.0137	0.9951
drebin	0.9734	0.0266	0.9720	0.9434	0.1787
dropout	0.7223	0.1851	0.6646	0.5501	0.5405

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3457	0.1869	0.2296	0.0816	0.7005
drug-02	0.3936	0.1733	0.1777	0.0953	0.7545
drug-03	0.5479	0.1292	0.1390	0.0001	0.5228
drug-04	0.4415	0.1596	0.2652	0.1517	0.7916
drug-05	0.5904	0.1170	0.1201	-0.0287	0.6618
drug-06	0.3191	0.1945	0.2543	0.1749	0.6990
drug-07	0.3936	0.1733	0.1619	0.0565	0.6515
drug-08	0.4202	0.1657	0.1585	0.0562	0.6955
drug-09	0.8138	0.0532	0.1744	0.1533	0.6122
drug-10	0.4468	0.1581	0.1861	0.1208	0.8279
drug-11	0.7979	0.0578	0.2032	0.1241	0.6360
drug-12	0.6809	0.0912	0.2384	0.0857	0.6536
drug-13	0.5000	0.1429	0.1526	0.1440	0.7352
drug-14	0.5426	0.1307	0.2564	0.2398	0.6671
drug-15	0.6809	0.0912	0.1890	0.1339	0.7746
drug-16	0.5266	0.1353	0.2647	0.2745	0.5887
drug-17	0.2394	0.2173	0.1502	0.0341	0.8462
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6862	0.0897	0.1686	0.1205	0.5231
drybean	0.8913	0.0311	0.9093	0.8687	0.1705
ecoli	0.7941	0.0515	0.4754	0.7119	0.1654
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2752	0.0276	0.8319
eeg	0.3878	0.0765	0.3915	0.3233	0.7187
eeg-eye	0.8311	0.1689	0.8290	0.6577	0.6035
eeg10%	0.2961	0.0880	0.2571	0.2206	0.7323
email_phishing	0.9872	0.0128	0.7101	0.4058	0.4849
eucalyptus	0.6301	0.1479	0.6282	0.5287	0.4267
euthyroid	0.9557	0.0443	0.8683	0.7344	0.3988
exon.vs.intron-freq	0.9636	0.0364	0.9635	0.9270	0.2108
exon.vs.intron-freq10%	0.9287	0.0713	0.9285	0.8570	0.3435
fakenews	0.5400	0.4600	0.5400	0.0800	0.9753
farm-ads	0.8527	0.1473	0.8520	0.7041	0.5555
fbis-wc	0.7154	0.0335	0.6006	0.6784	0.2834
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.7255	0.2745	0.7230	0.4324	0.7568
financial-risk	0.9155	0.0282	0.7151	0.8667	0.1686
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.5000	0.1250	0.3257	0.3769	0.3036
fonts	0.8104	0.0025	0.6283	0.8019	0.3186
fonts10%	0.6177	0.0050	0.3306	0.6006	0.4774
forest	0.8846	0.0577	0.8691	0.8411	0.1798
gas	0.9799	0.0067	0.9788	0.9756	0.0474
gastrointestinal	0.6250	0.2500	0.5916	0.3846	0.5695
gender	0.5179	0.3214	0.4164	0.0788	0.7464
gene	0.9054	0.0631	0.8933	0.8474	0.2610
german	0.6400	0.3600	0.5890	0.1762	0.9067
gestures	0.7791	0.1104	0.7791	0.7055	0.3792
gina	0.8847	0.1153	0.8847	0.7694	0.4747
gisette	0.9543	0.0457	0.9544	0.9086	0.2468
glass	0.7143	0.0952	0.7042	0.6075	0.2841
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.8947	0.1053	0.8944	0.7889	0.4478
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8452	0.1548	0.8403	0.6803	0.5766
green	0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage	0.4667	0.2667	0.3803	0.2547	0.5134
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.9195	0.0134	0.7742	0.9049	0.1077
har	0.9628	0.0149	0.9608	0.9529	0.0902
har70	0.9083	0.0262	0.6186	0.8652	0.3361
har701%	0.8801	0.0343	0.5713	0.8238	0.3442
har7010%	0.8983	0.0291	0.5745	0.8501	0.3389
harth	0.8675	0.0221	0.6275	0.8203	0.2595
harth1%	0.8318	0.0280	0.5425	0.7723	0.3099
harth10%	0.8523	0.0246	0.5926	0.7997	0.2826
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.4118	0.5882	0.4338	-0.1184	0.9827
health-activity	0.6600	0.1700	0.2576	0.0738	0.5669
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8065	0.1935	0.8199	0.6189	0.5820
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.9720	0.0280	0.9674	0.9341	0.1602
heart-quantum	0.8600	0.1400	0.8557	0.7107	0.5461
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.8184	0.1816	0.8185	0.6369	0.6283
hepmass1%	0.8023	0.1977	0.8023	0.6045	0.6600
hepmass10%	0.8122	0.1878	0.8122	0.6243	0.6408
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.6696	0.3304	0.6691	0.3379	0.8579
higgs0.1%	0.6118	0.3882	0.6106	0.2213	0.9181
higgs1%	0.6316	0.3684	0.6305	0.2610	0.8991
higgs10%	0.6497	0.3503	0.6487	0.2974	0.8806
higher	0.2143	0.1964	0.1190	0.0778	0.3589
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8567	0.1433	0.7298	0.4565	0.6680
hiva	0.9480	0.0520	0.5310	0.0583	0.6284
horse	0.6667	0.2222	0.6369	0.4368	0.6085
hotel-reservartions	0.8809	0.1191	0.8645	0.7291	0.5127
hr	0.7825	0.2175	0.5768	0.1523	0.7601
ht-sensor	0.9997	0.0002	0.9997	0.9995	0.0021
ht-sensor10%	0.9970	0.0020	0.9971	0.9955	0.0149
htru2	0.9704	0.0296	0.9123	0.8245	0.3590
hypothyroid	0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9707	0.0147	0.9708	0.9609	0.0663
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.7792	0.0170	0.7825	0.7704	0.1905

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.7631	0.2369	0.6098	0.2192	0.8060
jvowels	0.8685	0.0292	0.8623	0.8509	0.1941
kc1	0.8246	0.1754	0.6467	0.2918	0.7451
kc1-class-level-defectiveornot	0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect	0.5714	0.0357	0.0370	0.2500	0.1497
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7308	0.2692	0.5965	0.1929	0.8287
kdc-4007	0.5810	0.1047	0.5118	0.5108	0.4989
kddcup98	0.8994	0.1006	0.5001	0.0002	0.6359
kddcup981%	0.8947	0.1053	0.4722	-0.0556	0.6436
kddcup9810%	0.8953	0.1047	0.5008	0.0015	0.6307
kddcup99	1.0000	0.0000	0.6396	0.9999	0.0033
kddcup991%	0.9980	0.0002	0.4681	0.9966	0.0096
kddcup9910%	0.9996	0.0000	0.7130	0.9994	0.0402
kepler	0.8609	0.0927	0.8127	0.7710	0.2571
kidney	0.6495	0.1402	0.1899	-0.0159	0.7991
kidney-disease	0.9250	0.0750	0.9216	0.8421	0.3697
krkopt	0.7440	0.0284	0.7480	0.7143	0.3006
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc	0.7714	0.0762	0.7427	0.7102	0.3545
la2s-wc	0.7715	0.0762	0.7415	0.7105	0.3527
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6176	0.0191	0.3219	0.5985	0.0735
led24	0.6500	0.0700	0.6162	0.6034	0.1921
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8810	0.0092	0.8821	0.8762	0.1346
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7222	0.0370	0.7039	0.7017	0.1022
linkage	1.0000	0.0000	0.9988	0.9976	0.0117
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0001
liver	0.6176	0.3824	0.5940	0.1845	0.8870
loan	0.9836	0.0164	0.9825	0.9651	0.1160
localization	0.6989	0.0547	0.4918	0.6228	0.5575
localization10%	0.6159	0.0698	0.3648	0.5162	0.6319
lrs	0.8113	0.0377	0.4010	0.7374	0.1438
lung	0.8571	0.0571	0.7778	0.6986	0.1108
lung_discrete	0.6250	0.1071	0.5000	0.5636	0.1245
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7099	0.7790	0.0679
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0494	0.3810	0.7000	0.0587
machine-failure	0.8830	0.1170	0.8796	0.7544	0.4568
madelon	0.7654	0.2346	0.7658	0.5308	0.7231
magic04	0.8301	0.1699	0.8121	0.6240	0.6248
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7604	0.2396	0.7598	0.5196	0.7338
marketing	0.8571	0.1429	0.7085	0.4168	0.6897
maternal	0.7822	0.1452	0.7849	0.6711	0.4366
math	0.8250	0.0875	0.7636	0.7315	0.3244
mba	0.7677	0.1548	0.3921	0.1726	0.6312
mental-disorders	0.8333	0.0833	0.8333	0.7778	0.1667
mental-health	0.2200	0.3120	0.2200	0.0236	0.8652

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6174	0.3826	0.6146	0.2287	0.9097
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.7875	0.7702	0.2056
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9050	0.0190	0.9071	0.8944	0.1013
mfeat-fou	0.7600	0.0480	0.7600	0.7333	0.2155
mfeat-kar	0.8050	0.0390	0.8117	0.7833	0.2079
mfeat-mor	0.6900	0.0620	0.6883	0.6556	0.2195
mfeat-pix	0.8700	0.0260	0.8753	0.8556	0.1488
mfeat-zer	0.6250	0.0750	0.6353	0.5833	0.3087
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5799	0.4854	0.4007
mobile	0.6434	0.0127	0.6584	0.6369	0.1626
monks-1	0.7273	0.2727	0.7319	0.4562	0.7625
monks-2	0.9672	0.0328	0.9641	0.9257	0.1307
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3989	0.1093	0.4605	0.2875	0.6279
musk	0.9394	0.0606	0.8781	0.7522	0.3854
MUT_ci300400a_cdk_ECFP2	0.7446	0.2554	0.7505	0.4916	0.7326
MUT_ci300400a_cdk_ECFP4	0.7772	0.2228	0.7702	0.5403	0.7116
MUT_ci300400a_cdk_ECFP6	0.7389	0.2611	0.7307	0.4612	0.7727
MUT_ci300400a_cdk_ESTATE	0.7590	0.2410	0.7504	0.5001	0.7410
MUT_ci300400a_cdk_EXTENDED	0.8082	0.1918	0.8047	0.6087	0.6530
MUT_ci300400a_cdk_FCFP2	0.7952	0.2048	0.7895	0.5789	0.6797
MUT_ci300400a_cdk_FCFP4	0.7566	0.2434	0.7525	0.5041	0.7419
MUT_ci300400a_cdk_FCFP6	0.7662	0.2338	0.7610	0.5217	0.7286
MUT_ci300400a_cdk_MACCS	0.8118	0.1882	0.8083	0.6159	0.6462
MUT_ci300400a_cdk_PUBCHEM	0.8204	0.1796	0.8145	0.6287	0.6300
MUT_ci300400a_cdk_STANDARD	0.8228	0.1772	0.8169	0.6336	0.6251
MUT_ci300400a_rdkit_descriptors	0.7857	0.2143	0.7858	0.5685	0.6853
myocardial	0.8353	0.0412	0.2827	0.3378	0.3894
naticusdroid	0.9683	0.0317	0.9683	0.9366	0.1889
NCI60	0.5000	0.1667	0.4545	0.4000	0.1541
nci9	0.3333	0.1481	0.2222	0.2500	0.1458
ncRNA	0.9446	0.0058	0.7448	0.8548	0.6117
ncRNA1%	0.8803	0.0126	0.4517	0.6880	0.8530
ncRNA10%	0.9162	0.0088	0.5998	0.7793	0.7683
neo	0.9036	0.0964	0.7163	0.4322	0.6395
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.6975	0.0138	0.6752	0.6878	0.2443
newspop	0.5971	0.4029	0.5956	0.1912	0.9314
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9539	0.0461	0.9433	0.8865	0.2789
NPHA-doctor-visits	0.5139	0.3241	0.4598	0.1373	0.7020
nursery	0.9877	0.0049	0.7812	0.9819	0.0418
obesity	0.9526	0.0135	0.9531	0.9447	0.0658
obs	0.9815	0.0093	0.9872	0.9727	0.0458
occupancy	0.9912	0.0088	0.9877	0.9754	0.0938
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc	0.8317	0.0337	0.8201	0.8065	0.1562
oh10-wc	0.7143	0.0571	0.7107	0.6745	0.2751
oh15-wc	0.7283	0.0543	0.7111	0.6918	0.2469
oh5-wc	0.7582	0.0484	0.7572	0.7282	0.2433

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.6389	0.0722	0.6304	0.5961	0.4437
olive	0.8947	0.0234	0.9009	0.8669	0.0977
opn310k	0.8790	0.1210	0.6389	0.2777	0.6895
opn310k10%	0.8827	0.1173	0.6133	0.2255	0.6960
opnat310k-hg16-17	0.9094	0.0906	0.6641	0.3022	0.6075
optdigits	0.9057	0.0189	0.9095	0.8952	0.1302
optdigitsZ	0.9911	0.0089	0.9728	0.9456	0.1683
orl	0.5750	0.0213	0.5396	0.5641	0.0817
orlraws10P	0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9526	0.0474	0.6544	0.3087	0.6063
ozone8hr	0.8893	0.1107	0.5066	0.0123	0.7070
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7526	0.2474	0.7244	0.4489	0.7673
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8492	0.1508	0.8488	0.6975	0.5632
p53-mutants	0.9927	0.0073	0.6273	0.2544	0.5461
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9799	0.0080	0.9239	0.8879	0.2249
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.9100	0.0900	0.9039	0.8073	0.4094
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.8950	0.1050	0.8703	0.7405	0.4949
particle10%	0.8846	0.1154	0.8567	0.7133	0.5224
pasture	0.7500	0.1667	0.8333	0.6364	0.1981
pc1	0.8919	0.1081	0.5959	0.1917	0.6792
pcmac	0.4897	0.5103	0.4870	-0.0259	0.9921
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7680	0.5357	0.6714
pediatric-leukemia	0.6176	0.1092	0.5243	0.5242	0.2920
pendigits	0.9691	0.0062	0.9687	0.9656	0.0511
period	0.8889	0.1111	0.8953	0.7692	0.4011
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
persistency	0.7289	0.2711	0.7175	0.4336	0.7857
personalities	0.6542	0.0432	0.6547	0.6311	0.4408
pet-adoption	0.9200	0.0800	0.9095	0.8191	0.3963
phishing	0.9510	0.0490	0.9485	0.8965	0.2569
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.9947	0.0015	0.9942	0.9938	0.0099
phone-acc0.1%	0.9012	0.0282	0.8953	0.8846	0.1255
phone-acc1%	0.9860	0.0040	0.9851	0.9836	0.0279
phone-acc10%	0.9911	0.0025	0.9903	0.9896	0.0161
phone-gyr	0.9996	0.0001	0.9996	0.9995	0.0012
phone-gyr0.1%	0.9261	0.0211	0.9192	0.9136	0.0893
phone-gyr1%	0.9814	0.0053	0.9795	0.9783	0.0307
phone-gyr10%	0.9971	0.0008	0.9967	0.9966	0.0069
phoneme	0.8963	0.1037	0.8740	0.7476	0.4918
phy	0.6482	0.3518	0.6482	0.2964	0.8820
pima	0.7763	0.2237	0.7647	0.5292	0.7169
pirvision	0.9948	0.0035	0.9909	0.9835	0.0424
placement	0.7410	0.2590	0.7321	0.4633	0.7685
plant-growth	0.7895	0.2105	0.7933	0.5730	0.6420
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker	0.6401	0.0720	0.2871	0.3565	0.5275
poker1%	0.4839	0.1032	0.1205	0.0591	0.4528
poker10%	0.5642	0.0872	0.1732	0.2164	0.5788
polish-1st	0.9701	0.0299	0.8158	0.6286	0.5247
polish-2nd	0.9518	0.0482	0.6695	0.3386	0.6035
polish-3rd	0.9543	0.0457	0.7235	0.4431	0.5619

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9592	0.0408	0.7969	0.5938	0.5278
polish-5th	0.9577	0.0423	0.8344	0.6687	0.4837
polya	0.7027	0.2973	0.6751	0.3501	0.8321
popularity	0.5480	0.3013	0.3804	0.1041	0.7420
post-operative	0.6667	0.2222	0.3967	0.1818	0.4399
postures	0.9691	0.0123	0.9687	0.9614	0.0739
pred-tox_mutagen_ref-desc	0.5882	0.4118	0.5889	0.1765	0.9350
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.4242	0.0523	0.2191	0.3523	0.2071
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.5373	0.4627	0.5153	0.0299	0.9341
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9859	0.0056	0.9756	0.9811	0.0442
puc-rio10%	0.9644	0.0142	0.9371	0.9523	0.0908
pufs-128	0.4983	0.5017	0.4983	-0.0034	1.0000
pufs-1281%	0.4918	0.5082	0.4918	-0.0163	1.0000
pufs-12810%	0.5001	0.4999	0.5001	0.0001	0.9994
pufs-64	0.5007	0.4993	0.5007	0.0014	0.9991
pufs-641%	0.4983	0.5017	0.4983	-0.0034	1.0000
pufs-6410%	0.5022	0.4978	0.5022	0.0043	0.9981
pulsar	0.9737	0.0263	0.9213	0.8426	0.3196
raisin	0.8222	0.1778	0.8251	0.6444	0.6004
rcv1	0.2403	0.0429	0.0179	-0.0104	0.2835
rcv11%	0.6222	0.0143	0.2357	0.5761	0.3843
rcv110%	0.2526	0.0399	0.0216	0.0062	0.3036
re0-wc	0.8067	0.0297	0.7328	0.7511	0.2548
re1-wc	0.7831	0.0173	0.5782	0.7507	0.1646
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8084	0.0059	0.2751	0.7364	0.2503
rice	0.9824	0.0176	0.9822	0.9644	0.1184
rnaseq	0.9875	0.0050	0.9900	0.9835	0.0307
rocket	0.6386	0.3614	0.6291	0.2580	0.8922
RT_IOT2022	0.9984	0.0003	0.9686	0.9959	0.0039
satimage	0.8631	0.0456	0.8445	0.8315	0.2149
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9300	0.0700	0.8010	0.6013	0.5423
scadi	0.5714	0.1224	0.4762	0.4878	0.1295
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9167	0.0833	0.6361	0.2716	0.6539
secondary_mushroom	0.9985	0.0015	0.9985	0.9970	0.0150
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9453	0.9291	0.0850
segmentation	0.8267	0.1733	0.8118	0.6235	0.6316
segmentO	0.9913	0.0087	0.9834	0.9663	0.1466
seismic	0.9070	0.0930	0.5502	0.0961	0.6807
semeion	0.9874	0.0126	0.9653	0.9305	0.1848
sens-1-gram	0.8053	0.1947	0.5170	0.0330	0.7870
sens-10-gram	0.7927	0.2073	0.5337	0.0671	0.7821
sens-2-gram	0.7947	0.2053	0.5657	0.1313	0.7634
sens-3-gram	0.7711	0.2289	0.6029	0.1960	0.7227
sens-4-gram	0.8105	0.1895	0.6124	0.2236	0.7442
sens-5-gram	0.8053	0.1947	0.5666	0.1332	0.7674
sens-6-gram	0.8053	0.1947	0.5811	0.1621	0.7600

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8000	0.2000	0.5769	0.1536	0.7600
sens-8-gram	0.8026	0.1974	0.5859	0.1715	0.7562
sens-9-gram	0.7842	0.2158	0.5509	0.1015	0.7651
sensorless	0.9855	0.0026	0.9855	0.9840	0.0244
sepsis	0.9095	0.0905	0.6570	0.0031	0.2085
shoppers	0.8613	0.1387	0.7266	0.4527	0.6747
shuttle	0.9998	0.0000	0.8571	0.9995	0.0003
sick	0.9841	0.0159	0.9325	0.8612	0.1705
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9991	0.0009	0.9987	0.9974	0.0126
skin10%	0.9975	0.0025	0.9963	0.9925	0.0279
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2000	0.4000	0.1708	-0.0764	0.8351
smk_can_187	0.5263	0.4737	0.5444	0.0757	0.9099
smoking	0.7781	0.2219	0.7589	0.5173	0.7199
soil_pollution	0.1933	0.3227	0.1908	-0.0085	0.8757
solar-flare	0.7698	0.0767	0.6832	0.7047	0.2286
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9559	0.0046	0.9608	0.9517	0.0313
spam-detection	0.9455	0.0545	0.8381	0.6762	0.5008
spambase	0.9152	0.0848	0.9116	0.8232	0.3970
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer	0.4528	0.0228	0.2009	0.4241	0.1358
splice-EI	0.9527	0.0473	0.9376	0.8751	0.3052
splice-IE	0.9274	0.0726	0.8991	0.7982	0.4096
sport-articles	0.8100	0.1900	0.7952	0.5902	0.6610
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8995	0.0670	0.8713	0.8365	0.2332
steel-b	0.8103	0.1897	0.7118	0.4235	0.7296
steel-d	0.9744	0.0256	0.7677	0.5324	0.5024
steel-k	0.9897	0.0103	0.9843	0.9685	0.1057
steel-o	0.7897	0.2103	0.7678	0.5355	0.7048
steel-p	0.9128	0.0872	0.7023	0.4043	0.6376
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.9846	0.0154	0.9575	0.9145	0.2439
stellar	0.9668	0.0221	0.9616	0.9410	0.1154
stock	0.9236	0.0764	0.8636	0.7209	0.4165
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0362
stress	0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle	0.4950	0.2020	0.3231	0.2157	0.5850
student-depression	0.7724	0.2276	0.7649	0.5297	0.7202
student-habits	0.3900	0.2440	0.2446	0.0962	0.7576
student-weekend	0.2769	0.2892	0.2391	0.0447	0.7622
student-workday	0.6250	0.1500	0.2071	0.1405	0.5837
studentap	0.3846	0.4103	0.3158	0.0370	0.8223
susy	0.7211	0.2789	0.7187	0.4373	0.7942
susy1%	0.7154	0.2846	0.7131	0.4263	0.8020
susy10%	0.7231	0.2769	0.7208	0.4417	0.7914
swarm_aligned	0.9996	0.0004	0.9995	0.9990	0.0035
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.5072	0.2000	0.6242
telco-churn	0.8381	0.1619	0.7977	0.5946	0.6421
texture	0.9236	0.0139	0.9269	0.9158	0.1001

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.6224	0.2389	0.7461
thrombin	0.9581	0.0419	0.6719	0.3142	0.5407
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9263	0.0737	0.9170	0.8338	0.3663
tis	0.8743	0.1257	0.8307	0.6614	0.5685
tis10%	0.8881	0.1119	0.8418	0.6753	0.4868
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1250	0.4455	0.4286	0.1325
tox_171	0.4118	0.2941	0.4202	0.2202	0.6004
toxicity	0.6471	0.3529	0.6136	0.2273	0.8920
toxicity-13f	0.5882	0.4118	0.5662	0.1314	0.9243
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5282	0.0517	0.8718
trec11-wc	0.8293	0.0379	0.7420	0.7943	0.1547
trec12-wc	0.8065	0.0484	0.8587	0.7715	0.1910
trec21-wc	0.8788	0.0404	0.5989	0.7565	0.1656
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	0.9355	0.0184	0.8122	0.9148	0.1043
trec41-wc	0.8864	0.0227	0.7085	0.8615	0.1146
trec45-wc	0.8841	0.0232	0.7929	0.8639	0.0830
tuandromd	0.9821	0.0179	0.9722	0.9443	0.1640
turkish	0.7500	0.1250	0.7556	0.6667	0.3306
tvnews	0.9306	0.0694	0.9248	0.8492	0.3422
tvnews1%	0.8462	0.1538	0.8336	0.6668	0.5835
tvnews10%	0.8558	0.1442	0.8459	0.6917	0.5644
ur3_cobotops_grip	0.9660	0.0340	0.7027	0.4013	0.5585
ur3_cobotops_stop	0.9755	0.0245	0.7959	0.5599	0.3410
urban	0.8209	0.0398	0.8354	0.7903	0.1527
urinalysis	0.9510	0.0490	0.7274	0.4373	0.5211
url-rep1%	0.9783	0.0217	0.9756	0.9512	0.1483
ustilago	0.9774	0.0226	0.5429	0.0821	0.5012
ustilago1%	0.9853	0.0147	0.5879	0.1745	0.5633
ustilago10%	0.9774	0.0226	0.5319	0.0628	0.5254
vehicle	0.7619	0.1190	0.7130	0.6762	0.2519
vehicleVAN	0.9524	0.0476	0.9393	0.8769	0.3203
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.8140	0.1860	0.8280	0.6301	0.5432
vowel	0.4242	0.1047	0.4938	0.3667	0.3537
vowelZ	0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17	0.9068	0.0932	0.6569	0.2921	0.6235
wap-wc	0.6154	0.0385	0.4638	0.5706	0.3004
warpar10p	0.4615	0.1077	0.3200	0.3974	0.1595
warppie10p	0.8571	0.0286	0.8583	0.8409	0.0667
watch-acc	0.9998	0.0000	0.9998	0.9998	0.0006
watch-acc1%	0.9856	0.0041	0.9852	0.9831	0.0323
watch-acc10%	0.9988	0.0003	0.9988	0.9986	0.0038
watch-gyr	0.9999	0.0000	0.9999	0.9998	0.0005
watch-gyr1%	0.9885	0.0033	0.9882	0.9865	0.0254
watch-gyr10%	0.9990	0.0003	0.9990	0.9989	0.0032
water_pollution	0.2500	0.3750	0.2507	0.0008	0.8647
waveform	0.7460	0.1693	0.7473	0.6191	0.5008
weather-related	0.9654	0.0063	0.9648	0.9608	0.0524
web-phishing	0.8593	0.0938	0.8067	0.7496	0.4013
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9985	0.0006	0.9983	0.9981	0.0053
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9800	0.0100	0.9800	0.9733	0.0437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9731	0.0269	0.8850	0.7580	0.4775
wine	0.8235	0.1176	0.8368	0.6982	0.2770
winequality-red	0.5849	0.1384	0.2871	0.3375	0.4809
winequality-white	0.5235	0.1361	0.2707	0.2917	0.6481
winnipeg	0.9907	0.0027	0.9829	0.9882	0.0340
winnipeg10%	0.9810	0.0054	0.9769	0.9759	0.0447
wisc_bc	0.9474	0.0526	0.9432	0.8858	0.2729
yale	0.3750	0.0833	0.3636	0.3305	0.1541
yeast	0.5135	0.0973	0.3838	0.3712	0.3905
yeastCYT-POX	0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9324	0.0676	0.6251	0.2503	0.6337
zip	0.8796	0.0241	0.8689	0.8650	0.1755

Table 328: Detailed results for IREP(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1175	0.0609	0.0073	0.0004	0.3410
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9837	0.0163	0.6841	0.2309	0.2529
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9695	0.0305	0.9345	0.8637	0.1703
adult	0.8247	0.1753	0.7433	0.4819	0.6821
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9966	0.0034	0.6469	0.1076	0.1562
AID604AID644_AllRed	0.9988	0.0012	0.6219	0.2217	0.4869
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9938	0.0062	0.4984	-0.0003	0.1661
aids	0.8310	0.1690	0.7555	0.5032	0.6563
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8150	0.1850	0.8306	0.6368	0.5524
alcohol	0.7714	0.0914	0.2855	0.4524	0.2536
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.6930	0.3070	0.6622	0.3244	0.8448
anneal	0.9551	0.0180	0.9464	0.9049	0.1267
antivirus	0.9730	0.0270	0.9599	0.9165	0.2605
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9110	0.0445	0.8488	0.8260	0.1994
anuran-genus	0.9068	0.0233	0.8171	0.8391	0.1299
anuran-species	0.8986	0.0203	0.8114	0.8564	0.1304
anxiety	0.1250	0.1944	0.0247	0.0000	0.4034
apple-quality	0.6675	0.3325	0.6686	0.3350	0.8549
aps-failure	0.9858	0.0142	0.7683	0.5235	0.4346
arabidopsis0.1%	0.9882	0.0118	0.4970	-0.0044	0.5347
arabidopsis1%	0.9915	0.0085	0.5650	0.0626	0.3569
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.7556	0.0376	0.4386	0.5646	0.1385
auction	0.9804	0.0196	0.9602	0.9173	0.2720
audiology	0.6522	0.0290	0.2490	0.5991	0.0992
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.7273	0.2727	0.7243	0.4407	0.7669
autism-adult	0.9571	0.0429	0.9508	0.8968	0.2760
autism-child	0.8621	0.1379	0.8776	0.7264	0.3750
autos	0.7000	0.1000	0.6227	0.5918	0.2233
avila	0.8150	0.0308	0.8053	0.7496	0.1828
babies	0.3871	0.1751	0.0802	0.0036	0.2963
balance	0.6774	0.2151	0.4672	0.3945	0.4364
bank	0.9022	0.0978	0.7010	0.3577	0.5486
banknote	0.9343	0.0657	0.9343	0.8677	0.3237
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8318	0.1682	0.8140	0.6206	0.5927
basehock	0.7035	0.2965	0.7506	0.4087	0.5360
bio	0.9957	0.0043	0.8618	0.7049	0.2086
bio10%	0.9945	0.0055	0.8334	0.6639	0.3909
biodeg	0.7810	0.2190	0.7667	0.5333	0.7119
biomed	0.9048	0.0952	0.9114	0.8073	0.3522
bitcoin	0.9858	0.0013	0.0570	0.0078	0.0512
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0010	0.0342	0.0000	0.0117
body-perf	0.5634	0.2183	0.5980	0.4179	0.5143
bookings	0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor	0.4945	0.5055	0.4819	-0.0137	0.7769
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.7273	0.2727	0.7609	0.4211	0.4644
breast-tissue	0.5455	0.1515	0.5263	0.4608	0.2309
bridges	0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17	0.9102	0.0898	0.6365	0.2039	0.5366
bub12at310k-hg16-17	0.9127	0.0873	0.6429	0.1830	0.4648
bub8at310k-hg16-17	0.9109	0.0891	0.6430	0.2204	0.5396
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9565	0.0435	0.9518	0.9032	0.2392
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8793	0.0603	0.5727	0.7215	0.1711
car-insurance	0.8350	0.1650	0.8101	0.6200	0.6287
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.6854	0.0629	0.6277	0.6136	0.2545
cardiotocography-nsp	0.8498	0.1002	0.6596	0.4785	0.3600
cardiovascular	0.7248	0.2752	0.7248	0.4496	0.7874
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0106
cars	0.7000	0.2000	0.5784	0.4210	0.5072
cas_N6512_cdk_ECFP2	0.6759	0.3241	0.6732	0.3347	0.8272
cas_N6512_rdkit_ATOMPAIR	0.6631	0.3369	0.6624	0.3041	0.8205
cas_N6512_RDkit_AtomPair_FP	0.6979	0.3021	0.6949	0.3888	0.8236
cas_N6512_rdkit_AVALON	0.7281	0.2719	0.7256	0.4474	0.7759
cas_N6512_RDkit_Avalon_FP	0.7408	0.2592	0.7384	0.4757	0.7629
cas_N6512_rdkit_descriptors	0.6277	0.3723	0.6229	0.2437	0.9014
cas_N6512_rdkit_FEATMORGAN	0.6528	0.3472	0.6483	0.2928	0.8719
cas_N6512_RDkit_Featmorgan_FP	0.7101	0.2899	0.7105	0.4046	0.7703
cas_N6512_RDkit_FP	0.6825	0.3175	0.6806	0.3485	0.8163
cas_N6512_rdkit_LAYERED	0.6908	0.3092	0.6916	0.3625	0.7864
cas_N6512_RDkit_Layered_FP	0.6994	0.3006	0.6977	0.3844	0.7987
cas_N6512_rdkit_MACCS	0.7327	0.2673	0.7373	0.4485	0.7104

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7546	0.2454	0.7535	0.5001	0.7267
cas_N6512_rdkit_MORGAN	0.7062	0.2938	0.7135	0.4181	0.7867
cas_N6512_RDkit_morgan_FP	0.7239	0.2761	0.7213	0.4411	0.7873
cas_N6512_rdkit_PATTERN	0.7046	0.2954	0.7101	0.3885	0.7390
cas_N6512_RDkit_pattern_FP	0.7071	0.2929	0.7135	0.3933	0.7299
cas_N6512_rdkit_RDKITFP	0.6928	0.3072	0.6907	0.3718	0.8110
cas_N6512_rdkit_TORSION	0.6908	0.3092	0.6961	0.3862	0.8148
ccds1%	0.9560	0.0440	0.4888	-0.0097	0.4865
ccds10%	0.9608	0.0392	0.5392	0.0112	0.2534
cdc_diabetes	0.8448	0.1035	0.4059	0.0478	0.2183
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7306	0.2694	0.6872	0.3387	0.7340
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9461	0.0539	0.7225	0.4035	0.4724
census10%	0.9449	0.0551	0.7033	0.3821	0.5344
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8790	0.0605	0.6619	0.8169	0.1837
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9277	0.0723	0.6680	0.2273	0.4186
churn	0.8260	0.1740	0.6839	0.2626	0.5245
churn-bigml	0.9326	0.0674	0.8539	0.6744	0.2687
ci900367j_MACCS	0.6632	0.3368	0.6422	0.2844	0.8731
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6429	0.2381	0.4167	0.2317	0.4335
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7111	0.1444	0.4700	0.5419	0.4285
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.5333	0.4286	0.2709
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9	0.8333	0.0370	0.8529	0.8125	0.1494
codon_usage	0.6393	0.0656	0.4758	0.5533	0.3112
coil20	0.8542	0.0146	0.8989	0.8465	0.0775
college	0.8571	0.1429	0.8174	0.6344	0.5951
collins	0.8600	0.0187	0.7586	0.8462	0.0572
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.7241	0.2759	0.6748	0.2883	0.6939
colposcopies-2	0.5862	0.4138	0.5451	0.0890	0.9496
colposcopies-3	0.5517	0.4483	0.4686	-0.0386	0.8907
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.8387	0.1613	0.8092	0.5995	0.5508
column-3c	0.7419	0.1720	0.6201	0.5746	0.3103
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9818	0.0121	0.5923	0.3448	0.0358
cottonmeloidogyne	0.6707	0.3293	0.6749	0.3398	0.8319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
coupon	0.7011	0.2989	0.6928	0.3846	0.8227
covid19	0.5252	0.1357	0.2099	0.1226	0.3099
covtype	0.7545	0.0701	0.6611	0.5967	0.3646
covtype10%	0.7293	0.0774	0.5527	0.5495	0.3683
covtypeCD	0.9339	0.0661	0.8487	0.6497	0.1955
covtypeT	0.9590	0.0410	0.8305	0.6571	0.4438
crabs	0.6000	0.2000	0.6289	0.4667	0.3311
creditcard_trans	0.9992	0.0008	0.8728	0.7412	0.2918
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8295	0.0568	0.5955	0.5782	0.1766
cryotherapy	0.4444	0.5556	0.3077	-0.2162	0.9876
cultivars	0.0312	0.0484	0.0250	0.0284	0.3706
customer-churn	0.9794	0.0206	0.6200	0.1153	0.3080
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.5556	0.4444	0.5500	0.1000	0.9644
cylinder-bands	0.6296	0.3704	0.6311	0.2593	0.8883
darwin	0.6667	0.3333	0.6710	0.3333	0.8394
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.7143	0.2857	0.7407	0.3636	0.4644
default	0.8233	0.1767	0.7121	0.4016	0.6677
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8843	0.1157	0.6334	0.2066	0.5869
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8919	0.0360	0.8862	0.8618	0.0894
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.6333	0.3667	0.6687	0.2667	0.7126
df_final	0.6250	0.2500	0.4762	0.4000	0.3207
DIA	0.7667	0.2333	0.6384	0.2432	0.7461
diabetes	0.9038	0.0962	0.8987	0.7910	0.3835
diabetes-100k	0.9340	0.0660	0.7512	0.4776	0.4987
diabetes-risk	0.7959	0.2041	0.5993	0.0477	0.4671
diabetic	0.5666	0.2890	0.3648	0.1108	0.4891
diabetic1%	0.5294	0.3137	0.2308	-0.0172	0.4080
diabetic10%	0.5707	0.2862	0.3665	0.1263	0.5184
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8500	0.0750	0.8356	0.7929	0.2606
diamonds_all	0.6136	0.1545	0.5046	0.4271	0.4064
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5833	0.4167	0.5294	0.0323	0.7987
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9970	0.0030	0.4992	-0.0004	0.2737
dorothea	0.9304	0.0696	0.7832	0.5623	0.5389
dota2	0.5398	0.4602	0.5333	0.0378	0.8050
dota210%	0.5350	0.4650	0.5356	0.0710	0.9760
drebin	0.9321	0.0679	0.9283	0.8496	0.2633
dropout	0.7178	0.1881	0.6571	0.5462	0.5196
drug-01	0.4096	0.1687	0.2177	0.0243	0.2905
drug-02	0.5106	0.1398	0.0966	-0.0065	0.3378
drug-03	0.6809	0.0912	0.1157	-0.0148	0.2654
drug-04	0.5319	0.1337	0.1382	0.0366	0.3589
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3457	0.1869	0.1542	0.1339	0.3741
drug-07	0.4202	0.1657	0.0845	-0.0174	0.2826
drug-08	0.5745	0.1216	0.1654	0.0883	0.2693

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5372	0.1322	0.1005	0.0021	0.3141
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5798	0.1201	0.1056	0.0103	0.2566
drug-14	0.5957	0.1155	0.1924	0.0970	0.2871
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1368	0.0982	0.0041	0.2730
drug-17	0.3191	0.1945	0.0697	-0.0027	0.4035
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0077	0.2153
drybean	0.8641	0.0388	0.8523	0.8350	0.1916
ecoli	0.7059	0.0735	0.2883	0.5624	0.1756
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.2096	0.0988	0.2436	0.0847	0.3976
eeg-eye	0.6602	0.3398	0.6565	0.3131	0.8704
eeg10%	0.1658	0.1043	0.1515	0.0358	0.3804
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5342	0.1863	0.5456	0.3864	0.4615
euthyroid	0.9399	0.0601	0.8084	0.5325	0.1598
exon.vs.intron-freq	0.8854	0.1146	0.8872	0.7712	0.4604
exon.vs.intron-freq10%	0.8738	0.1262	0.8743	0.7476	0.4999
fakenews	0.5075	0.4925	0.5086	0.0062	0.7417
farm-ads	0.7415	0.2585	0.7648	0.4640	0.5688
fbis-wc	0.6382	0.0426	0.5302	0.5903	0.2309
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5098	0.4902	0.4261	-0.0687	0.8712
financial-risk	0.7435	0.0855	0.4668	0.5636	0.2557
fishcatch	0.6250	0.1250	0.3851	0.5102	0.2014
flags	0.5500	0.1125	0.2934	0.3960	0.2310
fonts10%	0.4015	0.0078	0.1041	0.3450	0.3251
forest	0.7885	0.1058	0.8004	0.7120	0.2643
gas	0.9202	0.0266	0.9198	0.9030	0.1464
gastrointestinal	0.7500	0.1667	0.5508	0.5524	0.2863
gender	0.6042	0.2639	0.3807	0.1396	0.5042
gene	0.9085	0.0610	0.9003	0.8537	0.2615
german	0.7000	0.3000	0.6432	0.2519	0.7851
gestures	0.6986	0.1507	0.7159	0.5981	0.4154
gina	0.8473	0.1527	0.8539	0.6932	0.5056
gisette	0.4457	0.5543	0.3083	-0.1086	0.8581
glass	0.5714	0.1429	0.3438	0.3762	0.2948
glass-g2	0.4375	0.5625	0.4826	-0.0286	0.9147
glassBWFP	0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP	0.6190	0.3810	0.5397	0.0769	0.9308
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7531	0.4809	0.6961
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.4000	0.3000	0.2679	0.1176	0.3067
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage	0.4000	0.3000	0.4048	0.1718	0.3989

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gsalc	0.4444	0.1852	0.5385	0.3571	0.2568
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.8445	0.0259	0.6274	0.8151	0.1498
har	0.8486	0.0605	0.8461	0.8082	0.2548
har70	0.8758	0.0355	0.5127	0.8153	0.1738
har701%	0.8575	0.0407	0.5044	0.7892	0.1887
har7010%	0.8722	0.0365	0.5109	0.8102	0.1801
harth	0.7561	0.0406	0.4148	0.6533	0.2129
harth1%	0.7471	0.0421	0.3620	0.6396	0.2180
harth10%	0.7576	0.0404	0.4179	0.6557	0.2144
hayes-roth	0.6250	0.2500	0.6839	0.4000	0.3918
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7037	0.2963	0.6928	0.3292	0.6996
heart-attack	0.7742	0.2258	0.7732	0.5353	0.6817
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.9040	0.0960	0.8961	0.7867	0.4467
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.8191	0.1809	0.8208	0.6386	0.6168
hepmass10%	0.8198	0.1802	0.8211	0.6398	0.6175
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.6200	0.3800	0.6176	0.2350	0.9111
higgs1%	0.6409	0.3591	0.6379	0.2744	0.8883
higgs10%	0.6543	0.3457	0.6519	0.2987	0.8658
higher	0.3571	0.1607	0.2402	0.1923	0.2843
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8432	0.1568	0.6620	0.2773	0.6406
hiva	0.9645	0.0355	0.6382	0.1986	0.4361
horse	0.5833	0.2778	0.4243	0.1781	0.5210
hotel-reservartions	0.7842	0.2158	0.7750	0.5408	0.6886
hr	0.8632	0.1368	0.5844	0.0359	0.4036
ht-sensor	0.9527	0.0316	0.9534	0.9287	0.1473
ht-sensor10%	0.9299	0.0467	0.9315	0.8945	0.1892
htru2	0.9665	0.0335	0.9035	0.8061	0.3978
hypothyroid	0.9841	0.0080	0.6948	0.8996	0.0665
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.7288	0.2712	0.6560	0.0817	0.4230
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9687	0.0157	0.9690	0.9582	0.0669
ionosphere	0.8000	0.2000	0.7710	0.4394	0.3785
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.5764	0.0326	0.6607	0.5594	0.2541
jm1	0.8127	0.1873	0.6287	0.2060	0.6776
jvowels	0.6114	0.0863	0.6580	0.5609	0.3470
kc1	0.8436	0.1564	0.6154	0.1724	0.6387
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.4813	0.1482	0.5986	0.3920	0.3553
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9929	0.0006	0.3343	0.9880	0.0218

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup9910%	0.9942	0.0006	0.5785	0.9901	0.0282
kepler	0.8672	0.0886	0.8218	0.7803	0.2212
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9500	0.0500	0.9467	0.8933	0.2764
krkopt	0.2153	0.0872	0.2782	0.0723	0.3510
krvskp	0.9687	0.0313	0.9696	0.9374	0.1584
la1s-wc	0.6794	0.1069	0.6785	0.5767	0.3411
la2s-wc	0.6854	0.1049	0.6211	0.5814	0.2954
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.0882	0.0456	0.0556	0.0787	0.3170
led24	0.6500	0.0700	0.6497	0.6067	0.1575
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.6265	0.0287	0.7165	0.6109	0.2542
leukemia	0.5714	0.2857	0.5072	0.3636	0.3379
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.1944	0.1074	0.1844	0.1450	0.3407
linkage	0.9998	0.0002	0.9884	0.9765	0.0041
linkage1%	0.9995	0.0005	0.9634	0.9266	0.1329
linkage10%	0.9998	0.0002	0.9857	0.9715	0.0987
liver	0.5294	0.4706	0.5093	0.0181	0.9312
loan	0.9438	0.0562	0.9402	0.8804	0.3003
localization	0.4919	0.0924	0.2683	0.2860	0.3443
localization10%	0.4345	0.1028	0.2091	0.1856	0.3385
lrs	0.7547	0.0491	0.3386	0.6538	0.1924
lung	0.9048	0.0381	0.7099	0.8082	0.0647
lung_discrete	0.5000	0.1429	0.3316	0.3846	0.2133
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8500	0.0600	0.5818	0.6178	0.1128
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.6667	0.0741	0.3077	0.4706	0.1572
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.6000	0.4000	0.6028	0.2000	0.9124
magic04	0.7959	0.2041	0.7745	0.5488	0.6928
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8432	0.6850	0.5699
marketing	0.8795	0.1205	0.7157	0.3903	0.5665
maternal	0.6535	0.2310	0.6760	0.4778	0.5322
math	0.8000	0.1000	0.7966	0.6995	0.2504
mba	0.8371	0.1086	0.3038	-0.0030	0.2068
mental-disorders	0.4167	0.2917	0.2922	0.2222	0.3015
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6087	0.3913	0.6287	0.2406	0.8617
meter-A	0.3750	0.6250	0.2727	0.0000	0.5170
meter-B	0.6667	0.2222	0.5392	0.4255	0.3013
meter-C	0.9444	0.0278	0.9175	0.9217	0.0489
meter-D	0.8333	0.0833	0.8329	0.7672	0.1538
mfeat-fac	0.7800	0.0440	0.8219	0.7556	0.1845
mfeat-fou	0.6000	0.0800	0.6315	0.5556	0.2925
mfeat-kar	0.6500	0.0700	0.7092	0.6111	0.2865
mfeat-mor	0.6600	0.0680	0.6682	0.6222	0.2096
mfeat-pix	0.8350	0.0330	0.8584	0.8167	0.1556
mfeat-zer	0.4500	0.1100	0.5344	0.3889	0.3131
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9245	0.0503	0.9274	0.8849	0.2066

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mines	0.3529	0.2588	0.4352	0.2026	0.4232
mobile	0.2692	0.0261	0.3438	0.2561	0.3273
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	0.9865	0.0135	0.9866	0.9729	0.0809
music	0.3733	0.1139	0.3305	0.1768	0.4243
musk	0.9152	0.0848	0.8264	0.6470	0.4920
MUT_ci300400a_cdk_ECFP2	0.7446	0.2554	0.7343	0.4663	0.7607
MUT_ci300400a_cdk_ECFP4	0.7401	0.2599	0.7286	0.4503	0.7579
MUT_ci300400a_cdk_ECFP6	0.7162	0.2838	0.7034	0.4014	0.7967
MUT_ci300400a_cdk_ESTATE	0.7194	0.2806	0.7079	0.4140	0.7987
MUT_ci300400a_cdk_EXTENDED	0.7518	0.2482	0.7414	0.4726	0.7306
MUT_ci300400a_cdk_FCFP2	0.7234	0.2766	0.7122	0.4227	0.7936
MUT_ci300400a_cdk_FCFP4	0.6607	0.3393	0.6419	0.2486	0.8030
MUT_ci300400a_cdk_FCFP6	0.6631	0.3369	0.6434	0.2617	0.8233
MUT_ci300400a_cdk_MACCS	0.7386	0.2614	0.7309	0.4314	0.7016
MUT_ci300400a_cdk_PUBCHEM	0.7437	0.2563	0.7339	0.4479	0.7199
MUT_ci300400a_cdk_STANDARD	0.7581	0.2419	0.7482	0.4846	0.7156
MUT_ci300400a_rdkit_descriptors	0.7105	0.2895	0.6994	0.3908	0.7972
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9352	0.0648	0.9367	0.8704	0.2969
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.1852	0.1111	0.0323	0.2322
ncRNA	0.8912	0.0115	0.4293	0.6600	0.2088
ncRNA1%	0.8809	0.0125	0.3139	0.6190	0.2044
ncRNA10%	0.8844	0.0122	0.3935	0.6286	0.2050
neo	0.9059	0.0941	0.6378	0.0900	0.3287
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9048	0.0952	0.8662	0.6957	0.5000
newspop	0.6229	0.3771	0.6199	0.2270	0.8795
NHANES_age_prediction	0.9780	0.0220	0.9624	0.9219	0.2562
nomao	0.9333	0.0667	0.9194	0.8384	0.3724
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9205	0.0318	0.7281	0.8834	0.1138
obesity	0.8246	0.0501	0.8352	0.7953	0.1873
obs	0.9074	0.0463	0.9327	0.8613	0.1399
occupancy	0.9762	0.0238	0.9663	0.9325	0.1800
Occupancy_Estimation	0.9812	0.0094	0.9459	0.9416	0.0514
oh0-wc	0.6139	0.0772	0.5167	0.5426	0.2473
oh10-wc	0.4476	0.1105	0.4693	0.3576	0.3251
oh15-wc	0.5761	0.0848	0.5665	0.5181	0.2801
oh5-wc	0.3846	0.1231	0.4696	0.2837	0.3751
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.7193	0.0624	0.5942	0.6460	0.2044
opn310k	0.9136	0.0864	0.6535	0.2244	0.4973
opn310k10%	0.9085	0.0915	0.5794	0.0742	0.4802
opnat310k-hg16-17	0.9149	0.0851	0.6673	0.2692	0.5193
optdigits	0.8256	0.0349	0.8432	0.8062	0.1984
optdigitsZ	0.9822	0.0178	0.9430	0.8793	0.0647
orl	0.4250	0.0288	0.3991	0.4103	0.2055
orlraws10P	0.4000	0.1200	0.3520	0.3333	0.2428
ovarian-cancer	0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9012	0.0988	0.5185	0.0309	0.6828
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7732	0.2268	0.7352	0.4548	0.7057
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7698	0.2302	0.7686	0.5355	0.7143

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9470	0.0212	0.6130	0.6326	0.1395
parkinson	0.9250	0.0750	0.9237	0.8462	0.3614
parkinsons	0.7536	0.2464	0.7555	0.4007	0.4296
parkinsons-small	0.7368	0.2632	0.4242	0.0000	0.4125
particle	0.8501	0.1499	0.8043	0.5875	0.5377
particle10%	0.8262	0.1738	0.7742	0.5420	0.6464
pasture	0.2500	0.5000	0.2222	0.0000	0.3200
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5567	0.4433	0.3576	-0.0510	0.7478
pcos	0.8967	0.1033	0.8794	0.7295	0.4689
pd	0.8421	0.1579	0.7731	0.5294	0.6004
pediatric-leukemia	0.6471	0.1008	0.5790	0.5627	0.2847
pendigits	0.8517	0.0297	0.8727	0.8350	0.1567
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.3571	-0.2000	0.9762
persistency	0.7813	0.2187	0.7657	0.4910	0.6034
personalities	0.1278	0.1090	0.2078	0.0697	0.4486
pet-adoption	0.9300	0.0700	0.9206	0.8354	0.2929
phishing	0.9388	0.0612	0.9363	0.8722	0.3191
PhiUSIIL	0.9830	0.0170	0.9830	0.9654	0.1109
PhiUSIIL10%	0.9835	0.0165	0.9835	0.9664	0.1084
phone-acc0.1%	0.6585	0.0976	0.6486	0.6001	0.3265
phone-acc1%	0.6730	0.0934	0.6797	0.6172	0.2774
phone-acc10%	0.7197	0.0801	0.7139	0.6726	0.2827
phone-gyr0.1%	0.6920	0.0880	0.6965	0.6396	0.2949
phone-gyr1%	0.7327	0.0764	0.7327	0.6873	0.2850
phone-gyr10%	0.7454	0.0727	0.7400	0.7020	0.2802
phoneme	0.7667	0.2333	0.7373	0.4675	0.7339
phy	0.6424	0.3576	0.6467	0.2857	0.8673
pima	0.5921	0.4079	0.6093	0.2062	0.8785
pirvision	0.9706	0.0196	0.9543	0.9110	0.1687
placement	0.7630	0.2370	0.7607	0.5197	0.7286
plant-growth	0.7368	0.2632	0.7841	0.4865	0.4786
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.5914	0.0908	0.1666	0.2113	0.2416
poker1%	0.5161	0.0968	0.1041	0.0471	0.2326
poker10%	0.5141	0.0972	0.1053	0.0357	0.2047
polish-1st	0.9616	0.0384	0.6305	0.1702	0.4165
polish-2nd	0.9626	0.0374	0.6840	0.0918	0.1090
polish-3rd	0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9289	0.0711	0.6791	0.3463	0.6030
polya	0.6973	0.3027	0.6478	0.2733	0.8095
popularity	0.6424	0.2384	0.3847	0.0650	0.3841
post-operative	0.7778	0.1481	0.5045	0.4000	0.2005
postures	0.8956	0.0417	0.8960	0.8694	0.1889
pred-tox_mutagen_ref-desc	0.5147	0.4853	0.5336	0.0294	0.7457
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2121	0.0716	0.1021	0.0694	0.3189
processed	0.9610	0.0390	0.9554	0.9085	0.1848
profb	0.6567	0.3433	0.5885	0.1737	0.8953
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.4286	0.5714	0.4685	-0.0370	0.8621
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio	0.9344	0.0263	0.8886	0.9116	0.1409
puc-rio10%	0.8884	0.0447	0.8295	0.8501	0.2068
pufs-1281%	0.4927	0.5073	0.4927	-0.0147	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-12810%	0.5029	0.4971	0.5029	0.0058	0.9962
pufs-64	0.5021	0.4979	0.5021	0.0040	0.9817
pufs-641%	0.4992	0.5008	0.4993	-0.0014	0.9877
pufs-6410%	0.5056	0.4944	0.5056	0.0111	0.9909
pulsar	0.9569	0.0431	0.8837	0.7636	0.4607
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
re0-wc	0.6600	0.0523	0.4198	0.5111	0.2722
re1-wc	0.5542	0.0357	0.2590	0.4542	0.2502
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.7181	0.0117	0.2635	0.5684	0.2487
rice	0.9780	0.0220	0.9780	0.9557	0.1432
rocket	0.6430	0.3570	0.6134	0.2054	0.8559
RT_IOT2022	0.9929	0.0012	0.9389	0.9821	0.0144
satimage	0.8025	0.0658	0.7917	0.7545	0.2650
satimageF	0.9891	0.0109	0.9721	0.9442	0.1683
satimageT	0.9145	0.0855	0.7471	0.4911	0.5957
scadi	0.7143	0.0816	0.4714	0.6316	0.1263
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5588	0.4412	0.5974	0.1176	0.7296
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.8890	0.1110	0.9001	0.7807	0.3518
seeds	0.8571	0.0952	0.8660	0.7857	0.2176
segment	0.8745	0.0359	0.8882	0.8534	0.1511
segmentation	0.7673	0.2327	0.7394	0.4749	0.7355
segmentO	0.9784	0.0216	0.9561	0.9082	0.0792
seismic	0.9302	0.0698	0.5751	0.0819	0.4920
semeion	0.9811	0.0189	0.9467	0.8928	0.2097
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-3-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-8-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-9-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sensorless	0.9217	0.0142	0.9252	0.9139	0.0987
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8994	0.1006	0.7992	0.5969	0.5697
shuttle	0.9619	0.0109	0.5114	0.8856	0.0395
sick	0.9576	0.0424	0.8417	0.6810	0.5094
sirtuin6	0.7000	0.3000	0.7521	0.4000	0.4882
skin	0.9475	0.0525	0.9218	0.8433	0.3599
skin10%	0.9367	0.0633	0.9045	0.8090	0.3992
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2600	0.3700	0.1083	0.0000	0.4719
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6985	0.3015	0.7535	0.4380	0.6100
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7122	0.0959	0.5198	0.6262	0.2029
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9412	0.0062	0.9159	0.9353	0.0272
spam-detection	0.9510	0.0490	0.8419	0.6784	0.4249
spambase	0.8652	0.1348	0.8585	0.7099	0.4982
spect	0.7778	0.2222	0.6403	0.2703	0.7789

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectf	0.7429	0.2571	0.6732	0.1370	0.4138
spectrometer	0.2642	0.0307	0.0700	0.2041	0.2598
splice-EI	0.9464	0.0536	0.9327	0.8630	0.3437
splice-IE	0.9338	0.0662	0.9132	0.8239	0.4010
sport-articles	0.8000	0.2000	0.7815	0.5402	0.6155
squash-stored	0.2000	0.5333	0.1111	-0.3333	0.6263
squash-unstored	0.8000	0.1333	0.5385	0.5455	0.2005
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8139	0.1240	0.7692	0.6929	0.3466
steel-b	0.8359	0.1641	0.7201	0.4110	0.6333
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9641	0.0359	0.9455	0.8909	0.2792
steel-o	0.7795	0.2205	0.7488	0.4612	0.6358
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9226	0.8401	0.3898
stellar	0.9478	0.0348	0.9405	0.9054	0.1460
stock	0.8958	0.1042	0.8384	0.6725	0.5602
stockb	0.9824	0.0117	0.9825	0.9736	0.0530
streaming	0.7580	0.2420	0.7559	0.5117	0.7391
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6050	0.1580	0.3213	0.3301	0.3813
student-depression	0.8022	0.1978	0.7979	0.5952	0.6655
student-habits	0.3700	0.2520	0.1469	-0.0129	0.4100
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7188	0.1125	0.2655	0.0777	0.2017
studentap	0.4615	0.3590	0.3871	0.1415	0.6478
susy	0.7565	0.2435	0.7559	0.5113	0.7395
susy1%	0.7604	0.2396	0.7579	0.5141	0.7311
susy10%	0.7609	0.2391	0.7588	0.5174	0.7339
swarm_aligned	0.9967	0.0033	0.9961	0.9922	0.0345
swarm_flocking	0.9838	0.0162	0.9840	0.9675	0.0983
swarm_grouped	0.9954	0.0046	0.9951	0.9903	0.0453
tae	0.5333	0.3111	0.5442	0.3000	0.5129
telco-churn	0.8551	0.1449	0.8029	0.5847	0.5339
texture	0.7600	0.0436	0.8123	0.7362	0.1906
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9686	0.0314	0.4920	-0.0142	0.5981
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8773	0.1227	0.8272	0.6181	0.4074
tis10%	0.8433	0.1567	0.7751	0.4764	0.4318
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.1667	0.2121	0.2727	0.2819
tox_171	0.5294	0.2353	0.3782	0.3493	0.2750
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.6098	0.0867	0.4572	0.5321	0.2865
trec12-wc	0.7419	0.0645	0.7175	0.6877	0.1722
trec21-wc	0.9091	0.0303	0.4721	0.7959	0.0626
trec23-wc	0.6667	0.1111	0.3829	0.5243	0.2670
trec31-wc	0.8495	0.0430	0.6959	0.8031	0.2115
trec41-wc	0.7500	0.0500	0.5836	0.7020	0.2387
trec45-wc	0.7826	0.0435	0.5744	0.7465	0.1369
tuandromd	0.9686	0.0314	0.9535	0.9057	0.2732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
turkish	0.4750	0.2625	0.5426	0.3000	0.4174
tvnews	0.7919	0.2081	0.7757	0.5040	0.5607
tvnews1%	0.8308	0.1692	0.8150	0.6203	0.5846
tvnews10%	0.7957	0.2043	0.7754	0.5286	0.6279
ur3_cobotops_grip	0.9701	0.0299	0.6990	0.1496	0.0920
ur3_cobotops_stop	0.9687	0.0313	0.7137	0.3316	0.3251
urban	0.5373	0.1028	0.5777	0.4531	0.2885
urinalysis	0.9301	0.0699	0.4819	-0.0229	0.6125
ustilago1%	0.9886	0.0114	0.4971	-0.0028	0.4387
ustilago10%	0.9891	0.0109	0.5748	0.0313	0.1997
vehicle	0.6071	0.1964	0.5979	0.4617	0.4854
vehicleVAN	0.9048	0.0952	0.8730	0.7460	0.4811
voice	0.6667	0.3333	0.7500	0.4000	0.5283
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.3131	0.1249	0.2696	0.2444	0.3334
vowelZ	0.7980	0.2020	0.5319	0.0598	0.6656
vrnormat310k-hg16-17	0.9093	0.0907	0.5962	0.0320	0.3074
wap-wc	0.5577	0.0442	0.4325	0.4946	0.1966
warpar10p	0.3846	0.1231	0.2947	0.3203	0.2282
warppie10p	0.8571	0.0286	0.8821	0.8409	0.0655
watch-acc	0.6943	0.0874	0.7148	0.6423	0.3059
watch-acc1%	0.6589	0.0975	0.6942	0.6010	0.3080
watch-acc10%	0.6697	0.0944	0.6942	0.6136	0.3216
watch-gyr	0.6966	0.0867	0.7146	0.6450	0.2947
watch-gyr1%	0.6416	0.1024	0.6773	0.5805	0.3052
watch-gyr10%	0.6812	0.0911	0.7048	0.6271	0.3103
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.7020	0.1987	0.7018	0.5530	0.5557
weather-related	0.9365	0.0115	0.9466	0.9281	0.0675
web-phishing	0.8222	0.1185	0.7442	0.6677	0.3189
Weekly	0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift	0.9434	0.0226	0.9414	0.9284	0.1132
white-clover	0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc	0.9250	0.0375	0.9250	0.9000	0.1381
wilt	0.9814	0.0186	0.8938	0.7811	0.2593
wine	0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red	0.5346	0.1551	0.2015	0.2155	0.3389
winequality-white	0.4785	0.1490	0.2019	0.1716	0.4574
winnipeg	0.9571	0.0123	0.9132	0.9455	0.0745
winnipeg10%	0.9478	0.0149	0.8181	0.9338	0.0847
wisc_bc	0.8772	0.1228	0.8696	0.7387	0.5116
yale	0.3750	0.0833	0.3692	0.3333	0.2052
yeast	0.3176	0.1365	0.2229	0.1242	0.3610
yeastCYT-POX	0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.7204	0.0559	0.7477	0.6880	0.2510

Table 329: Detailed results for IREP(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1535	0.0584	0.0561	0.0582	0.4043
abalone19	0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9828	0.0172	0.6548	0.0962	0.1558
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9756	0.0244	0.9482	0.8950	0.1934
adult	0.8247	0.1753	0.7433	0.4819	0.6821
advanced-iot	0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8056	0.1944	0.6259	0.2500	0.7444
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9993	0.0007	0.4998	-0.0003	0.3124
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9966	0.0034	0.6469	0.1076	0.1562
AID604AID644_AllRed	0.9990	0.0010	0.6560	0.2496	0.3797
AID644Morered	0.5000	0.5000	0.4553	-0.0870	0.9393
AID644red	0.5500	0.4500	0.5330	0.0625	0.8958
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9967	0.0033	0.4992	-0.0006	0.3287
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8310	0.1690	0.7517	0.4888	0.6412
air_pollution	0.4033	0.1705	0.1222	-0.0004	0.3898
air-booking	0.8520	0.1480	0.6058	0.0321	0.3646
airline	0.8148	0.1852	0.8305	0.6365	0.5526
alcohol	0.7619	0.0952	0.4661	0.3855	0.2099
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.7302	0.2698	0.7145	0.4269	0.7845
anneal	0.9775	0.0090	0.9718	0.9524	0.0812
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9193	0.0403	0.8605	0.8479	0.2226
anuran-genus	0.9040	0.0240	0.8123	0.8447	0.2898
anuran-species	0.9014	0.0197	0.7991	0.8633	0.1772
anxiety	0.1000	0.2000	0.0566	-0.0172	0.6211
apple-quality	0.6525	0.3475	0.6532	0.3050	0.8738
aps-failure	0.9863	0.0137	0.7798	0.5488	0.4296
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.5500	0.4500	0.5616	0.1176	0.9262
arrhythmia	0.6889	0.0479	0.3519	0.4365	0.2209

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9853	0.0147	0.9664	0.9305	0.0577
audiology	0.8261	0.0145	0.3103	0.7978	0.0331
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.8276	0.1724	0.8505	0.6588	0.4125
autos	0.6500	0.1167	0.4433	0.5286	0.2807
avila	0.7882	0.0353	0.8691	0.7248	0.2853
babies	0.4516	0.1567	0.1902	0.1364	0.4325
balance	0.7419	0.1720	0.5208	0.5184	0.3709
bank	0.9031	0.0969	0.7002	0.3396	0.5135
banknote	0.8978	0.1022	0.9025	0.7964	0.4011
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8272	0.1728	0.8087	0.6079	0.5963
basehock	0.7035	0.2965	0.7506	0.4087	0.5360
bio	0.9960	0.0040	0.8738	0.7296	0.1765
bio10%	0.9945	0.0055	0.8334	0.6639	0.3909
biodeg	0.7524	0.2476	0.7295	0.4429	0.7259
biomed	0.4762	0.5238	0.6368	0.1217	0.5278
bitcoin1%	0.9846	0.0011	0.0471	0.0791	0.1659
bitcoin10%	0.9859	0.0010	0.0625	0.0457	0.0797
body-perf	0.6075	0.1963	0.6163	0.4766	0.5145
bookings	0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor	0.4890	0.5110	0.4866	-0.0201	0.9247
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.2727	0.2424	0.0769	0.0112	0.3799
bridges	0.7000	0.0857	0.5046	0.5714	0.1723
bub10at310k-hg16-17	0.9107	0.0893	0.6340	0.1862	0.5114
bub12at310k-hg16-17	0.9133	0.0867	0.6471	0.1919	0.4630
bub8at310k-hg16-17	0.9099	0.0901	0.6456	0.2410	0.5702
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9420	0.0580	0.9358	0.8697	0.2811
cancer-uae	0.4840	0.3440	0.3096	-0.0058	0.4861
car	0.8621	0.0690	0.8555	0.7360	0.3102
car-insurance	0.8610	0.1390	0.8380	0.6759	0.5694
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7840	0.0432	0.6873	0.7379	0.2369
cardiotocography-nsp	0.8545	0.0970	0.7106	0.5432	0.4039
cardiovascular	0.7229	0.2771	0.7230	0.4459	0.7899
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6030	0.5062	0.4122
cas_N6512_cdk_ECFP2	0.6897	0.3103	0.6864	0.3713	0.8333
cas_N6512_rdkit_ATOMPAIR	0.6754	0.3246	0.6718	0.3420	0.8503
cas_N6512_RDkit_AtomPair_FP	0.6595	0.3405	0.6579	0.2977	0.8309
cas_N6512_rdkit_AVALON	0.7250	0.2750	0.7235	0.4381	0.7676
cas_N6512_RDkit_Avalon_FP	0.7347	0.2653	0.7325	0.4607	0.7649
cas_N6512_rdkit_descriptors	0.6692	0.3308	0.6695	0.3381	0.8558
cas_N6512_rdkit_FEATMORGAN	0.7189	0.2811	0.7165	0.4270	0.7837
cas_N6512_RDkit_Featmorgan_FP	0.6902	0.3098	0.6869	0.3713	0.8307
cas_N6512_RDkit_FP	0.6825	0.3175	0.6821	0.3463	0.8038
cas_N6512_rdkit_LAYERED	0.7138	0.2862	0.7129	0.4140	0.7763
cas_N6512_RDkit_Layered_FP	0.7040	0.2960	0.7030	0.3931	0.7876
cas_N6512_rdkit_MACCS	0.7450	0.2550	0.7434	0.4803	0.7430
cas_N6512_RDkit_MACCS_FP	0.7485	0.2515	0.7494	0.4849	0.7176
cas_N6512_rdkit_MORGAN	0.6431	0.3569	0.6578	0.2490	0.7286

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.7224	0.2776	0.7199	0.4358	0.7835
cas_N6512_rdkit_PATTERN	0.6985	0.3015	0.7020	0.3767	0.7594
cas_N6512_RDkit_pattern_FP	0.7393	0.2607	0.7369	0.4712	0.7617
cas_N6512_rdkit_RDKITFP	0.7174	0.2826	0.7170	0.4213	0.7689
cas_N6512_rdkit_TORSION	0.7031	0.2969	0.7085	0.4106	0.7982
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8483	0.1011	0.4188	0.1584	0.2978
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7254	0.2746	0.6813	0.3131	0.7124
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7880	0.5456	0.3722
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9483	0.0517	0.4867	-0.0056	0.3691
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9454	0.0546	0.7191	0.3982	0.4808
census10%	0.9462	0.0538	0.7017	0.3635	0.4984
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.8775	0.0613	0.8067	0.8154	0.2317
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8160	0.1840	0.6636	0.1747	0.4686
churn-bigml	0.9326	0.0674	0.8649	0.7298	0.4712
ci900367j_MACCS	0.6737	0.3263	0.6515	0.3030	0.8631
circles	0.9700	0.0006	0.9748	0.9697	0.0105
cirrhosis	0.5714	0.2857	0.3891	0.1467	0.7177
cjs	0.9357	0.0214	0.9369	0.9208	0.0584
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.6074	0.1963	0.4690	0.3523	0.4232
climate	0.8889	0.1111	0.6764	0.3415	0.6434
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4558	0.3628	0.4589	0.1684	0.7533
cnae-9	0.7870	0.0473	0.8283	0.7604	0.1483
codon_usage	0.7337	0.0484	0.5517	0.6753	0.3251
coil20	0.7639	0.0236	0.7851	0.7514	0.1195
college	0.8312	0.1688	0.7977	0.5926	0.6470
collins	0.9800	0.0027	0.9266	0.9780	0.0073
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.7241	0.2759	0.6748	0.2883	0.6939
colposcopies-2	0.5517	0.4483	0.5323	0.0645	0.9585
colposcopies-3	0.5862	0.4138	0.5454	0.0794	0.9150
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c	0.6897	0.3103	0.6349	0.2606	0.8063
column-2c	0.7742	0.2258	0.7489	0.4965	0.7317
column-3c	0.7419	0.1720	0.7126	0.5967	0.2586
connect-4	0.9812	0.0125	0.5565	0.3235	0.0368
cottonmeloidogyne	0.6923	0.3077	0.6926	0.3848	0.8296
coupon	0.7121	0.2879	0.7032	0.4031	0.8039
covid19	0.5355	0.1327	0.2071	0.1501	0.3335
covtype	0.7344	0.0759	0.6433	0.5675	0.4655
covtype10%	0.7115	0.0824	0.5700	0.5267	0.4689
covtypeCD	0.9324	0.0676	0.8435	0.6478	0.2693

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9553	0.0447	0.8122	0.6182	0.4602
crabs	0.7000	0.1500	0.7185	0.6000	0.2526
creditcard_trans	0.9992	0.0008	0.8776	0.7496	0.2675
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8350	0.0550	0.6707	0.6693	0.3238
cryotherapy	0.4444	0.5556	0.3077	-0.2162	0.9876
cultivars	0.0312	0.0484	0.0015	0.0000	0.4005
customer-churn	0.9780	0.0220	0.6412	0.2473	0.4994
cybersecurity	0.1733	0.2756	0.1596	0.0006	0.7108
cyclopentane	0.5556	0.4444	0.5674	0.1290	0.9318
cylinder-bands	0.6111	0.3889	0.5872	0.1317	0.8162
darwin	0.6111	0.3889	0.6118	0.2222	0.9149
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1038	0.1792	0.1099	0.0031	0.7743
dbworld	0.7143	0.2857	0.7407	0.3636	0.4644
default	0.8240	0.1760	0.7127	0.4016	0.6636
defect	0.8488	0.1512	0.6398	0.1760	0.5372
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8861	0.1139	0.6769	0.3373	0.6452
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9267	0.9328	0.0594
desharnais	0.6250	0.2500	0.2778	0.1429	0.3239
dexter	0.6500	0.3500	0.6966	0.3000	0.6324
df_final	0.3750	0.4167	0.3145	0.1011	0.4545
DIA	0.7833	0.2167	0.6723	0.3158	0.7212
diabetes	0.8846	0.1154	0.8771	0.7516	0.4687
diabetes-100k	0.9355	0.0645	0.7578	0.4911	0.4897
diabetes-risk	0.7976	0.2024	0.6363	0.0412	0.3854
diabetic1%	0.5294	0.3137	0.3279	0.0372	0.5652
diabetic10%	0.5737	0.2842	0.4255	0.1633	0.5896
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.6000	0.2000	0.5196	0.4226	0.3389
diamonds_all	0.6986	0.1206	0.6704	0.5696	0.3778
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9970	0.0030	0.4992	-0.0004	0.2737
dorothea	0.9304	0.0696	0.7832	0.5623	0.5389
dota2	0.5359	0.4641	0.5248	0.0347	0.8702
dota210%	0.5408	0.4592	0.5314	0.0527	0.9199
drebin	0.9361	0.0639	0.9321	0.8591	0.2653
dropout	0.7133	0.1911	0.6375	0.5145	0.5259
drug-01	0.3936	0.1733	0.0810	-0.0045	0.3383
drug-02	0.5106	0.1398	0.1669	0.0626	0.4358
drug-03	0.6702	0.0942	0.1477	0.0277	0.3739
drug-04	0.5426	0.1307	0.1881	0.1408	0.4992
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3936	0.1733	0.2313	0.2175	0.4756
drug-07	0.3617	0.1824	0.0759	0.0000	0.2501
drug-08	0.5691	0.1231	0.2075	0.1523	0.4050
drug-09	0.8617	0.0395	0.1322	-0.0076	0.1838
drug-10	0.5266	0.1353	0.2206	0.1517	0.3751
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6383	0.1033	0.1868	0.3079	0.3170
drug-14	0.6064	0.1125	0.2754	0.2597	0.4288

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6170	0.1094	0.3010	0.3620	0.3963
drug-17	0.3351	0.1900	0.1862	0.0935	0.6537
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7766	0.0638	0.1885	0.0381	0.1584
drybean	0.8663	0.0382	0.8648	0.8372	0.1695
ecoli	0.8235	0.0441	0.4288	0.7536	0.1204
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.2223	-0.0048	0.8139
eeg	0.3484	0.0814	0.3651	0.2710	0.6333
eeg-eye	0.6722	0.3278	0.6705	0.3406	0.8546
eeg10%	0.3080	0.0865	0.2734	0.2284	0.6653
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6849	0.1260	0.6601	0.5934	0.3726
euthyroid	0.9399	0.0601	0.8084	0.5325	0.1598
exon.vs.intron-freq	0.8853	0.1147	0.8874	0.7712	0.4583
exon.vs.intron-freq10%	0.8643	0.1357	0.8650	0.7288	0.5227
fakenews	0.5100	0.4900	0.5114	0.0222	0.9841
fbis-wc	0.7073	0.0344	0.6180	0.6682	0.2395
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5098	0.4902	0.4261	-0.0687	0.8712
financial-risk	0.7285	0.0905	0.6989	0.5451	0.2954
fishcatch	0.3125	0.2292	0.1513	0.1737	0.3040
flags	0.5500	0.1125	0.3224	0.4357	0.2402
forest	0.7885	0.1058	0.7468	0.7064	0.2661
gas	0.8857	0.0381	0.8866	0.8616	0.1805
gastrointestinal	0.6875	0.2083	0.5017	0.4521	0.4318
gender	0.6063	0.2625	0.4529	0.1656	0.5488
gene	0.9243	0.0505	0.9173	0.8787	0.2268
german	0.6600	0.3400	0.5798	0.1260	0.8246
gestures	0.7149	0.1426	0.7445	0.6198	0.3882
gina	0.8617	0.1383	0.8623	0.7228	0.5256
gisette	0.9129	0.0871	0.9141	0.8257	0.3790
glass	0.4762	0.1746	0.3173	0.3084	0.3633
glass-g2	0.5000	0.5000	0.5000	0.0000	0.9613
glassBWFP	0.6667	0.3333	0.6777	0.3408	0.8132
glassBWNFP	0.6190	0.3810	0.5397	0.0769	0.9308
glassContainers	0.7727	0.2273	0.7412	0.3529	0.4711
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	0.7727	0.2273	0.7019	0.2254	0.3467
glassVWFP	0.6667	0.3333	0.4000	-0.0889	0.3372
GlaucomaM	0.6842	0.3158	0.6910	0.3736	0.8166
gli_85	0.3750	0.6250	0.6117	0.0909	0.4711
glioma	0.6000	0.2000	0.3684	0.4118	0.2279
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.5333	0.2333	0.5533	0.3598	0.4044
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.7447	0.0425	0.6311	0.6985	0.2116
har	0.8017	0.0793	0.8030	0.7512	0.3264
har701%	0.8031	0.0563	0.4814	0.7157	0.2484
har7010%	0.8420	0.0451	0.5010	0.7701	0.2390
harth1%	0.7965	0.0339	0.4239	0.7193	0.2375
harth10%	0.8048	0.0325	0.4961	0.7293	0.2745
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8065	0.1935	0.8048	0.6043	0.6369
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.8940	0.1060	0.8830	0.7626	0.4804
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.8176	0.1824	0.8192	0.6355	0.6202
hepmass10%	0.8217	0.1783	0.8229	0.6435	0.6138
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.6923	0.3077	0.5667	0.1333	0.8605
higgs0.1%	0.6245	0.3755	0.6241	0.2480	0.9052
higgs1%	0.6405	0.3595	0.6373	0.2722	0.8870
higgs10%	0.6588	0.3412	0.6572	0.3063	0.8539
higher	0.2143	0.1964	0.1492	0.0375	0.3820
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8634	0.1366	0.7249	0.4291	0.6209
hiva	0.9645	0.0355	0.6382	0.1986	0.4361
horse	0.6944	0.2037	0.6544	0.4116	0.3234
hotel-reservartions	0.7991	0.2009	0.7872	0.5677	0.6719
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.7656	0.1563	0.7928	0.6499	0.3448
ht-sensor10%	0.7660	0.1560	0.7914	0.6501	0.3545
htru2	0.9659	0.0341	0.9022	0.8034	0.4024
hypothyroid	0.9708	0.0146	0.6869	0.8469	0.2335
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.5556	0.4444	0.6897	0.2500	0.5000
instagram	0.8047	0.0977	0.8423	0.7396	0.1555
ionosphere	0.8000	0.2000	0.7710	0.4394	0.3785
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.6842	0.0243	0.6989	0.6716	0.2388
jm1	0.8026	0.1974	0.5924	0.1322	0.6884
jvowels	0.7841	0.0480	0.7886	0.7561	0.2679
kc1	0.8578	0.1422	0.6870	0.1444	0.2864
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.5714	0.0357	0.0526	0.2364	0.1779
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8269	0.1731	0.7165	0.4236	0.6904
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9972	0.0004	0.7855	0.9952	0.0176
kepler	0.8556	0.0962	0.8129	0.7654	0.2805
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9250	0.0750	0.9195	0.8378	0.3507
krkopt	0.3355	0.0738	0.2705	0.2362	0.4635
krvskp	0.9687	0.0313	0.9696	0.9374	0.1584
la2s-wc	0.6391	0.1203	0.6388	0.5275	0.3772
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.0294	0.0485	0.0014	0.0000	0.3575
led24	0.6000	0.0800	0.5958	0.5518	0.1903
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.7105	0.0223	0.7335	0.6988	0.2514
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
libra	0.0556	0.1259	0.0107	-0.0183	0.4266
linkage	0.9998	0.0002	0.9884	0.9765	0.0041
linkage1%	0.9995	0.0005	0.9634	0.9266	0.1329
linkage10%	0.9998	0.0002	0.9881	0.9762	0.0878
liver	0.5882	0.4118	0.5514	0.1019	0.9203
loan	0.9438	0.0562	0.9402	0.8804	0.3003
localization	0.5604	0.0799	0.3267	0.4263	0.4890
localization10%	0.5036	0.0902	0.2722	0.3522	0.5050
lrs	0.4906	0.1019	0.2625	0.3120	0.3830
lung	0.8095	0.0762	0.6680	0.6543	0.2067
lung_discrete	0.6250	0.1071	0.5000	0.5472	0.1105
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard2	0.5000	0.5000	0.6604	0.1818	0.4422
lung-cancer-michigan	0.3333	0.6667	0.5970	0.0690	0.3113
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3974	0.4955	0.2340
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.6615	0.3385	0.6635	0.3231	0.8573
magic04	0.7733	0.2267	0.7444	0.4851	0.7272
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8334	0.6662	0.5966
marketing	0.8705	0.1295	0.6854	0.2211	0.4004
maternal	0.6238	0.2508	0.6512	0.4125	0.5016
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8161	0.1226	0.4165	0.2326	0.3967
mental-disorders	0.5833	0.2083	0.5595	0.4444	0.2769
mental-health	0.1867	0.3253	0.1544	-0.0133	0.6394
messidor	0.6000	0.4000	0.6428	0.2421	0.7917
meter-A	0.3750	0.6250	0.2727	0.0000	0.5170
meter-B	0.2222	0.5185	0.1212	0.0000	0.4199
meter-C	0.8889	0.0556	0.7174	0.8407	0.0690
meter-D	0.8889	0.0556	0.7092	0.8414	0.0898
mfeat-fac	0.8300	0.0340	0.8376	0.8111	0.1705
mfeat-fou	0.6800	0.0640	0.6830	0.6444	0.2789
mfeat-kar	0.8250	0.0350	0.8275	0.8056	0.1964
mfeat-mor	0.6550	0.0690	0.6632	0.6167	0.1890
mfeat-pix	0.8500	0.0300	0.8654	0.8333	0.1532
mfeat-zer	0.6900	0.0620	0.7072	0.6556	0.2882
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9151	0.0566	0.9332	0.8704	0.1311
mines	0.4412	0.2235	0.3796	0.3046	0.4066
mobile	0.2832	0.0256	0.2824	0.2701	0.2954
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	0.9865	0.0135	0.9866	0.9729	0.0809
music	0.4611	0.0980	0.4677	0.3460	0.5598
musk	0.9379	0.0621	0.8747	0.7449	0.3896
MUT_ci300400a_cdk_ECFP2	0.7362	0.2638	0.7286	0.4571	0.7765
MUT_ci300400a_cdk_ECFP4	0.7557	0.2443	0.7458	0.4891	0.7426
MUT_ci300400a_cdk_ECFP6	0.7150	0.2850	0.7016	0.3926	0.7871
MUT_ci300400a_cdk_ESTATE	0.7242	0.2758	0.7117	0.4177	0.7844
MUT_ci300400a_cdk_EXTENDED	0.7302	0.2698	0.7180	0.4253	0.7642
MUT_ci300400a_cdk_FCFP2	0.6922	0.3078	0.6791	0.3221	0.7616
MUT_ci300400a_cdk_FCFP4	0.6643	0.3357	0.6474	0.2536	0.7852

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_FCFP6	0.6403	0.3597	0.6287	0.1756	0.7121
MUT_ci300400a_cdk_MACCS	0.7446	0.2554	0.7341	0.4537	0.7318
MUT_ci300400a_cdk_PUBCHEM	0.7605	0.2395	0.7507	0.4983	0.7333
MUT_ci300400a_cdk_STANDARD	0.7389	0.2611	0.7272	0.4452	0.7540
MUT_ci300400a_rdkit_descriptors	0.7168	0.2832	0.7062	0.4042	0.7881
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9352	0.0648	0.9367	0.8704	0.2969
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.3333	0.1481	0.1905	0.2500	0.0863
ncRNA1%	0.8773	0.0129	0.3817	0.6413	0.2049
ncRNA10%	0.8908	0.0115	0.4485	0.6826	0.3593
neo	0.9059	0.0941	0.6378	0.0900	0.3287
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT	0.7619	0.2381	0.7646	0.4262	0.5170
newspop	0.6211	0.3789	0.6181	0.2231	0.8803
NHANES_age_prediction	0.9780	0.0220	0.9624	0.9219	0.2562
nomao	0.9321	0.0679	0.9171	0.8342	0.3726
NPHA-doctor-visits	0.3333	0.4444	0.2660	-0.0588	0.5604
nursery	0.9221	0.0312	0.7033	0.8853	0.0844
obesity	0.6114	0.1110	0.6496	0.5461	0.3357
obs	0.8519	0.0741	0.8849	0.7795	0.2073
occupancy	0.9771	0.0229	0.9677	0.9354	0.1789
Occupancy_Estimation	0.9704	0.0148	0.9214	0.9069	0.0859
oh0-wc	0.7426	0.0515	0.7080	0.6992	0.1765
oh10-wc	0.5714	0.0857	0.5710	0.5100	0.3104
oh15-wc	0.6087	0.0783	0.6199	0.5502	0.3010
oh5-wc	0.6484	0.0703	0.7257	0.6081	0.2294
ohscal-wc	0.5896	0.0821	0.6114	0.5394	0.4082
olive	0.7895	0.0468	0.7880	0.7441	0.1734
opn310k	0.9118	0.0882	0.6467	0.2232	0.5274
opn310k10%	0.9142	0.0858	0.6339	0.1321	0.4020
opnat310k-hg16-17	0.9147	0.0853	0.6584	0.2195	0.4645
optdigits	0.8096	0.0381	0.8361	0.7883	0.1940
optdigitsZ	0.9822	0.0178	0.9430	0.8793	0.0647
orl	0.0250	0.0488	0.0014	0.0000	0.3816
ovarian-cancer	0.8000	0.2000	0.8070	0.5955	0.6232
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7474	0.2526	0.7028	0.3904	0.7538
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8566	0.7131	0.5449
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.9653	0.0139	0.8907	0.7995	0.2777
parkinson	0.9333	0.0667	0.9312	0.8603	0.3074
parkinsons	0.7156	0.2844	0.6915	0.3809	0.8115
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8473	0.1527	0.8004	0.5802	0.5482
particle10%	0.8254	0.1746	0.7709	0.5304	0.6352
pasture	0.7500	0.1667	0.5714	0.6000	0.1321
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5722	0.4278	0.3639	-0.0205	0.6375
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8026	0.1974	0.7323	0.4643	0.7220
pendigits	0.7944	0.0411	0.8317	0.7720	0.1829
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7843	0.2157	0.7673	0.5019	0.6196
personalities	0.5852	0.0519	0.6542	0.5575	0.3652
pet-adoption	0.8950	0.1050	0.8808	0.7616	0.4719

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phishing	0.9429	0.0571	0.9419	0.8819	0.2984
PhiUSIIL	0.9827	0.0173	0.9828	0.9649	0.1119
PhiUSIIL10%	0.9835	0.0165	0.9835	0.9664	0.1084
phone-acc0.1%	0.7496	0.0715	0.7293	0.7070	0.2456
phone-acc1%	0.7889	0.0603	0.7756	0.7533	0.2199
phone-gyr0.1%	0.7868	0.0609	0.7744	0.7508	0.2398
phone-gyr1%	0.8143	0.0531	0.8040	0.7828	0.2251
phoneme	0.7648	0.2352	0.7345	0.4623	0.7377
phy	0.6462	0.3538	0.6484	0.2930	0.8741
pima	0.6974	0.3026	0.6992	0.3914	0.8043
pirvision	0.9863	0.0091	0.9759	0.9564	0.0828
placement	0.7610	0.2390	0.7610	0.5185	0.7259
plant-growth	0.7368	0.2632	0.7841	0.4865	0.4786
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.6206	0.0843	0.1946	0.2885	0.2601
poker1%	0.5083	0.0983	0.1019	0.0428	0.2594
poker10%	0.5111	0.0978	0.1028	0.0303	0.2102
polish-1st	0.9659	0.0341	0.7099	0.1938	0.1019
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9425	0.0575	0.7206	0.3694	0.4113
polya	0.6973	0.3027	0.6478	0.2733	0.8095
popularity	0.6444	0.2371	0.4959	0.1204	0.4533
post-operative	0.7778	0.1481	0.5045	0.4000	0.2005
postures	0.8420	0.0632	0.8527	0.8023	0.2057
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6041	0.2059	0.9196
prestige	0.4444	0.3704	0.4365	0.1509	0.3887
primary-tumor	0.4545	0.0496	0.1946	0.3883	0.2371
processed	0.9609	0.0391	0.9552	0.9082	0.1860
profb	0.6716	0.3284	0.6278	0.2556	0.8706
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.5000	0.5000	0.5215	0.0392	0.9438
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio	0.8783	0.0487	0.8118	0.8349	0.1864
puc-rio10%	0.8546	0.0582	0.7896	0.8024	0.2198
pufs-1281%	0.4912	0.5088	0.4911	-0.0177	1.0000
pufs-12810%	0.5014	0.4986	0.5017	0.0028	0.9426
pufs-64	0.5024	0.4976	0.5024	0.0048	0.9979
pufs-641%	0.4988	0.5012	0.4986	-0.0027	0.9913
pufs-6410%	0.5072	0.4928	0.5074	0.0142	0.9801
pulsar	0.9713	0.0287	0.9090	0.8082	0.1970
raisin	0.8778	0.1222	0.8779	0.7556	0.4920
re0-wc	0.7133	0.0441	0.4944	0.6133	0.3395
re1-wc	0.7169	0.0227	0.5353	0.6702	0.2362
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9637	0.0363	0.9635	0.9269	0.2115
rocket	0.6241	0.3759	0.6153	0.0996	0.6141
RT_IOT2022	0.9921	0.0013	0.9527	0.9802	0.0112
satimage	0.7854	0.0715	0.7611	0.7331	0.2671
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9005	0.0995	0.7373	0.4739	0.6378
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.2222	0.7778	0.3214	-0.1887	0.7422
schizo	0.6471	0.3529	0.6574	0.2941	0.8295
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
secondary_mushroom	0.8890	0.1110	0.8999	0.7806	0.3551
seeds	0.9048	0.0635	0.9048	0.8571	0.1813
segment	0.8745	0.0359	0.8856	0.8531	0.1501
segmentation	0.7574	0.2426	0.7305	0.4595	0.7559
segmentO	0.9784	0.0216	0.9561	0.9082	0.0792
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9748	0.0252	0.9274	0.8437	0.0852
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8605	0.1395	0.5709	0.0879	0.6168
sens-3-gram	0.8658	0.1342	0.5503	0.0232	0.4453
sens-4-gram	0.8658	0.1342	0.5503	0.0232	0.4453
sens-5-gram	0.8658	0.1342	0.5694	0.0500	0.4928
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-8-gram	0.8737	0.1263	0.6333	0.1180	0.4289
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9256	0.0135	0.9276	0.9182	0.0817
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9011	0.0989	0.8032	0.6052	0.5655
shuttle	0.9686	0.0090	0.5697	0.9156	0.0831
sick	0.9576	0.0424	0.8417	0.6810	0.5094
sirtuin6	0.5000	0.5000	0.3333	0.0000	0.5283
skin	0.9475	0.0525	0.9218	0.8433	0.3599
skin10%	0.9367	0.0633	0.9045	0.8090	0.3992
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2200	0.3900	0.1517	-0.0506	0.7592
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6983	0.3017	0.7534	0.4378	0.6101
soil_pollution	0.1867	0.3253	0.1855	-0.0224	0.7122
solar-flare	0.7194	0.0935	0.6285	0.6452	0.2462
sonar	0.6000	0.4000	0.6269	0.2000	0.7816
soybean	0.9265	0.0077	0.9335	0.9196	0.0444
spam-detection	0.9495	0.0505	0.8384	0.6730	0.4437
spambase	0.8630	0.1370	0.8620	0.6978	0.4068
spect	0.6667	0.3333	0.5950	0.1818	0.8134
spectf	0.6857	0.3143	0.4068	-0.0548	0.7485
spectrometer	0.2642	0.0307	0.0620	0.2138	0.2096
splice-EI	0.9464	0.0536	0.9293	0.8585	0.3321
splice-IE	0.9369	0.0631	0.9127	0.8253	0.3761
sport-articles	0.7800	0.2200	0.7574	0.5061	0.6970
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.2000	0.5333	0.1111	-0.1765	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8062	0.1292	0.7751	0.6907	0.4178
steel-b	0.8359	0.1641	0.7201	0.4110	0.6333
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9487	0.0513	0.9230	0.8456	0.3574
steel-o	0.7333	0.2667	0.6888	0.3557	0.7602
steel-p	0.8872	0.1128	0.7182	0.4170	0.6314
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9226	0.8401	0.3898
stellar	0.9560	0.0293	0.9490	0.9219	0.1590
stock	0.8889	0.1111	0.8020	0.6006	0.5660
stockb	0.9692	0.0206	0.9692	0.9537	0.0907
streaming	0.7620	0.2380	0.7587	0.5170	0.7327
stress	0.9524	0.0190	0.9562	0.9404	0.0448
student-lifestyle	0.5700	0.1720	0.3145	0.3059	0.4604

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-depression	0.8022	0.1978	0.7983	0.5958	0.6647
student-habits	0.3900	0.2440	0.1805	0.0359	0.5102
student-weekend	0.4154	0.2338	0.2709	0.1613	0.5285
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.3089	0.0000	0.5640
susy1%	0.7656	0.2344	0.7632	0.5251	0.7235
susy10%	0.7606	0.2394	0.7584	0.5165	0.7343
tae	0.4000	0.4000	0.4255	0.1000	0.6126
telco-churn	0.8239	0.1761	0.7581	0.4511	0.5086
texture	0.8673	0.0241	0.8781	0.8537	0.1483
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9686	0.0314	0.6170	0.2340	0.5865
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8811	0.1189	0.8334	0.6293	0.3827
tis10%	0.8881	0.1119	0.8432	0.6524	0.3647
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.1667	0.1212	0.0857	0.2472
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6898	0.2056	0.4505
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.4048	-0.1364	0.9011
trec11-wc	0.7073	0.0650	0.5551	0.6518	0.2515
trec12-wc	0.6129	0.0968	0.5945	0.5362	0.2693
trec21-wc	0.8788	0.0404	0.7491	0.7490	0.1653
trec23-wc	0.6667	0.1111	0.5472	0.5477	0.2852
trec31-wc	0.8710	0.0430	0.7318	0.8288	0.1717
trec41-wc	0.8409	0.0318	0.6909	0.8075	0.1344
trec45-wc	0.7826	0.0435	0.6255	0.7463	0.1585
tuandromd	0.9484	0.0516	0.9257	0.8481	0.3702
turkish	0.6250	0.1875	0.5618	0.5000	0.3305
tvnews	0.7929	0.2071	0.7766	0.5070	0.5620
tvnews1%	0.7923	0.2077	0.7712	0.5276	0.6563
tvnews10%	0.7687	0.2313	0.7467	0.4506	0.6311
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9619	0.0381	0.4903	-0.0026	0.2791
urban	0.5821	0.0929	0.5931	0.5106	0.2790
urinalysis	0.9371	0.0629	0.4838	-0.0126	0.4999
ustilago1%	0.9853	0.0147	0.4963	-0.0066	0.5661
vehicle	0.6310	0.1845	0.5709	0.4953	0.5001
vehicleVAN	0.9286	0.0714	0.9025	0.8033	0.3723
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.3535	0.1175	0.3845	0.2889	0.3834
vowelZ	0.9091	0.0909	0.6517	0.2667	0.5942
vrnormat310k-hg16-17	0.9099	0.0901	0.6132	0.1013	0.4202
wap-wc	0.5897	0.0410	0.4360	0.5402	0.2616
warpar10p	0.2308	0.1538	0.1404	0.1613	0.2744
warppie10p	0.3333	0.1333	0.3700	0.2632	0.3093
watch-acc1%	0.7300	0.0771	0.7332	0.6832	0.3068
watch-acc10%	0.7184	0.0805	0.7234	0.6689	0.3074
watch-gyr1%	0.7711	0.0654	0.7753	0.7326	0.2651
watch-gyr10%	0.7613	0.0682	0.7665	0.7211	0.2678
water_pollution	0.2300	0.3850	0.1998	-0.0252	0.7151
waveform	0.7400	0.1733	0.7413	0.6101	0.5030
weather-related	0.9500	0.0091	0.9596	0.9434	0.0679

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
web-phishing	0.8148	0.1235	0.6975	0.6538	0.3967
Weekly	0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift	0.8245	0.0702	0.8320	0.7792	0.2330
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9300	0.0350	0.9334	0.9067	0.1189
wilt	0.9814	0.0186	0.8924	0.7711	0.1899
wine	0.6471	0.2353	0.6463	0.4545	0.4616
winequality-red	0.5346	0.1551	0.1967	0.2105	0.3382
winequality-white	0.4990	0.1431	0.2662	0.1891	0.4150
winnipeg10%	0.9073	0.0265	0.9299	0.8824	0.1211
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.0625	0.1250	0.0190	0.0000	0.3357
yeast	0.5135	0.0973	0.2869	0.3810	0.4882
yeastCYT-POX	0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC	0.8986	0.1014	0.4733	-0.0413	0.4155
yeastME1	0.9527	0.0473	0.8027	0.5141	0.5131
yeastME2	0.9122	0.0878	0.5438	0.0873	0.6316
zip	0.7419	0.0516	0.7482	0.7121	0.2745

Table 330: Detailed results for J48(R)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1542	0.0806	0.1158	0.0733	0.6395
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9847	0.0153	0.7127	0.3235	0.2803
accident	0.6000	0.4000	0.6000	0.2000	0.9288
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.8645	0.1355	0.7986	0.5801	0.5428
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.9108	0.0892	0.8744	0.7360	0.3719
air_pollution	0.4033	0.1705	0.0821	-0.0039	0.3725
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8762	0.0495	0.7532	0.7407	0.2621
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.9535	0.0465	0.9489	0.8970	0.2464
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.9652	0.0174	0.8761	0.9340	0.1666
anuran-genus	0.9569	0.0108	0.8748	0.9286	0.1564
anuran-species	0.9625	0.0075	0.9176	0.9478	0.1198
anxiety	0.1000	0.2000	0.0989	-0.0128	0.7764
apple-quality	0.8000	0.2000	0.8007	0.6000	0.6597
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.8000	0.2000	0.8062	0.6000	0.6335
arrhythmia	0.7778	0.0444	0.6116	0.6617	0.1742
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.8636	0.0248	0.7430	0.8413	0.0535
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0600	0.8805	0.8000	0.1433
avila	0.9942	0.0010	0.9924	0.9925	0.0086
babies	0.4677	0.1521	0.1541	0.1579	0.3792
balance	0.8548	0.0968	0.5977	0.7333	0.3403
bank	0.9141	0.0859	0.7697	0.5361	0.5748
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8410	0.1590	0.8245	0.6414	0.5692
basehock	0.8945	0.1055	0.8945	0.7890	0.4477
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9952	0.0048	0.8591	0.7176	0.3802
biodeg	0.8667	0.1333	0.8603	0.7200	0.5345
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9867	0.0024	0.2171	0.1894	0.2238
body-perf	0.7209	0.1396	0.7233	0.6279	0.4271
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.6525	0.5600	0.2067
bridges	0.7000	0.1000	0.4667	0.4828	0.1799
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9655	0.0172	0.9349	0.9274	0.1682
car-insurance	0.8560	0.1440	0.8298	0.6586	0.5762
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.8169	0.0366	0.7948	0.7789	0.1949
cardiotocography-nsp	0.9202	0.0532	0.8562	0.7862	0.3168
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8500	0.1000	0.8187	0.7257	0.2613
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.7215	0.2785	0.7189	0.4348	0.7872
cas_N6512_RDkit_AtomPair_FP	0.7209	0.2791	0.7186	0.4371	0.7941
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7723	0.2277	0.7715	0.5428	0.7144
cas_N6512_rdkit_FEATMORGAN	0.7512	0.2488	0.7500	0.5000	0.7490
cas_N6512_RDkit_Featmorgan_FP	0.7347	0.2653	0.7329	0.4658	0.7745
cas_N6512_RDkit_FP	0.7147	0.2853	0.7132	0.4263	0.8025
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7588	0.2412	0.7567	0.5113	0.7323
cas_N6512_RDkit_MACCS_FP	0.7853	0.2147	0.7852	0.5696	0.6903
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7927	0.2073	0.7729	0.5459	0.6982
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9994	0.0006	0.8218	0.6204	0.2692
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8550	0.1450	0.7485	0.4576	0.5577
churn-bigml	0.9625	0.0375	0.9219	0.8396	0.2449
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.6628	0.4797	0.5224
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7500	0.1250	0.5944	0.6134	0.5200
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.5833	0.2778	0.6667	0.3333	0.4065
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5714	0.2857	0.5410	0.3292	0.6776
cnae-9	0.9167	0.0185	0.9192	0.9062	0.0930
codon_usage	0.8289	0.0311	0.6507	0.7915	0.2625
coil20	0.9306	0.0069	0.9324	0.9269	0.0470
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2	0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3	0.5517	0.4483	0.5209	0.0407	0.9707
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.6207	0.3793	0.6202	0.2350	0.8975
colposcopies-c	0.7586	0.2414	0.6545	0.3072	0.7986
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7188	0.2812	0.7187	0.4374	0.7960
coupon	0.7066	0.2934	0.6971	0.3821	0.7925

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.8492	0.0431	0.7703	0.7570	0.3300
covtypeCD	0.9876	0.0124	0.9734	0.9464	0.1206
covtypeT	0.9839	0.0161	0.9369	0.8735	0.2481
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.9041	0.0320	0.6841	0.8017	0.3844
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.3438	0.0328	0.2371	0.3260	0.0984
customer-churn	0.9830	0.0170	0.7386	0.4369	0.3908
cybersecurity	0.1700	0.2767	0.1718	0.0038	0.8825
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.7407	0.2593	0.7385	0.4757	0.7630
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8267	0.1733	0.7127	0.3792	0.6123
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9002	0.0998	0.7250	0.4364	0.5990
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9189	0.0270	0.9249	0.8991	0.0971
desharnais	0.6250	0.2500	0.4869	0.2258	0.4685
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5625	0.2917	0.6061	0.3171	0.5375
DIA	0.8000	0.2000	0.7333	0.4667	0.7248
diabetes	0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5588	0.2941	0.3563	0.1063	0.5110
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7716	0.0914	0.7705	0.6753	0.3295
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.3333	0.6667	0.3429	-0.2973	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5485	0.4515	0.5421	0.0809	0.9581
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7698	0.1535	0.7053	0.6138	0.4594
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.2595	0.2571	0.4802
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5851	0.1185	0.1589	0.1696	0.4847
drug-14	0.5798	0.1201	0.2567	0.2772	0.5554
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6011	0.1140	0.2741	0.3441	0.4225
drug-17	0.3617	0.1824	0.1384	0.0973	0.4992
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9221	0.0223	0.9317	0.9057	0.1261
ecoli	0.7941	0.0686	0.6417	0.7180	0.2594
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2112	-0.0524	0.8738
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.8331	0.1669	0.8313	0.6627	0.6004
eeg10%	0.3113	0.0861	0.3001	0.2386	0.7277
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5753	0.1699	0.5585	0.4629	0.4584
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9352	0.0648	0.9351	0.8699	0.3179
fakenews	0.5375	0.4625	0.5380	0.0757	0.9752
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.6748	0.0383	0.5864	0.6302	0.2790
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8269	0.0865	0.8311	0.7595	0.1851
gas	0.9734	0.0089	0.9723	0.9677	0.0642
gastrointestinal	0.6250	0.2500	0.6792	0.4545	0.4414
gender	0.6063	0.2625	0.5167	0.1598	0.5069
gene	0.9432	0.0379	0.9393	0.9094	0.1664
german	0.6900	0.3100	0.6322	0.2439	0.8259
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9078	0.0922	0.9085	0.8157	0.4024
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7143	0.0952	0.6866	0.6075	0.2208
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage	0.4000	0.3000	0.3332	0.1768	0.5734
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.4231	0.0000	0.4155

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.9735	0.0106	0.9722	0.9665	0.0700
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.9066	0.0267	0.5534	0.8615	0.1517
har7010%	0.9186	0.0233	0.5761	0.8787	0.1940
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.8592	0.0235	0.5388	0.8073	0.2210
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.7333	0.2667	0.7474	0.4495	0.6523
heart-failure	0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6527	0.3473	0.6503	0.3001	0.8773
higgs1%	0.6957	0.3043	0.6939	0.3874	0.8270
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1215	0.0494	0.3364
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8718	0.1282	0.7463	0.4765	0.6025
hiva	0.9574	0.0426	0.5920	0.1629	0.5802
horse	0.6667	0.2222	0.6189	0.3864	0.4672
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.9964	0.0024	0.9966	0.9946	0.0167
htru2	0.9793	0.0207	0.9357	0.8697	0.2166
hypothyroid	0.9867	0.0066	0.7218	0.9220	0.1050
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6271	0.3729	0.5455	0.0910	0.9108
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.7972	0.0156	0.8019	0.7891	0.1722
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.8956	0.0232	0.8900	0.8818	0.1641
kc1	0.8578	0.1422	0.6618	0.2066	0.4924
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.9982	0.0003	0.8198	0.9969	0.0256

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.8703	0.0865	0.8245	0.7856	0.2362
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.8431	0.0174	0.8627	0.8248	0.1947
krvskp	0.9875	0.0125	0.9875	0.9749	0.0906
la1s-wc	0.2317	0.2561	0.0627	0.0000	0.3731
la2s-wc	0.2517	0.2494	0.0670	0.0000	0.3690
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.4118	0.0294	0.2094	0.3918	0.0931
led24	0.6500	0.0700	0.6082	0.6034	0.1889
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8800	0.0092	0.8797	0.8752	0.1378
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8333	0.0222	0.8497	0.8209	0.0649
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6176	0.3824	0.5735	0.1467	0.9099
loan	0.9883	0.0117	0.9875	0.9750	0.0789
localization	0.7332	0.0485	0.5203	0.6641	0.5033
localization10%	0.6487	0.0639	0.4053	0.5533	0.5424
lrs	0.8302	0.0485	0.8761	0.7687	0.1700
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.5000	0.2000	0.4160	0.3600	0.2441
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.8857	0.7938	0.1791
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.4956	0.4667	0.4027
lymphoma2	0.6667	0.1111	0.4000	0.5500	0.1046
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.6885	0.3115	0.6887	0.3769	0.8343
magic04	0.8469	0.1531	0.8292	0.6563	0.5792
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8229	0.6421	0.6074
marketing	0.8705	0.1295	0.6806	0.2760	0.5223
maternal	0.8317	0.1122	0.8347	0.7446	0.3750
math	0.8750	0.0625	0.8568	0.8079	0.1944
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2200	0.3120	0.2223	0.0253	0.8558
messidor	0.6174	0.3826	0.6360	0.2559	0.8572
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.8850	0.0230	0.8902	0.8722	0.1177
mfeat-fou	0.7750	0.0450	0.7702	0.7500	0.2094
mfeat-kar	0.8050	0.0390	0.8066	0.7833	0.2056
mfeat-mor	0.7250	0.0550	0.7024	0.6944	0.1883
mfeat-pix	0.8850	0.0230	0.8848	0.8722	0.1371
mfeat-zer	0.7350	0.0530	0.7304	0.7056	0.2256
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mines	0.5882	0.1647	0.5671	0.4820	0.4258
mobile	0.6608	0.0121	0.6718	0.6547	0.1587
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9016	0.0984	0.8943	0.7663	0.2680
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4806	0.0944	0.4989	0.3768	0.5647
musk	0.9591	0.0409	0.9203	0.8403	0.3184
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7662	0.2338	0.7580	0.5155	0.7293
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.8201	0.1799	0.8141	0.6277	0.6296
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.8156	0.1844	0.8093	0.6181	0.6390
MUT_ci300400a_rdkit_descriptors	0.8296	0.1704	0.8250	0.6494	0.6083
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9707	0.0293	0.9707	0.9414	0.1786
NCI60	0.3333	0.2222	0.3333	0.2000	0.2322
nci9	0.1667	0.2778	0.1667	0.0000	0.3261
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.9063	0.0099	0.4571	0.7349	0.3572
ncRNA10%	0.9266	0.0077	0.6379	0.8041	0.6537
neo	0.9150	0.0850	0.6924	0.2791	0.4180
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6587	0.3413	0.6559	0.3107	0.8698
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9571	0.0429	0.9472	0.8945	0.2663
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9992	0.0004	0.9994	0.9989	0.0028
obesity	0.9242	0.0217	0.9242	0.9114	0.1040
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9932	0.0068	0.9905	0.9809	0.0835
Occupancy_Estimation	0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc	0.8515	0.0297	0.8615	0.8296	0.1346
oh10-wc	0.6952	0.0610	0.7175	0.6525	0.2722
oh15-wc	0.7609	0.0478	0.7587	0.7282	0.2271
oh5-wc	0.7692	0.0462	0.7898	0.7385	0.2012
olive	0.9298	0.0156	0.9215	0.9118	0.0463
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.6502	0.2614	0.5875
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.8754	0.0249	0.8806	0.8616	0.1579
optdigitsZ	0.9929	0.0071	0.9780	0.9561	0.1305
orl	0.6750	0.0163	0.6445	0.6667	0.0587
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.7948	0.5875	0.6449
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
page-blocks	0.9762	0.0095	0.9085	0.8708	0.2129
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.9194	0.0806	0.9139	0.8268	0.3712
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8892	0.1108	0.8638	0.7276	0.5121
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5103	0.4897	0.4023	-0.1225	0.9499
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7895	0.2105	0.7007	0.3962	0.7434
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9645	0.0071	0.9642	0.9605	0.0597
period	0.7778	0.2222	0.7568	0.4000	0.4011
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7755	0.2245	0.7544	0.4928	0.6849
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.9043	0.0273	0.8985	0.8881	0.1122
phone-acc1%	0.9805	0.0056	0.9792	0.9772	0.0352
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.9088	0.0260	0.9008	0.8934	0.1114
phone-gyr1%	0.9689	0.0089	0.9656	0.9636	0.0445
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8870	0.1130	0.8658	0.7298	0.5173
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7027	0.3824	0.7533
pirvision	0.9954	0.0030	0.9920	0.9854	0.0215
placement	0.7850	0.2150	0.7813	0.5620	0.6952
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5229	0.1363	0.1644	0.0513	0.2031
poker10%	0.6357	0.0911	0.2256	0.3102	0.2655
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9666	0.0334	0.7256	0.2532	0.1004
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9592	0.0408	0.7489	0.4125	0.3058
polish-5th	0.9492	0.0508	0.7625	0.4608	0.3502
polya	0.7384	0.2616	0.7042	0.4011	0.7764
popularity	0.6699	0.2201	0.4182	0.2126	0.4732
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6777	0.3529	0.8439
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.4242	0.0886	0.3229	0.3529	0.2605
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7164	0.2836	0.6476	0.2629	0.7776
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9861	0.0056	0.9740	0.9813	0.0435
puc-rio10%	0.9722	0.0111	0.9486	0.9628	0.0751
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4958	0.5042	0.4958	-0.0083	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9808	0.0192	0.9407	0.8775	0.1483
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.7533	0.0379	0.6603	0.6735	0.2888
re1-wc	0.7651	0.0188	0.6467	0.7325	0.2131
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9879	0.0121	0.9878	0.9755	0.0839
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6401	0.3599	0.6254	0.2506	0.8956
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8678	0.0441	0.8452	0.8366	0.2012
satimageF	0.9844	0.0156	0.9599	0.9198	0.2059
satimageT	0.9393	0.0607	0.8147	0.6165	0.4446
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9610	0.0111	0.9657	0.9544	0.0514
segmentation	0.8218	0.1782	0.8100	0.6186	0.6382
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8556	0.1444	0.4611	-0.0199	0.5486
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8579	0.1421	0.4618	-0.0199	0.5487
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8553	0.1447	0.5678	0.0991	0.6711
sens-9-gram	0.8789	0.1211	0.6687	0.1547	0.3573
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8938	0.1062	0.7743	0.5355	0.5559
shuttle	1.0000	0.0000	1.0000	1.0000	0.0000
sick	0.9867	0.0133	0.9442	0.8819	0.0504
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9994	0.0006	0.9991	0.9981	0.0115
skin10%	0.9971	0.0029	0.9957	0.9913	0.0243
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2200	0.3900	0.2154	-0.0439	0.8506
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2000	0.3200	0.2005	0.0003	0.8790
solar-flare	0.7842	0.0719	0.6309	0.7221	0.1734
sonar	0.7000	0.3000	0.7000	0.4000	0.8211
soybean	0.9412	0.0062	0.9535	0.9357	0.0319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spam-detection	0.9570	0.0430	0.8780	0.7546	0.4542
spambase	0.9217	0.0783	0.9183	0.8367	0.3758
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.8286	0.1714	0.7900	0.5800	0.6541
spectrometer	0.5000	0.0370	0.3432	0.4719	0.1421
splice-EI	0.9716	0.0284	0.9626	0.9251	0.2138
splice-IE	0.9464	0.0536	0.9261	0.8522	0.3405
sport-articles	0.7700	0.2300	0.7497	0.4983	0.7319
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9078	0.0615	0.8835	0.8502	0.2226
steel-b	0.8359	0.1641	0.7574	0.5145	0.6797
steel-d	0.9846	0.0154	0.8820	0.7613	0.4382
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8103	0.1897	0.7969	0.5920	0.6609
steel-p	0.9179	0.0821	0.6957	0.3853	0.6193
steel-s	0.9949	0.0051	0.9665	0.9307	0.0228
steel-z	0.9949	0.0051	0.9860	0.9715	0.1355
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9236	0.0764	0.8647	0.6909	0.1999
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9940	0.0060	0.9939	0.9879	0.0490
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.6150	0.1540	0.3422	0.3854	0.4477
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4154	0.2338	0.1980	0.1364	0.5166
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.4579	0.1415	0.3664
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7842	0.2158	0.7832	0.5598	0.6755
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.5333	0.3111	0.5442	0.3000	0.5465
telco-churn	0.8835	0.1165	0.8459	0.6887	0.5141
texture	0.9273	0.0132	0.9302	0.9198	0.0914
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	0.9368	0.0632	0.9293	0.8586	0.3353
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8806	0.1194	0.8304	0.6335	0.4335
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.5294	0.2353	0.5332	0.3704	0.5621
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.8235	0.1765	0.8163	0.6277	0.6246
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.5716	0.1431	0.8650
trec11-wc	0.7317	0.0596	0.6184	0.6684	0.2198
trec12-wc	0.7742	0.0565	0.7679	0.7270	0.1615
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.9205	0.0159	0.7578	0.9028	0.0915
trec45-wc	0.9130	0.0174	0.8297	0.8984	0.0735
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
turkish	0.6000	0.2000	0.5978	0.4667	0.4860
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8154	0.1846	0.8018	0.6037	0.6510
tvnews10%	0.8728	0.1272	0.8621	0.7236	0.5174
ur3_cobotops_grip	0.9755	0.0245	0.7604	0.4282	0.2319
ur3_cobotops_stop	0.9646	0.0354	0.7227	0.4403	0.5443
urban	0.8507	0.0332	0.8281	0.8247	0.1377
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7024	0.1488	0.6849	0.6040	0.2894
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.3939	0.1102	0.4115	0.3333	0.3569
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.6154	0.0769	0.5552	0.5667	0.1283
warppie10p	0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.9876	0.0036	0.9873	0.9855	0.0282
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.9891	0.0031	0.9890	0.9873	0.0248
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2800	0.3600	0.2785	0.0397	0.8478
waveform	0.7440	0.1707	0.7442	0.6159	0.5030
weather-related	0.9712	0.0052	0.9702	0.9673	0.0455
web-phishing	0.8519	0.0988	0.8092	0.7349	0.4032
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9750	0.0125	0.9750	0.9667	0.0511
wilt	0.9814	0.0186	0.9174	0.8267	0.4154
wine	0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red	0.5472	0.1509	0.2695	0.2922	0.5171
winequality-white	0.5521	0.1280	0.3089	0.3318	0.5910
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9797	0.0058	0.9721	0.9744	0.0646
wisc_bc	0.9474	0.0526	0.9432	0.8858	0.2729
yale	0.5625	0.0583	0.4690	0.5314	0.1025
yeast	0.5473	0.0905	0.4157	0.4190	0.3714
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1	0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.8978	0.0204	0.8890	0.8855	0.1519

Table 331: Detailed results for J48

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1823	0.0564	0.0993	0.1071	0.5032
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer	0.9831	0.0169	0.6684	0.2444	0.3522
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.8704	0.1296	0.8097	0.6100	0.5494
advanced-iot	0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8000	0.2000	0.4444	-0.0357	0.6563
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8333	0.1667	0.5863	0.1628	0.7500
AID1608Morered	0.9126	0.0874	0.4772	-0.0311	0.6533
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.6000	0.4000	0.5669	0.1304	0.8900
AID644red	0.5000	0.5000	0.5000	0.0000	0.8968
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8685	0.1315	0.8157	0.6293	0.5755
air_pollution	0.2567	0.2124	0.1821	0.0306	0.8685
alcohol	0.8000	0.0800	0.5043	0.5789	0.3525
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.9442	0.0558	0.9387	0.8757	0.2730
anneal	0.9663	0.0135	0.9674	0.9317	0.1118
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.9652	0.0174	0.9158	0.9336	0.1117
anuran-genus	0.9346	0.0163	0.8460	0.8913	0.1698
anuran-species	0.9556	0.0089	0.9055	0.9380	0.1210
anxiety	0.0750	0.2056	0.0735	-0.0430	0.8454
apple-quality	0.8000	0.2000	0.8007	0.6000	0.6597
arabidopsis0.1%	0.9853	0.0147	0.4963	-0.0071	0.5635
arcene	0.8000	0.2000	0.8062	0.6000	0.6335
arrhythmia	0.7778	0.0342	0.5006	0.6560	0.1767
auction	0.9853	0.0147	0.9664	0.9305	0.0577
audiology	0.8261	0.0145	0.3557	0.8004	0.0329
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7000	0.1000	0.6013	0.6053	0.2689
avila	0.9837	0.0027	0.9720	0.9788	0.0511
babies	0.3306	0.1912	0.1803	0.0029	0.6505

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
balance	0.8226	0.1183	0.5673	0.6670	0.3118
bank	0.9031	0.0969	0.7534	0.5066	0.6184
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8456	0.1544	0.8297	0.6518	0.5571
basehock	0.9146	0.0854	0.9146	0.8291	0.3883
bio	0.9962	0.0038	0.8876	0.7736	0.3068
bio10%	0.9945	0.0055	0.8448	0.6895	0.4286
biodeg	0.8381	0.1619	0.8265	0.6517	0.5952
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin	0.9875	0.0011	0.1433	0.3154	0.2386
bitcoin1%	0.9866	0.0009	0.1133	0.3571	0.2491
bitcoin10%	0.9873	0.0023	0.2703	0.2708	0.2166
body-perf	0.6896	0.1552	0.6891	0.5861	0.4772
brain-tumor	0.5010	0.4990	0.5010	0.0020	0.9994
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma	0.3636	0.6364	0.3446	-0.3051	1.0000
breast-tissue	0.6364	0.1212	0.6525	0.5600	0.2067
bridges	0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17	0.9010	0.0990	0.6443	0.2749	0.6522
bub12at310k-hg16-17	0.9011	0.0989	0.6521	0.2938	0.6542
bub8at310k-hg16-17	0.8959	0.1041	0.6639	0.3261	0.6687
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4310	0.3793	0.3270	-0.0050	0.8054
car	0.9483	0.0259	0.9082	0.8928	0.1996
car-insurance	0.8360	0.1640	0.8104	0.6206	0.6269
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.8263	0.0347	0.8045	0.7894	0.1606
cardiotocography-nsp	0.9108	0.0595	0.8474	0.7613	0.3805
cardiovascular	0.7325	0.2675	0.7327	0.4649	0.7753
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6249	0.5531	0.4741
cas_N6512_cdk_ECFP2	0.7266	0.2734	0.7255	0.4508	0.7854
cas_N6512_rdkit_ATOMPAIR	0.7262	0.2738	0.7236	0.4464	0.7853
cas_N6512_RDkit_AtomPair_FP	0.7025	0.2975	0.6998	0.3991	0.8186
cas_N6512_rdkit_AVALON	0.7650	0.2350	0.7636	0.5272	0.7273
cas_N6512_RDkit_Avalon_FP	0.7653	0.2347	0.7639	0.5278	0.7267
cas_N6512_rdkit_descriptors	0.7723	0.2277	0.7716	0.5430	0.7141
cas_N6512_rdkit_FEATMORGAN	0.7527	0.2473	0.7512	0.5024	0.7470
cas_N6512_RDkit_Featmorgan_FP	0.7423	0.2577	0.7411	0.4821	0.7627
cas_N6512_RDkit_FP	0.7454	0.2546	0.7439	0.4878	0.7583
cas_N6512_rdkit_LAYERED	0.7569	0.2431	0.7562	0.5121	0.7393
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.7665	0.2335	0.7647	0.5260	0.7161
cas_N6512_RDkit_MACCS_FP	0.7837	0.2163	0.7848	0.5677	0.6890
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.7592	0.2408	0.7572	0.5141	0.7359
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.7189	0.2811	0.7172	0.4345	0.7969
cas_N6512_rdkit_TORSION	0.7338	0.2662	0.7333	0.4662	0.7740
ccds1%	0.8984	0.1016	0.4732	-0.0502	0.5403
cdc_diabetes	0.8355	0.1097	0.4133	0.2098	0.5063
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7668	0.2332	0.7472	0.4942	0.7399
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9453	0.0547	0.5805	0.1196	0.5510

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
census10%	0.9475	0.0525	0.7331	0.4552	0.5399
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9884	0.0116	0.9446	0.8828	0.3522
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9368	0.0316	0.9383	0.9058	0.1344
chrom19	0.9997	0.0003	0.9284	0.8469	0.0306
chrom191%	0.9982	0.0018	0.4996	-0.0008	0.5346
chrom1910%	0.9993	0.0007	0.8154	0.6247	0.3778
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9277	0.0723	0.6796	0.3030	0.5106
churn	0.8620	0.1380	0.7671	0.5190	0.5921
churn-bigml	0.9625	0.0375	0.9219	0.8396	0.2449
ci900367j_MACCS	0.6737	0.3263	0.6447	0.2874	0.8648
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.6432	0.4375	0.5531
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7481	0.1259	0.5940	0.6100	0.5281
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5646	0.2902	0.5421	0.3218	0.6846
cnae-9	0.9167	0.0185	0.9235	0.9062	0.0868
codon_usage	0.8266	0.0315	0.6492	0.7894	0.3359
coil20	0.9375	0.0063	0.9404	0.9342	0.0414
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.7108	0.4171	0.7845
colposcopies-2	0.7931	0.2069	0.7784	0.5272	0.6067
colposcopies-3	0.5517	0.4483	0.5556	0.1087	0.9445
colposcopies-4	0.6207	0.3793	0.5770	0.1493	0.8677
colposcopies-5	0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.6897	0.3103	0.6349	0.2606	0.8063
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.8065	0.1290	0.7543	0.6895	0.2733
comedy_comparisons1%	0.5180	0.4820	0.5183	0.0024	0.5764
cottonmeloidogyne	0.7260	0.2740	0.7262	0.4521	0.7849
coupon	0.4314	0.5686	0.3014	0.0000	0.5291
covtype10%	0.8468	0.0438	0.7685	0.7529	0.3214
covtypeCD	0.9881	0.0119	0.9744	0.9487	0.1187
covtypeT	0.9834	0.0166	0.9356	0.8712	0.2700
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.9996	0.0004	0.9347	0.8634	0.0758
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9060	0.0313	0.7749	0.8061	0.3782
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.1875	0.0406	0.1122	0.1663	0.1369
customer-churn	0.9844	0.0156	0.7734	0.5282	0.4092
cybersecurity	0.1700	0.2767	0.1714	0.0037	0.8826
cyclopentane	0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands	0.6852	0.3148	0.6902	0.3738	0.8192
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1028	0.1794	0.1027	0.0031	0.9234

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8107	0.1893	0.6938	0.3729	0.7108
defect	0.9599	0.0401	0.9228	0.8425	0.2601
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8910	0.1090	0.7181	0.4337	0.6447
depressed	0.7413	0.2587	0.4751	-0.0483	0.8430
dermatology	0.9189	0.0270	0.9249	0.8991	0.0971
desharnais	0.6250	0.2500	0.4869	0.2258	0.4685
dexter	0.8667	0.1333	0.8675	0.7333	0.5139
df_final	0.6250	0.2500	0.6247	0.4419	0.4835
DIA	0.8000	0.2000	0.7220	0.4419	0.7266
diabetes	0.9038	0.0962	0.8978	0.7950	0.4246
diabetes-risk	0.9207	0.0793	0.8752	0.7481	0.4301
diabetic1%	0.4608	0.3595	0.3854	0.0304	0.7623
diabetic10%	0.4941	0.3373	0.3745	0.0974	0.7872
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7642	0.0943	0.7626	0.6662	0.3463
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.4167	0.5833	0.4286	-0.1351	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9217	0.0783	0.7647	0.5285	0.5845
dota210%	0.5282	0.4718	0.5271	0.0541	0.9828
drebin	0.9829	0.0171	0.9818	0.9636	0.1185
dropout	0.7607	0.1595	0.6979	0.6027	0.4769
drug-01	0.3351	0.1900	0.1525	0.0234	0.7695
drug-02	0.4628	0.1535	0.2082	0.1328	0.7012
drug-03	0.6596	0.0973	0.2202	0.2116	0.4963
drug-04	0.5479	0.1292	0.2374	0.1705	0.4086
drug-05	0.6649	0.0957	0.1222	-0.0474	0.4093
drug-06	0.4202	0.1657	0.2569	0.2683	0.5765
drug-07	0.3298	0.1915	0.1332	-0.0708	0.5260
drug-08	0.5532	0.1277	0.2355	0.1921	0.5004
drug-09	0.8617	0.0395	0.1814	0.1951	0.3257
drug-10	0.5053	0.1413	0.1744	0.1413	0.5651
drug-11	0.8245	0.0502	0.1651	0.0198	0.4711
drug-12	0.7553	0.0699	0.1588	0.0802	0.5030
drug-13	0.6064	0.1125	0.2332	0.2428	0.4238
drug-14	0.5957	0.1155	0.2956	0.3094	0.6428
drug-15	0.7394	0.0745	0.2220	0.1644	0.6415
drug-16	0.6011	0.1140	0.3037	0.3540	0.4633
drug-17	0.3617	0.1824	0.2011	0.1416	0.6743
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7340	0.0760	0.1544	0.0594	0.3880
drybean	0.9162	0.0239	0.9296	0.8987	0.1342
ecoli	0.8529	0.0368	0.5215	0.7942	0.1294
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.1800	0.4100	0.1770	-0.0948	0.8978
eeg	0.4005	0.0749	0.4067	0.3381	0.7119
eeg-eye	0.8311	0.1689	0.8290	0.6577	0.6035
eeg10%	0.3096	0.0863	0.2845	0.2380	0.7235
email_phishing	0.9886	0.0114	0.7142	0.2760	0.1711
eucalyptus	0.6712	0.1315	0.6740	0.5808	0.3467

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
euthyroid	0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%	0.9305	0.0695	0.9303	0.8605	0.3371
fakenews	0.5150	0.4850	0.5154	0.0307	0.9899
farm-ads	0.8430	0.1570	0.8422	0.6844	0.5774
fbis-wc	0.6667	0.0392	0.5675	0.6222	0.2775
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.9150	0.0283	0.9019	0.8673	0.1738
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.5500	0.1125	0.3587	0.4512	0.2786
fonts10%	0.6115	0.0051	0.3161	0.5943	0.5018
forest	0.8462	0.0769	0.8454	0.7864	0.1749
gas	0.9741	0.0086	0.9730	0.9686	0.0630
gastrointestinal	0.5625	0.2917	0.5841	0.3373	0.5568
gender	0.6021	0.2653	0.4740	0.1949	0.6066
gene	0.9338	0.0442	0.9269	0.8944	0.1997
german	0.7000	0.3000	0.6464	0.2736	0.8152
gestures	0.8057	0.0972	0.8066	0.7409	0.3504
gina	0.8991	0.1009	0.8992	0.7983	0.4343
gisette	0.9471	0.0529	0.9471	0.8943	0.2770
glass	0.7619	0.0794	0.7176	0.6656	0.2136
glass-g2	0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.8750	0.1250	0.8298	0.6000	0.2846
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2000	0.4000	0.1334	-0.1392	0.6315
gsalc	0.7778	0.0741	0.7500	0.7273	0.1003
haberman	0.6667	0.3333	0.5739	0.1477	0.8809
hapt	0.9286	0.0119	0.7997	0.9156	0.0738
har	0.9730	0.0108	0.9717	0.9658	0.0696
har70	0.9243	0.0216	0.6362	0.8876	0.2634
har701%	0.9066	0.0267	0.5700	0.8617	0.1621
har7010%	0.9161	0.0240	0.5957	0.8753	0.2552
harth	0.8813	0.0198	0.6446	0.8388	0.2413
harth1%	0.8559	0.0240	0.5464	0.8031	0.2520
harth10%	0.8666	0.0222	0.6065	0.8186	0.2611
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.5882	0.4118	0.6071	0.2013	0.8825
health-activity	0.6700	0.1650	0.2513	0.0443	0.6536
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.8255	0.1745	0.8257	0.6511	0.6129
hepmass10%	0.8383	0.1617	0.8384	0.6766	0.5860
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
higgs0.1%	0.6709	0.3291	0.6689	0.3375	0.8573
higgs1%	0.6623	0.3377	0.6607	0.3213	0.8673
higgs10%	0.6831	0.3169	0.6818	0.3635	0.8430
higher	0.2143	0.1964	0.1429	0.0778	0.3455
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8685	0.1315	0.7655	0.5309	0.6428
hiva	0.9527	0.0473	0.5399	0.0699	0.6111
horse	0.5556	0.2963	0.5301	0.2310	0.6659
hotel-reservartions	0.8906	0.1094	0.8740	0.7467	0.4745
hr	0.8211	0.1789	0.5391	0.0724	0.7745
ht-sensor	0.9997	0.0002	0.9997	0.9995	0.0022
ht-sensor10%	0.9962	0.0025	0.9964	0.9943	0.0175
htru2	0.9777	0.0223	0.9303	0.8588	0.2314
hypothyroid	0.9894	0.0053	0.7333	0.9384	0.0999
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6610	0.3390	0.5868	0.1737	0.8848
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.9767	0.0117	0.9771	0.9689	0.0497
ionosphere	0.8571	0.1429	0.8390	0.6765	0.5771
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.7972	0.0156	0.8019	0.7891	0.1722
jm1	0.7998	0.2002	0.5881	0.1308	0.7073
jvowels	0.8695	0.0290	0.8663	0.8521	0.1952
kc1	0.8531	0.1469	0.6436	0.1948	0.5528
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.5714	0.0357	0.0333	0.1064	0.1846
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.6010	0.1140	0.6069	0.5339	0.5056
kddcup981%	0.9263	0.0737	0.4809	-0.0310	0.6583
kddcup9810%	0.9372	0.0628	0.5082	0.0110	0.5954
kddcup991%	0.9980	0.0003	0.7979	0.9966	0.0257
kepler	0.8713	0.0858	0.8249	0.7881	0.2334
kidney	0.7045	0.1182	0.2129	0.0207	0.7940
kidney-disease	0.9500	0.0500	0.9467	0.8933	0.2764
krkopt	0.7287	0.0301	0.7530	0.6969	0.3102
krvskp	0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc	0.7524	0.0825	0.7200	0.6851	0.3768
la2s-wc	0.7550	0.0817	0.7322	0.6908	0.3707
labor	0.6667	0.3333	0.6250	0.2500	0.8750
leaf	0.7353	0.0132	0.3973	0.7218	0.0678
led24	0.7000	0.0600	0.6496	0.6591	0.1595
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.8625	0.0106	0.8625	0.8570	0.1561
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7222	0.0370	0.6806	0.7012	0.1116
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.6471	0.3529	0.5776	0.1535	0.9051
loan	0.9859	0.0141	0.9850	0.9700	0.0987
localization	0.7313	0.0488	0.5215	0.6617	0.5063
localization10%	0.6499	0.0637	0.4034	0.5552	0.5635
lrs	0.8302	0.0340	0.4849	0.7680	0.1527
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.6250	0.1071	0.5333	0.5472	0.1163
lung-cancer	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lung-cancer-harvard1	0.9000	0.0400	0.8857	0.7938	0.1791
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4014	0.5882	0.2627
lymphoma2	0.7778	0.0741	0.6222	0.7000	0.0693
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.6731	0.3269	0.6737	0.3462	0.8510
magic04	0.8517	0.1483	0.8343	0.6659	0.5649
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8225	0.6449	0.6199
marketing	0.8571	0.1429	0.6797	0.3499	0.6874
maternal	0.7525	0.1650	0.7607	0.6222	0.4572
math	0.8250	0.0875	0.7817	0.7371	0.2882
mba	0.8210	0.1194	0.4011	0.1891	0.4105
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2167	0.3133	0.2185	0.0211	0.8568
messidor	0.6522	0.3478	0.6683	0.3205	0.8264
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8784	0.8448	0.1220
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.8800	0.0240	0.8852	0.8667	0.1240
mfeat-fou	0.7950	0.0410	0.7914	0.7722	0.2064
mfeat-kar	0.8100	0.0380	0.8111	0.7889	0.2002
mfeat-mor	0.7000	0.0600	0.6962	0.6667	0.2157
mfeat-pix	0.8850	0.0230	0.8848	0.8722	0.1371
mfeat-zer	0.7150	0.0570	0.7083	0.6833	0.2630
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6176	0.1529	0.5728	0.5196	0.4029
mobile	0.6643	0.0120	0.6726	0.6583	0.1546
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9016	0.0984	0.8943	0.7663	0.2680
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4161	0.1062	0.4569	0.3094	0.6136
musk	0.9606	0.0394	0.9235	0.8468	0.3135
MUT_ci300400a_cdk_ECFP2	0.7938	0.2062	0.7867	0.5728	0.6809
MUT_ci300400a_cdk_ECFP4	0.7832	0.2168	0.7770	0.5539	0.7012
MUT_ci300400a_cdk_ECFP6	0.7605	0.2395	0.7523	0.5041	0.7388
MUT_ci300400a_cdk_ESTATE	0.7614	0.2386	0.7529	0.5051	0.7370
MUT_ci300400a_cdk_EXTENDED	0.8106	0.1894	0.8054	0.6108	0.6506
MUT_ci300400a_cdk_FCFP2	0.8096	0.1904	0.8030	0.6052	0.6504
MUT_ci300400a_cdk_FCFP4	0.7806	0.2194	0.7728	0.5449	0.7043
MUT_ci300400a_cdk_FCFP6	0.7686	0.2314	0.7618	0.5236	0.7262
MUT_ci300400a_cdk_MACCS	0.8094	0.1906	0.8026	0.6043	0.6497
MUT_ci300400a_cdk_PUBCHEM	0.8383	0.1617	0.8328	0.6651	0.5904
MUT_ci300400a_cdk_STANDARD	0.8072	0.1928	0.8010	0.6019	0.6568
MUT_ci300400a_rdkit_descriptors	0.8271	0.1729	0.8224	0.6442	0.6136
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9693	0.0307	0.9693	0.9386	0.1849
NCI60	0.3333	0.2222	0.3333	0.2000	0.2322
nci9	0.3333	0.2222	0.3333	0.2000	0.2651
ncRNA	0.9495	0.0053	0.7598	0.8662	0.5236
ncRNA1%	0.9002	0.0105	0.4188	0.7198	0.5084

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ncRNA10%	0.9254	0.0079	0.6225	0.8004	0.7051
neo	0.9145	0.0855	0.6894	0.2695	0.4154
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.7185	0.0128	0.7159	0.7094	0.2301
newspop	0.5946	0.4054	0.5923	0.1846	0.9341
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5278	0.3148	0.3595	0.0769	0.5409
nursery	0.9923	0.0031	0.7841	0.9887	0.0325
obesity	0.9336	0.0190	0.9341	0.9225	0.0911
obs	0.9722	0.0139	0.9802	0.9589	0.0655
occupancy	0.9908	0.0092	0.9871	0.9741	0.1014
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc	0.8515	0.0297	0.8602	0.8297	0.1368
oh10-wc	0.6762	0.0648	0.6984	0.6289	0.2794
oh15-wc	0.7609	0.0478	0.7587	0.7282	0.2271
oh5-wc	0.7033	0.0593	0.7325	0.6637	0.2653
olive	0.9298	0.0156	0.9215	0.9118	0.0463
opn310k	0.9023	0.0977	0.6753	0.3467	0.6532
opn310k10%	0.8951	0.1049	0.6493	0.2964	0.6741
opnat310k-hg16-17	0.8970	0.1030	0.6528	0.3008	0.6675
optdigits	0.8861	0.0228	0.8900	0.8735	0.1516
optdigitsZ	0.9911	0.0089	0.9728	0.9456	0.1683
orl	0.5500	0.0225	0.5215	0.5385	0.0905
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr	0.9209	0.0791	0.6870	0.3700	0.6259
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8144	0.1856	0.7949	0.5897	0.6607
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8813	0.7617	0.4826
p53-mutants	0.9940	0.0060	0.5929	0.1712	0.5242
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9744	0.0102	0.9127	0.8633	0.2333
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.9336	0.0664	0.9292	0.8577	0.3244
parkinsons-small	0.7895	0.2105	0.6999	0.3770	0.7072
particle	0.9061	0.0939	0.8841	0.7682	0.4622
particle10%	0.8862	0.1138	0.8595	0.7191	0.5199
pasture	0.2500	0.5000	0.3333	-0.0909	0.3444
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.4948	0.5052	0.4099	-0.1380	0.9854
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7760	0.5517	0.6697
pediatric-leukemia	0.6471	0.1008	0.6878	0.5714	0.2600
pendigits	0.9554	0.0089	0.9553	0.9504	0.0723
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7784	0.2216	0.7603	0.5190	0.7150
personalities	0.6630	0.0421	0.6636	0.6405	0.4320
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9469	0.0531	0.9442	0.8885	0.2836
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.8928	0.0306	0.8854	0.8747	0.1310
phone-acc1%	0.9885	0.0033	0.9880	0.9866	0.0251
phone-gyr0.1%	0.9268	0.0209	0.9220	0.9144	0.1001
phone-gyr1%	0.9930	0.0020	0.9925	0.9919	0.0159
phoneme	0.8741	0.1259	0.8506	0.6994	0.5502
phy	0.6648	0.3352	0.6648	0.3296	0.8638

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pima	0.7500	0.2500	0.7365	0.4342	0.6670
pirvision	0.9928	0.0048	0.9874	0.9772	0.0467
placement	0.7650	0.2350	0.7570	0.5130	0.7301
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4829	0.1034	0.0959	0.0024	0.2743
poker10%	0.5988	0.1003	0.2723	0.2717	0.6171
polish-1st	0.9701	0.0299	0.7504	0.4485	0.3669
polish-2nd	0.9587	0.0413	0.6542	0.2812	0.5428
polish-3rd	0.9410	0.0590	0.5655	0.1131	0.6136
polish-4th	0.9551	0.0449	0.7523	0.4986	0.5297
polish-5th	0.9526	0.0474	0.7937	0.5756	0.4619
polya	0.7005	0.2995	0.6659	0.3300	0.8369
popularity	0.5861	0.2759	0.4190	0.1719	0.7337
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9761	0.0096	0.9758	0.9701	0.0611
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.3939	0.0551	0.1889	0.3252	0.2399
profb	0.6269	0.3731	0.5621	0.1235	0.9205
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9858	0.0057	0.9737	0.9809	0.0441
puc-rio10%	0.9650	0.0140	0.9365	0.9529	0.0767
pufs-1281%	0.4950	0.5050	0.4950	-0.0100	1.0000
pufs-12810%	0.5005	0.4995	0.5005	0.0010	0.9997
pufs-641%	0.4929	0.5071	0.4929	-0.0142	1.0000
pufs-6410%	0.4999	0.5001	0.4999	-0.0002	1.0000
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
rcv11%	0.6370	0.0177	0.3906	0.5956	0.3993
re0-wc	0.7667	0.0359	0.6881	0.6987	0.3415
re1-wc	0.7892	0.0169	0.6741	0.7603	0.1887
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8337	0.0069	0.5152	0.7727	0.3465
rice	0.9879	0.0121	0.9878	0.9755	0.0839
rnaseq	0.9750	0.0100	0.9724	0.9669	0.0405
rocket	0.6502	0.3498	0.6236	0.2338	0.8660
RT_IOT2022	0.9984	0.0003	0.9782	0.9959	0.0044
satimage	0.8694	0.0435	0.8483	0.8386	0.2066
satimageF	0.9876	0.0124	0.9679	0.9359	0.1750
satimageT	0.9393	0.0607	0.8162	0.6224	0.4558
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5000	0.5000	0.5000	0.0000	0.9994
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8846	0.1154	0.5606	0.1203	0.6599
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9394	0.0173	0.9453	0.9292	0.0770
segmentation	0.8168	0.1832	0.8039	0.6068	0.6490
segmentO	0.9913	0.0087	0.9834	0.9663	0.1466
seismic	0.9109	0.0891	0.5557	0.1044	0.6742
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8632	0.1368	0.5547	0.0445	0.5361
sens-10-gram	0.8478	0.1522	0.5750	0.1262	0.7126
sens-2-gram	0.8421	0.1579	0.5196	0.0290	0.7247

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-3-gram	0.7947	0.2053	0.5657	0.1313	0.7634
sens-4-gram	0.8000	0.2000	0.5624	0.1248	0.7676
sens-5-gram	0.7974	0.2026	0.5529	0.1057	0.7712
sens-6-gram	0.8342	0.1658	0.5627	0.1173	0.7560
sens-7-gram	0.8184	0.1816	0.5705	0.1398	0.7668
sens-8-gram	0.8395	0.1605	0.5776	0.1453	0.7458
sens-9-gram	0.8763	0.1237	0.6524	0.2302	0.5582
sensorless	0.9879	0.0022	0.9879	0.9867	0.0225
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8986	0.1014	0.7900	0.5735	0.5559
shuttle	1.0000	0.0000	1.0000	1.0000	0.0000
sick	0.9867	0.0133	0.9442	0.8819	0.0504
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9993	0.0007	0.9989	0.9978	0.0134
skin10%	0.9971	0.0029	0.9957	0.9913	0.0301
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2400	0.3800	0.2321	-0.0160	0.8236
smk_can_187	0.5263	0.4737	0.5345	0.0656	0.9580
smoking	0.7899	0.2101	0.7725	0.5448	0.6993
soil_pollution	0.1767	0.3293	0.1768	-0.0288	0.8946
solar-flare	0.7626	0.0791	0.6579	0.6946	0.2163
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9559	0.0046	0.9608	0.9517	0.0303
spam-detection	0.9555	0.0445	0.8854	0.7631	0.4714
spambase	0.9261	0.0739	0.9224	0.8446	0.3541
spect	0.8148	0.1852	0.7168	0.4304	0.7152
spectf	0.8000	0.2000	0.7628	0.5243	0.7024
spectrometer	0.4717	0.0220	0.1974	0.4432	0.1325
splice-EI	0.9527	0.0473	0.9371	0.8741	0.2976
splice-IE	0.9180	0.0820	0.8855	0.7708	0.4413
sport-articles	0.8400	0.1600	0.8258	0.6408	0.5569
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9084	0.0611	0.8838	0.8510	0.2198
steel-b	0.8462	0.1538	0.7643	0.5283	0.6608
steel-d	0.9744	0.0256	0.7677	0.5324	0.5024
steel-k	0.9744	0.0256	0.9601	0.9191	0.1618
steel-o	0.8051	0.1949	0.7870	0.5739	0.6758
steel-p	0.9282	0.0718	0.7214	0.4253	0.5579
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9846	0.0154	0.9554	0.9104	0.1831
stellar	0.9729	0.0181	0.9688	0.9519	0.1054
stock	0.8958	0.1042	0.8125	0.6194	0.5344
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0362
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.5550	0.1780	0.3105	0.2866	0.4928
student-depression	0.8168	0.1832	0.8098	0.6183	0.6338
student-habits	0.3400	0.2640	0.2703	0.0504	0.7239
student-weekend	0.4308	0.2277	0.3724	0.2249	0.6846
student-workday	0.7188	0.1125	0.2750	0.1312	0.3367
studentap	0.3077	0.4615	0.3287	-0.0086	0.7159
susy	0.7949	0.2051	0.7937	0.5825	0.6604
susy1%	0.7806	0.2194	0.7788	0.5536	0.6898
susy10%	0.7907	0.2093	0.7894	0.5738	0.6681
swarm_aligned	0.9996	0.0004	0.9995	0.9990	0.0035
swarm_flocking	0.9983	0.0017	0.9983	0.9967	0.0170

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tae	0.4667	0.3556	0.5292	0.2000	0.5341
telco-churn	0.8580	0.1420	0.8173	0.6347	0.5991
texture	0.9200	0.0145	0.9248	0.9118	0.0979
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9686	0.0314	0.4920	-0.0142	0.5981
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9579	0.0421	0.9535	0.9028	0.1545
tis	0.8751	0.1249	0.8306	0.6610	0.5650
tis10%	0.9030	0.0970	0.8645	0.7246	0.4544
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.1667	0.2786	0.2381	0.1674
tox_171	0.4118	0.2941	0.4803	0.2273	0.5579
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.7647	0.2353	0.7684	0.5211	0.6923
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.5442	0.0881	0.8806
trec11-wc	0.7805	0.0488	0.7489	0.7295	0.1826
trec12-wc	0.8387	0.0403	0.8789	0.8053	0.1402
trec21-wc	0.7576	0.0970	0.6028	0.5319	0.3675
trec23-wc	0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc	0.9247	0.0251	0.9416	0.9008	0.1262
trec41-wc	0.9205	0.0159	0.7578	0.9028	0.0915
trec45-wc	0.8986	0.0203	0.8130	0.8814	0.0852
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.6250	0.1875	0.6200	0.5000	0.4739
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.7846	0.2154	0.7709	0.5416	0.7065
tvnews10%	0.8550	0.1449	0.8447	0.6894	0.5662
ur3_cobotops_grip	0.9714	0.0286	0.7326	0.4477	0.4844
ur3_cobotops_stop	0.9701	0.0299	0.7660	0.5264	0.4965
urban	0.8060	0.0431	0.7731	0.7713	0.1657
urinalysis	0.9510	0.0490	0.7039	0.3436	0.4349
ustilago1%	0.9870	0.0130	0.4967	-0.0049	0.5377
vehicle	0.7262	0.1369	0.7116	0.6367	0.2307
vehicleVAN	0.9405	0.0595	0.9260	0.8485	0.3668
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.3636	0.1157	0.3808	0.3000	0.3650
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.8878	0.1122	0.6462	0.2919	0.6833
wap-wc	0.7244	0.0276	0.5547	0.6907	0.2013
warpar10p	0.7692	0.0462	0.7059	0.7383	0.0811
warppie10p	0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc1%	0.9856	0.0041	0.9852	0.9831	0.0313
watch-gyr1%	0.9857	0.0041	0.9854	0.9832	0.0309
water_pollution	0.2600	0.3700	0.2592	0.0133	0.8617
waveform	0.7520	0.1653	0.7523	0.6280	0.4956
weather-related	0.9712	0.0052	0.9702	0.9673	0.0455
web-phishing	0.8222	0.1185	0.7391	0.6809	0.4631
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9800	0.0100	0.9800	0.9733	0.0437
wilt	0.9814	0.0186	0.9124	0.8204	0.4051
wine	0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red	0.6101	0.1300	0.2839	0.3490	0.3370
winequality-white	0.5215	0.1367	0.2545	0.2766	0.5510
winnipeg	0.9913	0.0025	0.9836	0.9891	0.0293

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wisc_bc	0.9474	0.0526	0.9432	0.8858	0.2729
yale	0.5625	0.0583	0.4690	0.5314	0.1025
yeast	0.5743	0.0851	0.4141	0.4494	0.3779
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.8903	0.0219	0.8808	0.8770	0.1660

Table 332: Detailed results for k-NN(BT)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1607	0.0579	0.0878	0.0708	0.5100
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9825	0.0175	0.6456	0.1947	0.3590
accident	0.5000	0.5000	0.5000	0.0000	0.9713
ads	0.9543	0.0457	0.9061	0.8121	0.3831
adult	0.8405	0.1595	0.7628	0.5151	0.6323
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.6500	0.3500	0.3939	-0.0938	0.8482
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red	0.9941	0.0059	0.6782	0.0537	0.0247
aids	0.8075	0.1925	0.7050	0.3571	0.6232
airline	0.9281	0.0719	0.9270	0.8526	0.3335
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
anneal	0.9888	0.0045	0.9858	0.9759	0.0146
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus	0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species	0.9861	0.0028	0.9743	0.9807	0.0592
apple-quality	0.8925	0.1075	0.8927	0.7850	0.4510
aps-failure	0.9900	0.0100	0.8457	0.6860	0.3560
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia	0.6000	0.0615	0.2130	0.1988	0.2662
auction	0.8873	0.1127	0.6886	0.3274	0.5665
audiology	0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult	0.9000	0.1000	0.8697	0.7244	0.3859
autism-child	0.7931	0.2069	0.7967	0.5877	0.6595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autos	0.8000	0.0667	0.6553	0.7324	0.1641
avila	0.7652	0.0391	0.7763	0.6938	0.3689
babies	0.3790	0.1774	0.1252	0.0236	0.4460
balance	0.9194	0.0538	0.6345	0.8480	0.1272
bank	0.8995	0.1005	0.6840	0.3032	0.5257
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	0.9600	0.0400	0.9606	0.9180	0.2092
barleyblumeria	0.8710	0.1290	0.8636	0.6999	0.3814
basehock	0.8040	0.1960	0.8157	0.6075	0.5740
bio	0.9967	0.0033	0.8987	0.7897	0.1958
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8857	0.1143	0.8780	0.7553	0.4788
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9836	0.0015	0.1033	0.1450	0.5062
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0010	0.0463	0.0047	0.0212
body-perf	0.6299	0.1851	0.6396	0.5065	0.4771
breast-cancer	0.6786	0.3214	0.5195	0.0308	0.8648
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.6000	0.1143	0.2562	0.3103	0.1916
bub10at310k-hg16-17	0.9126	0.0874	0.6451	0.2002	0.4887
bub12at310k-hg16-17	0.9104	0.0896	0.6294	0.1712	0.5010
bub8at310k-hg16-17	0.9093	0.0907	0.6379	0.2201	0.5636
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	1.0000	0.0000	1.0000	1.0000	0.0000
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
car	0.9310	0.0345	0.9073	0.8591	0.2477
card	0.8116	0.1884	0.8107	0.5961	0.5612
cardiotocography	0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp	0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular	0.6733	0.3267	0.6735	0.3466	0.8527
cargo2k	0.9721	0.0186	0.9723	0.9581	0.0936
cars	0.7250	0.1833	0.5939	0.4437	0.5482
cas_N6512_cdk_ECFP2	0.7051	0.2949	0.7049	0.4091	0.8129
cas_N6512_rdkit_ATOMPAIR	0.7415	0.2585	0.7396	0.4790	0.7641
cas_N6512_RDkit_AtomPair_FP	0.7546	0.2454	0.7527	0.5051	0.7437
cas_N6512_rdkit_AVALON	0.7911	0.2089	0.7895	0.5788	0.6818
cas_N6512_RDkit_Avalon_FP	0.7975	0.2025	0.7985	0.5952	0.6642
cas_N6512_rdkit_descriptors	0.7754	0.2246	0.7739	0.5477	0.7098
cas_N6512_rdkit_FEATMORGAN	0.7634	0.2366	0.7632	0.5258	0.7276
cas_N6512_RDkit_Featmorgan_FP	0.7439	0.2561	0.7451	0.4882	0.7542
cas_N6512_RDkit_FP	0.7699	0.2301	0.7694	0.5385	0.7177
cas_N6512_rdkit_LAYERED	0.7785	0.2215	0.7787	0.5564	0.7010
cas_N6512_RDkit_Layered_FP	0.7515	0.2485	0.7497	0.4992	0.7487
cas_N6512_rdkit_MACCS	0.7696	0.2304	0.7677	0.5350	0.7189
cas_N6512_RDkit_MACCS_FP	0.7623	0.2377	0.7626	0.5241	0.7280
cas_N6512_rdkit_MORGAN	0.7477	0.2523	0.7525	0.4986	0.7349
cas_N6512_RDkit_morgan_FP	0.7362	0.2638	0.7395	0.4747	0.7584
cas_N6512_rdkit_PATTERN	0.7492	0.2508	0.7535	0.5013	0.7346
cas_N6512_RDkit_pattern_FP	0.7423	0.2577	0.7432	0.4848	0.7577
cas_N6512_rdkit_RDKITFP	0.7880	0.2120	0.7873	0.5744	0.6871
cas_N6512_rdkit_TORSION	0.7292	0.2708	0.7279	0.4558	0.7820
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8456	0.1029	0.4119	0.1542	0.3138
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7865	0.5702	0.6788
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8101	0.5343	0.0872

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9542	0.0458	0.6647	0.1532	0.2651
census10%	0.9459	0.0541	0.6821	0.2213	0.3179
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S	0.9535	0.0465	0.8495	0.6895	0.3805
chrom19	0.9997	0.0003	0.9186	0.8326	0.1678
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9994	0.0006	0.8468	0.6872	0.3227
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8330	0.1670	0.7073	0.3889	0.6561
ci900367j_MACCS	0.6632	0.3368	0.6255	0.2434	0.8704
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4587	0.3710	0.4457
cjs	0.9857	0.0048	0.9859	0.9826	0.0298
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8028	0.0986	0.6646	0.6838	0.3278
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7013	0.4286	0.3779
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4859	0.2205	0.7280
cnae-9	0.8426	0.0350	0.8454	0.8229	0.1416
codon_usage	0.9233	0.0140	0.8203	0.9070	0.1616
coil20	0.9861	0.0014	0.9866	0.9854	0.0097
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.3800	0.0827	0.2381	0.2967	0.3161
colon-tumor	0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1	0.7241	0.2759	0.7041	0.2468	0.4389
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.6897	0.3103	0.6729	0.3185	0.7867
colposcopies-4	0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.6207	0.3793	0.6480	0.2238	0.7270
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.7742	0.1505	0.7318	0.6303	0.3780
connect-4	0.9861	0.0093	0.7197	0.6277	0.2693
cottonmeloidogyne	0.6418	0.3582	0.6458	0.2818	0.8638
coupon	0.6333	0.3667	0.6176	0.2281	0.8907
covtype10%	0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD	0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT	0.9855	0.0145	0.9442	0.8885	0.2569
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9995	0.0005	0.9317	0.8629	0.2254
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn	0.9794	0.0206	0.6513	0.2404	0.4332
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.7222	0.2778	0.7129	0.4088	0.7593
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8147	0.1853	0.6907	0.3458	0.6668
defect	0.8642	0.1358	0.6999	0.3557	0.5930

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
deposit	0.8954	0.1046	0.6857	0.3189	0.5541
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3492	0.1111	0.5070
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.6735	0.4146	0.4478
DIA	0.8833	0.1167	0.8416	0.6316	0.2737
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-risk	0.9078	0.0922	0.8560	0.7109	0.4883
diabetic1%	0.6176	0.2549	0.4183	0.2226	0.4450
diabetic10%	0.5236	0.3176	0.3334	0.0486	0.5546
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.8712	0.8369	0.1763
diamonds_all	0.6663	0.1335	0.6075	0.5184	0.4039
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.3333	0.6667	0.2903	-0.4118	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5459	0.4541	0.5414	0.0821	0.9699
dota210%	0.5544	0.4456	0.5492	0.0962	0.9600
dropout	0.7223	0.1851	0.6444	0.5125	0.4647
drug-01	0.3723	0.1793	0.1149	-0.0099	0.4501
drug-02	0.5000	0.1429	0.1566	0.0775	0.5544
drug-03	0.7074	0.0836	0.1902	0.1126	0.1973
drug-04	0.5426	0.1307	0.2933	0.1351	0.4389
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2912	0.2914	0.5191
drug-07	0.3830	0.1763	0.1220	-0.0161	0.4594
drug-08	0.5426	0.1307	0.1394	0.0814	0.3882
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1804	0.1495	0.4351
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6117	0.1109	0.2170	0.2390	0.4507
drug-14	0.5691	0.1231	0.2198	0.1872	0.4822
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5638	0.1246	0.2356	0.2596	0.4541
drug-17	0.3511	0.1854	0.1548	0.1110	0.5995
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9258	0.0212	0.9398	0.9102	0.1196
ecoli	0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
eeg	0.4728	0.0659	0.4914	0.4137	0.5672
eeg-eye	0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%	0.3469	0.0816	0.3209	0.2716	0.5833
email_phishing	0.9874	0.0126	0.6809	0.3068	0.4094
eucalyptus	0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid	0.9525	0.0475	0.8573	0.7110	0.4096
exon.vs.intron-freq10%	0.9167	0.0833	0.9204	0.8340	0.3413
fbis-wc	0.5894	0.0483	0.5349	0.5357	0.3729
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5686	0.4314	0.5536	0.1010	0.9402

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.4000	0.1500	0.2262	0.2233	0.3052
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8846	0.0577	0.8658	0.8398	0.1322
gas	0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal	0.6875	0.2083	0.6898	0.5031	0.5143
gender	0.6211	0.2526	0.4242	0.1830	0.5780
gene	0.8486	0.1009	0.8513	0.7652	0.3470
german	0.7100	0.2900	0.6582	0.2602	0.7246
gestures	0.6670	0.1665	0.7018	0.5562	0.4061
gina	0.8184	0.1816	0.8252	0.6352	0.5743
gisette	0.9557	0.0443	0.9557	0.9114	0.2434
glass	0.7619	0.0794	0.8224	0.6779	0.2764
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.3333	0.3333	0.2755	0.0741	0.5160
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.9524	0.0079	0.8366	0.9437	0.0465
har	0.9954	0.0018	0.9950	0.9942	0.0137
har70	0.9303	0.0199	0.6871	0.8968	0.2009
har701%	0.9137	0.0247	0.5390	0.8728	0.1588
har7010%	0.9216	0.0224	0.6069	0.8838	0.1846
harth1%	0.8703	0.0216	0.6127	0.8230	0.2175
harth10%	0.8865	0.0189	0.6709	0.8453	0.1980
hayes-roth	0.7500	0.1667	0.8018	0.6049	0.2731
hcc-survival	0.8235	0.1765	0.8322	0.6107	0.3833
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9700	0.0300	0.9651	0.9293	0.1667
heart-quantum	0.8200	0.1800	0.8195	0.6341	0.6200
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.8298	0.1702	0.8299	0.6595	0.6039
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6400	0.3600	0.6369	0.2710	0.8866
higgs1%	0.6491	0.3509	0.6461	0.2894	0.8771
higher	0.0714	0.2321	0.0500	-0.1447	0.4830
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.6250	0.3750	0.6245	0.2289	0.8592
hiv1-proteasa	0.8853	0.1147	0.7755	0.5358	0.5568
hiva	0.9622	0.0378	0.4904	-0.0045	0.3546
horse	0.5278	0.3148	0.3173	0.0377	0.5029
ht-sensor	1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%	0.9999	0.0001	0.9999	0.9998	0.0007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
htru2	0.9760	0.0240	0.9245	0.8460	0.2285
hypothyroid	0.9284	0.0358	0.4613	0.3930	0.1518
hypothyroidT	0.9496	0.0504	0.7924	0.5147	0.2647
ilpd	0.6441	0.3559	0.4504	-0.0746	0.9114
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.9680	0.0160	0.9685	0.9573	0.0651
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9037	0.0074	0.9052	0.8999	0.0841
jm1	0.8246	0.1754	0.6569	0.2366	0.6017
jvowels	0.9970	0.0007	0.9970	0.9966	0.0056
kc1	0.8720	0.1280	0.7097	0.3228	0.4646
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007	0.2743	0.2073	0.3986	0.1524	0.4418
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9988	0.0001	0.5457	0.9979	0.0014
kepler	0.8452	0.1032	0.7939	0.7448	0.2752
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7633	0.0263	0.7594	0.7356	0.2760
krvskp	0.9342	0.0658	0.9343	0.8678	0.3166
la1s-wc	0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc	0.4238	0.1921	0.4498	0.2935	0.5326
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.5882	0.0206	0.3317	0.5677	0.0757
led24	0.5500	0.0900	0.5349	0.4944	0.2218
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9610	0.0030	0.9605	0.9594	0.0464
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8611	0.0185	0.8750	0.8509	0.0672
linkage1%	0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%	1.0000	0.0000	0.9976	0.9952	0.0209
liver	0.5882	0.4118	0.5727	0.1408	0.8953
loan	0.9133	0.0867	0.9071	0.8130	0.3903
localization	0.7572	0.0441	0.5382	0.6923	0.4326
localization10%	0.6820	0.0578	0.4348	0.5930	0.4867
lrs	0.8491	0.0302	0.4388	0.7903	0.1006
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5654	0.4346	0.5654	0.1308	0.9567
magic04	0.8332	0.1668	0.8132	0.6097	0.5599
mammography	0.8229	0.1771	0.8225	0.6449	0.6199
maternal	0.8416	0.1056	0.8494	0.7588	0.3242
messidor	0.6435	0.3565	0.6465	0.2894	0.8732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac	0.9800	0.0040	0.9807	0.9778	0.0223
mfeat-fou	0.7950	0.0410	0.7972	0.7722	0.1525
mfeat-kar	0.9550	0.0090	0.9561	0.9500	0.0565
mfeat-mor	0.7350	0.0530	0.7384	0.7056	0.1833
mfeat-pix	0.9750	0.0050	0.9768	0.9722	0.0284
mfeat-zer	0.8150	0.0370	0.8158	0.7944	0.1132
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6176	0.1529	0.6086	0.5211	0.3844
mobile	0.6678	0.0119	0.7088	0.6618	0.1367
monks-1	0.8364	0.1636	0.8415	0.6715	0.5468
monks-2	0.8197	0.1803	0.7982	0.5960	0.6483
monks-3	0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4817	0.0942	0.5034	0.3694	0.5349
musk	0.9545	0.0455	0.9093	0.8041	0.1768
MUT_ci300400a_cdk_ECFP2	0.7758	0.2242	0.7715	0.5425	0.7115
MUT_ci300400a_cdk_ECFP4	0.7701	0.2299	0.7646	0.5289	0.7228
MUT_ci300400a_cdk_ECFP6	0.7557	0.2443	0.7491	0.4983	0.7466
MUT_ci300400a_cdk_ESTATE	0.7554	0.2446	0.7492	0.4982	0.7468
MUT_ci300400a_cdk_EXTENDED	0.8501	0.1499	0.8460	0.6919	0.5669
MUT_ci300400a_cdk_FCFP2	0.7868	0.2132	0.7822	0.5640	0.6935
MUT_ci300400a_cdk_FCFP4	0.7566	0.2434	0.7514	0.5025	0.7436
MUT_ci300400a_cdk_FCFP6	0.7698	0.2302	0.7690	0.5350	0.7133
MUT_ci300400a_cdk_MACCS	0.8129	0.1870	0.8068	0.6132	0.6446
MUT_ci300400a_cdk_PUBCHEM	0.8347	0.1653	0.8292	0.6581	0.5991
MUT_ci300400a_cdk_STANDARD	0.8491	0.1509	0.8442	0.6881	0.5673
MUT_ci300400a_rdkit_descriptors	0.8471	0.1529	0.8432	0.6862	0.5709
myocardial	0.8647	0.0338	0.2657	0.2387	0.1116
naticusdroid	0.9618	0.0382	0.9618	0.9236	0.2180
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA1%	0.8982	0.0107	0.4357	0.7059	0.4539
ncRNA10%	0.9218	0.0082	0.5989	0.7840	0.5855
neo	0.9096	0.0904	0.6626	0.2316	0.4753
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6423	0.3577	0.6412	0.2823	0.8883
NHANES_age_prediction	0.9427	0.0573	0.8863	0.7612	0.3029
nomao	0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits	0.5278	0.3148	0.3525	0.0526	0.5265
nursery	0.9406	0.0238	0.6731	0.9121	0.0824
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation	0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc	0.5050	0.0990	0.4830	0.4098	0.3648
oh10-wc	0.2286	0.1543	0.2410	0.1276	0.3849
oh15-wc	0.3261	0.1348	0.2989	0.1994	0.3782
oh5-wc	0.2308	0.1538	0.2518	0.1116	0.4588
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9030	0.0970	0.6225	0.2127	0.6247
opn310k10%	0.9066	0.0934	0.6261	0.2165	0.6122
opnat310k-hg16-17	0.9076	0.0924	0.6420	0.2451	0.5974

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
optdigits	0.9733	0.0053	0.9746	0.9703	0.0398
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8041	0.1959	0.7803	0.5605	0.6809
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9056	0.8095	0.4123
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.8613	0.8742	0.1672
parkinson	0.9333	0.0667	0.9345	0.8646	0.3141
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.8985	0.1015	0.8752	0.7502	0.4856
particle10%	0.8815	0.1185	0.8509	0.7012	0.5250
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.5876	0.4124	0.5397	0.0378	0.7543
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia	0.7353	0.0756	0.6635	0.6692	0.2179
pendigits	0.9927	0.0015	0.9925	0.9919	0.0131
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
phishing	0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL10%	0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc0.1%	0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%	0.7945	0.0587	0.7822	0.7595	0.2406
phone-gyr0.1%	0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%	0.8313	0.0482	0.8207	0.8025	0.2202
phoneme	0.9148	0.0852	0.8930	0.7843	0.4091
phy	0.6780	0.3220	0.6780	0.3560	0.8484
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7940	0.2060	0.7871	0.5733	0.6789
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4878	0.1024	0.1715	0.0270	0.3068
poker10%	0.5058	0.0988	0.2069	0.0586	0.3830
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9340	0.0660	0.6503	0.1552	0.3548
polya	0.7643	0.2357	0.7385	0.4753	0.7439
popularity	0.6502	0.2332	0.4084	0.2153	0.4979
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7288	0.4412	0.7489
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4545	0.0496	0.2176	0.3957	0.2391
profb	0.7015	0.2985	0.6297	0.1443	0.6218
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%	0.9819	0.0072	0.9689	0.9757	0.0493
pufs-1281%	0.5047	0.4953	0.5051	0.0095	0.9718
pufs-641%	0.5088	0.4913	0.5089	0.0173	0.9852

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-6410%	0.5001	0.4999	0.5001	0.0002	1.0000
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.6067	0.0605	0.5843	0.4991	0.4857
re1-wc	0.5181	0.0386	0.4769	0.4426	0.3909
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9852	0.0148	0.9850	0.9700	0.1000
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6401	0.3599	0.6242	0.2481	0.8962
RT_IOT2022	0.9981	0.0003	0.9764	0.9951	0.0037
satimage	0.9051	0.0316	0.8953	0.8832	0.1589
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9487	0.0513	0.8542	0.7076	0.4508
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis	0.9630	0.0370	0.9635	0.9244	0.1598
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.9437	0.0161	0.9494	0.9342	0.0732
segmentation	0.8614	0.1386	0.8524	0.7034	0.5522
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8635	0.1365	0.5497	0.0225	0.4461
sens-2-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sens-3-gram	0.8684	0.1316	0.6013	0.1055	0.5237
sens-4-gram	0.8711	0.1289	0.6270	0.1776	0.5710
sens-5-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sens-7-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sens-8-gram	0.8579	0.1421	0.5509	0.0587	0.6232
sens-9-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sensorless	0.8532	0.0267	0.8540	0.8385	0.1696
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8792	0.1208	0.7254	0.3840	0.4977
shuttle	0.9993	0.0002	0.9040	0.9981	0.1298
sick	0.9523	0.0477	0.7752	0.5264	0.4434
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9998	0.0002	0.9998	0.9995	0.0044
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.8400	0.1600	0.8438	0.6786	0.5482
smk_can_187	0.5789	0.4211	0.5760	0.1364	0.9011
smoking	0.7913	0.2087	0.7747	0.5493	0.6969
solar-flare	0.7338	0.0887	0.5675	0.6558	0.1963
sonar	0.8000	0.2000	0.8276	0.6000	0.4308
soybean	0.9559	0.0046	0.9835	0.9516	0.0339
spam-detection	0.9525	0.0475	0.8510	0.7003	0.4392
spambase	0.9000	0.1000	0.8949	0.7893	0.4355
spect	0.8148	0.1852	0.7168	0.4304	0.7152
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.4528	0.0228	0.2056	0.4202	0.1640
splice-EI	0.9306	0.0694	0.9098	0.8191	0.3992
splice-IE	0.9117	0.0883	0.8741	0.7461	0.4442
sport-articles	0.8500	0.1500	0.8371	0.6728	0.5692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
steel_industry	0.8613	0.0925	0.8280	0.7746	0.3037
steel-b	0.8615	0.1385	0.7828	0.5635	0.6203
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9692	0.0308	0.9528	0.9056	0.2424
steel-o	0.7897	0.2103	0.7610	0.5156	0.6911
steel-p	0.9179	0.0821	0.6063	0.0946	0.4184
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9795	0.0205	0.9450	0.8886	0.3044
stellar	0.9056	0.0629	0.8934	0.8275	0.2481
stock	0.8472	0.1528	0.6917	0.3208	0.5799
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8120	0.1880	0.8094	0.6163	0.6354
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6050	0.1580	0.3281	0.3412	0.4176
student-weekend	0.2923	0.2831	0.1527	-0.0641	0.6246
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.4653	0.3750	0.4802
susy1%	0.7790	0.2210	0.7804	0.5465	0.6622
susy10%	0.7865	0.2135	0.7869	0.5630	0.6583
tae	0.5333	0.3111	0.5333	0.3000	0.5691
texture	0.9800	0.0036	0.9810	0.9779	0.0290
theorem	0.9836	0.0164	0.9832	0.9663	0.1157
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7517	0.2483	0.4291	-0.0015	0.4242
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6670	0.3307	0.8305
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc	0.4390	0.1247	0.2900	0.2122	0.2983
trec12-wc	0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc	0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc	0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc	0.6882	0.0891	0.4645	0.5574	0.2748
trec41-wc	0.4205	0.1159	0.2520	0.2069	0.2997
trec45-wc	0.3913	0.1217	0.3225	0.2251	0.3371
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.5750	0.2125	0.5459	0.4333	0.3585
tvnews1%	0.9077	0.0923	0.9001	0.7983	0.4058
tvnews10%	0.8736	0.1264	0.8630	0.7257	0.5163
ur3_cobotops_grip	0.9728	0.0272	0.7346	0.4321	0.4246
ur3_cobotops_stop	0.9673	0.0327	0.7046	0.3547	0.4279
urban	0.8060	0.0431	0.7974	0.7720	0.1445
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7262	0.1369	0.6661	0.6291	0.2324
vehicleVAN	0.9405	0.0595	0.9221	0.8438	0.3634
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9767	0.0233	0.9773	0.9535	0.1262
vowel	0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17	0.9157	0.0843	0.6635	0.1789	0.3699

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wap-wc	0.4103	0.0590	0.2825	0.3388	0.3515
warpar10p	0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%	0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr1%	0.7473	0.0722	0.7439	0.7048	0.3154
watch-gyr10%	0.8311	0.0483	0.8300	0.8027	0.2263
waveform	0.8320	0.1120	0.8321	0.7480	0.3816
web-phishing	0.8370	0.1086	0.7147	0.6995	0.3667
Weekly	0.9630	0.0370	0.9627	0.9247	0.2012
weight-lift	0.9934	0.0027	0.9931	0.9916	0.0203
white-clover	0.5000	0.2500	0.1667	-0.2857	0.3909
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9834	0.0166	0.9068	0.8096	0.2500
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white	0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg10%	0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5405	0.0919	0.4074	0.4085	0.3514
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.9516	0.0097	0.9472	0.9458	0.0735

Table 333: Detailed results for k-NN(KDT)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1607	0.0579	0.0878	0.0708	0.5100
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9825	0.0175	0.6456	0.1947	0.3590
accident	0.5000	0.5000	0.5000	0.0000	0.9713
ads	0.9543	0.0457	0.9061	0.8121	0.3831
adult	0.8405	0.1595	0.7628	0.5151	0.6323
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.6500	0.3500	0.3939	-0.0938	0.8482
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red	0.9941	0.0059	0.6782	0.0537	0.0247
aids	0.8075	0.1925	0.7050	0.3571	0.6232
airline	0.9295	0.0704	0.9287	0.8554	0.3227
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
anneal	0.9888	0.0045	0.9858	0.9759	0.0146
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus	0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species	0.9861	0.0028	0.9743	0.9807	0.0592
apple-quality	0.8925	0.1075	0.8927	0.7850	0.4510
aps-failure	0.9900	0.0100	0.8457	0.6860	0.3560
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia	0.6000	0.0615	0.2130	0.1988	0.2662
auction	0.8873	0.1127	0.6886	0.3274	0.5665
audiology	0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult	0.9000	0.1000	0.8697	0.7244	0.3859
autism-child	0.7931	0.2069	0.7967	0.5877	0.6595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autos	0.8000	0.0667	0.6553	0.7324	0.1641
avila	0.7652	0.0391	0.7763	0.6938	0.3689
babies	0.3790	0.1774	0.1252	0.0236	0.4460
balance	0.9194	0.0538	0.6345	0.8480	0.1272
bank	0.8995	0.1005	0.6840	0.3032	0.5257
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	0.9600	0.0400	0.9606	0.9180	0.2092
barleyblumeria	0.8710	0.1290	0.8636	0.6999	0.3814
basehock	0.8040	0.1960	0.8157	0.6075	0.5740
bio	0.9967	0.0033	0.8987	0.7897	0.1958
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8857	0.1143	0.8780	0.7553	0.4788
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9859	0.0010	0.0550	0.0332	0.0826
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0010	0.0463	0.0047	0.0212
body-perf	0.6299	0.1851	0.6396	0.5065	0.4771
breast-cancer	0.6786	0.3214	0.5195	0.0308	0.8648
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.6000	0.1143	0.2562	0.3103	0.1916
bub10at310k-hg16-17	0.9126	0.0874	0.6451	0.2002	0.4887
bub12at310k-hg16-17	0.9104	0.0896	0.6294	0.1712	0.5010
bub8at310k-hg16-17	0.9093	0.0907	0.6379	0.2201	0.5636
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	1.0000	0.0000	1.0000	1.0000	0.0000
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
car	0.9310	0.0345	0.9073	0.8591	0.2477
card	0.8116	0.1884	0.8107	0.5961	0.5612
cardiotocography	0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp	0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular	0.6733	0.3267	0.6735	0.3466	0.8527
cargo2k	0.9721	0.0186	0.9723	0.9581	0.0936
cars	0.7250	0.1833	0.5939	0.4437	0.5482
cas_N6512_cdk_ECFP2	0.7051	0.2949	0.7049	0.4091	0.8129
cas_N6512_rdkit_ATOMPAIR	0.7415	0.2585	0.7396	0.4790	0.7641
cas_N6512_RDkit_AtomPair_FP	0.7546	0.2454	0.7527	0.5051	0.7437
cas_N6512_rdkit_AVALON	0.7911	0.2089	0.7895	0.5788	0.6818
cas_N6512_RDkit_Avalon_FP	0.7975	0.2025	0.7985	0.5952	0.6642
cas_N6512_rdkit_descriptors	0.7754	0.2246	0.7739	0.5477	0.7098
cas_N6512_rdkit_FEATMORGAN	0.7327	0.2673	0.7324	0.4642	0.7750
cas_N6512_RDkit_Featmorgan_FP	0.7454	0.2546	0.7467	0.4914	0.7514
cas_N6512_RDkit_FP	0.7699	0.2301	0.7694	0.5385	0.7177
cas_N6512_rdkit_LAYERED	0.7785	0.2215	0.7787	0.5564	0.7010
cas_N6512_RDkit_Layered_FP	0.7515	0.2485	0.7497	0.4992	0.7487
cas_N6512_rdkit_MACCS	0.7696	0.2304	0.7676	0.5347	0.7186
cas_N6512_RDkit_MACCS_FP	0.7623	0.2377	0.7626	0.5241	0.7280
cas_N6512_rdkit_MORGAN	0.7477	0.2523	0.7525	0.4986	0.7349
cas_N6512_RDkit_morgan_FP	0.7362	0.2638	0.7395	0.4747	0.7584
cas_N6512_rdkit_PATTERN	0.7492	0.2508	0.7535	0.5013	0.7346
cas_N6512_RDkit_pattern_FP	0.7423	0.2577	0.7432	0.4848	0.7577
cas_N6512_rdkit_RDKITFP	0.7849	0.2151	0.7842	0.5682	0.6925
cas_N6512_rdkit_TORSION	0.7338	0.2662	0.7326	0.4652	0.7752
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8456	0.1029	0.4119	0.1542	0.3138
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7865	0.5702	0.6788
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8101	0.5343	0.0872

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9542	0.0458	0.6647	0.1532	0.2651
census10%	0.9459	0.0541	0.6821	0.2213	0.3179
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S	0.9535	0.0465	0.8495	0.6895	0.3805
chrom19	0.9997	0.0003	0.9186	0.8326	0.1678
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9994	0.0006	0.8468	0.6872	0.3227
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8330	0.1670	0.7073	0.3889	0.6561
ci900367j_MACCS	0.7053	0.2947	0.6782	0.3528	0.8238
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4587	0.3710	0.4457
cjs	0.9857	0.0048	0.9859	0.9826	0.0298
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8028	0.0986	0.6646	0.6838	0.3278
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7013	0.4286	0.3779
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4859	0.2205	0.7280
cnae-9	0.8426	0.0350	0.8454	0.8229	0.1416
codon_usage	0.9233	0.0140	0.8203	0.9070	0.1616
coil20	0.9861	0.0014	0.9866	0.9854	0.0097
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.3800	0.0827	0.2381	0.2967	0.3161
colon-tumor	0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1	0.7241	0.2759	0.7041	0.2468	0.4389
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.6897	0.3103	0.6729	0.3185	0.7867
colposcopies-4	0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.6207	0.3793	0.6480	0.2238	0.7270
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.7742	0.1505	0.7318	0.6303	0.3780
connect-4	0.9861	0.0093	0.7197	0.6277	0.2693
cottonmeloidogyne	0.6490	0.3510	0.6543	0.2961	0.8494
coupon	0.6333	0.3667	0.6176	0.2281	0.8907
covid19	0.4668	0.1523	0.1934	0.1137	0.5799
covtype10%	0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD	0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT	0.9855	0.0145	0.9442	0.8885	0.2569
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9995	0.0005	0.9317	0.8629	0.2254
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn	0.9794	0.0206	0.6513	0.2404	0.4332
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.7222	0.2778	0.7129	0.4088	0.7593
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8150	0.1850	0.6909	0.3449	0.6633

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
defect	0.8642	0.1358	0.6999	0.3557	0.5930
deposit	0.8954	0.1046	0.6857	0.3189	0.5541
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3492	0.1111	0.5070
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.6735	0.4146	0.4478
DIA	0.8833	0.1167	0.8416	0.6316	0.2737
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-risk	0.9078	0.0922	0.8560	0.7109	0.4883
diabetic1%	0.6176	0.2549	0.4183	0.2226	0.4450
diabetic10%	0.5236	0.3176	0.3334	0.0486	0.5546
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.8712	0.8369	0.1763
diamonds_all	0.6663	0.1335	0.6075	0.5184	0.4039
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.3333	0.6667	0.2903	-0.4118	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5459	0.4541	0.5414	0.0821	0.9699
dota210%	0.5544	0.4456	0.5492	0.0962	0.9600
dropout	0.7223	0.1851	0.6444	0.5125	0.4647
drug-01	0.3723	0.1793	0.1149	-0.0099	0.4501
drug-02	0.5000	0.1429	0.1566	0.0775	0.5544
drug-03	0.7074	0.0836	0.1902	0.1126	0.1973
drug-04	0.5426	0.1307	0.2933	0.1351	0.4389
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2912	0.2914	0.5191
drug-07	0.3830	0.1763	0.1220	-0.0161	0.4594
drug-08	0.5426	0.1307	0.1394	0.0814	0.3882
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1804	0.1495	0.4351
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6117	0.1109	0.2170	0.2390	0.4507
drug-14	0.5691	0.1231	0.2198	0.1872	0.4822
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5638	0.1246	0.2356	0.2596	0.4541
drug-17	0.3511	0.1854	0.1548	0.1110	0.5995
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9258	0.0212	0.9398	0.9102	0.1196
ecoli	0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
eeg	0.4728	0.0659	0.4914	0.4137	0.5672
eeg-eye	0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%	0.3469	0.0816	0.3209	0.2716	0.5833
email_phishing	0.9882	0.0118	0.6978	0.2903	0.2856
eucalyptus	0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid	0.9525	0.0475	0.8573	0.7110	0.4096
exon.vs.intron-freq10%	0.9167	0.0833	0.9204	0.8340	0.3413
fbis-wc	0.5894	0.0483	0.5349	0.5357	0.3729
fertility	0.9000	0.1000	0.4737	0.0000	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
finance	0.5686	0.4314	0.5536	0.1010	0.9402
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.4000	0.1500	0.2262	0.2233	0.3052
fonts10%	0.5282	0.0062	0.2719	0.5059	0.6043
forest	0.8846	0.0577	0.8658	0.8398	0.1322
gas	0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal	0.6875	0.2083	0.6898	0.5031	0.5143
gender	0.6211	0.2526	0.4242	0.1830	0.5780
gene	0.8486	0.1009	0.8513	0.7652	0.3470
german	0.7100	0.2900	0.6582	0.2602	0.7246
gestures	0.6670	0.1665	0.7018	0.5562	0.4061
gina	0.8329	0.1671	0.8351	0.6647	0.5784
gisette	0.9557	0.0443	0.9557	0.9114	0.2434
glass	0.7619	0.0794	0.8224	0.6779	0.2764
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.3333	0.3333	0.2755	0.0741	0.5160
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.9524	0.0079	0.8366	0.9437	0.0465
har	0.9954	0.0018	0.9950	0.9942	0.0137
har70	0.9306	0.0198	0.6874	0.8971	0.1853
har701%	0.9137	0.0247	0.5390	0.8728	0.1588
har7010%	0.9216	0.0224	0.6069	0.8838	0.1846
harth	0.8946	0.0176	0.6876	0.8567	0.2023
harth1%	0.8703	0.0216	0.6127	0.8230	0.2175
harth10%	0.8865	0.0189	0.6709	0.8453	0.1980
hayes-roth	0.7500	0.1667	0.8018	0.6049	0.2731
hcc-survival	0.8235	0.1765	0.8322	0.6107	0.3833
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9700	0.0300	0.9651	0.9293	0.1667
heart-quantum	0.8200	0.1800	0.8195	0.6341	0.6200
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.8298	0.1702	0.8299	0.6595	0.6039
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6400	0.3600	0.6369	0.2710	0.8866
higgs1%	0.6491	0.3509	0.6461	0.2894	0.8771
higher	0.0714	0.2321	0.0500	-0.1447	0.4830
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.6250	0.3750	0.6245	0.2289	0.8592
hiv1-proteasa	0.8853	0.1147	0.7755	0.5358	0.5568
hiva	0.9622	0.0378	0.4904	-0.0045	0.3546
horse	0.5278	0.3148	0.3173	0.0377	0.5029

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ht-sensor	1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%	0.9999	0.0001	0.9999	0.9998	0.0007
htru2	0.9760	0.0240	0.9245	0.8460	0.2285
hypothyroid	0.9284	0.0358	0.4613	0.3930	0.1518
hypothyroidT	0.9496	0.0504	0.7924	0.5147	0.2647
ilpd	0.6441	0.3559	0.4504	-0.0746	0.9114
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.9680	0.0160	0.9685	0.9573	0.0651
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9063	0.0072	0.9076	0.9025	0.0816
jm1	0.8246	0.1754	0.6569	0.2366	0.6017
jvowels	0.9970	0.0007	0.9970	0.9966	0.0056
kc1	0.8720	0.1280	0.7097	0.3228	0.4646
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007	0.2743	0.2073	0.3986	0.1524	0.4418
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9476	0.0524	0.4866	-0.0021	0.2511
kddcup991%	0.9988	0.0001	0.5457	0.9979	0.0014
kepler	0.8452	0.1032	0.7939	0.7448	0.2752
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7629	0.0263	0.7580	0.7352	0.2759
krvskp	0.9342	0.0658	0.9343	0.8678	0.3166
la1s-wc	0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc	0.4238	0.1921	0.4498	0.2935	0.5326
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.5882	0.0206	0.3317	0.5677	0.0757
led24	0.5500	0.0900	0.5349	0.4944	0.2218
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9610	0.0030	0.9605	0.9594	0.0464
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8611	0.0185	0.8750	0.8509	0.0672
linkage1%	0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%	1.0000	0.0000	0.9976	0.9952	0.0209
liver	0.5882	0.4118	0.5727	0.1408	0.8953
loan	0.9133	0.0867	0.9071	0.8130	0.3903
localization	0.7572	0.0441	0.5382	0.6923	0.4326
localization10%	0.6820	0.0578	0.4348	0.5930	0.4867
lrs	0.8491	0.0302	0.4388	0.7903	0.1006
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5654	0.4346	0.5654	0.1308	0.9567
magic04	0.8332	0.1668	0.8132	0.6097	0.5599

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mammography	0.8229	0.1771	0.8225	0.6449	0.6199
maternal	0.8416	0.1056	0.8494	0.7588	0.3242
messidor	0.6435	0.3565	0.6465	0.2894	0.8732
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac	0.9800	0.0040	0.9807	0.9778	0.0223
mfeat-fou	0.7950	0.0410	0.7972	0.7722	0.1525
mfeat-kar	0.9550	0.0090	0.9561	0.9500	0.0565
mfeat-mor	0.7350	0.0530	0.7379	0.7056	0.1797
mfeat-pix	0.9750	0.0050	0.9768	0.9722	0.0284
mfeat-zer	0.8150	0.0370	0.8158	0.7944	0.1132
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6176	0.1529	0.6086	0.5211	0.3844
mobile	0.6678	0.0119	0.7088	0.6618	0.1367
monks-1	0.8364	0.1636	0.8415	0.6715	0.5468
monks-2	0.8197	0.1803	0.7982	0.5960	0.6483
monks-3	0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4822	0.0941	0.5037	0.3699	0.5343
musk	0.9545	0.0455	0.9093	0.8041	0.1768
MUT_ci300400a_cdk_ECFP2	0.7758	0.2242	0.7715	0.5425	0.7115
MUT_ci300400a_cdk_ECFP4	0.7701	0.2299	0.7646	0.5289	0.7228
MUT_ci300400a_cdk_ECFP6	0.7557	0.2443	0.7491	0.4983	0.7466
MUT_ci300400a_cdk_ESTATE	0.7554	0.2446	0.7492	0.4982	0.7468
MUT_ci300400a_cdk_EXTENDED	0.8501	0.1499	0.8460	0.6919	0.5669
MUT_ci300400a_cdk_FCFP2	0.7868	0.2132	0.7822	0.5640	0.6935
MUT_ci300400a_cdk_FCFP4	0.7566	0.2434	0.7514	0.5025	0.7436
MUT_ci300400a_cdk_FCFP6	0.7698	0.2302	0.7690	0.5350	0.7133
MUT_ci300400a_cdk_MACCS	0.8118	0.1882	0.8056	0.6108	0.6472
MUT_ci300400a_cdk_PUBCHEM	0.8347	0.1653	0.8292	0.6581	0.5991
MUT_ci300400a_cdk_STANDARD	0.8491	0.1509	0.8442	0.6881	0.5673
MUT_ci300400a_rdkit_descriptors	0.8471	0.1529	0.8432	0.6862	0.5709
myocardial	0.8647	0.0338	0.2657	0.2387	0.1116
naticusdroid	0.9618	0.0382	0.9618	0.9236	0.2180
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA	0.9472	0.0056	0.7499	0.8586	0.4991
ncRNA1%	0.8982	0.0107	0.4357	0.7059	0.4539
ncRNA10%	0.9218	0.0082	0.5988	0.7840	0.5864
neo	0.9096	0.0904	0.6626	0.2316	0.4753
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6423	0.3577	0.6412	0.2823	0.8883
NHANES_age_prediction	0.9427	0.0573	0.8863	0.7612	0.3029
nomao	0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits	0.5278	0.3148	0.3525	0.0526	0.5265
nursery	0.9406	0.0238	0.6731	0.9121	0.0824
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation	0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc	0.5050	0.0990	0.4830	0.4098	0.3648
oh10-wc	0.2286	0.1543	0.2410	0.1276	0.3849
oh15-wc	0.3261	0.1348	0.2989	0.1994	0.3782
oh5-wc	0.2308	0.1538	0.2518	0.1116	0.4588

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9030	0.0970	0.6225	0.2127	0.6247
opn310k10%	0.9066	0.0934	0.6261	0.2165	0.6122
opnat310k-hg16-17	0.9076	0.0924	0.6420	0.2451	0.5974
optdigits	0.9733	0.0053	0.9746	0.9703	0.0398
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8041	0.1959	0.7803	0.5605	0.6809
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9056	0.8095	0.4123
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.8613	0.8742	0.1672
parkinson	0.9333	0.0667	0.9345	0.8646	0.3141
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.8977	0.1023	0.8753	0.7502	0.4895
particle10%	0.8815	0.1185	0.8509	0.7012	0.5250
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.5876	0.4124	0.5397	0.0378	0.7543
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia	0.7353	0.0756	0.6635	0.6692	0.2179
pendigits	0.9927	0.0015	0.9925	0.9919	0.0131
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
phishing	0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL10%	0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc0.1%	0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%	0.7945	0.0587	0.7822	0.7595	0.2406
phone-gyr0.1%	0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%	0.8313	0.0482	0.8207	0.8025	0.2202
phoneme	0.9148	0.0852	0.8930	0.7843	0.4091
phy	0.6806	0.3194	0.6806	0.3612	0.8453
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7940	0.2060	0.7871	0.5733	0.6789
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.5369	0.0926	0.2191	0.1246	0.2804
poker1%	0.4878	0.1024	0.1715	0.0270	0.3068
poker10%	0.5058	0.0988	0.2069	0.0586	0.3830
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9340	0.0660	0.6503	0.1552	0.3548
polya	0.7643	0.2357	0.7385	0.4753	0.7439
popularity	0.6502	0.2332	0.4084	0.2153	0.4979
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7288	0.4412	0.7489
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4545	0.0496	0.2176	0.3957	0.2391
profb	0.7015	0.2985	0.6297	0.1443	0.6218
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.8571	0.1429	0.8654	0.6957	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%	0.9819	0.0072	0.9689	0.9757	0.0493
pufs-1281%	0.4960	0.5040	0.4960	-0.0080	1.0000
pufs-641%	0.5088	0.4913	0.5089	0.0173	0.9852
pufs-6410%	0.5001	0.4999	0.5001	0.0003	0.9999
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.6067	0.0605	0.5843	0.4991	0.4857
re1-wc	0.5181	0.0386	0.4769	0.4426	0.3909
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9852	0.0148	0.9850	0.9700	0.1000
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6401	0.3599	0.6242	0.2481	0.8962
RT_IOT2022	0.9981	0.0003	0.9764	0.9951	0.0037
satimage	0.9051	0.0316	0.8953	0.8832	0.1589
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9487	0.0513	0.8542	0.7076	0.4508
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis	0.9630	0.0370	0.9635	0.9244	0.1598
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.9437	0.0161	0.9494	0.9342	0.0732
segmentation	0.8614	0.1386	0.8524	0.7034	0.5522
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8635	0.1365	0.5497	0.0225	0.4461
sens-2-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sens-3-gram	0.8684	0.1316	0.6013	0.1055	0.5237
sens-4-gram	0.8711	0.1289	0.6270	0.1776	0.5710
sens-5-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sens-7-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sens-8-gram	0.8579	0.1421	0.5509	0.0587	0.6232
sens-9-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sensorless	0.8581	0.0258	0.8587	0.8439	0.1664
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8792	0.1208	0.7254	0.3840	0.4977
shuttle	0.9993	0.0002	0.9040	0.9981	0.1298
sick	0.9523	0.0477	0.7752	0.5264	0.4434
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9998	0.0002	0.9998	0.9995	0.0044
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.8400	0.1600	0.8438	0.6786	0.5482
smk_can_187	0.5789	0.4211	0.5760	0.1364	0.9011
smoking	0.7913	0.2087	0.7747	0.5493	0.6969
solar-flare	0.7410	0.0863	0.6864	0.6656	0.1940
sonar	0.8000	0.2000	0.8276	0.6000	0.4308
soybean	0.9559	0.0046	0.9835	0.9516	0.0339
spam-detection	0.9525	0.0475	0.8510	0.7003	0.4392
spambase	0.9000	0.1000	0.8949	0.7893	0.4355
spect	0.7037	0.2963	0.6196	0.2340	0.8108

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.4528	0.0228	0.2056	0.4202	0.1640
splice-EI	0.9306	0.0694	0.9098	0.8191	0.3992
splice-IE	0.9117	0.0883	0.8741	0.7461	0.4442
sport-articles	0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
steel_industry	0.8613	0.0925	0.8280	0.7746	0.3037
steel-b	0.8615	0.1385	0.7828	0.5635	0.6203
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9692	0.0308	0.9528	0.9056	0.2424
steel-o	0.7897	0.2103	0.7610	0.5156	0.6911
steel-p	0.9179	0.0821	0.6063	0.0946	0.4184
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9795	0.0205	0.9450	0.8886	0.3044
stellar	0.9056	0.0629	0.8934	0.8275	0.2481
stock	0.8472	0.1528	0.6917	0.3208	0.5799
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8120	0.1880	0.8094	0.6163	0.6354
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6050	0.1580	0.3281	0.3412	0.4176
student-weekend	0.2923	0.2831	0.1527	-0.0641	0.6246
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.4653	0.3750	0.4802
susy	0.7553	0.2447	0.7528	0.5036	0.7387
susy1%	0.7790	0.2210	0.7804	0.5465	0.6622
susy10%	0.7865	0.2135	0.7869	0.5630	0.6583
tae	0.5333	0.3111	0.5333	0.3000	0.5691
texture	0.9800	0.0036	0.9810	0.9779	0.0290
theorem	0.9836	0.0164	0.9832	0.9663	0.1157
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7517	0.2483	0.4291	-0.0015	0.4242
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6670	0.3307	0.8305
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc	0.4390	0.1247	0.2900	0.2122	0.2983
trec12-wc	0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc	0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc	0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc	0.6882	0.0891	0.4645	0.5574	0.2748
trec41-wc	0.4205	0.1159	0.2520	0.2069	0.2997
trec45-wc	0.3913	0.1217	0.3225	0.2251	0.3371
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.5750	0.2125	0.5459	0.4333	0.3585
tvnews	0.9437	0.0563	0.9391	0.8768	0.2763
tvnews1%	0.9077	0.0923	0.9001	0.7983	0.4058
tvnews10%	0.8736	0.1264	0.8630	0.7257	0.5163
ur3_cobotops_grip	0.9728	0.0272	0.7346	0.4321	0.4246
ur3_cobotops_stop	0.9673	0.0327	0.7046	0.3547	0.4279
urban	0.8060	0.0431	0.7974	0.7720	0.1445
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vehicle	0.7262	0.1369	0.6661	0.6291	0.2324
vehicleVAN	0.9405	0.0595	0.9221	0.8438	0.3634
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9767	0.0233	0.9773	0.9535	0.1262
vowel	0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17	0.9157	0.0843	0.6635	0.1789	0.3699
wap-wc	0.4103	0.0590	0.2825	0.3388	0.3515
warpar10p	0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%	0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr1%	0.7473	0.0722	0.7439	0.7048	0.3154
watch-gyr10%	0.8311	0.0483	0.8300	0.8027	0.2263
waveform	0.8320	0.1120	0.8321	0.7480	0.3816
web-phishing	0.8370	0.1086	0.7147	0.6995	0.3667
Weekly	0.9630	0.0370	0.9627	0.9247	0.2012
weight-lift	0.9934	0.0027	0.9931	0.9916	0.0203
white-clover	0.5000	0.2500	0.1667	-0.2857	0.3909
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9834	0.0166	0.9068	0.8096	0.2500
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white	0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg10%	0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5405	0.0919	0.4074	0.4085	0.3514
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.9516	0.0097	0.9472	0.9458	0.0735

Table 334: Detailed results for k-NN(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1651	0.0584	0.1206	0.0839	0.5735
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9822	0.0178	0.6441	0.2130	0.4039
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.9543	0.0457	0.9061	0.8121	0.3831
adult	0.8389	0.1611	0.7602	0.5101	0.6368
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9223	0.0777	0.5965	0.1660	0.6184
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9941	0.0059	0.6782	0.0537	0.0247
aids	0.8028	0.1972	0.6965	0.3466	0.6491
air_pollution	0.4067	0.1695	0.1933	0.0120	0.4148
air-booking	0.8490	0.1510	0.5686	0.0381	0.4702
airline	0.9287	0.0713	0.9278	0.8537	0.3264
alcohol	0.8762	0.0495	0.7909	0.7364	0.2497
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7628	0.2372	0.7294	0.4282	0.6839
anneal	0.9888	0.0045	0.9858	0.9759	0.0146
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus	0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species	0.9861	0.0028	0.9743	0.9807	0.0592
anxiety	0.0917	0.2019	0.0968	-0.0219	0.7572
apple-quality	0.8850	0.1150	0.8855	0.7700	0.4692
aps-failure	0.9888	0.0112	0.8219	0.6328	0.3610
arabidopsis	0.9748	0.0155	0.5530	0.1153	0.5350
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9850	0.0150	0.5931	0.1831	0.5357
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia	0.6000	0.0615	0.2130	0.1988	0.2662
auction	0.9167	0.0833	0.7901	0.4802	0.2031
audiology	0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult	0.9000	0.1000	0.8697	0.7244	0.3859
autism-child	0.7241	0.2759	0.7354	0.4528	0.7375
autos	0.8000	0.0667	0.6553	0.7324	0.1641
avila	0.7652	0.0391	0.7763	0.6938	0.3689
babies	0.3871	0.1751	0.1416	0.0404	0.4401
balance	0.9032	0.0645	0.6241	0.8176	0.1641
bank	0.8995	0.1005	0.6872	0.3209	0.5457
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8710	0.1290	0.8609	0.7034	0.4322
basehock	0.8040	0.1960	0.8157	0.6075	0.5740
bio	0.9967	0.0033	0.8987	0.7897	0.1958
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8667	0.1333	0.8576	0.7146	0.5298
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0010	0.0548	0.0278	0.0734
bitcoin1%	0.9856	0.0010	0.0342	-0.0004	0.0580
bitcoin10%	0.9858	0.0010	0.0463	0.0047	0.0212
body-perf	0.6291	0.1854	0.6381	0.5055	0.4805
bookings	0.9403	0.0398	0.7399	0.8741	0.3342
brain-tumor	0.5030	0.4970	0.5029	0.0059	0.9980
breast-cancer	0.6786	0.3214	0.5195	0.0308	0.8648
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.5000	0.1429	0.4685	0.3590	0.2261
bub10at310k-hg16-17	0.9110	0.0890	0.6319	0.1705	0.4883
bub12at310k-hg16-17	0.9099	0.0901	0.6256	0.1638	0.5025
bub8at310k-hg16-17	0.9077	0.0923	0.6408	0.2407	0.5940
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.8750	0.1250	0.8873	0.7500	0.4011
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4430	0.3713	0.2980	-0.0443	0.5844
car	0.9310	0.0345	0.9073	0.8591	0.2477
car-insurance	0.8050	0.1950	0.7701	0.5398	0.6885
card	0.8261	0.1739	0.8219	0.6327	0.5782
cardiotocography	0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp	0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular	0.6716	0.3284	0.6718	0.3431	0.8549
cargo2k	0.9797	0.0135	0.9797	0.9695	0.0655
cars	0.7000	0.2000	0.6194	0.4299	0.5035
cas_N6512_cdk_ECFP2	0.7020	0.2980	0.7008	0.4015	0.8188
cas_N6512_rdkit_ATOMPAIR	0.7292	0.2708	0.7267	0.4518	0.7795
cas_N6512_RDkit_AtomPair_FP	0.7546	0.2454	0.7527	0.5051	0.7437
cas_N6512_rdkit_AVALON	0.7896	0.2104	0.7879	0.5756	0.6845
cas_N6512_RDkit_Avalon_FP	0.7960	0.2040	0.7957	0.5909	0.6716
cas_N6512_rdkit_descriptors	0.7754	0.2246	0.7739	0.5477	0.7098
cas_N6512_rdkit_FEATMORGAN	0.7450	0.2550	0.7451	0.4893	0.7556
cas_N6512_RDkit_Featmorgan_FP	0.7270	0.2730	0.7306	0.4567	0.7711
cas_N6512_RDkit_FP	0.7684	0.2316	0.7680	0.5355	0.7201
cas_N6512_rdkit_LAYERED	0.7769	0.2231	0.7773	0.5534	0.7034
cas_N6512_RDkit_Layered_FP	0.7730	0.2270	0.7711	0.5409	0.7107

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7727	0.2273	0.7709	0.5416	0.7143
cas_N6512_RDkit_MACCS_FP	0.7607	0.2393	0.7609	0.5209	0.7308
cas_N6512_rdkit_MORGAN	0.7477	0.2523	0.7525	0.4986	0.7349
cas_N6512_RDkit_morgan_FP	0.7362	0.2638	0.7395	0.4747	0.7584
cas_N6512_rdkit_PATTERN	0.7554	0.2446	0.7553	0.5098	0.7402
cas_N6512_RDkit_pattern_FP	0.7454	0.2546	0.7462	0.4909	0.7530
cas_N6512_rdkit_RDKITFP	0.7865	0.2135	0.7858	0.5714	0.6896
cas_N6512_rdkit_TORSION	0.7415	0.2585	0.7409	0.4815	0.7628
ccds	0.9611	0.0389	0.6373	0.0772	0.2210
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9621	0.0379	0.6397	0.0396	0.1591
cdc_diabetes	0.8451	0.1033	0.4104	0.1506	0.3151
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7780	0.2255	0.7728	0.5317	0.7180
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9711	0.0289	0.7961	0.5403	0.2778
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9542	0.0458	0.6647	0.1532	0.2651
CDS49_AID687_Rdkit-ecfp4-fp	0.9973	0.0027	0.4993	-0.0005	0.3640
census	0.9435	0.0565	0.6967	0.3221	0.4401
census10%	0.9438	0.0561	0.6641	0.2315	0.4200
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9186	0.0814	0.4788	-0.0203	0.5749
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S	0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia	0.5449	0.2275	0.3882	0.3012	0.5418
chrom19	0.9997	0.0003	0.9186	0.8326	0.1678
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9993	0.0007	0.8240	0.6467	0.4092
chrom21	0.9945	0.0002	0.6654	0.1440	0.1780
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8260	0.1740	0.6900	0.3477	0.6637
churn-bigml	0.8577	0.1423	0.6239	0.1625	0.5672
ci900367j_MACCS	0.6947	0.3053	0.6588	0.2857	0.7837
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4618	0.3824	0.4500
cjs	0.9857	0.0048	0.9859	0.9826	0.0298
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8065	0.0968	0.6616	0.6910	0.3387
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6964	0.3617	0.3679
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5102	0.3265	0.5022	0.2283	0.7238
cnae-9	0.8519	0.0329	0.8652	0.8333	0.1184
codon_usage	0.9233	0.0140	0.8203	0.9070	0.1616
coil20	0.9792	0.0021	0.9812	0.9781	0.0112
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.3800	0.0827	0.2091	0.3005	0.3127
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.6552	0.3448	0.5519	0.0584	0.7592
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4	0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.7419	0.1720	0.6847	0.5804	0.4082

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5385	0.4673	0.5332	0.0318	0.7867
comedy_comparisons1%	0.5048	0.4952	0.4774	-0.0200	0.8130
comedy_comparisons10%	0.5302	0.4698	0.5299	0.0598	0.9815
connect-4	0.9867	0.0089	0.7262	0.6308	0.2097
cottonmeloidogyne	0.6587	0.3413	0.6600	0.3162	0.8612
coupon	0.6333	0.3667	0.6176	0.2281	0.8907
covid19	0.4541	0.1560	0.1897	0.0988	0.5943
covtype	0.9389	0.0175	0.8937	0.9019	0.1744
covtype10%	0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD	0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT	0.9855	0.0145	0.9442	0.8885	0.2569
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9995	0.0005	0.9317	0.8629	0.2254
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn	0.9794	0.0206	0.6513	0.2404	0.4332
cybersecurity	0.1433	0.2856	0.1455	-0.0302	0.8424
cyclopentane	0.5926	0.4074	0.6115	0.2080	0.8796
cylinder-bands	0.7222	0.2778	0.7129	0.4088	0.7593
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0944	0.1811	0.0945	-0.0062	0.9201
day1%	0.9861	0.0207	0.9584	0.9494	0.1481
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8177	0.1823	0.6972	0.3610	0.6627
defect	0.8673	0.1327	0.7044	0.3375	0.5280
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8952	0.1048	0.6835	0.3106	0.5483
depressed	0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5625	0.2917	0.6143	0.3086	0.4783
DIA	0.8833	0.1167	0.8416	0.6316	0.2737
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k	0.9236	0.0764	0.6813	0.2278	0.3662
diabetes-risk	0.9071	0.0929	0.8537	0.7055	0.4845
diabetic	0.5359	0.3094	0.3854	0.0716	0.5662
diabetic1%	0.5784	0.2810	0.3793	0.1429	0.4927
diabetic10%	0.5177	0.3215	0.3266	0.0350	0.5571
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9500	0.0250	0.9350	0.9305	0.0670
diamonds_all	0.6654	0.1339	0.6032	0.5171	0.4007
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.4583	0.5417	0.4345	-0.1304	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9795	0.0068	0.5272	0.0505	0.4647
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5459	0.4541	0.5414	0.0821	0.9699
dota210%	0.5544	0.4456	0.5492	0.0962	0.9600
drebin	0.9807	0.0193	0.9793	0.9585	0.1279
dropout	0.7314	0.1791	0.6553	0.5242	0.4263

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3883	0.1748	0.1227	0.0183	0.4782
drug-02	0.5213	0.1368	0.1838	0.1269	0.5227
drug-03	0.6968	0.0866	0.1828	0.0968	0.2617
drug-04	0.5319	0.1337	0.2566	0.1510	0.5024
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4468	0.1581	0.3052	0.3010	0.5219
drug-07	0.3830	0.1763	0.1217	-0.0161	0.4556
drug-08	0.5532	0.1277	0.1447	0.0905	0.3879
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1804	0.1495	0.4351
drug-11	0.8457	0.0441	0.1313	0.0201	0.2017
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6117	0.1109	0.2170	0.2390	0.4507
drug-14	0.5745	0.1216	0.2321	0.2044	0.4306
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5638	0.1246	0.2356	0.2596	0.4541
drug-17	0.3511	0.1854	0.1548	0.1110	0.5995
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0068	0.2303
drybean	0.9265	0.0210	0.9385	0.9111	0.1211
ecoli	0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9169	0.8197	0.1808
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2690	0.0235	0.8331
eeg	0.4716	0.0660	0.4981	0.4124	0.5625
eeg-eye	0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%	0.3486	0.0814	0.3163	0.2739	0.5917
email_phishing	0.9882	0.0118	0.6980	0.2934	0.2906
eucalyptus	0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid	0.9525	0.0475	0.8573	0.7110	0.4096
exon.vs.intron-freq	0.9621	0.0379	0.9626	0.9243	0.2081
exon.vs.intron-freq10%	0.9167	0.0833	0.9204	0.8340	0.3413
fakenews	0.5100	0.4900	0.5093	0.0183	0.9904
farm-ads	0.6546	0.3454	0.7044	0.3329	0.6625
fbis-wc	0.5894	0.0483	0.5191	0.5358	0.3454
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5882	0.4118	0.5748	0.1384	0.9138
financial-risk	0.7025	0.0992	0.4214	0.4879	0.3048
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.4500	0.1375	0.2420	0.2994	0.3268
fonts	0.7611	0.0031	0.6013	0.7502	0.3362
fonts10%	0.5283	0.0062	0.2723	0.5061	0.6044
forest	0.8846	0.0577	0.8658	0.8398	0.1322
gas	0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal	0.6875	0.2083	0.6898	0.5031	0.5143
gender	0.6211	0.2526	0.4242	0.1830	0.5780
gene	0.8517	0.0988	0.8562	0.7704	0.3411
german	0.7100	0.2900	0.6608	0.2487	0.6879
gestures	0.6661	0.1670	0.6966	0.5551	0.4169
gina	0.8357	0.1643	0.8370	0.6707	0.5802
gisette	0.9529	0.0471	0.9529	0.9057	0.2540
glass	0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2667	0.3667	0.3131	0.0060	0.5810
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.9588	0.0069	0.8216	0.9513	0.0402
har	0.9954	0.0018	0.9950	0.9942	0.0137
har70	0.9306	0.0198	0.6874	0.8971	0.1853
har701%	0.9137	0.0247	0.5390	0.8728	0.1588
har7010%	0.9216	0.0224	0.6069	0.8838	0.1846
harth	0.9002	0.0166	0.7016	0.8642	0.1871
harth1%	0.8683	0.0220	0.5978	0.8201	0.2060
harth10%	0.8865	0.0189	0.6709	0.8453	0.1980
hayes-roth	0.6875	0.2083	0.7253	0.5000	0.4011
hcc-survival	0.8235	0.1765	0.8240	0.6434	0.6112
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8889	0.1111	0.8914	0.7596	0.3038
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9700	0.0300	0.9651	0.9293	0.1667
heart-quantum	0.8200	0.1800	0.8195	0.6341	0.6200
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass	0.8273	0.1727	0.8276	0.6547	0.6082
hepmass1%	0.8301	0.1699	0.8301	0.6601	0.6038
hepmass10%	0.8401	0.1599	0.8401	0.6802	0.5827
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.6734	0.3273	0.6683	0.3401	0.8640
higgs0.1%	0.6345	0.3655	0.6314	0.2611	0.8942
higgs1%	0.6483	0.3517	0.6456	0.2841	0.8679
higgs10%	0.6826	0.3174	0.6805	0.3595	0.8409
higher	0.2857	0.1786	0.1339	0.1250	0.3048
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.6875	0.3125	0.6942	0.3574	0.7631
hiv1-proteasa	0.8853	0.1147	0.7755	0.5358	0.5568
hiva	0.9598	0.0402	0.4897	-0.0084	0.4680
horse	0.5833	0.2778	0.4481	0.1401	0.3449
hotel-reservartions	0.8569	0.1431	0.8332	0.6582	0.5374
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%	0.9999	0.0001	0.9999	0.9998	0.0007
htru2	0.9777	0.0223	0.9300	0.8571	0.2133
hypothyroid	0.9284	0.0358	0.4613	0.3930	0.1518
hypothyroidT	0.9496	0.0504	0.7924	0.5147	0.2647
ilpd	0.6780	0.3220	0.4865	-0.0163	0.8299
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9707	0.0147	0.9709	0.9609	0.0639
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9037	0.0074	0.9052	0.8999	0.0841

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8246	0.1754	0.6569	0.2366	0.6017
jvowels	0.9970	0.0007	0.9970	0.9966	0.0056
kc1	0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.6429	0.0298	0.0357	0.2045	0.1087
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.2743	0.1814	0.3488	0.1524	0.4160
kddcup98	0.9044	0.0894	0.4913	-0.0166	0.6443
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	1.0000	0.0000	0.6444	0.9862	0.0033
kddcup991%	0.9988	0.0001	0.5457	0.9979	0.0014
kddcup9910%	0.9994	0.0000	0.7292	0.9990	0.0303
kepler	0.8420	0.1053	0.7946	0.7392	0.2885
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7640	0.0262	0.7607	0.7364	0.2748
krvskp	0.9342	0.0658	0.9343	0.8678	0.3166
la1s-wc	0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc	0.4238	0.1921	0.4498	0.2935	0.5326
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.5882	0.0206	0.3317	0.5677	0.0757
led24	0.6500	0.0700	0.6391	0.6056	0.1660
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9610	0.0030	0.9605	0.9594	0.0464
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8611	0.0185	0.8750	0.8509	0.0672
linkage	0.9947	0.0000	0.9893	1.0000	0.0118
linkage1%	0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%	1.0000	0.0000	0.9976	0.9952	0.0209
liver	0.7647	0.2353	0.7455	0.4868	0.7356
loan	0.9110	0.0890	0.9046	0.8082	0.4001
localization	0.7572	0.0441	0.5382	0.6923	0.4326
localization10%	0.6820	0.0578	0.4348	0.5930	0.4867
lrs	0.8491	0.0302	0.5605	0.7915	0.1271
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5385	0.4615	0.5385	0.0769	0.9763
magic04	0.8417	0.1583	0.8238	0.6275	0.5230
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8330	0.6636	0.5893
marketing	0.8839	0.1161	0.7370	0.3147	0.2531
maternal	0.8614	0.0924	0.8645	0.7898	0.3273
math	0.6250	0.1875	0.4913	0.3834	0.3846
mba	0.8290	0.1140	0.3409	0.0087	0.3146
mental-disorders	0.8333	0.0833	0.8333	0.7778	0.1667
mental-health	0.2100	0.3160	0.2032	0.0115	0.8513

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6174	0.3826	0.6239	0.2425	0.8909
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac	0.9800	0.0040	0.9807	0.9778	0.0226
mfeat-fou	0.8050	0.0390	0.8098	0.7833	0.1566
mfeat-kar	0.9550	0.0090	0.9561	0.9500	0.0565
mfeat-mor	0.7250	0.0550	0.7265	0.6944	0.1882
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-zer	0.8050	0.0390	0.8057	0.7833	0.1106
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.4706	0.2118	0.4346	0.3398	0.4793
mobile	0.6958	0.0109	0.7274	0.6903	0.1240
monks-1	0.8364	0.1636	0.8415	0.6715	0.5468
monks-2	0.8197	0.1803	0.7982	0.5960	0.6483
monks-3	0.9107	0.0893	0.9127	0.8205	0.3690
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4800	0.0945	0.4998	0.3671	0.5362
musk	0.9591	0.0409	0.9184	0.8291	0.2147
MUT_ci300400a_cdk_ECFP2	0.7710	0.2290	0.7669	0.5331	0.7191
MUT_ci300400a_cdk_ECFP4	0.7701	0.2299	0.7646	0.5289	0.7228
MUT_ci300400a_cdk_ECFP6	0.7557	0.2443	0.7491	0.4983	0.7466
MUT_ci300400a_cdk_ESTATE	0.7458	0.2542	0.7366	0.4726	0.7618
MUT_ci300400a_cdk_EXTENDED	0.8489	0.1511	0.8448	0.6896	0.5697
MUT_ci300400a_cdk_FCFP2	0.7713	0.2287	0.7635	0.5266	0.7213
MUT_ci300400a_cdk_FCFP4	0.7590	0.2410	0.7534	0.5066	0.7405
MUT_ci300400a_cdk_FCFP6	0.7674	0.2326	0.7663	0.5297	0.7182
MUT_ci300400a_cdk_MACCS	0.8165	0.1835	0.8108	0.6214	0.6382
MUT_ci300400a_cdk_PUBCHEM	0.8335	0.1665	0.8280	0.6557	0.6020
MUT_ci300400a_cdk_STANDARD	0.8491	0.1509	0.8442	0.6881	0.5673
MUT_ci300400a_rdkit_descriptors	0.8471	0.1529	0.8432	0.6862	0.5709
myocardial	0.8647	0.0338	0.2657	0.2387	0.1116
naticusdroid	0.9618	0.0382	0.9618	0.9236	0.2176
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA	0.9482	0.0055	0.7575	0.8605	0.4233
ncRNA1%	0.8982	0.0107	0.4357	0.7059	0.4539
ncRNA10%	0.9217	0.0082	0.5980	0.7838	0.5865
neo	0.9096	0.0904	0.6626	0.2316	0.4753
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.4160	0.0265	0.4714	0.3973	0.4102
newspop	0.6423	0.3577	0.6412	0.2823	0.8883
NHANES_age_prediction	0.9427	0.0573	0.8863	0.7612	0.3029
nomao	0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits	0.4861	0.3426	0.3025	-0.0242	0.5636
nursery	0.9375	0.0250	0.6746	0.9075	0.0868
obesity	0.8341	0.0474	0.8313	0.8063	0.2124
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation	0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc	0.5050	0.0990	0.4830	0.4098	0.3648
oh10-wc	0.2381	0.1524	0.2482	0.1623	0.3796
oh15-wc	0.3043	0.1391	0.3263	0.1764	0.4462
oh5-wc	0.1538	0.1692	0.1485	0.0246	0.3873

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.2966	0.1407	0.3191	0.2128	0.6721
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9030	0.0970	0.6225	0.2127	0.6247
opn310k10%	0.9066	0.0934	0.6261	0.2165	0.6122
opnat310k-hg16-17	0.9076	0.0924	0.6420	0.2451	0.5974
optdigits	0.9715	0.0057	0.9735	0.9683	0.0403
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9130	0.0870	0.5398	0.0537	0.6079
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8041	0.1959	0.7835	0.5669	0.6802
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8717	0.7320	0.4784
p53-mutants	0.9955	0.0045	0.6848	0.2983	0.3495
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.8613	0.8742	0.1672
parkinson	0.9333	0.0667	0.9329	0.8638	0.3290
parkinsons	0.7346	0.2654	0.7092	0.4104	0.7741
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.8990	0.1010	0.8769	0.7534	0.4858
particle10%	0.8838	0.1162	0.8536	0.7063	0.5170
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9009	0.0991	0.5548	0.1042	0.6873
pcmac	0.5979	0.4021	0.5672	0.0581	0.6967
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia	0.7353	0.0756	0.6727	0.6648	0.1654
pendigits	0.9936	0.0013	0.9936	0.9929	0.0116
period	0.7778	0.2222	0.7568	0.4000	0.4011
period-10f	0.1111	0.8889	0.1000	-0.5000	0.9422
persistency	0.7289	0.2711	0.7002	0.3667	0.7282
personalities	0.9882	0.0015	0.9882	0.9874	0.0224
pet-adoption	0.8100	0.1900	0.7796	0.5567	0.6674
phishing	0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL	0.9968	0.0032	0.9967	0.9934	0.0294
PhiUSIIL10%	0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc	0.9831	0.0015	0.9989	1.0000	0.0099
phone-acc0.1%	0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%	0.7945	0.0587	0.7822	0.7595	0.2406
phone-acc10%	0.8553	0.0413	0.8466	0.8308	0.1747
phone-gyr	0.9415	0.0167	0.9370	0.9316	0.0893
phone-gyr0.1%	0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%	0.8313	0.0482	0.8207	0.8025	0.2202
phone-gyr10%	0.8874	0.0322	0.8798	0.8684	0.1547
phoneme	0.9148	0.0852	0.8930	0.7843	0.4091
phy	0.6780	0.3220	0.6780	0.3560	0.8484
pima	0.7368	0.2632	0.7191	0.4081	0.7142
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7980	0.2020	0.7919	0.5835	0.6735
plant-growth	0.7368	0.2632	0.7389	0.4751	0.7624
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.5383	0.0923	0.2216	0.1274	0.2845
poker1%	0.4985	0.1003	0.1815	0.0454	0.3325
poker10%	0.5058	0.0988	0.2069	0.0586	0.3830
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9357	0.0643	0.6719	0.1613	0.2810
polya	0.7686	0.2314	0.7428	0.4835	0.7359
popularity	0.6502	0.2332	0.4084	0.2153	0.4979
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6808	0.3235	0.7683
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4242	0.0523	0.2031	0.3596	0.2579
processed	0.9207	0.0793	0.9081	0.8153	0.3819
profb	0.7015	0.2985	0.6240	0.2136	0.7942
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%	0.9819	0.0072	0.9689	0.9757	0.0493
pufs-128	0.4959	0.5019	0.4912	-0.0035	1.0000
pufs-1281%	0.4960	0.5040	0.4960	-0.0080	1.0000
pufs-12810%	0.5045	0.4955	0.5046	0.0091	0.9908
pufs-64	0.5032	0.4968	0.5032	0.0064	0.9982
pufs-641%	0.4996	0.5004	0.4996	-0.0008	1.0000
pufs-6410%	0.5061	0.4939	0.5061	0.0122	0.9965
pulsar	0.9808	0.0192	0.9407	0.8785	0.1663
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv1	0.2426	0.0427	0.0177	-0.0104	0.2858
rcv11%	0.4056	0.0224	0.1564	0.2553	0.3790
rcv110%	0.5560	0.0168	0.3022	0.4811	0.5852
re0-wc	0.6133	0.0595	0.5859	0.5065	0.4841
re1-wc	0.5181	0.0386	0.4769	0.4426	0.3909
rejafada	0.9497	0.0503	0.4871	-0.0216	0.6256
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.6277	0.0115	0.2558	0.4256	0.3725
rice	0.9857	0.0143	0.9856	0.9711	0.0997
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6139	0.3861	0.6004	0.2007	0.9186
RT_IOT2022	0.9981	0.0003	0.9764	0.9951	0.0037
satimage	0.9051	0.0316	0.8953	0.8832	0.1589
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9487	0.0513	0.8560	0.7117	0.4573
scadi	0.7143	0.0816	0.3896	0.6111	0.0825
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5588	0.4412	0.5700	0.1176	0.8809
sclerosis	0.9630	0.0370	0.9635	0.9244	0.1598
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9494	0.9342	0.0732
segmentation	0.8663	0.1337	0.8571	0.7131	0.5413
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.5890	0.0543	0.4408
sens-2-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-3-gram	0.8737	0.1263	0.6333	0.1180	0.4289
sens-4-gram	0.8632	0.1368	0.5795	0.0936	0.5903
sens-5-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram	0.8789	0.1211	0.6856	0.1312	0.2567

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8632	0.1368	0.5884	0.1163	0.6103
sens-8-gram	0.8605	0.1395	0.5188	0.0127	0.5424
sens-9-gram	0.8605	0.1395	0.5188	0.0127	0.5424
sensorless	0.8581	0.0258	0.8587	0.8439	0.1664
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8792	0.1208	0.7254	0.3840	0.4977
shuttle	0.9993	0.0002	0.9040	0.9981	0.1298
sick	0.9469	0.0530	0.7550	0.4968	0.5125
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9998	0.0002	0.9998	0.9995	0.0044
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.8320	0.1680	0.8348	0.6626	0.5743
smart-farming	0.2200	0.3900	0.1561	-0.0506	0.7801
smk_can_187	0.5789	0.4211	0.5748	0.1461	0.9386
smoking	0.7913	0.2087	0.7747	0.5493	0.6969
soil_pollution	0.2033	0.3187	0.2023	0.0043	0.8752
solar-flare	0.7554	0.0815	0.6716	0.6847	0.2033
sonar	0.8000	0.2000	0.8276	0.6000	0.4308
soybean	0.9706	0.0031	0.9894	0.9677	0.0170
spam-detection	0.9530	0.0470	0.8523	0.7027	0.4346
spambase	0.8935	0.1065	0.8885	0.7770	0.4601
spect	0.7407	0.2593	0.6469	0.2921	0.7993
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.4717	0.0220	0.2274	0.4402	0.1532
splice-EI	0.9211	0.0789	0.8980	0.7952	0.4329
splice-IE	0.9117	0.0883	0.8735	0.7437	0.4353
sport-articles	0.8600	0.1400	0.8478	0.6928	0.5387
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5385	0.5455	0.2005
startup	0.7957	0.2043	0.7871	0.4874	0.3924
steel_industry	0.8613	0.0925	0.8280	0.7746	0.3037
steel-b	0.8615	0.1385	0.7828	0.5635	0.6203
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9744	0.0256	0.9604	0.9206	0.1989
steel-o	0.7897	0.2103	0.7638	0.5258	0.7019
steel-p	0.9179	0.0821	0.6063	0.0946	0.4184
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9334	0.8638	0.3518
stellar	0.9056	0.0629	0.8934	0.8275	0.2481
stock	0.8542	0.1458	0.7130	0.3108	0.4409
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8100	0.1900	0.8074	0.6121	0.6387
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6050	0.1580	0.3281	0.3412	0.4176
student-depression	0.7140	0.2860	0.6992	0.3872	0.7882
student-habits	0.3000	0.2800	0.1793	-0.0897	0.6101
student-weekend	0.2923	0.2831	0.1271	-0.0629	0.6434
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.5750	0.2642	0.4771
susy	0.7553	0.2447	0.7528	0.5036	0.7387
susy1%	0.7762	0.2238	0.7770	0.5411	0.6715
susy10%	0.7865	0.2135	0.7869	0.5630	0.6583
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5333	0.3000	0.5691
telco-churn	0.8750	0.1250	0.8328	0.6586	0.5228
texture	0.9800	0.0036	0.9810	0.9779	0.0290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.9836	0.0164	0.9832	0.9663	0.1157
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.7591	0.2409	0.7101	0.4121	0.7548
tourist	0.6250	0.1250	0.2626	0.4146	0.1409
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6670	0.3307	0.8305
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.5365	0.0711	0.8812
trec11-wc	0.6098	0.0867	0.5870	0.5194	0.2999
trec12-wc	0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc	0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc	0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc	0.6882	0.0891	0.4645	0.5574	0.2748
trec41-wc	0.5227	0.0955	0.3228	0.3658	0.3106
trec45-wc	0.3043	0.1391	0.2630	0.1066	0.3364
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.7000	0.1500	0.6933	0.6000	0.3643
tvnews	0.9437	0.0563	0.9391	0.8768	0.2763
tvnews1%	0.9000	0.1000	0.8917	0.7806	0.4235
tvnews10%	0.8766	0.1234	0.8658	0.7297	0.4992
ur3_cobotops_grip	0.9728	0.0272	0.7282	0.4002	0.3848
ur3_cobotops_stop	0.9701	0.0299	0.7400	0.3045	0.0923
urban	0.7910	0.0464	0.7837	0.7541	0.1642
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%	0.7360	0.2615	0.6946	0.2642	0.4838
ustilago	0.9194	0.0727	0.5469	0.0467	0.2374
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7381	0.1310	0.6882	0.6431	0.3077
vehicleVAN	0.9524	0.0476	0.9393	0.8769	0.3203
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	1.0000	0.0000	1.0000	1.0000	0.0000
vowel	0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17	0.9136	0.0864	0.6480	0.1388	0.3648
wap-wc	0.3846	0.0615	0.2776	0.3190	0.3477
warpar10p	0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.9429	0.0163	0.9423	0.9332	0.0922
watch-acc1%	0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%	0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr	0.9131	0.0248	0.9122	0.8985	0.1355
watch-gyr1%	0.7473	0.0722	0.7439	0.7048	0.3154
watch-gyr10%	0.8311	0.0483	0.8300	0.8027	0.2263
water_pollution	0.2400	0.3800	0.2339	-0.0146	0.8138
waveform	0.8380	0.1080	0.8387	0.7570	0.3690
weather-related	0.9731	0.0049	0.9756	0.9695	0.0372
web-phishing	0.8222	0.1185	0.7476	0.6883	0.4685
Weekly	0.9815	0.0185	0.9812	0.9625	0.1262
weight-lift	0.9934	0.0027	0.9931	0.9916	0.0203
white-clover	0.5000	0.2500	0.1667	-0.2857	0.3909
wifi-loc	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9814	0.0186	0.8924	0.7711	0.1899
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white	0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg	0.9984	0.0004	0.9970	0.9980	0.0075
winnipeg10%	0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.6875	0.0417	0.6732	0.6667	0.0602
yeast	0.5203	0.0959	0.3775	0.3825	0.4241
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9591	0.0082	0.9546	0.9542	0.0668

Table 335: Detailed results for k-NN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1631	0.0577	0.1200	0.0832	0.5793
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9828	0.0172	0.6537	0.1979	0.3296
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9726	0.0274	0.9416	0.8761	0.0941
adult	0.8411	0.1589	0.7666	0.5270	0.6406
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9941	0.0059	0.6782	0.0537	0.0247
aids	0.8028	0.1972	0.6977	0.3569	0.6648
air_pollution	0.2833	0.2048	0.1573	0.0227	0.7561
air-booking	0.8218	0.1782	0.5895	0.1702	0.7613
airline	0.9281	0.0719	0.9270	0.8526	0.3335
alcohol	0.7429	0.1029	0.3671	0.3102	0.3607
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7302	0.2698	0.6910	0.3724	0.7865
anneal	0.9888	0.0045	0.9858	0.9759	0.0146
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus	0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species	0.9861	0.0028	0.9743	0.9807	0.0592
anxiety	0.0750	0.2056	0.0655	-0.0396	0.7843
apple-quality	0.8900	0.1100	0.8901	0.7800	0.4595
aps-failure	0.9900	0.0100	0.8457	0.6860	0.3560
arabidopsis	0.9544	0.0152	0.5582	0.1168	0.5360
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9870	0.0130	0.6040	0.2078	0.5532
arabidopsis10%	0.9832	0.0210	0.5195	0.0501	0.4554

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia	0.6000	0.0615	0.2130	0.1988	0.2662
auction	0.8873	0.1127	0.6886	0.3274	0.5665
audiology	0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult	0.9000	0.1000	0.8697	0.7244	0.3859
autism-child	0.7586	0.2414	0.7657	0.5201	0.7027
autos	0.8000	0.0667	0.6553	0.7324	0.1641
avila	0.7652	0.0391	0.7763	0.6938	0.3689
babies	0.3790	0.1774	0.1478	0.0329	0.5454
balance	0.8871	0.0753	0.6164	0.7903	0.3043
bank	0.8985	0.1015	0.6798	0.2946	0.5306
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	0.9600	0.0400	0.9606	0.9180	0.2092
barleyblumeria	0.8687	0.1313	0.8620	0.6931	0.3677
basehock	0.8040	0.1960	0.8157	0.6075	0.5740
bio	0.9973	0.0027	0.9183	0.8313	0.1628
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	0.9048	0.0952	0.9114	0.8073	0.3522
bitcoin	0.9684	0.0012	0.1226	0.3953	1.0000
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0010	0.0463	0.0047	0.0212
body-perf	0.5843	0.2078	0.5939	0.4458	0.5490
bookings	0.9355	0.0430	0.7299	0.8624	0.2777
brain-tumor	0.5015	0.4985	0.5015	0.0030	0.9991
breast-cancer	0.6429	0.3571	0.5276	0.0541	0.9174
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.5000	0.1429	0.4685	0.3590	0.2261
bub10at310k-hg16-17	0.9116	0.0884	0.6364	0.1794	0.4865
bub12at310k-hg16-17	0.9104	0.0896	0.6294	0.1712	0.5010
bub8at310k-hg16-17	0.9093	0.0907	0.6379	0.2201	0.5636
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	1.0000	0.0000	1.0000	1.0000	0.0000
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4650	0.3567	0.3318	0.0229	0.7403
car	0.9310	0.0345	0.9073	0.8591	0.2477
car-insurance	0.8040	0.1960	0.7725	0.5450	0.6904
card	0.8406	0.1594	0.8389	0.6616	0.5218
cardiotocography	0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp	0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular	0.6488	0.3512	0.6489	0.2975	0.8807
cargo2k	0.9797	0.0135	0.9797	0.9695	0.0655
cars	0.7000	0.2000	0.5062	0.3790	0.4522
cas_N6512_cdk_ECFP2	0.7020	0.2980	0.7008	0.4015	0.8188
cas_N6512_rdkit_ATOMPAIR	0.7277	0.2723	0.7251	0.4489	0.7820
cas_N6512_RDkit_AtomPair_FP	0.7469	0.2531	0.7447	0.4888	0.7547
cas_N6512_rdkit_AVALON	0.7896	0.2104	0.7879	0.5756	0.6845
cas_N6512_RDkit_Avalon_FP	0.7975	0.2025	0.7971	0.5938	0.6690
cas_N6512_rdkit_descriptors	0.7631	0.2369	0.7617	0.5233	0.7304
cas_N6512_rdkit_FEATMORGAN	0.7327	0.2673	0.7328	0.4647	0.7740
cas_N6512_RDkit_Featmorgan_FP	0.7454	0.2546	0.7467	0.4914	0.7514
cas_N6512_RDkit_FP	0.7699	0.2301	0.7694	0.5385	0.7177
cas_N6512_rdkit_LAYERED	0.7723	0.2277	0.7723	0.5439	0.7122
cas_N6512_RDkit_Layered_FP	0.7515	0.2485	0.7497	0.4992	0.7487

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7696	0.2304	0.7681	0.5361	0.7197
cas_N6512_RDkit_MACCS_FP	0.7607	0.2393	0.7616	0.5216	0.7287
cas_N6512_rdkit_MORGAN	0.7308	0.2692	0.7389	0.4671	0.7479
cas_N6512_RDkit_morgan_FP	0.7270	0.2730	0.7260	0.4518	0.7847
cas_N6512_rdkit_PATTERN	0.7554	0.2446	0.7580	0.5124	0.7310
cas_N6512_RDkit_pattern_FP	0.7623	0.2377	0.7609	0.5218	0.7317
cas_N6512_rdkit_RDKITFP	0.7834	0.2166	0.7823	0.5647	0.6958
cas_N6512_rdkit_TORSION	0.7415	0.2585	0.7403	0.4805	0.7639
ccds	0.9696	0.0381	0.6459	0.0771	0.2252
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9624	0.0376	0.6718	0.0404	0.1093
cdc_diabetes	0.8455	0.1030	0.4116	0.1537	0.3143
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7772	0.2228	0.7689	0.5322	0.7052
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8094	0.5869	0.3207
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9542	0.0458	0.6647	0.1532	0.2651
CDS49_AID687_Rdkit-ecfp4-fp	0.9967	0.0033	0.4992	-0.0013	0.5230
census	0.9436	0.0564	0.6961	0.3144	0.4269
census10%	0.9438	0.0561	0.6641	0.2315	0.4200
central-nervous-system	0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia	0.4840	0.2580	0.4266	0.2304	0.5934
chrom19	0.9884	0.0003	0.9131	0.8163	0.3266
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%	0.9992	0.0008	0.7946	0.5878	0.4445
chrom21	0.9905	0.0002	0.6686	0.1437	0.1774
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9096	0.0904	0.5567	0.0839	0.6212
churn	0.8320	0.1680	0.7016	0.3674	0.6407
churn-bigml	0.8577	0.1423	0.6239	0.1625	0.5672
ci900367j_MACCS	0.7053	0.2947	0.6721	0.3144	0.7732
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.5238	0.3175	0.3520	0.0749	0.5310
cjs	0.9857	0.0048	0.9859	0.9826	0.0298
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8037	0.0981	0.6561	0.6865	0.3423
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4807	0.2152	0.7303
cnae-9	0.8519	0.0329	0.8652	0.8333	0.1184
codon_usage	0.9233	0.0140	0.8203	0.9070	0.1616
coil20	0.9792	0.0021	0.9812	0.9781	0.0112
college	0.9091	0.0909	0.8839	0.7674	0.4467
collins	0.3800	0.0827	0.2091	0.3005	0.3127
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.6552	0.3448	0.5679	0.1104	0.8482
colposcopies-2	0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3	0.5862	0.4138	0.5287	0.0279	0.7720
colposcopies-4	0.7241	0.2759	0.5767	0.1008	0.7373
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.6552	0.3448	0.6656	0.2995	0.7967
colposcopies-c	0.7586	0.2414	0.5904	0.1288	0.7232
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.7742	0.1505	0.7318	0.6303	0.3780

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5344	0.4656	0.5243	0.0320	0.7747
comedy_comparisons1%	0.5092	0.4908	0.4935	-0.0079	0.8643
comedy_comparisons10%	0.5358	0.4714	0.5342	0.0591	0.9936
connect-4	0.9868	0.0088	0.7411	0.6475	0.2570
cottonmeloidogyne	0.6514	0.3486	0.6535	0.3016	0.8648
coupon	0.6459	0.3541	0.6304	0.2461	0.8611
covid19	0.4700	0.1514	0.1897	0.1159	0.5805
covtype	0.9389	0.0175	0.8937	0.9019	0.1744
covtype10%	0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD	0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT	0.9855	0.0145	0.9442	0.8885	0.2569
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9995	0.0005	0.9317	0.8629	0.2254
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn	0.9772	0.0228	0.6743	0.3410	0.5453
cybersecurity	0.1433	0.2856	0.1455	-0.0302	0.8424
cyclopentane	0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands	0.7037	0.2963	0.6920	0.3730	0.8001
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1004	0.1799	0.1042	0.0005	0.8606
day1%	1.0000	0.0203	0.9567	0.9499	0.1468
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8173	0.1827	0.6958	0.3552	0.6583
defect	0.8642	0.1358	0.7146	0.4140	0.6426
dementia	0.9800	0.0200	0.9803	0.9599	0.1081
deposit	0.8952	0.1048	0.6835	0.3106	0.5483
depressed	0.8112	0.1888	0.5616	0.0994	0.7452
dermatology	1.0000	0.0000	1.0000	1.0000	0.0000
desharnais	0.5000	0.3333	0.3366	0.0303	0.5178
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5625	0.2917	0.4290	0.3000	0.5195
DIA	0.8833	0.1167	0.8416	0.6316	0.2737
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k	0.9229	0.0771	0.6798	0.2827	0.4755
diabetes-risk	0.8912	0.1088	0.8299	0.6587	0.5431
diabetic	0.5359	0.3094	0.3781	0.0720	0.5714
diabetic1%	0.5588	0.2941	0.3673	0.0895	0.4976
diabetic10%	0.5138	0.3242	0.3240	0.0309	0.5701
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9500	0.0250	0.9363	0.9310	0.0954
diamonds_all	0.6656	0.1338	0.6063	0.5176	0.4013
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.3333	0.6667	0.2903	-0.4118	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	1.0000	0.0076	0.5174	0.0416	0.4424
dna10%	0.9925	0.0069	0.5340	0.0518	0.4693
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5459	0.4541	0.5414	0.0821	0.9699
dota210%	0.5573	0.4427	0.5528	0.1042	0.9604
drebin	0.9840	0.0160	0.9829	0.9657	0.1135
dropout	0.7449	0.1701	0.6664	0.5534	0.4239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3883	0.1748	0.1227	0.0183	0.4782
drug-02	0.5053	0.1413	0.1761	0.0975	0.5567
drug-03	0.7021	0.0851	0.1785	0.0882	0.1991
drug-04	0.5319	0.1337	0.2566	0.1510	0.5024
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.2702	0.2669	0.5560
drug-07	0.3830	0.1763	0.1204	-0.0222	0.4417
drug-08	0.5691	0.1231	0.2083	0.1347	0.3605
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1575	0.1519	0.4096
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6117	0.1109	0.1715	0.2315	0.4323
drug-14	0.5798	0.1201	0.2385	0.2058	0.4032
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5638	0.1246	0.2356	0.2596	0.4541
drug-17	0.3511	0.1854	0.1548	0.1110	0.5995
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9258	0.0212	0.9398	0.9102	0.1196
ecoli	0.7941	0.0515	0.4838	0.7136	0.1517
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.3100	0.3450	0.3111	0.0769	0.7931
eeg	0.4716	0.0660	0.4981	0.4124	0.5625
eeg-eye	0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%	0.3536	0.0808	0.3299	0.2816	0.6090
email_phishing	0.9873	0.0127	0.6785	0.3036	0.4154
eucalyptus	0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid	0.9525	0.0475	0.8573	0.7110	0.4096
exon.vs.intron-freq	0.9621	0.0379	0.9626	0.9243	0.2081
exon.vs.intron-freq10%	0.9167	0.0833	0.9204	0.8340	0.3413
fakenews	0.5575	0.4425	0.5581	0.1158	0.9606
farm-ads	0.6546	0.3454	0.7044	0.3329	0.6625
fbis-wc	0.6382	0.0426	0.5798	0.5857	0.2762
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4902	0.5098	0.4812	-0.0376	1.0000
financial-risk	0.6695	0.1102	0.4056	0.4551	0.4202
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.4000	0.1500	0.2262	0.2233	0.3052
fonts	0.7674	0.0031	0.5917	0.7538	0.3333
fonts10%	0.5285	0.0062	0.2718	0.5062	0.6044
forest	0.9038	0.0481	0.8906	0.8669	0.1249
gas	0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal	0.6875	0.2083	0.6898	0.5031	0.5143
gender	0.6168	0.2554	0.4449	0.1852	0.6197
gene	0.8612	0.0925	0.8644	0.7842	0.3270
german	0.7100	0.2900	0.6582	0.2602	0.7246
gestures	0.6661	0.1670	0.6966	0.5551	0.4169
gina	0.8329	0.1671	0.8351	0.6647	0.5784
gisette	0.9571	0.0429	0.9571	0.9143	0.2376
glass	0.7619	0.0794	0.8224	0.6779	0.2764
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8571	0.1429	0.8571	0.7108	0.5408
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.4000	0.3000	0.4681	0.1718	0.4058
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.9387	0.0102	0.7795	0.9275	0.0587
har	0.9954	0.0018	0.9950	0.9942	0.0137
har70	0.8946	0.0291	0.6136	0.8373	0.3551
har701%	0.9142	0.0245	0.6424	0.8736	0.1675
har7010%	0.9216	0.0224	0.6069	0.8838	0.1846
harth	0.8656	0.0189	0.6399	0.8213	0.2270
harth1%	0.8703	0.0216	0.6127	0.8230	0.2175
harth10%	0.8865	0.0189	0.6709	0.8453	0.1980
hayes-roth	0.6875	0.2083	0.7348	0.5031	0.4033
hcc-survival	0.8824	0.1176	0.8786	0.7571	0.4880
health-activity	0.7300	0.1350	0.2110	-0.0530	0.4958
heart	0.7037	0.2963	0.6932	0.3864	0.8222
heart-attack	0.9355	0.0645	0.9393	0.8714	0.2605
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9700	0.0300	0.9650	0.9295	0.1765
heart-quantum	0.7800	0.2200	0.7858	0.5600	0.6719
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass	0.8246	0.1808	0.8252	0.6381	0.6299
hepmass1%	0.8298	0.1702	0.8299	0.6595	0.6039
hepmass10%	0.8126	0.1842	0.8083	0.6294	0.6550
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.6750	0.3325	0.6764	0.3362	0.8696
higgs0.1%	0.6400	0.3600	0.6369	0.2710	0.8866
higgs1%	0.6500	0.3500	0.6475	0.2873	0.8648
higgs10%	0.6441	0.3511	0.6404	0.2894	0.9003
higher	0.1429	0.2143	0.1111	-0.0435	0.3928
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.7500	0.2500	0.7535	0.4900	0.7051
hiv1-proteasa	0.8803	0.1197	0.7607	0.4949	0.5481
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.4481	0.1401	0.3449
hotel-reservartions	0.8614	0.1386	0.8406	0.6805	0.5581
hr	0.7930	0.2070	0.4758	-0.0455	0.8056
ht-sensor	1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%	0.9999	0.0001	0.9999	0.9998	0.0007
htru2	0.9760	0.0240	0.9245	0.8460	0.2285
hypothyroid	0.9310	0.0345	0.4866	0.3918	0.0811
hypothyroidT	0.9496	0.0504	0.7956	0.4928	0.1391
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.9693	0.0153	0.9697	0.9591	0.0637
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9089	0.0070	0.9103	0.9052	0.0797

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8072	0.1928	0.5997	0.1287	0.6437
jvowels	0.9970	0.0007	0.9970	0.9966	0.0056
kc1	0.8768	0.1232	0.7238	0.3590	0.4552
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8269	0.1731	0.7038	0.3777	0.6558
kdc-4007	0.2743	0.1814	0.3488	0.1524	0.4160
kddcup98	0.8943	0.0907	0.4914	-0.0165	0.6427
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9993	0.0000	0.6350	1.0000	0.0033
kddcup991%	0.9988	0.0001	0.5457	0.9979	0.0014
kddcup9910%	0.9994	0.0000	0.7292	0.9990	0.0301
kepler	0.8368	0.1088	0.7820	0.7313	0.2829
kidney	0.7707	0.0917	0.1830	-0.0124	0.5806
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7583	0.0269	0.7525	0.7301	0.2806
krvskp	0.9342	0.0658	0.9343	0.8678	0.3166
la1s-wc	0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc	0.4238	0.1921	0.4498	0.2935	0.5326
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.5882	0.0206	0.3416	0.5704	0.0936
led24	0.6000	0.0800	0.5923	0.5506	0.1963
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9610	0.0030	0.9605	0.9594	0.0464
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8611	0.0185	0.8750	0.8509	0.0672
linkage	0.9854	0.0000	1.0000	1.0000	0.0117
linkage1%	0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%	0.9819	0.0002	1.0000	0.9901	0.0013
liver	0.7647	0.2353	0.7455	0.4868	0.7356
loan	0.8899	0.1101	0.8822	0.7642	0.4709
localization	0.7541	0.0447	0.5267	0.6876	0.4271
localization10%	0.6820	0.0578	0.4348	0.5930	0.4867
lrs	0.8491	0.0302	0.3518	0.7911	0.0931
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7857	0.1071	0.6253	0.5922	0.2570
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5538	0.4462	0.5540	0.1077	0.9643
magic04	0.8354	0.1646	0.8150	0.6196	0.5767
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8330	0.6636	0.5893
marketing	0.8884	0.1116	0.7386	0.4169	0.4831
maternal	0.8713	0.0858	0.8762	0.8054	0.2938
math	0.5500	0.2250	0.4719	0.2683	0.4091
mba	0.8000	0.1333	0.3818	0.1378	0.5487
mental-disorders	0.5833	0.2083	0.5749	0.4444	0.3893
mental-health	0.2033	0.3187	0.1922	0.0033	0.8306

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6348	0.3652	0.6505	0.2866	0.8476
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac	0.9800	0.0040	0.9809	0.9778	0.0225
mfeat-fou	0.7950	0.0410	0.7990	0.7722	0.1587
mfeat-kar	0.9400	0.0120	0.9415	0.9333	0.0700
mfeat-mor	0.7300	0.0540	0.7335	0.7000	0.1837
mfeat-pix	0.9800	0.0040	0.9811	0.9778	0.0247
mfeat-zer	0.8300	0.0340	0.8304	0.8111	0.1128
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5981	0.4469	0.4021
mobile	0.6783	0.0115	0.7185	0.6725	0.1349
monks-1	0.8364	0.1636	0.8415	0.6715	0.5468
monks-2	0.8689	0.1311	0.8589	0.7159	0.5373
monks-3	0.9286	0.0714	0.9285	0.8570	0.3436
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4244	0.1046	0.4525	0.3032	0.5937
musk	0.9545	0.0455	0.9093	0.8041	0.1768
MUT_ci300400a_cdk_ECFP2	0.7710	0.2290	0.7669	0.5331	0.7191
MUT_ci300400a_cdk_ECFP4	0.7701	0.2299	0.7646	0.5289	0.7228
MUT_ci300400a_cdk_ECFP6	0.7557	0.2443	0.7491	0.4983	0.7466
MUT_ci300400a_cdk_ESTATE	0.7566	0.2434	0.7494	0.4989	0.7456
MUT_ci300400a_cdk_EXTENDED	0.8477	0.1523	0.8436	0.6873	0.5724
MUT_ci300400a_cdk_FCFP2	0.7892	0.2108	0.7848	0.5693	0.6889
MUT_ci300400a_cdk_FCFP4	0.7626	0.2374	0.7574	0.5146	0.7343
MUT_ci300400a_cdk_FCFP6	0.7710	0.2290	0.7704	0.5376	0.7108
MUT_ci300400a_cdk_MACCS	0.8118	0.1882	0.8058	0.6115	0.6477
MUT_ci300400a_cdk_PUBCHEM	0.8323	0.1677	0.8268	0.6534	0.6048
MUT_ci300400a_cdk_STANDARD	0.8491	0.1509	0.8441	0.6878	0.5667
MUT_ci300400a_rdkit_descriptors	0.8471	0.1529	0.8432	0.6862	0.5709
myocardial	0.8647	0.0338	0.2657	0.2387	0.1116
naticusdroid	0.9587	0.0413	0.9587	0.9175	0.2310
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA	0.9543	0.0056	0.7601	0.8553	0.6589
ncRNA1%	0.9007	0.0105	0.4570	0.7193	0.5058
ncRNA10%	0.9216	0.0083	0.5972	0.7835	0.5862
neo	0.8926	0.1074	0.6637	0.3236	0.6692
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.4160	0.0265	0.4714	0.3973	0.4102
newspop	0.6423	0.3577	0.6412	0.2823	0.8883
NHANES_age_prediction	0.9295	0.0705	0.8577	0.6946	0.3346
nomao	0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits	0.5000	0.3333	0.3236	0.0099	0.5564
nursery	0.9606	0.0157	0.7284	0.9423	0.0949
obesity	0.8294	0.0487	0.8316	0.8008	0.2115
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation	0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc	0.4554	0.1089	0.4930	0.3536	0.3411
oh10-wc	0.2286	0.1543	0.2668	0.1547	0.3707
oh15-wc	0.3152	0.1370	0.3134	0.2082	0.4512
oh5-wc	0.3077	0.1385	0.2990	0.2014	0.4261

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.2966	0.1407	0.3191	0.2128	0.6721
olive	0.9298	0.0156	0.9215	0.9118	0.0396
opn310k	0.9030	0.0970	0.6225	0.2127	0.6247
opn310k10%	0.9085	0.0915	0.6386	0.2425	0.6062
opnat310k-hg16-17	0.9076	0.0924	0.6420	0.2451	0.5974
optdigits	0.9733	0.0053	0.9746	0.9703	0.0398
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9012	0.0988	0.5185	0.0309	0.6828
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7629	0.2371	0.7359	0.4718	0.7516
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9286	0.0714	0.9300	0.8573	0.3285
p53-mutants	0.9952	0.0048	0.6446	0.2089	0.3604
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.8613	0.8742	0.1672
parkinson	0.9250	0.0750	0.9237	0.8462	0.3614
parkinsons	0.6825	0.3175	0.6653	0.3304	0.8493
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.8975	0.1025	0.8739	0.7478	0.4885
particle10%	0.8823	0.1177	0.8532	0.7064	0.5275
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9009	0.0991	0.5548	0.1042	0.6873
pcmac	0.5464	0.4536	0.4539	-0.0501	0.8773
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia	0.7059	0.0840	0.6376	0.6332	0.2487
pendigits	0.9927	0.0015	0.9927	0.9919	0.0136
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
persistency	0.7201	0.2799	0.6892	0.3624	0.7814
personalities	0.9802	0.0025	0.9802	0.9788	0.0365
pet-adoption	0.8150	0.1850	0.7872	0.5734	0.6612
phishing	0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL	0.9809	0.0032	1.0000	1.0000	0.0297
PhiUSIIL10%	0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc	0.9920	0.0015	1.0000	0.9881	0.0100
phone-acc0.1%	0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%	0.7945	0.0587	0.7822	0.7595	0.2406
phone-acc10%	1.0000	0.0012	1.0000	0.9746	0.0095
phone-gyr	0.9414	0.0168	0.9605	0.9566	0.0876
phone-gyr0.1%	0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%	0.8313	0.0482	0.8207	0.8025	0.2202
phone-gyr10%	0.9772	0.0018	0.9920	0.9899	0.0129
phoneme	0.9148	0.0852	0.8930	0.7843	0.4091
phy	0.6806	0.3194	0.6806	0.3612	0.8453
pima	0.7237	0.2763	0.7027	0.3824	0.7533
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7620	0.2380	0.7546	0.5089	0.7364
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.6126	0.0740	0.2785	0.3424	0.7087
poker1%	0.4985	0.1003	0.1815	0.0454	0.3325
poker10%	0.5059	0.0988	0.2069	0.0588	0.3830
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9340	0.0660	0.6503	0.1552	0.3548
polya	0.7222	0.2778	0.6956	0.3910	0.8075
popularity	0.6497	0.2335	0.4070	0.2099	0.4976
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.7072	0.3824	0.7477
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.5152	0.0441	0.2783	0.4634	0.2128
processed	0.9175	0.0825	0.9046	0.8087	0.3968
profb	0.6567	0.3433	0.5609	0.1077	0.8799
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%	0.9819	0.0072	0.9689	0.9757	0.0493
pufs-128	0.4985	0.5039	0.4977	-0.0034	0.9873
pufs-1281%	0.5042	0.4958	0.5046	0.0085	0.9721
pufs-12810%	0.4989	0.5048	0.5009	0.0007	1.0000
pufs-64	0.5025	0.5042	0.4987	0.0055	1.0000
pufs-641%	0.5100	0.4900	0.5102	0.0198	0.9857
pufs-6410%	0.5060	0.4940	0.5060	0.0120	0.9966
pulsar	0.9824	0.0176	0.9462	0.8913	0.1909
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv1	0.2397	0.0432	0.0181	-0.0104	0.2795
rcv11%	0.4056	0.0224	0.1564	0.2553	0.3790
rcv110%	0.5504	0.0170	0.2985	0.4721	0.5908
re0-wc	0.6067	0.0605	0.5843	0.4991	0.4857
re1-wc	0.5181	0.0386	0.4769	0.4426	0.3909
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.6277	0.0115	0.2558	0.4256	0.3725
rice	0.9846	0.0154	0.9845	0.9689	0.1061
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6241	0.3759	0.6081	0.2161	0.9113
RT_IOT2022	0.9981	0.0003	0.9764	0.9951	0.0037
satimage	0.9051	0.0316	0.8953	0.8832	0.1589
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9487	0.0513	0.8542	0.7076	0.4508
scadi	0.8571	0.0408	0.5333	0.8056	0.0421
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	0.8889	0.1111	0.8895	0.7769	0.4590
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.9437	0.0161	0.9494	0.9342	0.0732
segmentation	0.8465	0.1535	0.8345	0.6686	0.5886
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram	0.8661	0.1339	0.5890	0.0543	0.4408
sens-2-gram	0.8711	0.1289	0.6156	0.1116	0.4810
sens-3-gram	0.8632	0.1368	0.5547	0.0445	0.5361
sens-4-gram	0.8632	0.1368	0.5795	0.0936	0.5903
sens-5-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram	0.8711	0.1289	0.6147	0.0873	0.4343

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8632	0.1368	0.5884	0.1163	0.6103
sens-8-gram	0.8632	0.1368	0.5963	0.1379	0.6268
sens-9-gram	0.8579	0.1421	0.5345	0.0339	0.6032
sensorless	0.8554	0.0263	0.8561	0.8409	0.1690
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8792	0.1208	0.7254	0.3840	0.4977
shuttle	0.9993	0.0002	0.9040	0.9981	0.1298
sick	0.9523	0.0477	0.7708	0.5038	0.4060
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9998	0.0002	0.9998	0.9995	0.0044
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.8560	0.1440	0.8600	0.7107	0.5066
smart-farming	0.1600	0.4200	0.1629	-0.1266	0.8573
smk_can_187	0.7368	0.2632	0.7449	0.4633	0.6993
smoking	0.7350	0.2650	0.7132	0.4263	0.7876
soil_pollution	0.1900	0.3240	0.1934	-0.0115	0.8606
solar-flare	0.7554	0.0815	0.6817	0.6841	0.1848
sonar	0.8000	0.2000	0.8276	0.6000	0.4308
soybean	0.9706	0.0031	0.9894	0.9677	0.0170
spam-detection	0.9475	0.0525	0.8395	0.6787	0.4820
spambase	0.8935	0.1065	0.8885	0.7770	0.4601
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.4340	0.0236	0.2139	0.4038	0.1407
splice-EI	0.9306	0.0694	0.9098	0.8191	0.3992
splice-IE	0.9117	0.0883	0.8741	0.7461	0.4442
sport-articles	0.8600	0.1400	0.8485	0.6963	0.5487
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	0.8495	0.1505	0.8330	0.6522	0.5253
steel_industry	0.8613	0.0925	0.8280	0.7746	0.3037
steel-b	0.8667	0.1333	0.7894	0.5757	0.6038
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9744	0.0256	0.9604	0.9206	0.1989
steel-o	0.8256	0.1744	0.8051	0.5819	0.5404
steel-p	0.9282	0.0718	0.7104	0.2078	0.1781
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9795	0.0205	0.9450	0.8886	0.3044
stellar	0.9056	0.0629	0.8934	0.8275	0.2481
stock	0.8472	0.1528	0.6917	0.3208	0.5799
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.7680	0.2320	0.7646	0.5285	0.7221
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5200	0.1920	0.3347	0.2268	0.5416
student-depression	0.7075	0.2925	0.6929	0.3804	0.8095
student-habits	0.2800	0.2880	0.2376	-0.0081	0.7632
student-weekend	0.3538	0.2585	0.1816	0.0271	0.5993
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.2857	0.0189	0.6942
susy	0.7148	0.2769	0.7125	0.4400	0.8128
susy1%	0.7790	0.2210	0.7804	0.5465	0.6622
susy10%	0.7082	0.2910	0.7240	0.4303	0.8101
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5333	0.3000	0.5691
telco-churn	0.8594	0.1406	0.8121	0.6194	0.5768
texture	0.9800	0.0036	0.9810	0.9779	0.0290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.9836	0.0164	0.9832	0.9663	0.1157
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7517	0.2483	0.4291	-0.0015	0.4242
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8273	0.1727	0.8016	0.5483	0.4541
tourist	0.6250	0.1250	0.2626	0.4146	0.1409
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5481	0.0924	0.8701
trec11-wc	0.5122	0.1084	0.5423	0.3953	0.3428
trec12-wc	0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc	0.7576	0.0808	0.4120	0.2884	0.1627
trec23-wc	0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc	0.6882	0.0891	0.4645	0.5574	0.2748
trec41-wc	0.5000	0.1000	0.2973	0.3278	0.2813
trec45-wc	0.2899	0.1420	0.2311	0.0835	0.3378
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.6500	0.1750	0.6336	0.5333	0.3310
tvnews	0.9437	0.0563	0.9391	0.8768	0.2763
tvnews1%	0.8846	0.1154	0.8748	0.7468	0.4714
tvnews10%	0.8782	0.1218	0.8686	0.7371	0.5071
ur3_cobotops_grip	0.9728	0.0272	0.7282	0.4002	0.3848
ur3_cobotops_stop	0.9687	0.0313	0.7223	0.3966	0.4197
urban	0.7910	0.0464	0.7837	0.7541	0.1642
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
url-rep1%	0.7406	0.2642	0.7038	0.2588	0.4866
ustilago	0.9096	0.0735	0.5535	0.0473	0.2345
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7381	0.1310	0.6843	0.6439	0.2936
vehicleVAN	0.9643	0.0357	0.9565	0.9091	0.2605
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9070	0.0930	0.9145	0.8147	0.3064
vowel	0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17	0.9157	0.0843	0.6635	0.1789	0.3699
wap-wc	0.4103	0.0590	0.2825	0.3388	0.3515
warpar10p	0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.9394	0.0162	0.9323	0.9270	0.0899
watch-acc1%	0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%	0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr	0.9131	0.0248	0.9122	0.8985	0.1355
watch-gyr1%	0.7489	0.0717	0.7455	0.7066	0.3158
watch-gyr10%	0.8311	0.0483	0.8300	0.8027	0.2263
water_pollution	0.2067	0.3967	0.1944	-0.0575	0.8601
waveform	0.8380	0.1080	0.8387	0.7570	0.3690
weather-related	0.9731	0.0049	0.9756	0.9695	0.0372
web-phishing	0.8074	0.1284	0.6984	0.6569	0.4950
Weekly	0.9444	0.0556	0.9437	0.8875	0.2893
weight-lift	0.9934	0.0027	0.9931	0.9916	0.0203
white-clover	0.5000	0.2500	0.1667	-0.2857	0.3909
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9689	0.0311	0.8324	0.6645	0.4687
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white	0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg	0.9716	0.0030	0.9936	0.9935	0.0344
winnipeg10%	0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5203	0.0959	0.3652	0.3817	0.4195
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495
zip	0.9591	0.0082	0.9546	0.9542	0.0668

Table 336: Detailed results for K*

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1487	0.0587	0.1162	0.0741	0.6327
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9684	0.0316	0.6381	0.2682	0.5610
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.8598	0.1402	0.4623	0.0000	0.2812
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.8492	0.1508	0.5066	0.0132	0.7200
AID_1878	0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.7500	0.2500	0.5180	0.0357	0.7748
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9907	0.0093	0.7985	0.4965	0.0365
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.7143	0.2857	0.4167	-0.1667	0.7987
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID688red	0.9842	0.0158	0.4960	-0.0078	0.5618
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
aids	0.7793	0.2207	0.6601	0.2968	0.7430
air_pollution	0.2267	0.2210	0.1348	-0.0014	0.9020
alcohol	0.8762	0.0495	0.7629	0.7149	0.1529
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6512	0.3488	0.6041	0.2060	0.8949
anneal	0.8989	0.0404	0.8298	0.7872	0.2270
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8234	0.0883	0.6737	0.6246	0.2565
anuran-genus	0.7816	0.0546	0.5368	0.5827	0.2671
anuran-species	0.7569	0.0486	0.6842	0.6583	0.2550
anxiety	0.1667	0.1852	0.1692	0.0623	0.7837
apple-quality	0.8525	0.1475	0.8526	0.7050	0.5539
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1470	0.0065	0.0000	0.2740
auction	0.9559	0.0441	0.8950	0.7839	0.3041
audiology	0.6087	0.0326	0.2134	0.5420	0.0952
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9857	0.0143	0.9825	0.9645	0.1355
autism-child	0.8621	0.1379	0.8660	0.7251	0.5039
autos	0.9000	0.0333	0.7230	0.8676	0.0699
avila	0.4523	0.0913	0.2459	0.0965	0.3320
babies	0.3468	0.1866	0.1696	0.0199	0.5684
balance	0.8387	0.1075	0.5927	0.7073	0.4530
bank	0.8874	0.1126	0.6761	0.3411	0.6548
banknote	0.9927	0.0073	0.9927	0.9852	0.0564

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.7903	0.2097	0.7675	0.5311	0.6918
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.7143	0.2857	0.6886	0.3226	0.7018
biomed	0.8571	0.1429	0.8467	0.6897	0.5386
bitcoin1%	0.8481	0.0105	0.0669	0.0238	0.3367
bitcoin10%	0.9858	0.0026	0.1471	0.0364	0.1153
body-perf	0.5866	0.2067	0.5952	0.4488	0.5544
brain-tumor	0.5020	0.4980	0.5020	0.0040	0.9989
breast-cancer	0.6786	0.3214	0.5913	0.1818	0.8787
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.4000	0.1714	0.2078	0.2308	0.2988
cad	0.7667	0.2333	0.7008	0.3860	0.7398
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4190	0.3873	0.3232	-0.0122	0.8116
car	0.9138	0.0431	0.8878	0.8293	0.2656
car-insurance	0.8020	0.1980	0.7686	0.5372	0.6945
card	0.6957	0.3043	0.6840	0.3664	0.8307
cardiotocography	0.7418	0.0516	0.7258	0.6910	0.3039
cardiotocography-nsp	0.9155	0.0563	0.8255	0.7637	0.2605
cardiovascular	0.7247	0.2753	0.7270	0.4493	0.7752
cargo2k	0.8680	0.0880	0.8766	0.8026	0.2306
cars	0.7500	0.1667	0.7036	0.5444	0.5381
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7738	0.2262	0.7734	0.5464	0.7109
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.6227	0.3773	0.6762	0.2765	0.6951
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7880	0.2120	0.7862	0.5716	0.6853
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.6390	0.3610	0.6903	0.3060	0.6828
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9573	0.0427	0.7429	0.4856	0.5671
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9306	0.0694	0.5849	0.1676	0.6455
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.8837	0.1163	0.4691	-0.0386	0.6787
children-anemia	0.7778	0.1111	0.7233	0.6677	0.3421
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.0008	0.9992	0.0008	0.0000	0.0023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
chronic-kidney	0.9096	0.0904	0.5961	0.1694	0.6430
churn	0.8020	0.1980	0.6533	0.2923	0.7453
churn-bigml	0.8464	0.1536	0.6333	0.2487	0.7084
ci900367j_MACCS	0.6842	0.3158	0.6812	0.3569	0.8248
circles	0.9980	0.0000	0.9982	0.9980	0.0011
cirrhosis	0.6429	0.2381	0.4326	0.3000	0.4789
cjs	0.9679	0.0107	0.9672	0.9608	0.0544
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7324	0.1338	0.5322	0.5827	0.5353
climate	0.8519	0.1481	0.4600	-0.0800	0.6858
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4898	0.3401	0.4681	0.2090	0.7503
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.9225	0.0141	0.8112	0.9060	0.1853
coil20	0.0972	0.0903	0.0689	0.0511	0.3898
college	0.8831	0.1169	0.8507	0.7009	0.5266
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6207	0.3793	0.5271	0.0478	0.9158
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.5517	0.4483	0.4686	-0.0386	0.8907
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6	0.5862	0.4138	0.5846	0.1675	0.9370
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8387	0.1613	0.8114	0.6210	0.6099
column-3c	0.6452	0.2366	0.5862	0.4373	0.4888
cottonmeloidogyne	0.6226	0.3774	0.6293	0.2426	0.8658
coupon	0.6554	0.3446	0.6510	0.3017	0.8741
covtype10%	0.8706	0.0370	0.7768	0.7910	0.2884
covtypeCD	0.9906	0.0094	0.9799	0.9598	0.1154
covtypeT	0.9870	0.0130	0.9494	0.8987	0.2167
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans10%	0.9989	0.0011	0.8234	0.5710	0.0057
crowdsourced	0.9705	0.0098	0.9125	0.9401	0.1385
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5625	0.0219	0.4066	0.5497	0.0574
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1267	0.2911	0.1276	-0.0482	0.9136
cyclopentane	0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1010	0.1798	0.1009	0.0011	0.9296
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7430	0.2570	0.6106	0.2203	0.8247
defect	0.8488	0.1512	0.7216	0.4431	0.6918
dementia	0.9200	0.0800	0.9249	0.8387	0.2720
deposit	0.8825	0.1175	0.6571	0.2916	0.6498
depressed	0.7902	0.2098	0.5531	0.0991	0.7998
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.3750	0.4167	0.5667	0.0698	0.3773
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.8500	0.1500	0.7958	0.5909	0.6242
diabetes	0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-risk	0.8933	0.1067	0.8252	0.6272	0.4436

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9667	0.0167	0.9733	0.9540	0.0626
diamonds_all	0.6542	0.1383	0.5895	0.5045	0.4376
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5214	0.4786	0.5184	0.0367	0.9878
dropout	0.5553	0.2965	0.4571	0.1964	0.6674
drug-01	0.2713	0.2082	0.1629	0.0035	0.8946
drug-02	0.3670	0.1809	0.1853	0.0675	0.8573
drug-03	0.5532	0.1277	0.2326	0.0696	0.6257
drug-04	0.3883	0.1748	0.1867	0.0936	0.8666
drug-05	0.6011	0.1140	0.1348	-0.0051	0.6847
drug-06	0.3191	0.1945	0.2381	0.1754	0.7500
drug-07	0.3564	0.1839	0.1359	0.0154	0.6160
drug-08	0.3883	0.1748	0.2358	0.0952	0.8058
drug-09	0.7606	0.0684	0.1261	0.0532	0.6122
drug-10	0.4415	0.1596	0.2272	0.1463	0.7593
drug-11	0.7660	0.0669	0.1840	0.0898	0.7423
drug-12	0.6330	0.1049	0.1676	0.0170	0.7526
drug-13	0.5053	0.1413	0.2169	0.2190	0.8037
drug-14	0.4362	0.1611	0.1932	0.1432	0.7538
drug-15	0.6436	0.1018	0.1756	0.1399	0.8310
drug-16	0.4309	0.1626	0.2110	0.1791	0.6740
drug-17	0.1915	0.2310	0.1252	-0.0123	0.8882
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6170	0.1094	0.1586	0.0835	0.6673
drybean	0.8156	0.0527	0.8178	0.7768	0.2525
ecoli	0.7941	0.0515	0.4768	0.7139	0.1725
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8182	0.1818	0.5816	0.1538	0.6675
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2100	0.3950	0.2046	-0.0510	0.8753
eeg-eye	0.9793	0.0207	0.9791	0.9582	0.1358
eeg10%	0.2318	0.0960	0.2336	0.1428	0.7116
eucalyptus	0.4247	0.2301	0.4198	0.2712	0.6008
euthyroid	0.9272	0.0728	0.7856	0.5701	0.5579
exon.vs.intron-freq10%	0.7905	0.2095	0.8192	0.5885	0.4952
fakenews	0.5025	0.4975	0.5024	0.0049	0.9986
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5294	0.4706	0.5212	0.0423	0.9836
financial-risk	0.5860	0.1380	0.3380	0.3220	0.5924
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2000	0.0417	0.0000	0.3383
forest	0.6731	0.1635	0.6742	0.5494	0.4259
gas	0.9964	0.0012	0.9967	0.9956	0.0101
gastrointestinal	0.5625	0.2917	0.4488	0.1450	0.3546
gender	0.5537	0.2975	0.4084	0.0835	0.7212
gene	0.7382	0.1746	0.7316	0.5904	0.5167
german	0.6400	0.3600	0.5688	0.1283	0.8998
gestures	0.4700	0.2650	0.5272	0.2937	0.5367

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gina	0.4957	0.5043	0.6029	0.0111	0.5292
glass	0.7619	0.0794	0.8518	0.6759	0.2249
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.8478	0.6441	0.5283
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.7500	0.2500	0.7440	0.4878	0.7547
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.7333	0.1333	0.7623	0.6429	0.2994
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.5667	0.4333	0.4227	-0.1538	0.9464
hapt	0.5050	0.0825	0.3088	0.4226	0.1866
har	0.9969	0.0012	0.9967	0.9961	0.0084
har701%	0.6801	0.0914	0.3991	0.4916	0.4393
har7010%	0.8972	0.0294	0.6473	0.8506	0.1547
harth1%	0.8284	0.0286	0.5499	0.7640	0.2102
hayes-roth	0.6250	0.2500	0.6645	0.3962	0.3675
hcc-survival	0.6471	0.3529	0.6223	0.2031	0.8037
health-activity	0.6300	0.1850	0.2267	-0.0341	0.5538
heart	0.8889	0.1111	0.8877	0.7731	0.4662
heart-attack	0.7742	0.2258	0.7815	0.5526	0.6797
heart-c	0.7333	0.2667	0.7692	0.4444	0.4644
heart-failure	0.9860	0.0140	0.9838	0.9671	0.0670
heart-quantum	0.9000	0.1000	0.8970	0.7934	0.4416
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.7546	0.2454	0.7546	0.5091	0.7428
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.5018	0.4982	0.4922	-0.0151	0.9947
higher	0.2143	0.1964	0.1432	0.0778	0.3854
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.7812	0.2188	0.7801	0.5591	0.6962
hiv1-proteasa	0.8685	0.1315	0.7566	0.5115	0.6405
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6111	0.2593	0.5140	0.2841	0.6058
hotel-reservartions	0.8738	0.1262	0.8549	0.7091	0.5259
hr	0.7544	0.2456	0.4801	-0.0397	0.7900
ht-sensor10%	0.9995	0.0004	0.9995	0.9992	0.0031
htru2	0.9587	0.0413	0.8633	0.7047	0.2630
hypothyroid	0.9390	0.0305	0.5893	0.5991	0.3184
hypothyroidT	0.9629	0.0371	0.8547	0.6894	0.2910
ilpd	0.6780	0.3220	0.6559	0.3007	0.8123
immuno-therapy	0.6667	0.3333	0.5950	0.1818	0.8134
instagram	0.9580	0.0210	0.9585	0.9440	0.0826
ionosphere	0.8286	0.1714	0.7932	0.5588	0.5565
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9600	0.0400	0.9613	0.9196	0.1967
isolet	0.0488	0.0732	0.0768	0.0107	0.4165
jm1	0.7539	0.2461	0.5668	0.1310	0.8281
jvowels	0.5492	0.1002	0.5326	0.4848	0.5144
kc1	0.8009	0.1991	0.5830	0.1630	0.7843

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.2857	0.0595	0.0256	0.1250	0.1878
kc1-class-level-top5percentDF	0.6000	0.4000	0.6617	0.1509	0.3113
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.7563	0.1625	0.7114	0.6076	0.4730
kidney	0.6641	0.1344	0.2053	-0.0042	0.7968
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.8114	0.0210	0.8060	0.7887	0.2127
krvskp	0.9248	0.0752	0.9247	0.8493	0.3565
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.4706	0.0265	0.2779	0.4501	0.1309
led24	0.5000	0.1000	0.4533	0.4350	0.2323
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9575	0.0033	0.9568	0.9558	0.0499
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.6389	0.0481	0.6842	0.6116	0.1390
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.5294	0.4706	0.5093	0.0181	0.9312
loan	0.9297	0.0703	0.9249	0.8493	0.3432
localization10%	0.6790	0.0584	0.4238	0.5895	0.4790
lrs	0.8679	0.0377	0.6461	0.8165	0.0989
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.6667	0.3333	0.6582	0.3077	0.8482
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7201	0.2799	0.6725	0.3141	0.7618
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7917	0.2083	0.7930	0.5839	0.6742
marketing	0.8661	0.1339	0.6941	0.3725	0.6563
maternal	0.8317	0.1122	0.8353	0.7451	0.3738
math	0.7250	0.1375	0.5740	0.5825	0.4387
mba	0.7903	0.1398	0.3859	0.1616	0.5623
mental-disorders	0.7500	0.1250	0.7819	0.6667	0.2396
mental-health	0.2133	0.3147	0.2147	0.0156	0.8644
messidor	0.5478	0.4522	0.5400	0.0800	0.9697
meter-A	0.7500	0.2500	0.7333	0.4667	0.7630
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6667	0.1667	0.5851	0.5135	0.2725
meter-D	0.8333	0.0833	0.8282	0.7652	0.2014
mfeat-fac	0.9550	0.0090	0.9565	0.9500	0.0457
mfeat-fou	0.7800	0.0440	0.7866	0.7556	0.1450
mfeat-kar	0.9350	0.0130	0.9380	0.9278	0.0727
mfeat-mor	0.5750	0.0850	0.5846	0.5278	0.3197
mfeat-pix	0.9750	0.0050	0.9757	0.9722	0.0315
mfeat-zer	0.7700	0.0460	0.7755	0.7444	0.1616
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5876	0.4843	0.4122
mobile	0.6853	0.0112	0.7374	0.6796	0.1254
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8689	0.1311	0.8524	0.7028	0.5263
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3567	0.1170	0.3933	0.2320	0.6401
musk	0.8985	0.1015	0.8372	0.6617	0.5631
MUT_ci300400a_cdk_ESTATE	0.7962	0.2038	0.7884	0.5721	0.6646
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_rdkit_descriptors	0.8283	0.1717	0.8239	0.6475	0.6121
myocardial	0.7882	0.0529	0.1372	0.0609	0.7122
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.8702	0.0137	0.4698	0.5500	0.0953
neo	0.9128	0.0872	0.6817	0.2218	0.3687
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5777	0.4223	0.5794	0.1579	0.9419
NHANES_age_prediction	0.8458	0.1542	0.6601	0.0459	0.3000
NPHA-doctor-visits	0.3750	0.4167	0.2785	-0.0697	0.8568
nursery	0.9722	0.0111	0.7503	0.9592	0.0715
obesity	0.8863	0.0325	0.8815	0.8672	0.1485
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9922	0.0078	0.9890	0.9780	0.0684
Occupancy_Estimation	0.9882	0.0059	0.9550	0.9639	0.0482
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.9123	0.0195	0.9058	0.8891	0.0544
opn310k10%	0.7407	0.2593	0.5835	0.1300	0.5732
optdigits	0.9751	0.0050	0.9769	0.9723	0.0363
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.3250	0.0338	0.3125	0.3077	0.2698
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9605	0.0395	0.5970	0.1516	0.5272
ozone8hr	0.8933	0.1067	0.5100	0.0181	0.7023
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
page-blocks	0.9616	0.0154	0.6651	0.7451	0.0818
parkinson	0.7833	0.2167	0.7729	0.5370	0.6790
parkinsons	0.6540	0.3460	0.6249	0.2487	0.8866
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle10%	0.8908	0.1092	0.8624	0.7240	0.4970
pasture	0.7500	0.1667	0.8333	0.6364	0.1981
pc1	0.9009	0.0991	0.6073	0.2138	0.6764
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.8365	0.6562	0.5717
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9900	0.0020	0.9902	0.9889	0.0162

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.3333	0.6667	0.3415	-0.2857	0.9644
persistency	0.7347	0.2653	0.7084	0.4102	0.7772
pet-adoption	0.7550	0.2450	0.7241	0.4481	0.7657
phishing	0.9755	0.0245	0.9743	0.9486	0.1605
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.7427	0.0735	0.7264	0.6993	0.2886
phone-gyr0.1%	0.6920	0.0880	0.6782	0.6394	0.3536
phoneme	0.7741	0.2259	0.7053	0.2782	0.4826
phy	0.6278	0.3722	0.6278	0.2556	0.9029
pima	0.6842	0.3158	0.6565	0.2985	0.8279
pirvision	0.9935	0.0044	0.9799	0.9792	0.0169
placement	0.7600	0.2400	0.7529	0.5058	0.7398
plant-growth	0.7895	0.2105	0.7889	0.5778	0.6844
plrx	0.5000	0.5000	0.3333	-0.3279	0.9705
poker1%	0.4663	0.1067	0.1364	0.0542	0.6306
poker10%	0.4968	0.1258	0.2312	0.0935	0.7402
polish-1st	0.9275	0.0725	0.5175	0.0350	0.6175
polish-2nd	0.9292	0.0708	0.5201	0.0401	0.6271
polish-3rd	0.9257	0.0743	0.5284	0.0554	0.6552
polish-4th	0.9235	0.0765	0.5695	0.1366	0.6566
polish-5th	0.9205	0.0795	0.6513	0.2968	0.6392
polya	0.7265	0.2735	0.6985	0.3964	0.8023
popularity	0.5556	0.2963	0.4039	0.1323	0.7272
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc	0.5147	0.4853	0.5270	0.0294	0.8012
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.3030	0.0634	0.1833	0.2349	0.2551
profb	0.5821	0.4179	0.5688	0.1331	0.9000
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio10%	0.9728	0.0109	0.9659	0.9635	0.0604
pufs-641%	0.5075	0.4925	0.5075	0.0150	0.9957
pulsar	0.9800	0.0200	0.9389	0.8770	0.2249
raisin	0.7778	0.2222	0.7781	0.5556	0.7028
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9857	0.0143	0.9856	0.9711	0.0974
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5806	0.4194	0.5053	0.0055	0.8116
satimage	0.8958	0.0347	0.8833	0.8715	0.1665
satimageF	0.9922	0.0078	0.9797	0.9592	0.0802
satimageT	0.9331	0.0669	0.8123	0.6243	0.5322
scadi	0.5714	0.1224	0.3556	0.4474	0.1793
schiller	0.4444	0.5556	0.4696	-0.0465	0.7758
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9437	0.0161	0.9477	0.9342	0.0798
segmentation	0.7970	0.2030	0.7769	0.5534	0.6891
segmentO	0.9307	0.0693	0.8523	0.6574	0.1826
seismic	0.8721	0.1279	0.4943	-0.0114	0.6694
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8421	0.1579	0.5038	0.0052	0.7189

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-10-gram	0.8320	0.1680	0.5696	0.1316	0.7574
sens-2-gram	0.8105	0.1895	0.5924	0.1847	0.7558
sens-3-gram	0.8105	0.1895	0.5855	0.1709	0.7595
sens-4-gram	0.7447	0.2553	0.5047	0.0091	0.7582
sens-5-gram	0.7974	0.2026	0.5677	0.1353	0.7637
sens-6-gram	0.7947	0.2053	0.5657	0.1313	0.7634
sens-7-gram	0.7711	0.2289	0.5273	0.0543	0.7681
sens-8-gram	0.8211	0.1789	0.5487	0.0940	0.7727
sens-9-gram	0.7974	0.2026	0.5202	0.0400	0.7852
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8629	0.1371	0.6912	0.3565	0.6400
shuttle	0.9991	0.0002	0.8038	0.9976	0.0148
sick	0.9655	0.0345	0.8459	0.6799	0.3545
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9900	0.0100	0.9852	0.9700	0.1277
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.9040	0.0960	0.9046	0.8076	0.4106
smart-farming	0.3000	0.3500	0.3011	0.0691	0.8151
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.7942	0.2058	0.7758	0.5507	0.6901
soil_pollution	0.2100	0.3160	0.2101	0.0129	0.8715
solar-flare	0.7986	0.0671	0.7198	0.7431	0.2048
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9559	0.0046	0.9623	0.9516	0.0343
spam-detection	0.9350	0.0650	0.7700	0.4572	0.3054
spambase	0.8957	0.1043	0.8904	0.7806	0.4504
spect	0.6667	0.3333	0.5452	0.0899	0.8578
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.4808	0.0385	0.3614	0.4483	0.1936
splice-EI	0.8644	0.1356	0.8313	0.6589	0.5860
splice-IE	0.8297	0.1703	0.7756	0.5492	0.6700
sport-articles	0.7900	0.2100	0.7736	0.5470	0.6985
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	0.7419	0.2581	0.7222	0.4439	0.7755
steel_industry	0.8719	0.0854	0.8417	0.7918	0.2906
steel-b	0.7641	0.2359	0.5571	0.0954	0.7971
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9744	0.0256	0.9601	0.9191	0.1618
steel-o	0.6923	0.3077	0.6316	0.2336	0.8056
steel-p	0.9128	0.0872	0.5721	0.0815	0.5290
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.6317	0.2027	0.5648
stellar	0.9358	0.0428	0.9225	0.8857	0.2030
stock	0.8333	0.1667	0.6481	0.1955	0.5543
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8240	0.1760	0.8216	0.6414	0.6132
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5050	0.1980	0.3330	0.2073	0.5466
student-habits	0.2600	0.2960	0.2140	-0.0695	0.8155
student-weekend	0.2615	0.2954	0.1930	0.0000	0.8522
student-workday	0.6094	0.1562	0.1964	0.0566	0.6701
studentap	0.5385	0.3077	0.4136	0.2642	0.4572
susy1%	0.7122	0.2878	0.7091	0.4174	0.8054
tae	0.7333	0.1778	0.7623	0.6000	0.3433
telco-churn	0.8139	0.1861	0.7557	0.5105	0.6925
texture	0.9800	0.0036	0.9812	0.9779	0.0307
theorem	0.8740	0.1260	0.8713	0.7422	0.5091

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
thoracic	0.7234	0.2766	0.5376	0.0728	0.7679
Thyroid_Diff	0.8684	0.1316	0.8407	0.6303	0.3018
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.8750	0.0417	0.6222	0.8182	0.0398
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.5294	0.4706	0.4397	-0.1148	0.9926
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6400	0.3600	0.4765	-0.0465	0.9106
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.6750	0.1625	0.6716	0.5667	0.4520
tvnews1%	0.8308	0.1692	0.8167	0.6133	0.5469
tvnews10%	0.8458	0.1542	0.8322	0.6513	0.5332
ur3_cobotops_grip	0.9673	0.0327	0.6361	0.1894	0.4211
ur3_cobotops_stop	0.9660	0.0340	0.6741	0.1858	0.2583
urban	0.7463	0.0564	0.7039	0.7013	0.2334
urinalysis	0.9441	0.0559	0.6312	0.1817	0.4666
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7619	0.1190	0.7117	0.6759	0.2434
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.9535	0.0465	0.9535	0.9069	0.2525
vowel	0.1616	0.1524	0.2503	0.0778	0.3827
vowelZ	0.9091	0.0909	0.6194	0.1538	0.5090
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.2308	0.1538	0.1474	0.0972	0.3441
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.8348	0.0472	0.8328	0.8067	0.2039
watch-gyr1%	0.7714	0.0653	0.7659	0.7329	0.2790
water_pollution	0.2167	0.3917	0.2114	-0.0457	0.8819
waveform	0.6580	0.2280	0.6578	0.4869	0.5954
weather-related	0.8885	0.0203	0.8866	0.8733	0.1400
web-phishing	0.9185	0.0543	0.8680	0.8533	0.2591
Weekly	0.9074	0.0926	0.9095	0.8093	0.3427
white-clover	0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.1139	0.8861	0.5301	0.0071	0.1379
wine	0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red	0.6604	0.1132	0.3239	0.4559	0.4170
winequality-white	0.6401	0.1028	0.3595	0.4657	0.4931
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5338	0.0932	0.3812	0.4024	0.4702
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9662	0.0338	0.7787	0.5293	0.5593
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9392	0.0608	0.5817	0.1527	0.6285

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 337: Detailed results for KKNN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2014	0.0551	0.1114	0.1266	0.5335
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9828	0.0172	0.6574	0.2199	0.3556
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9726	0.0274	0.9416	0.8761	0.0941
adult	0.8423	0.1577	0.7682	0.5298	0.6366
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8889	0.0741	0.4663	0.1398	0.1423
AID1284Morered	0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9994	0.0006	0.9572	0.9140	0.2373
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red	0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red	0.9946	0.0054	0.7017	0.2368	0.1507
aids	0.8169	0.1831	0.7233	0.3785	0.5602
air_pollution	0.2067	0.2267	0.1227	0.0002	0.5154
air-booking	0.8436	0.1564	0.5700	0.0816	0.6193
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8381	0.0648	0.5552	0.6672	0.3157
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7581	0.2419	0.7251	0.4072	0.6634
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9833	0.0083	0.9425	0.9682	0.0520
anuran-genus	0.9791	0.0052	0.9388	0.9658	0.0760
anuran-species	0.9847	0.0031	0.9781	0.9788	0.0492
anxiety	0.1083	0.1981	0.0539	-0.0031	0.5549
apple-quality	0.9000	0.1000	0.9002	0.8000	0.4303
aps-failure	0.9912	0.0088	0.8599	0.7031	0.2405
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.2889	0.1094	0.1370	0.1423	0.3786
auction	0.9167	0.0833	0.7901	0.4802	0.2031
audiology	0.4783	0.0435	0.1562	0.4140	0.0720
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9429	0.0571	0.9278	0.8555	0.3348
autism-child	0.7241	0.2759	0.7497	0.4554	0.6605
autos	0.7000	0.1000	0.5992	0.6178	0.1773
avila	0.7254	0.0458	0.6666	0.6506	0.3336
babies	0.3145	0.1959	0.1368	-0.0133	0.4456
balance	0.8065	0.1290	0.8017	0.6953	0.2987
bank	0.9012	0.0988	0.6941	0.3349	0.5373
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8963	0.1037	0.8887	0.7641	0.3675
basehock	0.7889	0.2111	0.8073	0.5772	0.5565
bio	0.9979	0.0021	0.9386	0.8740	0.1252
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8857	0.1143	0.8823	0.7623	0.4811
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.8433	0.0108	0.0317	0.0295	0.1435
bitcoin10%	0.8582	0.0098	0.0320	0.0421	0.4026
body-perf	0.3828	0.3086	0.4625	0.1771	0.4717
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5005	0.4995	0.5004	0.0008	0.9992
breast-cancer	0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.7000	0.0857	0.3750	0.5714	0.0976
bub10at310k-hg16-17	0.9127	0.0873	0.6667	0.2916	0.5700
bub12at310k-hg16-17	0.9096	0.0904	0.6479	0.2507	0.5791
bub8at310k-hg16-17	0.9053	0.0947	0.6668	0.3220	0.6391
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4140	0.3907	0.3014	-0.0281	0.5595
car	0.9195	0.0402	0.9196	0.8367	0.2242
car-insurance	0.8210	0.1790	0.7884	0.5760	0.6561
card	0.8406	0.1594	0.8389	0.6616	0.5218
cardiotocography	0.5869	0.0826	0.5374	0.5115	0.4199
cardiotocography-nsp	0.8873	0.0751	0.7876	0.6484	0.3233
cardiovascular	0.6925	0.3075	0.6928	0.3850	0.8288
cargo2k	0.9721	0.0186	0.9733	0.9581	0.0757
cars	0.7000	0.2000	0.7248	0.5082	0.3234
cas_N6512_cdk_ECFP2	0.7665	0.2335	0.7656	0.5311	0.7241
cas_N6512_rdkit_ATOMPAIR	0.7662	0.2338	0.7643	0.5282	0.7246
cas_N6512_RDkit_AtomPair_FP	0.7531	0.2469	0.7510	0.5012	0.7451
cas_N6512_rdkit_AVALON	0.7880	0.2120	0.7868	0.5736	0.6877
cas_N6512_RDkit_Avalon_FP	0.8067	0.1933	0.8073	0.6132	0.6484
cas_N6512_rdkit_descriptors	0.7754	0.2246	0.7740	0.5481	0.7099
cas_N6512_rdkit_FEATMORGAN	0.7788	0.2212	0.7786	0.5566	0.7017
cas_N6512_RDkit_Featmorgan_FP	0.7929	0.2071	0.7924	0.5845	0.6777
cas_N6512_RDkit_FP	0.7945	0.2055	0.7940	0.5877	0.6747
cas_N6512_rdkit_LAYERED	0.7877	0.2123	0.7880	0.5749	0.6847
cas_N6512_RDkit_Layered_FP	0.7791	0.2209	0.7774	0.5542	0.7021

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.7822	0.2178	0.7816	0.5629	0.6971
cas_N6512_rdkit_MORGAN	0.7954	0.2046	0.7976	0.5917	0.6633
cas_N6512_RDkit_morgan_FP	0.8006	0.1994	0.8019	0.6015	0.6574
cas_N6512_rdkit_PATTERN	0.7754	0.2246	0.7743	0.5485	0.7097
cas_N6512_RDkit_pattern_FP	0.7853	0.2147	0.7852	0.5696	0.6903
cas_N6512_rdkit_RDKITFP	0.8065	0.1935	0.8063	0.6120	0.6516
cas_N6512_rdkit_TORSION	0.7662	0.2338	0.7656	0.5309	0.7240
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8368	0.1088	0.4183	0.2304	0.3744
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8031	0.1969	0.8076	0.5982	0.6247
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8209	0.6148	0.3141
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.6081	0.1352	0.4567
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9445	0.0555	0.6716	0.2527	0.4250
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.3805	0.3097	0.3685	0.1007	0.3635
chrom19	0.9997	0.0003	0.9167	0.8315	0.2254
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9992	0.0008	0.7946	0.5878	0.4445
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8380	0.1620	0.7178	0.4110	0.6442
churn-bigml	0.8614	0.1386	0.6717	0.0845	0.2804
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4659	0.3406	0.4071
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.6833	0.1583	0.5060	0.4745	0.3061
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.7500	0.1667	0.7856	0.5814	0.3402
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.3537	0.4308	0.5026	0.1351	0.4760
cnae-9	0.7963	0.0453	0.8158	0.7708	0.1534
codon_usage	0.9087	0.0166	0.7558	0.8900	0.2561
coil20	0.9792	0.0021	0.9804	0.9781	0.0152
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.2400	0.1013	0.1569	0.1743	0.3531
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7931	0.2069	0.7797	0.4663	0.3920
colposcopies-2	0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3	0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.6452	0.2366	0.5848	0.3732	0.4732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.9719	0.0187	0.7053	0.5252	0.2774
cottonmeloidogyne	0.6947	0.3053	0.7208	0.3866	0.6794
coupon	0.6696	0.3304	0.6591	0.3163	0.8604
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.9126	0.0250	0.7696	0.8608	0.2596
covtype10%	0.8093	0.0545	0.5832	0.6983	0.4178
covtypeCD	0.9901	0.0099	0.9790	0.9580	0.1348
covtypeT	0.9883	0.0117	0.9547	0.9093	0.2062
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9484	0.0172	0.8813	0.8967	0.1458
cryotherapy	0.8889	0.1111	0.8953	0.7692	0.3145
cultivars	0.0312	0.0484	0.0250	0.0060	0.1707
customer-churn	0.9798	0.0202	0.6494	0.2105	0.3800
cybersecurity	0.1800	0.2733	0.0910	0.0175	0.5420
cyclopentane	0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands	0.7963	0.2037	0.7931	0.5858	0.6749
darwin	0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1040	0.1792	0.0762	0.0033	0.6122
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8173	0.1827	0.6967	0.3603	0.6642
defect	0.8735	0.1265	0.7288	0.3260	0.3579
dementia	0.9400	0.0600	0.9429	0.8792	0.2289
deposit	0.8949	0.1051	0.6808	0.2990	0.5384
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9528	0.9324	0.0549
desharnais	0.5000	0.3333	0.4553	0.2381	0.3542
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.6527	0.4074	0.4900
DIA	0.9167	0.0833	0.8879	0.7500	0.2236
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k	0.9206	0.0794	0.6696	0.1351	0.2748
diabetes-risk	0.9074	0.0926	0.8537	0.7049	0.4798
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.4118	0.3922	0.3408	0.0365	0.5029
diabetic10%	0.4548	0.3635	0.3394	0.0590	0.5530
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9500	0.0250	0.9373	0.9303	0.0750
diamonds_all	0.4770	0.2092	0.4798	0.3075	0.4518
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.4167	0.5833	0.3803	-0.2353	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5413	0.4587	0.5371	0.0737	0.9738
dota210%	0.5417	0.4583	0.5364	0.0715	0.9706
drebin	0.9907	0.0093	0.9900	0.9800	0.0740
dropout	0.6388	0.2408	0.5451	0.3209	0.3844
drug-01	0.2128	0.2249	0.1287	-0.0101	0.5563
drug-02	0.4096	0.1687	0.1585	0.1267	0.5363
drug-03	0.4947	0.1444	0.1713	0.1224	0.3582
drug-04	0.3777	0.1778	0.1506	0.1166	0.5314

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.5160	0.1383	0.1403	0.0357	0.3494
drug-06	0.1383	0.2462	0.1679	0.0105	0.6278
drug-07	0.4309	0.1626	0.1274	0.0071	0.3085
drug-08	0.2819	0.2052	0.1641	0.0754	0.4661
drug-09	0.6915	0.0881	0.1468	0.0973	0.1994
drug-10	0.2394	0.2173	0.1921	0.0913	0.5045
drug-11	0.6170	0.1094	0.1584	0.0717	0.3206
drug-12	0.5372	0.1322	0.1423	0.0774	0.3096
drug-13	0.4096	0.1687	0.2389	0.2079	0.5205
drug-14	0.3298	0.1915	0.1904	0.1176	0.4880
drug-15	0.4681	0.1520	0.1612	0.1085	0.4692
drug-16	0.4415	0.1596	0.2318	0.2388	0.4630
drug-17	0.2713	0.2082	0.1064	-0.0001	0.5662
drug-18	0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19	0.5053	0.1413	0.1566	0.1259	0.3678
drybean	0.8758	0.0355	0.8727	0.8508	0.2089
ecoli	0.6176	0.0956	0.2526	0.4681	0.2174
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.1604	-0.0133	0.5854
eeg	0.2153	0.0981	0.2189	0.1468	0.6353
eeg-eye	0.9226	0.0774	0.9218	0.8436	0.3654
eeg10%	0.1777	0.1028	0.1390	0.1077	0.6329
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.3973	0.2411	0.4572	0.2705	0.4517
euthyroid	0.9557	0.0443	0.8639	0.7171	0.3404
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9467	0.0533	0.9479	0.8935	0.2613
fakenews	0.4850	0.5150	0.4846	-0.0307	1.0000
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.2073	0.0933	0.1276	0.1301	0.5015
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.4510	0.5490	0.4457	-0.1087	1.0000
financial-risk	0.5615	0.1462	0.2813	0.1836	0.3556
fishcatch	0.8125	0.0625	0.7652	0.7659	0.1041
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.2356	0.0100	0.0450	0.2167	0.8913
forest	0.7692	0.1154	0.7668	0.6743	0.2845
gas	0.9957	0.0014	0.9956	0.9948	0.0112
gastrointestinal	0.7500	0.1667	0.7639	0.6168	0.3812
gender	0.5368	0.3088	0.3598	0.1067	0.5366
gene	0.6845	0.2103	0.7625	0.5420	0.3741
german	0.7600	0.2400	0.7271	0.4015	0.6372
gestures	0.5719	0.2140	0.6263	0.4291	0.4480
gina	0.8444	0.1556	0.8564	0.6870	0.4593
gisette	0.9657	0.0343	0.9658	0.9314	0.1994
glass	0.7143	0.0952	0.5218	0.6000	0.1684
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8571	0.1429	0.8603	0.7131	0.5255
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2667	0.3667	0.1786	0.0000	0.5531
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.9478	0.0087	0.6406	0.9383	0.0540
har	0.9969	0.0012	0.9966	0.9961	0.0085
har70	0.8358	0.0469	0.5573	0.7703	0.3837
har701%	0.7535	0.0704	0.5391	0.6682	0.3856
har7010%	0.8116	0.0538	0.5416	0.7391	0.3925
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.7607	0.0399	0.4283	0.6810	0.2555
harth10%	0.7832	0.0361	0.5106	0.7104	0.2572
hayes-roth	0.6250	0.2500	0.6890	0.4000	0.3320
hcc-survival	0.7059	0.2941	0.7258	0.3200	0.4644
health-activity	0.6400	0.1800	0.3114	0.1896	0.3300
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9860	0.0140	0.9837	0.9672	0.0862
heart-quantum	0.8800	0.1200	0.8783	0.7541	0.4906
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8351	0.1649	0.8352	0.6703	0.5935
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6491	0.3509	0.6463	0.2871	0.8707
higgs1%	0.6665	0.3335	0.6639	0.3234	0.8539
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0714	0.2321	0.0500	-0.0282	0.4103
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.7812	0.2188	0.7801	0.5591	0.6962
hiv1-proteasa	0.8803	0.1197	0.7734	0.5421	0.6009
hiva	0.9598	0.0402	0.4897	-0.0084	0.4680
horse	0.5278	0.3148	0.3170	0.1053	0.4970
hotel-reservartions	0.8801	0.1199	0.8619	0.7227	0.5058
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	1.0000	0.0000	1.0000	1.0000	0.0001
ht-sensor10%	1.0000	0.0000	1.0000	1.0000	0.0000
htru2	0.9777	0.0223	0.9300	0.8571	0.2133
hypothyroid	0.9390	0.0305	0.5583	0.5365	0.1907
hypothyroidT	0.9523	0.0477	0.8080	0.5301	0.1339
ilpd	0.6102	0.3898	0.5331	0.0661	0.9159
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9687	0.0157	0.9690	0.9582	0.0653
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.5905	0.0315	0.5870	0.5741	0.2907
jm1	0.8173	0.1827	0.6531	0.2756	0.7015
jvowels	0.9869	0.0029	0.9863	0.9852	0.0239
kc1	0.8720	0.1280	0.7108	0.3665	0.5495
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.3571	0.0536	0.0260	0.0455	0.2704
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8269	0.1731	0.7038	0.3777	0.6558
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.9968	0.0003	0.4644	0.9945	0.0028
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.7144	0.1904	0.6835	0.4732	0.3881
kidney	0.5701	0.1720	0.1925	-0.0002	0.2971
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.4873	0.0570	0.4268	0.4353	0.4510
krvskp	0.9561	0.0439	0.9561	0.9119	0.2377
la1s-wc	0.2095	0.2635	0.1621	0.0516	0.4441
la2s-wc	0.2550	0.2483	0.3490	0.1074	0.4346
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.2059	0.0397	0.0897	0.1818	0.1311
led24	0.2000	0.1600	0.1528	0.0986	0.3453
lenses	0.3333	0.4444	0.2222	0.0000	0.3451
letter	0.8265	0.0133	0.8281	0.8195	0.1783
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.7778	0.0296	0.7944	0.7612	0.0966
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0207
liver	0.8529	0.1471	0.8366	0.6718	0.5829
loan	0.9110	0.0890	0.9046	0.8077	0.3961
localization	0.5793	0.0765	0.3928	0.4887	0.5204
localization10%	0.4794	0.0947	0.3422	0.3724	0.5498
lrs	0.7925	0.0415	0.3340	0.7186	0.1512
lung	0.8571	0.0571	0.6585	0.7407	0.1657
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.8500	0.0600	0.6960	0.6685	0.2181
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.6429	0.1786	0.5750	0.3913	0.2902
lymphoma2	0.7778	0.0494	0.4825	0.7143	0.1027
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.6077	0.3923	0.6090	0.2154	0.9145
magic04	0.8511	0.1489	0.8342	0.6531	0.5151
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8021	0.1979	0.8011	0.6021	0.6610
marketing	0.8750	0.1250	0.6962	0.3130	0.5126
maternal	0.8317	0.1122	0.8450	0.7414	0.2973
math	0.4500	0.2750	0.3070	0.0588	0.3378
mba	0.8339	0.1108	0.3755	0.0552	0.3092
mental-disorders	0.5833	0.2083	0.5385	0.4444	0.2915
mental-health	0.1967	0.3213	0.1655	0.0011	0.5736
messidor	0.6435	0.3565	0.6442	0.2861	0.8783
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.7582	0.6327	0.3068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-D	0.6667	0.1667	0.6824	0.5663	0.2242
mfeat-fac	0.9200	0.0160	0.9249	0.9111	0.0864
mfeat-fou	0.6000	0.0800	0.5895	0.5556	0.2599
mfeat-kar	0.8950	0.0210	0.8989	0.8833	0.1132
mfeat-mor	0.5250	0.0950	0.5004	0.4722	0.3018
mfeat-pix	0.9200	0.0160	0.9222	0.9111	0.0925
mfeat-zer	0.5750	0.0850	0.5615	0.5278	0.2965
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.1765	0.3294	0.0615	-0.0370	0.5060
mobile	0.2832	0.0256	0.2765	0.2702	0.3185
monks-1	0.9091	0.0909	0.9093	0.8180	0.4020
monks-2	0.8361	0.1639	0.8151	0.6285	0.6082
monks-3	0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.1411	0.1562	0.2668	0.0658	0.6008
musk	0.9545	0.0455	0.9089	0.8092	0.2456
MUT_ci300400a_cdk_ECFP2	0.8046	0.1954	0.7990	0.5979	0.6622
MUT_ci300400a_cdk_ECFP4	0.8024	0.1976	0.7967	0.5934	0.6664
MUT_ci300400a_cdk_ECFP6	0.7880	0.2120	0.7819	0.5638	0.6926
MUT_ci300400a_cdk_ESTATE	0.7758	0.2242	0.7674	0.5334	0.7111
MUT_ci300400a_cdk_EXTENDED	0.8477	0.1523	0.8438	0.6875	0.5724
MUT_ci300400a_cdk_FCFP2	0.8252	0.1749	0.8194	0.6386	0.6201
MUT_ci300400a_cdk_FCFP4	0.7914	0.2086	0.7844	0.5685	0.6859
MUT_ci300400a_cdk_FCFP6	0.7998	0.2002	0.7970	0.5927	0.6669
MUT_ci300400a_cdk_MACCS	0.8333	0.1667	0.8277	0.6546	0.6007
MUT_ci300400a_cdk_PUBCHEM	0.8455	0.1545	0.8404	0.6802	0.5747
MUT_ci300400a_cdk_STANDARD	0.8311	0.1689	0.8256	0.6508	0.6072
MUT_ci300400a_rdkit_descriptors	0.8421	0.1579	0.8378	0.6747	0.5792
myocardial	0.7471	0.0632	0.1126	0.1841	0.3303
naticusdroid	0.9669	0.0331	0.9669	0.9339	0.1957
NCI60	0.1667	0.2778	0.1111	0.0000	0.2859
nci9	0.1667	0.1852	0.0741	0.0625	0.1905
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7678	0.0244	0.2393	0.5027	0.7419
ncRNA10%	0.8322	0.0177	0.3917	0.6160	0.7563
neo	0.9058	0.0942	0.6742	0.3229	0.6058
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6377	0.3623	0.6380	0.2754	0.8906
NHANES_age_prediction	0.9427	0.0573	0.8879	0.7726	0.3689
nomao	0.9588	0.0412	0.9493	0.8985	0.2553
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9475	0.0210	0.7077	0.9229	0.1059
obesity	0.7488	0.0718	0.7484	0.7062	0.2415
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9951	0.0049	0.9932	0.9864	0.0616
Occupancy_Estimation	0.9911	0.0044	0.9713	0.9730	0.0488
oh0-wc	0.1188	0.1762	0.1134	-0.0022	0.4638
oh10-wc	0.0762	0.1848	0.0266	-0.0628	0.5031
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.1319	0.1736	0.0481	0.0272	0.4357
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9298	0.0156	0.9215	0.9118	0.0396
opn310k	0.8934	0.1066	0.6784	0.3569	0.6679
opn310k10%	0.8932	0.1068	0.6791	0.3580	0.6668

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opnat310k-hg16-17	0.8965	0.1035	0.6826	0.3651	0.6635
optdigits	0.9324	0.0135	0.9340	0.9248	0.0963
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9000	0.0050	0.8743	0.8974	0.0168
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.7983	0.5967	0.6509
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9068	0.8099	0.4016
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9543	0.0183	0.7138	0.7578	0.3372
parkinson	0.9250	0.0750	0.9222	0.8443	0.3588
parkinsons	0.7299	0.2701	0.7066	0.4104	0.7904
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.9049	0.0951	0.8842	0.7679	0.4684
particle10%	0.8954	0.1046	0.8712	0.7423	0.4943
pasture	0.5000	0.3333	0.5000	0.2727	0.3214
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5876	0.4124	0.5610	0.0183	0.5813
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9737	0.0263	0.9649	0.9298	0.1980
pediatric-leukemia	0.3529	0.1849	0.2575	0.2200	0.4148
pendigits	0.9891	0.0022	0.9889	0.9879	0.0191
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7347	0.2653	0.7086	0.3761	0.7003
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8400	0.1600	0.8148	0.6267	0.6004
phishing	0.9796	0.0204	0.9786	0.9571	0.1355
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.9924	0.0076	0.9922	0.9844	0.0585
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.6309	0.1054	0.6419	0.5674	0.3263
phone-acc1%	0.7298	0.0772	0.7361	0.6834	0.2598
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.6138	0.1103	0.6229	0.5469	0.3456
phone-gyr1%	0.7365	0.0753	0.7420	0.6908	0.2630
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.9185	0.0815	0.8977	0.7937	0.3953
phy	0.6908	0.3092	0.6908	0.3816	0.8328
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9967	0.0022	0.9939	0.9897	0.0395
placement	0.7930	0.2070	0.7866	0.5730	0.6827
plant-growth	0.7895	0.2105	0.7978	0.5824	0.6422
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4615	0.1077	0.1000	0.0292	0.2866
poker10%	0.4901	0.1020	0.2096	0.0785	0.3245
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6383	0.1795	0.4497
polya	0.7903	0.2097	0.7688	0.5368	0.7002
popularity	0.6489	0.2340	0.4031	0.1909	0.4811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
post-operative	0.7778	0.1481	0.5045	0.4000	0.2005
postures	0.9759	0.0096	0.9759	0.9699	0.0567
pred-tox_mutagen_ref-desc	0.7794	0.2206	0.7855	0.5588	0.6639
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.0909	0.0826	0.0852	0.0553	0.2805
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7313	0.2687	0.6689	0.2923	0.7269
promoters	0.8000	0.2000	0.8333	0.6154	0.4644
prostate	0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9911	0.0036	0.9853	0.9880	0.0291
puc-rio10%	0.9807	0.0077	0.9692	0.9741	0.0507
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4910	0.5090	0.4910	-0.0180	1.0000
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5067	0.4933	0.5067	0.0134	0.9957
pufs-6410%	0.4996	0.5004	0.4996	-0.0008	1.0000
pulsar	0.9808	0.0192	0.9407	0.8785	0.1663
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.3600	0.0985	0.2687	0.2471	0.4761
re1-wc	0.2229	0.0622	0.0923	0.1576	0.4716
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9846	0.0154	0.9845	0.9689	0.1069
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6401	0.3599	0.6274	0.2548	0.8941
RT_IOT2022	0.9976	0.0004	0.9522	0.9939	0.0195
satimage	0.8616	0.0461	0.8373	0.8303	0.2144
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9425	0.0575	0.8365	0.6722	0.4843
scadi	0.7143	0.0816	0.4714	0.6316	0.1263
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5882	0.4118	0.5908	0.1765	0.9230
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9492	0.9342	0.0720
segmentation	0.8564	0.1436	0.8452	0.6900	0.5660
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-2-gram	0.8684	0.1316	0.6295	0.2097	0.6277
sens-3-gram	0.8711	0.1289	0.6186	0.1348	0.5175
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.8585	0.0257	0.8635	0.8443	0.1528
sepsis	0.9094	0.0906	0.6567	0.0015	0.2086
shoppers	0.8792	0.1208	0.7254	0.3769	0.4824

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shuttle	0.9984	0.0004	0.7666	0.9956	0.1341
sick	0.9523	0.0477	0.7708	0.5038	0.4060
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9998	0.0002	0.9998	0.9995	0.0044
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.8880	0.1120	0.8908	0.7752	0.4315
smart-farming	0.3000	0.3500	0.1965	0.0541	0.5538
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.8134	0.1866	0.7984	0.5968	0.6552
soil_pollution	0.2200	0.3120	0.1767	0.0236	0.5627
solar-flare	0.6763	0.1079	0.5259	0.5860	0.2043
sonar	0.7000	0.3000	0.7185	0.4000	0.7215
soybean	0.9412	0.0062	0.9618	0.9355	0.0388
spam-detection	0.9525	0.0475	0.8493	0.6956	0.4301
spambase	0.9152	0.0848	0.9109	0.8212	0.3865
spect	0.7037	0.2963	0.6649	0.3077	0.7542
spectf	0.8857	0.1143	0.8600	0.7200	0.5179
spectrometer	0.0943	0.0377	0.0278	0.0507	0.2797
splice-EI	0.9054	0.0946	0.8809	0.7592	0.4825
splice-IE	0.9180	0.0820	0.8846	0.7687	0.4355
sport-articles	0.8600	0.1400	0.8478	0.6928	0.5387
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.2500	0.0000	0.2500
startup	0.8710	0.1290	0.8583	0.7019	0.4549
steel_industry	0.8719	0.0854	0.8447	0.7930	0.2774
steel-b	0.8564	0.1436	0.7764	0.5516	0.6352
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8256	0.1744	0.8028	0.5969	0.6075
steel-p	0.9385	0.0615	0.7598	0.3796	0.1604
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.9692	0.0308	0.9286	0.8467	0.3920
stellar	0.8740	0.0840	0.8448	0.7775	0.3087
stock	0.8472	0.1528	0.6908	0.2929	0.5292
stockb	0.9956	0.0029	0.9956	0.9934	0.0158
streaming	0.8340	0.1660	0.8318	0.6617	0.5906
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4000	0.2400	0.3015	0.1935	0.4181
student-depression	0.7602	0.2398	0.7519	0.4812	0.6832
student-habits	0.3500	0.2600	0.1635	-0.0243	0.4688
student-weekend	0.1538	0.3385	0.0929	-0.0561	0.5028
student-workday	0.6719	0.1313	0.2620	0.2708	0.3165
studentap	0.4615	0.3590	0.4331	0.1250	0.3871
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7766	0.2234	0.7765	0.5429	0.6795
susy10%	0.7846	0.2154	0.7842	0.5598	0.6686
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.6116	0.3000	0.4739
telco-churn	0.8722	0.1278	0.8281	0.6457	0.5169
texture	0.9709	0.0053	0.9718	0.9679	0.0453
theorem	0.9525	0.0475	0.9518	0.9030	0.2612
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7524	0.2476	0.4294	0.0000	0.3989

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.7647	0.1176	0.7687	0.6866	0.2330
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.7059	0.2941	0.6670	0.3307	0.8305
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.5052	0.0099	0.8961
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.3636	0.2121	0.1081	0.0735	0.3051
trec23-wc	0.6190	0.1270	0.3325	0.3957	0.2613
trec31-wc	0.4516	0.1567	0.3688	0.3473	0.4379
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0407	0.0199	0.5056
tuandromd	0.9910	0.0090	0.9861	0.9722	0.0959
turkish	0.7500	0.1250	0.7739	0.6667	0.2843
tvnews	0.9458	0.0542	0.9416	0.8810	0.2595
tvnews1%	0.8615	0.1385	0.8553	0.6807	0.4006
tvnews10%	0.8782	0.1218	0.8683	0.7270	0.4539
ur3_cobotops_grip	0.9728	0.0272	0.7346	0.4321	0.4246
ur3_cobotops_stop	0.9714	0.0286	0.7607	0.4979	0.4336
urban	0.5672	0.0962	0.5087	0.5032	0.3156
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7262	0.1369	0.6819	0.6275	0.2911
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.9767	0.0233	0.9773	0.9535	0.1262
vowel	0.5051	0.0900	0.5375	0.4556	0.3176
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9184	0.0816	0.6805	0.2454	0.4080
wap-wc	0.0833	0.0917	0.1588	0.0545	0.4406
warpar10p	0.1538	0.1692	0.1297	0.0774	0.3189
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.7580	0.0691	0.7662	0.7176	0.2684
watch-acc10%	0.8471	0.0437	0.8506	0.8214	0.1954
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.6544	0.0987	0.6693	0.5971	0.3387
watch-gyr10%	0.7568	0.0695	0.7680	0.7164	0.2687
water_pollution	0.2667	0.3667	0.1763	0.0194	0.5714
waveform	0.6900	0.2067	0.7244	0.5335	0.4559
weather-related	0.9308	0.0126	0.9207	0.9217	0.1049
web-phishing	0.8667	0.0889	0.7914	0.7593	0.3456
Weekly	0.9630	0.0370	0.9627	0.9247	0.2012
weight-lift	0.9924	0.0031	0.9920	0.9903	0.0225
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	1.0000	0.0000	1.0000	1.0000	0.0000
wilt	0.9793	0.0207	0.8829	0.7620	0.3176
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5912	0.1363	0.2844	0.3442	0.3980
winequality-white	0.5072	0.1408	0.2565	0.2783	0.4270
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9932	0.0019	0.9806	0.9915	0.0259
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yale	0.5000	0.0667	0.3733	0.4599	0.1206
yeast	0.4257	0.1149	0.2551	0.2546	0.5009
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.9032	0.0194	0.8961	0.8915	0.1395

Table 338: Detailed results for KRR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1349	0.0824	0.0767	0.0634	0.5716
abalone19	0.6411	0.3589	0.6285	0.0247	0.0544
abalone9-18	0.5479	0.4521	0.6412	0.1068	0.2521
accelerometer	0.5342	0.4658	0.6141	0.0368	0.1006
accident	0.7500	0.2500	0.7513	0.5000	0.7429
ads	0.9543	0.0457	0.9124	0.8217	0.4034
adult	0.7267	0.2733	0.7520	0.4381	0.6167
advanced-iot	0.9947	0.0018	0.9947	0.9936	0.0111
AID_1431	0.4603	0.5397	0.5261	0.0230	0.4063
AID_1431_KlekotaRothFingerprinter	0.4206	0.5794	0.4275	-0.0614	0.4295
AID_1431_MACCSFingerprinter	0.4762	0.5238	0.3893	-0.1056	0.4559
AID_1878	0.6095	0.3905	0.5779	0.1291	0.7172
AID_602330	0.5156	0.4844	0.5047	0.0027	0.2476
AID_652128	0.4141	0.3906	0.3055	-0.0127	0.4125
AID1284Morered	0.6389	0.3611	0.5296	0.0488	0.6792
AID1284red	0.5556	0.4444	0.5542	0.0740	0.6007
AID1608Morered	0.5534	0.4466	0.6132	0.0992	0.3328
AID1608red	0.5243	0.4757	0.4587	-0.0311	0.3379
AID362red	0.5958	0.4042	0.5247	0.0066	0.1053
AID373AID439red	0.5335	0.4665	0.6054	0.0004	0.0010
AID373red	0.5282	0.4718	0.5770	0.0015	0.0070
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.5714	0.4286	0.6818	0.2222	0.4422
AID456red	0.5411	0.4589	0.4663	-0.0016	0.0250
AID604	0.5082	0.4918	0.5833	0.0056	0.0225
AID604AID644_AllRed	0.5104	0.4896	0.6023	0.0021	0.0059
AID644Morered	0.3500	0.6500	0.3122	-0.3542	0.9481
AID644red	0.6500	0.3500	0.6030	0.2045	0.8754
AID687AID721red	0.5203	0.4797	0.5050	0.0001	0.0052
AID687red	0.5107	0.4893	0.5265	0.0014	0.0223
AID688red	0.4983	0.5017	0.5512	0.0078	0.0595
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.5556	0.4444	0.5303	0.0526	0.7987
AID746AID1284red	0.5307	0.4693	0.6056	0.0023	0.0061
AID746red	0.5092	0.4908	0.5590	0.0062	0.0401
aids	0.7981	0.2019	0.7673	0.5188	0.6777
air_pollution	0.1400	0.2457	0.1206	-0.0225	0.8947
air-booking	0.6722	0.3278	0.6513	0.2390	0.6251
airline	0.8578	0.1422	0.8570	0.7128	0.5432
alcohol	0.6476	0.1410	0.3022	0.3681	0.6569
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7953	0.2047	0.8042	0.5868	0.6233
anneal	0.9101	0.0360	0.9185	0.8297	0.2362
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.5702	0.4298	0.6174	0.0214	0.0529
anuran-family	0.8818	0.0591	0.6358	0.7881	0.3953
anuran-genus	0.8846	0.0289	0.6346	0.8173	0.3686
anuran-species	0.9292	0.0142	0.7687	0.9009	0.0993
anxiety	0.0667	0.2074	0.0625	-0.0521	0.8408
apple-quality	0.7300	0.2700	0.7314	0.4600	0.7724
aps-failure	0.8333	0.1667	0.6809	0.1455	0.2337
arabidopsis0.1%	0.5059	0.4941	0.5411	0.0060	0.0590
arabidopsis1%	0.5121	0.4879	0.6006	0.0150	0.0465
arabidopsis10%	1.0000	0.0080	0.6706	0.0073	0.0321
arcene	0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.5333	0.0933	0.3299	0.3519	0.4681
auction	0.5490	0.4510	0.6579	0.1817	0.4417
audiology	0.9091	0.0165	0.8760	0.8929	0.0503
audit-risk	0.9487	0.0513	0.9465	0.8929	0.2780
autism-adolescent	0.6364	0.3636	0.7317	0.3529	0.5283
autism-adult	0.8714	0.1286	0.8740	0.7170	0.4566
autism-child	0.7931	0.2069	0.7967	0.5877	0.6595
autos	0.7500	0.1000	0.7273	0.6622	0.2187
avila	0.4557	0.0907	0.2160	0.3035	0.5773
babies	0.3468	0.1866	0.1798	0.1025	0.6372
balance	0.8871	0.0753	0.7127	0.7951	0.3773
bank	0.7820	0.2180	0.7528	0.4009	0.5217
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8894	0.1106	0.8797	0.7592	0.4770
basehock	0.8995	0.1005	0.8996	0.7990	0.4328
bio	0.9817	0.0061	0.7855	0.4686	0.0680
bio10%	0.5779	0.4221	0.6061	0.0204	0.0602
biodeg	0.8476	0.1524	0.8525	0.6917	0.5363
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9735	0.0013	0.0455	-0.0010	0.0503
bitcoin1%	0.1622	0.2394	0.2127	0.0066	0.0869
bitcoin10%	0.9808	0.0018	0.0337	-0.0041	0.0242
body-perf	0.5373	0.2313	0.5447	0.3831	0.4658
bookings	0.9895	0.0070	0.6619	0.9777	0.0453
brain-tumor	0.5090	0.4910	0.5090	0.0181	0.9947
breast-cancer	0.6786	0.3214	0.6816	0.3368	0.7643
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.7407	0.7800	0.0723
bridges	0.6000	0.1333	0.5285	0.4872	0.1526
bub10at310k-hg16-17	0.9218	0.0896	0.4732	0.0000	0.2096
bub8at310k-hg16-17	0.4889	0.5111	0.6258	0.1132	0.3481
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.3250	0.4500	0.3223	-0.0204	0.8028
car	0.6322	0.1839	0.3818	0.3933	0.4806
car-insurance	0.7930	0.2070	0.7988	0.5712	0.6253
card	0.8406	0.1594	0.8488	0.6834	0.5371
cardiotocography	0.7042	0.0592	0.5298	0.6426	0.2508
cardiotocography-nsp	0.7136	0.1909	0.6687	0.4572	0.5221
cardiovascular	0.6501	0.3499	0.6503	0.3001	0.8786
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6250	0.2500	0.5499	0.3915	0.5636
cas_N6512_cdk_ECFP2	0.7634	0.2366	0.7619	0.5237	0.7299
ccds1%	0.5577	0.4423	0.5169	0.0099	0.2421
ccds10%	0.5513	0.4487	0.6101	0.0662	0.2113
cdc_diabetes	0.8484	0.1035	0.4055	0.0725	0.2418
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.6873	0.3127	0.5947	0.0851	0.3170
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.5982	0.4018	0.6236	0.0965	0.2751
CDS49_AID687_Rdkit-ecfp4-fp	0.5372	0.4628	0.5092	0.0004	0.0193
census	0.9357	0.0549	0.6963	0.2755	0.3074
census10%	0.7189	0.2811	0.6823	0.2061	0.3742
central-nervous-system	0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B	0.9651	0.0349	0.9013	0.7817	0.4644
cervical-C	0.7674	0.2326	0.5608	0.0822	0.4664
cervical-H	0.8721	0.1279	0.7545	0.3752	0.4565

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-S	0.9070	0.0930	0.7833	0.5497	0.6033
children-anemia	0.7352	0.1324	0.5568	0.5932	0.2986
chrom19	0.9991	0.0010	0.4992	0.0000	0.0053
chrom191%	0.5121	0.4879	0.6027	0.0025	0.0069
chrom211%	0.5150	0.4850	0.6029	0.0017	0.0047
chrom2110%	0.5015	0.4985	0.6004	0.0005	0.0014
chronic-kidney	0.5422	0.4578	0.6101	0.1026	0.3647
churn	0.6420	0.3580	0.6621	0.2649	0.6727
churn-bigml	0.6704	0.3296	0.6929	0.2859	0.5543
ci900367j_MACCS	0.7263	0.2737	0.7295	0.4484	0.7584
cirrhosis	0.7619	0.1587	0.6580	0.5825	0.4950
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7778	0.1111	0.5517	0.6417	0.3422
climate	0.5741	0.4259	0.6578	0.1481	0.3195
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.7400	0.2600	0.6247	0.1975	0.5883
cmc	0.4966	0.3356	0.4866	0.2311	0.7393
cnae-9	0.9167	0.0185	0.9201	0.9062	0.0778
codon_usage	0.8173	0.0332	0.5271	0.7757	0.2200
coil20	0.9444	0.0056	0.9469	0.9415	0.0342
college	0.7922	0.2078	0.8066	0.5665	0.5766
collins	0.4000	0.0800	0.3377	0.3327	0.3293
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6552	0.3448	0.7088	0.3584	0.6899
colposcopies-2	0.5862	0.4138	0.5764	0.1512	0.9252
colposcopies-3	0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4	0.4483	0.5517	0.4677	-0.0545	0.8632
colposcopies-5	0.7586	0.2414	0.7208	0.3940	0.6550
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.6897	0.3103	0.5964	0.1920	0.8470
column-2c	0.8387	0.1613	0.8565	0.6737	0.4644
column-3c	0.6774	0.2151	0.6329	0.4951	0.5335
comedy_comparisons1%	0.5320	0.4680	0.5337	0.0669	0.9762
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7740	0.2260	0.7742	0.5482	0.7102
coupon	0.6648	0.3352	0.6671	0.3305	0.8512
covtype	0.7039	0.0848	0.4020	0.5082	0.3378
covtype10%	0.6757	0.0926	0.4414	0.4962	0.5162
covtypeCD	0.7212	0.2788	0.7365	0.3590	0.5135
covtypeT	0.6888	0.3112	0.6838	0.2095	0.3816
creditcard_trans10%	0.5973	0.4027	0.6165	0.0052	0.0124
crowdsourced	0.7041	0.0986	0.5119	0.5128	0.5649
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1875	0.0508	0.1098	0.1613	0.1870
customer-churn	0.5212	0.4788	0.6165	0.0413	0.1097
cybersecurity	0.1633	0.2789	0.1648	-0.0042	0.8848
cyclopentane	0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands	0.6111	0.3889	0.6047	0.2092	0.9180
darwin	0.7059	0.2941	0.7249	0.4218	0.7337
datatrieve	0.4615	0.5385	0.6270	0.0990	0.2820
dating	0.1014	0.1797	0.1009	0.0017	0.9230
day1%	0.9654	0.0492	0.9732	0.9358	0.1622
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.6033	0.3967	0.6274	0.2087	0.7143
defect	0.5864	0.4136	0.6621	0.2187	0.5410
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.7576	0.2424	0.7339	0.3645	0.5316

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
depressed	0.5245	0.4755	0.5500	0.0705	0.6506
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.5919	0.2889	0.5108
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
df_final	0.8125	0.1250	0.8452	0.7108	0.2409
diabetes	0.7885	0.2115	0.8253	0.5949	0.4773
diabetes-100k	0.6183	0.3817	0.6743	0.1897	0.3731
diabetes-risk	0.6831	0.3169	0.7201	0.3582	0.6067
diabetic	0.5104	0.3264	0.4346	0.1847	0.7639
diabetic1%	0.4216	0.3856	0.4258	0.1141	0.7492
diabetic10%	0.4548	0.3635	0.3917	0.1042	0.7896
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.5660	0.1736	0.4382	0.3905	0.6039
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6667	0.3333	0.6857	0.3514	0.7987
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.5116	0.4884	0.5917	0.0050	0.0174
dna1%	1.0000	0.0028	0.4975	0.0000	0.0130
dorothea	0.7739	0.2261	0.7222	0.3385	0.5190
dota2	0.5978	0.4022	0.5978	0.1953	0.9293
dota210%	0.5631	0.4369	0.5619	0.1238	0.9588
drebin	0.9561	0.0439	0.9545	0.9073	0.2530
dropout	0.7472	0.1685	0.6928	0.5922	0.4891
drug-01	0.2926	0.2021	0.1750	0.0709	0.7896
drug-02	0.4574	0.1550	0.3485	0.2570	0.5999
drug-03	0.4574	0.1809	0.2522	0.1603	0.6240
drug-04	0.3936	0.1733	0.2381	0.1737	0.7797
drug-05	0.3670	0.1809	0.1328	0.0228	0.7120
drug-06	0.4096	0.1687	0.3080	0.2548	0.5682
drug-07	0.3883	0.2039	0.2431	0.1225	0.7580
drug-08	0.4043	0.1702	0.2186	0.1622	0.6202
drug-09	0.4734	0.1755	0.2555	0.1285	0.3815
drug-10	0.5000	0.1429	0.2421	0.2401	0.6393
drug-11	0.4415	0.1596	0.1860	0.0892	0.3700
drug-12	0.4734	0.1755	0.2985	0.1659	0.6846
drug-13	0.5532	0.1277	0.1933	0.2942	0.5743
drug-14	0.5106	0.1398	0.2438	0.2910	0.4326
drug-15	0.5213	0.1368	0.2087	0.1635	0.6972
drug-16	0.5745	0.1418	0.4334	0.3904	0.4493
drug-17	0.2819	0.2052	0.1719	0.0789	0.7685
drug-18	0.5426	0.4574	0.6105	0.0123	0.0324
drug-19	0.4362	0.1611	0.2109	0.1474	0.4949
drybean	0.8905	0.0313	0.9132	0.8680	0.1574
ecoli	0.8824	0.0392	0.8909	0.8377	0.1481
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.6970	0.3030	0.7591	0.4211	0.5302
ecoliMU	0.5455	0.4545	0.5646	0.0678	0.4428
ecoliOM	0.7879	0.2121	0.7237	0.2936	0.4150
ecommerce	0.2700	0.3650	0.2697	0.0267	0.8309
eeg	0.3372	0.0828	0.3044	0.2712	0.6417
eeg-eye	0.5701	0.4299	0.5714	0.1418	0.9458
eeg10%	0.3198	0.0850	0.2650	0.2505	0.6063
eucalyptus	0.5890	0.1644	0.5559	0.4786	0.4549
euthyroid	0.5981	0.4019	0.6673	0.1879	0.4036
exon.vs.intron-freq	0.9014	0.1086	0.8886	0.7785	0.4273
exon.vs.intron-freq10%	0.8823	0.1177	0.8872	0.7658	0.4426

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
fakenews	0.5325	0.4675	0.5328	0.0654	0.9795
farm-ads	0.8865	0.1135	0.8859	0.7718	0.4707
fbis-wc	0.4837	0.0607	0.5048	0.4250	0.4877
fertility	0.2000	0.8000	0.1667	-0.2121	0.4673
finance	0.8824	0.1176	0.8815	0.7606	0.4688
financial-risk	0.6595	0.1135	0.4312	0.4623	0.2891
flags	0.4500	0.1571	0.4402	0.3353	0.3405
fonts10%	0.3375	0.0087	0.0484	0.2883	0.3871
forest	0.9231	0.0385	0.9177	0.8939	0.1282
gas	0.9619	0.0127	0.9596	0.9538	0.0813
gastrointestinal	0.8125	0.1250	0.8342	0.7091	0.2774
gender	0.5011	0.3326	0.4496	0.1700	0.7212
gene	0.8486	0.1009	0.8489	0.7658	0.3312
german	0.7000	0.3000	0.6896	0.3737	0.8093
gestures	0.3356	0.3322	0.3332	0.1143	0.8073
gina	0.8386	0.1614	0.8389	0.6767	0.5818
gisette	0.9214	0.0786	0.9214	0.8429	0.3667
glass	0.7143	0.0952	0.7636	0.6075	0.2201
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.6667	0.3333	0.7483	0.3951	0.5223
glassBWNFP	0.6667	0.3333	0.7042	0.3636	0.7218
glassContainers	0.8182	0.1818	0.7660	0.4211	0.5000
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.4545	0.5455	0.6140	0.0638	0.1906
glassVWFP	0.5238	0.4762	0.6316	0.0870	0.2192
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.6172	0.3787	0.3884
haberman	0.7000	0.3000	0.6316	0.2623	0.8380
hapt	0.9634	0.0061	0.8764	0.9567	0.0453
har	0.6967	0.1213	0.6916	0.6174	0.4487
har70	0.7535	0.0732	0.3850	0.6002	0.1857
har701%	0.6978	0.0863	0.4063	0.5513	0.3176
harth	0.6212	0.0643	0.2016	0.4242	0.2596
harth1%	0.6293	0.0618	0.1884	0.4764	0.2788
harth10%	0.6439	0.0585	0.2145	0.4806	0.2692
hayes-roth	0.3750	0.4167	0.3062	0.0698	0.6012
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.3300	0.3350	0.4123	0.0607	0.5534
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.7600	0.2400	0.7764	0.5164	0.6444
heart-quantum	0.8400	0.1600	0.8619	0.6875	0.4308
hepatitis	0.6667	0.3333	0.7359	0.3590	0.5170
hepmass1%	0.8366	0.1634	0.8366	0.6731	0.5905
hepmass10%	0.8403	0.1659	0.8452	0.6674	0.5923
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-9inputs	0.6154	0.3846	0.7174	0.3158	0.5170
higgs0.1%	0.6509	0.3491	0.6502	0.3002	0.8789
higgs1%	0.6341	0.3659	0.6322	0.2644	0.8973
higgs10%	0.6435	0.3619	0.6369	0.2676	0.8652
higher	0.1429	0.2143	0.1250	0.0175	0.4134
hinselmann	0.4000	0.6000	0.2857	-0.3636	0.7910
hitters	0.9062	0.0938	0.9070	0.8125	0.4080

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hiv1-proteasa	0.7487	0.2513	0.7629	0.4339	0.5457
hiva	0.5556	0.4444	0.5418	0.0231	0.2210
horse	0.5833	0.2778	0.5674	0.3086	0.6336
hotel-reservartions	0.7737	0.2263	0.7766	0.5332	0.6719
hr	0.5298	0.4702	0.5866	0.1074	0.5460
ht-sensor	0.5536	0.2979	0.5496	0.3281	0.6793
ht-sensor10%	0.5351	0.3099	0.5409	0.3076	0.6845
htru2	0.8246	0.1754	0.7631	0.4252	0.5203
hypothyroid	0.5889	0.2056	0.3841	0.1622	0.4481
hypothyroidT	0.5782	0.4218	0.6516	0.1469	0.3434
ilpd	0.5932	0.4068	0.6494	0.2460	0.7310
immuno-therapy	0.5556	0.4444	0.6897	0.2500	0.5000
instagram	0.8987	0.0507	0.9059	0.8649	0.1714
ionosphere	0.8571	0.1429	0.8309	0.6602	0.5698
iris	0.6667	0.2222	0.6139	0.4898	0.3083
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8909	0.0084	0.8939	0.8865	0.0946
jm1	0.6685	0.3315	0.6296	0.2290	0.7315
jvowels	0.8625	0.0306	0.8584	0.8441	0.1630
kc1	0.7014	0.2986	0.6628	0.2725	0.6536
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.3846	0.2462	0.2680	0.1613	0.3885
kc1-class-level-top5percentDF	0.6000	0.4000	0.6617	0.1509	0.3113
kc2	0.7692	0.2308	0.7680	0.4809	0.6153
kdc-4007	0.7057	0.0841	0.7287	0.6571	0.3510
kddcup981%	0.5474	0.4526	0.5418	0.0308	0.3023
kddcup9810%	0.5529	0.4471	0.5303	0.0221	0.3016
kddcup991%	0.9917	0.0013	0.8049	0.9859	0.0981
kddcup9910%	0.9924	0.0008	0.5176	0.9896	0.0584
kepler	0.8201	0.1199	0.7693	0.7054	0.2732
kidney	0.3423	0.2631	0.2057	0.0197	0.6359
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.2453	0.0839	0.1334	0.1570	0.6324
krvskp	0.9436	0.0564	0.9441	0.8872	0.2835
la1s-wc	0.7492	0.0836	0.7560	0.6920	0.3833
la2s-wc	0.7517	0.0828	0.7524	0.6933	0.3734
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0256	0.7041	0.6917	0.0867
led24	0.7000	0.0667	0.7236	0.6571	0.1664
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.5510	0.0345	0.5594	0.5327	0.3364
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.6944	0.0407	0.6940	0.6725	0.1287
linkage	1.0000	0.0021	0.8983	0.7725	0.4778
linkage1%	0.7368	0.2632	0.6400	0.0199	0.0384
linkage10%	1.0000	0.0020	0.8903	0.7941	0.4776
liver	0.6471	0.3529	0.6574	0.2941	0.8066
loan	0.8970	0.1030	0.9028	0.7909	0.3928
localization	0.3966	0.1106	0.1245	0.1440	0.4135
localization10%	0.3829	0.1122	0.2166	0.2188	0.6275
lrs	0.7547	0.0701	0.5515	0.6747	0.2604
lung	0.9048	0.0381	0.9161	0.8359	0.2285
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2	0.8333	0.1667	0.8182	0.5714	0.5283
lung-cancer-michigan	0.8889	0.1111	0.8333	0.6087	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.9286	0.0476	0.9513	0.8716	0.1460
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9149	0.0851	0.9152	0.8273	0.3841
madelon	0.5538	0.4462	0.5545	0.1077	0.9603
magic04	0.7875	0.2125	0.7720	0.5429	0.7027
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8251	0.6468	0.6085
marketing	0.6830	0.3170	0.6766	0.2747	0.5974
maternal	0.6139	0.2574	0.6186	0.4064	0.5721
math	0.7000	0.1500	0.6636	0.5527	0.4318
mba	0.6274	0.2484	0.4602	0.2661	0.4627
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2367	0.3053	0.2403	0.0467	0.8421
messidor	0.7043	0.2957	0.7258	0.4250	0.7371
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.5556	0.2222	0.3751	0.3600	0.3178
meter-D	0.7778	0.1111	0.6317	0.6828	0.2384
mfeat-fac	0.9750	0.0050	0.9754	0.9722	0.0289
mfeat-fou	0.7500	0.0500	0.7476	0.7222	0.2240
mfeat-kar	0.9300	0.0140	0.9317	0.9222	0.0857
mfeat-mor	0.6150	0.0770	0.6065	0.5722	0.2278
mfeat-pix	0.9500	0.0100	0.9507	0.9444	0.0604
mfeat-zer	0.7850	0.0430	0.7806	0.7611	0.1721
mice-prot	0.9907	0.0023	0.9895	0.9894	0.0117
milk	0.7547	0.1635	0.7969	0.6420	0.3450
mines	0.4412	0.2235	0.3058	0.2854	0.4084
mobile	0.5490	0.0161	0.5511	0.5407	0.1867
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.5246	0.4754	0.5125	0.0243	0.9422
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4167	0.1061	0.3936	0.3226	0.6169
musk	0.8061	0.1939	0.7804	0.4933	0.5747
MUT_ci300400a_cdk_ECFP2	0.7770	0.2230	0.7760	0.5491	0.7020
MUT_ci300400a_rdkit_descriptors	0.7569	0.2431	0.7578	0.5118	0.7307
myocardial	0.5529	0.1118	0.3326	0.2186	0.4966
naticusdroid	0.9485	0.0515	0.9491	0.8970	0.2600
nci9	1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA	0.8591	0.0151	0.1672	0.5436	0.1437
ncRNA1%	0.7627	0.0250	0.1647	0.4798	0.6759
ncRNA10%	0.8368	0.0163	0.2726	0.5871	0.7334
neo	0.6167	0.3833	0.6816	0.2084	0.3939
new-thyroid	0.9524	0.0317	0.9462	0.9000	0.1719
new-thyroidT	0.7619	0.2381	0.7646	0.4262	0.5170
new3s-wc	0.6218	0.0172	0.6484	0.6097	0.3049
newspop	0.6435	0.3565	0.6438	0.2870	0.8846
NHANES_age_prediction	0.7313	0.2687	0.7551	0.4033	0.5158
nomao	0.8706	0.1294	0.8715	0.7178	0.4793
NPHA-doctor-visits	0.3472	0.4352	0.3464	-0.0033	0.7528
nursery	0.9128	0.0436	0.6934	0.8708	0.1292
obesity	0.6114	0.1110	0.6026	0.5470	0.3726
obs	0.6481	0.1759	0.7144	0.5249	0.4143
occupancy	0.9557	0.0443	0.9447	0.8833	0.3074
Occupancy_Estimation	0.9625	0.0188	0.8896	0.8889	0.1386

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
oh0-wc	0.8713	0.0257	0.8827	0.8535	0.1210
oh10-wc	0.6667	0.0667	0.6524	0.6235	0.3153
oh15-wc	0.6522	0.0696	0.6236	0.6070	0.3222
oh5-wc	0.7802	0.0440	0.7780	0.7525	0.2165
ohscal-wc	0.3486	0.1303	0.3355	0.2702	0.7313
opn310k	0.4882	0.5118	0.6234	0.1111	0.3509
opn310k10%	0.4862	0.5138	0.6198	0.1062	0.3478
opnat310k-hg16-17	0.9047	0.0921	0.4736	0.0000	0.2075
optdigits	0.9377	0.0125	0.9401	0.9308	0.0832
optdigitsZ	0.7722	0.2278	0.7396	0.3480	0.4676
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.6285	0.3715	0.6498	0.1020	0.2121
ozone8hr	0.5850	0.4150	0.6482	0.1441	0.3472
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7371	0.2629	0.7436	0.4672	0.7202
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7540	0.2460	0.7550	0.5084	0.7394
p53-mutants	0.5942	0.4058	0.6186	0.0137	0.0328
p53-mutants10%	0.5478	0.4522	0.3539	-0.0064	0.0285
page-blocks	0.6581	0.1367	0.3926	0.2395	0.4727
parkinson	0.9500	0.0500	0.9516	0.8984	0.2374
parkinsons	0.7488	0.2512	0.7843	0.5191	0.5997
parkinsons-small	0.7895	0.2105	0.7677	0.5190	0.6808
particle	0.8319	0.1681	0.8333	0.6370	0.5587
particle10%	0.8300	0.1700	0.8258	0.6279	0.5826
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.7387	0.2613	0.7122	0.2689	0.4085
pcmac	0.4897	0.5103	0.4887	-0.0224	0.9900
pcos	0.9133	0.0867	0.8947	0.7670	0.4433
pd	0.8158	0.1842	0.7940	0.5692	0.6392
pediatric-leukemia	0.7941	0.0588	0.7526	0.7473	0.1845
pendigits	0.8790	0.0242	0.8772	0.8655	0.1499
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
persistency	0.8076	0.1924	0.8033	0.6022	0.6504
personalities	0.8883	0.0140	0.8889	0.8809	0.1634
pet-adoption	0.7750	0.2250	0.7944	0.5515	0.6128
phishing	0.9551	0.0449	0.9530	0.9060	0.2549
phone-acc0.1%	0.5046	0.1415	0.4545	0.4218	0.3830
phone-acc1%	0.5039	0.1418	0.4566	0.4210	0.3607
phone-acc10%	0.5104	0.1380	0.4557	0.4302	0.3598
phone-gyr0.1%	0.3094	0.1973	0.3135	0.1959	0.4166
phone-gyr1%	0.3145	0.1959	0.3285	0.2025	0.4011
phone-gyr10%	0.3259	0.1901	0.3464	0.2151	0.4107
phoneme	0.7111	0.2889	0.7251	0.4118	0.7030
phy	0.7048	0.2952	0.7048	0.4096	0.8148
pima	0.7632	0.2368	0.7593	0.5156	0.7272
placement	0.7670	0.2330	0.7703	0.5339	0.7058
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.4444	0.5556	0.4929	-0.0112	0.8322
poker	0.5028	0.0994	0.0667	0.0000	0.1731
poker1%	0.3639	0.1817	0.1357	-0.0024	0.8329
poker10%	0.3838	0.1540	0.1240	0.0011	0.8731
polish-1st	0.4836	0.5164	0.5578	0.0297	0.2080
polish-2nd	0.5005	0.4995	0.5766	0.0418	0.2108
polish-3rd	0.5076	0.4924	0.5706	0.0449	0.2529
polish-4th	0.5755	0.4245	0.6070	0.0842	0.2907
polish-5th	0.6514	0.3486	0.6372	0.1476	0.3892

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polya	0.7697	0.2303	0.7757	0.5342	0.6790
popularity	0.5571	0.2953	0.4807	0.2502	0.6768
post-operative	0.7778	0.2222	0.7500	0.5000	0.7296
postures	0.7755	0.0898	0.7772	0.7195	0.3203
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6195	0.2353	0.9023
prestige	0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor	0.4242	0.0886	0.3299	0.3660	0.2734
profb	0.7910	0.2090	0.7838	0.5571	0.6735
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.7905	0.0819	0.7037	0.7066	0.2409
puc-rio10%	0.8298	0.0681	0.7423	0.7691	0.2370
pufs-1281%	0.5073	0.4927	0.5073	0.0147	0.9956
pufs-12810%	0.5000	0.4960	0.5048	-0.0005	0.9972
pufs-641%	0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%	0.5021	0.5016	0.5025	0.0039	0.9893
pulsar	0.7973	0.2027	0.7467	0.3820	0.5068
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
rcv11%	0.7407	0.0126	0.4708	0.7142	0.3127
re0-wc	0.6067	0.0605	0.6277	0.5090	0.5211
re1-wc	0.5723	0.0342	0.5827	0.5227	0.3833
rejafada	0.4271	0.5729	0.6037	0.0459	0.1488
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.0073	0.0305	0.0002	0.0000	0.2369
rice	0.9857	0.0143	0.9856	0.9711	0.0943
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5994	0.4006	0.6369	0.2420	0.8184
RT_IOT2022	0.9735	0.0044	0.8374	0.9335	0.0309
satimage	0.7947	0.0684	0.7348	0.7426	0.2223
satimageF	0.9036	0.0964	0.8371	0.6322	0.5448
satimageT	0.5210	0.4790	0.6347	0.1353	0.3899
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.4444	0.5556	0.4696	-0.0465	0.7758
schizo	0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.4423	0.5577	0.4806	-0.0134	0.3311
secondary_mushroom	0.8574	0.1426	0.8592	0.7146	0.5330
segment	0.8745	0.0359	0.8873	0.8531	0.1231
segmentation	0.8267	0.1733	0.8303	0.6454	0.5834
segmentO	0.7056	0.2944	0.7384	0.3583	0.5000
seismic	0.7287	0.2713	0.6467	0.1821	0.4356
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.6026	0.3974	0.5371	0.0550	0.6268
sens-10-gram	0.6824	0.3176	0.6119	0.1806	0.6410
sens-2-gram	0.5737	0.4263	0.5551	0.0757	0.5935
sens-3-gram	0.5658	0.4342	0.6112	0.1416	0.5352
sens-4-gram	0.5711	0.4289	0.5897	0.1182	0.5620
sens-5-gram	0.5632	0.4368	0.5686	0.0911	0.5750
sens-6-gram	0.5947	0.4053	0.5936	0.1286	0.5772
sens-7-gram	0.6263	0.3737	0.5595	0.0904	0.6296
sens-8-gram	0.5895	0.4105	0.5736	0.1024	0.5906
sens-9-gram	0.6368	0.3632	0.5642	0.0990	0.6346
sensorless	0.4754	0.0954	0.5190	0.4229	0.3366
sepsis	0.4481	0.5519	0.5842	0.0718	0.3672
shoppers	0.7924	0.2076	0.7583	0.4547	0.6019
shuttle	0.7638	0.0675	0.3666	0.4744	0.3854
sick	0.5942	0.4058	0.6501	0.1388	0.3213

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9152	0.0748	0.9024	0.7869	0.4418
skin10%	0.8991	0.1009	0.8837	0.7402	0.4601
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.2200	0.3900	0.2229	-0.0372	0.8638
smk_can_187	0.7895	0.2105	0.7889	0.5778	0.6844
smoking	0.7026	0.2974	0.7551	0.4439	0.6139
soil_pollution	0.2067	0.3173	0.2091	0.0075	0.8639
solar-flare	0.7482	0.0839	0.6837	0.6772	0.2113
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection	0.6200	0.3800	0.6778	0.2009	0.3906
spambase	0.9043	0.0957	0.8996	0.7988	0.4246
spect	0.5926	0.4074	0.7059	0.2878	0.5089
spectf	0.7143	0.2857	0.7742	0.4615	0.5283
spectrometer	0.3269	0.0499	0.2055	0.2835	0.2387
splice-EI	0.7792	0.2208	0.8072	0.5463	0.5223
splice-IE	0.7066	0.2934	0.7551	0.4238	0.5690
sport-articles	0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7303	0.1798	0.7067	0.5810	0.4818
steel-b	0.6974	0.3026	0.7103	0.3587	0.6524
steel-d	0.5282	0.4718	0.5884	0.0426	0.1752
steel-k	0.9333	0.0667	0.9159	0.8176	0.3968
steel-o	0.7128	0.2872	0.7061	0.4044	0.7869
steel-p	0.7077	0.2923	0.7068	0.2599	0.4117
steel-s	0.6051	0.3949	0.6478	0.1049	0.2255
steel-z	0.7333	0.2667	0.7270	0.3173	0.4573
stellar	0.7736	0.1509	0.7754	0.6252	0.4504
stock	0.7708	0.2292	0.7636	0.4602	0.5950
stockb	0.8943	0.0705	0.8995	0.8415	0.1721
streaming	0.8060	0.1940	0.8083	0.6125	0.6421
stress	0.9683	0.0127	0.9713	0.9603	0.0374
student-lifestyle	0.5650	0.1740	0.3269	0.3335	0.4466
student-depression	0.8265	0.1735	0.8241	0.6467	0.6147
student-habits	0.3000	0.2800	0.2606	0.0669	0.8022
student-weekend	0.3692	0.2523	0.2928	0.1674	0.6702
student-workday	0.5000	0.2000	0.2287	0.1742	0.6134
studentap	0.5385	0.3077	0.5220	0.2778	0.5861
susy1%	0.7770	0.2230	0.7783	0.5424	0.6663
susy10%	0.7590	0.2408	0.7654	0.5052	0.6263
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8324	0.1676	0.8265	0.6265	0.5775
texture	0.9855	0.0026	0.9860	0.9840	0.0219
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.5957	0.4043	0.4748	-0.0420	0.7055
thrombin	0.8429	0.1571	0.4574	-0.0377	0.2523
Thyroid_Diff	0.9474	0.0526	0.9426	0.8786	0.2987
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7554	0.2446	0.7795	0.4954	0.5868
tis10%	0.6493	0.3507	0.6440	0.2592	0.7650
titanic	0.7591	0.2409	0.7276	0.4549	0.7599
tourist	0.7500	0.1000	0.5250	0.6364	0.1042

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.5882	0.4118	0.5662	0.1314	0.9243
toxicity-13f	0.5882	0.4118	0.5662	0.1314	0.9243
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.5333	0.4667	0.6026	0.1546	0.7077
trec11-wc	0.7805	0.0488	0.7960	0.7389	0.2447
trec12-wc	0.9355	0.0161	0.9385	0.9227	0.0500
trec21-wc	0.9091	0.0364	0.8982	0.8311	0.2470
trec23-wc	0.7619	0.0794	0.7600	0.6912	0.2804
trec31-wc	0.9032	0.0323	0.9143	0.8719	0.1389
trec41-wc	0.9318	0.0136	0.9511	0.9168	0.0795
trec45-wc	0.8551	0.0290	0.7809	0.8317	0.1443
tuandromd	0.9596	0.0404	0.9448	0.8834	0.3145
turkish	0.7750	0.1125	0.7765	0.7000	0.2538
tvnews	0.8767	0.1233	0.8737	0.7424	0.5012
tvnews1%	0.9154	0.0846	0.9108	0.8207	0.4027
tvnews10%	0.8836	0.1164	0.8787	0.7549	0.4907
urban	0.7910	0.0464	0.8108	0.7557	0.1643
urinalysis	0.8042	0.1958	0.6679	0.2312	0.4604
ustilago1%	0.5179	0.4821	0.5785	0.0138	0.0616
ustilago10%	0.5241	0.4759	0.6049	0.0211	0.0626
vehicle	0.7262	0.1369	0.6966	0.6342	0.2468
vehicleVAN	0.8929	0.1071	0.8875	0.7500	0.4416
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9306	0.8602	0.3303
vowel	0.4343	0.1028	0.3582	0.3778	0.2545
vowelZ	0.4141	0.5859	0.6176	0.0912	0.2976
vrnormat310k-hg16-17	0.9003	0.0902	0.4709	0.0000	0.2066
wap-wc	0.7949	0.0205	0.6952	0.7713	0.1296
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.4917	0.1452	0.4785	0.4042	0.4617
watch-acc10%	0.5024	0.1452	0.4912	0.4105	0.4264
watch-gyr1%	0.3353	0.1899	0.3155	0.2198	0.4430
watch-gyr10%	0.3614	0.1803	0.3588	0.2483	0.3727
water_pollution	0.2133	0.3933	0.2142	-0.0481	0.8850
waveform	0.8420	0.1053	0.8422	0.7630	0.3636
weather-related	0.9462	0.0098	0.9501	0.9390	0.0741
web-phishing	0.7704	0.1531	0.5794	0.5903	0.5447
weight-lift	0.8278	0.0689	0.8207	0.7817	0.2736
white-clover	0.3333	0.6667	0.2500	0.0000	0.5000
wifi-loc	0.9150	0.0425	0.9158	0.8867	0.1411
wilt	0.6004	0.3996	0.6521	0.1205	0.2566
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5031	0.1656	0.2631	0.2728	0.5268
winequality-white	0.4356	0.1881	0.2542	0.2282	0.5295
winnipeg	0.9719	0.0051	0.9651	0.9791	0.0437
winnipeg10%	0.9844	0.0045	0.9759	0.9802	0.0441
wisc_bc	0.9649	0.0351	0.9643	0.9261	0.2027
yale	0.7500	0.0333	0.7257	0.7322	0.0668
yeast	0.4797	0.1156	0.3151	0.3448	0.4917
yeastCYT-POX	0.8776	0.1224	0.7496	0.3581	0.4422
yeastEXC	0.5473	0.4527	0.6257	0.0585	0.1454
yeastME1	0.5608	0.4392	0.6286	0.0616	0.1491
yeastME2	0.5676	0.4324	0.6098	0.0788	0.2597
zip	0.8785	0.0243	0.8689	0.8638	0.1712

Table 339: Detailed results for L2SVML

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1759	0.0785	0.1179	0.0863	0.4573
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9787	0.0213	0.9548	0.9055	0.0778
adult	0.8468	0.1532	0.7737	0.5387	0.6199
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.7619	0.2381	0.4672	-0.0588	0.6265
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
aids	0.8545	0.1455	0.7898	0.5692	0.5881
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7333	0.1067	0.3290	0.3156	0.2198
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9374	0.0313	0.6891	0.8788	0.1982
anuran-genus	0.9499	0.0125	0.8674	0.9168	0.1866
anuran-species	0.9583	0.0083	0.9141	0.9417	0.0718
anxiety	0.1000	0.2000	0.0709	-0.0152	0.6787
apple-quality	0.7325	0.2675	0.7333	0.4650	0.7718
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.7333	0.0533	0.4266	0.5504	0.2136
auction	0.8922	0.1078	0.7034	0.2780	0.3887
audiology	0.9545	0.0083	0.9821	0.9466	0.0299
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.4828	0.5172	0.3256	0.0000	0.5300
autos	0.8000	0.0667	0.6900	0.7306	0.1466
avila	0.5170	0.0805	0.3117	0.2855	0.4793

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
babies	0.4355	0.1613	0.1826	0.1039	0.4016
balance	0.8710	0.0860	0.6033	0.7583	0.2191
bank	0.9104	0.0896	0.7514	0.4943	0.5775
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8922	0.7778	0.3960
basehock	0.9397	0.0603	0.9398	0.8794	0.3033
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.9048	0.0952	0.9003	0.8000	0.4323
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.5593	0.6970	0.0779
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8391	0.0805	0.6063	0.6562	0.3621
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography	0.7700	0.0460	0.6663	0.7209	0.2309
cardiotocography-nsp	0.8920	0.0720	0.8094	0.7057	0.3903
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5906	0.4533	0.5780
cas_N6512_cdk_ECFP2	0.7573	0.2427	0.7553	0.5102	0.7392
cas_N6512_rdkit_ATOMPAIR	0.7308	0.2692	0.7286	0.4569	0.7799
cas_N6512_RDkit_AtomPair_FP	0.7178	0.2822	0.7151	0.4293	0.7969
cas_N6512_rdkit_AVALON	0.7711	0.2289	0.7700	0.5400	0.7168
cas_N6512_RDkit_Avalon_FP	0.7669	0.2331	0.7657	0.5314	0.7239
cas_N6512_rdkit_descriptors	0.7523	0.2477	0.7510	0.5020	0.7475
cas_N6512_rdkit_FEATMORGAN	0.7343	0.2657	0.7335	0.4666	0.7738
cas_N6512_RDkit_Featmorgan_FP	0.7331	0.2669	0.7308	0.4608	0.7755
cas_N6512_RDkit_FP	0.7209	0.2791	0.7182	0.4349	0.7917
cas_N6512_rdkit_LAYERED	0.7462	0.2538	0.7453	0.4904	0.7563
cas_N6512_RDkit_Layered_FP	0.7454	0.2546	0.7434	0.4866	0.7581
cas_N6512_rdkit_MACCS	0.7189	0.2811	0.7338	0.4140	0.6555
cas_N6512_RDkit_MACCS_FP	0.7209	0.2791	0.7249	0.4242	0.7304
cas_N6512_rdkit_MORGAN	0.7262	0.2738	0.7237	0.4469	0.7860
cas_N6512_RDkit_morgan_FP	0.7607	0.2393	0.7592	0.5184	0.7342
cas_N6512_rdkit_PATTERN	0.7938	0.2062	0.7926	0.5852	0.6772
cas_N6512_RDkit_pattern_FP	0.7837	0.2163	0.7835	0.5665	0.6933
cas_N6512_rdkit_RDKITFP	0.7373	0.2627	0.7359	0.4718	0.7704
cas_N6512_rdkit_TORSION	0.7354	0.2646	0.7342	0.4684	0.7729
ccds1%	0.9396	0.0604	0.4844	-0.0288	0.6429
cdc_diabetes	0.8469	0.1020	0.4120	0.1138	0.2718
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7669	0.5326	0.7109
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9752	0.0248	0.8305	0.6136	0.1935
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.7839	0.5621	0.4216
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7263	0.2737	0.7203	0.4368	0.7800
circles	0.1710	0.0166	0.1650	0.1626	0.1849
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7667	0.1167	0.4955	0.6154	0.2998
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.4616	0.1822	0.7359
cnae-9	0.9722	0.0062	0.9729	0.9688	0.0317
codon_usage	0.8565	0.0261	0.6706	0.8248	0.2268
coil20	0.9792	0.0021	0.9810	0.9781	0.0147
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.6400	0.0480	0.5582	0.5995	0.1715
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
cottonmeloidogyne	0.7716	0.2284	0.7716	0.5432	0.7149
coupon	0.6853	0.3147	0.6764	0.3516	0.8426
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9443	0.0557	0.8749	0.7446	0.3738
covtypeT	0.9455	0.0545	0.7592	0.5035	0.5042
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced	0.8793	0.0402	0.6618	0.7440	0.3670
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.2812	0.0449	0.2376	0.2581	0.1478
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.7037	0.2963	0.7303	0.3344	0.4688
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8153	0.1847	0.6874	0.3024	0.5939
defect	0.8796	0.1204	0.7449	0.3728	0.3479
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9000	0.1000	0.7078	0.3760	0.5545
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7667	0.2333	0.6753	0.3488	0.7826
diabetes	0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-100k	0.9417	0.0583	0.7835	0.4560	0.1549
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5686	0.2876	0.4571	0.1652	0.5669
diabetic10%	0.5511	0.2993	0.3520	0.0897	0.5303
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9667	0.0167	0.9499	0.9537	0.0444
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5982	0.4018	0.5949	0.1882	0.9279
dota210%	0.5709	0.4291	0.5674	0.1339	0.9520
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7540	0.1640	0.6515	0.5763	0.4543
drug-01	0.4149	0.1672	0.2001	0.0637	0.4208
drug-02	0.5106	0.1398	0.1592	0.0835	0.5033
drug-03	0.6915	0.1028	0.1367	0.0096	0.2131
drug-04	0.5106	0.1398	0.1555	0.1080	0.5412
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4521	0.1565	0.2657	0.2892	0.3614
drug-07	0.4574	0.1809	0.1623	0.0690	0.3650
drug-08	0.5426	0.1307	0.1227	0.0473	0.3882
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1538	0.1375	0.3501
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6170	0.1094	0.1711	0.2148	0.3259
drug-14	0.6011	0.1140	0.2242	0.2515	0.3925
drug-15	0.7553	0.0699	0.1229	-0.0057	0.2964
drug-16	0.5904	0.1365	0.2771	0.2780	0.3904
drug-17	0.3670	0.1809	0.1972	0.1157	0.4540
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9155	0.0241	0.9312	0.8978	0.1306
ecoli	0.8529	0.0490	0.7162	0.7962	0.1645
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2590	0.0131	0.8342
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6115	0.3885	0.6125	0.1621	0.7640
eeg10%	0.3655	0.0793	0.4191	0.2953	0.5548
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5205	0.1918	0.2944	0.3384	0.3001
euthyroid	0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq10%	0.8957	0.1043	0.8978	0.7919	0.4284
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.8415	0.0187	0.8296	0.8200	0.1309
fertility	0.9000	0.1000	0.4737	0.0000	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
finance	0.9020	0.0980	0.9009	0.8012	0.4232
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.6000	0.1143	0.3777	0.4904	0.3087
forest	0.9231	0.0385	0.9071	0.8932	0.0993
gas	0.9921	0.0026	0.9918	0.9904	0.0214
gastrointestinal	0.6250	0.2500	0.6534	0.3885	0.4805
gender	0.6000	0.2667	0.3792	0.1413	0.5118
gene	0.9338	0.0442	0.9265	0.8942	0.1948
german	0.7600	0.2400	0.7248	0.4103	0.6710
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8184	0.1816	0.8185	0.6364	0.6267
glass	0.7143	0.0952	0.6837	0.5869	0.2236
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7143	0.2857	0.6479	0.2500	0.7506
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.5879	0.3558	0.4251
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
har	0.2844	0.2862	0.0886	0.0000	0.3861
har701%	0.7646	0.0673	0.3905	0.6175	0.1473
har7010%	0.7677	0.0664	0.3940	0.6224	0.1466
harth1%	0.6451	0.0592	0.1869	0.4819	0.2380
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8363	0.1637	0.8363	0.6726	0.5910
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6664	0.3336	0.6655	0.3193	0.8368
higgs1%	0.6401	0.3599	0.6371	0.2673	0.8770
higher	0.2857	0.1786	0.1724	0.1515	0.2918
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9292	0.0708	0.8737	0.7474	0.4546
hiva	0.9456	0.0544	0.5609	0.1204	0.6256
horse	0.6667	0.2222	0.6348	0.4353	0.5868
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.5907	0.2728	0.5959	0.3884	0.6320
htru2	0.9804	0.0196	0.9389	0.8746	0.1719
hypothyroid	0.9390	0.0305	0.5489	0.5373	0.2050

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hypothyroidT	0.9682	0.0318	0.8780	0.7234	0.0997
ilpd	0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.8000	0.1333	0.7722	0.6939	0.2545
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8163	0.1837	0.6297	0.1350	0.5295
jvowels	0.9378	0.0138	0.9332	0.9294	0.0959
kc1	0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.6154	0.1538	0.2878	0.2935	0.3975
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6081	0.1734	0.7219
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9982	0.0003	0.9541	0.9969	0.0175
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2784	0.0802	0.1912	0.1722	0.5103
krvskp	0.9687	0.0313	0.9690	0.9373	0.1810
la2s-wc	0.8676	0.0442	0.8524	0.8344	0.2288
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.9118	0.0077	0.9203	0.9071	0.0266
led24	0.6500	0.0700	0.6390	0.6056	0.1530
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.6935	0.0236	0.6892	0.6812	0.2785
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8056	0.0259	0.8088	0.7910	0.0881
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9274	0.0726	0.9225	0.8449	0.3560
localization	0.3940	0.1102	0.1507	0.1482	0.4461
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8679	0.0377	0.6260	0.8174	0.1035
lung	0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5692	0.4308	0.5703	0.1385	0.9470
magic04	0.7833	0.2167	0.7543	0.5013	0.7008
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6238	0.2508	0.6274	0.4185	0.5518
math	0.6750	0.1625	0.6557	0.4951	0.4078
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.7217	0.2783	0.7242	0.4441	0.7796
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.9183	0.8468	0.1413
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9800	0.0040	0.9802	0.9778	0.0253
mfeat-fou	0.8350	0.0330	0.8392	0.8167	0.1478
mfeat-kar	0.9650	0.0070	0.9669	0.9611	0.0413
mfeat-mor	0.7200	0.0560	0.7180	0.6889	0.2183
mfeat-pix	0.9450	0.0110	0.9456	0.9389	0.0665
mfeat-zer	0.8300	0.0340	0.8337	0.8111	0.1058
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8774	0.0818	0.8846	0.8155	0.2699
mines	0.5588	0.1765	0.4702	0.4414	0.3994
mobile	0.7587	0.0086	0.7707	0.7544	0.1123
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9424	0.0576	0.8831	0.7473	0.2554
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.7844	0.2156	0.7772	0.5540	0.6985
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7170	0.2830	0.7049	0.4070	0.8005
MUT_ci300400a_cdk_EXTENDED	0.7866	0.2134	0.7801	0.5600	0.6952
MUT_ci300400a_cdk_FCFP2	0.7749	0.2251	0.7671	0.5338	0.7151
MUT_ci300400a_cdk_FCFP4	0.7722	0.2278	0.7639	0.5269	0.7184
MUT_ci300400a_cdk_FCFP6	0.7866	0.2134	0.7818	0.5633	0.6942
MUT_ci300400a_cdk_MACCS	0.7542	0.2458	0.7457	0.4710	0.6996
MUT_ci300400a_cdk_PUBCHEM	0.8311	0.1689	0.8251	0.6485	0.6018
MUT_ci300400a_cdk_STANDARD	0.7928	0.2072	0.7874	0.5747	0.6839
MUT_ci300400a_rdkit_descriptors	0.7845	0.2155	0.7780	0.5542	0.6935
myocardial	0.8882	0.0279	0.3816	0.4317	0.0928
naticusdroid	0.9608	0.0392	0.9609	0.9216	0.2206
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA1%	0.8712	0.0136	0.2193	0.5934	0.1671
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6463	0.3537	0.6437	0.2867	0.8842
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9443	0.0557	0.9316	0.8633	0.3223
NPHA-doctor-visits	0.5139	0.3241	0.3066	-0.0084	0.4955
nursery	0.9174	0.0413	0.6969	0.8777	0.1238
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.7963	0.1019	0.8343	0.6962	0.2580
occupancy	0.9883	0.0117	0.9840	0.9677	0.1315
Occupancy_Estimation	0.9911	0.0044	0.9707	0.9730	0.0307
oh0-wc	0.8614	0.0277	0.8452	0.8412	0.1345
oh10-wc	0.7143	0.0571	0.6617	0.6733	0.2511
oh15-wc	0.6957	0.0609	0.6647	0.6550	0.2920
oh5-wc	0.8132	0.0374	0.8137	0.7886	0.1745
olive	0.9649	0.0078	0.9602	0.9565	0.0253

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
optdigits	0.9520	0.0096	0.9536	0.9466	0.0680
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7887	0.2113	0.7693	0.5377	0.7048
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.9580	0.0168	0.6792	0.7323	0.2833
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8951	0.1049	0.8665	0.7299	0.4692
particle10%	0.8792	0.1208	0.8457	0.6877	0.5150
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4588	0.5412	0.4502	-0.0993	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8158	0.1842	0.7544	0.5088	0.6968
pediatric-leukemia	0.8824	0.0336	0.8069	0.8547	0.0910
pendigits	0.9354	0.0129	0.9351	0.9282	0.0960
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.9130	0.0109	0.9130	0.9072	0.1362
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.1363	0.2468	0.0343	0.0000	0.4039
phone-acc1%	0.6471	0.1008	0.6149	0.5864	0.3514
phone-gyr0.1%	0.2735	0.2076	0.2448	0.1527	0.3769
phone-gyr1%	0.1372	0.2465	0.0345	0.0000	0.4034
phoneme	0.7778	0.2222	0.7232	0.4462	0.7484
phy	0.7024	0.2976	0.7024	0.4048	0.8180
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9882	0.0078	0.9768	0.9626	0.0674
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
polya	0.7849	0.2151	0.7598	0.5154	0.7027
popularity	0.6585	0.2277	0.4052	0.1804	0.4587
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
prestige	0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor	0.4545	0.0839	0.3322	0.3939	0.2452
profb	0.7164	0.2836	0.6816	0.1750	0.4393
promoters	0.9000	0.1000	0.9010	0.7826	0.2846

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8286	0.0686	0.7444	0.7668	0.2262
pufs-1281%	0.5082	0.4918	0.5082	0.0163	0.9953
pufs-641%	0.5033	0.4967	0.5033	0.0067	0.9981
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.8667	0.0205	0.8619	0.8276	0.2089
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6023	0.3977	0.5725	0.1405	0.9286
satimage	0.8243	0.0586	0.7705	0.7801	0.2028
satimageF	0.9844	0.0156	0.9591	0.9178	0.1662
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8846	0.1154	0.6300	0.2484	0.6318
secondary_mushroom	0.8859	0.1141	0.8846	0.7692	0.4744
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9264	0.0210	0.9345	0.9139	0.0776
segmentation	0.8218	0.1782	0.8028	0.6042	0.6372
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8079	0.1921	0.6166	0.2312	0.7401
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-7-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-8-gram	0.8658	0.1342	0.5694	0.0500	0.4928
sens-9-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8816	0.1184	0.7336	0.4180	0.5243
shuttle	0.9190	0.0232	0.5017	0.7399	0.1930
sick	0.9655	0.0345	0.8435	0.6656	0.3054
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9299	0.0701	0.9049	0.8029	0.4313
skin10%	0.9273	0.0727	0.8994	0.7936	0.4426
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1400	0.4300	0.1386	-0.1497	0.8984
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7626	0.0791	0.7021	0.6940	0.1833
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9152	0.0848	0.9111	0.8202	0.3754
spect	0.7778	0.2222	0.6786	0.3571	0.7720

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectf	0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer	0.3654	0.0470	0.2223	0.3268	0.2222
splice-EI	0.9527	0.0473	0.9407	0.8791	0.3179
splice-IE	0.9054	0.0946	0.8679	0.7356	0.4840
sport-articles	0.8000	0.2000	0.7802	0.5510	0.6550
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	0.7957	0.2043	0.7754	0.5507	0.6922
steel_industry	0.7486	0.1676	0.6928	0.5903	0.4755
steel-b	0.8205	0.1795	0.6892	0.3488	0.6752
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.7487	0.2513	0.7094	0.3765	0.6874
steel-p	0.9231	0.0769	0.6783	0.3135	0.5446
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9590	0.0410	0.8958	0.7868	0.4438
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9167	0.0833	0.8521	0.7004	0.4623
stockb	0.9868	0.0088	0.9869	0.9802	0.0434
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6350	0.1460	0.3395	0.3907	0.3909
student-depression	0.8340	0.1659	0.8278	0.6543	0.5970
student-habits	0.4000	0.2400	0.1842	0.0473	0.4650
student-weekend	0.3538	0.2585	0.2224	0.0885	0.7133
student-workday	0.6875	0.1250	0.1645	0.0154	0.3459
studentap	0.5385	0.3077	0.5392	0.2909	0.5535
susy1%	0.7930	0.2070	0.7936	0.5764	0.6452
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.7313	0.2687	0.6233	0.2455	0.8310
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.8235	0.0882	0.8709	0.7671	0.1047
toxicity	0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.9268	0.0163	0.8372	0.9092	0.0501
trec12-wc	0.9355	0.0161	0.9360	0.9221	0.0405
trec21-wc	0.9394	0.0242	0.7708	0.8738	0.1263
trec23-wc	0.7619	0.0794	0.7224	0.6884	0.2127
trec31-wc	0.9677	0.0108	0.9737	0.9571	0.0472
trec41-wc	0.8977	0.0205	0.8826	0.8739	0.1084
trec45-wc	0.7971	0.0406	0.7201	0.7639	0.1978
tuandromd	0.9821	0.0179	0.9722	0.9443	0.1640
turkish	0.8250	0.0875	0.8244	0.7667	0.1948
tvnews1%	0.9308	0.0692	0.9272	0.8533	0.3522
tvnews10%	0.8990	0.1010	0.8905	0.7800	0.4406
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8060	0.0431	0.8159	0.7736	0.1539

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
vehicle	0.7500	0.1250	0.7356	0.6670	0.2101
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.5051	0.0900	0.5379	0.4556	0.2388
vowelZ	0.9798	0.0202	0.9473	0.8889	0.3322
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8500	0.1000	0.8501	0.7750	0.3515
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8074	0.1284	0.5587	0.6389	0.4081
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0346
wilt	0.9669	0.0331	0.7921	0.5403	0.3228
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6038	0.1321	0.2553	0.3339	0.3407
winequality-white	0.5235	0.1588	0.2488	0.2084	0.4365
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7591	0.7983	0.0462
yeast	0.4865	0.1027	0.3349	0.3415	0.4595
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9301	0.0140	0.9238	0.9217	0.1078

Table 340: Detailed results for Lasso

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1751	0.0569	0.0835	0.0901	0.4451
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.8374	0.1626	0.7544	0.4898	0.6207
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8571	0.1429	0.5518	0.1036	0.7105
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.8641	0.1359	0.4635	-0.0729	0.6742
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.4500	0.5500	0.4229	-0.1458	0.9361
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8216	0.1784	0.7393	0.4681	0.6733
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8692	0.1308	0.8666	0.7330	0.5171
alcohol	0.7524	0.0990	0.3166	0.4057	0.2808
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.8372	0.1628	0.8197	0.6384	0.6062
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9318	0.0341	0.6891	0.8684	0.1697
anuran-genus	0.9346	0.0163	0.7381	0.8903	0.1812
anuran-species	0.9556	0.0089	0.8848	0.9377	0.0787
anxiety	0.0917	0.2019	0.0835	-0.0244	0.8020
apple-quality	0.7275	0.2725	0.7288	0.4550	0.7768
aps-failure	0.9874	0.0126	0.7823	0.4999	0.2332
arabidopsis	0.9920	0.0080	0.6663	0.0022	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.5669	0.1304	0.9336
arrhythmia	0.6667	0.0513	0.3753	0.4440	0.2245
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.8261	0.0145	0.3575	0.7996	0.0370
audit-risk	0.9359	0.0641	0.9354	0.8624	0.2175
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9429	0.0571	0.9278	0.8555	0.3348
autism-child	0.8276	0.1724	0.8286	0.6556	0.6047
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.5084	0.0819	0.3822	0.2372	0.3502
babies	0.4274	0.1636	0.1377	0.0844	0.3777
balance	0.8871	0.0753	0.6111	0.7875	0.2104
bank	0.9053	0.0947	0.7179	0.4042	0.5559
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8917	0.1083	0.8844	0.7521	0.3633
basehock	0.9447	0.0553	0.9449	0.8895	0.2828
bio	0.9936	0.0064	0.7800	0.4474	0.0701
bio10%	0.9938	0.0062	0.7876	0.5236	0.2471
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0010	0.0342	0.0000	0.0117
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0010	0.0342	0.0000	0.0117
body-perf	0.6239	0.1881	0.6255	0.4985	0.5061
bookings	0.9895	0.0070	0.6619	0.9777	0.0453
brain-tumor	0.4995	0.5005	0.4994	-0.0012	0.9998
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.6364	0.3636	0.6553	0.2903	0.8322
breast-tissue	0.7273	0.0909	0.6803	0.6700	0.1388
bridges	0.7000	0.0857	0.5902	0.5946	0.2260
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4920	0.3387	0.3013	-0.0015	0.3641
car	0.8563	0.0718	0.7250	0.6926	0.3169
car-insurance	0.8290	0.1710	0.7960	0.5899	0.6348
card	0.8986	0.1014	0.8989	0.7947	0.4326
cardiotocography	0.7559	0.0488	0.7075	0.7054	0.2589
cardiotocography-nsp	0.8639	0.0908	0.7401	0.5717	0.4094
cardiovascular	0.6502	0.3498	0.6505	0.3004	0.8784
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6570	0.5354	0.4532
cas_N6512_cdk_ECFP2	0.7527	0.2473	0.7504	0.5000	0.7453
cas_N6512_rdkit_ATOMPAIR	0.7200	0.2800	0.7175	0.4345	0.7947
cas_N6512_RDkit_AtomPair_FP	0.7393	0.2607	0.7369	0.4724	0.7650
cas_N6512_rdkit_AVALON	0.7696	0.2304	0.7685	0.5370	0.7193
cas_N6512_RDkit_Avalon_FP	0.7914	0.2086	0.7913	0.5819	0.6793
cas_N6512_rdkit_descriptors	0.7385	0.2615	0.7376	0.4751	0.7677
cas_N6512_rdkit_FEATMORGAN	0.7389	0.2611	0.7368	0.4735	0.7682
cas_N6512_RDkit_Featmorgan_FP	0.7669	0.2331	0.7652	0.5303	0.7241
cas_N6512_RDkit_FP	0.7301	0.2699	0.7279	0.4556	0.7810
cas_N6512_rdkit_LAYERED	0.7738	0.2262	0.7733	0.5462	0.7113
cas_N6512_RDkit_Layered_FP	0.7745	0.2255	0.7728	0.5454	0.7109

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7588	0.2412	0.7568	0.5105	0.7297
cas_N6512_RDkit_MACCS_FP	0.7623	0.2377	0.7613	0.5225	0.7312
cas_N6512_rdkit_MORGAN	0.7569	0.2431	0.7548	0.5086	0.7382
cas_N6512_RDkit_morgan_FP	0.7669	0.2331	0.7657	0.5314	0.7239
cas_N6512_rdkit_PATTERN	0.7815	0.2185	0.7802	0.5605	0.6992
cas_N6512_RDkit_pattern_FP	0.7837	0.2163	0.7832	0.5661	0.6942
cas_N6512_rdkit_RDKITFP	0.7358	0.2642	0.7343	0.4686	0.7727
cas_N6512_rdkit_TORSION	0.7385	0.2615	0.7367	0.4733	0.7689
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8446	0.1036	0.4023	0.0598	0.2387
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7927	0.2073	0.7800	0.5577	0.6899
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9435	0.0565	0.6952	0.2315	0.2788
census10%	0.9472	0.0528	0.6961	0.2406	0.2837
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.6302	0.2561	0.6215
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8691	0.0654	0.8163	0.8049	0.2344
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8040	0.1960	0.6176	0.1391	0.5946
churn-bigml	0.8652	0.1348	0.6558	0.1810	0.4644
ci900367j_MACCS	0.7474	0.2526	0.7249	0.4453	0.7606
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.5264	0.5105	0.4065
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7935	0.1032	0.5459	0.6718	0.3225
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.4621	0.1884	0.7416
cnae-9	0.8056	0.0432	0.8250	0.7812	0.1762
codon_usage	0.8565	0.0261	0.6779	0.8244	0.1849
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.8200	0.0240	0.6776	0.8017	0.0652
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2	0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3	0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7419	0.1720	0.6847	0.5804	0.4082

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5397	0.4771	0.5290	0.0373	0.8284
comedy_comparisons1%	0.5268	0.4732	0.5243	0.0483	0.9824
comedy_comparisons10%	0.5661	0.4339	0.5639	0.1251	0.9489
connect-4	0.9833	0.0112	0.6700	0.3981	0.0331
cottonmeloidogyne	0.7740	0.2260	0.7741	0.5481	0.7108
coupon	0.6869	0.3131	0.6774	0.3531	0.8397
covid19	0.5361	0.1325	0.2162	0.1592	0.3321
covtype	0.7161	0.0811	0.4957	0.5318	0.3388
covtype10%	0.7096	0.0830	0.4918	0.5197	0.3417
covtypeCD	0.9259	0.0741	0.8259	0.6149	0.3389
covtypeT	0.9374	0.0626	0.6849	0.2563	0.3803
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9987	0.0013	0.7548	0.4406	0.2468
creditcard_trans10%	0.9982	0.0018	0.6663	0.2850	0.4084
crowdsourced	0.8682	0.0439	0.6167	0.7002	0.2186
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.8125	0.0094	0.6373	0.8070	0.0230
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1567	0.2811	0.1579	-0.0151	0.8809
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7407	0.2593	0.7326	0.4638	0.7670
darwin	0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0976	0.1805	0.0972	-0.0029	0.9236
day1%	0.6176	0.3738	0.6204	0.2654	0.8597
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8013	0.1987	0.6560	0.1952	0.5473
defect	0.8488	0.1512	0.6726	0.0932	0.2972
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8987	0.1013	0.7001	0.3526	0.5467
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.8833	0.1167	0.8942	0.7667	0.3405
df_final	0.6875	0.2083	0.5590	0.5000	0.2664
DIA	0.7500	0.2500	0.6446	0.2857	0.8083
diabetes	0.8846	0.1154	0.8873	0.7651	0.4550
diabetes-100k	0.9371	0.0629	0.7629	0.3923	0.1724
diabetes-risk	0.8456	0.1544	0.7326	0.4065	0.5417
diabetic	0.5769	0.2821	0.4425	0.1599	0.5560
diabetic1%	0.4706	0.3529	0.4158	0.1267	0.7738
diabetic10%	0.5285	0.3143	0.3876	0.0982	0.6843
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6161	0.1536	0.4955	0.4355	0.4379
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.7083	0.2917	0.7050	0.4085	0.8079
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9217	0.0783	0.7647	0.5285	0.5845
dota2	0.6004	0.3997	0.5970	0.1918	0.9249
dota210%	0.5709	0.4291	0.5673	0.1337	0.9518
drebin	0.9667	0.0333	0.9642	0.9282	0.1944
dropout	0.7517	0.1655	0.6629	0.5769	0.4742

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.4362	0.1611	0.2092	0.0949	0.3772
drug-02	0.5106	0.1398	0.1163	0.0280	0.3859
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.1772	0.0363	0.3349
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4043	0.1702	0.2133	0.2402	0.5553
drug-07	0.4521	0.1565	0.1359	0.0599	0.3392
drug-08	0.5479	0.1292	0.1025	0.0124	0.3136
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1535	0.1089	0.3556
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1754	0.2228	0.3660
drug-14	0.5957	0.1155	0.2253	0.1951	0.3742
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5745	0.1216	0.2262	0.2469	0.3858
drug-17	0.3670	0.1809	0.1777	0.1186	0.4914
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9251	0.0214	0.9359	0.9093	0.1190
ecoli	0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2603	0.0145	0.8386
eeg	0.3795	0.0776	0.3783	0.3060	0.6020
eeg-eye	0.5995	0.4005	0.5866	0.1603	0.9019
eeg10%	0.3621	0.0797	0.3395	0.2882	0.5861
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5753	0.1699	0.5415	0.4569	0.4465
euthyroid	0.9146	0.0854	0.7101	0.2109	0.2020
exon.vs.intron-freq	0.8914	0.1086	0.8948	0.7835	0.4285
exon.vs.intron-freq10%	0.8865	0.1135	0.8892	0.7736	0.4490
fakenews	0.5400	0.4600	0.5399	0.0797	0.9753
farm-ads	0.8792	0.1208	0.8790	0.7562	0.4804
fbis-wc	0.5935	0.0478	0.4714	0.5320	0.4069
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9020	0.0980	0.9028	0.7997	0.3894
financial-risk	0.8130	0.0623	0.6347	0.6918	0.2227
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.3500	0.1625	0.1613	0.0845	0.3009
fonts	0.3172	0.0089	0.0279	0.2491	0.2728
fonts10%	0.3849	0.0080	0.0602	0.3275	0.3155
forest	0.8846	0.0577	0.8407	0.8398	0.1555
gas	0.9799	0.0067	0.9801	0.9756	0.0434
gastrointestinal	0.6875	0.2083	0.6333	0.4872	0.5512
gender	0.6021	0.2653	0.3816	0.1459	0.5600
gene	0.8927	0.0715	0.8832	0.8306	0.2726
german	0.7300	0.2700	0.6848	0.3317	0.7314
gestures	0.3348	0.3326	0.3391	0.1128	0.7985
gina	0.8617	0.1383	0.8619	0.7230	0.5298
gisette	0.9714	0.0286	0.9714	0.9429	0.1751
glass	0.6667	0.1111	0.5168	0.5116	0.2711
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP	0.7143	0.2857	0.6479	0.2500	0.7506
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.4055	0.2683	0.4755
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.9671	0.0055	0.8894	0.9611	0.0326
har	0.7554	0.0979	0.7454	0.6900	0.3906
har70	0.7631	0.0677	0.3935	0.6160	0.1803
har701%	0.7637	0.0675	0.4010	0.6169	0.1650
har7010%	0.7636	0.0675	0.3933	0.6168	0.1655
harth	0.6641	0.0560	0.2462	0.5186	0.2428
harth1%	0.6626	0.0562	0.2341	0.5160	0.2372
harth10%	0.6625	0.0563	0.2438	0.5164	0.2433
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.8340	0.1660	0.8040	0.6072	0.6275
heart-quantum	0.9600	0.0400	0.9583	0.9167	0.2315
hepatitis	0.9333	0.0667	0.9148	0.8148	0.4011
hepmass	0.8213	0.1978	0.8016	0.5946	0.6317
hepmass1%	0.8369	0.1631	0.8368	0.6737	0.5899
hepmass10%	0.8347	0.1653	0.8347	0.6694	0.5943
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.6408	0.3592	0.6379	0.2697	0.8783
higgs0.1%	0.6582	0.3418	0.6555	0.3069	0.8639
higgs1%	0.6383	0.3617	0.6353	0.2631	0.8774
higgs10%	0.6401	0.3599	0.6376	0.2686	0.8774
higher	0.2143	0.1964	0.1974	0.0888	0.3794
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9073	0.0927	0.8207	0.6229	0.4526
hiva	0.9622	0.0378	0.4904	-0.0045	0.3546
horse	0.6389	0.2407	0.6027	0.3684	0.6029
hotel-reservartions	0.8128	0.1872	0.7792	0.5483	0.6420
hr	0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor	0.5924	0.2717	0.5972	0.3870	0.6362
ht-sensor10%	0.5822	0.2785	0.5865	0.3722	0.6476
htru2	0.9687	0.0313	0.8994	0.7808	0.1485
hypothyroid	0.9363	0.0318	0.5600	0.4994	0.2477
hypothyroidT	0.9310	0.0690	0.7021	0.1756	0.1727
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9280	0.0360	0.9307	0.9040	0.1256
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9345	0.0050	0.9353	0.9319	0.0582

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8136	0.1864	0.6189	0.1102	0.5229
jvowels	0.9548	0.0100	0.9518	0.9488	0.0736
kc1	0.8673	0.1327	0.6949	0.2854	0.4739
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.5714	0.0357	0.0351	0.2000	0.0675
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.6259	0.0935	0.6035	0.5624	0.3256
kddcup98	0.9461	0.0539	0.5022	0.0011	0.3849
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9382	0.0618	0.5296	0.0416	0.5905
kddcup99	0.9975	0.0002	0.4349	0.9957	0.0044
kddcup991%	0.9923	0.0007	0.4662	0.9870	0.0226
kddcup9910%	0.9924	0.0007	0.6183	0.9871	0.0230
kepler	0.8347	0.1102	0.7795	0.7262	0.2556
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.2688	0.0812	0.1507	0.1655	0.5410
krvskp	0.9404	0.0596	0.9409	0.8809	0.2973
la1s-wc	0.7270	0.0910	0.7009	0.6549	0.4053
la2s-wc	0.7417	0.0861	0.7283	0.6703	0.3776
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0118	0.4375	0.7532	0.0484
led24	0.5000	0.1000	0.5161	0.4475	0.2148
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8150	0.0142	0.8159	0.8075	0.1915
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.9167	0.0111	0.9359	0.9105	0.0388
linkage	0.9979	0.0021	0.8940	0.7708	0.4755
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9981	0.0019	0.9022	0.7868	0.4689
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9344	0.0656	0.9309	0.8614	0.3380
localization	0.4342	0.1029	0.1808	0.2032	0.4397
localization10%	0.4229	0.1049	0.1884	0.1892	0.4673
lrs	0.7925	0.0415	0.4149	0.7032	0.1334
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.9286	0.0357	0.7135	0.8716	0.1130
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5500	0.4500	0.5503	0.1000	0.9655
magic04	0.7696	0.2304	0.7366	0.4593	0.7113
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8334	0.6662	0.5966
marketing	0.8884	0.1116	0.7389	0.3971	0.4354
maternal	0.5842	0.2772	0.5795	0.3597	0.6074
math	0.8000	0.1000	0.7592	0.6938	0.3514
mba	0.8371	0.1086	0.3613	0.0106	0.2295
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2467	0.3013	0.2522	0.0566	0.8314

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.7130	0.2870	0.7222	0.4332	0.7707
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-fou	0.8700	0.0260	0.8722	0.8556	0.1323
mfeat-kar	0.9700	0.0060	0.9708	0.9667	0.0377
mfeat-mor	0.7300	0.0540	0.7367	0.7000	0.1810
mfeat-pix	0.9650	0.0070	0.9664	0.9611	0.0408
mfeat-zer	0.8150	0.0370	0.8199	0.7944	0.0941
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.7547	0.1635	0.7315	0.6194	0.4658
mines	0.5000	0.2000	0.4489	0.3745	0.3937
mobile	0.7622	0.0085	0.7705	0.7579	0.1082
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6393	0.3607	0.3900	-0.0323	0.6755
monks-3	0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4683	0.0967	0.4627	0.3466	0.5158
musk	0.9212	0.0788	0.8354	0.6340	0.3232
MUT_ci300400a_cdk_ECFP2	0.8094	0.1906	0.8023	0.6023	0.6454
MUT_ci300400a_cdk_ECFP4	0.8012	0.1988	0.7954	0.5907	0.6686
MUT_ci300400a_cdk_ECFP6	0.7808	0.2192	0.7725	0.5423	0.6989
MUT_ci300400a_cdk_ESTATE	0.7134	0.2866	0.7035	0.4066	0.8089
MUT_ci300400a_cdk_EXTENDED	0.7962	0.2038	0.7898	0.5795	0.6777
MUT_ci300400a_cdk_FCFP2	0.7737	0.2263	0.7655	0.5304	0.7165
MUT_ci300400a_cdk_FCFP4	0.7866	0.2134	0.7788	0.5564	0.6925
MUT_ci300400a_cdk_FCFP6	0.7854	0.2146	0.7802	0.5603	0.6967
MUT_ci300400a_cdk_MACCS	0.7578	0.2422	0.7479	0.4924	0.7370
MUT_ci300400a_cdk_PUBCHEM	0.8395	0.1605	0.8339	0.6669	0.5860
MUT_ci300400a_cdk_STANDARD	0.7772	0.2228	0.7704	0.5407	0.7116
MUT_ci300400a_rdkit_descriptors	0.7644	0.2356	0.7573	0.5135	0.7297
myocardial	0.8765	0.0309	0.3025	0.3404	0.0999
naticusdroid	0.9472	0.0528	0.9478	0.8943	0.2642
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA	0.8710	0.0136	0.2472	0.5892	0.1896
ncRNA1%	0.8707	0.0136	0.2364	0.5826	0.1591
ncRNA10%	0.8722	0.0135	0.2511	0.5945	0.2023
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.5284	0.0214	0.5412	0.5100	0.3331
newspop	0.6448	0.3552	0.6421	0.2837	0.8859
NHANES_age_prediction	0.9515	0.0485	0.9048	0.7979	0.2301
nomao	0.9394	0.0607	0.9257	0.8515	0.3435
NPHA-doctor-visits	0.5000	0.3333	0.2849	-0.0302	0.5269
nursery	0.9097	0.0361	0.5532	0.8662	0.1143
obesity	0.9194	0.0230	0.9186	0.9059	0.1083
obs	0.8148	0.0926	0.8546	0.7168	0.2113
occupancy	0.9859	0.0141	0.9809	0.9611	0.1504
Occupancy_Estimation	0.9803	0.0099	0.9468	0.9391	0.0682
oh0-wc	0.6337	0.0733	0.6785	0.5701	0.2977
oh10-wc	0.5714	0.0857	0.5274	0.5038	0.3689
oh15-wc	0.5109	0.0978	0.5189	0.4343	0.3753
oh5-wc	0.5934	0.0813	0.6256	0.5331	0.2930

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.5708	0.0858	0.5457	0.5164	0.4728
olive	0.9649	0.0078	0.9554	0.9565	0.0249
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9804	0.0039	0.9813	0.9782	0.0290
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8247	0.1753	0.8080	0.6153	0.6390
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8095	0.1905	0.8102	0.6190	0.6431
p53-mutants	0.9952	0.0048	0.6225	0.1167	0.2601
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9360	0.0256	0.5221	0.5142	0.1194
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8382	0.1618	0.7888	0.5376	0.5143
particle10%	0.8408	0.1592	0.7917	0.5514	0.5318
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4433	0.5567	0.4390	-0.1210	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.8105	0.6207	0.6145
pediatric-leukemia	0.7353	0.0756	0.6769	0.6720	0.2207
pendigits	0.9645	0.0071	0.9646	0.9605	0.0563
period	0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8163	0.1837	0.8011	0.5994	0.6385
personalities	0.9545	0.0057	0.9547	0.9515	0.0752
pet-adoption	0.8900	0.1100	0.8733	0.7413	0.4508
phishing	0.9429	0.0571	0.9400	0.8788	0.2812
PhiUSIIL	0.9989	0.0011	0.9988	0.9977	0.0100
PhiUSIIL10%	0.9992	0.0008	0.9991	0.9983	0.0077
phone-acc	0.6956	0.0870	0.6602	0.6430	0.2846
phone-acc0.1%	0.6953	0.0871	0.6616	0.6428	0.2810
phone-acc1%	0.6940	0.0874	0.6565	0.6412	0.2835
phone-acc10%	0.6945	0.0873	0.6584	0.6418	0.2842
phone-gyr	0.6762	0.0925	0.6357	0.6201	0.2904
phone-gyr0.1%	0.6726	0.0935	0.6327	0.6157	0.2883
phone-gyr1%	0.6732	0.0934	0.6324	0.6165	0.2939
phone-gyr10%	0.6757	0.0927	0.6350	0.6195	0.2891
phoneme	0.7611	0.2389	0.6901	0.3760	0.7750
phy	0.7032	0.2968	0.7032	0.4064	0.8169
pima	0.7105	0.2895	0.6923	0.3323	0.7052
pirvision	0.9621	0.0253	0.9311	0.8698	0.0796
placement	0.7900	0.2100	0.7861	0.5718	0.6869
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1001	0.0666	0.0000	0.1726
poker1%	0.4946	0.1011	0.0914	-0.0068	0.2051
poker10%	0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7838	0.2162	0.7573	0.5071	0.6967
popularity	0.6628	0.2248	0.4096	0.1844	0.4720
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8196	0.0722	0.8200	0.7745	0.2772
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6353	0.2647	0.8828
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0496	0.2152	0.3920	0.1911
processed	0.9369	0.0631	0.9290	0.8575	0.3457
profb	0.8209	0.1791	0.7929	0.5843	0.6483
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.6429	0.3571	0.6443	0.2857	0.8758
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8276	0.0690	0.7662	0.7652	0.2400
puc-rio10%	0.8340	0.0664	0.7678	0.7742	0.2419
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%	0.4980	0.5020	0.4980	-0.0040	1.0000
pufs-12810%	0.5013	0.4986	0.5013	0.0027	0.9992
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5054	0.4946	0.5054	0.0108	0.9969
pufs-6410%	0.5019	0.4981	0.5019	0.0037	0.9987
pulsar	0.9697	0.0303	0.9038	0.7903	0.1344
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
rcv1	0.5660	0.0249	0.1866	0.5235	0.3004
rcv11%	0.6685	0.0125	0.3007	0.6165	0.2726
rcv110%	0.8420	0.0060	0.5336	0.8221	0.2045
re0-wc	0.6400	0.0554	0.5312	0.4973	0.3599
re1-wc	0.5723	0.0342	0.4857	0.4940	0.3278
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.7783	0.0068	0.3353	0.6834	0.4181
rice	0.9830	0.0170	0.9829	0.9655	0.1023
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6110	0.3890	0.5788	0.1495	0.9139
RT_IOT2022	0.9802	0.0033	0.9266	0.9502	0.0241
satimage	0.8460	0.0513	0.8085	0.8092	0.2008
satimageF	0.9736	0.0264	0.9287	0.8516	0.1755
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9167	0.0833	0.4783	-0.0305	0.6521
secondary_mushroom	0.8521	0.1479	0.8506	0.7011	0.5585
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9524	0.0136	0.9583	0.9443	0.0550
segmentation	0.8069	0.1931	0.7850	0.5671	0.6633
segmentO	0.9784	0.0216	0.9559	0.9105	0.1595
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.5832	0.0279	0.3779
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-4-gram	0.8658	0.1342	0.5807	0.0754	0.5299
sens-5-gram	0.8763	0.1237	0.6487	0.1479	0.4234
sens-6-gram	0.8658	0.1342	0.4640	-0.0052	0.3810

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-8-gram	0.8684	0.1316	0.6013	0.1055	0.5237
sens-9-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sensorless	0.8952	0.0191	0.8951	0.8847	0.1049
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8751	0.1249	0.7139	0.3308	0.4544
shuttle	0.9226	0.0221	0.4546	0.7565	0.2092
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9261	0.0739	0.8922	0.7830	0.4475
skin10%	0.9220	0.0780	0.8846	0.7687	0.4594
smarket	0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming	0.1600	0.4200	0.1618	-0.1170	0.8665
smk_can_187	0.8421	0.1579	0.8444	0.6851	0.5655
smoking	0.7439	0.2561	0.7358	0.4677	0.7572
soil_pollution	0.2033	0.3187	0.2059	0.0025	0.8661
solar-flare	0.7482	0.0839	0.6662	0.6752	0.1896
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9180	0.0820	0.6982	0.1879	0.2324
spambase	0.8935	0.1065	0.8882	0.7727	0.4336
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.7143	0.2857	0.6090	0.2045	0.8349
spectrometer	0.7170	0.0118	0.3525	0.7011	0.0630
splice-EI	0.9401	0.0599	0.9270	0.8493	0.3649
splice-IE	0.9117	0.0883	0.8741	0.7461	0.4442
sport-articles	0.8200	0.1800	0.8037	0.5911	0.5877
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7529	0.1648	0.7037	0.5998	0.4752
steel-b	0.8103	0.1897	0.6616	0.2806	0.6788
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9692	0.0308	0.9522	0.9039	0.2161
steel-o	0.7333	0.2667	0.6886	0.3358	0.7187
steel-p	0.9231	0.0769	0.6843	0.1090	0.1864
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9385	0.0615	0.8038	0.5928	0.4537
stellar	0.8919	0.0721	0.8782	0.8013	0.2696
stock	0.8958	0.1042	0.8061	0.5785	0.4361
stockb	0.9824	0.0117	0.9828	0.9736	0.0541
streaming	0.8020	0.1980	0.7995	0.5988	0.6628
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6350	0.1460	0.3436	0.3902	0.4002
student-depression	0.8355	0.1645	0.8293	0.6565	0.5916
student-habits	0.4100	0.2360	0.1887	0.0632	0.4645
student-weekend	0.3846	0.2462	0.2697	0.1542	0.6553
student-workday	0.6875	0.1250	0.1660	0.0369	0.3332
studentap	0.3077	0.4615	0.3269	-0.0263	0.7839
susy	0.7597	0.2403	0.7689	0.5015	0.6314
susy1%	0.7588	0.2412	0.7679	0.4996	0.6336
susy10%	0.7614	0.2386	0.7700	0.5052	0.6325
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.8949	0.1051	0.8609	0.7181	0.4739
texture	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9050	0.0950	0.8687	0.7351	0.4591
tis10%	0.7463	0.2537	0.6583	0.3165	0.8046
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.0833	0.4340	0.6098	0.1060
tox_171	1.0000	0.0000	1.0000	1.0000	0.0000
toxicity	0.6471	0.3529	0.5858	0.1639	0.8952
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.6585	0.0759	0.6250	0.5736	0.2931
trec12-wc	0.6129	0.0968	0.5367	0.5079	0.2481
trec21-wc	0.6970	0.1010	0.2438	0.3504	0.3684
trec23-wc	0.8095	0.0635	0.5769	0.7299	0.1788
trec31-wc	0.6882	0.0891	0.5592	0.5649	0.3032
trec41-wc	0.6591	0.0682	0.4907	0.5701	0.3172
trec45-wc	0.5072	0.0986	0.4917	0.3933	0.3351
tuandromd	0.9798	0.0202	0.9696	0.9386	0.2027
turkish	0.7750	0.1125	0.7787	0.7000	0.2989
tvnews	0.8864	0.1136	0.8763	0.7511	0.4744
tvnews1%	0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%	0.8851	0.1149	0.8751	0.7475	0.4707
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8060	0.0431	0.8180	0.7735	0.1700
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%	0.9234	0.0684	0.9416	0.8645	0.3353
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7619	0.1190	0.7525	0.6825	0.2277
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5960	0.0735	0.6230	0.5556	0.2205
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.6538	0.0346	0.5170	0.6084	0.2106
warpar10p	0.9231	0.0154	0.8830	0.9128	0.0257
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc	0.6325	0.1050	0.6183	0.5687	0.4097
watch-acc1%	0.6334	0.1047	0.6201	0.5697	0.4042
watch-acc10%	0.6333	0.1048	0.6188	0.5697	0.4074
watch-gyr	0.6044	0.1130	0.5930	0.5365	0.3946
watch-gyr1%	0.6117	0.1110	0.6020	0.5450	0.3784
watch-gyr10%	0.6023	0.1136	0.5911	0.5340	0.3949
water_pollution	0.2067	0.3967	0.2080	-0.0580	0.8891
waveform	0.8460	0.1027	0.8462	0.7690	0.3548
weather-related	0.9558	0.0080	0.9591	0.9498	0.0508
web-phishing	0.7704	0.1531	0.5318	0.5674	0.4514
Weekly	0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift	0.8433	0.0627	0.8394	0.8013	0.2593
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9482	0.0518	0.4867	-0.0040	0.3208
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6101	0.1300	0.2935	0.3584	0.3677
winequality-white	0.5153	0.1385	0.2471	0.2100	0.4295
winnipeg	0.9838	0.0046	0.9707	0.9795	0.0437
winnipeg10%	0.9834	0.0047	0.9849	0.9790	0.0304
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.5625	0.0583	0.4911	0.5294	0.1073
yeast	0.5135	0.0973	0.3659	0.3775	0.4228
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9409	0.0118	0.9354	0.9337	0.0902

Table 341: Detailed results for LDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1785	0.0429	0.1441	0.1024	0.4892
abalone19	0.9402	0.0598	0.5723	0.0621	0.2185
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9800	0.0200	0.5264	0.0256	0.4293
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.8391	0.1609	0.7621	0.5162	0.6418
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_KlekotaRothFingerprinter	0.6429	0.3571	0.4831	-0.0224	0.5210
AID_1431_MACCSFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878	0.7429	0.2571	0.4644	-0.0638	0.8550
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.8586	0.0943	0.3080	-0.0267	0.5504
AID1284Morered	0.5278	0.4722	0.5425	0.0556	0.5905
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.7864	0.2136	0.5381	0.0605	0.5444
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9626	0.0374	0.5524	0.0942	0.4783
AID373AID439red	0.9920	0.0080	0.4980	-0.0003	0.0309
AID373red	0.9975	0.0025	0.4994	-0.0012	0.4477
AID439Morered	0.4286	0.5714	0.6316	0.1250	0.3900
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID456red	0.9810	0.0190	0.4952	-0.0051	0.2230
AID604	0.9962	0.0038	0.4991	-0.0004	0.2479
AID604AID644_AllRed	0.9982	0.0018	0.4995	-0.0009	0.5226
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red	0.9979	0.0021	0.4995	-0.0009	0.3503
AID687red	0.9946	0.0054	0.4986	-0.0027	0.5342
AID688red	0.9875	0.0125	0.4969	-0.0049	0.5435
AID721morered	0.5556	0.4444	0.5303	0.0526	0.7987
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.9985	0.0015	0.4996	-0.0007	0.5338
AID746red	0.9834	0.0166	0.4958	-0.0077	0.4404
aids	0.8263	0.1737	0.7474	0.4858	0.6648
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8516	0.1484	0.6021	0.1035	0.5340
airline	0.8697	0.1303	0.8671	0.7341	0.5156
alcohol	0.7619	0.0952	0.3337	0.4638	0.4070
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8326	0.1674	0.8158	0.6315	0.6194
anneal	0.9551	0.0180	0.9542	0.9101	0.1736
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.8901	0.1099	0.5167	0.0094	0.1489
anuran-family	0.9179	0.0410	0.7402	0.8442	0.3075
anuran-genus	0.9318	0.0170	0.8241	0.8892	0.2785
anuran-species	0.9403	0.0119	0.8531	0.9167	0.1420
anxiety	0.0833	0.2037	0.0828	-0.0334	0.8308
apple-quality	0.7325	0.2675	0.7341	0.4650	0.7679
aps-failure	0.9820	0.0180	0.8054	0.5941	0.5411
arabidopsis	0.9918	0.0082	0.6248	0.1528	0.3386
arabidopsis0.1%	0.7853	0.2147	0.5307	0.0099	0.1021
arabidopsis1%	0.9944	0.0056	0.7856	0.4552	0.0238
arabidopsis10%	0.9916	0.0084	0.6135	0.1472	0.3761

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.6889	0.0479	0.5637	0.5597	0.2934
auction	0.8725	0.1275	0.6124	0.1467	0.5667
audiology	0.1418	0.0701	0.0479	0.0714	0.2277
audit-risk	0.9359	0.0641	0.9334	0.8639	0.2894
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9571	0.0429	0.9470	0.8934	0.2857
autism-child	0.8966	0.1034	0.8971	0.7924	0.4312
autos	0.8000	0.0667	0.6553	0.7324	0.1641
avila	0.5093	0.0818	0.3668	0.2654	0.6039
babies	0.4274	0.1636	0.1394	0.0980	0.4271
balance	0.9032	0.0645	0.6222	0.8180	0.1797
bank	0.9063	0.0937	0.7534	0.5052	0.6063
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8917	0.1083	0.8839	0.7529	0.3756
basehock	0.9598	0.0402	0.9602	0.9196	0.2182
bio	0.9964	0.0036	0.8846	0.7471	0.1031
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8476	0.1524	0.8403	0.6800	0.5791
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9809	0.0013	0.0457	-0.0010	0.0502
bitcoin1%	0.9911	0.0042	0.0242	0.0015	0.0154
bitcoin10%	0.9737	0.0018	0.0340	-0.0040	0.0242
body-perf	0.6060	0.1970	0.6079	0.4746	0.5151
bookings	0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor	0.5080	0.4920	0.5079	0.0159	0.9953
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.6364	0.1212	0.5969	0.5600	0.1943
bridges	0.8000	0.0571	0.5714	0.7143	0.0558
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4900	0.3400	0.2584	-0.0047	0.3805
car	0.8391	0.0805	0.5913	0.6582	0.3561
car-insurance	0.8250	0.1750	0.7928	0.5848	0.6472
card	0.8841	0.1159	0.8816	0.7575	0.4481
cardiotocography	0.7465	0.0507	0.6867	0.6969	0.3193
cardiotocography-nsp	0.8779	0.0814	0.7556	0.6558	0.4017
cardiovascular	0.6498	0.3502	0.6501	0.2995	0.8788
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5884	0.4850	0.3959
cas_N6512_cdk_ECFP2	0.7573	0.2427	0.7551	0.5095	0.7381
ccds1%	0.7912	0.2088	0.5868	0.0969	0.3653
ccds10%	0.9611	0.0389	0.6905	0.3687	0.5503
cdc_diabetes	0.8453	0.1031	0.4252	0.2298	0.3503
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9683	0.0317	0.7881	0.5658	0.4524
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9380	0.0620	0.6000	0.1916	0.6294
CDS49_AID687_Rdkit-ecfp4-fp	0.9921	0.0079	0.4980	-0.0034	0.3790
census	0.9422	0.0578	0.7502	0.4998	0.5756
census10%	0.9438	0.0561	0.7491	0.4982	0.5811
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9186	0.0814	0.7964	0.4992	0.5131

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8714	0.0643	0.8630	0.8085	0.2314
chrom19	0.9860	0.0140	0.6825	0.1104	0.1579
chrom191%	0.9877	0.0123	0.7027	0.1582	0.2113
chrom1910%	0.9864	0.0136	0.6704	0.1128	0.1710
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8050	0.1950	0.6326	0.2150	0.6852
churn-bigml	0.8652	0.1348	0.6844	0.3488	0.6549
ci900367j_MACCS	0.7789	0.2211	0.7604	0.5173	0.7088
cirrhosis	0.7381	0.1746	0.5065	0.4420	0.3443
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7991	0.1005	0.5555	0.6826	0.3190
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8200	0.1800	0.5411	0.0816	0.7182
cmc	0.4762	0.3492	0.4512	0.1755	0.7549
cnae-9	0.8981	0.0226	0.9049	0.8854	0.0919
codon_usage	0.8243	0.0320	0.6459	0.7867	0.3152
coil20	0.9792	0.0021	0.9804	0.9781	0.0148
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6552	0.3448	0.6446	0.2892	0.8782
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8966	0.1034	0.8041	0.5246	0.2404
colposcopies-6	0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7097	0.1935	0.6556	0.5350	0.5105
comedy_comparisons1%	0.5312	0.4688	0.5294	0.0586	0.9809
connect-4	0.9639	0.0241	0.6594	0.4912	0.5088
cottonmeloidogyne	0.7716	0.2284	0.7717	0.5433	0.7148
coupon	0.6814	0.3186	0.6718	0.3421	0.8468
covid19	0.5335	0.1333	0.2181	0.1556	0.4543
covtype	0.6798	0.0915	0.5301	0.4968	0.5403
covtype10%	0.6790	0.0917	0.5290	0.4942	0.5424
covtypeCD	0.9095	0.0905	0.8089	0.6179	0.5674
covtypeT	0.9130	0.0870	0.7140	0.4211	0.6301
creditcard_trans	0.9994	0.0006	0.9045	0.8082	0.2814
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8829	0.0390	0.7753	0.7533	0.3493
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.2812	0.0359	0.1915	0.2633	0.0943
customer-churn	0.9786	0.0214	0.5365	0.0161	0.2720
cybersecurity	0.1667	0.2778	0.1675	-0.0025	0.8775
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.7778	0.2222	0.7709	0.5352	0.6921
darwin	0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dating	0.1014	0.1797	0.1008	0.0013	0.9227
day1%	0.9534	0.0488	0.9689	0.9465	0.1609
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8030	0.1970	0.6995	0.3969	0.7388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
defect	0.8858	0.1142	0.7564	0.4416	0.4305
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8980	0.1020	0.7290	0.4522	0.6191
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3639	0.1351	0.4618
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
df_final	0.5000	0.3333	0.3960	0.2099	0.6631
diabetes	0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k	0.9525	0.0475	0.8298	0.6448	0.3898
diabetes-risk	0.8518	0.1482	0.7509	0.4840	0.6138
diabetic	0.5697	0.2869	0.4366	0.1675	0.6586
diabetic1%	0.5686	0.2876	0.4507	0.2285	0.6783
diabetic10%	0.5000	0.3333	0.3734	0.0676	0.7482
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6027	0.1589	0.4938	0.4172	0.5132
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6667	0.3333	0.6495	0.2941	0.8617
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9812	0.0188	0.5545	0.0555	0.2340
dna1%	0.9972	0.0028	0.5980	0.0663	0.2191
dorothea	0.9217	0.0783	0.7206	0.3677	0.4371
dota2	0.6007	0.3993	0.5975	0.1932	0.9255
dota210%	0.5631	0.4369	0.5594	0.1180	0.9579
drebin	0.9674	0.0326	0.9649	0.9296	0.1902
dropout	0.7562	0.1625	0.6823	0.5903	0.4632
drug-01	0.3723	0.1793	0.1611	0.0666	0.6978
drug-02	0.5000	0.1429	0.2861	0.2013	0.6211
drug-03	0.6543	0.0988	0.1296	0.0162	0.4023
drug-04	0.5053	0.1413	0.2065	0.1024	0.6825
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.2490	0.2582	0.5359
drug-07	0.4415	0.1596	0.1601	0.0895	0.4383
drug-08	0.4840	0.1474	0.1899	0.1166	0.4695
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5053	0.1413	0.1814	0.1432	0.5374
drug-11	0.7606	0.0684	0.1374	0.1106	0.4981
drug-12	0.7394	0.0745	0.1524	0.0610	0.4064
drug-13	0.5851	0.1185	0.2051	0.2762	0.4503
drug-14	0.5319	0.1337	0.2375	0.2407	0.6016
drug-15	0.6649	0.0957	0.1575	0.1074	0.4293
drug-16	0.6064	0.1125	0.2738	0.3516	0.3924
drug-17	0.3564	0.1839	0.1681	0.1067	0.5278
drug-18	0.9839	0.0161	0.1993	-0.0095	0.0221
drug-19	0.6755	0.0927	0.1561	0.0620	0.5767
drybean	0.9030	0.0277	0.9273	0.8828	0.1250
ecoli	0.8529	0.0368	0.5543	0.7942	0.1278
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2700	0.3650	0.2703	0.0267	0.8354
eeg	0.3384	0.0827	0.3421	0.2695	0.7364
eeg-eye	0.6462	0.3538	0.6380	0.2686	0.8731
eeg10%	0.3283	0.0840	0.3587	0.2588	0.6684
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
eucalyptus	0.5890	0.1644	0.5780	0.4754	0.4542
euthyroid	0.9177	0.0823	0.7108	0.3474	0.4544
exon.vs.intron-freq	0.8919	0.1081	0.8954	0.7847	0.4265
exon.vs.intron-freq10%	0.8872	0.1128	0.8900	0.7752	0.4467
fakenews	0.5400	0.4600	0.5399	0.0798	0.9753
farm-ads	0.8841	0.1159	0.8836	0.7663	0.4718
fbis-wc	0.8049	0.0230	0.7645	0.7762	0.1868
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9216	0.0784	0.9251	0.8391	0.2605
financial-risk	0.7770	0.0743	0.6803	0.6376	0.2785
flags	0.6500	0.0875	0.3543	0.5556	0.1862
fonts	0.3772	0.0081	0.1873	0.3445	0.9378
fonts10%	0.3543	0.0084	0.1383	0.3224	0.9122
forest	0.9231	0.0385	0.9063	0.8934	0.1031
gas	0.9526	0.0158	0.9523	0.9425	0.0874
gastrointestinal	0.7500	0.1667	0.6808	0.5817	0.4216
gender	0.6000	0.2667	0.3800	0.1424	0.5617
gene	0.8959	0.0694	0.8857	0.8349	0.2728
german	0.6900	0.3100	0.6413	0.2757	0.8481
gestures	0.3433	0.3283	0.3485	0.1244	0.7903
gina	0.8818	0.1182	0.8824	0.7633	0.4746
gisette	0.9214	0.0786	0.9214	0.8429	0.3667
glass	0.7143	0.0952	0.4989	0.5869	0.2793
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4000	0.3000	0.4833	0.2012	0.4985
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.9671	0.0055	0.9036	0.9611	0.0362
har	0.7064	0.1174	0.7017	0.6285	0.4324
har70	0.7501	0.0714	0.4145	0.5991	0.2519
har701%	0.7473	0.0722	0.4082	0.5948	0.2947
har7010%	0.7494	0.0716	0.4082	0.5979	0.2298
harth	0.6490	0.0585	0.2334	0.4942	0.2680
harth1%	0.6473	0.0588	0.2139	0.4915	0.2651
harth10%	0.6476	0.0587	0.2182	0.4922	0.2679
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.8300	0.1700	0.7999	0.5992	0.6372
heart-quantum	0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.8351	0.1649	0.8351	0.6701	0.5936
hepmass1%	0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%	0.8352	0.1648	0.8352	0.6703	0.5934
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6564	0.3436	0.6536	0.3035	0.8668
higgs1%	0.6395	0.3605	0.6365	0.2658	0.8771
higgs10%	0.6406	0.3594	0.6380	0.2699	0.8781
higher	0.0714	0.2321	0.0357	-0.0581	0.4322
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.9140	0.0860	0.8439	0.6871	0.5042
hiva	0.9574	0.0426	0.6459	0.2863	0.5931
horse	0.6111	0.2593	0.5855	0.3480	0.6205
hotel-reservartions	0.8142	0.1858	0.7815	0.5556	0.6466
hr	0.8421	0.1579	0.4571	-0.0379	0.6662
ht-sensor	0.5561	0.2959	0.5568	0.3328	0.6855
ht-sensor10%	0.5379	0.3081	0.5385	0.3061	0.7019
htru2	0.9765	0.0235	0.9259	0.8436	0.1437
hypothyroid	0.9128	0.0423	0.4303	0.3309	0.3409
hypothyroidT	0.9363	0.0637	0.7301	0.2778	0.1636
ilpd	0.6610	0.3390	0.5568	0.1114	0.9005
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.8920	0.0540	0.9019	0.8560	0.1743
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9243	0.0058	0.9266	0.9212	0.0662
jm1	0.8154	0.1846	0.6294	0.1847	0.6292
jvowels	0.9277	0.0161	0.9227	0.9181	0.1086
kc1	0.7867	0.2133	0.6291	0.2561	0.7591
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.5000	0.0417	0.0617	0.2899	0.0905
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6935	0.3863	0.7537
kdc-4007	0.5586	0.1103	0.5016	0.4846	0.4835
kddcup981%	0.8947	0.1053	0.5575	0.1121	0.6230
kddcup9810%	0.7707	0.2293	0.5383	0.0489	0.4328
kddcup99	0.9940	0.0005	0.5574	0.9897	0.1008
kddcup991%	0.9951	0.0007	0.8527	0.9918	0.0719
kddcup9910%	0.9950	0.0004	0.5835	0.9915	0.0979
kepler	0.8305	0.1130	0.7834	0.7193	0.2373
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.2717	0.0809	0.2255	0.1726	0.5761
krvskp	0.9404	0.0596	0.9409	0.8809	0.2973
la1s-wc	0.3079	0.2307	0.3910	0.1825	0.6124
la2s-wc	0.3808	0.2064	0.4046	0.2145	0.6904
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8529	0.0074	0.5144	0.8457	0.0321
led24	0.6500	0.0700	0.6322	0.6034	0.1506
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.6930	0.0236	0.6979	0.6807	0.2860
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.7778	0.0296	0.7665	0.7612	0.0892
linkage	0.9979	0.0021	0.8943	0.7713	0.4754
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9981	0.0019	0.9022	0.7868	0.4689
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9344	0.0656	0.9309	0.8614	0.3380
localization	0.3929	0.1104	0.1647	0.1631	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
localization10%	0.3926	0.1104	0.1677	0.1661	0.5518
lrs	0.8425	0.0283	0.3711	0.7826	0.0674
lung	0.9048	0.0381	0.9344	0.8359	0.1342
lung_discrete	0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.6429	0.1786	0.4468	0.2308	0.1771
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5808	0.4192	0.5815	0.1615	0.9405
magic04	0.7754	0.2246	0.7440	0.4765	0.7062
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8460	0.6883	0.5624
marketing	0.8884	0.1116	0.7461	0.4693	0.5664
maternal	0.6139	0.2574	0.6203	0.4041	0.5668
math	0.7500	0.1250	0.7222	0.6187	0.3924
mba	0.8226	0.1183	0.3781	0.0998	0.3791
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2400	0.3040	0.2443	0.0485	0.8382
messidor	0.6957	0.3043	0.7046	0.3988	0.7954
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.6135	0.6828	0.2312
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9750	0.0050	0.9754	0.9722	0.0314
mfeat-fou	0.7950	0.0410	0.8004	0.7722	0.1707
mfeat-kar	0.9750	0.0050	0.9752	0.9722	0.0315
mfeat-mor	0.7300	0.0540	0.7356	0.7000	0.1746
mfeat-pix	0.9800	0.0040	0.9807	0.9778	0.0248
mfeat-zer	0.7900	0.0420	0.8008	0.7667	0.1453
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8019	0.1321	0.7905	0.6980	0.3935
mines	0.4412	0.2235	0.4525	0.3016	0.4653
mobile	0.7867	0.0076	0.8022	0.7828	0.0963
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6230	0.3770	0.3838	-0.0637	0.7809
monks-3	0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4650	0.0973	0.4641	0.3550	0.5735
musk	0.9288	0.0712	0.8524	0.6831	0.3424
MUT_ci300400a_cdk_ECFP2	0.8177	0.1823	0.8113	0.6212	0.6317
MUT_ci300400a_rdkit_descriptors	0.7694	0.2306	0.7628	0.5249	0.7223
myocardial	0.7647	0.0588	0.3586	0.2817	0.6948
naticusdroid	0.9543	0.0457	0.9546	0.9086	0.2421
nci9	0.8333	0.0370	0.5263	0.8000	0.0440
ncRNA	0.8431	0.0165	0.2596	0.5690	0.6959
ncRNA1%	0.8004	0.0210	0.2646	0.5393	0.9367
ncRNA10%	0.8444	0.0164	0.2786	0.5791	0.7292
neo	0.8965	0.1035	0.5721	0.0850	0.5612
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
new3s-wc	0.1271	0.0397	0.1400	0.1069	0.6302
newspop	0.6461	0.3539	0.6434	0.2862	0.8845

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
NHANES_age_prediction	0.9692	0.0308	0.9446	0.8882	0.3004
nomao	0.9367	0.0633	0.9229	0.8458	0.3565
NPHA-doctor-visits	0.4583	0.3611	0.2471	-0.0939	0.5773
nursery	0.9182	0.0327	0.6684	0.8792	0.1224
obesity	0.8578	0.0406	0.8559	0.8341	0.1619
obs	0.8148	0.0926	0.8558	0.7226	0.2621
occupancy	0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation	0.9812	0.0094	0.9478	0.9417	0.0466
oh0-wc	0.7723	0.0455	0.7472	0.7386	0.2155
oh10-wc	0.6095	0.0781	0.5883	0.5546	0.3549
oh15-wc	0.7935	0.0413	0.7933	0.7633	0.1749
oh5-wc	0.8462	0.0308	0.8377	0.8256	0.1333
ohscal-wc	0.3629	0.1274	0.3570	0.2901	0.7224
opn310k	0.6558	0.3442	0.6610	0.1973	0.4471
opn310k10%	0.6540	0.3460	0.6433	0.1753	0.4557
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9520	0.0096	0.9545	0.9466	0.0656
optdigitsZ	0.9911	0.0089	0.9728	0.9456	0.1683
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.7431	0.2569	0.6582	0.1434	0.2891
ozone8hr	0.7115	0.2885	0.6242	0.1608	0.4709
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7990	0.2010	0.7826	0.5634	0.6839
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7063	0.2937	0.7063	0.4121	0.8115
p53-mutants	0.9911	0.0089	0.7123	0.3874	0.5186
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9415	0.0234	0.6650	0.6288	0.4180
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.9027	0.0973	0.8778	0.7550	0.4620
particle10%	0.8985	0.1015	0.8735	0.7469	0.4810
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9099	0.0901	0.6214	0.2387	0.6639
pcmac	0.5000	0.5000	0.4957	-0.0086	0.9887
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.6184	0.3816	0.5929	0.1714	0.8169
pediatric-leukemia	0.7647	0.0672	0.6899	0.7037	0.1650
pendigits	0.8963	0.0207	0.8981	0.8847	0.1292
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8134	0.1866	0.7980	0.5936	0.6458
personalities	0.9058	0.0118	0.9059	0.8996	0.1438
pet-adoption	0.8750	0.1250	0.8560	0.7095	0.5120
phishing	0.9510	0.0490	0.9485	0.8968	0.2646
phone-acc	0.6744	0.0930	0.6309	0.6181	0.2919
phone-acc0.1%	0.6822	0.0908	0.6431	0.6274	0.2854
phone-acc1%	0.6717	0.0938	0.6257	0.6149	0.2915
phone-acc10%	0.6748	0.0929	0.6314	0.6185	0.2914
phone-gyr	0.6582	0.0977	0.6081	0.5991	0.2947
phone-gyr0.1%	0.6411	0.1026	0.5902	0.5787	0.2945
phone-gyr1%	0.6525	0.0993	0.6022	0.5924	0.2946
phone-gyr10%	0.6570	0.0980	0.6071	0.5976	0.2940
phoneme	0.7870	0.2130	0.7363	0.4725	0.7326
phy	0.7068	0.2932	0.7068	0.4136	0.8122
pima	0.7105	0.2895	0.6923	0.3323	0.7052
placement	0.7890	0.2110	0.7852	0.5699	0.6885

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1001	0.0666	0.0000	0.1726
poker1%	0.4917	0.1017	0.0925	-0.0087	0.2251
poker10%	0.4997	0.1001	0.0666	0.0001	0.1725
polish-1st	0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd	0.9597	0.0403	0.5715	0.0413	0.3170
polish-3rd	0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th	0.9408	0.0592	0.5206	0.0195	0.5017
polish-5th	0.9289	0.0711	0.5982	0.1069	0.4629
polya	0.7730	0.2270	0.7511	0.5020	0.7312
popularity	0.5887	0.2742	0.4579	0.2148	0.7211
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7817	0.0873	0.7837	0.7272	0.3074
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6353	0.2647	0.8828
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5758	0.0386	0.3366	0.5352	0.1509
processed	0.9859	0.0141	0.9840	0.9674	0.0716
profb	0.8209	0.1791	0.7970	0.5939	0.6524
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8163	0.0735	0.7451	0.7499	0.2450
puc-rio10%	0.8171	0.0731	0.7284	0.7513	0.2417
pufs-128	0.5006	0.4994	0.5006	0.0012	0.9996
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%	0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-64	0.5020	0.4980	0.5020	0.0040	0.9980
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%	0.5017	0.4983	0.5017	0.0033	0.9990
pulsar	0.9729	0.0271	0.9145	0.8157	0.1259
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%	0.0389	0.0363	0.0014	0.0001	0.3170
re0-wc	0.7333	0.0410	0.7386	0.6429	0.3083
re1-wc	0.7349	0.0212	0.6328	0.6936	0.2066
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.0072	0.0305	0.0002	0.0000	0.2361
rice	0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6096	0.3904	0.5797	0.1537	0.9203
RT_IOT2022	0.9747	0.0042	0.8652	0.9366	0.0420
satimage	0.8274	0.0575	0.7912	0.7864	0.2296
satimageF	0.9782	0.0218	0.9418	0.8803	0.1611
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.5603	0.1137	0.3473	0.4508	0.1670
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6471	0.3529	0.6481	0.2941	0.8778
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8590	0.1410	0.5048	0.0092	0.6354
secondary_mushroom	0.8556	0.1444	0.8541	0.7082	0.5504
segment	0.9177	0.0235	0.9271	0.9038	0.0834
segmentation	0.8020	0.1980	0.7798	0.5574	0.6750
segmentO	0.9784	0.0216	0.9575	0.9148	0.2354
seismic	0.8682	0.1318	0.6218	0.2258	0.6186
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.7533	0.2467	0.6378	0.2478	0.6835

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-2-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sens-3-gram	0.7447	0.2553	0.6234	0.2204	0.6828
sens-4-gram	0.7184	0.2816	0.5662	0.1192	0.7017
sens-5-gram	0.7395	0.2605	0.5839	0.1542	0.7084
sens-6-gram	0.7316	0.2684	0.5604	0.1118	0.7169
sens-7-gram	0.7579	0.2421	0.6009	0.1885	0.7127
sens-8-gram	0.7237	0.2763	0.5753	0.1356	0.7003
sens-9-gram	0.7316	0.2684	0.5981	0.1753	0.6910
sensorless	0.8402	0.0291	0.8399	0.8242	0.1508
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8702	0.1298	0.7233	0.4368	0.6422
shuttle	0.8853	0.0328	0.5579	0.6435	0.3788
sick	0.8939	0.1061	0.7113	0.3918	0.6058
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9326	0.0674	0.9039	0.8050	0.4257
skin10%	0.9306	0.0694	0.8996	0.7974	0.4323
smarket	0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming	0.2600	0.3700	0.2633	0.0170	0.8406
smk_can_187	0.6316	0.3684	0.6315	0.2486	0.8662
smoking	0.7454	0.2546	0.7399	0.4741	0.7497
soil_pollution	0.2033	0.3187	0.2055	0.0024	0.8619
solar-flare	0.4388	0.1870	0.2516	0.3069	0.2369
sonar	0.5000	0.5000	0.5000	0.0000	1.0000
soybean	0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection	0.9455	0.0545	0.8210	0.6335	0.4472
spambase	0.8935	0.1065	0.8884	0.7723	0.4289
spect	0.7037	0.2963	0.6649	0.3077	0.7542
spectf	0.6857	0.3143	0.7271	0.3937	0.6603
spectrometer	0.5283	0.0197	0.2117	0.5013	0.1134
splice-EI	0.9338	0.0662	0.9190	0.8334	0.3883
splice-IE	0.9117	0.0883	0.8757	0.7509	0.4580
sport-articles	0.8000	0.2000	0.7815	0.5402	0.6155
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.2667	0.4938	0.3750	0.2090
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7471	0.1686	0.7038	0.5954	0.4711
steel-b	0.7692	0.2308	0.6741	0.3461	0.7702
steel-d	0.9487	0.0513	0.7290	0.4207	0.5605
steel-k	0.9590	0.0410	0.9356	0.8693	0.2472
steel-o	0.7538	0.2462	0.7160	0.3916	0.6816
steel-p	0.8615	0.1385	0.7428	0.4247	0.5782
steel-s	0.9795	0.0205	0.8697	0.7393	0.4154
steel-z	0.9538	0.0462	0.8788	0.7549	0.4647
stellar	0.8549	0.0967	0.8347	0.7264	0.3098
stock	0.8958	0.1042	0.8069	0.5931	0.4811
stockb	0.8987	0.0675	0.9037	0.8481	0.1762
streaming	0.7980	0.2020	0.7956	0.5911	0.6705
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5800	0.1680	0.3293	0.3475	0.4407
student-depression	0.8337	0.1663	0.8274	0.6527	0.5952
student-habits	0.4100	0.2360	0.1887	0.0635	0.4615
student-weekend	0.3846	0.2462	0.3037	0.1637	0.7030
student-workday	0.6562	0.1375	0.2093	0.2397	0.4936
studentap	0.5385	0.3077	0.5220	0.2778	0.5861
susy	0.7608	0.2392	0.7698	0.5038	0.6304
susy1%	0.7578	0.2422	0.7663	0.4977	0.6399
susy10%	0.7622	0.2378	0.7706	0.5070	0.6330
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.8963	0.1037	0.8639	0.7263	0.4827
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8085	0.1915	0.5444	0.0824	0.7852
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8863	0.1137	0.8594	0.7134	0.5324
tis10%	0.7761	0.2239	0.6924	0.3844	0.7677
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.6250	0.1250	0.4208	0.5000	0.0941
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.4920	-0.0141	0.8877
trec11-wc	0.7561	0.0542	0.6308	0.6933	0.2133
trec12-wc	0.8710	0.0323	0.9082	0.8412	0.0862
trec21-wc	0.6061	0.1313	0.1751	0.1951	0.5270
trec23-wc	0.4762	0.1746	0.4942	0.3084	0.3971
trec31-wc	0.8925	0.0307	0.7678	0.8554	0.1364
trec41-wc	0.7045	0.0591	0.5357	0.6415	0.3235
trec45-wc	0.8116	0.0377	0.7527	0.7779	0.1486
tuandromd	0.9776	0.0224	0.9659	0.9315	0.2128
turkish	0.7500	0.1250	0.7540	0.6667	0.2694
tvnews	0.8917	0.1083	0.8823	0.7637	0.4630
tvnews1%	0.9154	0.0846	0.9086	0.8143	0.3706
tvnews10%	0.8890	0.1110	0.8793	0.7563	0.4611
urban	0.7612	0.0531	0.8053	0.7201	0.1742
urinalysis	0.9441	0.0559	0.7030	0.3998	0.5822
ustilago	0.9905	0.0095	0.7396	0.4779	0.5080
ustilago1%	0.9853	0.0147	0.5879	0.1745	0.5633
ustilago10%	0.9902	0.0098	0.7010	0.3530	0.3974
vehicle	0.7262	0.1369	0.7037	0.6347	0.2377
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5758	0.0771	0.5916	0.5333	0.2180
vowelZ	0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17	0.9214	0.0786	0.7010	0.3338	0.4737
wap-wc	0.0833	0.0917	0.0692	0.0281	0.3513
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.6739	0.0932	0.6458	0.6178	0.3046
watch-acc1%	0.6631	0.0963	0.6347	0.6051	0.3046
watch-acc10%	0.6725	0.0936	0.6444	0.6162	0.3038
watch-gyr	0.6512	0.0997	0.6237	0.5917	0.2969
watch-gyr1%	0.6500	0.1000	0.6218	0.5904	0.2924
watch-gyr10%	0.6508	0.0998	0.6222	0.5913	0.2950
water_pollution	0.2100	0.3950	0.2113	-0.0533	0.8877
waveform	0.8440	0.1040	0.8442	0.7660	0.3600
weather-related	0.9327	0.0122	0.9385	0.9235	0.0774
web-phishing	0.7704	0.1531	0.5812	0.5786	0.5454
weight-lift	0.9297	0.0281	0.9267	0.9110	0.1226
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wifi-loc	0.9850	0.0075	0.9854	0.9800	0.0341
wilt	0.9420	0.0580	0.5891	0.1517	0.5927
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5157	0.1614	0.2467	0.2288	0.5026
winequality-white	0.5112	0.1396	0.2643	0.2317	0.5220
winnipeg	0.9836	0.0047	0.9747	0.9792	0.0492
winnipeg10%	0.9825	0.0050	0.9802	0.9779	0.0451
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.9375	0.0083	0.9164	0.9328	0.0137
yeast	0.5203	0.0959	0.3786	0.3906	0.4318
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.7155	0.4272	0.5783
yeastME1	0.9662	0.0338	0.7787	0.5293	0.5593
yeastME2	0.9324	0.0676	0.6251	0.2503	0.6337
zip	0.9075	0.0185	0.8997	0.8963	0.1357

Table 342: Detailed results for LDWD(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1542	0.0806	0.0812	0.0569	0.4623
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8592	0.1408	0.7975	0.5860	0.5790
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7524	0.0990	0.2552	0.3776	0.2172
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8558	0.1442	0.8398	0.6778	0.5580
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9360	0.0320	0.6830	0.8757	0.1567
anuran-genus	0.9416	0.0146	0.7591	0.9027	0.1643
anuran-species	0.9444	0.0111	0.8056	0.9222	0.0971
anxiety	0.0917	0.2019	0.0905	-0.0242	0.8313
apple-quality	0.7300	0.2700	0.7317	0.4600	0.7710
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.7111	0.0578	0.4025	0.4846	0.2364

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.8873	0.1127	0.6836	0.2263	0.3990
audiology	0.9091	0.0165	0.9441	0.8932	0.0533
audit-risk	0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7500	0.1000	0.6879	0.6599	0.1996
avila	0.5141	0.0810	0.2459	0.2639	0.3457
babies	0.4435	0.1590	0.1447	0.1177	0.4336
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.9128	0.0872	0.7583	0.5080	0.5672
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8928	0.7765	0.3794
basehock	0.9497	0.0503	0.9501	0.8995	0.2604
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9973	0.0027	0.9176	0.8320	0.2013
biodeg	0.8857	0.1143	0.8803	0.7600	0.4858
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5843	0.2078	0.5727	0.4458	0.5027
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6525	0.6970	0.0841
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8563	0.0718	0.6118	0.6843	0.2181
card	0.8551	0.1449	0.8513	0.7026	0.5548
cardiotocography	0.7653	0.0469	0.6529	0.7147	0.2105
cardiotocography-nsp	0.8779	0.0814	0.7631	0.6641	0.4193
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5467	0.4084	0.5899
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.7462	0.2538	0.7443	0.4884	0.7571
cas_N6512_RDkit_AtomPair_FP	0.7423	0.2577	0.7401	0.4796	0.7620
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7569	0.2431	0.7553	0.5105	0.7404
cas_N6512_rdkit_FEATMORGAN	0.7512	0.2488	0.7491	0.4978	0.7490
cas_N6512_RDkit_FP	0.7469	0.2531	0.7451	0.4900	0.7559
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7634	0.2366	0.7616	0.5195	0.7204
cas_N6512_RDkit_MACCS_FP	0.7699	0.2301	0.7687	0.5374	0.7190
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7969	0.2031	0.7956	0.5912	0.6715
cas_N6512_RDkit_pattern_FP	0.7883	0.2117	0.7874	0.5748	0.6868
cas_N6512_rdkit_RDKITFP	0.7327	0.2673	0.7313	0.4626	0.7771
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.9663	0.0337	0.7236	0.3978	0.4194
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.7971	0.5940	0.6589
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6348	0.1761	0.5943
churn-bigml	0.8727	0.1273	0.6906	0.2265	0.3829
ci900367j_MACCS	0.7263	0.2737	0.7063	0.4122	0.7978
circles	0.0970	0.0181	0.0950	0.0879	0.2433
cirrhosis	0.8333	0.1111	0.5683	0.6644	0.2997
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7722	0.1139	0.4954	0.6258	0.2931
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4830	0.3447	0.3552	0.1415	0.6177
cnae-9	0.9722	0.0062	0.9729	0.9688	0.0312
codon_usage	0.8557	0.0262	0.6629	0.8237	0.2167
coil20	0.9653	0.0035	0.9669	0.9634	0.0246
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.4600	0.0720	0.3505	0.3965	0.2332
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7586	0.2414	0.5904	0.1288	0.7232
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7668	0.2332	0.7668	0.5336	0.7230
coupon	0.6861	0.3139	0.6767	0.3516	0.8408
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9473	0.0527	0.8822	0.7599	0.3618

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9457	0.0543	0.7531	0.4794	0.4744
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8793	0.0402	0.6571	0.7398	0.2510
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1562	0.0422	0.0887	0.1351	0.1335
cybersecurity	0.1633	0.2789	0.1649	-0.0067	0.8740
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.6481	0.3519	0.6471	0.2924	0.8747
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8187	0.1813	0.6949	0.3263	0.6017
defect	0.8889	0.1111	0.7656	0.4511	0.3846
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9011	0.0989	0.7203	0.4180	0.5798
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7667	0.2333	0.6622	0.3171	0.7815
diabetes	0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5588	0.2941	0.3433	0.0684	0.4115
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8667	0.0667	0.6913	0.8112	0.1135
diamonds_all	0.6383	0.1447	0.5044	0.4636	0.4040
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.5714	0.1429	0.9438
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5718	0.4282	0.5687	0.1367	0.9518
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7585	0.1610	0.6451	0.5831	0.4424
drug-01	0.4096	0.1687	0.1485	0.0764	0.5199
drug-02	0.5213	0.1368	0.2162	0.1045	0.4541
drug-03	0.6915	0.0881	0.1172	0.0096	0.1975
drug-04	0.5426	0.1307	0.2002	0.1076	0.4242
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.2374	0.2558	0.4823
drug-07	0.4681	0.1520	0.1414	0.0935	0.3502
drug-08	0.5532	0.1277	0.1650	0.0540	0.3478
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1538	0.1375	0.3501
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5851	0.1185	0.1597	0.1248	0.4102
drug-14	0.5798	0.1201	0.2111	0.2118	0.4539
drug-15	0.7553	0.0699	0.1237	0.0222	0.2430
drug-16	0.5957	0.1155	0.2651	0.2923	0.3685

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-17	0.3511	0.1854	0.1534	0.0993	0.5487
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9221	0.0223	0.9351	0.9058	0.1269
ecoli	0.8529	0.0490	0.7162	0.7962	0.1645
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2300	0.3850	0.2612	-0.0272	0.7633
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6208	0.3792	0.6231	0.1844	0.7628
eeg10%	0.3164	0.0854	0.2327	0.2386	0.5332
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6164	0.1534	0.5781	0.4957	0.4067
euthyroid	0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5225	0.4775	0.5323	0.0375	0.8110
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.8130	0.0220	0.7098	0.7847	0.1179
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9071	0.8932	0.0993
gas	0.9914	0.0029	0.9915	0.9895	0.0229
gastrointestinal	0.6875	0.2083	0.6333	0.4872	0.5512
gender	0.5874	0.2751	0.3318	0.0013	0.3638
gene	0.9117	0.0589	0.9025	0.8590	0.2468
german	0.7600	0.2400	0.7271	0.4015	0.6372
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.5101	0.4899	0.3378	0.0000	0.5269
glass	0.5714	0.1429	0.5806	0.3903	0.3236
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.4667	0.2667	0.4656	0.2547	0.4418
gsalc	0.7778	0.0741	0.8470	0.7313	0.1151
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.7396	0.1042	0.7296	0.6691	0.4014
har70	0.7617	0.0681	0.3895	0.6129	0.1538
har701%	0.7602	0.0685	0.3864	0.6103	0.1530
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.6620	0.0563	0.2254	0.5129	0.2242
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8387	0.1613	0.8369	0.6723	0.5819
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.8520	0.1480	0.8261	0.6516	0.5876
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6600	0.3400	0.6577	0.3090	0.8567
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1690	0.0968	0.3480
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.4262	0.2800	0.5134
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5801	0.2799	0.5844	0.3715	0.6475
htru2	0.9804	0.0196	0.9389	0.8746	0.1719
hypothyroid	0.9337	0.0332	0.5211	0.4792	0.2126
hypothyroidT	0.9655	0.0345	0.8668	0.6944	0.1058
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9367	0.0317	0.9379	0.9156	0.1248
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.8000	0.1333	0.7722	0.6939	0.2545
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8182	0.1818	0.6381	0.1391	0.5043
jvowels	0.9317	0.0152	0.9260	0.9226	0.1024
kc1	0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot	0.8667	0.1333	0.8696	0.7059	0.3322
kc1-class-level-numericdefect	0.6923	0.1231	0.3687	0.3158	0.2965
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7500	0.2500	0.5148	0.0231	0.8187
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.0526	0.9474	0.0500	0.0000	0.1368
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.8452	0.1032	0.7936	0.7438	0.2473
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2781	0.0802	0.1615	0.1707	0.5126
krvskp	0.9624	0.0376	0.9627	0.9247	0.2102
la2s-wc	0.8775	0.0408	0.8699	0.8441	0.1827
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0205	0.7769	0.7536	0.0576
led24	0.6500	0.0778	0.6106	0.6011	0.1596
lenses	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
letter	0.6835	0.0243	0.6801	0.6708	0.2909
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.7222	0.0370	0.7069	0.7022	0.1126
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9251	0.0749	0.9199	0.8397	0.3628
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.3513	0.1179	0.0926	0.1272	0.4484
lrs	0.8679	0.0377	0.6445	0.8158	0.0917
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.9286	0.0476	0.9513	0.8716	0.1460
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5846	0.4154	0.5853	0.1692	0.9378
magic04	0.7859	0.2141	0.7572	0.5068	0.6947
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.9062	0.0938	0.7888	0.5404	0.4428
maternal	0.6436	0.2376	0.6503	0.4502	0.5328
math	0.7000	0.1500	0.5609	0.5122	0.3160
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2433	0.3027	0.2482	0.0525	0.8306
messidor	0.7391	0.2609	0.7418	0.4789	0.7540
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.6206	0.6842	0.2355
meter-D	0.8333	0.0833	0.6702	0.7621	0.1321
mfeat-fac	0.9750	0.0050	0.9754	0.9722	0.0289
mfeat-fou	0.8000	0.0400	0.7969	0.7778	0.1650
mfeat-kar	0.9550	0.0090	0.9567	0.9500	0.0537
mfeat-mor	0.7050	0.0590	0.7045	0.6722	0.2260
mfeat-pix	0.9650	0.0070	0.9656	0.9611	0.0416
mfeat-zer	0.8400	0.0320	0.8335	0.8222	0.1061
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8774	0.0818	0.8846	0.8155	0.2699
mines	0.5000	0.2000	0.4135	0.3724	0.3912
mobile	0.5455	0.0162	0.4871	0.5372	0.1836
monks-1	0.6182	0.3818	0.6203	0.2326	0.8914
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
musk	0.9470	0.0530	0.8931	0.7683	0.2217
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7146	0.2854	0.7059	0.4118	0.8071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.7614	0.2386	0.7517	0.4998	0.7305
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.7760	0.2240	0.7684	0.5365	0.7131
MUT_ci300400a_rdkit_descriptors	0.7907	0.2093	0.7849	0.5693	0.6852
myocardial	0.8824	0.0294	0.3530	0.4018	0.0941
naticusdroid	0.9628	0.0372	0.9629	0.9257	0.2123
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8681	0.0139	0.2158	0.5877	0.1803
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6456	0.3544	0.6428	0.2850	0.8849
NHANES_age_prediction	0.9956	0.0044	0.9919	0.9837	0.0848
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9182	0.0409	0.6975	0.8788	0.1229
obesity	0.7062	0.0840	0.6989	0.6570	0.2929
obs	0.7778	0.1111	0.8226	0.6701	0.2797
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9891	0.0054	0.9620	0.9670	0.0360
oh0-wc	0.8515	0.0297	0.8494	0.8292	0.1395
oh10-wc	0.6952	0.0610	0.6941	0.6527	0.2786
oh15-wc	0.6957	0.0609	0.6609	0.6523	0.2745
oh5-wc	0.7363	0.0527	0.7464	0.7007	0.2340
olive	0.9298	0.0156	0.9215	0.9118	0.0463
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9537	0.0093	0.9552	0.9486	0.0668
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.1000	0.0450	0.0195	0.0769	0.2738
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8402	0.1598	0.8294	0.6554	0.5996
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9580	0.0168	0.6635	0.7295	0.1221
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8009	0.1991	0.7951	0.5872	0.6668
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8769	0.1231	0.8440	0.6864	0.5325
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia	0.8824	0.0336	0.8069	0.8547	0.0910
pendigits	0.9217	0.0157	0.9215	0.9130	0.1122
period	0.8889	0.1111	0.8784	0.7273	0.2846

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.8134	0.1866	0.7978	0.5924	0.6435
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9100	0.0900	0.8992	0.7831	0.3023
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.5337	0.1332	0.5165	0.4575	0.3081
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.5643	0.1245	0.5413	0.4879	0.3920
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7815	0.2185	0.7229	0.4444	0.7429
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9824	0.0118	0.9664	0.9438	0.0954
placement	0.7980	0.2020	0.7928	0.5857	0.6740
plant-growth	0.7368	0.2632	0.7531	0.4809	0.6961
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4907	0.1455	0.1338	-0.0068	0.2770
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
polya	0.7859	0.2141	0.7609	0.5175	0.7002
popularity	0.6620	0.2253	0.4078	0.1720	0.4404
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6353	0.2647	0.8828
prestige	0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor	0.4848	0.0793	0.3856	0.4234	0.2468
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7612	0.2388	0.7293	0.4586	0.7576
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8286	0.0686	0.7541	0.7664	0.2372
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5038	0.4963	0.5038	0.0075	0.9979
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9785	0.0215	0.9329	0.8604	0.1560
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.7831	0.0173	0.6009	0.7477	0.1321
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0892
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6241	0.3759	0.5893	0.1578	0.8730

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8134	0.0622	0.7626	0.7661	0.2048
satimageF	0.9844	0.0156	0.9589	0.9167	0.1403
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9264	0.0210	0.9323	0.9140	0.0860
segmentation	0.8267	0.1733	0.8087	0.6164	0.6280
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8635	0.1365	0.5687	0.0487	0.4933
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8840	0.1160	0.7406	0.4347	0.5189
shuttle	0.9234	0.0219	0.4551	0.7585	0.2057
sick	0.9602	0.0398	0.8172	0.6142	0.3752
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9284	0.0716	0.8965	0.7912	0.4401
skin10%	0.9252	0.0748	0.8905	0.7799	0.4495
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2000	0.3200	0.2011	-0.0019	0.8614
solar-flare	0.7554	0.0815	0.6970	0.6847	0.1851
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9455	0.0545	0.8204	0.6315	0.4435
spambase	0.9152	0.0848	0.9111	0.8202	0.3754
spect	0.8519	0.1481	0.7657	0.5135	0.5964
spectf	0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer	0.3077	0.0513	0.1736	0.2539	0.2465
splice-EI	0.9653	0.0347	0.9553	0.9099	0.2583
splice-IE	0.9085	0.0915	0.8717	0.7432	0.4714
sport-articles	0.8200	0.1800	0.8037	0.5911	0.5877
squash-stored	0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7520	0.1653	0.6968	0.5956	0.4733
steel-b	0.8359	0.1641	0.7227	0.4233	0.6472
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9767	0.9533	0.1586
steel-o	0.7538	0.2462	0.7154	0.3962	0.6954

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-p	0.9179	0.0821	0.6255	0.1729	0.5109
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9167	0.0833	0.8521	0.7004	0.4623
stockb	0.9251	0.0499	0.9303	0.8877	0.1258
streaming	0.8020	0.1980	0.7998	0.5995	0.6631
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6400	0.1440	0.3817	0.3905	0.3236
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4100	0.2360	0.1897	0.0679	0.5167
student-weekend	0.4154	0.2338	0.1888	0.1303	0.4525
student-workday	0.6875	0.1250	0.1645	0.0123	0.3402
studentap	0.3846	0.4103	0.2745	0.0000	0.5086
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7928	0.2072	0.7931	0.5763	0.6491
susy10%	0.7904	0.2096	0.7909	0.5712	0.6517
tae	0.4000	0.4000	0.3964	0.1000	0.7207
telco-churn	0.9034	0.0966	0.8740	0.7472	0.4657
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.7805	0.0488	0.7103	0.7261	0.2034
trec12-wc	0.8065	0.0484	0.8519	0.7657	0.1547
trec21-wc	0.9394	0.0242	0.7708	0.8738	0.1263
trec23-wc	0.7619	0.0794	0.7224	0.6884	0.2127
trec31-wc	0.9462	0.0179	0.9505	0.9283	0.0907
trec41-wc	0.9091	0.0182	0.8059	0.8874	0.0858
trec45-wc	0.7971	0.0406	0.7263	0.7610	0.1645
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.8250	0.0875	0.8244	0.7667	0.1948
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9231	0.0769	0.9174	0.8349	0.3756
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7910	0.0464	0.8252	0.7551	0.1564
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7381	0.1310	0.7251	0.6515	0.2363
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.4444	0.1010	0.3872	0.3889	0.2438
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.4030	0.1706	0.3500	0.3019	0.4268
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2133	0.3933	0.2149	-0.0489	0.8830
waveform	0.8400	0.1067	0.8402	0.7600	0.3678
weather-related	0.9692	0.0056	0.9716	0.9651	0.0348
web-phishing	0.8074	0.1284	0.5593	0.6400	0.4094
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9650	0.0175	0.9653	0.9533	0.0753
wilt	0.9752	0.0248	0.8553	0.7016	0.3370
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5975	0.1342	0.2711	0.3434	0.3858
winequality-white	0.5215	0.1367	0.2071	0.2140	0.4107
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7986	0.7992	0.0481
yeast	0.5203	0.1066	0.3578	0.3652	0.3814
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 343: Detailed results for LDWD(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2000	0.0762	0.1307	0.1153	0.4663
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8592	0.1408	0.7975	0.5860	0.5790
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8095	0.0762	0.4496	0.5538	0.2184
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8294	0.6570	0.5809
anneal	0.9888	0.0045	0.9858	0.9759	0.0146
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9583	0.0209	0.9185	0.9196	0.1201
anuran-genus	0.9764	0.0059	0.9396	0.9611	0.1288
anuran-species	0.9847	0.0031	0.9659	0.9788	0.0471
anxiety	0.1000	0.2000	0.0731	-0.0189	0.6756
apple-quality	0.7300	0.2700	0.7317	0.4600	0.7710
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.6889	0.0622	0.5703	0.4488	0.3112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.8873	0.1127	0.6836	0.2263	0.3990
audiology	0.9091	0.0165	0.9556	0.8937	0.0553
audit-risk	0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9064	0.8667	0.0861
avila	0.5692	0.0718	0.4135	0.3551	0.3296
babies	0.4274	0.1636	0.1377	0.0844	0.3777
balance	0.9194	0.0538	0.8845	0.8604	0.3020
bank	0.9128	0.0872	0.7583	0.5080	0.5672
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8928	0.7765	0.3794
basehock	0.9497	0.0503	0.9501	0.8995	0.2604
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9973	0.0027	0.9176	0.8320	0.2013
biodeg	0.8857	0.1143	0.8803	0.7600	0.4858
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6358	0.1821	0.6348	0.5144	0.4942
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.5455	0.1515	0.4706	0.4500	0.1742
bridges	0.8000	0.0667	0.6525	0.6970	0.0841
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9253	0.0374	0.9342	0.8435	0.2244
card	0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography	0.8451	0.0310	0.8125	0.8141	0.1780
cardiotocography-nsp	0.8967	0.0689	0.8118	0.7110	0.3535
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5847	0.4606	0.5339
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.7462	0.2538	0.7443	0.4884	0.7571
cas_N6512_RDkit_AtomPair_FP	0.7423	0.2577	0.7401	0.4796	0.7620
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.7569	0.2431	0.7553	0.5105	0.7404
cas_N6512_rdkit_FEATMORGAN	0.7296	0.2704	0.7274	0.4546	0.7816
cas_N6512_RDkit_Featmorgan_FP	0.7730	0.2270	0.7713	0.5425	0.7136
cas_N6512_RDkit_FP	0.7469	0.2531	0.7451	0.4900	0.7559
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.7634	0.2366	0.7616	0.5195	0.7204
cas_N6512_RDkit_MACCS_FP	0.7699	0.2301	0.7687	0.5374	0.7190
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.7969	0.2031	0.7956	0.5912	0.6715
cas_N6512_RDkit_pattern_FP	0.7883	0.2117	0.7874	0.5748	0.6868
cas_N6512_rdkit_RDKITFP	0.7327	0.2673	0.7313	0.4626	0.7771
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds	0.9663	0.0337	0.7236	0.3978	0.4194
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.7971	0.5940	0.6589
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6348	0.1761	0.5943
churn-bigml	0.8614	0.1386	0.6717	0.0845	0.2804
ci900367j_MACCS	0.6737	0.3263	0.6417	0.2794	0.8631
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.5163	0.5161	0.3788
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7944	0.1028	0.5454	0.6738	0.3170
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4762	0.3492	0.4513	0.1708	0.7577
cnae-9	0.9537	0.0103	0.9544	0.9479	0.0520
codon_usage	0.8841	0.0211	0.7446	0.8588	0.1699
coil20	0.9931	0.0007	0.9937	0.9927	0.0048
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.8600	0.0187	0.7122	0.8454	0.0542
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6897	0.3103	0.6837	0.3587	0.8095
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7644	0.2356	0.7644	0.5288	0.7269
coupon	0.6861	0.3139	0.6767	0.3516	0.8408
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.9473	0.0527	0.8822	0.7599	0.3618
covtypeT	0.9457	0.0543	0.7531	0.4794	0.4744
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9005	0.0332	0.7640	0.7896	0.2708
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5938	0.0203	0.4318	0.5823	0.0487
cybersecurity	0.1567	0.2811	0.0772	-0.0243	0.5324
cyclopentane	0.6296	0.3704	0.6201	0.2373	0.9000
cylinder-bands	0.7037	0.2963	0.6942	0.3872	0.8199
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8187	0.1813	0.6949	0.3263	0.6017
defect	0.8827	0.1173	0.7477	0.4323	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9011	0.0989	0.7203	0.4180	0.5798
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7667	0.2333	0.6622	0.3171	0.7815
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%	0.5980	0.2680	0.3894	0.1976	0.4776
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6689	0.1324	0.5864	0.5158	0.4019
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.5714	0.1429	0.9438
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5699	0.4301	0.5665	0.1322	0.9530
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7675	0.1550	0.6855	0.6094	0.4601
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5426	0.1307	0.2172	0.0317	0.2839
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.2262	0.2482	0.4942
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5745	0.1216	0.1849	0.0877	0.3055
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1587	0.1514	0.3519
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6117	0.1109	0.1734	0.2268	0.3807
drug-14	0.5904	0.1170	0.2224	0.2143	0.3906
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.5904	0.1170	0.2429	0.2938	0.3819
drug-17	0.3617	0.1824	0.1702	0.1133	0.5002
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9295	0.0202	0.9414	0.9147	0.1168
ecoli	0.8824	0.0392	0.7367	0.8361	0.1292
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.2579	-0.0024	0.7773
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.6208	0.3792	0.6231	0.1844	0.7628
eeg10%	0.3959	0.0755	0.4128	0.3293	0.5754
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6986	0.1205	0.6828	0.6128	0.3669
euthyroid	0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.7683	0.0273	0.7175	0.7350	0.2211
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.8654	0.0673	0.8284	0.8145	0.2027
gas	0.9942	0.0019	0.9940	0.9930	0.0159
gastrointestinal	0.7500	0.1667	0.6808	0.5817	0.4216
gender	0.5937	0.2709	0.3714	0.1177	0.5122
gene	0.9211	0.0526	0.9122	0.8743	0.2262
german	0.7600	0.2400	0.7271	0.4015	0.6372
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.5101	0.4899	0.3378	0.0000	0.5269
glass	0.7143	0.0952	0.6880	0.5896	0.2365
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage	0.4667	0.2667	0.3781	0.2593	0.4014
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.7946	0.0822	0.7845	0.7388	0.3360
har70	0.7722	0.0651	0.3972	0.6291	0.1354
har701%	0.7717	0.0652	0.3958	0.6285	0.1364
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth	0.6801	0.0533	0.2690	0.5422	0.1853
harth1%	0.4493	0.0918	0.0517	0.0000	0.2692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.2500	0.5000	0.2997	-0.1566	0.7433
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.8520	0.1480	0.8261	0.6516	0.5876
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6600	0.3400	0.6577	0.3090	0.8567
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2857	0.1786	0.1154	0.1195	0.3047
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9309	0.0691	0.8746	0.7484	0.4369
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.4401	0.2632	0.4861
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.5990	0.2673	0.6030	0.3961	0.6343
htru2	0.9804	0.0196	0.9389	0.8746	0.1719
hypothyroid	0.9735	0.0133	0.6659	0.8353	0.1856
hypothyroidT	0.9655	0.0345	0.8668	0.6944	0.1058
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9493	0.0253	0.9506	0.9324	0.0952
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8182	0.1818	0.6381	0.1391	0.5043
jvowels	0.9588	0.0091	0.9566	0.9533	0.0669
kc1	0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.5385	0.1846	0.1556	0.0714	0.4710
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7500	0.2500	0.5148	0.0231	0.8187
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.8755	0.0830	0.8324	0.7941	0.2172
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3062	0.0771	0.2713	0.2113	0.5386
krvskp	0.9624	0.0376	0.9627	0.9247	0.2102
la2s-wc	0.8709	0.0430	0.8618	0.8371	0.2155
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8529	0.0128	0.8296	0.8452	0.0397

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.6000	0.0889	0.5634	0.5455	0.1947
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.8460	0.0118	0.8464	0.8398	0.1625
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.9142	0.8807	0.0528
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9251	0.0749	0.9199	0.8397	0.3628
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.4278	0.1040	0.1377	0.1870	0.3767
lrs	0.8868	0.0323	0.6525	0.8427	0.0688
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5846	0.4154	0.5853	0.1692	0.9378
magic04	0.7859	0.2141	0.7572	0.5068	0.6947
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8535	0.7064	0.5488
marketing	0.9062	0.0938	0.7888	0.5404	0.4428
maternal	0.6139	0.2574	0.6126	0.4055	0.5583
math	0.7750	0.1125	0.7302	0.6460	0.3253
mba	0.8355	0.1097	0.3706	0.0336	0.2775
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2233	0.3107	0.1290	0.0198	0.5315
messidor	0.7391	0.2609	0.7418	0.4789	0.7540
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8674	0.8435	0.1168
meter-D	0.7778	0.1111	0.6252	0.6828	0.2443
mfeat-fac	0.9750	0.0050	0.9755	0.9722	0.0314
mfeat-fou	0.8600	0.0280	0.8624	0.8444	0.1348
mfeat-kar	0.9750	0.0050	0.9767	0.9722	0.0311
mfeat-mor	0.7100	0.0580	0.7126	0.6778	0.2007
mfeat-pix	0.9350	0.0130	0.9366	0.9278	0.0712
mfeat-zer	0.8400	0.0320	0.8421	0.8222	0.0890
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9245	0.0503	0.9272	0.8858	0.1701
mines	0.5000	0.2000	0.4355	0.3738	0.4046
mobile	0.8112	0.0067	0.8205	0.8077	0.0850
monks-1	0.6182	0.3818	0.6203	0.2326	0.8914
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0350	0.1755	0.0061	0.0000	0.3819
musk	0.9470	0.0530	0.8931	0.7683	0.2217
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.7146	0.2854	0.7059	0.4118	0.8071
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.7614	0.2386	0.7517	0.4998	0.7305
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.7760	0.2240	0.7684	0.5365	0.7131
MUT_ci300400a_rdkit_descriptors	0.7907	0.2093	0.7849	0.5693	0.6852
myocardial	0.8765	0.0309	0.2784	0.3719	0.0968
naticusdroid	0.9628	0.0372	0.9629	0.9257	0.2123
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8880	0.0118	0.3117	0.6497	0.1862
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6456	0.3544	0.6428	0.2850	0.8849
NHANES_age_prediction	0.9956	0.0044	0.9919	0.9837	0.0848
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9313	0.0343	0.8851	0.8990	0.1420
obesity	0.9431	0.0162	0.9419	0.9336	0.0824
obs	0.8611	0.0694	0.9006	0.7881	0.1578
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9931	0.0035	0.9767	0.9790	0.0301
oh0-wc	0.7624	0.0475	0.7277	0.7257	0.2284
oh10-wc	0.6857	0.0629	0.6588	0.6412	0.2895
oh15-wc	0.6087	0.0783	0.6115	0.5554	0.3828
oh5-wc	0.7912	0.0418	0.7912	0.7632	0.1751
olive	0.9649	0.0078	0.9509	0.9565	0.0248
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9804	0.0039	0.9814	0.9782	0.0291
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.1750	0.0413	0.1157	0.1538	0.2859
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8402	0.1598	0.8294	0.6554	0.5996
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9689	0.0124	0.7013	0.8096	0.1083
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.8009	0.1991	0.7951	0.5872	0.6668
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.8769	0.1231	0.8440	0.6864	0.5325
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7895	0.5789	0.6440

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pediatric-leukemia	0.7941	0.0588	0.7203	0.7421	0.1519
pendigits	0.9800	0.0040	0.9803	0.9777	0.0338
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.8134	0.1866	0.7978	0.5924	0.6435
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.9100	0.0900	0.8992	0.7831	0.3023
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%	0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%	0.5812	0.1197	0.5260	0.5096	0.3110
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%	0.7387	0.0747	0.7117	0.6938	0.2525
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7815	0.2185	0.7229	0.4444	0.7429
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9909	0.0061	0.9839	0.9708	0.0507
placement	0.7980	0.2020	0.7928	0.5857	0.6740
plant-growth	0.7368	0.2632	0.7531	0.4809	0.6961
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7859	0.2141	0.7614	0.5195	0.7025
popularity	0.6643	0.2238	0.4110	0.1907	0.4500
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5152	0.0746	0.3903	0.4568	0.2409
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7612	0.2388	0.7293	0.4586	0.7576
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8612	0.0555	0.8115	0.8137	0.2305
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5038	0.4963	0.5037	0.0075	0.9978
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9785	0.0215	0.9329	0.8604	0.1560
raisin	0.9222	0.0778	0.9232	0.8444	0.3519
re0-wc	0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc	0.7169	0.0227	0.5427	0.6685	0.1794
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rice	0.9868	0.0132	0.9867	0.9733	0.0892
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6241	0.3759	0.5945	0.1804	0.9016
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8616	0.0461	0.8339	0.8289	0.2001
satimageF	0.9844	0.0156	0.9589	0.9167	0.1403
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.7143	0.1143	0.5455	0.6111	0.0986
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6471	0.3529	0.6481	0.2941	0.8778
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9524	0.0136	0.9569	0.9443	0.0630
segmentation	0.8119	0.1881	0.7927	0.5848	0.6599
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8635	0.1365	0.5687	0.0487	0.4933
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8840	0.1160	0.7406	0.4347	0.5189
shuttle	0.9810	0.0054	0.8281	0.9465	0.1613
sick	0.9602	0.0398	0.8172	0.6142	0.3752
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9284	0.0716	0.8965	0.7912	0.4401
skin10%	0.9252	0.0748	0.8905	0.7799	0.4495
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1800	0.3280	0.0988	-0.0336	0.5504
solar-flare	0.7554	0.0815	0.5817	0.6840	0.1862
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9455	0.0545	0.8204	0.6315	0.4435
spambase	0.9152	0.0848	0.9111	0.8202	0.3754
spect	0.8519	0.1481	0.7657	0.5135	0.5964
spectf	0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer	0.7500	0.0185	0.6230	0.7352	0.0697
splice-EI	0.9653	0.0347	0.9553	0.9099	0.2583
splice-IE	0.9085	0.0915	0.8717	0.7432	0.4714
sport-articles	0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7643	0.1572	0.7178	0.6183	0.4554
steel-b	0.8359	0.1641	0.7227	0.4233	0.6472
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-k	0.9744	0.0256	0.9622	0.9235	0.2378
steel-o	0.7538	0.2462	0.7154	0.3962	0.6954
steel-p	0.9179	0.0821	0.6618	0.2948	0.5925
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9167	0.0833	0.8498	0.6905	0.4335
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8020	0.1980	0.7996	0.5992	0.6630
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6400	0.1440	0.3534	0.3996	0.3945
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4200	0.2320	0.1939	0.0782	0.4587
student-weekend	0.4000	0.2400	0.2072	0.1256	0.5168
student-workday	0.6875	0.1250	0.1630	-0.0248	0.2966
studentap	0.5385	0.3077	0.4097	0.2500	0.4742
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7928	0.2072	0.7931	0.5763	0.6491
susy10%	0.7904	0.2096	0.7909	0.5712	0.6517
tae	0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn	0.9034	0.0966	0.8740	0.7472	0.4657
texture	1.0000	0.0000	1.0000	1.0000	0.0000
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.7561	0.0542	0.6589	0.6906	0.2102
trec12-wc	0.8710	0.0323	0.8928	0.8416	0.0900
trec21-wc	0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc	0.7143	0.0952	0.6173	0.6250	0.2708
trec31-wc	0.9462	0.0179	0.9309	0.9287	0.1267
trec41-wc	0.8636	0.0273	0.6943	0.8293	0.1259
trec45-wc	0.7536	0.0493	0.7125	0.7081	0.1905
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.8250	0.0875	0.8404	0.7667	0.2030
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.9231	0.0769	0.9174	0.8349	0.3756
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7761	0.0498	0.8010	0.7368	0.1490
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7500	0.1250	0.7441	0.6678	0.2322
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6061	0.0716	0.6383	0.5667	0.2005

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vowelZ	0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.6682	0.0948	0.6572	0.6112	0.3630
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.6862	0.0897	0.6807	0.6332	0.3261
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2700	0.3650	0.1758	0.0208	0.5673
waveform	0.8440	0.1040	0.8442	0.7660	0.3590
weather-related	0.0635	0.1703	0.0109	0.0000	0.3962
web-phishing	0.8074	0.1284	0.6769	0.6497	0.4911
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9752	0.0248	0.8553	0.7016	0.3370
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5786	0.1405	0.2680	0.3079	0.4011
winequality-white	0.5194	0.1373	0.2351	0.2121	0.4141
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5203	0.1066	0.4002	0.3823	0.3567
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 344: Detailed results for LF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1487	0.0587	0.0899	0.0659	0.5510
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9850	0.0150	0.7252	0.2900	0.1420
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9482	0.0518	0.8916	0.7831	0.4035
adult	0.8557	0.1443	0.7921	0.5817	0.6131
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_KlekotaRothFingerprinter	0.5238	0.4762	0.5481	0.0476	0.4273
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.7619	0.2381	0.5327	0.0622	0.8294
AID_602330	0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128	0.8586	0.0943	0.3080	-0.0312	0.3708
AID1284Morered	0.5833	0.4167	0.5661	0.0940	0.6115
AID1284red	0.8333	0.1667	0.5863	0.1628	0.7500
AID1608Morered	0.8155	0.1845	0.5513	0.0876	0.5779
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.2857	0.7143	0.2222	-0.2963	0.6098
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9998	0.0002	0.9850	0.9696	0.0014
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.2500	0.7500	0.2452	-0.4423	0.9289
AID644red	0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red	0.9945	0.0055	0.6862	0.1939	0.1536
aids	0.9014	0.0986	0.8605	0.7123	0.4372
air_pollution	0.3933	0.1733	0.1354	-0.0014	0.4891
air-booking	0.8508	0.1492	0.6060	0.1325	0.5850
airline	0.9624	0.0376	0.9619	0.9232	0.2056
alcohol	0.8857	0.0457	0.6275	0.7418	0.1257
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9535	0.0465	0.9489	0.8976	0.2582
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9861	0.0070	0.9509	0.9734	0.0355
anuran-genus	0.9805	0.0049	0.9421	0.9678	0.0932
anuran-species	0.9889	0.0022	0.9824	0.9845	0.0162
anxiety	0.1333	0.1926	0.1346	0.0228	0.8102
apple-quality	0.8675	0.1325	0.8675	0.7350	0.5185
aps-failure	0.9943	0.0057	0.9146	0.8245	0.1931
arabidopsis	0.9921	0.0079	0.6729	0.0314	0.0317
arabidopsis0.1%	0.7912	0.2088	0.5321	0.0107	0.1040
arabidopsis1%	0.9918	0.0082	0.4979	-0.0006	0.2035
arabidopsis10%	0.9920	0.0080	0.6000	0.0072	0.0615

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.6222	0.0581	0.2799	0.3995	0.2994
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.8696	0.0109	0.4015	0.8487	0.0376
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	0.6364	0.3636	0.5681	0.1200	0.8836
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.9655	0.0345	0.9665	0.9308	0.1598
autos	0.9000	0.0333	0.7230	0.8676	0.0699
avila	0.9952	0.0008	0.9943	0.9938	0.0113
babies	0.3952	0.1728	0.1662	0.0748	0.5522
balance	0.8548	0.0968	0.6087	0.7397	0.3774
bank	0.9116	0.0884	0.7695	0.5380	0.5895
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9124	0.0876	0.9051	0.8039	0.3561
basehock	0.8844	0.1156	0.8844	0.7688	0.4752
bio	0.9974	0.0026	0.9207	0.8335	0.1131
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8667	0.1333	0.8603	0.7200	0.5345
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0010	0.0491	0.0457	0.0578
bitcoin10%	0.9885	0.0008	0.1266	0.3924	0.1768
body-perf	0.7336	0.1332	0.7355	0.6448	0.4050
bookings	0.9919	0.0054	0.8312	0.9828	0.0816
brain-tumor	0.4875	0.5125	0.4875	-0.0250	1.0000
breast-cancer	0.7143	0.2857	0.6500	0.3000	0.8322
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.9000	0.0286	0.6767	0.8571	0.0295
bub10at310k-hg16-17	0.9224	0.0776	0.7157	0.3959	0.5270
bub12at310k-hg16-17	0.9154	0.0873	0.6435	0.0674	0.2795
bub8at310k-hg16-17	0.9029	0.0878	0.6635	0.0517	0.2172
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4410	0.3727	0.3013	-0.0381	0.6209
car	0.9885	0.0057	0.9789	0.9755	0.1021
car-insurance	0.8460	0.1540	0.8210	0.6419	0.6048
card	0.8696	0.1304	0.8695	0.7361	0.5115
cardiotocography	0.8920	0.0216	0.8937	0.8705	0.1318
cardiotocography-nsp	0.9484	0.0344	0.8996	0.8507	0.1531
cardiovascular	0.7165	0.2836	0.7165	0.4329	0.7990
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.7690	0.6875	0.4235
cas_N6512_cdk_ECFP2	0.7696	0.2304	0.7676	0.5345	0.7182
cas_N6512_rdkit_ATOMPAIR	0.7462	0.2538	0.7443	0.4884	0.7571
cas_N6512_RDkit_AtomPair_FP	0.7623	0.2377	0.7602	0.5191	0.7286
cas_N6512_rdkit_AVALON	0.8080	0.1920	0.8066	0.6131	0.6503
cas_N6512_RDkit_Avalon_FP	0.8114	0.1887	0.8108	0.6213	0.6432
cas_N6512_rdkit_descriptors	0.7985	0.2015	0.7974	0.5948	0.6685
cas_N6512_rdkit_FEATMORGAN	0.7711	0.2289	0.7697	0.5393	0.7172
cas_N6512_RDkit_Featmorgan_FP	0.7761	0.2239	0.7743	0.5482	0.7078
cas_N6512_RDkit_FP	0.7653	0.2347	0.7635	0.5269	0.7264
cas_N6512_rdkit_LAYERED	0.7969	0.2031	0.7963	0.5924	0.6706
cas_N6512_RDkit_Layered_FP	0.7699	0.2301	0.7680	0.5354	0.7176
cas_N6512_rdkit_MACCS	0.8172	0.1828	0.8158	0.6305	0.6285

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.8052	0.1948	0.8053	0.6097	0.6532
cas_N6512_rdkit_MORGAN	0.7692	0.2308	0.7673	0.5339	0.7187
cas_N6512_RDkit_morgan_FP	0.8037	0.1963	0.8021	0.6037	0.6570
cas_N6512_rdkit_PATTERN	0.7954	0.2046	0.7949	0.5894	0.6732
cas_N6512_RDkit_pattern_FP	0.7853	0.2147	0.7841	0.5682	0.6926
cas_N6512_rdkit_RDKITFP	0.7496	0.2504	0.7481	0.4963	0.7518
cas_N6512_rdkit_TORSION	0.7662	0.2338	0.7646	0.5291	0.7254
ccds1%	0.8077	0.1923	0.5143	0.0173	0.3829
ccds10%	0.9630	0.0370	0.6780	0.0665	0.1082
cdc_diabetes	0.8402	0.1065	0.4245	0.2183	0.4641
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7306	0.2694	0.7207	0.4361	0.7732
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9683	0.0317	0.7834	0.5503	0.4331
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.6502	0.2471	0.5031
CDS49_AID687_Rdkit-ecfp4-fp	0.9970	0.0030	0.4992	-0.0010	0.4761
census	0.9559	0.0441	0.7872	0.5535	0.4303
census10%	0.9473	0.0562	0.6963	0.3991	0.5657
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9651	0.0349	0.8269	0.6485	0.5273
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9422	0.0289	0.9390	0.9138	0.1384
chrom19	0.9998	0.0002	0.9482	0.8946	0.1263
chrom191%	0.9994	0.0006	0.9090	0.7997	0.4644
chrom1910%	0.9995	0.0005	0.8830	0.7645	0.3109
chrom21	0.9998	0.0002	0.4999	-0.0001	0.4657
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9997	0.0003	0.4999	-0.0001	0.5015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8590	0.1410	0.7597	0.4992	0.5895
churn-bigml	0.9513	0.0487	0.8978	0.7735	0.1434
ci900367j_MACCS	0.7474	0.2526	0.7289	0.4574	0.7669
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.5388	0.5521	0.3151
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8333	0.0833	0.7133	0.7363	0.3243
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5168	0.2826	0.7026
cnae-9	0.7500	0.0556	0.7602	0.7188	0.2584
codon_usage	0.9348	0.0119	0.7801	0.9204	0.0882
coil20	0.9236	0.0076	0.9291	0.9196	0.0489
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.5400	0.0613	0.4570	0.4929	0.2611
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2	0.7586	0.2414	0.7361	0.4587	0.7218
colposcopies-3	0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8387	0.1075	0.7853	0.7359	0.2503
comedy_comparisons1%	0.5154	0.4846	0.5170	0.0337	0.9868
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cottonmeloidogyne	0.7909	0.2091	0.7911	0.5818	0.6802
coupon	0.7815	0.2185	0.7760	0.5508	0.6995
covid19	0.5327	0.1335	0.2133	0.1790	0.6033
covtype	0.9727	0.0078	0.9529	0.9561	0.0877
covtype10%	0.9127	0.0249	0.8484	0.8584	0.2082
covtypeCD	0.9930	0.0070	0.9852	0.9703	0.0842
covtypeT	0.9862	0.0138	0.9457	0.8909	0.2052
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9996	0.0004	0.9347	0.8634	0.0758
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9521	0.0160	0.8831	0.9000	0.1069
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4688	0.0266	0.3384	0.4538	0.0819
customer-churn	0.9794	0.0206	0.7236	0.4446	0.5309
cybersecurity	0.1400	0.2867	0.1425	-0.0330	0.8999
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.3704	0.6296	0.3859	-0.2063	1.0000
darwin	0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0980	0.1804	0.0979	-0.0023	0.9311
day1%	0.9797	0.0206	0.9827	0.9414	0.1483
dbworld	0.5714	0.4286	0.6818	0.2222	0.5283
default	0.8240	0.1760	0.7134	0.4046	0.6666
defect	0.9599	0.0401	0.9227	0.8399	0.2297
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9073	0.0927	0.7573	0.5101	0.5893
depressed	0.8322	0.1678	0.5942	0.0997	0.5748
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.6525	0.4146	0.3469
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7500	0.2500	0.6593	0.3182	0.8034
diabetes	0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k	0.9685	0.0315	0.8906	0.7624	0.1783
diabetes-risk	0.9155	0.0845	0.8679	0.7346	0.4592
diabetic	0.5887	0.2742	0.4628	0.2157	0.6136
diabetic1%	0.3824	0.4118	0.3192	-0.0375	0.8174
diabetic10%	0.5216	0.3189	0.3703	0.0993	0.7236
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7913	0.0835	0.7868	0.7044	0.3165
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.6118	0.0057	0.0322
dorothea	0.9130	0.0870	0.6741	0.2552	0.4630
dota2	0.5981	0.4019	0.5955	0.1903	0.9303
dota210%	0.5602	0.4398	0.5572	0.1139	0.9611
drebin	0.9927	0.0073	0.9921	0.9843	0.0591
dropout	0.7540	0.1640	0.6655	0.5849	0.4803
drug-01	0.3670	0.1809	0.1724	0.0357	0.6351
drug-02	0.5213	0.1368	0.2393	0.1831	0.5879
drug-03	0.6862	0.0897	0.1859	0.0991	0.3360
drug-04	0.5319	0.1337	0.2211	0.1328	0.5357

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.7287	0.0775	0.1204	-0.0081	0.2227
drug-06	0.4096	0.1687	0.2650	0.2567	0.5375
drug-07	0.4149	0.1672	0.1405	0.0425	0.5118
drug-08	0.5585	0.1261	0.2142	0.1868	0.4782
drug-09	0.8723	0.0365	0.1960	0.0699	0.1044
drug-10	0.5372	0.1322	0.1613	0.1392	0.5042
drug-11	0.8511	0.0426	0.1766	0.0549	0.2135
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6011	0.1140	0.1727	0.2216	0.4644
drug-14	0.6011	0.1140	0.2884	0.2925	0.5254
drug-15	0.7500	0.0714	0.1963	0.0586	0.3739
drug-16	0.5585	0.1261	0.2236	0.2586	0.4642
drug-17	0.3404	0.1885	0.2316	0.0970	0.5873
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1529	0.0221	0.2388
drybean	0.9236	0.0218	0.9376	0.9076	0.1238
ecoli	0.8235	0.0441	0.5038	0.7542	0.1342
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2699	0.0264	0.8352
eeg	0.5761	0.0530	0.5882	0.5289	0.4882
eeg-eye	0.9266	0.0734	0.9259	0.8509	0.3424
eeg10%	0.4569	0.0679	0.4321	0.3951	0.5214
email_phishing	0.9905	0.0095	0.7749	0.4770	0.2185
eucalyptus	0.6712	0.1315	0.6555	0.5786	0.3705
euthyroid	0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq	0.9842	0.0158	0.9842	0.9683	0.1099
exon.vs.intron-freq10%	0.9652	0.0348	0.9651	0.9303	0.2025
fakenews	0.5450	0.4550	0.5448	0.0895	0.9716
farm-ads	0.6594	0.3406	0.6593	0.3182	0.8682
fbis-wc	0.3130	0.0808	0.2988	0.2323	0.6516
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.8235	0.1765	0.8221	0.6394	0.6034
financial-risk	0.9205	0.0265	0.7002	0.8733	0.1564
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.5500	0.1125	0.2941	0.4118	0.3251
fonts	0.4732	0.0071	0.1433	0.4251	0.3591
fonts10%	0.7121	0.0038	0.4675	0.6971	0.2714
forest	0.9038	0.0481	0.8815	0.8661	0.1084
gas	0.9928	0.0024	0.9924	0.9913	0.0210
gastrointestinal	0.7500	0.1667	0.6808	0.5817	0.4216
gender	0.5811	0.2793	0.4275	0.1050	0.5993
gene	0.9369	0.0421	0.9318	0.8994	0.1999
german	0.7700	0.2300	0.7394	0.4307	0.6260
gestures	0.9409	0.0295	0.9412	0.9212	0.1410
gina	0.8790	0.1210	0.8797	0.7575	0.4810
gisette	0.9243	0.0757	0.9243	0.8486	0.3576
glass	0.7619	0.0794	0.7135	0.6635	0.2371
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8571	0.1429	0.8547	0.7085	0.5490
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.6000	0.2000	0.6336	0.4479	0.4083
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.9753	0.0041	0.8882	0.9708	0.0256
har	0.9954	0.0018	0.9949	0.9942	0.0138
har70	0.9377	0.0178	0.7035	0.9070	0.1220
har701%	0.9274	0.0207	0.5919	0.8921	0.1084
har7010%	0.9318	0.0195	0.6427	0.8982	0.1197
harth1%	0.8757	0.0207	0.6254	0.8300	0.1769
harth10%	0.8912	0.0181	0.6706	0.8515	0.1804
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.9880	0.0120	0.9861	0.9720	0.0782
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8610	0.1390	0.8614	0.7220	0.5319
hepmass10%	0.8672	0.1328	0.8676	0.7345	0.5169
hERG-121inputs	0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs	0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.7583	0.2417	0.7572	0.5144	0.7377
higgs0.1%	0.7073	0.2927	0.7057	0.4112	0.8122
higgs1%	0.7175	0.2825	0.7159	0.4315	0.7983
higgs10%	0.7390	0.2610	0.7378	0.4756	0.7675
higher	0.3571	0.1607	0.2679	0.2364	0.2540
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.8438	0.1562	0.8590	0.6800	0.3799
hiv1-proteasa	0.9039	0.0961	0.8155	0.6195	0.4945
hiva	0.9551	0.0449	0.5462	0.0765	0.5927
horse	0.6111	0.2593	0.5632	0.3105	0.6170
hotel-reservartions	0.9159	0.0841	0.9035	0.8059	0.3953
hr	0.8491	0.1509	0.4592	-0.0261	0.5967
ht-sensor	1.0000	0.0000	1.0000	0.9999	0.0003
ht-sensor10%	0.9994	0.0004	0.9994	0.9990	0.0037
htru2	0.9788	0.0212	0.9345	0.8681	0.2432
hypothyroid	0.9947	0.0027	0.7387	0.9684	0.0764
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.7458	0.2542	0.6570	0.2937	0.7766
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9740	0.0130	0.9745	0.9653	0.0553
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9268	0.0056	0.9282	0.9239	0.0697
jm1	0.8310	0.1690	0.6840	0.3346	0.6620
jvowels	0.9880	0.0027	0.9873	0.9863	0.0225
kc1	0.8720	0.1280	0.7137	0.3863	0.5769
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.4286	0.0476	0.0294	0.0820	0.2030
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc2	0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007	0.1571	0.2107	0.1339	0.0179	0.7832
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%	0.6147	0.3853	0.5159	0.0133	0.3312
kddcup991%	0.9988	0.0001	0.5113	0.9979	0.0051
kddcup9910%	0.9998	0.0000	0.6884	0.9997	0.0147
kepler	0.8881	0.0746	0.8473	0.8154	0.2053
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.8841	0.0129	0.8993	0.8706	0.1399
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc	0.7429	0.0857	0.7404	0.6806	0.3927
la2s-wc	0.7815	0.0728	0.7700	0.7260	0.3413
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7941	0.0103	0.4494	0.7838	0.0444
led24	0.6500	0.0700	0.6222	0.6067	0.1603
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9600	0.0031	0.9601	0.9584	0.0474
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8611	0.0185	0.8719	0.8505	0.0600
linkage	1.0000	0.0000	0.9994	0.9988	0.0029
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7353	0.2647	0.7218	0.4354	0.7621
loan	0.9883	0.0117	0.9876	0.9749	0.0628
localization	0.7711	0.0416	0.5689	0.7099	0.3931
localization10%	0.6899	0.0564	0.4120	0.6025	0.4619
lrs	0.8113	0.0377	0.4276	0.7394	0.1596
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6582	0.3077	0.8482
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.6731	0.3269	0.6750	0.3462	0.8445
magic04	0.8848	0.1152	0.8718	0.7413	0.4773
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7917	0.2083	0.7948	0.5850	0.6661
marketing	0.9062	0.0938	0.7901	0.5542	0.4767
maternal	0.8416	0.1056	0.8454	0.7596	0.3519
math	0.9000	0.0500	0.8712	0.8463	0.1578
mba	0.8065	0.1290	0.3918	0.1608	0.4063
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2300	0.3080	0.2345	0.0362	0.8491
messidor	0.6957	0.3043	0.6885	0.3765	0.8299
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.6702	0.7621	0.1582
meter-D	0.8889	0.0556	0.8711	0.8435	0.1146
mfeat-fac	0.9950	0.0010	0.9951	0.9944	0.0063
mfeat-fou	0.8050	0.0390	0.8053	0.7833	0.1568
mfeat-kar	0.9750	0.0050	0.9754	0.9722	0.0317

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-mor	0.7000	0.0600	0.7014	0.6667	0.2046
mfeat-pix	0.9800	0.0040	0.9801	0.9778	0.0253
mfeat-zer	0.8100	0.0380	0.8106	0.7889	0.1074
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.4986	0.4093	0.4382
mobile	0.8881	0.0040	0.8963	0.8861	0.0517
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9672	0.0328	0.9637	0.9274	0.2074
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4928	0.0922	0.5535	0.3944	0.5315
musk	0.9652	0.0348	0.9310	0.8557	0.1771
MUT_ci300400a_cdk_ECFP2	0.8225	0.1775	0.8175	0.6351	0.6266
MUT_ci300400a_cdk_ECFP4	0.8323	0.1677	0.8267	0.6528	0.6039
MUT_ci300400a_cdk_ECFP6	0.7964	0.2036	0.7888	0.5736	0.6662
MUT_ci300400a_cdk_ESTATE	0.7818	0.2182	0.7733	0.5434	0.6961
MUT_ci300400a_cdk_EXTENDED	0.8513	0.1487	0.8466	0.6930	0.5625
MUT_ci300400a_cdk_FCFP2	0.8287	0.1713	0.8235	0.6470	0.6135
MUT_ci300400a_cdk_FCFP4	0.8309	0.1691	0.8254	0.6505	0.6075
MUT_ci300400a_cdk_FCFP6	0.8381	0.1619	0.8334	0.6667	0.5935
MUT_ci300400a_cdk_MACCS	0.8621	0.1379	0.8578	0.7154	0.5369
MUT_ci300400a_cdk_PUBCHEM	0.8719	0.1281	0.8676	0.7346	0.5097
MUT_ci300400a_cdk_STANDARD	0.8335	0.1665	0.8286	0.6572	0.6035
MUT_ci300400a_rdkit_descriptors	0.8722	0.1278	0.8689	0.7377	0.5101
myocardial	0.8882	0.0279	0.3822	0.4447	0.0907
naticusdroid	0.9727	0.0273	0.9727	0.9454	0.1688
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	1.0000	0.0000	0.6667	1.0000	0.0000
ncRNA	0.9626	0.0039	0.8301	0.8996	0.2478
ncRNA1%	0.9216	0.0083	0.5758	0.7809	0.2533
ncRNA10%	0.9428	0.0060	0.7169	0.8435	0.3325
neo	0.9210	0.0790	0.7461	0.4810	0.5616
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.2227	0.0353	0.3200	0.1894	0.3760
newspop	0.6746	0.3254	0.6724	0.3444	0.8530
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9704	0.0296	0.9636	0.9271	0.1975
NPHA-doctor-visits	0.5139	0.3241	0.4261	0.1216	0.6785
nursery	0.9977	0.0009	0.7986	0.9966	0.0070
obesity	0.9289	0.0203	0.9287	0.9170	0.0965
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9951	0.0049	0.9932	0.9864	0.0645
Occupancy_Estimation	0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc	0.8515	0.0297	0.8688	0.8300	0.1166
oh10-wc	0.6857	0.0629	0.6718	0.6430	0.3011
oh15-wc	0.6957	0.0609	0.6566	0.6540	0.2815
oh5-wc	0.7473	0.0505	0.7532	0.7138	0.2317
ohscal-wc	0.3486	0.1303	0.3354	0.2696	0.7301
olive	0.9649	0.0078	0.9554	0.9565	0.0249
opn310k	0.9241	0.0759	0.7241	0.4152	0.5225
opn310k10%	0.9295	0.0705	0.7394	0.4449	0.4949
opnat310k-hg16-17	0.9275	0.0725	0.7392	0.4464	0.5023
optdigits	0.9644	0.0071	0.9661	0.9604	0.0509
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9289	0.0711	0.6573	0.2258	0.4618
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8041	0.1959	0.7892	0.5761	0.6729
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7063	0.2937	0.7063	0.4121	0.8115
p53-mutants10%	0.9745	0.0255	0.4935	-0.0056	0.1835
page-blocks	0.9817	0.0073	0.8365	0.8962	0.1480
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9242	0.0758	0.9190	0.8373	0.3587
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.9377	0.0623	0.9229	0.8458	0.3513
particle10%	0.9354	0.0646	0.9204	0.8408	0.3632
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.6396	0.2671	0.6352
pcmac	0.4948	0.5052	0.4896	-0.0207	0.9923
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.5526	0.4474	0.5384	0.0685	0.8307
pediatric-leukemia	0.8529	0.0420	0.7905	0.8180	0.1056
pendigits	0.9927	0.0015	0.9928	0.9919	0.0134
period	0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8280	0.1720	0.8139	0.6248	0.6129
personalities	0.9752	0.0031	0.9752	0.9735	0.0448
pet-adoption	0.9500	0.0500	0.9432	0.8843	0.2437
phishing	0.9755	0.0245	0.9743	0.9484	0.1522
PhiUSIIL	0.9994	0.0006	0.9994	0.9987	0.0060
PhiUSIIL10%	0.9962	0.0038	0.9961	0.9922	0.0274
phone-acc0.1%	0.9303	0.0199	0.9253	0.9186	0.0777
phone-acc1%	0.9901	0.0028	0.9893	0.9885	0.0188
phone-acc10%	0.9982	0.0005	0.9980	0.9979	0.0049
phone-gyr0.1%	0.9483	0.0148	0.9436	0.9396	0.0696
phone-gyr1%	0.9834	0.0047	0.9816	0.9806	0.0267
phone-gyr10%	0.9974	0.0007	0.9971	0.9969	0.0061
phoneme	0.9185	0.0815	0.8993	0.7986	0.4168
phy	0.7224	0.2776	0.7224	0.4447	0.7906
pima	0.7368	0.2632	0.7176	0.4154	0.7389
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7970	0.2030	0.7903	0.5799	0.6738
plant-growth	0.8421	0.1579	0.8582	0.6780	0.3833
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.7404	0.0519	0.3579	0.5148	0.2149
poker1%	0.5922	0.0816	0.1209	0.2269	0.2496
poker10%	0.6740	0.0652	0.2212	0.3857	0.2224
polish-1st	0.9801	0.0199	0.8464	0.6573	0.1924
polish-2nd	0.9666	0.0334	0.7192	0.3789	0.4005
polish-3rd	0.9552	0.0448	0.6699	0.2607	0.4308
polish-4th	0.9612	0.0388	0.7836	0.5580	0.4733
polish-5th	0.9594	0.0406	0.8244	0.6362	0.4001
polya	0.7978	0.2022	0.7748	0.5458	0.6789
popularity	0.6822	0.2119	0.4815	0.2667	0.4717
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9931	0.0028	0.9930	0.9914	0.0202
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7207	0.4412	0.7929
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3939	0.0551	0.2112	0.3340	0.2232
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7910	0.2090	0.7691	0.5370	0.7030

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9964	0.0014	0.9936	0.9952	0.0128
puc-rio10%	0.9916	0.0034	0.9837	0.9887	0.0245
pufs-128	0.4998	0.5002	0.4998	-0.0004	1.0000
pufs-1281%	0.4977	0.5023	0.4977	-0.0047	1.0000
pufs-12810%	0.5001	0.4999	0.5001	0.0003	0.9999
pufs-64	0.5002	0.4998	0.5002	0.0004	0.9999
pufs-641%	0.4775	0.5225	0.4775	-0.0450	1.0000
pufs-6410%	0.4992	0.5008	0.4992	-0.0017	1.0000
pulsar	0.9856	0.0144	0.9560	0.9103	0.1321
raisin	0.8778	0.1222	0.8786	0.7556	0.4852
rcv11%	0.1334	0.0332	0.0536	0.0920	0.5746
re0-wc	0.2467	0.1159	0.1915	0.0843	0.5005
re1-wc	0.1747	0.0660	0.0775	0.0412	0.3900
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9874	0.0126	0.9872	0.9744	0.0893
rnaseq	0.9700	0.0050	1.0000	1.0000	0.0185
rocket	0.7475	0.2525	0.7398	0.4795	0.7599
RT_IOT2022	0.9985	0.0002	0.9767	0.9963	0.0040
satimage	0.9098	0.0301	0.8953	0.8885	0.1378
satimageF	0.9891	0.0109	0.9721	0.9442	0.1683
satimageT	0.9425	0.0575	0.8208	0.6052	0.3284
scadi	0.7143	0.0816	0.3896	0.6216	0.0421
schiller	0.5556	0.4444	0.5303	0.0526	0.7987
schizo	0.4412	0.5588	0.4402	-0.1176	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9038	0.0962	0.5353	0.0685	0.6839
secondary_mushroom	0.9998	0.0002	0.9998	0.9997	0.0023
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9740	0.0074	0.9774	0.9696	0.0346
segmentation	0.8564	0.1436	0.8431	0.6861	0.5651
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-10-gram	0.8556	0.1444	0.5625	0.0801	0.6399
sens-2-gram	0.8816	0.1184	0.6802	0.1842	0.3526
sens-3-gram	0.8658	0.1342	0.5807	0.0754	0.5299
sens-4-gram	0.8579	0.1421	0.5991	0.1659	0.6820
sens-5-gram	0.8684	0.1316	0.6127	0.1503	0.5774
sens-6-gram	0.8737	0.1263	0.6338	0.1633	0.5114
sens-7-gram	0.8500	0.1500	0.5325	0.0433	0.6838
sens-8-gram	0.8421	0.1579	0.5443	0.0732	0.7331
sens-9-gram	0.8579	0.1421	0.5914	0.1464	0.6742
sensorless	0.9971	0.0005	0.9971	0.9968	0.0061
sepsis	0.9095	0.0905	0.6570	0.0031	0.2085
shoppers	0.8962	0.1038	0.7866	0.5684	0.5695
shuttle	0.9997	0.0001	0.9876	0.9990	0.0169
sick	0.9814	0.0186	0.9205	0.8347	0.1803
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9997	0.0003	0.9996	0.9991	0.0072
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2000	0.4000	0.1982	-0.0650	0.8609
smk_can_187	0.8421	0.1579	0.8427	0.6816	0.5635

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smoking	0.8454	0.1546	0.8353	0.6702	0.5881
soil_pollution	0.2400	0.3040	0.2410	0.0483	0.8439
solar-flare	0.7698	0.0767	0.6699	0.7066	0.2190
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9520	0.0480	0.8543	0.7084	0.4602
spambase	0.9478	0.0522	0.9453	0.8905	0.2767
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.5472	0.0189	0.2513	0.5202	0.1370
splice-EI	0.9685	0.0315	0.9598	0.9184	0.2445
splice-IE	0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles	0.8400	0.1600	0.8254	0.6449	0.5756
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9215	0.0523	0.9003	0.8723	0.1967
steel-b	0.8769	0.1231	0.7996	0.5848	0.5373
steel-d	0.9897	0.0103	0.9069	0.7950	0.0398
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8410	0.1590	0.8225	0.6439	0.5981
steel-p	0.9385	0.0615	0.7598	0.3796	0.1604
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9897	0.0103	0.9708	0.9417	0.1621
stellar	0.9773	0.0151	0.9739	0.9596	0.0892
stock	0.9375	0.0625	0.8892	0.7717	0.3421
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5750	0.1700	0.3353	0.3093	0.4660
student-depression	0.8405	0.1595	0.8345	0.6672	0.5807
student-habits	0.3800	0.2480	0.3079	0.0267	0.5097
student-weekend	0.2923	0.2831	0.1720	0.0248	0.7413
student-workday	0.7188	0.1125	0.2472	0.2289	0.3964
studentap	0.4615	0.3590	0.4553	0.1574	0.6947
susy	0.7856	0.2044	0.7914	0.5752	0.6574
susy1%	0.7986	0.2014	0.7970	0.5908	0.6587
susy10%	0.7993	0.2007	0.7979	0.5920	0.6553
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn	0.9105	0.0895	0.8821	0.7613	0.4234
texture	0.9909	0.0017	0.9913	0.9900	0.0139
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8085	0.1915	0.5444	0.0824	0.7852
thrombin	0.6387	0.3613	0.5366	0.0158	0.1606
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9207	0.0793	0.8905	0.7782	0.3960
tis10%	0.7388	0.2612	0.6661	0.3306	0.7978
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1250	0.4125	0.4667	0.1033
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6667	0.3333	0.4950	-0.0097	0.9032

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec11-wc	0.8049	0.0434	0.7222	0.7576	0.1816
trec12-wc	0.8710	0.0323	0.9002	0.8420	0.0941
trec21-wc	0.9394	0.0202	0.6423	0.8738	0.1141
trec23-wc	0.8095	0.0635	0.8292	0.7462	0.2264
trec31-wc	0.9140	0.0246	0.7821	0.8853	0.1210
trec41-wc	0.8750	0.0250	0.7880	0.8454	0.1296
trec45-wc	0.7681	0.0464	0.7331	0.7251	0.1912
tuandromd	0.9865	0.0135	0.9790	0.9579	0.1147
turkish	0.8500	0.0750	0.8563	0.8000	0.2043
tvnews	0.9618	0.0382	0.9587	0.9169	0.2134
tvnews1%	0.9154	0.0846	0.9085	0.8160	0.3871
tvnews10%	0.9059	0.0941	0.8981	0.7956	0.4216
ur3_cobotops_grip	0.9755	0.0245	0.7604	0.4282	0.2319
ur3_cobotops_stop	0.9755	0.0245	0.7996	0.5790	0.3800
urban	0.8060	0.0431	0.8374	0.7728	0.1657
urinalysis	0.9510	0.0490	0.7546	0.5076	0.5542
ustilago1%	0.9896	0.0113	0.4990	-0.0028	0.4383
ustilago10%	0.9745	0.0268	0.5307	0.0736	0.4889
vehicle	0.7738	0.1131	0.7386	0.6952	0.1848
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5859	0.0753	0.5968	0.5444	0.2305
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9262	0.0738	0.7261	0.3923	0.4535
wap-wc	0.7885	0.0212	0.5979	0.7631	0.1333
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9912	0.0025	0.9910	0.9898	0.0199
watch-acc10%	0.9993	0.0002	0.9993	0.9992	0.0021
watch-gyr1%	0.9878	0.0035	0.9876	0.9858	0.0257
watch-gyr10%	0.9991	0.0003	0.9991	0.9989	0.0029
water_pollution	0.2267	0.3867	0.2278	-0.0307	0.8768
waveform	0.8420	0.1053	0.8420	0.7630	0.3669
weather-related	0.9788	0.0038	0.9816	0.9760	0.0283
web-phishing	0.8741	0.0840	0.8258	0.7757	0.3459
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9992	0.0003	0.9992	0.9990	0.0026
white-clover	0.3333	0.3333	0.1250	0.0000	0.1934
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9855	0.0145	0.9195	0.8369	0.2405
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.7233	0.0922	0.3573	0.5524	0.3341
winequality-white	0.6994	0.0859	0.4407	0.5371	0.3641
winnipeg	0.9978	0.0006	0.9939	0.9972	0.0099
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7257	0.7322	0.0668
yeast	0.5946	0.0811	0.4065	0.4736	0.3544
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.9452	0.0110	0.9403	0.9385	0.0858

Table 345: Detailed results for LMT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2072	0.0755	0.1496	0.1251	0.4717
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9834	0.0166	0.6895	0.3224	0.4069
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.9343	0.0657	0.9087	0.8095	0.2913
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8286	0.0686	0.6181	0.6314	0.3569
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9442	0.0558	0.9387	0.8757	0.2730
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.9722	0.0139	0.9411	0.9467	0.0797
anuran-genus	0.9805	0.0049	0.9427	0.9680	0.1439
anuran-species	0.9833	0.0033	0.9693	0.9769	0.0504
anxiety	0.1417	0.1907	0.1386	0.0341	0.8089
apple-quality	0.8350	0.1650	0.8350	0.6700	0.5938
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia	0.7778	0.0444	0.6827	0.6330	0.2658
auction	0.9902	0.0098	0.9777	0.9544	0.0418

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.9545	0.0083	0.9735	0.9471	0.0293
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8000	0.0800	0.8062	0.7342	0.1895
avila	0.9880	0.0020	0.9829	0.9844	0.0338
babies	0.4758	0.1498	0.1817	0.1794	0.4136
balance	0.9194	0.0538	0.8228	0.8500	0.1526
bank	0.9131	0.0869	0.7663	0.5289	0.5776
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8986	0.1014	0.8893	0.7736	0.4146
basehock	0.9497	0.0503	0.9506	0.8995	0.2513
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8571	0.1429	0.8470	0.6927	0.5498
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.7090	0.1455	0.7100	0.6119	0.4267
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.6620	0.5686	0.1945
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9598	0.0201	0.9233	0.9150	0.1771
card	0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography	0.8545	0.0291	0.8073	0.8249	0.1586
cardiotocography-nsp	0.9296	0.0469	0.8692	0.7964	0.2476
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.7547	0.6740	0.3869
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.7508	0.2492	0.7486	0.4964	0.7485
cas_N6512_RDkit_AtomPair_FP	0.7607	0.2393	0.7587	0.5166	0.7325
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7677	0.2323	0.7658	0.5309	0.7215
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.7485	0.2515	0.7468	0.4935	0.7537
cas_N6512_RDkit_FP	0.7607	0.2393	0.7587	0.5168	0.7329
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7957	0.2043	0.7944	0.5854	0.6630
cas_N6512_RDkit_MACCS_FP	0.7899	0.2101	0.7893	0.5784	0.6832
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.7800	0.2200	0.7806	0.5598	0.6973

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_pattern_FP	0.7822	0.2178	0.7811	0.5623	0.6978
cas_N6512_rdkit_RDKITFP	0.7680	0.2320	0.7663	0.5323	0.7216
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8187	0.1813	0.8068	0.6118	0.6436
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5532	0.2040
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.8269	0.6485	0.5273
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9994	0.0006	0.8218	0.6204	0.2692
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8570	0.1430	0.7545	0.4834	0.5834
churn-bigml	0.9476	0.0524	0.8887	0.7703	0.3227
ci900367j_MACCS	0.7684	0.2316	0.7496	0.4971	0.7304
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8324	0.0838	0.7003	0.7400	0.3538
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.7500	0.1667	0.8028	0.6000	0.3320
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5918	0.2721	0.5726	0.3578	0.6675
cnae-9	0.9630	0.0082	0.9650	0.9583	0.0407
codon_usage	0.9125	0.0159	0.7542	0.8937	0.1898
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5499	0.0963	0.9266
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.6897	0.3103	0.6729	0.3185	0.7867
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.6552	0.3448	0.4777	-0.0432	0.8064
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7586	0.2414	0.6866	0.3715	0.7765
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7500	0.2500	0.7511	0.5004	0.7446
coupon	0.7090	0.2910	0.7006	0.3995	0.8113
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9901	0.0099	0.9789	0.9577	0.1236
covtypeT	0.9842	0.0158	0.9375	0.8744	0.2337

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9161	0.0280	0.8025	0.8295	0.3356
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.4688	0.0266	0.3307	0.4538	0.0791
cybersecurity	0.1733	0.2756	0.1738	0.0076	0.8673
cyclopentane	0.6296	0.3704	0.6181	0.2241	0.8800
cylinder-bands	0.7407	0.2593	0.7324	0.4514	0.7389
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8287	0.1713	0.7198	0.4107	0.6416
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9029	0.0971	0.7372	0.4647	0.5956
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9189	0.0270	0.9249	0.8991	0.0971
desharnais	0.7500	0.1667	0.8497	0.6000	0.2311
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.5319	0.5000	0.2755
DIA	0.8167	0.1833	0.7408	0.4762	0.6890
diabetes	0.9231	0.0769	0.9216	0.8405	0.3680
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5686	0.2876	0.3621	0.1164	0.4817
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7964	0.0814	0.7919	0.7112	0.3113
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.7500	0.2500	0.7536	0.5000	0.7318
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5670	0.4330	0.5630	0.1247	0.9539
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7720	0.1520	0.6937	0.6191	0.4461
drug-01	0.4202	0.1657	0.1620	0.0879	0.5308
drug-02	0.5106	0.1398	0.0966	-0.0066	0.3342
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.2314	0.2535	0.5244
drug-07	0.4362	0.1611	0.1316	0.0157	0.2987
drug-08	0.5691	0.1231	0.2018	0.1492	0.4364
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.2458	0.1494	0.3683
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6330	0.1049	0.2624	0.2729	0.3662
drug-14	0.5798	0.1201	0.2412	0.2231	0.4663
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6064	0.1125	0.2937	0.3379	0.3799
drug-17	0.3670	0.1809	0.1771	0.1173	0.4921

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9243	0.0216	0.9363	0.9085	0.1255
ecoli	0.8824	0.0392	0.7465	0.8359	0.1288
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2900	0.3550	0.2924	0.0540	0.8290
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.8732	0.1268	0.8717	0.7433	0.5061
eeg10%	0.3909	0.0761	0.4129	0.3247	0.6285
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6438	0.1425	0.6212	0.5436	0.4061
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5125	0.4875	0.5124	0.0248	0.9928
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6667	0.3333	0.6609	0.3081	0.8356
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9172	0.8937	0.0956
gas	0.9950	0.0017	0.9950	0.9939	0.0131
gastrointestinal	0.6250	0.2500	0.5906	0.3962	0.5975
gender	0.6021	0.2653	0.3807	0.1449	0.5100
gene	0.9243	0.0505	0.9149	0.8797	0.2123
german	0.7200	0.2800	0.6713	0.3120	0.7636
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
glass	0.7143	0.0952	0.7115	0.6087	0.2834
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.5375	0.3636	0.4249
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.9867	0.0053	0.9863	0.9832	0.0377
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.9062	0.0268	0.5602	0.8609	0.1545
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9780	0.0220	0.9744	0.9485	0.1394
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6882	0.3118	0.6865	0.3729	0.8368
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1273	0.0778	0.3265
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9191	0.0809	0.8491	0.6944	0.4633
hiva	0.9622	0.0378	0.6178	0.1856	0.5048
horse	0.6111	0.2593	0.6077	0.3386	0.5982
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.9964	0.0024	0.9965	0.9946	0.0174
htru2	0.9816	0.0184	0.9426	0.8832	0.1792
hypothyroid	0.9920	0.0040	0.7255	0.9505	0.0137
hypothyroidT	0.9947	0.0053	0.9813	0.9626	0.1146
ilpd	0.6102	0.3898	0.4786	-0.0414	0.9436
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
ionosphere	0.9429	0.0571	0.9346	0.8606	0.1858
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8099	0.1901	0.6043	0.1164	0.5937
jvowels	0.9719	0.0062	0.9707	0.9681	0.0481
kc1	0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.8849	0.0767	0.8443	0.8103	0.2107
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.8036	0.0218	0.8287	0.7805	0.2256
krvskp	1.0000	0.0000	1.0000	1.0000	0.0000
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8235	0.0153	0.8434	0.8149	0.0509
led24	0.6500	0.0778	0.6573	0.6045	0.1864
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9365	0.0049	0.9360	0.9339	0.0767
leukemia	0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8889	0.0148	0.9110	0.8807	0.0496

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7647	0.2353	0.7455	0.4868	0.7356
loan	0.9906	0.0094	0.9901	0.9800	0.0527
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.6566	0.0624	0.4103	0.5635	0.5579
lrs	0.8868	0.0323	0.6579	0.8418	0.0615
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.3333	0.6667	0.2500	-0.5000	1.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0952	0.9107	0.7500	0.2000
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.7115	0.2885	0.7120	0.4231	0.8032
magic04	0.8711	0.1289	0.8562	0.7084	0.5074
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8221	0.6440	0.6197
marketing	0.9062	0.0938	0.7887	0.5258	0.3975
maternal	0.8119	0.1254	0.8166	0.7135	0.3911
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8290	0.1140	0.4031	0.1702	0.3757
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2267	0.3093	0.2285	0.0335	0.8538
messidor	0.6783	0.3217	0.6735	0.3469	0.8499
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9800	0.0040	0.9804	0.9778	0.0228
mfeat-fou	0.8300	0.0340	0.8327	0.8111	0.1481
mfeat-kar	0.9650	0.0070	0.9659	0.9611	0.0441
mfeat-mor	0.7200	0.0560	0.7241	0.6889	0.1908
mfeat-pix	0.9600	0.0080	0.9615	0.9556	0.0452
mfeat-zer	0.8000	0.0400	0.7996	0.7778	0.1177
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6765	0.1294	0.6638	0.5935	0.3313
mobile	0.8601	0.0050	0.8695	0.8576	0.0642
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8852	0.1148	0.8717	0.7429	0.4904
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
musk	0.9773	0.0227	0.9556	0.9098	0.1625
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7578	0.2422	0.7488	0.4966	0.7422
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_MACCS	0.8417	0.1583	0.8365	0.6727	0.5835
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.8323	0.1677	0.8267	0.6528	0.6039
MUT_ci300400a_rdkit_descriptors	0.8170	0.1830	0.8122	0.6239	0.6349
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9707	0.0293	0.9707	0.9414	0.1784
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.3333	0.2222	0.2667	0.2000	0.2258
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.9027	0.0102	0.4347	0.7253	0.4762
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6584	0.3416	0.6557	0.3102	0.8702
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4861	0.3426	0.2694	-0.0517	0.5491
nursery	0.9985	0.0008	0.9988	0.9977	0.0051
obesity	0.9336	0.0190	0.9324	0.9225	0.0922
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9947	0.0053	0.9926	0.9850	0.0723
Occupancy_Estimation	0.9951	0.0025	0.9833	0.9850	0.0272
oh0-wc	0.9505	0.0099	0.9539	0.9433	0.0472
oh10-wc	0.7238	0.0552	0.7162	0.6857	0.2509
oh15-wc	0.8261	0.0348	0.8097	0.8021	0.1620
oh5-wc	0.7802	0.0440	0.7902	0.7518	0.2142
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9680	0.0064	0.9694	0.9644	0.0462
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9091	0.0909	0.5893	0.1636	0.6593
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8144	0.1856	0.7933	0.5866	0.6613
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8889	0.7773	0.4632
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9817	0.0073	0.9280	0.8971	0.1608
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.9242	0.0758	0.9190	0.8373	0.3587
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.9223	0.0777	0.9056	0.8106	0.4135
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8816	0.1184	0.8395	0.6786	0.5436
pediatric-leukemia	0.9118	0.0252	0.9371	0.8924	0.0778
pendigits	0.9827	0.0035	0.9825	0.9808	0.0293
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.3333	0.6667	0.3415	-0.2857	0.9644
persistency	0.8105	0.1895	0.7947	0.5866	0.6508
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phishing	0.9755	0.0245	0.9745	0.9488	0.1642
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.8844	0.0330	0.8767	0.8649	0.1283
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.9038	0.0275	0.8960	0.8875	0.1205
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8815	0.1185	0.8595	0.7171	0.5315
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9974	0.0017	0.9954	0.9917	0.0069
placement	0.7980	0.2020	0.7924	0.5848	0.6741
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4985	0.1433	0.1434	0.0359	0.3179
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9695	0.0305	0.7552	0.3581	0.0937
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9612	0.0388	0.7666	0.4827	0.3605
polish-5th	0.9475	0.0525	0.7613	0.4973	0.4653
polya	0.7773	0.2227	0.7499	0.4923	0.7094
popularity	0.6721	0.2186	0.4225	0.2358	0.4820
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6030	0.2059	0.9259
prestige	0.8889	0.0741	0.8805	0.8200	0.1174
primary-tumor	0.4242	0.0886	0.3397	0.3516	0.2989
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7761	0.2239	0.7493	0.4983	0.7315
promoters	0.7000	0.3000	0.7041	0.4000	0.7967
prostate	1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9783	0.0087	0.9585	0.9708	0.0508
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5050	0.4950	0.5050	0.0100	0.9972
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9874	0.0126	0.9873	0.9744	0.0865
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6430	0.3570	0.6312	0.2624	0.8905
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8880	0.0373	0.8681	0.8618	0.1712
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9425	0.0575	0.8246	0.6362	0.4223

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9697	0.0087	0.9735	0.9646	0.0418
segmentation	0.8515	0.1485	0.8449	0.6860	0.5682
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.5890	0.0543	0.4408
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8737	0.1263	0.6323	0.1412	0.4751
sens-6-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8632	0.1368	0.5884	0.1163	0.6103
sens-9-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9011	0.0989	0.7974	0.5905	0.5536
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9867	0.0133	0.9442	0.8819	0.0504
sirtuin6	0.8000	0.2000	0.8000	0.6000	0.6644
skin	0.9995	0.0005	0.9993	0.9985	0.0089
skin10%	0.9988	0.0012	0.9981	0.9963	0.0155
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1048	0.0011	0.4258
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1467	0.3413	0.1468	-0.0664	0.9117
solar-flare	0.7554	0.0815	0.6867	0.6849	0.1876
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9560	0.0440	0.8671	0.7340	0.4392
spambase	0.9304	0.0696	0.9273	0.8545	0.3455
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.8857	0.1143	0.8600	0.7200	0.5179
spectrometer	0.6731	0.0242	0.5615	0.6536	0.1015
splice-EI	0.9590	0.0410	0.9471	0.8935	0.2875
splice-IE	0.9306	0.0694	0.9031	0.8061	0.3945
sport-articles	0.8200	0.1800	0.8030	0.5959	0.6085
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9070	0.0620	0.8825	0.8487	0.2235
steel-b	0.8718	0.1282	0.7962	0.5882	0.5854
steel-d	0.9744	0.0256	0.7677	0.5324	0.5024
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.8308	0.1692	0.8271	0.6456	0.5999
steel-p	0.9487	0.0513	0.8059	0.5895	0.4057
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	1.0000	0.0000	1.0000	1.0000	0.0000
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8958	0.1042	0.8092	0.6067	0.5125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9980	0.0020	0.9980	0.9960	0.0165
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6400	0.1440	0.3571	0.4053	0.4069
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend	0.4462	0.2215	0.3771	0.1841	0.4397
student-workday	0.6875	0.1250	0.1676	0.0751	0.3413
studentap	0.4615	0.3590	0.3692	0.1415	0.6113
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.8006	0.1994	0.7994	0.5943	0.6508
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.6000	0.2667	0.5944	0.4000	0.5909
telco-churn	0.9048	0.0952	0.8760	0.7514	0.4622
texture	0.9927	0.0013	0.9930	0.9920	0.0115
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.6149	0.1671	0.6222
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.7647	0.2353	0.7684	0.5211	0.6923
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5824	0.1641	0.8579
trec11-wc	0.8537	0.0325	0.7280	0.8203	0.0980
trec12-wc	0.9677	0.0081	0.9686	0.9613	0.0213
trec21-wc	0.9394	0.0242	0.9172	0.8836	0.2197
trec23-wc	0.9524	0.0159	0.9480	0.9352	0.0757
trec31-wc	0.9355	0.0215	0.9633	0.9145	0.0868
trec41-wc	0.9432	0.0114	0.8404	0.9307	0.0884
trec45-wc	0.9420	0.0116	0.8641	0.9324	0.0520
tuandromd	0.9821	0.0179	0.9719	0.9434	0.1312
turkish	0.8500	0.0750	0.8686	0.8000	0.1686
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9755	0.0245	0.7604	0.4282	0.2319
ur3_cobotops_stop	0.9701	0.0299	0.7588	0.5068	0.4825
urban	0.8507	0.0332	0.8519	0.8252	0.1361
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7976	0.1012	0.7755	0.7286	0.1881
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8605	0.1395	0.8623	0.7214	0.5237
vowel	0.4242	0.1047	0.4647	0.3667	0.3123
vowelZ	0.9798	0.0202	0.9363	0.8642	0.0715
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.9839	0.0046	0.9835	0.9812	0.0343
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.9866	0.0038	0.9864	0.9843	0.0300
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2133	0.3933	0.2133	-0.0489	0.8858
waveform	0.8500	0.1000	0.8501	0.7750	0.3515
web-phishing	0.8667	0.0889	0.8129	0.7649	0.3887
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9834	0.0166	0.9202	0.8375	0.3788
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6289	0.1237	0.3171	0.4179	0.6402
winequality-white	0.5869	0.1180	0.3558	0.3986	0.5265
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7496	0.7322	0.0687
yeast	0.5541	0.0991	0.4130	0.4252	0.3793
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9527	0.0473	0.6001	0.1981	0.5887
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 346: Detailed results for LOCLDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9816	0.0184	0.4953	-0.0012	0.2266
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8081	0.1279	0.2996	-0.0212	0.6368
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6857	0.1257	0.5071	0.3362	0.4751
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8465	0.1535	0.8287	0.6528	0.5699
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.1083	0.1981	0.1084	-0.0030	0.8163
apple-quality	0.8850	0.1150	0.8878	0.7700	0.4461
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.3974	0.6026	0.2844	0.0000	0.5233
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.7604	0.0399	0.7627	0.6817	0.3968
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.9032	0.0645	0.7457	0.8224	0.2810
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9925	0.0076	0.8409	0.6630	0.5185
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.6786	0.3214	0.5913	0.1818	0.8787
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.6655	0.6667	0.1595
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.7000	0.3000	0.4118	0.0000	0.4416
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae	0.4100	0.3933	0.3305	-0.0300	0.8102
car	0.6954	0.1523	0.2051	0.0000	0.2293
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.8075	0.0385	0.8288	0.7703	0.2250
cardiotocography-nsp	0.9061	0.0626	0.8228	0.7508	0.3401
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.7250	0.1833	0.6486	0.5264	0.5136
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.6667	0.3333	0.6023	0.1679	0.6657
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.3810	0.4127	0.1839	0.0000	0.3169
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8426	0.0787	0.7449	0.7629	0.3919
climate	0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6207	0.3793	0.6107	0.2162	0.8800
colposcopies-2	0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3	0.6552	0.3448	0.6675	0.3224	0.8322
colposcopies-4	0.6552	0.3448	0.6009	0.1989	0.8605
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.5862	0.4138	0.5846	0.1675	0.9370
colposcopies-c	0.7586	0.2414	0.6866	0.3715	0.7765
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7740	0.2260	0.7746	0.5483	0.7081
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9986	0.0014	0.8387	0.6660	0.5022
crowdsourced	0.9290	0.0237	0.8579	0.8475	0.1737
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.7500	0.0125	0.5739	0.7425	0.0310
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8920	0.1080	0.7754	0.4607	0.3273
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.2973	0.2342	0.0764	0.0000	0.3667
desharnais	0.5000	0.3333	0.3901	0.2000	0.4638
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.3228	0.4515	0.1627	0.0000	0.3888
drug-01	0.4096	0.1687	0.2828	0.1152	0.5885
drug-02	0.5053	0.1413	0.1915	0.1060	0.5929
drug-03	0.6755	0.0927	0.1367	0.0468	0.4520
drug-04	0.5213	0.1368	0.2291	0.1349	0.6309
drug-05	0.7394	0.0745	0.1859	0.0584	0.1952
drug-06	0.3989	0.1717	0.2680	0.2379	0.5733
drug-07	0.4468	0.1581	0.1407	0.0799	0.4397
drug-08	0.5745	0.1216	0.2188	0.1580	0.5104
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1794	0.1208	0.6319
drug-11	0.8404	0.0456	0.1652	0.0648	0.3761
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5904	0.1170	0.1738	0.2014	0.4312
drug-14	0.6011	0.1140	0.2794	0.2662	0.5772
drug-15	0.7340	0.0760	0.1565	-0.0011	0.5075
drug-16	0.5798	0.1201	0.2543	0.2693	0.4305
drug-17	0.3511	0.1854	0.1943	0.1097	0.4849

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7553	0.0699	0.1233	-0.0020	0.4481
drybean	0.9295	0.0202	0.9417	0.9147	0.1145
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM	0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU	0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM	0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce	0.2200	0.3900	0.2207	-0.0379	0.8708
eeg-eye	0.8919	0.1081	0.8906	0.7809	0.4549
eeg10%	0.4146	0.0732	0.4334	0.3542	0.6206
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5225	0.4775	0.5226	0.0452	0.9864
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9020	0.0980	0.9009	0.8012	0.4232
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.9892	0.0036	0.9895	0.9869	0.0279
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6000	0.2667	0.4485	0.1512	0.6071
gene	0.9148	0.0568	0.9084	0.8642	0.2502
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
glass	0.7619	0.0794	0.7135	0.6635	0.2371
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.6842	0.3158	0.6833	0.3667	0.8414
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.5833	0.4167	0.3684	0.0000	0.5068
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.9205	0.0318	0.9184	0.8993	0.1502
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8916	0.0310	0.5239	0.8363	0.2432
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.5000	0.3333	0.5421	0.2147	0.5373
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.7500	0.1250	0.2668	0.0253	0.4922
heart	0.8519	0.1481	0.8466	0.6932	0.5645

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.2000	0.8000	0.1667	0.0000	0.3900
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6609	0.3391	0.6672	0.3276	0.8475
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.2143	0.1716	0.2940
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.9022	0.0978	0.8218	0.6427	0.5443
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9771	0.0229	0.9286	0.8557	0.2417
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.3143	0.6857	0.2391	0.0000	0.4897
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.5600	0.4400	0.3590	0.0000	0.5150
jm1	0.8237	0.1763	0.6580	0.2598	0.6426
jvowels	0.9809	0.0042	0.9794	0.9784	0.0355
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.4749	0.0583	0.4605	0.4086	0.4378
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.9412	0.0051	0.9674	0.9381	0.0215
led24	0.6500	0.0778	0.6782	0.6011	0.1969
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9440	0.0043	0.9442	0.9417	0.0634
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8333	0.0222	0.8006	0.8213	0.0672

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.8235	0.1765	0.8102	0.6151	0.6335
loan	0.9532	0.0468	0.9500	0.9000	0.2603
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.7736	0.0647	0.5559	0.6830	0.2169
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.8769	0.1231	0.8628	0.7218	0.4919
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.4688	0.5312	0.3191	0.0000	0.5307
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6238	0.2508	0.6281	0.4212	0.5543
math	0.6000	0.2000	0.6072	0.4346	0.5105
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.2267	0.3093	0.2258	0.0327	0.8570
messidor	0.4348	0.5652	0.3030	0.0000	0.5294
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	0.2222	0.5185	0.1212	0.0000	0.4199
meter-C	0.3333	0.3333	0.1250	0.0000	0.3773
meter-D	0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.8200	0.0360	0.8215	0.8000	0.1349
mfeat-kar	0.9850	0.0030	0.9851	0.9833	0.0190
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.9800	0.0040	0.9806	0.9778	0.0224
mfeat-zer	0.8300	0.0340	0.8320	0.8111	0.0764
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.2358	0.5094	0.1272	0.0000	0.4229
mines	0.7647	0.0941	0.7485	0.7050	0.2440
mobile	0.8741	0.0045	0.8862	0.8718	0.0561
monks-1	0.7455	0.2545	0.7457	0.4901	0.7537
monks-2	0.7541	0.2459	0.7220	0.3615	0.5788
monks-3	0.8571	0.1429	0.8737	0.7168	0.3812
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
musk	0.9879	0.0121	0.9766	0.9521	0.0508
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.8414	0.1586	0.4569	0.0000	0.3047
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.2917	0.4722	0.1505	0.0000	0.3860
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.4630	0.2685	0.1582	0.0000	0.3435
occupancy	0.9874	0.0126	0.9828	0.9650	0.1393
Occupancy_Estimation	0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	1.0000	0.0000	1.0000	1.0000	0.0000
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.8923	0.1077	0.5902	0.1678	0.6829
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.6653	0.2922	0.5026
ozone8hr	0.9209	0.0791	0.6561	0.2945	0.6140
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.8810	0.8732	0.1563
parkinson	0.9667	0.0333	0.9660	0.9314	0.2027
parkinsons	0.7725	0.2275	0.8008	0.5597	0.5850
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.9223	0.0777	0.9072	0.8128	0.4147
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9882	0.0024	0.9881	0.9868	0.0210
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.3571	-0.2000	0.9762
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phishing	0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8630	0.1370	0.8277	0.6544	0.5716
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6842	0.3158	0.6558	0.2897	0.8130
pirvision	0.9882	0.0078	0.9809	0.9636	0.1005
placement	0.7910	0.2090	0.7880	0.5751	0.6834
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9122	0.0878	0.6072	0.2125	0.6383
polish-5th	0.9222	0.0778	0.7120	0.4232	0.6275
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9808	0.0192	0.9409	0.8795	0.1823
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9890	0.0110	0.9889	0.9778	0.0797
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.9036	0.0321	0.8933	0.8807	0.1476
satimageF	0.9876	0.0124	0.9690	0.9374	0.2071
satimageT	0.9393	0.0607	0.8102	0.5908	0.3830

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.6176	0.3824	0.6294	0.2353	0.8487
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.1472	0.2437	0.0367	0.0000	0.4017
segmentation	0.8366	0.1634	0.8205	0.6406	0.6087
segmentO	0.1472	0.8528	0.1283	0.0000	0.3180
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.6289	0.3711	0.5846	0.1257	0.6127
sens-6-gram	0.6632	0.3368	0.5881	0.1394	0.6383
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.2077	0.7923	0.1720	0.0000	0.3990
skin10%	0.9967	0.0033	0.9950	0.9901	0.0416
smarket	0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1767	0.3293	0.1765	-0.0291	0.8903
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.8500	0.1500	0.8518	0.7000	0.5467
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9130	0.0870	0.9089	0.8150	0.3758
spect	0.6667	0.3333	0.5950	0.1818	0.8134
spectf	0.8286	0.1714	0.8046	0.6038	0.6382
spectrometer	0.5769	0.0313	0.4533	0.5536	0.1266
splice-EI	0.9464	0.0536	0.9327	0.8630	0.3437
splice-IE	0.9464	0.0536	0.9269	0.8536	0.3460
sport-articles	0.3700	0.6300	0.2701	0.0000	0.5154
squash-stored	0.6000	0.2667	0.5714	0.3750	0.2113
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.0821	0.9179	0.0758	0.0000	0.2013
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	0.3348	0.4435	0.1672	0.0000	0.4165
streaming	0.8100	0.1900	0.8303	0.6282	0.5286
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3100	0.2760	0.1825	-0.0091	0.8151
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.3227	0.6773	0.2440	0.0000	0.4945
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.8000	0.1000	0.7960	0.7333	0.2330
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9687	0.0313	0.6632	0.2470	0.4118
ur3_cobotops_stop	0.9565	0.0435	0.6448	0.2826	0.5922
urban	0.7313	0.0597	0.7642	0.6867	0.1825
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.8095	0.0952	0.7964	0.7456	0.1470
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6768	0.0588	0.7051	0.6444	0.1888
vowelZ	0.9293	0.0707	0.8619	0.6831	0.5142
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2767	0.3617	0.2762	0.0356	0.8441
waveform	0.8100	0.1267	0.8111	0.7150	0.4089
web-phishing	0.0741	0.6173	0.0460	0.0000	0.3984
Weekly	0.9630	0.0370	0.9630	0.9253	0.2123
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9917	0.0083	0.9582	0.9156	0.2543
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6289	0.1237	0.3132	0.4094	0.5994
winequality-white	0.5808	0.1198	0.3422	0.3624	0.5607
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2	0.0473	0.9527	0.0452	0.0000	0.1242
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 347: Detailed results for LR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1247	0.0604	0.0720	0.0500	0.6620
abalone19	0.9856	0.0144	0.4964	-0.0072	0.5293
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9744	0.0256	0.6462	0.2920	0.5762
accident	0.6000	0.4000	0.6000	0.2000	0.9288
ads	0.9543	0.0457	0.9061	0.8121	0.3831
adult	0.8055	0.1945	0.7299	0.4598	0.7226
advanced-iot	0.0000	0.3333	0.0000	-0.2000	0.5770
AID_1431	0.8016	0.1984	0.4830	-0.0328	0.6707
AID_1431_KlekotaRothFingerprinter	0.6508	0.3492	0.5413	0.0536	0.5096
AID_1431_MACCSFingerprinter	0.4286	0.5714	0.4596	-0.0344	0.4223
AID_1878	0.7810	0.2190	0.6527	0.3038	0.7668
AID_602330	0.9219	0.0781	0.5386	0.0769	0.6207
AID_652128	0.8182	0.1212	0.4125	0.0660	0.6100
AID1284Morered	0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red	0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered	0.8835	0.1165	0.5402	0.0804	0.6801
AID1608red	0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red	0.9836	0.0164	0.6183	0.2149	0.5259
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9985	0.0015	0.5912	0.1811	0.5354
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9930	0.0070	0.4982	-0.0034	0.4755
AID604	0.9996	0.0004	0.9705	0.9410	0.1510
AID604AID644_AllRed	0.9980	0.0020	0.4995	-0.0010	0.5055
AID644Morered	0.6000	0.4000	0.6094	0.2000	0.8294
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9991	0.0009	0.4998	-0.0004	0.5319
AID687red	0.9961	0.0039	0.4990	-0.0014	0.5024
AID688red	0.9846	0.0154	0.4961	-0.0075	0.5641
AID721morered	0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9985	0.0015	0.5912	0.1811	0.5354
AID746red	0.9911	0.0089	0.6027	0.2045	0.5517
aids	0.8028	0.1972	0.7793	0.5379	0.6567
air_pollution	0.1667	0.2381	0.1429	0.0045	0.8919
air-booking	0.6702	0.3298	0.6504	0.2368	0.6243
airline	0.8491	0.1509	0.8485	0.6956	0.5625
alcohol	0.0857	0.3657	0.0438	-0.3563	0.5489
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7953	0.2047	0.8042	0.5868	0.6233
anneal	0.9888	0.0045	0.9858	0.9759	0.0146
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9889	0.0056	0.9752	0.9788	0.0301
anuran-genus	0.9861	0.0035	0.9653	0.9771	0.0668
anuran-species	0.9861	0.0028	0.9743	0.9807	0.0592
anxiety	0.1333	0.1926	0.1232	0.0230	0.7709
apple-quality	0.6800	0.3200	0.6806	0.3600	0.8430
aps-failure	0.9900	0.0100	0.8457	0.6860	0.3560
arabidopsis	0.9848	0.0152	0.5586	0.1167	0.5389
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.6782	0.3218	0.5129	0.0025	0.0723
arabidopsis10%	0.9875	0.0125	0.5353	0.0682	0.5612

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7000	0.3000	0.6784	0.3478	0.8165
arrhythmia	0.5333	0.0718	0.2784	0.2216	0.4101
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.7391	0.0217	0.3362	0.6913	0.0747
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.7273	0.2727	0.6931	0.3774	0.7886
autism-adult	0.8714	0.1286	0.8470	0.6903	0.5586
autism-child	0.6897	0.3103	0.6905	0.3800	0.8315
autos	0.8000	0.0667	0.6553	0.7324	0.1641
avila	0.7652	0.0391	0.7763	0.6938	0.3689
babies	0.1532	0.2419	0.0612	-0.1836	0.6284
balance	0.8065	0.1290	0.5870	0.6597	0.4283
bank	0.8713	0.1287	0.6615	0.3219	0.6957
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8318	0.1682	0.8176	0.6352	0.6193
basehock	0.8040	0.1960	0.8157	0.6075	0.5740
bio	0.9970	0.0029	0.9132	0.8258	0.2735
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.8571	0.1429	0.8494	0.6986	0.5580
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9759	0.0017	0.0748	0.1761	1.0000
bitcoin1%	0.9708	0.0020	0.0366	0.0360	0.4251
bitcoin10%	0.9740	0.0018	0.0553	0.1118	0.7686
body-perf	0.0381	0.4810	0.0605	-0.2826	0.7179
bookings	0.0004	0.6664	0.0042	-0.8461	0.6415
brain-tumor	0.5090	0.4910	0.5091	0.0181	0.9946
breast-cancer	0.6429	0.3571	0.5944	0.1860	0.8702
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.5000	0.1429	0.4685	0.3590	0.2261
bub10at310k-hg16-17	0.8641	0.1359	0.6034	0.2066	0.7015
bub12at310k-hg16-17	0.8741	0.1259	0.6209	0.2418	0.6971
bub8at310k-hg16-17	0.8548	0.1452	0.6171	0.2304	0.6879
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae	0.3590	0.4273	0.3384	0.0158	0.7964
car	0.9310	0.0345	0.9073	0.8591	0.2477
car-insurance	0.7960	0.2040	0.7976	0.5732	0.6343
card	0.7681	0.2319	0.7603	0.5196	0.7249
cardiotocography	0.7746	0.0451	0.7641	0.7299	0.2462
cardiotocography-nsp	0.9155	0.0563	0.8382	0.7551	0.2451
cardiovascular	0.6524	0.3476	0.6527	0.3047	0.8758
cargo2k	0.9695	0.0203	0.9695	0.9543	0.0980
cars	0.7000	0.2000	0.6194	0.4299	0.5035
cas_N6512_cdk_ECFP2	0.7143	0.2857	0.7137	0.4270	0.8014
cas_N6512_rdkit_ATOMPAIR	0.7185	0.2815	0.7184	0.4361	0.7945
cas_N6512_RDkit_AtomPair_FP	0.7592	0.2408	0.7582	0.5164	0.7361
cas_N6512_rdkit_AVALON	0.7711	0.2289	0.7724	0.5426	0.7101
cas_N6512_RDkit_Avalon_FP	0.7960	0.2040	0.7979	0.5928	0.6634
cas_N6512_rdkit_descriptors	0.6985	0.3015	0.7040	0.4016	0.8039
cas_N6512_rdkit_FEATMORGAN	0.7481	0.2519	0.7494	0.4967	0.7472
cas_N6512_RDkit_Featmorgan_FP	0.7807	0.2193	0.7811	0.5609	0.6968
cas_N6512_RDkit_FP	0.7408	0.2592	0.7413	0.4814	0.7611
cas_N6512_rdkit_LAYERED	0.7846	0.2154	0.7869	0.5703	0.6826
cas_N6512_RDkit_Layered_FP	0.7577	0.2423	0.7569	0.5136	0.7381

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7281	0.2719	0.7279	0.4551	0.7814
cas_N6512_RDkit_MACCS_FP	0.7500	0.2500	0.7550	0.5033	0.7305
cas_N6512_rdkit_MORGAN	0.7692	0.2308	0.7685	0.5368	0.7193
cas_N6512_RDkit_morgan_FP	0.7638	0.2362	0.7647	0.5277	0.7236
cas_N6512_rdkit_PATTERN	0.7631	0.2369	0.7656	0.5276	0.7189
cas_N6512_RDkit_pattern_FP	0.7623	0.2377	0.7656	0.5265	0.7172
cas_N6512_rdkit_RDKITFP	0.7604	0.2396	0.7629	0.5222	0.7234
cas_N6512_rdkit_TORSION	0.7446	0.2554	0.7448	0.4886	0.7562
ccds	0.9636	0.0364	0.6890	0.3136	0.4295
ccds1%	0.9451	0.0549	0.6286	0.2571	0.6181
ccds10%	0.9235	0.0765	0.5657	0.1282	0.5966
cdc_diabetes	0.7789	0.1474	0.4004	0.1776	0.6604
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7772	0.2228	0.7689	0.5322	0.7052
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.7355	0.2645	0.5945	0.0967	0.3512
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.6189	0.3811	0.6153	0.0941	0.2917
CDS49_AID687_Rdkit-ecfp4-fp	0.5517	0.4483	0.5128	0.0006	0.0196
census	0.9240	0.0760	0.6702	0.3400	0.6370
census10%	0.9144	0.0856	0.6116	0.2232	0.6573
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7589	0.5147	0.5542
cervical-C	0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia	0.0457	0.4772	0.0648	-0.4566	0.6465
chrom19	0.9996	0.0004	0.9043	0.8083	0.3450
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9989	0.0011	0.8015	0.5904	0.5216
chrom21	0.9998	0.0002	0.6565	0.1481	0.1773
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.5422	0.4578	0.6101	0.1026	0.3647
churn	0.6320	0.3680	0.6540	0.2498	0.6759
churn-bigml	0.6929	0.3071	0.7033	0.3109	0.5628
ci900367j_MACCS	0.7053	0.2947	0.7029	0.3998	0.7987
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.5000	0.3333	0.3658	0.1285	0.7500
cjs	0.9857	0.0048	0.9859	0.9826	0.0298
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.6833	0.1583	0.4869	0.5139	0.5979
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.6970	0.3902	0.6445
cmc	0.4830	0.3447	0.4692	0.2080	0.7614
cnae-9	0.8426	0.0350	0.8454	0.8229	0.1416
codon_usage	0.9233	0.0140	0.8203	0.9070	0.1616
coil20	0.9861	0.0014	0.9866	0.9854	0.0097
college	0.8442	0.1558	0.8435	0.6580	0.5395
collins	0.2800	0.0960	0.2335	0.2046	0.4133
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2	0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3	0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.6552	0.3448	0.6546	0.3062	0.8683
colposcopies-c	0.7586	0.2414	0.6226	0.2281	0.7911
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.7742	0.1505	0.7559	0.6359	0.4045

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5254	0.4645	0.5343	0.0316	0.7951
comedy_comparisons1%	0.4969	0.5031	0.4984	-0.0032	0.9978
comedy_comparisons10%	0.5329	0.4671	0.5327	0.0654	0.9797
connect-4	0.9477	0.0348	0.4341	0.1887	0.5150
cottonmeloidogyne	0.6562	0.3438	0.6608	0.3107	0.8461
coupon	0.6356	0.3644	0.6324	0.2641	0.8925
covid19	0.2236	0.2218	0.0945	-0.1405	0.8150
covtype	0.9389	0.0175	0.8937	0.9019	0.1744
covtype10%	0.8635	0.0390	0.7635	0.7806	0.3190
covtypeCD	0.9901	0.0099	0.9791	0.9581	0.1400
covtypeT	0.9855	0.0145	0.9442	0.8885	0.2569
crabs	0.0000	0.5000	0.0000	-0.3333	0.6457
creditcard_trans	0.5251	0.4749	0.5810	0.0028	0.0116
creditcard_trans10%	0.5629	0.4371	0.6112	0.0045	0.0115
crowdsourced	0.9585	0.0138	0.8858	0.9163	0.1721
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5000	0.0250	0.3586	0.4870	0.0661
customer-churn	0.5214	0.4786	0.6165	0.0413	0.1097
cybersecurity	0.1567	0.2811	0.1559	-0.0132	0.8854
cyclopentane	0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands	0.6481	0.3519	0.6666	0.3151	0.8238
darwin	0.6667	0.3333	0.6866	0.3333	0.7578
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1000	0.1800	0.0997	-0.0000	0.9240
day1%	0.7133	0.2867	0.6979	0.2445	0.4841
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7353	0.2647	0.6198	0.2395	0.8201
defect	0.5802	0.4198	0.6536	0.2070	0.5497
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8691	0.1309	0.6710	0.3415	0.6948
depressed	0.5035	0.4965	0.5404	0.0553	0.6443
dermatology	0.9189	0.0270	0.9131	0.8985	0.0722
desharnais	0.6250	0.2500	0.4037	0.2727	0.4605
dexter	0.5167	0.4833	0.5349	0.0333	0.7615
df_final	0.1250	0.5833	0.1300	-0.3176	0.9203
DIA	0.6333	0.3667	0.6264	0.2281	0.7822
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k	0.6197	0.3803	0.6751	0.1909	0.3733
diabetes-risk	0.6837	0.3163	0.7207	0.3593	0.6061
diabetic	0.4528	0.3648	0.3590	0.0461	0.8058
diabetic1%	0.4412	0.3725	0.3416	0.0498	0.8113
diabetic10%	0.4361	0.3759	0.3305	0.0078	0.8181
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.0000	0.5000	0.0000	-0.3857	0.7517
diamonds_all	0.0562	0.3775	0.0453	-0.3273	0.8740
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9962	0.0038	0.4990	-0.0015	0.5201
dna1%	0.9955	0.0045	0.5081	0.0155	0.5433
dna10%	0.9955	0.0045	0.5359	0.0701	0.5427
dorothea	0.8261	0.1739	0.5354	0.0703	0.7132
dota2	0.5178	0.4822	0.5160	0.0320	0.9897
dota210%	0.5223	0.4777	0.5203	0.0406	0.9870
drebin	0.9508	0.0492	0.9488	0.8960	0.2761
dropout	0.6591	0.2272	0.5676	0.4257	0.6058

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.2713	0.2082	0.1495	-0.0006	0.8591
drug-02	0.4043	0.1702	0.2122	0.1175	0.8179
drug-03	0.5638	0.1246	0.1493	0.0768	0.6552
drug-04	0.3723	0.1793	0.2023	0.1073	0.8221
drug-05	0.5372	0.1322	0.1239	-0.0463	0.7772
drug-06	0.3032	0.1991	0.2535	0.1649	0.7541
drug-07	0.2979	0.2006	0.1122	-0.0778	0.7315
drug-08	0.4043	0.1702	0.2015	0.1052	0.8300
drug-09	0.7926	0.0593	0.1779	0.0953	0.6280
drug-10	0.4149	0.1672	0.1473	0.0728	0.7445
drug-11	0.7553	0.0699	0.1457	-0.0043	0.7645
drug-12	0.6489	0.1003	0.2320	0.0687	0.7557
drug-13	0.5000	0.1429	0.1723	0.1790	0.8201
drug-14	0.4840	0.1474	0.2543	0.1797	0.7322
drug-15	0.6436	0.1018	0.1764	0.1523	0.7572
drug-16	0.4840	0.1474	0.2202	0.2033	0.6401
drug-17	0.2606	0.2112	0.1835	0.0673	0.8363
drug-18	0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19	0.6543	0.0988	0.1798	0.1444	0.7843
drybean	0.9111	0.0254	0.9260	0.8925	0.1438
ecoli	0.8529	0.0368	0.5261	0.7942	0.1017
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU	0.8182	0.1818	0.5816	0.1538	0.6675
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2776	0.0396	0.8140
eeg	0.3709	0.0786	0.3838	0.3049	0.7262
eeg-eye	0.9112	0.0888	0.9104	0.8208	0.4015
eeg10%	0.2741	0.0907	0.2770	0.1974	0.7449
email_phishing	0.8069	0.1931	0.5190	0.0096	0.1561
eucalyptus	0.4658	0.2137	0.4547	0.3187	0.5914
euthyroid	0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq	0.9547	0.0453	0.9560	0.9094	0.2231
exon.vs.intron-freq10%	0.8884	0.1116	0.8972	0.7786	0.3787
fakenews	0.5400	0.4600	0.5403	0.0805	0.9744
farm-ads	0.7488	0.2512	0.7746	0.5082	0.6250
fbis-wc	0.6179	0.0450	0.6056	0.5724	0.3828
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4314	0.5686	0.4356	-0.1264	1.0000
financial-risk	0.0200	0.3267	0.0111	-0.2861	0.7310
fishcatch	0.0000	0.3333	0.0000	-0.3403	0.4874
flags	0.6000	0.1000	0.4483	0.4953	0.2309
fonts	0.7612	0.0031	0.6015	0.7502	0.3363
fonts10%	0.5285	0.0062	0.2721	0.5062	0.6041
forest	0.9038	0.0481	0.9003	0.8672	0.1365
gas	0.9957	0.0014	0.9960	0.9948	0.0122
gastrointestinal	0.6875	0.2083	0.6898	0.5031	0.5143
gender	0.5095	0.3270	0.3952	0.0863	0.7629
gene	0.7445	0.1703	0.7437	0.6039	0.5048
german	0.6500	0.3500	0.6030	0.2045	0.8963
gestures	0.2628	0.3686	0.2653	0.0173	0.8443
gina	0.8098	0.1902	0.8122	0.6184	0.6255
gisette	0.9286	0.0714	0.9289	0.8571	0.3386
glass	0.7619	0.0794	0.8224	0.6779	0.2764
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.7262	0.2738	0.7142	0.4250	0.7863
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.6000	0.2000	0.5875	0.4611	0.4564
gsalc	0.0000	0.3333	0.0000	-0.1571	0.4317
haberman	0.6667	0.3333	0.6067	0.2105	0.8514
hapt	0.9588	0.0069	0.8216	0.9513	0.0402
har	0.0494	0.3802	0.0437	-0.1982	0.9277
har70	0.9144	0.0245	0.6567	0.8750	0.3279
har701%	0.8850	0.0329	0.5782	0.8338	0.3241
har7010%	0.9037	0.0275	0.6041	0.8592	0.3439
harth	0.8787	0.0202	0.6520	0.8357	0.2443
harth1%	0.8489	0.0252	0.5922	0.7951	0.2675
harth10%	0.8667	0.0222	0.6294	0.8194	0.2609
hayes-roth	0.6875	0.2083	0.7253	0.5000	0.4011
hcc-survival	0.8824	0.1176	0.8786	0.7571	0.4880
health-activity	0.3600	0.3200	0.2021	-0.0699	0.6060
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.9032	0.0968	0.9038	0.8058	0.4189
heart-c	0.8000	0.2000	0.8001	0.5946	0.6479
heart-failure	0.7760	0.2240	0.7831	0.5390	0.6495
heart-quantum	0.8200	0.1800	0.8474	0.6512	0.4490
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.8022	0.1978	0.8023	0.6043	0.6596
hepmass1%	0.7733	0.2267	0.7734	0.5467	0.7119
hepmass10%	0.7872	0.2128	0.7872	0.5744	0.6877
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.6579	0.3421	0.6566	0.3132	0.8720
higgs0.1%	0.5527	0.4473	0.5500	0.1000	0.9670
higgs1%	0.5915	0.4085	0.5888	0.1774	0.9368
higgs10%	0.6213	0.3787	0.6193	0.2385	0.9098
higher	0.2143	0.1964	0.1652	0.0610	0.4072
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.8347	0.1653	0.7283	0.4539	0.6973
hiva	0.9456	0.0544	0.5276	0.0531	0.6308
horse	0.5556	0.2963	0.3923	0.1504	0.6733
hotel-reservartions	0.7704	0.2296	0.7765	0.5299	0.6673
hr	0.5333	0.4667	0.6035	0.1268	0.5297
ht-sensor	1.0000	0.0000	1.0000	1.0000	0.0000
ht-sensor10%	0.9999	0.0001	0.9999	0.9998	0.0007
htru2	0.9709	0.0290	0.9109	0.8216	0.3278
hypothyroid	0.9310	0.0345	0.5292	0.5252	0.3050
hypothyroidT	0.9443	0.0557	0.7832	0.5590	0.5058
ilpd	0.6949	0.3051	0.6020	0.2003	0.8649
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.0060	0.4970	0.0057	-0.3253	0.7495
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8793	0.0093	0.8811	0.8745	0.1008

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.7557	0.2443	0.6256	0.2506	0.7952
jvowels	0.9970	0.0007	0.9970	0.9966	0.0056
kc1	0.8294	0.1706	0.6522	0.3017	0.7383
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.5714	0.0357	0.0370	0.2696	0.0285
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.7118	0.4235	0.7319
kdc-4007	0.2743	0.1814	0.3488	0.1524	0.4160
kddcup98	0.9086	0.0914	0.4917	-0.0166	0.6557
kddcup981%	0.9579	0.0421	0.7439	0.3214	0.1201
kddcup9810%	0.9215	0.0785	0.5064	0.0121	0.6660
kddcup99	0.9999	0.0000	0.7497	0.9998	0.0234
kddcup991%	0.9988	0.0001	0.5457	0.9979	0.0014
kddcup9910%	0.9994	0.0000	0.7292	0.9990	0.0303
kepler	0.0052	0.6632	0.0061	-0.5451	0.8235
kidney	0.3301	0.2680	0.2095	-0.0003	0.6257
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.5651	0.0483	0.5603	0.5145	0.4793
krvskp	0.9060	0.0940	0.9057	0.8114	0.4146
la1s-wc	0.4635	0.1788	0.5175	0.3396	0.5311
la2s-wc	0.4238	0.1921	0.4498	0.2935	0.5326
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.5882	0.0206	0.3317	0.5677	0.0757
led24	0.5500	0.0900	0.5114	0.4930	0.2136
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9610	0.0030	0.9605	0.9594	0.0464
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8611	0.0185	0.8750	0.8509	0.0672
linkage	1.0000	0.0000	0.9989	0.9978	0.0076
linkage1%	0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%	1.0000	0.0000	0.9976	0.9952	0.0210
liver	0.6765	0.3235	0.6780	0.3392	0.7960
loan	0.9063	0.0937	0.9115	0.8095	0.3655
localization	0.7349	0.0482	0.5411	0.6693	0.5292
localization10%	0.6845	0.0574	0.4610	0.6023	0.5383
lrs	0.8302	0.0340	0.4915	0.7664	0.1458
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8500	0.0600	0.6795	0.6703	0.2274
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6582	0.3077	0.8482
lymphography	0.5714	0.2143	0.5244	0.2500	0.3338
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9149	0.0851	0.9152	0.8273	0.3841
madelon	0.5577	0.4423	0.5578	0.1154	0.9617
magic04	0.8311	0.1689	0.8116	0.6216	0.6175
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7292	0.2708	0.7320	0.4604	0.7707
marketing	0.7143	0.2857	0.6836	0.3009	0.6211
maternal	0.8614	0.0924	0.8646	0.7906	0.3213
math	0.0500	0.4750	0.0357	-0.3298	0.7826
mba	0.3468	0.4355	0.2422	-0.2485	0.4937
mental-disorders	0.0000	0.5000	0.0000	-0.3333	0.6842
mental-health	0.1867	0.3253	0.1832	-0.0162	0.8788

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6174	0.3826	0.6108	0.2215	0.9143
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.7778	0.1111	0.7941	0.6910	0.1671
mfeat-fac	0.9700	0.0060	0.9713	0.9667	0.0315
mfeat-fou	0.8300	0.0340	0.8316	0.8111	0.1279
mfeat-kar	0.9550	0.0090	0.9561	0.9500	0.0565
mfeat-mor	0.6850	0.0630	0.6868	0.6500	0.2286
mfeat-pix	0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-zer	0.8300	0.0340	0.8347	0.8111	0.1057
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.0283	0.6478	0.0222	-0.5343	0.9147
mines	0.5000	0.2000	0.4841	0.3717	0.4872
mobile	0.5874	0.0147	0.6058	0.5799	0.1857
monks-1	0.8364	0.1636	0.8471	0.6711	0.4963
monks-2	0.8525	0.1475	0.8387	0.6769	0.5789
monks-3	0.6964	0.3036	0.6973	0.3882	0.8106
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0167	0.1788	0.0149	-0.1324	0.9318
musk	0.9394	0.0606	0.8823	0.7643	0.4240
MUT_ci300400a_cdk_ECFP2	0.7746	0.2254	0.7704	0.5402	0.7133
MUT_ci300400a_cdk_ECFP4	0.7832	0.2168	0.7845	0.5639	0.6846
MUT_ci300400a_cdk_ECFP6	0.7617	0.2383	0.7627	0.5208	0.7213
MUT_ci300400a_cdk_ESTATE	0.6978	0.3022	0.7000	0.3950	0.8089
MUT_ci300400a_cdk_EXTENDED	0.7974	0.2026	0.7996	0.5931	0.6560
MUT_ci300400a_cdk_FCFP2	0.7617	0.2383	0.7602	0.5179	0.7280
MUT_ci300400a_cdk_FCFP4	0.7782	0.2218	0.7780	0.5524	0.6976
MUT_ci300400a_cdk_FCFP6	0.7614	0.2386	0.7694	0.5265	0.6983
MUT_ci300400a_cdk_MACCS	0.7182	0.2818	0.7165	0.4306	0.7918
MUT_ci300400a_cdk_PUBCHEM	0.8000	0.2000	0.7989	0.5951	0.6621
MUT_ci300400a_cdk_STANDARD	0.7713	0.2287	0.7738	0.5413	0.7007
MUT_ci300400a_rdkit_descriptors	0.8471	0.1529	0.8432	0.6862	0.5709
myocardial	0.8765	0.0309	0.3903	0.4723	0.4002
naticusdroid	0.9025	0.0975	0.9054	0.8049	0.3912
NCI60	0.0000	0.3333	0.0000	-0.2000	0.4283
nci9	0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA	0.9489	0.0054	0.7682	0.8671	0.6138
ncRNA1%	0.8829	0.0123	0.4744	0.6965	0.9843
ncRNA10%	0.9197	0.0085	0.6276	0.7907	0.8394
neo	0.6487	0.3513	0.6926	0.2334	0.4111
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.4160	0.0265	0.4714	0.3973	0.4102
newspop	0.5805	0.4195	0.5803	0.1603	0.9435
NHANES_age_prediction	0.9163	0.0837	0.8327	0.6595	0.4812
nomao	0.9495	0.0505	0.9378	0.8756	0.2962
NPHA-doctor-visits	0.4306	0.3796	0.3647	0.0667	0.8037
nursery	0.9568	0.0173	0.7295	0.9366	0.1008
obesity	0.0237	0.2789	0.0330	-0.1381	0.7420
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9918	0.9836	0.0668
Occupancy_Estimation	0.9891	0.0054	0.9652	0.9671	0.0734
oh0-wc	0.3861	0.1228	0.4111	0.2754	0.4704
oh10-wc	0.2381	0.1524	0.3316	0.1731	0.4946
oh15-wc	0.2391	0.1522	0.2943	0.1396	0.4861
oh5-wc	0.2527	0.1495	0.3176	0.1780	0.4568

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.2966	0.1407	0.3191	0.2128	0.6721
olive	0.0000	0.2222	0.0000	-0.2444	0.5958
opn310k	0.8360	0.1640	0.5990	0.1909	0.6788
opn310k10%	0.8322	0.1678	0.5964	0.1836	0.6686
opnat310k-hg16-17	0.8376	0.1624	0.6043	0.2010	0.6780
optdigits	0.9733	0.0053	0.9746	0.9703	0.0398
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr	0.9565	0.0435	0.5776	0.1349	0.5847
ozone8hr	0.8933	0.1067	0.5644	0.1261	0.6936
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7629	0.2371	0.7359	0.4718	0.7516
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants	0.9949	0.0051	0.6944	0.3821	0.5030
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.9708	0.0117	0.8248	0.8307	0.1992
parkinson	0.9250	0.0750	0.9237	0.8462	0.3614
parkinsons	0.7536	0.2464	0.7811	0.5230	0.6285
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.8614	0.1386	0.8292	0.6583	0.5839
particle10%	0.8638	0.1362	0.8334	0.6665	0.5782
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9279	0.0721	0.7306	0.4612	0.6104
pcmac	0.5722	0.4278	0.5187	0.0268	0.8814
pcos	0.9067	0.0933	0.8884	0.7518	0.4545
pd	0.9342	0.0658	0.9140	0.8276	0.3877
pediatric-leukemia	0.7353	0.0756	0.6727	0.6648	0.1654
pendigits	0.9927	0.0015	0.9927	0.9919	0.0136
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.1111	0.8889	0.1000	-0.5000	0.9422
persistency	0.7959	0.2041	0.7923	0.5794	0.6693
personalities	0.0005	0.1249	0.0005	-0.0661	0.8767
pet-adoption	0.7800	0.2200	0.7979	0.5600	0.6095
phishing	0.9714	0.0286	0.9707	0.9406	0.1814
PhiUSIIL	0.9968	0.0032	0.9967	0.9934	0.0294
PhiUSIIL10%	0.9919	0.0081	0.9918	0.9835	0.0640
phone-acc	0.8991	0.0288	0.8928	0.8821	0.1268
phone-acc0.1%	0.7167	0.0809	0.7062	0.6690	0.3112
phone-acc1%	0.7913	0.0596	0.7812	0.7561	0.2420
phone-acc10%	0.8489	0.0432	0.8404	0.8234	0.1806
phone-gyr	0.9414	0.0167	0.9369	0.9315	0.0884
phone-gyr0.1%	0.7380	0.0749	0.7268	0.6937	0.3137
phone-gyr1%	0.8188	0.0518	0.8082	0.7881	0.2306
phone-gyr10%	0.8886	0.0318	0.8813	0.8698	0.1517
phoneme	0.9148	0.0852	0.8930	0.7843	0.4091
phy	0.6316	0.3684	0.6316	0.2632	0.8991
pima	0.6842	0.3158	0.6560	0.2808	0.7925
pirvision	0.2234	0.5177	0.1219	-0.2702	0.4730
placement	0.7730	0.2270	0.7752	0.5447	0.6997
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker	0.5018	0.0996	0.2368	0.1227	0.7289
poker1%	0.4527	0.1095	0.2057	0.0442	0.7182
poker10%	0.4630	0.1074	0.2089	0.0548	0.7083
polish-1st	0.9331	0.0669	0.5033	0.0066	0.6332
polish-2nd	0.9204	0.0796	0.5139	0.0276	0.6061
polish-3rd	0.9210	0.0790	0.5029	0.0057	0.6570

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9133	0.0867	0.5645	0.1290	0.6535
polish-5th	0.9069	0.0931	0.6185	0.2362	0.6682
polya	0.7211	0.2789	0.6942	0.3882	0.8091
popularity	0.5453	0.3032	0.3909	0.1028	0.7491
post-operative	0.2222	0.5185	0.1667	-0.4000	0.4767
postures	0.9693	0.0123	0.9690	0.9616	0.0694
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7230	0.4412	0.7804
prestige	0.1111	0.5926	0.1667	-0.3846	0.6925
primary-tumor	0.2727	0.0661	0.1284	0.1935	0.2746
processed	0.8191	0.1809	0.8416	0.6382	0.4913
profb	0.6418	0.3582	0.6130	0.2239	0.8794
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9934	0.0027	0.9891	0.9911	0.0234
puc-rio10%	0.9819	0.0072	0.9689	0.9757	0.0493
pufs-128	0.5009	0.4991	0.5009	0.0017	0.9995
pufs-1281%	0.4962	0.5038	0.4962	-0.0077	1.0000
pufs-12810%	0.4970	0.5030	0.4970	-0.0060	1.0000
pufs-64	0.5027	0.4973	0.5027	0.0055	0.9985
pufs-641%	0.5088	0.4913	0.5087	0.0175	0.9950
pufs-6410%	0.5060	0.4940	0.5060	0.0120	0.9966
pulsar	0.8196	0.1804	0.7577	0.4153	0.5240
raisin	0.8556	0.1444	0.8563	0.7111	0.5413
rcv1	0.2422	0.0437	0.0178	-0.0101	0.2765
rcv11%	0.4056	0.0224	0.1564	0.2553	0.3790
rcv110%	0.5560	0.0168	0.3022	0.4811	0.5852
re0-wc	0.6133	0.0595	0.5859	0.5065	0.4841
re1-wc	0.5181	0.0386	0.4769	0.4426	0.3909
rejafada	0.9548	0.0452	0.6889	0.3766	0.5971
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.6277	0.0115	0.2558	0.4256	0.3725
rice	0.9846	0.0154	0.9845	0.9689	0.1010
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5617	0.4383	0.5524	0.1044	0.9541
RT_IOT2022	0.9981	0.0003	0.9764	0.9951	0.0037
satimage	0.9098	0.0301	0.8990	0.8890	0.1551
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9393	0.0607	0.8366	0.6730	0.5142
scadi	0.7143	0.0816	0.3896	0.6111	0.0825
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.0000	0.6667	0.0000	-0.5000	0.8584
segment	0.9437	0.0161	0.9494	0.9342	0.0732
segmentation	0.7921	0.2079	0.8007	0.5806	0.6309
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.8953	0.1047	0.5630	0.1260	0.6775
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.7895	0.2105	0.5147	0.0294	0.7847
sens-10-gram	0.8058	0.1942	0.5518	0.1029	0.7773
sens-2-gram	0.8079	0.1921	0.5688	0.1374	0.7671
sens-3-gram	0.8000	0.2000	0.5549	0.1097	0.7712
sens-4-gram	0.7447	0.2553	0.5477	0.0912	0.7360
sens-5-gram	0.7553	0.2447	0.4945	-0.0109	0.7713
sens-6-gram	0.7789	0.2211	0.5617	0.1221	0.7555

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.7632	0.2368	0.5374	0.0737	0.7570
sens-8-gram	0.7789	0.2211	0.5546	0.1084	0.7595
sens-9-gram	0.7737	0.2263	0.5512	0.1012	0.7576
sensorless	0.8304	0.0308	0.8312	0.8135	0.1901
sepsis	0.8392	0.1608	0.5113	0.0226	0.7195
shoppers	0.8483	0.1517	0.6934	0.3852	0.7031
shuttle	0.9993	0.0002	0.9040	0.9981	0.1298
sick	0.9469	0.0530	0.7550	0.4968	0.5125
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin	0.9998	0.0002	0.9997	0.9994	0.0042
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.3600	0.3200	0.3515	0.1444	0.7752
smk_can_187	0.6842	0.3158	0.6833	0.3667	0.8414
smoking	0.7069	0.2931	0.7505	0.4458	0.6457
soil_pollution	0.2033	0.3187	0.2068	0.0053	0.8600
solar-flare	0.7338	0.0887	0.6372	0.6622	0.2669
sonar	0.8000	0.2000	0.8276	0.6000	0.4308
soybean	0.9559	0.0046	0.9835	0.9516	0.0339
spam-detection	0.6200	0.3800	0.6778	0.2009	0.3906
spambase	0.8935	0.1065	0.8885	0.7770	0.4601
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.4340	0.0236	0.2139	0.4038	0.1407
splice-EI	0.8612	0.1388	0.8322	0.6577	0.5855
splice-IE	0.8391	0.1609	0.7917	0.5798	0.6479
sport-articles	0.8200	0.1800	0.8069	0.6139	0.6416
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.4000	0.4000	0.2222	-0.0714	0.4316
startup	0.9785	0.0215	0.9773	0.9537	0.1496
steel_industry	0.8593	0.0938	0.8243	0.7713	0.3023
steel-b	0.8462	0.1538	0.7769	0.5528	0.6568
steel-d	0.9846	0.0154	0.8820	0.7613	0.4382
steel-k	0.9897	0.0103	0.9843	0.9685	0.1057
steel-o	0.8154	0.1846	0.7943	0.5879	0.6550
steel-p	0.9385	0.0615	0.7734	0.5390	0.5226
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9192	0.8247	0.4176
stellar	0.0939	0.6041	0.1000	-0.2032	0.7646
stock	0.7778	0.2222	0.7779	0.4820	0.5678
stockb	0.0000	0.6667	0.0000	-0.4991	0.8374
streaming	0.7920	0.2080	0.7945	0.5847	0.6680
stress	0.0000	0.4000	0.0000	-0.2501	0.4763
student-lifestyle	0.1000	0.3600	0.0609	-0.2456	0.7054
student-depression	0.8280	0.1720	0.8258	0.6499	0.6109
student-habits	0.2300	0.3080	0.1764	-0.0297	0.8207
student-weekend	0.2462	0.3015	0.1914	-0.0189	0.8193
student-workday	0.6562	0.1375	0.2180	0.1549	0.4716
studentap	0.4615	0.3590	0.4388	0.1875	0.5596
susy	0.7183	0.2817	0.7157	0.4313	0.7980
susy1%	0.7092	0.2908	0.7061	0.4114	0.8095
susy10%	0.7152	0.2848	0.7124	0.4247	0.8022
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5333	0.3000	0.5691
telco-churn	0.8125	0.1875	0.8117	0.5907	0.5935
texture	0.9800	0.0036	0.9810	0.9779	0.0290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.9771	0.0229	0.9768	0.9531	0.1496
thoracic	0.5957	0.4043	0.3733	-0.2317	0.7381
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7292	0.2708	0.4217	-0.0443	0.7051
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.7182	0.2818	0.6825	0.3647	0.8145
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f	0.6471	0.3529	0.6136	0.2273	0.8920
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.5467	0.4533	0.4216	-0.1549	0.9021
trec11-wc	0.3659	0.1409	0.4942	0.3046	0.3069
trec12-wc	0.5484	0.1129	0.6060	0.4087	0.2515
trec21-wc	0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc	0.7143	0.0952	0.6587	0.5828	0.2527
trec31-wc	0.6022	0.1137	0.4442	0.4655	0.3375
trec41-wc	0.4886	0.1023	0.5556	0.4198	0.3356
trec45-wc	0.4203	0.1159	0.4711	0.2741	0.3280
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.6750	0.1625	0.6783	0.5667	0.3341
tvnews	0.9437	0.0563	0.9391	0.8768	0.2763
tvnews1%	0.8846	0.1154	0.8748	0.7468	0.4714
tvnews10%	0.8651	0.1349	0.8541	0.7079	0.5394
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.6716	0.0730	0.6936	0.6184	0.2914
urinalysis	0.7762	0.2238	0.6555	0.1994	0.4339
url-rep1%	0.7329	0.2671	0.7020	0.2580	0.4811
ustilago	0.9271	0.0729	0.5508	0.0469	0.2377
ustilago1%	0.9560	0.0440	0.4888	-0.0154	0.3202
ustilago10%	0.9409	0.0591	0.5254	0.0295	0.2890
vehicle	0.7262	0.1369	0.6661	0.6291	0.2324
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5859	0.0753	0.6396	0.5444	0.1952
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17	0.9068	0.0932	0.6337	0.2250	0.5956
wap-wc	0.3846	0.0615	0.2776	0.3190	0.3477
warpar10p	0.5385	0.0923	0.4950	0.4834	0.1607
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.9429	0.0163	0.9423	0.9332	0.0922
watch-acc1%	0.8114	0.0539	0.8093	0.7793	0.2378
watch-acc10%	0.8836	0.0333	0.8823	0.8638	0.1603
watch-gyr	0.9095	0.0258	0.9086	0.8943	0.1376
watch-gyr1%	0.7380	0.0749	0.7369	0.6941	0.3240
watch-gyr10%	0.8311	0.0483	0.8300	0.8027	0.2263
water_pollution	0.2533	0.3733	0.2536	0.0044	0.8571
waveform	0.6660	0.2227	0.6669	0.4987	0.5918
weather-related	0.0000	0.1818	0.0000	-0.1806	0.6868
web-phishing	0.8593	0.0938	0.7943	0.7525	0.4168
Weekly	0.9630	0.0370	0.9641	0.9256	0.1858
weight-lift	0.9934	0.0027	0.9931	0.9916	0.0203
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9689	0.0311	0.8324	0.6645	0.4687
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6415	0.1195	0.3157	0.4283	0.5129
winequality-white	0.6524	0.0993	0.3957	0.4856	0.4757
winnipeg	0.9984	0.0004	0.9970	0.9980	0.0075
winnipeg10%	0.9960	0.0011	0.9970	0.9950	0.0093
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5203	0.0959	0.3344	0.3881	0.4601
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9324	0.0676	0.4825	-0.0292	0.6521
zip	0.9591	0.0082	0.9546	0.9542	0.0668

Table 348: Detailed results for LR(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2014	0.0551	0.1030	0.1209	0.4451
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9756	0.0244	0.9482	0.8950	0.1934
adult	0.8462	0.1538	0.7749	0.5441	0.6291
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.8492	0.1508	0.4592	-0.0794	0.7334
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.8095	0.1905	0.5447	0.0437	0.6386
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8889	0.1111	0.7333	0.3010	0.2451
AID1608Morered	0.8835	0.1165	0.5402	0.0804	0.6801
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8545	0.1455	0.7886	0.5630	0.5768
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8510	0.1490	0.5880	0.0211	0.3661
airline	0.8744	0.1256	0.8719	0.7435	0.5028
alcohol	0.8000	0.0800	0.4354	0.5368	0.2347
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8419	0.1581	0.8252	0.6498	0.5969
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family	0.9458	0.0271	0.7705	0.8951	0.1516
anuran-genus	0.9611	0.0097	0.8986	0.9359	0.1727
anuran-species	0.9750	0.0050	0.9403	0.9652	0.0580
anxiety	0.0833	0.2037	0.0827	-0.0333	0.8384
apple-quality	0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure	0.9908	0.0092	0.8589	0.7131	0.3366
arabidopsis	0.9920	0.0080	0.6248	0.0692	0.1659
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9935	0.0065	0.7392	0.4184	0.3130
arabidopsis10%	0.9921	0.0079	0.6395	0.0877	0.1595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.6889	0.0479	0.3754	0.4750	0.2270
auction	0.8971	0.1029	0.7211	0.3859	0.5057
audiology	0.7826	0.0181	0.3472	0.7416	0.0717
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.5587	0.0736	0.4259	0.3481	0.3635
babies	0.4355	0.1613	0.1726	0.1133	0.4723
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.9111	0.0889	0.7492	0.4859	0.5659
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.9749	0.0251	0.9749	0.9497	0.1579
bio	0.9972	0.0028	0.9140	0.8196	0.1325
bio10%	0.9966	0.0034	0.9154	0.8259	0.3982
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0010	0.0342	-0.0000	0.0135
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9857	0.0010	0.0342	-0.0001	0.0332
body-perf	0.6306	0.1847	0.6290	0.5075	0.5001
bookings	0.9899	0.0068	0.7486	0.9785	0.0562
brain-tumor	0.5080	0.4920	0.5079	0.0159	0.9952
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.5714	0.7143	0.0558
bub10at310k-hg16-17	0.9100	0.0900	0.6609	0.0189	0.2078
bub12at310k-hg16-17	0.9096	0.0904	0.6307	0.0129	0.2267
bub8at310k-hg16-17	0.9099	0.0901	0.6414	0.0190	0.2251
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4900	0.3400	0.2584	-0.0047	0.3805
car	0.8736	0.0632	0.7542	0.7301	0.2958
car-insurance	0.8320	0.1680	0.8008	0.6003	0.6312
card	0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography	0.8216	0.0357	0.7464	0.7853	0.2199
cardiotocography-nsp	0.8967	0.0689	0.8082	0.7183	0.3598
cardiovascular	0.7193	0.2807	0.7200	0.4386	0.7915
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5859	0.4743	0.5217
cas_N6512_cdk_ECFP2	0.7450	0.2550	0.7429	0.4854	0.7585
cas_N6512_rdkit_ATOMPAIR	0.7277	0.2723	0.7255	0.4507	0.7843
cas_N6512_RDkit_AtomPair_FP	0.7071	0.2929	0.7043	0.4077	0.8118
cas_N6512_rdkit_AVALON	0.7512	0.2488	0.7507	0.5009	0.7477
cas_N6512_RDkit_Avalon_FP	0.7684	0.2316	0.7667	0.5333	0.7214
cas_N6512_rdkit_descriptors	0.7415	0.2585	0.7400	0.4800	0.7642
cas_N6512_rdkit_FEATMORGAN	0.7404	0.2596	0.7386	0.4772	0.7660
cas_N6512_RDkit_Featmorgan_FP	0.7469	0.2531	0.7451	0.4900	0.7559
cas_N6512_RDkit_FP	0.7117	0.2883	0.7094	0.4185	0.8068
cas_N6512_rdkit_LAYERED	0.7538	0.2462	0.7526	0.5052	0.7450
cas_N6512_RDkit_Layered_FP	0.7454	0.2546	0.7433	0.4861	0.7576

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7634	0.2366	0.7615	0.5200	0.7224
cas_N6512_RDkit_MACCS_FP	0.7577	0.2423	0.7565	0.5129	0.7389
cas_N6512_rdkit_MORGAN	0.7262	0.2738	0.7240	0.4477	0.7866
cas_N6512_RDkit_morgan_FP	0.7592	0.2408	0.7575	0.5150	0.7367
cas_N6512_rdkit_PATTERN	0.7738	0.2262	0.7728	0.5455	0.7122
cas_N6512_RDkit_pattern_FP	0.7638	0.2362	0.7633	0.5262	0.7278
cas_N6512_rdkit_RDKITFP	0.7235	0.2765	0.7224	0.4446	0.7899
cas_N6512_rdkit_TORSION	0.7108	0.2892	0.7089	0.4178	0.8080
ccds	0.9656	0.0344	0.7175	0.3889	0.4360
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9361	0.0639	0.6459	0.2843	0.6017
cdc_diabetes	0.8484	0.1010	0.4247	0.2040	0.3257
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7876	0.2124	0.7697	0.5392	0.7056
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9468	0.0532	0.6031	0.1614	0.5436
CDS49_AID687_Rdkit-ecfp4-fp	0.9955	0.0045	0.4989	-0.0023	0.5249
census	0.9521	0.0479	0.7624	0.4937	0.4396
census10%	0.9535	0.0465	0.7526	0.4725	0.4461
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8935	0.0533	0.8867	0.8404	0.2125
chrom19	0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8044	0.6057	0.4153
chrom21	0.9998	0.0002	0.6147	0.0769	0.1820
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml	0.8689	0.1311	0.6742	0.2844	0.5710
ci900367j_MACCS	0.7368	0.2632	0.7141	0.4254	0.7798
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8009	0.0995	0.5583	0.6874	0.3137
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.4607	0.1927	0.7513
cnae-9	0.9815	0.0041	0.9818	0.9792	0.0209
codon_usage	0.8780	0.0222	0.7046	0.8518	0.2256
coil20	0.9861	0.0014	0.9871	0.9854	0.0100
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.5000	0.0667	0.4541	0.4457	0.2645
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5207	0.4646	0.5419	0.0312	0.7843
comedy_comparisons1%	0.5356	0.4644	0.5341	0.0682	0.9783
comedy_comparisons10%	0.5732	0.4268	0.5719	0.1435	0.9510
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7740	0.2260	0.7741	0.5481	0.7105
coupon	0.6806	0.3194	0.6710	0.3404	0.8477
covid19	0.5390	0.1317	0.2170	0.1656	0.3326
covtype	0.7249	0.0786	0.5392	0.5483	0.3746
covtype10%	0.7203	0.0799	0.5549	0.5387	0.3636
covtypeCD	0.9468	0.0532	0.8815	0.7596	0.3732
covtypeT	0.9421	0.0579	0.7417	0.4674	0.5240
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9994	0.0006	0.9058	0.8043	0.1705
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8949	0.0350	0.7830	0.7806	0.3112
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1875	0.0406	0.1364	0.1663	0.1274
customer-churn	0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity	0.1533	0.2822	0.1564	-0.0189	0.8804
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7037	0.2963	0.6971	0.3941	0.8201
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1026	0.1795	0.1020	0.0027	0.9220
day1%	0.7138	0.2876	0.6906	0.2471	0.4777
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8147	0.1853	0.6859	0.3008	0.5989
defect	0.8827	0.1173	0.7477	0.4323	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9011	0.0989	0.7193	0.4145	0.5771
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7167	0.2833	0.6306	0.2609	0.8304
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9566	0.0434	0.8457	0.6772	0.3560
diabetes-risk	0.8521	0.1479	0.7531	0.4922	0.6210
diabetic	0.5741	0.2839	0.4368	0.1710	0.6071
diabetic1%	0.4902	0.3399	0.4205	0.1377	0.7613
diabetic10%	0.5138	0.3242	0.3856	0.0920	0.7290
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9667	0.0167	0.9601	0.9538	0.0537
diamonds_all	0.6468	0.1413	0.5523	0.4876	0.4615
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9956	0.0044	0.6060	0.2121	0.5404
dna1%	0.9972	0.0028	0.6198	0.1351	0.3043
dna10%	1.0000	0.0044	0.5332	0.0711	0.5402
dorothea	0.9217	0.0783	0.7469	0.4848	0.5665
dota2	0.6004	0.3997	0.5971	0.1926	0.9261
dota210%	0.5689	0.4311	0.5655	0.1301	0.9537
drebin	0.9787	0.0213	0.9772	0.9544	0.1485
dropout	0.7698	0.1535	0.6920	0.6138	0.4604

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.4255	0.1641	0.1858	0.1006	0.5279
drug-02	0.5053	0.1413	0.1888	0.1172	0.5774
drug-03	0.6596	0.0973	0.1302	0.0227	0.3937
drug-04	0.5106	0.1398	0.1942	0.0926	0.6149
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4043	0.1702	0.2249	0.2417	0.5586
drug-07	0.4468	0.1581	0.1335	0.0525	0.3554
drug-08	0.5638	0.1246	0.2054	0.1349	0.4238
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.2456	0.1527	0.3701
drug-11	0.8511	0.0426	0.1317	0.0277	0.1222
drug-12	0.7872	0.0608	0.1258	-0.0056	0.2801
drug-13	0.6330	0.1049	0.2633	0.2770	0.3634
drug-14	0.5851	0.1185	0.2548	0.2424	0.4199
drug-15	0.7447	0.0729	0.1235	0.0355	0.2841
drug-16	0.6064	0.1125	0.2937	0.3379	0.3799
drug-17	0.3564	0.1839	0.1626	0.1042	0.5075
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7553	0.0699	0.1229	-0.0198	0.2767
drybean	0.9265	0.0210	0.9390	0.9112	0.1224
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2797	0.0399	0.8248
eeg	0.3878	0.0765	0.4159	0.3213	0.6429
eeg-eye	0.6028	0.3972	0.5905	0.1693	0.9030
eeg10%	0.3875	0.0766	0.4120	0.3207	0.5803
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6027	0.1589	0.5651	0.4905	0.4362
euthyroid	0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq	0.8954	0.1046	0.8966	0.7910	0.4368
exon.vs.intron-freq10%	0.8900	0.1100	0.8906	0.7800	0.4561
fakenews	0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads	0.9010	0.0990	0.9011	0.8000	0.4162
fbis-wc	0.8577	0.0167	0.8313	0.8382	0.1031
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7843	0.2157	0.7883	0.5523	0.6208
financial-risk	0.8415	0.0528	0.6474	0.7474	0.2378
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.6000	0.1000	0.3291	0.4737	0.2642
fonts	0.4386	0.0073	0.2057	0.4018	0.6444
fonts10%	0.4205	0.0076	0.1644	0.3855	0.6719
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9885	0.0038	0.9883	0.9861	0.0296
gastrointestinal	0.6250	0.2500	0.5906	0.3962	0.5975
gender	0.6000	0.2667	0.3800	0.1424	0.5617
gene	0.9148	0.0568	0.9033	0.8639	0.2413
german	0.7600	0.2400	0.7248	0.4103	0.6710
gestures	0.3348	0.3326	0.3347	0.1130	0.8051
gina	0.8184	0.1816	0.8184	0.6366	0.6282
gisette	0.9743	0.0257	0.9743	0.9486	0.1615
glass	0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.6000	0.2000	0.6021	0.4578	0.3434
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.9652	0.0058	0.8737	0.9589	0.0492
har	0.7355	0.1058	0.7248	0.6646	0.4136
har70	0.7679	0.0663	0.4249	0.6250	0.1740
har701%	0.7677	0.0664	0.4262	0.6252	0.1787
har7010%	0.7677	0.0664	0.4233	0.6246	0.1734
harth	0.6609	0.0565	0.2344	0.5135	0.2480
harth1%	0.6606	0.0566	0.2318	0.5135	0.2452
harth10%	0.6598	0.0567	0.2355	0.5122	0.2483
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.8365	0.1635	0.8365	0.6729	0.5907
hepmass1%	0.8368	0.1632	0.8368	0.6735	0.5901
hepmass10%	0.8358	0.1642	0.8358	0.6716	0.5922
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.6421	0.3579	0.6390	0.2738	0.8810
higgs0.1%	0.6600	0.3400	0.6573	0.3120	0.8652
higgs1%	0.6419	0.3581	0.6388	0.2719	0.8776
higgs10%	0.6421	0.3579	0.6394	0.2741	0.8798
higher	0.1429	0.2143	0.0556	0.0059	0.3477
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9292	0.0708	0.8719	0.7433	0.4465
hiva	0.9527	0.0473	0.4879	-0.0181	0.6050
horse	0.5833	0.2778	0.5593	0.2867	0.6483
hotel-reservartions	0.8233	0.1767	0.7939	0.5843	0.6373
hr	0.8526	0.1474	0.4602	-0.0199	0.5496
ht-sensor	0.5843	0.2771	0.5876	0.3764	0.6473
ht-sensor10%	0.5665	0.2890	0.5698	0.3503	0.6640
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9682	0.0159	0.6479	0.7904	0.1693
hypothyroidT	0.9655	0.0345	0.8668	0.6944	0.1058
ilpd	0.7288	0.2712	0.6138	0.1243	0.6306
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9480	0.0260	0.9485	0.9307	0.1053
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9307	0.0053	0.9322	0.9279	0.0640

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8118	0.1882	0.6119	0.1295	0.5906
jvowels	0.9488	0.0114	0.9452	0.9420	0.0817
kc1	0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.5714	0.0357	0.0351	0.1923	0.1466
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.8130	0.0468	0.7162	0.7819	0.2497
kddcup98	0.9288	0.0712	0.5075	0.0130	0.6550
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9298	0.0702	0.5516	0.0961	0.6499
kddcup99	0.9996	0.0000	0.6192	0.9993	0.0606
kddcup991%	0.9990	0.0001	0.5458	0.9983	0.0089
kddcup9910%	0.9992	0.0001	0.6561	0.9987	0.0405
kepler	0.8734	0.0844	0.8282	0.7915	0.2166
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.2795	0.0801	0.2466	0.1802	0.5752
krvskp	0.9687	0.0313	0.9690	0.9373	0.1810
la1s-wc	0.8762	0.0413	0.8526	0.8453	0.2232
la2s-wc	0.8709	0.0430	0.8500	0.8379	0.2398
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0118	0.4643	0.7547	0.0391
led24	0.6000	0.0800	0.6196	0.5531	0.1924
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7725	0.0175	0.7697	0.7633	0.2299
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.8999	0.8806	0.0506
linkage	1.0000	0.0000	0.9983	0.9966	0.0031
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9180	0.0820	0.9123	0.8240	0.3820
localization	0.3989	0.1093	0.1734	0.1729	0.5188
localization10%	0.3908	0.1108	0.1632	0.1621	0.5256
lrs	0.8868	0.0226	0.4605	0.8418	0.0529
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.8889	0.0247	0.5442	0.8421	0.0489
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5731	0.4269	0.5741	0.1462	0.9445
magic04	0.7817	0.2183	0.7523	0.4971	0.7031
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.9018	0.0982	0.7768	0.5110	0.4530
maternal	0.6040	0.2640	0.6032	0.3908	0.5676
math	0.7750	0.1125	0.7407	0.6542	0.3255
mba	0.8226	0.1183	0.3814	0.1099	0.3810
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2433	0.3027	0.2471	0.0528	0.8336

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.7304	0.2696	0.7342	0.4627	0.7633
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.7290	0.6070	0.2414
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9750	0.0050	0.9755	0.9722	0.0293
mfeat-fou	0.8300	0.0340	0.8316	0.8111	0.1583
mfeat-kar	0.9550	0.0090	0.9555	0.9500	0.0568
mfeat-mor	0.7250	0.0550	0.7326	0.6944	0.1810
mfeat-pix	0.9750	0.0050	0.9764	0.9722	0.0262
mfeat-zer	0.8000	0.0400	0.8012	0.7778	0.1245
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8774	0.0818	0.8811	0.8152	0.2779
mines	0.5000	0.2000	0.4355	0.3738	0.4046
mobile	0.8357	0.0059	0.8440	0.8327	0.0748
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4906	0.0926	0.4968	0.3836	0.5317
musk	0.9379	0.0621	0.8732	0.7235	0.2657
MUT_ci300400a_cdk_ECFP2	0.7926	0.2074	0.7862	0.5722	0.6844
MUT_ci300400a_cdk_ECFP4	0.7796	0.2204	0.7721	0.5437	0.7068
MUT_ci300400a_cdk_ECFP6	0.7569	0.2431	0.7482	0.4956	0.7440
MUT_ci300400a_cdk_ESTATE	0.7254	0.2746	0.7163	0.4324	0.7924
MUT_ci300400a_cdk_EXTENDED	0.7902	0.2098	0.7838	0.5676	0.6888
MUT_ci300400a_cdk_FCFP2	0.7820	0.2180	0.7744	0.5483	0.7023
MUT_ci300400a_cdk_FCFP4	0.7662	0.2338	0.7583	0.5162	0.7298
MUT_ci300400a_cdk_FCFP6	0.7818	0.2182	0.7764	0.5527	0.7031
MUT_ci300400a_cdk_MACCS	0.7626	0.2374	0.7528	0.5012	0.7264
MUT_ci300400a_cdk_PUBCHEM	0.8311	0.1689	0.8251	0.6488	0.6027
MUT_ci300400a_cdk_STANDARD	0.7784	0.2216	0.7724	0.5448	0.7094
MUT_ci300400a_rdkit_descriptors	0.7857	0.2143	0.7799	0.5593	0.6946
myocardial	0.8412	0.0397	0.2811	0.3849	0.6524
naticusdroid	0.9628	0.0372	0.9629	0.9257	0.2123
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0370	0.5556	0.8065	0.0000
ncRNA	0.8759	0.0131	0.2634	0.6129	0.2232
ncRNA1%	0.8758	0.0131	0.2615	0.6092	0.2089
ncRNA10%	0.8782	0.0128	0.2824	0.6216	0.2347
neo	0.9026	0.0974	0.6070	0.1100	0.4718
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.7784	0.0101	0.7820	0.7713	0.1805
newspop	0.6478	0.3522	0.6451	0.2895	0.8824
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9437	0.0563	0.9308	0.8617	0.3235
NPHA-doctor-visits	0.4722	0.3519	0.2645	-0.0696	0.6591
nursery	0.9313	0.0275	0.7116	0.8991	0.1221
obesity	0.8294	0.0487	0.8251	0.8008	0.1986
obs	0.8241	0.0880	0.8618	0.7343	0.2235
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9931	0.0035	0.9767	0.9790	0.0301
oh0-wc	0.8713	0.0257	0.8780	0.8535	0.1153
oh10-wc	0.7524	0.0495	0.7420	0.7179	0.2381
oh15-wc	0.7174	0.0565	0.6944	0.6785	0.2636
oh5-wc	0.8242	0.0352	0.8164	0.8016	0.1703

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.7106	0.0579	0.6939	0.6761	0.3715
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9092	0.0908	0.6567	0.0019	0.2090
opn310k10%	0.9133	0.0867	0.6366	0.0549	0.2693
opnat310k-hg16-17	0.9092	0.0908	0.6251	0.0055	0.2193
optdigits	0.9609	0.0078	0.9623	0.9565	0.0568
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr	0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7732	0.2268	0.7580	0.5127	0.7218
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8654	0.7299	0.5231
p53-mutants	0.9959	0.0041	0.7750	0.5496	0.4813
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9689	0.0124	0.8747	0.8135	0.2472
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.8009	0.1991	0.7951	0.5872	0.6668
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8852	0.1148	0.8535	0.7034	0.4975
particle10%	0.8646	0.1354	0.8260	0.6471	0.5521
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4742	0.5258	0.4632	-0.0735	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia	0.8529	0.0420	0.7841	0.8184	0.1102
pendigits	0.9490	0.0102	0.9487	0.9433	0.0788
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7988	0.2012	0.7836	0.5667	0.6799
personalities	0.9187	0.0102	0.9187	0.9132	0.1296
pet-adoption	0.9200	0.0800	0.9103	0.8088	0.2835
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL	1.0000	0.0000	1.0000	0.9999	0.0005
PhiUSIIL10%	0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc	0.6839	0.0903	0.6522	0.6296	0.3054
phone-acc0.1%	0.6815	0.0910	0.6568	0.6267	0.3011
phone-acc1%	0.6814	0.0910	0.6477	0.6266	0.3023
phone-acc10%	0.6830	0.0906	0.6513	0.6286	0.3058
phone-gyr	0.6711	0.0940	0.6349	0.6143	0.3031
phone-gyr0.1%	0.6712	0.0939	0.6340	0.6143	0.2978
phone-gyr1%	0.6692	0.0945	0.6331	0.6122	0.3037
phone-gyr10%	0.6711	0.0940	0.6349	0.6144	0.3020
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.7066	0.2934	0.7066	0.4131	0.8120
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9895	0.0070	0.9819	0.9670	0.0760
placement	0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1001	0.0666	0.0000	0.1726
poker1%	0.4927	0.1015	0.0927	-0.0072	0.2226
poker10%	0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd	0.9495	0.0505	0.4871	-0.0054	0.3653

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th	0.9306	0.0694	0.6122	0.1119	0.4175
polya	0.7881	0.2119	0.7632	0.5217	0.6952
popularity	0.6618	0.2255	0.4591	0.2041	0.4874
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8434	0.0626	0.8438	0.8042	0.2532
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6338	0.2647	0.8906
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5152	0.0441	0.3170	0.4634	0.1882
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.8507	0.1493	0.8308	0.6616	0.5882
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8339	0.0664	0.7811	0.7755	0.2497
puc-rio10%	0.8401	0.0640	0.7799	0.7839	0.2489
pufs-128	0.5006	0.4994	0.5006	0.0012	0.9996
pufs-1281%	0.5080	0.4920	0.5080	0.0160	0.9953
pufs-12810%	0.4997	0.5003	0.4997	-0.0005	1.0000
pufs-64	0.5019	0.4981	0.5019	0.0038	0.9980
pufs-641%	0.5000	0.5000	0.5000	0.0000	1.0000
pufs-6410%	0.5020	0.4980	0.5020	0.0040	0.9988
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
rcv1	0.2419	0.0443	0.0176	-0.0102	0.2760
rcv11%	0.8222	0.0067	0.4318	0.8021	0.1462
rcv110%	0.8725	0.0048	0.6208	0.8582	0.1978
re0-wc	0.7800	0.0338	0.7818	0.7186	0.2882
re1-wc	0.7952	0.0164	0.6502	0.7665	0.1862
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8795	0.0037	0.4425	0.8361	0.2893
rice	0.9863	0.0137	0.9862	0.9722	0.0934
rnaseq	0.9875	0.0050	0.9900	0.9835	0.0307
rocket	0.6081	0.3919	0.5793	0.1540	0.9234
RT_IOT2022	0.9908	0.0015	0.9461	0.9770	0.0152
satimage	0.8538	0.0487	0.8190	0.8189	0.2005
satimageF	0.9844	0.0156	0.9595	0.9188	0.1877
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8846	0.1154	0.5970	0.1894	0.6462
secondary_mushroom	0.8720	0.1280	0.8708	0.7414	0.5104
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9567	0.0124	0.9611	0.9494	0.0572
segmentation	0.8168	0.1832	0.7977	0.5945	0.6489
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8714	0.1286	0.6326	0.1598	0.5121
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8526	0.1474	0.5721	0.1148	0.6944
sens-4-gram	0.8342	0.1658	0.5868	0.1688	0.7528
sens-5-gram	0.8447	0.1553	0.5848	0.1559	0.7338
sens-6-gram	0.8684	0.1316	0.6184	0.1710	0.5974

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8553	0.1447	0.5773	0.1204	0.6805
sens-8-gram	0.8526	0.1474	0.5892	0.1542	0.7056
sens-9-gram	0.8737	0.1263	0.6401	0.2042	0.5646
sensorless	0.9046	0.0173	0.9045	0.8951	0.1024
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8856	0.1144	0.7440	0.4269	0.4764
shuttle	0.9659	0.0098	0.7598	0.9019	0.1163
sick	0.9602	0.0398	0.8172	0.6142	0.3752
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9187	0.0813	0.8777	0.7553	0.4669
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.1600	0.4200	0.1587	-0.1194	0.8649
smk_can_187	0.8421	0.1579	0.8427	0.6816	0.5635
smoking	0.7481	0.2519	0.7339	0.4669	0.7621
soil_pollution	0.1967	0.3213	0.1993	-0.0058	0.8660
solar-flare	0.7554	0.0815	0.6528	0.6854	0.2183
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	1.0000	0.0000	1.0000	1.0000	0.0000
spam-detection	0.9430	0.0570	0.8110	0.6114	0.4556
spambase	0.9109	0.0891	0.9065	0.8106	0.3857
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer	0.5283	0.0197	0.1825	0.5002	0.1139
splice-EI	0.9558	0.0442	0.9434	0.8858	0.3029
splice-IE	0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles	0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7540	0.1640	0.7028	0.6006	0.4705
steel-b	0.8256	0.1744	0.7006	0.3742	0.6660
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9744	0.0256	0.9611	0.9221	0.2232
steel-o	0.7590	0.2410	0.7225	0.4065	0.6756
steel-p	0.9282	0.0718	0.7214	0.4253	0.5579
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957
stellar	0.9588	0.0275	0.9528	0.9266	0.1416
stock	0.9167	0.0833	0.8521	0.7004	0.4623
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.8000	0.2000	0.7975	0.5949	0.6667
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6400	0.1440	0.3571	0.4053	0.4069
student-depression	0.8351	0.1649	0.8290	0.6571	0.5962
student-habits	0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend	0.3385	0.2646	0.2663	0.0978	0.6958
student-workday	0.6562	0.1375	0.2004	0.1222	0.5881
studentap	0.3077	0.4615	0.3111	-0.0636	0.7870
susy	0.7880	0.2120	0.7880	0.5664	0.6591
susy1%	0.7942	0.2058	0.7939	0.5797	0.6517
susy10%	0.7894	0.2106	0.7892	0.5697	0.6595
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.9020	0.0980	0.8726	0.7449	0.4736
texture	0.9964	0.0007	0.9964	0.9960	0.0058

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9319	0.0681	0.6991	0.2924	0.4421
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8998	0.1002	0.8669	0.7337	0.5005
tis10%	0.8209	0.1791	0.7453	0.4861	0.6841
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.8049	0.0434	0.7222	0.7576	0.1816
trec12-wc	0.8710	0.0323	0.9002	0.8420	0.0941
trec21-wc	0.9394	0.0202	0.6423	0.8738	0.1141
trec23-wc	0.8095	0.0635	0.8292	0.7462	0.2264
trec31-wc	0.9355	0.0184	0.8058	0.9140	0.0666
trec41-wc	0.9091	0.0182	0.7953	0.8869	0.0763
trec45-wc	0.8116	0.0377	0.7454	0.7787	0.1650
tuandromd	0.9798	0.0202	0.9686	0.9371	0.1727
turkish	0.8750	0.0625	0.8875	0.8333	0.1586
tvnews	0.8894	0.1106	0.8800	0.7596	0.4740
tvnews1%	0.9154	0.0846	0.9088	0.8176	0.3974
tvnews10%	0.8959	0.1041	0.8870	0.7727	0.4467
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8475	0.7910	0.1434
urinalysis	0.9510	0.0490	0.7039	0.3436	0.4349
url-rep1%	0.7354	0.2652	0.7001	0.2588	0.4813
ustilago	0.9919	0.0081	0.7434	0.4560	0.3914
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9844	0.0156	0.6317	0.2633	0.5621
vehicle	0.7500	0.1250	0.7237	0.6653	0.2107
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.6162	0.0698	0.6380	0.5778	0.1847
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17	0.9222	0.0778	0.7090	0.3666	0.4989
wap-wc	0.8077	0.0192	0.6987	0.7849	0.1257
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.6301	0.1057	0.6151	0.5664	0.4084
watch-acc1%	0.6419	0.1023	0.6276	0.5801	0.3943
watch-acc10%	0.6292	0.1059	0.6138	0.5652	0.4073
watch-gyr	0.6368	0.1038	0.6226	0.5749	0.3710
watch-gyr1%	0.6301	0.1057	0.6140	0.5671	0.3766
watch-gyr10%	0.6324	0.1050	0.6181	0.5697	0.3729
water_pollution	0.2067	0.3967	0.2080	-0.0578	0.8893
waveform	0.8360	0.1093	0.8362	0.7540	0.3756
weather-related	0.9712	0.0052	0.9726	0.9673	0.0472
web-phishing	0.8148	0.1235	0.6614	0.6596	0.4652
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.8122	0.0751	0.8057	0.7621	0.3205
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9545	0.0455	0.6776	0.2518	0.3790
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5849	0.1384	0.2710	0.3189	0.3978
winequality-white	0.5317	0.1338	0.2565	0.2465	0.4592
winnipeg	0.9905	0.0027	0.9863	0.9879	0.0295
winnipeg10%	0.9862	0.0039	0.9831	0.9825	0.0260
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.5000	0.1000	0.3577	0.3533	0.3456
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9333	0.0133	0.9287	0.9253	0.1053

Table 349: Detailed results for LS-SVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2134	0.0542	0.1293	0.1412	0.5225
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.7000	0.3000	0.7000	0.4000	0.8211
ads	0.9421	0.0579	0.8723	0.7384	0.3750
adult	0.8557	0.1443	0.7868	0.5640	0.5928
advanced-iot	0.5923	0.1359	0.6029	0.5108	0.2440
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8889	0.1111	0.7333	0.3010	0.2451
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6000	0.4000	0.3750	-0.1765	0.9528
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.9014	0.0986	0.8606	0.7040	0.3906
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.9186	0.0814	0.9171	0.8338	0.3748
alcohol	0.7048	0.1181	0.3766	0.3057	0.3096
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8290	0.6549	0.5760
anneal	0.0899	0.3640	0.0364	-0.0737	0.2291
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.7900	0.1050	0.5231	0.6147	0.1787
anuran-genus	0.7566	0.0608	0.4535	0.5981	0.2114
anuran-species	0.4708	0.1058	0.4394	0.3589	0.2541
anxiety	0.1333	0.1926	0.0424	0.0131	0.4568
apple-quality	0.9025	0.0975	0.9025	0.8050	0.4249
aps-failure	0.9883	0.0117	0.8044	0.5767	0.2964
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6000	0.4000	0.6561	0.2593	0.7573

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.3556	0.0991	0.1915	0.1894	0.4484
auction	0.9608	0.0392	0.9118	0.8237	0.3574
audiology	0.1739	0.0688	0.0754	0.1329	0.1984
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9571	0.0429	0.9452	0.8898	0.2512
autism-child	0.8276	0.1724	0.8286	0.6556	0.6047
autos	0.5500	0.1500	0.3631	0.4249	0.2984
avila	0.4284	0.0953	0.2615	0.2760	0.4690
babies	0.4516	0.1567	0.1506	0.1357	0.4090
balance	0.3871	0.4086	0.4955	0.1865	0.4485
bank	0.9065	0.0935	0.7208	0.4069	0.5441
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9171	0.0829	0.9098	0.8153	0.3541
basehock	0.6533	0.3467	0.6559	0.3071	0.8644
bio	0.9949	0.0051	0.8332	0.6000	0.0220
bio10%	0.9925	0.0076	0.7307	0.2649	0.0305
biodeg	0.8762	0.1238	0.8713	0.7412	0.5090
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin	0.0057	0.0686	0.0004	0.0000	0.0741
bitcoin1%	0.1108	0.0613	0.0070	0.0017	0.0139
bitcoin10%	0.1489	0.0587	0.0091	0.0025	0.0520
body-perf	0.3134	0.3433	0.3525	0.0846	0.5282
brain-tumor	0.5055	0.4945	0.5053	0.0104	0.9912
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.6364	0.3636	0.6333	0.2667	0.8952
breast-tissue	0.3636	0.2121	0.3310	0.2596	0.2792
bridges	0.5000	0.1429	0.1020	0.0741	0.2523
bub10at310k-hg16-17	0.9107	0.0893	0.6580	0.0336	0.2169
bub12at310k-hg16-17	0.9103	0.0897	0.6483	0.0278	0.2255
bub8at310k-hg16-17	0.9100	0.0900	0.6242	0.0284	0.2553
cad	0.8667	0.1333	0.8413	0.6825	0.5614
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.8390	0.1610	0.8103	0.6200	0.6179
card	0.8406	0.1594	0.8400	0.6774	0.5801
cardiotocography	0.3756	0.1249	0.3376	0.2763	0.4694
cardiotocography-nsp	0.4883	0.3412	0.5913	0.1415	0.3236
cardiovascular	0.7364	0.2636	0.7369	0.4727	0.7678
cargo2k	0.6523	0.2318	0.6821	0.4821	0.3464
cars	0.6500	0.2333	0.4488	0.3694	0.4243
cas_N6512_cdk_ECFP2	0.7081	0.2919	0.7054	0.4101	0.8108
cas_N6512_rdkit_ATOMPAIR	0.6754	0.3246	0.6728	0.3455	0.8527
cas_N6512_RDkit_AtomPair_FP	0.7454	0.2546	0.7432	0.4856	0.7569
cas_N6512_rdkit_AVALON	0.7296	0.2704	0.7276	0.4552	0.7818
cas_N6512_RDkit_Avalon_FP	0.7347	0.2653	0.7334	0.4668	0.7740
cas_N6512_rdkit_descriptors	0.7862	0.2138	0.7855	0.5707	0.6903
cas_N6512_rdkit_FEATMORGAN	0.7158	0.2842	0.7155	0.4305	0.7987
cas_N6512_RDkit_Featmorgan_FP	0.7270	0.2730	0.7255	0.4510	0.7854
cas_N6512_RDkit_FP	0.7393	0.2607	0.7373	0.4744	0.7675
cas_N6512_rdkit_LAYERED	0.7508	0.2492	0.7504	0.5002	0.7482
cas_N6512_RDkit_Layered_FP	0.7270	0.2730	0.7246	0.4487	0.7848
cas_N6512_rdkit_MACCS	0.7773	0.2227	0.7754	0.5501	0.7052
cas_N6512_RDkit_MACCS_FP	0.7684	0.2316	0.7676	0.5351	0.7208

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.6969	0.3031	0.6938	0.3833	0.8179
cas_N6512_RDkit_morgan_FP	0.6840	0.3160	0.6811	0.3616	0.8418
cas_N6512_rdkit_PATTERN	0.7554	0.2446	0.7543	0.5084	0.7424
cas_N6512_RDkit_pattern_FP	0.7362	0.2638	0.7363	0.4718	0.7688
cas_N6512_rdkit_RDKITFP	0.7343	0.2657	0.7334	0.4666	0.7741
cas_N6512_rdkit_TORSION	0.6831	0.3169	0.6812	0.3624	0.8432
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7358	0.2642	0.7043	0.4071	0.7904
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5532	0.2040
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
census	0.9417	0.0583	0.6814	0.1838	0.2676
census10%	0.9469	0.0531	0.6979	0.2124	0.2299
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S	0.9302	0.0698	0.7711	0.5343	0.5353
children-anemia	0.2504	0.3748	0.2623	-0.0620	0.5246
chrom19	0.9996	0.0004	0.8726	0.7355	0.2381
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9993	0.0007	0.8240	0.6467	0.4092
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8390	0.1610	0.7146	0.3841	0.6011
churn-bigml	0.9363	0.0637	0.8686	0.7364	0.4396
ci900367j_MACCS	0.7158	0.2842	0.7034	0.4058	0.8046
circles	0.1780	0.0164	0.1773	0.1697	0.3184
cirrhosis	0.5714	0.2857	0.4511	0.2588	0.3240
cjs	0.5107	0.1631	0.5309	0.4052	0.2841
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.3407	0.3296	0.3259	0.0239	0.4322
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.4167	0.3889	0.4353	0.1600	0.4832
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4218	0.3855	0.3249	0.1298	0.5869
cnae-9	0.4907	0.1132	0.5094	0.4271	0.4040
codon_usage	0.4282	0.1040	0.3690	0.3538	0.4122
coil20	0.4306	0.0569	0.4529	0.4007	0.2627
college	0.8831	0.1169	0.8550	0.7097	0.5337
collins	0.5200	0.0640	0.4564	0.4755	0.0966
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6897	0.3103	0.6650	0.3290	0.8399
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.8966	0.1034	0.8993	0.7786	0.2939
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.4839	0.3441	0.5214	0.1802	0.5892
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%	0.5199	0.4801	0.5148	0.0083	0.6963
connect-4	0.2192	0.5205	0.3683	0.0090	0.0464

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cottonmeloidogyne	0.7404	0.2596	0.7423	0.4813	0.7556
coupon	0.7137	0.2863	0.7058	0.4103	0.8056
covtype	0.4903	0.1456	0.3363	0.2173	0.4268
covtype10%	0.4907	0.1455	0.3225	0.2150	0.4132
covtypeCD	0.9747	0.0253	0.9449	0.8887	0.2085
covtypeT	0.9745	0.0255	0.8955	0.7857	0.2815
crabs	0.6500	0.1750	0.6746	0.5333	0.2620
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.4876	0.1708	0.2836	0.1960	0.2399
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.0312	0.0484	0.0250	0.0060	0.1834
customer-churn	0.9808	0.0192	0.6716	0.1953	0.2533
cybersecurity	0.1533	0.2822	0.0443	0.0000	0.4044
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.6296	0.3704	0.6114	0.2163	0.8964
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dating	0.1022	0.1796	0.0185	0.0000	0.4069
day1%	0.6486	0.3514	0.6000	0.0270	0.5184
dbworld	0.7143	0.2857	0.7083	0.4167	0.8058
default	0.8233	0.1767	0.7065	0.3706	0.6300
defect	0.8951	0.1049	0.7797	0.5212	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9013	0.0987	0.7112	0.3790	0.5410
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.5405	0.1532	0.4110	0.4143	0.2572
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614
dexter	0.5833	0.4167	0.5874	0.1667	0.9171
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.8333	0.1667	0.7575	0.4872	0.5975
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9538	0.0462	0.8326	0.6172	0.2247
diabetes-risk	0.8939	0.1061	0.8281	0.6473	0.4985
diabetic	0.5397	0.3068	0.3402	0.0019	0.3467
diabetic1%	0.5392	0.3072	0.2350	0.0039	0.3515
diabetic10%	0.5314	0.3124	0.3044	-0.0064	0.4358
diagnosis	0.8333	0.1667	0.8421	0.6364	0.3750
diamonds	0.6667	0.1667	0.6918	0.5519	0.2505
diamonds_all	0.5656	0.1737	0.5009	0.3854	0.4087
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5921	0.4079	0.5882	0.1701	0.9212
dota210%	0.5398	0.4602	0.5318	0.0596	0.9567
drebin	0.9634	0.0366	0.9606	0.9211	0.2127
dropout	0.6117	0.2588	0.4544	0.3455	0.4839
drug-01	0.2606	0.2112	0.1174	-0.0182	0.4782
drug-02	0.3777	0.1778	0.1191	0.0537	0.5255
drug-03	0.6702	0.0942	0.1440	0.1050	0.3079
drug-04	0.4309	0.1626	0.1350	0.1071	0.4841
drug-05	0.7287	0.0775	0.1204	-0.0081	0.2227
drug-06	0.0957	0.2584	0.1477	-0.0198	0.6149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-07	0.3617	0.1824	0.1260	-0.0128	0.3347
drug-08	0.4043	0.1702	0.1731	0.1382	0.4450
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.3191	0.1945	0.1376	0.0929	0.4874
drug-11	0.7819	0.0623	0.1411	0.1224	0.2517
drug-12	0.7819	0.0623	0.1532	0.0982	0.2659
drug-13	0.4255	0.1641	0.2096	0.1965	0.4636
drug-14	0.4468	0.1581	0.1377	0.1241	0.4748
drug-15	0.6277	0.1064	0.1722	0.2133	0.4077
drug-16	0.5053	0.1413	0.2539	0.2561	0.3948
drug-17	0.2926	0.2021	0.1176	0.0527	0.4317
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6436	0.1018	0.1257	0.0089	0.2949
drybean	0.5114	0.1396	0.5261	0.4257	0.3686
ecoli	0.6765	0.0809	0.2737	0.5360	0.2253
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.0984	-0.0135	0.4847
eeg	0.1684	0.1039	0.1645	0.0970	0.6978
eeg-eye	0.9012	0.0988	0.9004	0.7990	0.4185
eeg10%	0.1404	0.1074	0.1147	0.0682	0.6812
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2466	0.3014	0.2717	0.0606	0.5411
euthyroid	0.9525	0.0475	0.8573	0.7110	0.4096
exon.vs.intron-freq	0.9272	0.0728	0.9303	0.8530	0.2820
exon.vs.intron-freq10%	0.9301	0.0699	0.9327	0.8589	0.2790
fakenews	0.5400	0.4600	0.5402	0.0775	0.9617
farm-ads	0.7633	0.2367	0.7621	0.5206	0.7203
fbis-wc	0.1585	0.0990	0.1331	0.0837	0.5798
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8235	0.1765	0.8214	0.6422	0.6184
financial-risk	0.4430	0.1857	0.2598	0.1564	0.3825
fishcatch	0.5000	0.1667	0.4174	0.4074	0.2204
flags	0.3000	0.1750	0.0577	0.0000	0.3283
fonts	0.0073	0.0130	0.0095	0.0019	0.8473
fonts10%	0.0085	0.0130	0.0092	0.0029	0.8035
forest	0.5385	0.2308	0.5802	0.3593	0.3850
gas	0.4917	0.1694	0.4996	0.3894	0.3822
gastrointestinal	0.5000	0.3333	0.3130	0.0857	0.5381
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.4921	0.3386	0.6047	0.2982	0.4039
german	0.7200	0.2800	0.6712	0.3017	0.7423
gestures	0.3570	0.3215	0.4267	0.1437	0.5509
gina	0.8329	0.1671	0.8339	0.6649	0.5881
gisette	0.8943	0.1057	0.8943	0.7886	0.4482
glass	0.5238	0.1587	0.2949	0.3248	0.3159
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware	0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	1.0000	0.0000	0.7500	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4000	0.3000	0.3381	0.1718	0.3587
gsalc	0.4444	0.1852	0.3526	0.3284	0.1947
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.4785	0.0869	0.3707	0.3869	0.2649
har	0.5423	0.1831	0.5295	0.4180	0.3711
har70	0.3389	0.1889	0.2418	0.1678	0.4765
har701%	0.3531	0.1848	0.2537	0.1929	0.4738
har7010%	0.3442	0.1874	0.2466	0.1779	0.4760
harth	0.3338	0.1110	0.2117	0.1974	0.4104
harth1%	0.3349	0.1108	0.2053	0.1966	0.4042
harth10%	0.3381	0.1103	0.2154	0.2021	0.4127
hayes-roth	0.3750	0.4167	0.2105	-0.0811	0.4943
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9620	0.0380	0.9556	0.9110	0.2253
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.8417	0.1583	0.8417	0.6834	0.5792
hepmass10%	0.8405	0.1595	0.8405	0.6809	0.5819
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%	0.6936	0.3064	0.6917	0.3798	0.8229
higgs1%	0.6702	0.3298	0.6678	0.3309	0.8491
higgs10%	0.6810	0.3190	0.6791	0.3540	0.8372
higher	0.0714	0.2321	0.0500	-0.0898	0.4366
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9056	0.0944	0.8163	0.5959	0.3913
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2971	0.0614	0.4913
hotel-reservartions	0.8407	0.1593	0.8140	0.6227	0.5912
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.5385	0.3077	0.5909	0.2945	0.4183
ht-sensor10%	0.5411	0.3059	0.5927	0.2990	0.4183
htru2	0.9816	0.0184	0.9425	0.8818	0.1560
hypothyroid	0.9151	0.0424	0.4002	0.3516	0.1778
hypothyroidT	0.9576	0.0424	0.8321	0.6000	0.1231
ilpd	0.6949	0.3051	0.5145	0.0148	0.7591
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.5800	0.2100	0.6022	0.4400	0.3006
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	0.6667	0.2222	0.7015	0.5000	0.2642
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.1297	0.0669	0.1374	0.0948	0.6290
jm1	0.8145	0.1855	0.6270	0.1826	0.6361
jvowels	0.4116	0.1307	0.4353	0.3343	0.4215
kc1	0.8863	0.1137	0.7503	0.4277	0.4363
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.2857	0.0595	0.0208	-0.0606	0.2379
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8269	0.1731	0.7165	0.4236	0.6904
kdc-4007	0.1347	0.2163	0.1197	-0.0089	0.5610

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.2073	0.0689	0.0712	0.0334	0.1764
kddcup991%	0.2518	0.0651	0.0728	0.0596	0.2515
kddcup9910%	0.9295	0.0061	0.1331	0.8817	0.0897
kepler	0.5031	0.3312	0.5477	0.2153	0.5373
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9500	0.0500	0.9467	0.8933	0.2764
krkopt	0.1886	0.0902	0.1834	0.1199	0.7202
krvskp	0.9687	0.0313	0.9688	0.9372	0.1857
la1s-wc	0.2508	0.2497	0.2861	0.1012	0.5508
la2s-wc	0.2086	0.2638	0.2478	0.0536	0.5848
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.1471	0.0426	0.0820	0.1196	0.1759
led24	0.2500	0.1500	0.2285	0.1477	0.3613
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.1525	0.0652	0.1682	0.1183	0.6564
leukemia	0.4286	0.3810	0.3793	0.2000	0.3432
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.3889	0.0815	0.4033	0.3455	0.2424
linkage	1.0000	0.0000	0.9978	0.9957	0.0055
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	0.9976	0.9952	0.0003
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9578	0.0422	0.9551	0.9094	0.2245
localization	0.2526	0.1359	0.1850	0.1487	0.5945
localization10%	0.2561	0.1353	0.1933	0.1486	0.6048
lrs	0.5472	0.0906	0.2874	0.4136	0.1996
lung	0.6667	0.1333	0.1867	0.2899	0.1466
lung_discrete	0.3750	0.1786	0.2357	0.2157	0.2167
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.9000	0.0400	0.6933	0.7790	0.0669
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.6429	0.1786	0.4468	0.2308	0.1771
lymphoma2	0.3333	0.1481	0.0952	0.1429	0.2500
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.5962	0.4038	0.5962	0.1923	0.9320
magic04	0.8674	0.1326	0.8521	0.6969	0.5025
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8327	0.6654	0.5984
marketing	0.8705	0.1295	0.6866	0.3236	0.5870
maternal	0.5842	0.2772	0.6575	0.3549	0.4334
math	0.5000	0.2500	0.2882	0.1935	0.4148
mba	0.3290	0.4473	0.3994	0.0775	0.2113
mental-disorders	0.6667	0.1667	0.7238	0.5556	0.3079
mental-health	0.2133	0.3147	0.1245	0.0086	0.5270
messidor	0.6957	0.3043	0.6911	0.3822	0.8288
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	0.7778	0.1481	0.8497	0.6667	0.1944
meter-C	0.5556	0.2222	0.5743	0.4000	0.2567
meter-D	0.0556	0.4722	0.0357	-0.1547	0.4362
mfeat-fac	0.4500	0.1100	0.4551	0.3889	0.3501
mfeat-fou	0.3350	0.1330	0.3378	0.2611	0.4845
mfeat-kar	0.3850	0.1230	0.4165	0.3167	0.4685

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-mor	0.3800	0.1240	0.3980	0.3111	0.4062
mfeat-pix	0.3950	0.1210	0.4197	0.3278	0.4388
mfeat-zer	0.3550	0.1290	0.3523	0.2833	0.4539
mice-prot	0.2500	0.1875	0.1001	0.1426	0.2735
milk	0.4340	0.3774	0.5311	0.1651	0.5061
mines	0.2941	0.2824	0.1762	0.0993	0.5454
mobile	0.0315	0.0346	0.0357	0.0139	0.4415
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.6557	0.3443	0.5437	0.0288	0.6628
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.1439	0.1557	0.2396	0.0551	0.5491
musk	0.9455	0.0545	0.8896	0.7628	0.2484
MUT_ci300400a_cdk_ECFP2	0.7638	0.2362	0.7550	0.5089	0.7321
MUT_ci300400a_cdk_ECFP4	0.6982	0.3018	0.6847	0.3667	0.8262
MUT_ci300400a_cdk_ECFP6	0.6635	0.3365	0.6443	0.2765	0.8510
MUT_ci300400a_cdk_ESTATE	0.7470	0.2530	0.7386	0.4770	0.7605
MUT_ci300400a_cdk_EXTENDED	0.7974	0.2026	0.7910	0.5818	0.6754
MUT_ci300400a_cdk_FCFP2	0.7641	0.2359	0.7559	0.5113	0.7332
MUT_ci300400a_cdk_FCFP4	0.7350	0.2650	0.7236	0.4431	0.7717
MUT_ci300400a_cdk_FCFP6	0.6751	0.3249	0.6623	0.3238	0.8571
MUT_ci300400a_cdk_MACCS	0.7794	0.2206	0.7707	0.5377	0.6989
MUT_ci300400a_cdk_PUBCHEM	0.8012	0.1988	0.7937	0.5853	0.6623
MUT_ci300400a_cdk_STANDARD	0.7701	0.2299	0.7614	0.5215	0.7214
MUT_ci300400a_rdkit_descriptors	0.8195	0.1805	0.8147	0.6288	0.6294
myocardial	0.6118	0.0971	0.1004	0.0793	0.1965
naticusdroid	0.9506	0.0494	0.9507	0.9011	0.2605
NCI60	0.5000	0.1667	0.4545	0.4000	0.1855
nci9	0.3333	0.1481	0.1905	0.2500	0.1488
ncRNA	0.7109	0.0304	0.1580	0.3869	0.7350
ncRNA1%	0.7052	0.0310	0.1659	0.3728	0.6863
ncRNA10%	0.7005	0.0315	0.1531	0.3680	0.7314
neo	0.9087	0.0913	0.6548	0.1924	0.4379
new-thyroid	0.8095	0.1270	0.4947	0.5484	0.1437
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.0294	0.0441	0.0395	0.0086	0.6394
newspop	0.6582	0.3418	0.6556	0.3103	0.8710
NHANES_age_prediction	0.9692	0.0308	0.9405	0.8776	0.1837
nomao	0.9460	0.0540	0.9334	0.8667	0.3083
NPHA-doctor-visits	0.3056	0.4630	0.2773	-0.0132	0.5016
nursery	0.6281	0.1488	0.5240	0.4763	0.1930
obesity	0.4455	0.1584	0.4447	0.3525	0.3579
obs	0.7593	0.1204	0.6940	0.6449	0.1889
occupancy	0.9903	0.0097	0.9867	0.9730	0.1155
Occupancy_Estimation	0.5104	0.2448	0.5586	0.2298	0.1957
oh0-wc	0.1386	0.1723	0.0975	0.0163	0.5466
oh10-wc	0.1905	0.1619	0.1259	0.0746	0.6030
oh15-wc	0.0761	0.1848	0.0562	-0.0484	0.6396
oh5-wc	0.1319	0.1736	0.0994	0.0223	0.6208
ohscal-wc	0.1371	0.1726	0.1043	0.0376	0.6218
olive	0.5263	0.1053	0.4966	0.4329	0.2348
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.3612	0.1278	0.3950	0.2909	0.4769
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.1750	0.0413	0.1338	0.1538	0.1564

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
orlraws10P	0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8041	0.1959	0.7803	0.5605	0.6809
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8806	0.7612	0.4854
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9177	0.0329	0.4923	0.4711	0.2534
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.7820	0.2180	0.7664	0.5324	0.7101
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.9097	0.0903	0.8864	0.7720	0.4367
particle10%	0.8992	0.1008	0.8729	0.7447	0.4689
pasture	0.0000	0.6667	0.0000	-0.3333	0.5625
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8795	0.7586	0.4760
pediatric-leukemia	0.2647	0.2101	0.1932	0.1388	0.4570
pendigits	0.4850	0.1030	0.4968	0.4269	0.3213
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7959	0.2041	0.7780	0.5513	0.6745
personalities	0.1132	0.1109	0.1392	0.0541	0.7065
pet-adoption	0.8600	0.1400	0.8406	0.6809	0.5639
phishing	0.9673	0.0327	0.9658	0.9310	0.1820
PhiUSIIL	0.9978	0.0022	0.9977	0.9954	0.0202
PhiUSIIL10%	0.9992	0.0008	0.9991	0.9983	0.0099
phone-acc0.1%	0.3499	0.1857	0.3710	0.2351	0.5110
phone-acc1%	0.3411	0.1883	0.3645	0.2252	0.5129
phone-acc10%	0.3274	0.1922	0.3546	0.2085	0.5177
phone-gyr0.1%	0.3561	0.1840	0.3691	0.2431	0.4820
phone-gyr1%	0.3219	0.1937	0.3462	0.2037	0.4872
phone-gyr10%	0.3426	0.1878	0.3630	0.2268	0.4724
phoneme	0.8704	0.1296	0.8398	0.6795	0.5590
phy	0.7002	0.2998	0.7002	0.4003	0.8208
pima	0.7105	0.2895	0.6874	0.3489	0.7670
pirvision	0.8694	0.0871	0.6252	0.4746	0.1409
placement	0.7900	0.2100	0.7832	0.5658	0.6874
plant-growth	0.6316	0.3684	0.6292	0.2570	0.8973
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.5150	0.0970	0.1054	0.0358	0.1914
poker1%	0.5288	0.0942	0.1127	0.0664	0.1967
poker10%	0.5154	0.0969	0.1060	0.0367	0.1912
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9340	0.0660	0.6503	0.1552	0.3548
polya	0.7957	0.2043	0.7714	0.5365	0.6764
popularity	0.3733	0.4178	0.3618	0.0475	0.3591
post-operative	0.3333	0.4444	0.1667	0.0000	0.2500
postures	0.4859	0.2056	0.5208	0.3571	0.3977
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6195	0.2353	0.9023
prestige	0.4444	0.3704	0.4839	0.2623	0.3247
primary-tumor	0.0909	0.0826	0.0667	0.0544	0.3075
profb	0.7463	0.2537	0.7001	0.3034	0.5811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.6794	0.1282	0.6162	0.5839	0.2665
puc-rio10%	0.6693	0.1323	0.6162	0.5728	0.2509
pufs-128	0.5007	0.4993	0.5007	0.0014	0.9946
pufs-1281%	0.4978	0.5022	0.4978	-0.0043	1.0000
pufs-12810%	0.5010	0.4990	0.5009	0.0019	0.9989
pufs-64	0.5032	0.4968	0.5032	0.0062	0.9862
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9990
pufs-6410%	0.4982	0.5018	0.4982	-0.0037	0.9981
pulsar	0.9824	0.0176	0.9459	0.8895	0.1608
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%	0.0222	0.0369	0.0008	-0.0002	0.3211
rcv110%	0.0429	0.0361	0.0250	0.0144	0.6314
re0-wc	0.1333	0.1333	0.1403	0.0597	0.4868
re1-wc	0.0843	0.0733	0.0714	0.0207	0.5937
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9014	0.0986	0.9007	0.8014	0.4297
reuters21578	0.0349	0.0297	0.0010	-0.0000	0.2350
rice	0.9890	0.0110	0.9889	0.9778	0.0797
rnaseq	0.5750	0.1700	0.6423	0.4561	0.2521
rocket	0.6531	0.3469	0.6294	0.2516	0.8749
RT_IOT2022	0.1847	0.1359	0.2860	0.1208	0.1473
satimage	0.5381	0.1540	0.5430	0.4467	0.3410
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9409	0.0591	0.8160	0.6046	0.3784
scadi	0.5714	0.1224	0.3556	0.4474	0.1793
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.7059	0.2941	0.7119	0.4118	0.7818
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.9764	0.0236	0.9761	0.9522	0.1507
seeds	0.6667	0.2222	0.6886	0.5000	0.3174
segment	0.4805	0.1484	0.4966	0.3920	0.3121
segmentation	0.8762	0.1238	0.8636	0.7260	0.5077
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8609	0.1391	0.4626	-0.0102	0.4516
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram	0.8763	0.1237	0.6559	0.1245	0.3621
sens-7-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sens-8-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.3280	0.1222	0.3554	0.2608	0.5051
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8905	0.1095	0.7618	0.4992	0.5411
shuttle	0.8703	0.0370	0.3765	0.6524	0.3882
sick	0.9655	0.0345	0.8427	0.6500	0.2345
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9953	0.0047	0.9930	0.9860	0.0720
skin10%	0.9951	0.0049	0.9927	0.9852	0.0748
smarket	0.9280	0.0720	0.9292	0.8556	0.3239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.7368	0.2632	0.7360	0.4693	0.7643
smoking	0.7603	0.2397	0.7456	0.4907	0.7454
soil_pollution	0.2067	0.3173	0.1154	0.0019	0.5307
solar-flare	0.5683	0.1439	0.4136	0.4382	0.2807
sonar	0.8000	0.2000	0.8062	0.6000	0.6236
soybean	0.1176	0.0929	0.1833	0.0542	0.3063
spam-detection	0.9120	0.0880	0.6422	0.1491	0.4056
spambase	0.9109	0.0891	0.9064	0.8113	0.3941
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.9429	0.0571	0.9300	0.8600	0.3290
spectrometer	0.0566	0.0393	0.0159	0.0174	0.2828
splice-EI	0.9495	0.0505	0.9372	0.8716	0.3306
splice-IE	0.8833	0.1167	0.8377	0.6754	0.5515
sport-articles	0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored	0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored	0.4000	0.4000	0.2778	-0.1538	0.4966
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.6884	0.2078	0.6051	0.4584	0.3026
steel-b	0.8564	0.1436	0.7669	0.5251	0.6179
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8154	0.1846	0.7924	0.5821	0.6493
steel-p	0.9385	0.0615	0.7637	0.5074	0.4915
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957
stellar	0.6872	0.2085	0.5856	0.4042	0.3220
stock	0.8819	0.1181	0.7767	0.5222	0.5108
stockb	0.6256	0.2496	0.6635	0.4387	0.3470
streaming	0.9660	0.0340	0.9656	0.9312	0.1986
stress	0.5556	0.1778	0.5806	0.4453	0.2700
student-lifestyle	0.4250	0.2300	0.2436	0.1349	0.4239
student-depression	0.8323	0.1677	0.8259	0.6493	0.5972
student-habits	0.3500	0.2600	0.1393	0.0058	0.4354
student-weekend	0.2462	0.3015	0.1770	0.0013	0.5890
student-workday	0.7344	0.1062	0.2614	0.2481	0.2871
studentap	0.4615	0.3590	0.3544	0.1250	0.4353
susy	0.7993	0.2007	0.7984	0.5911	0.6493
susy1%	0.8070	0.1930	0.8062	0.6070	0.6352
susy10%	0.8011	0.1989	0.8002	0.5949	0.6466
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9684	0.0316	0.9685	0.9367	0.1851
swarm_grouped	0.9750	0.0250	0.9734	0.9464	0.1484
tae	0.2667	0.4889	0.2139	-0.1000	0.6803
telco-churn	0.9034	0.0966	0.8732	0.7446	0.4576
texture	0.5091	0.0893	0.5181	0.4598	0.3139
theorem	0.9935	0.0065	0.9933	0.9865	0.0509
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7809	0.2191	0.6558	0.2459	0.6610
tis10%	0.7985	0.2015	0.6905	0.3093	0.6066
tourist	0.2500	0.2500	0.0952	0.0000	0.3182
tox_171	0.5294	0.2353	0.5411	0.3615	0.2893
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.6053	0.1990	0.8161

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec11-wc	0.1951	0.1789	0.1634	0.0308	0.4716
trec12-wc	0.0968	0.2258	0.1146	0.0114	0.4586
trec21-wc	0.5758	0.1414	0.1377	0.1600	0.3230
trec23-wc	0.2857	0.2381	0.2685	0.0870	0.3607
trec31-wc	0.1290	0.2488	0.0563	-0.0294	0.4307
trec41-wc	0.2386	0.1523	0.1683	0.1318	0.5492
trec45-wc	0.2029	0.1594	0.1650	0.1033	0.5663
tuandromd	0.9865	0.0135	0.9790	0.9579	0.1147
turkish	0.2750	0.3625	0.3240	0.0333	0.5226
tvnews	0.8649	0.1351	0.8525	0.7032	0.5311
tvnews1%	0.8692	0.1308	0.8582	0.7156	0.5241
tvnews10%	0.8697	0.1303	0.8583	0.7152	0.5205
ur3_cobotops_grip	0.9687	0.0313	0.6812	0.0776	0.0951
ur3_cobotops_stop	0.9673	0.0327	0.7101	0.1941	0.0984
urban	0.5224	0.1061	0.4903	0.4514	0.3072
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%	0.6682	0.3318	0.5708	0.0252	0.5556
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7143	0.1429	0.7220	0.6057	0.2845
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.9302	0.0698	0.9346	0.8608	0.2605
vowel	0.2828	0.1304	0.2924	0.2111	0.4374
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9164	0.0836	0.6682	0.2318	0.4417
wap-wc	0.0321	0.0968	0.0670	0.0253	0.3649
warpar10p	0.1538	0.1692	0.1714	0.0714	0.3212
warppie10p	0.5238	0.0952	0.4509	0.4697	0.1893
watch-acc	0.3572	0.1836	0.3961	0.2528	0.4601
watch-acc1%	0.3815	0.1767	0.4165	0.2810	0.4513
watch-acc10%	0.3600	0.1828	0.4019	0.2565	0.4763
watch-gyr	0.2769	0.2066	0.3241	0.1568	0.5235
watch-gyr1%	0.3001	0.2000	0.3337	0.1833	0.4851
watch-gyr10%	0.2924	0.2022	0.3269	0.1746	0.4703
water_pollution	0.2633	0.3683	0.1885	0.0051	0.4367
waveform	0.4960	0.3360	0.5580	0.2406	0.4685
weather-related	0.4135	0.1066	0.3972	0.3465	0.4094
web-phishing	0.5037	0.3309	0.5881	0.2509	0.4687
Weekly	0.9815	0.0185	0.9812	0.9625	0.1262
weight-lift	0.3276	0.2689	0.2959	0.1403	0.5796
white-clover	0.5000	0.2500	0.1667	-0.1250	0.1710
wifi-loc	0.6050	0.1975	0.6285	0.4733	0.2861
wilt	0.9938	0.0062	0.9666	0.9329	0.1374
wine	0.6471	0.2353	0.7403	0.4545	0.3033
winequality-red	0.5786	0.1405	0.2112	0.2803	0.3490
winequality-white	0.4131	0.1677	0.1311	0.0363	0.4489
winnipeg	0.5346	0.1330	0.4997	0.4378	0.2221
winnipeg10%	0.5446	0.1301	0.5721	0.4481	0.2225
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.3125	0.0917	0.3095	0.2605	0.2128
yeast	0.3446	0.1311	0.2648	0.1382	0.3883
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
zip	0.3344	0.1331	0.3440	0.2537	0.5294

Table 350: Detailed results for LS-SVM(1)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1614	0.0799	0.1231	0.0774	0.6090
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4000	0.6000	0.4000	-0.2000	1.0000
ads	0.8994	0.1006	0.7649	0.4038	0.2309
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.7559	0.2441	0.4305	0.0000	0.3958
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
anneal	0.7865	0.0854	0.6932	0.3746	0.1720
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9054	0.0473	0.8629	0.8066	0.1137
anuran-genus	0.8609	0.0348	0.8071	0.7446	0.1139
anuran-species	0.8792	0.0242	0.8622	0.8198	0.0982
apple-quality	0.9225	0.0775	0.9225	0.8450	0.3634
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.5556	0.0889	0.0714	0.0000	0.2612
auction	0.9020	0.0980	0.7387	0.3742	0.3680
audiology	0.4545	0.0992	0.3782	0.2865	0.2590
audit-risk	0.9487	0.0513	0.9465	0.8929	0.2780
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7429	0.2571	0.6557	0.0749	0.4105
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.6000	0.1333	0.5548	0.4483	0.2470
babies	0.4435	0.1590	0.2061	0.1417	0.5457
balance	0.9032	0.0645	0.6286	0.8206	0.2494
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.9200	0.0800	0.9201	0.8276	0.2500
barleyblumeria	0.6406	0.3594	0.6236	0.0081	0.4804
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
biodeg	0.7429	0.2571	0.7301	0.3870	0.5966
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
breast-cancer	0.6071	0.3929	0.3778	-0.1846	0.9542
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7081	0.6667	0.1559

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bridges	0.6000	0.1143	0.2500	0.2593	0.2276
cad	0.9000	0.1000	0.8824	0.7368	0.2605
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
car	0.9425	0.0287	0.8943	0.8760	0.2020
card	0.6522	0.3478	0.6583	0.2031	0.6282
cardiotocography	0.6761	0.0648	0.6600	0.5946	0.2672
cardiotocography-nsp	0.8451	0.1033	0.6550	0.4271	0.2031
cargo2k	0.4239	0.3841	0.5397	0.1181	0.3954
cars	0.7000	0.2000	0.6012	0.4419	0.5027
cas_N6512_cdk_ECFP2	0.5576	0.4424	0.6106	0.0435	0.5445
cas_N6512_rdkit_ATOMPAIR	0.5400	0.4600	0.5338	0.0046	0.5682
cas_N6512_RDkit_AtomPair_FP	0.5353	0.4647	0.3487	-0.0061	0.5691
cas_N6512_rdkit_AVALON	0.5637	0.4363	0.6276	0.0573	0.5172
cas_N6512_RDkit_Avalon_FP	0.5614	0.4386	0.6020	0.0549	0.5801
cas_N6512_rdkit_descriptors	0.6108	0.3892	0.6294	0.1742	0.7107
cas_N6512_rdkit_FEATMORGAN	0.5899	0.4101	0.6079	0.1244	0.6992
cas_N6512_RDkit_Featmorgan_FP	0.5859	0.4141	0.6051	0.1163	0.6927
cas_N6512_RDkit_FP	0.5475	0.4525	0.5801	0.0224	0.5664
cas_N6512_rdkit_LAYERED	0.5569	0.4431	0.6222	0.0429	0.5184
cas_N6512_RDkit_Layered_FP	0.5460	0.4540	0.5651	0.0194	0.5841
cas_N6512_rdkit_MACCS	0.6298	0.3702	0.6454	0.2177	0.7253
cas_N6512_RDkit_MACCS_FP	0.6687	0.3313	0.6828	0.3063	0.7171
cas_N6512_rdkit_MORGAN	0.5400	0.4600	0.5478	0.0041	0.5480
cas_N6512_RDkit_morgan_FP	0.5460	0.4540	0.6128	0.0179	0.5201
cas_N6512_rdkit_PATTERN	0.5446	0.4554	0.5585	0.0159	0.5846
cas_N6512_RDkit_pattern_FP	0.5521	0.4479	0.5840	0.0336	0.5825
cas_N6512_rdkit_RDKITFP	0.5530	0.4470	0.6193	0.0356	0.5191
cas_N6512_rdkit_TORSION	0.5554	0.4446	0.5752	0.0423	0.6246
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6736	0.3264	0.6321	0.1009	0.5469
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9587	0.0413	0.6642	0.1994	0.3356
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6405	0.1038	0.2709
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
churn	0.8220	0.1780	0.6728	0.2783	0.6112
ci900367j_MACCS	0.6316	0.3684	0.5768	0.0470	0.6198
cirrhosis	0.5714	0.2857	0.2424	0.0000	0.3038
cjs	0.8786	0.0405	0.8842	0.8518	0.1121
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7389	0.1306	0.4122	0.5658	0.2808
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.3333	0.4444	0.1667	0.0000	0.3838
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5510	0.2993	0.5254	0.2810	0.6853
cnae-9	0.2315	0.1708	0.3455	0.1354	0.3633
coil20	0.1597	0.0840	0.2288	0.1166	0.3705
college	0.7273	0.2727	0.4211	0.0000	0.4205
collins	0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8387	0.1613	0.8092	0.5995	0.5508
column-3c	0.7419	0.1720	0.6554	0.5702	0.3627
cottonmeloidogyne	0.5264	0.4736	0.5950	0.0611	0.6083
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5000	0.0250	0.3509	0.4870	0.0593
cyclopentane	0.6667	0.3333	0.6731	0.2832	0.7182
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
defect	0.8395	0.1605	0.4564	0.0000	0.3070
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.2973	0.2342	0.0764	0.0000	0.3667
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9615	0.0385	0.9602	0.9172	0.1529
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
dropout	0.4966	0.3356	0.2216	0.0008	0.3768
drug-01	0.3936	0.1733	0.1180	0.0046	0.3742
drug-02	0.5160	0.1383	0.1758	0.0181	0.3564
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5372	0.1322	0.1844	0.0257	0.2891
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3777	0.1778	0.2130	0.1930	0.5000
drug-07	0.4202	0.1657	0.1696	0.0043	0.3588
drug-08	0.5638	0.1246	0.2164	0.0386	0.2666
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5319	0.1337	0.0999	-0.0042	0.3442
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5851	0.1185	0.1845	0.0191	0.2529
drug-14	0.5691	0.1231	0.1047	0.0175	0.2555
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5372	0.1322	0.1837	0.0504	0.2761
drug-17	0.3670	0.1809	0.2099	0.0902	0.4779
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
ecoli	0.8235	0.0441	0.5209	0.7515	0.1319
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8254	0.6393	0.5094
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
eeg-eye	0.9085	0.0915	0.9075	0.8147	0.4062
eeg10%	0.1963	0.1005	0.1220	0.0745	0.4876
eucalyptus	0.4658	0.2137	0.4821	0.2704	0.3972
euthyroid	0.9684	0.0316	0.9052	0.7911	0.1010
fbis-wc	0.2114	0.0928	0.0653	0.0054	0.3496
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7451	0.2549	0.7426	0.4751	0.7349
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3000	0.1750	0.0577	0.0000	0.3283
forest	0.4423	0.2788	0.4381	0.1831	0.3608
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6063	0.2625	0.4167	0.1512	0.5473
gene	0.6025	0.2650	0.5966	0.2258	0.3393
german	0.6500	0.3500	0.3939	0.0000	0.4745
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8095	0.0635	0.8561	0.7383	0.1866
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.7262	0.2738	0.7182	0.4000	0.7075
green	0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage	0.4667	0.2667	0.5200	0.2453	0.5373
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.6296	0.3704	0.5997	0.1346	0.7562
heart-attack	0.6129	0.3871	0.6643	0.1545	0.5057
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-quantum	0.8800	0.1200	0.8750	0.7500	0.4964
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.5309	0.4691	0.3468	0.0000	0.5229
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.5625	0.4375	0.6316	0.0705	0.5185
hiv1-proteasa	0.8314	0.1686	0.6509	0.0163	0.3172
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
htru2	0.9782	0.0218	0.9317	0.8603	0.2014
hypothyroid	0.9178	0.0411	0.4258	0.1909	0.1599
hypothyroidT	0.9390	0.0610	0.7437	0.3251	0.1589
ilpd	0.7627	0.2373	0.6818	0.2677	0.5933
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
ionosphere	0.7143	0.2857	0.6654	0.1206	0.4373
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9600	0.0400	0.9606	0.9180	0.1675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8118	0.1882	0.6125	0.1340	0.5980
jvowels	0.9920	0.0018	0.9920	0.9909	0.0139
kc1	0.8436	0.1564	0.5905	0.0769	0.5202
kc1-class-level-defectiveornot	0.6000	0.4000	0.3750	0.0000	0.5000
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8462	0.1538	0.7552	0.5059	0.6528
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kidney-disease	0.9250	0.0750	0.9226	0.8333	0.2345
krvskp	0.5266	0.4734	0.6064	0.0069	0.5241
la1s-wc	0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc	0.3013	0.2329	0.1905	0.0054	0.3631
labor	0.6667	0.3333	0.4000	0.0000	0.4644
leaf	0.6765	0.0162	0.3625	0.6609	0.0484
led24	0.1500	0.1700	0.0261	0.0000	0.3774
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.4444	0.0741	0.4939	0.4084	0.2275
liver	0.8235	0.1765	0.7984	0.5968	0.6488
loan	0.8501	0.1499	0.8450	0.6574	0.4271
lrs	0.3962	0.1208	0.0568	0.0000	0.2643
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.2500	0.2143	0.0571	0.0000	0.3217
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.5714	0.2143	0.1818	0.0000	0.2456
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.8404	0.1596	0.8371	0.6599	0.5304
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.8685	0.1315	0.8538	0.7061	0.5279
mammography	0.7812	0.2188	0.7801	0.5591	0.6962
maternal	0.7327	0.1782	0.7385	0.5909	0.4905
messidor	0.5565	0.4435	0.5322	0.0608	0.9571
meter-A	0.8750	0.1250	0.8730	0.7143	0.3145
meter-B	0.7778	0.1481	0.8296	0.6400	0.1806
meter-C	0.8889	0.0556	0.7125	0.8421	0.0648
meter-D	0.8889	0.0556	0.8730	0.8448	0.1217
mfeat-fac	0.1350	0.1730	0.2135	0.0389	0.3948
mfeat-fou	0.1350	0.1730	0.1882	0.0389	0.3943
mfeat-kar	0.1500	0.1700	0.2197	0.0556	0.3887
mfeat-mor	0.7000	0.0600	0.7015	0.6667	0.1948
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.3700	0.1260	0.4623	0.3000	0.3033
mice-prot	0.3796	0.1551	0.4850	0.2809	0.3120
milk	0.9717	0.0189	0.9690	0.9568	0.0697
mines	0.5294	0.1882	0.5156	0.4113	0.3829
mobile	0.1923	0.0288	0.2723	0.1779	0.3464
monks-1	0.9455	0.0545	0.9458	0.8909	0.2790
monks-2	0.9344	0.0656	0.9290	0.8479	0.2092
monks-3	0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
musk	0.8939	0.1061	0.7748	0.4360	0.2410

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP2	0.6451	0.3549	0.6491	0.1783	0.6240
MUT_ci300400a_cdk_ECFP4	0.6407	0.3593	0.6651	0.1581	0.5127
MUT_ci300400a_cdk_ECFP6	0.6299	0.3701	0.6552	0.1318	0.5167
MUT_ci300400a_cdk_ESTATE	0.7278	0.2722	0.7185	0.4077	0.7230
MUT_ci300400a_cdk_EXTENDED	0.6439	0.3561	0.6658	0.1683	0.5278
MUT_ci300400a_cdk_FCFP2	0.7138	0.2862	0.7130	0.3606	0.6540
MUT_ci300400a_cdk_FCFP4	0.6679	0.3321	0.6694	0.2412	0.6473
MUT_ci300400a_cdk_FCFP6	0.6619	0.3381	0.6761	0.2186	0.5688
MUT_ci300400a_cdk_MACCS	0.6859	0.3141	0.6967	0.2826	0.5837
MUT_ci300400a_cdk_PUBCHEM	0.6515	0.3485	0.6666	0.1898	0.5630
MUT_ci300400a_cdk_STANDARD	0.6551	0.3449	0.6768	0.1970	0.5232
MUT_ci300400a_rdkit_descriptors	0.6880	0.3120	0.6967	0.3043	0.6305
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
NCI60	0.3333	0.2222	0.2500	0.2000	0.3026
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction	0.9339	0.0661	0.8692	0.7020	0.1786
NPHA-doctor-visits	0.5139	0.3241	0.3941	0.0462	0.6581
obs	0.9630	0.0185	0.9733	0.9448	0.0718
occupancy	0.9908	0.0092	0.9873	0.9744	0.1112
Occupancy_Estimation	0.9714	0.0143	0.9197	0.9138	0.0821
oh0-wc	0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
olive	0.9123	0.0195	0.9075	0.8891	0.0542
opn310k10%	0.9113	0.0887	0.5887	0.0174	0.2733
optdigits	0.1619	0.1676	0.2591	0.0778	0.3820
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6753	0.3247	0.6138	0.0680	0.5470
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5476	0.4524	0.6186	0.0360	0.5206
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9598	0.0161	0.6384	0.7356	0.1523
parkinson	0.8667	0.1333	0.8677	0.7113	0.4010
parkinsons-small	0.8421	0.1579	0.7920	0.4956	0.3261
particle10%	0.8985	0.1015	0.8733	0.7465	0.4802
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
phishing	0.8735	0.1265	0.8730	0.7194	0.3613
phoneme	0.8907	0.1093	0.8638	0.7272	0.4993
pima	0.7237	0.2763	0.7210	0.3502	0.5762
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.6042	0.0643	0.3096

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-5th	0.9357	0.0643	0.6719	0.1613	0.2810
polya	0.6486	0.3514	0.6105	0.0248	0.5011
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc	0.7500	0.2500	0.7555	0.5000	0.7188
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.0606	0.1324	0.2160	0.2482
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.4267	0.0882	0.1126	0.0630	0.3224
re1-wc	0.2530	0.0598	0.0739	0.0417	0.3254
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6357	0.3643	0.6158	0.2300	0.9009
satimage	0.8600	0.0467	0.8600	0.8255	0.1787
satimageF	0.9191	0.0809	0.7592	0.3815	0.1965
satimageT	0.9471	0.0529	0.8394	0.6211	0.1466
scadi	0.4286	0.1633	0.0857	0.0000	0.2912
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5294	0.4706	0.5436	0.0588	0.8368
sclerosis	0.5556	0.4444	0.3571	0.0000	0.5164
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9485	0.9342	0.0762
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8605	0.1395	0.4625	-0.0151	0.5048
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
shoppers	0.8483	0.1517	0.6058	0.0795	0.4702
sick	0.9576	0.0424	0.7993	0.5368	0.2602
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
smarket	0.8480	0.1520	0.8487	0.6952	0.5562
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
solar-flare	0.7338	0.0887	0.6110	0.6581	0.2605
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.5147	0.0511	0.4093	0.4481	0.2386
spambase	0.8065	0.1935	0.8097	0.5599	0.4421
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.1887	0.0338	0.0409	0.0899	0.3123
splice-EI	0.7918	0.2082	0.7081	0.2408	0.3706
splice-IE	0.8107	0.1893	0.7202	0.2763	0.3508
sport-articles	0.6400	0.3600	0.6310	0.0338	0.4822
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.4000	0.1905	0.0000	0.2619

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-b	0.8051	0.1949	0.6395	0.1778	0.5812
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9538	0.0462	0.9281	0.8456	0.1452
steel-o	0.7231	0.2769	0.6911	0.2648	0.5619
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9231	0.0769	0.7427	0.3249	0.1885
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5700	0.1720	0.3725	0.3085	0.5199
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
tae	0.4667	0.3556	0.5344	0.2000	0.5887
texture	0.9564	0.0079	0.9636	0.9519	0.0477
theorem	0.9018	0.0982	0.9045	0.7911	0.2864
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7368	0.2632	0.6690	0.1244	0.4184
tic-tac-toe	0.9053	0.0947	0.8967	0.7722	0.2605
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.1667	0.1111	0.0000	0.2923
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6898	0.2056	0.4505
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.6193	0.2326	0.8185
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3871	0.2043	0.1981	0.0194	0.3287
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.9910	0.0090	0.9865	0.9726	0.1201
turkish	0.3000	0.3500	0.3921	0.0667	0.3906
tvnews1%	0.6385	0.3615	0.5754	0.0366	0.5919
ur3_cobotops_grip	0.9755	0.0245	0.7610	0.4602	0.3127
ur3_cobotops_stop	0.9633	0.0367	0.6309	0.1707	0.4131
urban	0.2090	0.1758	0.1274	0.0193	0.3667
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.6667	0.1667	0.6546	0.5572	0.2959
vehicleVAN	0.8810	0.1190	0.8382	0.6226	0.2769
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.7209	0.2791	0.7701	0.4487	0.4822
vowel	0.5758	0.0771	0.6440	0.5333	0.2221
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
web-phishing	0.8741	0.0840	0.8176	0.7710	0.3316
Weekly	0.8333	0.1667	0.8339	0.6553	0.5521
white-clover	0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc	1.0000	0.0000	1.0000	1.0000	0.0000
wilt	0.9834	0.0166	0.9068	0.8096	0.2500
wine	0.7647	0.1569	0.5773	0.5037	0.2360

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
winequality-red	0.7233	0.0922	0.3632	0.5450	0.2949
winequality-white	0.6564	0.1145	0.4777	0.4575	0.3971
wisc_bc	0.6316	0.3684	0.3871	0.0000	0.4848
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5541	0.0892	0.3873	0.4093	0.3439
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

Table 351: Detailed results for LSLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1422	0.0817	0.1162	0.0531	0.5542
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.9299	0.0701	0.8430	0.6323	0.1831
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8873	0.1127	0.8401	0.6734	0.4986
air_pollution	0.3900	0.1743	0.1825	0.0029	0.5396
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8000	0.0800	0.3728	0.4966	0.1751
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8698	0.1302	0.8558	0.7008	0.4785
anneal	0.9551	0.0180	0.9537	0.9076	0.1272
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9777	0.0111	0.9413	0.9574	0.0514
anuran-genus	0.9861	0.0035	0.9379	0.9771	0.0588
anuran-species	0.9931	0.0014	0.9876	0.9903	0.0092
anxiety	0.1417	0.1907	0.1418	0.0331	0.7951
apple-quality	0.9025	0.0975	0.9027	0.8050	0.4223
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.6889	0.0479	0.3003	0.4247	0.1744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9118	0.0882	0.7695	0.4848	0.4195
audiology	0.8636	0.0248	0.8521	0.8370	0.0735
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7000	0.1000	0.5076	0.5918	0.2060
avila	0.7211	0.0465	0.6979	0.6145	0.2647
babies	0.4435	0.1590	0.1679	0.1332	0.5116
balance	0.9032	0.0645	0.6228	0.8178	0.1771
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9194	0.0806	0.9131	0.8191	0.3225
basehock	0.9698	0.0302	0.9698	0.9397	0.1825
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8952	0.1048	0.8896	0.7789	0.4599
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.7407	0.7800	0.0723
bridges	0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8966	0.0517	0.6256	0.7754	0.2504
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography	0.8122	0.0376	0.7900	0.7730	0.1925
cardiotocography-nsp	0.9014	0.0657	0.8005	0.7092	0.2690
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.6655	0.5814	0.4030
cas_N6512_cdk_ECFP2	0.7020	0.2980	0.7018	0.4029	0.8169
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.7408	0.2592	0.7385	0.4762	0.7638
cas_N6512_rdkit_AVALON	0.7942	0.2058	0.7930	0.5860	0.6766
cas_N6512_RDkit_Avalon_FP	0.7929	0.2071	0.7932	0.5853	0.6755
cas_N6512_rdkit_descriptors	0.7938	0.2062	0.7931	0.5860	0.6766
cas_N6512_rdkit_FEATMORGAN	0.7097	0.2903	0.7068	0.4128	0.8083
cas_N6512_RDkit_Featmorgan_FP	0.7469	0.2531	0.7459	0.4917	0.7554
cas_N6512_RDkit_FP	0.7623	0.2377	0.7606	0.5212	0.7317
cas_N6512_rdkit_LAYERED	0.7754	0.2246	0.7747	0.5492	0.7089
cas_N6512_RDkit_Layered_FP	0.7607	0.2393	0.7590	0.5180	0.7341
cas_N6512_rdkit_MACCS	0.7512	0.2488	0.7489	0.4956	0.7445
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.7508	0.2492	0.7486	0.4967	0.7489
cas_N6512_RDkit_morgan_FP	0.7515	0.2485	0.7496	0.4989	0.7485
cas_N6512_rdkit_PATTERN	0.7615	0.2385	0.7604	0.5208	0.7326
cas_N6512_RDkit_pattern_FP	0.7669	0.2331	0.7671	0.5332	0.7207
cas_N6512_rdkit_RDKITFP	0.7788	0.2212	0.7774	0.5549	0.7039
cas_N6512_rdkit_TORSION	0.7292	0.2708	0.7293	0.4578	0.7790
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7536	0.4997	0.7017
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.0441	0.9559	0.0422	0.0000	0.1165
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6405	0.1038	0.2709
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8460	0.1540	0.7345	0.4472	0.6263
churn-bigml	0.9101	0.0899	0.7987	0.5297	0.3143
ci900367j_MACCS	0.7158	0.2842	0.6851	0.3505	0.7788
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.4996	0.4867	0.4110
cjs	0.9821	0.0060	0.9782	0.9782	0.0344
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8194	0.0903	0.5802	0.7049	0.2209
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5238	0.3175	0.5005	0.2435	0.7137
cnae-9	0.8796	0.0267	0.8897	0.8646	0.1289
codon_usage	0.9294	0.0128	0.7622	0.9139	0.0998
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.6000	0.0533	0.4690	0.5506	0.1776
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7931	0.2069	0.7635	0.4942	0.6155
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7931	0.2069	0.7894	0.5515	0.6011
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7644	0.2356	0.7648	0.5290	0.7251
coupon	0.7177	0.2823	0.7097	0.4178	0.7996
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.9687	0.0313	0.9311	0.8570	0.1888
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4688	0.0266	0.3307	0.4538	0.0762
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1667	0.2778	0.1706	-0.0034	0.8637
cyclopentane	0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands	0.6667	0.3333	0.6514	0.2863	0.8361
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8951	0.1049	0.7795	0.5119	0.4433
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.5828	0.0525	0.4903
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.5000	0.0000	0.6840
df_final	0.5625	0.2917	0.4290	0.3000	0.5195
DIA	0.8500	0.1500	0.7938	0.5000	0.3145
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5588	0.2941	0.3776	0.0538	0.3478
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9333	0.0333	0.9000	0.9067	0.0654
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5718	0.4282	0.5684	0.1359	0.9513
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7833	0.1445	0.7064	0.6323	0.4204
drug-01	0.3511	0.1854	0.1466	0.0102	0.5854
drug-02	0.5160	0.1383	0.2473	0.1671	0.6343
drug-03	0.6915	0.0881	0.1843	0.1144	0.3296
drug-04	0.5160	0.1383	0.2396	0.1632	0.6533
drug-05	0.7287	0.0775	0.1598	0.0165	0.2941
drug-06	0.4043	0.1702	0.2517	0.2503	0.5832
drug-07	0.4309	0.1626	0.1348	0.0524	0.4382
drug-08	0.5691	0.1231	0.2014	0.1994	0.4661
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5160	0.1383	0.1616	0.1207	0.5441
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5957	0.1155	0.1759	0.2127	0.4359
drug-14	0.5798	0.1201	0.2679	0.2520	0.5645
drug-15	0.7500	0.0714	0.1478	0.0577	0.2921
drug-16	0.5798	0.1201	0.2577	0.2943	0.4752
drug-17	0.3564	0.1839	0.2297	0.1223	0.6392
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7606	0.0684	0.1625	0.0174	0.4031
drybean	0.9309	0.0197	0.9433	0.9164	0.1151
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.2410	-0.0125	0.8485
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.7423	0.2577	0.7392	0.4690	0.7417
eeg10%	0.4349	0.0706	0.4152	0.3701	0.5252
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6438	0.1425	0.6099	0.5303	0.3250
euthyroid	0.9304	0.0696	0.7730	0.4246	0.1765
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5250	0.4750	0.5249	0.0497	0.9851
farm-ads	0.7874	0.2126	0.8016	0.5626	0.5526
fbis-wc	0.7439	0.0301	0.5773	0.7021	0.1460
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7255	0.2745	0.7267	0.4279	0.7258
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.9899	0.0034	0.9894	0.9878	0.0257
gastrointestinal	0.8125	0.1250	0.8305	0.6981	0.2631
gender	0.6000	0.2667	0.3787	0.1423	0.5120
gene	0.9401	0.0400	0.9344	0.9040	0.1938
german	0.7500	0.2500	0.7146	0.3719	0.6479
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9337	0.0663	0.9337	0.8673	0.3246
gisette	0.9629	0.0371	0.9629	0.9257	0.2136
glass	0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.5311	0.2638	0.4346
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.9557	0.0177	0.9540	0.9438	0.0843

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8602	0.0399	0.5057	0.7899	0.1570
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.9640	0.0360	0.9580	0.9150	0.1956
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6755	0.3245	0.6731	0.3436	0.8476
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1522	0.1358	0.2724
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.9039	0.0961	0.8126	0.5867	0.3948
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6389	0.2407	0.6201	0.3482	0.4924
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9799	0.0201	0.9370	0.8707	0.1738
hypothyroid	0.9416	0.0292	0.5745	0.5646	0.1857
hypothyroidT	0.9549	0.0451	0.8202	0.5658	0.1285
ilpd	0.6610	0.3390	0.4663	-0.0461	0.8780
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9474	0.0040	0.9482	0.9453	0.0497
jm1	0.8246	0.1754	0.6564	0.2291	0.5895
jvowels	0.9859	0.0031	0.9851	0.9841	0.0249
kc1	0.8815	0.1185	0.7403	0.3730	0.3783
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7500	0.2500	0.5552	0.1011	0.8298
kdc-4007	0.4564	0.1553	0.5508	0.3614	0.3952
kddcup981%	0.9053	0.0947	0.4751	-0.0491	0.6630
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.0000	0.1000	0.0000	0.0000	0.1856
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.5102	0.0544	0.4828	0.4493	0.4168
krvskp	0.9592	0.0408	0.9597	0.9185	0.2215
la1s-wc	0.7524	0.0825	0.7176	0.6834	0.3270
la2s-wc	0.7715	0.0762	0.7632	0.7054	0.2943
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0256	0.6918	0.6915	0.0735
led24	0.7500	0.0500	0.7059	0.7167	0.0949
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9340	0.0051	0.9344	0.9313	0.0736
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.9167	0.0111	0.9277	0.9106	0.0365
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9438	0.0562	0.9399	0.8792	0.2853
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.5194	0.0874	0.2260	0.3566	0.4173
lrs	0.8868	0.0226	0.4553	0.8434	0.0597
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.5808	0.4192	0.5818	0.1615	0.9380
magic04	0.8674	0.1326	0.8521	0.6969	0.5025
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8327	0.6654	0.5984
marketing	0.8973	0.1027	0.7665	0.4453	0.3511
maternal	0.6535	0.2310	0.6575	0.4658	0.5272
math	0.8000	0.1000	0.7462	0.6784	0.2352
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2333	0.3067	0.2321	0.0400	0.8516
messidor	0.6957	0.3043	0.6897	0.3793	0.8299
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.8003	0.6104	0.2026
meter-D	0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac	0.9950	0.0010	0.9951	0.9944	0.0063
mfeat-fou	0.8250	0.0350	0.8250	0.8056	0.1336
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7300	0.0540	0.7359	0.7000	0.1729
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8550	0.0290	0.8554	0.8389	0.0668
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9434	0.0377	0.9337	0.9131	0.1271
mines	0.5294	0.1882	0.5053	0.4119	0.4138

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mobile	0.8741	0.0045	0.8692	0.8718	0.0568
monks-1	0.8000	0.2000	0.8013	0.5991	0.6529
monks-2	0.8361	0.1639	0.8143	0.6105	0.5504
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9439	0.0561	0.8866	0.7528	0.2285
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.7772	0.2228	0.7704	0.5407	0.7116
MUT_ci300400a_cdk_ECFP6	0.7449	0.2551	0.7349	0.4678	0.7605
MUT_ci300400a_cdk_ESTATE	0.7338	0.2662	0.7243	0.4481	0.7800
MUT_ci300400a_cdk_EXTENDED	0.8070	0.1930	0.8013	0.6026	0.6575
MUT_ci300400a_cdk_FCFP2	0.7377	0.2623	0.7261	0.4467	0.7645
MUT_ci300400a_cdk_FCFP4	0.7386	0.2614	0.7272	0.4495	0.7641
MUT_ci300400a_cdk_FCFP6	0.7734	0.2266	0.7646	0.5269	0.7131
MUT_ci300400a_cdk_MACCS	0.7806	0.2194	0.7719	0.5392	0.6943
MUT_ci300400a_cdk_PUBCHEM	0.8096	0.1904	0.8031	0.6056	0.6508
MUT_ci300400a_cdk_STANDARD	0.7808	0.2192	0.7729	0.5449	0.7036
MUT_ci300400a_rdkit_descriptors	0.8396	0.1604	0.8353	0.6698	0.5856
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9604	0.0396	0.9230	0.8426	0.2559
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4861	0.3426	0.3185	0.0019	0.5669
nursery	0.9568	0.0216	0.7270	0.9360	0.0642
obesity	0.8246	0.0501	0.8190	0.7953	0.1792
obs	0.8704	0.0648	0.8975	0.8067	0.1971
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9921	0.0039	0.9748	0.9760	0.0471
oh0-wc	0.7525	0.0495	0.7041	0.7106	0.1761
oh10-wc	0.7048	0.0590	0.6473	0.6603	0.2444
oh15-wc	0.6957	0.0609	0.7134	0.6459	0.2135
oh5-wc	0.7802	0.0440	0.7890	0.7489	0.1665
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9123	0.0877	0.6200	0.0363	0.2713
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9858	0.0028	0.9869	0.9842	0.0204
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8075	0.6140	0.6259
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9206	0.0794	0.9227	0.8416	0.3489
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.8935	0.8354	0.1504

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinson	0.9667	0.0333	0.9655	0.9310	0.2012
parkinsons	0.8057	0.1943	0.7941	0.5883	0.6673
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8854	0.1146	0.8536	0.7031	0.4940
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5722	0.4278	0.4944	-0.0042	0.7636
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia	0.5882	0.1176	0.5347	0.4979	0.3729
pendigits	0.9900	0.0020	0.9902	0.9889	0.0179
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8192	0.1808	0.8042	0.6051	0.6309
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9250	0.0750	0.9142	0.8257	0.3447
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.6738	0.0932	0.6321	0.6173	0.3204
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.6705	0.0941	0.6509	0.6135	0.3411
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8574	0.1426	0.8248	0.6496	0.5918
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7368	0.2632	0.7176	0.4154	0.7389
pirvision	0.9915	0.0057	0.9850	0.9728	0.0369
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5385	0.1318	0.1565	0.1199	0.3105
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th	0.9374	0.0626	0.6817	0.2274	0.3433
polya	0.7978	0.2022	0.7745	0.5446	0.6772
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6195	0.2353	0.9023
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.4024	0.4211	0.2488
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7313	0.2687	0.6689	0.2923	0.7269
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9626	0.0150	0.9469	0.9496	0.0668
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.7067	0.0451	0.4376	0.5719	0.2240
re1-wc	0.6205	0.0304	0.2898	0.5384	0.2076
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6618	0.3382	0.6427	0.2828	0.8722
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8911	0.0363	0.8747	0.8651	0.1594
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9409	0.0591	0.8154	0.5980	0.3572
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9221	0.0223	0.9309	0.9089	0.0825
segmentation	0.8812	0.1188	0.8698	0.7394	0.5009
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8905	0.1095	0.7585	0.4777	0.5044
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9496	0.0504	0.7516	0.4051	0.2858
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9935	0.0065	0.9903	0.9804	0.0931
smarket	0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming	0.1600	0.4200	0.1515	-0.1242	0.8865
smk_can_187	0.7895	0.2105	0.7933	0.5730	0.6420
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2000	0.3200	0.2009	-0.0013	0.8700
solar-flare	0.7698	0.0767	0.6224	0.7040	0.1825
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9152	0.0848	0.9111	0.8202	0.3754
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.5577	0.0328	0.4502	0.5282	0.1395
splice-EI	0.9685	0.0315	0.9582	0.9164	0.2255
splice-IE	0.9306	0.0694	0.9010	0.7986	0.3550
sport-articles	0.8600	0.1400	0.8498	0.6997	0.5535

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8564	0.1436	0.7669	0.5251	0.6179
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8051	0.1949	0.7799	0.5558	0.6667
steel-p	0.9231	0.0769	0.6653	0.2567	0.4931
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9028	0.0972	0.8215	0.6267	0.4657
stockb	0.9736	0.0176	0.9736	0.9603	0.0734
streaming	0.9080	0.0920	0.9071	0.8141	0.4113
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4500	0.2200	0.3020	0.1288	0.4470
student-weekend	0.4000	0.2400	0.2761	0.1416	0.5788
student-workday	0.7031	0.1187	0.2261	0.0515	0.2877
studentap	0.6923	0.2051	0.5260	0.5000	0.2833
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.5099	0.2000	0.5180
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9909	0.0017	0.9914	0.9900	0.0144
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7910	0.2090	0.6776	0.2547	0.5681
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.6053	0.1990	0.8161
trec11-wc	0.4878	0.1138	0.2892	0.2867	0.2671
trec12-wc	0.5161	0.1210	0.4932	0.3551	0.2692
trec21-wc	0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc	0.5238	0.1587	0.2393	0.1923	0.2857
trec31-wc	0.7204	0.0932	0.6144	0.6020	0.2592
trec41-wc	0.6136	0.0773	0.3953	0.5059	0.2525
trec45-wc	0.5072	0.0986	0.4398	0.4111	0.2962
tuandromd	0.9798	0.0202	0.9696	0.9386	0.2027
turkish	0.8250	0.0875	0.8244	0.7667	0.1948
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9385	0.0615	0.9338	0.8656	0.2918
tvnews10%	0.9129	0.0871	0.9058	0.8114	0.4038
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9687	0.0313	0.7252	0.2510	0.0954

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
urban	0.8507	0.0332	0.8653	0.8250	0.1103
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7857	0.1071	0.7489	0.7106	0.1841
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5455	0.0826	0.5778	0.5000	0.2203
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7949	0.0205	0.5458	0.7681	0.1193
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2400	0.3800	0.2394	-0.0133	0.8676
waveform	0.8320	0.1120	0.8322	0.7480	0.3820
weather-related	0.9519	0.0087	0.9554	0.9454	0.0572
web-phishing	0.8296	0.1136	0.6882	0.6938	0.4698
Weekly	0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9814	0.0186	0.8924	0.7711	0.1899
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6164	0.1279	0.2868	0.3740	0.3879
winequality-white	0.5706	0.1227	0.2744	0.3256	0.4512
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5676	0.0865	0.3480	0.4413	0.3681
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9624	0.0075	0.9589	0.9578	0.0616

Table 352: Detailed results for LSLSVC(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1470	0.0812	0.1119	0.0563	0.5412
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.9299	0.0701	0.8430	0.6323	0.1831
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8873	0.1127	0.8401	0.6734	0.4986
air_pollution	0.4033	0.1705	0.1372	0.0031	0.3949
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8000	0.0800	0.3683	0.4980	0.1941
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8698	0.1302	0.8558	0.7008	0.4785
anneal	0.9438	0.0225	0.7520	0.8826	0.1411
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9791	0.0104	0.9444	0.9600	0.0495
anuran-genus	0.9889	0.0028	0.9579	0.9817	0.0547
anuran-species	0.9917	0.0017	0.9871	0.9884	0.0145
anxiety	0.1083	0.1981	0.1081	-0.0050	0.8447
apple-quality	0.9025	0.0975	0.9027	0.8050	0.4223
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.6667	0.0513	0.2804	0.3584	0.1851

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9118	0.0882	0.7695	0.4848	0.4195
audiology	0.8636	0.0248	0.7750	0.8358	0.0643
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7500	0.0833	0.6520	0.6599	0.1827
avila	0.7341	0.0443	0.7153	0.6339	0.2698
babies	0.4516	0.1567	0.1523	0.1474	0.5171
balance	0.9032	0.0645	0.7457	0.8224	0.2810
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9194	0.0806	0.9131	0.8191	0.3225
basehock	0.9698	0.0302	0.9698	0.9397	0.1825
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8952	0.1048	0.8896	0.7789	0.4599
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9310	0.0345	0.8410	0.8540	0.2145
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography	0.8122	0.0376	0.7754	0.7731	0.2051
cardiotocography-nsp	0.9061	0.0626	0.8178	0.7229	0.2588
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.6704	0.5819	0.3906
cas_N6512_cdk_ECFP2	0.7020	0.2980	0.7018	0.4029	0.8169
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.7408	0.2592	0.7385	0.4762	0.7638
cas_N6512_rdkit_AVALON	0.7942	0.2058	0.7930	0.5860	0.6766
cas_N6512_RDkit_Avalon_FP	0.7929	0.2071	0.7932	0.5853	0.6755
cas_N6512_rdkit_descriptors	0.7938	0.2062	0.7931	0.5860	0.6766
cas_N6512_rdkit_FEATMORGAN	0.7097	0.2903	0.7068	0.4128	0.8083
cas_N6512_RDkit_Featmorgan_FP	0.7469	0.2531	0.7459	0.4917	0.7554
cas_N6512_RDkit_FP	0.7623	0.2377	0.7606	0.5212	0.7317
cas_N6512_rdkit_LAYERED	0.7754	0.2246	0.7747	0.5492	0.7089
cas_N6512_RDkit_Layered_FP	0.7607	0.2393	0.7590	0.5180	0.7341
cas_N6512_rdkit_MACCS	0.7512	0.2488	0.7489	0.4956	0.7445
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.7508	0.2492	0.7486	0.4967	0.7489
cas_N6512_RDkit_morgan_FP	0.7515	0.2485	0.7496	0.4989	0.7485
cas_N6512_rdkit_PATTERN	0.7615	0.2385	0.7604	0.5208	0.7326
cas_N6512_RDkit_pattern_FP	0.7669	0.2331	0.7671	0.5332	0.7207
cas_N6512_rdkit_RDKITFP	0.7788	0.2212	0.7774	0.5549	0.7039
cas_N6512_rdkit_TORSION	0.7292	0.2708	0.7293	0.4578	0.7790
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7536	0.4997	0.7017
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6405	0.1038	0.2709
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8460	0.1540	0.7345	0.4472	0.6263
churn-bigml	0.9101	0.0899	0.7987	0.5297	0.3143
ci900367j_MACCS	0.7158	0.2842	0.6851	0.3505	0.7788
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.4807	0.4350	0.4320
cjs	0.9786	0.0071	0.9754	0.9739	0.0426
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8407	0.0796	0.6028	0.7479	0.2627
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5374	0.3084	0.5139	0.2661	0.6985
cnae-9	0.8519	0.0329	0.8729	0.8333	0.1333
codon_usage	0.9378	0.0113	0.7810	0.9242	0.0964
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.6200	0.0507	0.4970	0.5742	0.1636
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7931	0.2069	0.7635	0.4942	0.6155
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7931	0.2069	0.7894	0.5515	0.6011
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7644	0.2356	0.7648	0.5290	0.7251
coupon	0.7177	0.2823	0.7097	0.4178	0.7996
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.9687	0.0313	0.9311	0.8570	0.1888
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4688	0.0266	0.3384	0.4538	0.0790
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.1782	0.0083	0.8663
cyclopentane	0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands	0.6667	0.3333	0.6514	0.2863	0.8361
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8951	0.1049	0.7795	0.5119	0.4433
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.5828	0.0525	0.4903
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.5000	0.0000	0.6840
df_final	0.5625	0.2917	0.4290	0.3000	0.5195
DIA	0.8500	0.1500	0.7938	0.5000	0.3145
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5588	0.2941	0.3776	0.0538	0.3478
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5718	0.4282	0.5684	0.1359	0.9513
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7743	0.1505	0.6962	0.6208	0.4333
drug-01	0.3777	0.1778	0.1570	0.0437	0.5688
drug-02	0.5213	0.1368	0.2576	0.1708	0.6332
drug-03	0.6968	0.0866	0.1930	0.1298	0.3333
drug-04	0.5213	0.1368	0.1958	0.1482	0.6223
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.4096	0.1687	0.2403	0.2518	0.5288
drug-07	0.4362	0.1611	0.1374	0.0635	0.4463
drug-08	0.5638	0.1246	0.2012	0.1787	0.4334
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5106	0.1398	0.1497	0.0925	0.5263
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5851	0.1185	0.1737	0.1890	0.4181
drug-14	0.5957	0.1155	0.2605	0.2667	0.4540
drug-15	0.7447	0.0729	0.1220	-0.0204	0.2917
drug-16	0.5904	0.1170	0.2646	0.3142	0.4576
drug-17	0.3457	0.1869	0.2017	0.1007	0.6439
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1632	0.0243	0.3344
drybean	0.9324	0.0193	0.9443	0.9182	0.1109
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2115	-0.0521	0.8779
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.7423	0.2577	0.7391	0.4691	0.7424
eeg10%	0.4298	0.0713	0.4169	0.3649	0.5279
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6438	0.1425	0.6210	0.5381	0.4060
euthyroid	0.9304	0.0696	0.7730	0.4246	0.1765
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5250	0.4750	0.5249	0.0497	0.9851
farm-ads	0.7874	0.2126	0.8016	0.5626	0.5526
fbis-wc	0.6260	0.0440	0.4141	0.5557	0.2052
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7255	0.2745	0.7267	0.4279	0.7258
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.9907	0.0031	0.9906	0.9887	0.0232
gastrointestinal	0.8125	0.1250	0.8305	0.6981	0.2631
gender	0.5937	0.2709	0.3735	0.1298	0.5165
gene	0.9369	0.0421	0.9321	0.8993	0.2008
german	0.7500	0.2500	0.7146	0.3719	0.6479
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.9337	0.0663	0.9337	0.8673	0.3246
gisette	0.9629	0.0371	0.9629	0.9257	0.2136
glass	0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.5832	0.3519	0.4258
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.9638	0.0145	0.9617	0.9542	0.0698
har70	0.4777	0.1492	0.0924	0.0000	0.2651

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har701%	0.8602	0.0399	0.5058	0.7900	0.1554
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth	0.4492	0.0918	0.0517	0.0000	0.2692
harth1%	0.6603	0.0566	0.3401	0.4742	0.2550
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.9640	0.0360	0.9580	0.9150	0.1956
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6755	0.3245	0.6731	0.3436	0.8476
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.0625	0.0253	0.3029
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.9039	0.0961	0.8126	0.5867	0.3948
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.4737	0.2448	0.6829
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.9799	0.0201	0.9370	0.8707	0.1738
hypothyroid	0.9363	0.0318	0.5471	0.5082	0.2451
hypothyroidT	0.9549	0.0451	0.8202	0.5658	0.1285
ilpd	0.6610	0.3390	0.4663	-0.0461	0.8780
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9461	0.0041	0.9470	0.9439	0.0503
jm1	0.8246	0.1754	0.6564	0.2291	0.5895
jvowels	0.9940	0.0013	0.9939	0.9932	0.0120
kc1	0.8815	0.1185	0.7403	0.3730	0.3783
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7500	0.2500	0.5552	0.1011	0.8298
kdc-4007	0.1995	0.2287	0.2647	0.0561	0.3888
kddcup981%	0.6526	0.3474	0.5734	0.0684	0.3459
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.5758	0.0471	0.5623	0.5239	0.3675
krvskp	0.9592	0.0408	0.9597	0.9185	0.2215
la1s-wc	0.6952	0.1016	0.6682	0.6104	0.3633
la2s-wc	0.6755	0.1082	0.6566	0.5739	0.3820
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6838	0.6603	0.0833
led24	0.7000	0.0600	0.6825	0.6601	0.1267
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9535	0.0036	0.9538	0.9516	0.0526
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8889	0.0148	0.9083	0.8808	0.0504
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9438	0.0562	0.9399	0.8792	0.2853
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.5419	0.0833	0.2639	0.3868	0.4181
lrs	0.8868	0.0226	0.4553	0.8434	0.0597
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.5808	0.4192	0.5818	0.1615	0.9380
magic04	0.8674	0.1326	0.8521	0.6969	0.5025
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8327	0.6654	0.5984
marketing	0.8973	0.1027	0.7665	0.4453	0.3511
maternal	0.6535	0.2310	0.6575	0.4658	0.5272
math	0.7750	0.1125	0.7605	0.6429	0.2740
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2300	0.3080	0.2293	0.0358	0.8442
messidor	0.6957	0.3043	0.6897	0.3793	0.8299
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.8003	0.6104	0.2026
meter-D	0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-fou	0.8200	0.0360	0.8217	0.8000	0.1439
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7300	0.0540	0.7369	0.7000	0.1708
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8400	0.0320	0.8451	0.8222	0.0831
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9340	0.0440	0.9259	0.8987	0.1587
mines	0.5294	0.1882	0.4817	0.4106	0.3845
mobile	0.8741	0.0045	0.8836	0.8718	0.0580
monks-1	0.8000	0.2000	0.8013	0.5991	0.6529

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-2	0.8361	0.1639	0.8143	0.6105	0.5504
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9439	0.0561	0.8866	0.7528	0.2285
MUT_ci300400a_cdk_ECFP2	0.7530	0.2470	0.7431	0.4837	0.7469
MUT_ci300400a_cdk_ECFP4	0.7772	0.2228	0.7704	0.5407	0.7116
MUT_ci300400a_cdk_ECFP6	0.7449	0.2551	0.7349	0.4678	0.7605
MUT_ci300400a_cdk_ESTATE	0.7338	0.2662	0.7243	0.4481	0.7800
MUT_ci300400a_cdk_EXTENDED	0.8070	0.1930	0.8013	0.6026	0.6575
MUT_ci300400a_cdk_FCFP2	0.7377	0.2623	0.7261	0.4467	0.7645
MUT_ci300400a_cdk_FCFP4	0.7386	0.2614	0.7272	0.4495	0.7641
MUT_ci300400a_cdk_FCFP6	0.7734	0.2266	0.7646	0.5269	0.7131
MUT_ci300400a_cdk_MACCS	0.7806	0.2194	0.7719	0.5392	0.6943
MUT_ci300400a_cdk_PUBCHEM	0.8096	0.1904	0.8031	0.6056	0.6508
MUT_ci300400a_cdk_STANDARD	0.7808	0.2192	0.7729	0.5449	0.7036
MUT_ci300400a_rdkit_descriptors	0.8396	0.1604	0.8353	0.6698	0.5856
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.9604	0.0396	0.9230	0.8426	0.2559
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.3252	0.0193	0.5922
nursery	0.9761	0.0120	0.8985	0.9647	0.0363
obesity	0.8910	0.0311	0.8877	0.8727	0.1373
obs	0.8704	0.0648	0.8975	0.8067	0.1971
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9921	0.0039	0.9748	0.9760	0.0471
oh0-wc	0.6634	0.0673	0.5792	0.6007	0.2275
oh10-wc	0.6000	0.0800	0.5796	0.5322	0.2663
oh15-wc	0.5217	0.0957	0.3989	0.4325	0.2594
oh5-wc	0.5495	0.0901	0.5241	0.4746	0.2552
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9123	0.0877	0.6200	0.0363	0.2713
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9822	0.0036	0.9837	0.9802	0.0250
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8075	0.6140	0.6259
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9206	0.0794	0.9227	0.8416	0.3489
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.8841	0.8369	0.1507
parkinson	0.9667	0.0333	0.9655	0.9310	0.2012

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons	0.8057	0.1943	0.7941	0.5883	0.6673
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.8854	0.1146	0.8536	0.7031	0.4940
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5722	0.4278	0.4944	-0.0042	0.7636
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia	0.5588	0.1260	0.4214	0.4486	0.3898
pendigits	0.9936	0.0013	0.9936	0.9929	0.0120
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8192	0.1808	0.8042	0.6051	0.6309
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.9250	0.0750	0.9142	0.8257	0.3447
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.7496	0.0715	0.7196	0.7067	0.2469
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.7753	0.0642	0.7574	0.7366	0.2505
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.8574	0.1426	0.8248	0.6496	0.5918
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7368	0.2632	0.7176	0.4154	0.7389
pirvision	0.9922	0.0052	0.9862	0.9748	0.0278
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5395	0.1316	0.1571	0.1235	0.3117
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9439	0.0561	0.5386	0.0260	0.4089
polish-5th	0.9357	0.0643	0.6671	0.2205	0.3986
polya	0.7978	0.2022	0.7745	0.5446	0.6772
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6195	0.2353	0.9023
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.3663	0.4234	0.2419
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7313	0.2687	0.6689	0.2923	0.7269
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9692	0.0123	0.9580	0.9586	0.0607
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.6267	0.0574	0.2927	0.4370	0.2478
re1-wc	0.4217	0.0463	0.1282	0.2701	0.2974
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6618	0.3382	0.6427	0.2828	0.8722
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8989	0.0337	0.8863	0.8748	0.1544
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9409	0.0591	0.8154	0.5980	0.3572
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9351	0.0186	0.9425	0.9241	0.0737
segmentation	0.8812	0.1188	0.8698	0.7394	0.5009
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8905	0.1095	0.7585	0.4777	0.5044
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9496	0.0504	0.7516	0.4051	0.2858
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9935	0.0065	0.9903	0.9804	0.0931
smarket	0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming	0.1600	0.4200	0.1529	-0.1254	0.8416
smk_can_187	0.7895	0.2105	0.7933	0.5730	0.6420
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1833	0.3267	0.1827	-0.0227	0.8726
solar-flare	0.7626	0.0791	0.6174	0.6949	0.1847
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9559	0.0046	0.9202	0.9515	0.0186
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9152	0.0848	0.9111	0.8202	0.3754
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.6154	0.0285	0.5035	0.5920	0.1232
splice-EI	0.9685	0.0315	0.9582	0.9164	0.2255
splice-IE	0.9306	0.0694	0.9010	0.7986	0.3550
sport-articles	0.8600	0.1400	0.8498	0.6997	0.5535
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8564	0.1436	0.7669	0.5251	0.6179
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8000	0.2000	0.7744	0.5457	0.6792
steel-p	0.9282	0.0718	0.6941	0.2762	0.3858
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9028	0.0972	0.8215	0.6267	0.4657
stockb	0.9912	0.0059	0.9913	0.9868	0.0273
streaming	0.9080	0.0920	0.9071	0.8141	0.4113
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4600	0.2160	0.3075	0.1446	0.4421
student-weekend	0.3692	0.2523	0.2419	0.1117	0.6168
student-workday	0.6875	0.1250	0.1630	-0.0248	0.2966
studentap	0.6154	0.2564	0.4782	0.3750	0.4230
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.9945	0.0010	0.9949	0.9940	0.0082
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7910	0.2090	0.6776	0.2547	0.5681
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.6053	0.1990	0.8161
trec11-wc	0.3659	0.1409	0.1062	0.0951	0.3267
trec12-wc	0.3226	0.1694	0.1560	0.0510	0.3512
trec21-wc	0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.6452	0.1183	0.4347	0.4866	0.3116
trec41-wc	0.5341	0.0932	0.2697	0.3921	0.2714
trec45-wc	0.4638	0.1072	0.4142	0.3512	0.3355
tuandromd	0.9798	0.0202	0.9696	0.9386	0.2027
turkish	0.8500	0.0750	0.8541	0.8000	0.1732
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.9385	0.0615	0.9338	0.8656	0.2918
tvnews10%	0.9129	0.0871	0.9058	0.8114	0.4038
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9687	0.0313	0.7252	0.2510	0.0954
urban	0.8209	0.0398	0.8308	0.7894	0.1388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7857	0.1071	0.7463	0.7102	0.2066
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6465	0.0643	0.6898	0.6111	0.1732
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.6346	0.0365	0.4065	0.5808	0.1941
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.7523	0.0708	0.7460	0.7101	0.2873
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2700	0.3650	0.2700	0.0265	0.8463
waveform	0.8320	0.1120	0.8322	0.7480	0.3812
weather-related	0.9577	0.0077	0.9589	0.9519	0.0463
web-phishing	0.8370	0.1086	0.7007	0.7054	0.4471
Weekly	0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9814	0.0186	0.8924	0.7711	0.1899
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6289	0.1237	0.2975	0.3932	0.4175
winequality-white	0.5644	0.1245	0.2614	0.3162	0.4478
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7496	0.7322	0.0687
yeast	0.5405	0.0919	0.3334	0.4055	0.3758
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9656	0.0069	0.9628	0.9614	0.0570

Table 353: Detailed results for LSMBSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1590	0.0801	0.1169	0.0785	0.6482
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8333	0.1667	0.4977	-0.0046	0.7062
AID_1431_KlekotaRothFingerprinter	0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1431_MACCSFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878	0.6762	0.3238	0.5489	0.0934	0.7940
AID_602330	0.8802	0.1198	0.5142	0.0247	0.5228
AID_652128	0.7475	0.1683	0.2868	-0.0631	0.6064
AID1284Morered	0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red	0.6944	0.3056	0.4891	-0.0206	0.7441
AID1608Morered	0.8641	0.1359	0.5267	0.0526	0.6574
AID1608red	0.8544	0.1456	0.4607	-0.0752	0.5990
AID362red	0.9766	0.0234	0.5774	0.1548	0.5701
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.5714	0.4286	0.6818	0.2222	0.4422
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.7174	0.4318	0.7663
AID644red	0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.8889	0.1111	0.8333	0.6087	0.2605
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7700	0.2300	0.7027	0.4038	0.7617
air_pollution	0.2100	0.2257	0.1079	-0.0291	0.9318
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8857	0.0457	0.7139	0.7329	0.1297
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7674	0.2326	0.7456	0.4912	0.7408
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9930	0.0035	0.9778	0.9868	0.0195
anuran-genus	0.9861	0.0035	0.9546	0.9772	0.0810
anuran-species	0.9847	0.0031	0.9811	0.9788	0.0414
anxiety	0.1250	0.1944	0.1264	0.0159	0.7939
apple-quality	0.8950	0.1050	0.8957	0.7900	0.4391
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7354	0.4681	0.7547
arrhythmia	0.5556	0.0684	0.1858	0.3023	0.3643
auction	0.9461	0.0539	0.8692	0.7261	0.3319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.8182	0.0331	0.6659	0.7827	0.0742
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.8276	0.1724	0.8505	0.6588	0.4125
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.2903	0.2028	0.1933	0.0261	0.7422
balance	0.8065	0.1290	0.5898	0.6643	0.4005
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6498	0.3502	0.6197	0.2395	0.8894
basehock	0.9196	0.0804	0.9197	0.8392	0.3718
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8381	0.1619	0.8407	0.6710	0.5680
biomed	0.8095	0.1905	0.8108	0.5532	0.3876
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.5714	0.4286	0.5458	0.0870	0.8810
breast-cancer-co	0.8182	0.1818	0.8451	0.6452	0.4308
breast-cancer-ma	0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue	0.3636	0.2121	0.3492	0.2451	0.3231
bridges	0.4000	0.1714	0.3045	0.2308	0.3602
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9710	0.0290	0.9681	0.9361	0.1885
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9540	0.0230	0.8732	0.9002	0.0956
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.7826	0.2174	0.7749	0.5474	0.6962
cardiotocography	0.6150	0.0770	0.5956	0.5405	0.4717
cardiotocography-nsp	0.8967	0.0689	0.8202	0.7229	0.3060
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0104
cars	0.6500	0.2333	0.5643	0.3860	0.6120
cas_N6512_cdk_ECFP2	0.7634	0.2366	0.7614	0.5223	0.7289
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.7316	0.2684	0.7291	0.4555	0.7731
cas_N6512_rdkit_AVALON	0.7803	0.2197	0.7790	0.5581	0.7013
cas_N6512_RDkit_Avalon_FP	0.8006	0.1994	0.8001	0.5998	0.6637
cas_N6512_rdkit_descriptors	0.7615	0.2385	0.7595	0.5178	0.7304
cas_N6512_rdkit_FEATMORGAN	0.7803	0.2197	0.7799	0.5594	0.6998
cas_N6512_RDkit_Featmorgan_FP	0.7929	0.2071	0.7915	0.5829	0.6786
cas_N6512_RDkit_FP	0.7515	0.2485	0.7498	0.4997	0.7489
cas_N6512_rdkit_LAYERED	0.7677	0.2323	0.7662	0.5323	0.7228
cas_N6512_RDkit_Layered_FP	0.7423	0.2577	0.7400	0.4791	0.7613
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.7908	0.2092	0.7894	0.5788	0.6828
cas_N6512_RDkit_morgan_FP	0.7960	0.2040	0.7945	0.5887	0.6725

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7708	0.2292	0.7702	0.5400	0.7165
cas_N6512_RDkit_pattern_FP	0.7699	0.2301	0.7688	0.5376	0.7188
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.7800	0.2200	0.7794	0.5585	0.7007
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7668	0.2332	0.7512	0.5008	0.7347
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9302	0.0698	0.6139	0.2158	0.6307
cervical-H	0.9419	0.0581	0.7728	0.5169	0.5762
cervical-S	0.9302	0.0698	0.7711	0.5343	0.5353
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8577	0.1423	0.7507	0.4940	0.6625
ci900367j_MACCS	0.6737	0.3263	0.6635	0.3250	0.8491
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.6429	0.2381	0.4324	0.3046	0.5753
cjs	0.9929	0.0024	0.9911	0.9913	0.0136
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.8000	0.2000	0.5974	0.1803	0.6689
cmc	0.4694	0.3537	0.4583	0.1875	0.7654
cnae-9	0.9444	0.0123	0.9447	0.9375	0.0605
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.8831	0.1169	0.8606	0.7179	0.5302
collins	0.5000	0.0667	0.4085	0.4467	0.2856
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.7586	0.2414	0.7398	0.4781	0.7496
colposcopies-2	0.5172	0.4828	0.4682	-0.0628	0.9943
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.7586	0.2414	0.6866	0.3715	0.7831
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c	0.6552	0.3448	0.5292	0.0584	0.8870
column-2c	0.8387	0.1613	0.8092	0.5995	0.5508
column-3c	0.7097	0.1935	0.6909	0.5485	0.5583
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.6538	0.3462	0.6539	0.3077	0.8759
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.6667	0.3333	0.6750	0.3415	0.8344
cultivars	0.3750	0.0312	0.2656	0.3581	0.1168
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1700	0.2767	0.1693	0.0034	0.8823
cyclopentane	0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands	0.7963	0.2037	0.7970	0.5903	0.6643
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8796	0.1204	0.7586	0.5115	0.6127
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8042	0.1958	0.5850	0.1592	0.7761
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.3639	0.1351	0.6307
dexter	0.4833	0.5167	0.3258	-0.0333	0.6886
df_final	0.6250	0.2500	0.4805	0.4000	0.4520
DIA	0.8333	0.1667	0.7778	0.5556	0.6625
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5588	0.2941	0.5035	0.2365	0.6848
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9333	0.0333	0.9235	0.9070	0.0848
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.6185	0.2543	0.5510	0.3660	0.6675
drug-01	0.2606	0.2112	0.1534	0.0311	0.8187
drug-02	0.2926	0.2021	0.1700	0.0516	0.8561
drug-03	0.3511	0.1854	0.1397	0.0165	0.7144
drug-04	0.3777	0.1778	0.2240	0.1452	0.8125
drug-05	0.4362	0.1611	0.1283	0.0038	0.8004
drug-06	0.2926	0.2021	0.2558	0.1602	0.7335
drug-07	0.3032	0.1991	0.1418	0.0491	0.7615
drug-08	0.3138	0.1960	0.1648	0.0758	0.8353
drug-09	0.5904	0.1170	0.1533	0.0511	0.5781
drug-10	0.3564	0.1839	0.1542	0.0870	0.7695
drug-11	0.6649	0.0957	0.1848	0.1117	0.7026
drug-12	0.4096	0.1687	0.1352	0.0186	0.6531
drug-13	0.3670	0.1809	0.1546	0.0828	0.8307
drug-14	0.3670	0.1809	0.2011	0.1109	0.8375
drug-15	0.5638	0.1246	0.1576	0.1005	0.8927
drug-16	0.3511	0.1854	0.2367	0.1367	0.7957

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-17	0.1809	0.2340	0.1401	-0.0004	0.8789
drug-18	0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19	0.5160	0.1383	0.1746	0.0842	0.7328
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.6176	0.1275	0.4872	0.4738	0.3528
ecoliCP-IM	0.9091	0.0909	0.9018	0.8036	0.4217
ecoliM	0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9091	0.0909	0.4762	-0.0421	0.6863
ecommerce	0.1700	0.4150	0.1700	-0.1062	0.9130
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4932	0.2027	0.5009	0.3552	0.5106
euthyroid	0.9715	0.0285	0.9153	0.8266	0.2470
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4975	0.5025	0.4979	-0.0042	0.9999
farm-ads	0.8865	0.1135	0.8859	0.7714	0.4678
fbis-wc	0.6382	0.0426	0.5940	0.5918	0.4018
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.7647	0.2353	0.7624	0.5248	0.7286
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8830	0.8376	0.0812
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.7308	0.1346	0.7234	0.6282	0.3221
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.8125	0.1250	0.7955	0.7019	0.3546
gender	0.5789	0.2807	0.4193	0.1446	0.7048
gene	0.9243	0.0505	0.9168	0.8788	0.2318
german	0.5700	0.4300	0.4976	-0.0047	0.9661
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9568	0.0432	0.9568	0.9135	0.2373
gisette	0.9643	0.0357	0.9644	0.9286	0.2035
glass	0.3810	0.2063	0.4184	0.1361	0.5205
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8333	0.1667	0.8276	0.6543	0.6006
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.5431	0.3636	0.4917
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.0898	0.2601	0.0235	0.0000	0.3024
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hayes-roth	0.6875	0.2083	0.7259	0.5181	0.3776
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.6800	0.1600	0.2427	0.0193	0.5534
heart	0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack	0.7097	0.2903	0.7275	0.4318	0.7406
heart-c	0.8000	0.2000	0.7991	0.5982	0.6654
heart-failure	0.9640	0.0360	0.9580	0.9153	0.2045
heart-quantum	0.6800	0.3200	0.7083	0.3846	0.7488
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1585	0.1358	0.2709
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.7500	0.2500	0.7490	0.4980	0.7508
hiv1-proteasa	0.9056	0.0944	0.8246	0.6464	0.5227
hiva	0.9598	0.0402	0.5663	0.0917	0.5201
horse	0.5278	0.3148	0.3611	0.1453	0.5687
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.7439	0.2561	0.5059	0.0117	0.7709
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9788	0.0212	0.9338	0.8658	0.2186
hypothyroid	0.8753	0.0623	0.4439	0.4335	0.6095
hypothyroidT	0.9814	0.0186	0.9337	0.8672	0.2663
ilpd	0.6780	0.3220	0.5866	0.1715	0.8815
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8007	0.1993	0.6159	0.2065	0.7447
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.8531	0.1469	0.6840	0.3558	0.6833
kc1-class-level-defectiveornot	0.6667	0.3333	0.6822	0.1935	0.4786
kc1-class-level-numericdefect	0.6923	0.1231	0.3778	0.3810	0.2705
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.5858	0.1675	0.8277
kdc-4007	0.8653	0.0385	0.8669	0.8428	0.2173
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.8032	0.0656	0.7757	0.7500	0.3041
la2s-wc	0.7318	0.0894	0.7311	0.6661	0.4080
labor	0.6667	0.3333	0.7500	0.4000	0.5283
leaf	0.5294	0.0409	0.5289	0.5064	0.1427
led24	0.6000	0.0800	0.5887	0.5493	0.1806

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.9110	0.8809	0.0491
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.5588	0.4412	0.5301	0.0590	0.9271
loan	0.8923	0.1077	0.8845	0.7684	0.4610
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.7358	0.0755	0.6178	0.6373	0.2517
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.5556	0.4444	0.5500	0.1000	0.9644
lymphography	0.5714	0.2857	0.3942	0.2000	0.4973
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.8723	0.1277	0.8699	0.7390	0.5128
madelon	0.5654	0.4346	0.5663	0.1308	0.9507
magic04	0.8622	0.1378	0.8460	0.6867	0.5265
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8021	0.1979	0.8011	0.6021	0.6610
marketing	0.8839	0.1161	0.7748	0.5493	0.6269
maternal	0.7921	0.1386	0.7977	0.6848	0.4113
math	0.7250	0.1375	0.7081	0.5674	0.3639
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2267	0.3093	0.2275	0.0332	0.8585
messidor	0.6696	0.3304	0.6624	0.3246	0.8615
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.4809	0.4425	0.4215
meter-D	0.9444	0.0278	0.9571	0.9227	0.0673
mfeat-fac	0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-fou	0.8550	0.0290	0.8558	0.8389	0.1077
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7050	0.0590	0.7096	0.6722	0.1944
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8150	0.0370	0.8239	0.7944	0.1078
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6765	0.1294	0.6661	0.5948	0.3560
mobile	0.5804	0.0150	0.6319	0.5728	0.1983
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9180	0.0820	0.9145	0.8244	0.3918
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	1.0000	0.0000	1.0000	1.0000	0.0000
MUT_ci300400a_cdk_ECFP2	0.8249	0.1751	0.8200	0.6400	0.6217
MUT_ci300400a_cdk_ECFP4	0.8407	0.1593	0.8357	0.6711	0.5870
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ESTATE	0.7650	0.2350	0.7556	0.5083	0.7261
MUT_ci300400a_cdk_EXTENDED	0.8333	0.1667	0.8280	0.6557	0.6028
MUT_ci300400a_cdk_FCFP2	0.8252	0.1749	0.8194	0.6386	0.6201
MUT_ci300400a_cdk_FCFP4	0.8249	0.1751	0.8189	0.6371	0.6185
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.8417	0.1583	0.8370	0.6740	0.5854
MUT_ci300400a_cdk_PUBCHEM	0.8647	0.1353	0.8602	0.7197	0.5280
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.8033	0.1967	0.7974	0.5923	0.6557
myocardial	0.8824	0.0294	0.3013	0.4850	0.1861
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.8571	0.0952	0.7816	0.6111	0.1771
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9648	0.0352	0.9327	0.8649	0.2763
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4306	0.3796	0.3730	0.0732	0.7899
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.8057	0.0555	0.7953	0.7729	0.2294
obs	0.9722	0.0139	0.9800	0.9587	0.0607
occupancy	0.9903	0.0097	0.9866	0.9729	0.1138
Occupancy_Estimation	0.9882	0.0059	0.9649	0.9638	0.0510
oh0-wc	0.7921	0.0416	0.7650	0.7607	0.1952
oh10-wc	0.6571	0.0686	0.6347	0.6104	0.3385
oh15-wc	0.6630	0.0674	0.6339	0.6171	0.3190
oh5-wc	0.7582	0.0484	0.7525	0.7272	0.2313
olive	0.8947	0.0234	0.8772	0.8677	0.1103
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9858	0.0028	0.9867	0.9842	0.0201
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9526	0.0474	0.6144	0.2259	0.6120
ozone8hr	0.8458	0.1542	0.5051	0.0100	0.6697
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8247	0.1753	0.8034	0.6067	0.6400
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8579	0.7143	0.5399
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9634	0.0146	0.6461	0.7824	0.1850
parkinson	0.9333	0.0667	0.9310	0.8620	0.3334
parkinsons	0.7678	0.2322	0.7567	0.5127	0.7309
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9009	0.0991	0.6073	0.2138	0.6764
pcmac	0.4742	0.5258	0.4739	-0.0515	0.9965
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia	0.5000	0.1429	0.5210	0.3941	0.3844
pendigits	0.9936	0.0013	0.9936	0.9929	0.0125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.7464	0.2536	0.7239	0.4450	0.7662
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8150	0.1850	0.7916	0.5832	0.6633
phishing	0.9837	0.0163	0.9829	0.9656	0.1063
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8889	0.1111	0.8638	0.7275	0.5113
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6579	0.3421	0.6381	0.2757	0.8794
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.4737	0.5263	0.4775	-0.0440	1.0000
plrx	0.7222	0.2778	0.6328	0.2623	0.8344
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.6837	0.3532	0.5925
polya	0.7859	0.2141	0.7640	0.5273	0.7081
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.4388	0.3077	0.4154
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6635	0.3235	0.8580
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.3030	0.1072	0.2639	0.2341	0.3702
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7910	0.2090	0.7760	0.5473	0.6914
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc	0.6400	0.0554	0.6252	0.5344	0.3683
re1-wc	0.5181	0.0386	0.4740	0.4515	0.3836
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9718	0.0282	0.9723	0.9430	0.1343
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6647	0.3353	0.6520	0.3040	0.8691
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8274	0.0575	0.8112	0.7881	0.2455
satimageF	0.9891	0.0109	0.9718	0.9435	0.1479

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimageT	0.1011	0.8989	0.0918	0.0000	0.2389
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.6005	0.1765	0.8657
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9481	0.0148	0.9543	0.9393	0.0632
segmentation	0.7871	0.2129	0.7719	0.5431	0.7034
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9225	0.0775	0.6486	0.2930	0.6404
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.7605	0.2395	0.5210	0.0416	0.7633
sens-2-gram	0.7737	0.2263	0.6169	0.2212	0.7144
sens-3-gram	0.8132	0.1868	0.5806	0.1611	0.7625
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8316	0.1684	0.5762	0.1473	0.7577
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6	0.6000	0.4000	0.6000	0.2000	0.9288
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.7200	0.2800	0.7205	0.4382	0.7874
smart-farming	0.1600	0.4200	0.1542	-0.1194	0.8807
smk_can_187	0.7368	0.2632	0.7360	0.4693	0.7643
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2167	0.3133	0.2169	0.0212	0.8678
solar-flare	0.6619	0.1127	0.5918	0.5740	0.4023
sonar	0.7000	0.3000	0.7185	0.4000	0.7215
soybean	0.8529	0.0155	0.8974	0.8383	0.0852
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8978	0.1022	0.8931	0.7861	0.4477
spect	0.6667	0.3333	0.5950	0.1818	0.8134
spectf	0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer	0.0577	0.0698	0.0798	0.0066	0.3625
splice-EI	0.9779	0.0221	0.9709	0.9417	0.1787
splice-IE	0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles	0.7300	0.2700	0.6975	0.3680	0.7445
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.2857	0.2308	0.1805
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8256	0.1744	0.7470	0.4931	0.6955
steel-d	0.9949	0.0051	0.9553	0.9065	0.0226
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.8256	0.1744	0.8048	0.6081	0.6309
steel-p	0.8974	0.1026	0.6395	0.2780	0.6749
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9333	0.0667	0.8336	0.6608	0.5465
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8889	0.1111	0.8068	0.6129	0.5758
stockb	0.9692	0.0206	0.9697	0.9537	0.0884

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
streaming	0.8740	0.1260	0.8724	0.7445	0.5028
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.2400	0.3040	0.1784	-0.0840	0.8163
student-weekend	0.3538	0.2585	0.2686	0.1205	0.6960
student-workday	0.5625	0.1750	0.1951	0.0852	0.5743
studentap	0.3846	0.4103	0.3833	0.0545	0.7688
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6667	0.2222	0.6735	0.5000	0.4558
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9964	0.0007	0.9964	0.9960	0.0059
theorem	0.9967	0.0033	0.9966	0.9933	0.0238
thoracic	0.7660	0.2340	0.5644	0.1282	0.7808
thrombin	0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7985	0.2015	0.6905	0.3268	0.6422
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.4118	0.5882	0.3561	-0.2879	1.0000
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc	0.8293	0.0379	0.7555	0.7901	0.1732
trec12-wc	0.7419	0.0645	0.7811	0.6833	0.2098
trec21-wc	0.8485	0.0606	0.5322	0.6939	0.2013
trec23-wc	0.8095	0.0635	0.8757	0.7255	0.1247
trec31-wc	0.8172	0.0609	0.7713	0.7579	0.2833
trec41-wc	0.6932	0.0614	0.6463	0.6348	0.2895
trec45-wc	0.6087	0.0783	0.5490	0.5462	0.3401
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.8500	0.0750	0.8521	0.8000	0.1546
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8615	0.1385	0.8621	0.7151	0.5225
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9633	0.0367	0.7151	0.4300	0.5783
ur3_cobotops_stop	0.9646	0.0354	0.7411	0.4817	0.5540
urban	0.7910	0.0464	0.7851	0.7561	0.1699
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.6905	0.1548	0.6943	0.5910	0.3215
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5354	0.0845	0.6060	0.4889	0.2337
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7885	0.0212	0.6694	0.7625	0.1351
warpar10p	0.8462	0.0308	0.7467	0.8267	0.0390
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2733	0.3633	0.2710	0.0304	0.8479
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8815	0.0790	0.8576	0.7910	0.3652
Weekly	0.8889	0.1111	0.8882	0.7759	0.4652
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9900	0.0050	0.9901	0.9867	0.0254
wilt	0.9814	0.0186	0.9174	0.8267	0.4154
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5660	0.1447	0.3174	0.3318	0.6153
winequality-white	0.5051	0.1414	0.2786	0.2956	0.7051
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.8947	0.1053	0.8871	0.7645	0.3964
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.3243	0.1351	0.2268	0.1669	0.7139
yeastCYT-POX	0.9184	0.0816	0.6619	0.2950	0.5709
yeastEXC	0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1	0.9459	0.0541	0.7346	0.4056	0.5289
yeastME2	0.9392	0.0608	0.4843	-0.0215	0.6129
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 354: Detailed results for LSSVMRBF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1470	0.0812	0.1069	0.0583	0.5322
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4000	0.6000	0.4000	-0.2000	1.0000
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8685	0.1315	0.8098	0.5965	0.5015
air_pollution	0.3967	0.1724	0.0813	-0.0099	0.4250
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7524	0.0990	0.4157	0.3790	0.2519
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8558	0.1442	0.8395	0.6758	0.5525
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9291	0.0355	0.6556	0.8627	0.1803
anuran-genus	0.9652	0.0087	0.7849	0.9422	0.0998
anuran-species	0.9611	0.0078	0.8351	0.9455	0.0632
anxiety	0.0917	0.2019	0.0838	-0.0232	0.8430
apple-quality	0.8600	0.1400	0.8607	0.7200	0.5318
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6500	0.3500	0.6436	0.2857	0.8745
arrhythmia	0.7333	0.0533	0.4209	0.5140	0.1657

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9216	0.0784	0.8004	0.5421	0.3256
audiology	0.9091	0.0165	0.8707	0.8919	0.0425
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9310	0.0690	0.9310	0.8619	0.3353
autos	0.7500	0.1000	0.7393	0.6622	0.2018
avila	0.6608	0.0565	0.5909	0.5193	0.2978
babies	0.4435	0.1590	0.1720	0.1328	0.5221
balance	0.9194	0.0538	0.6337	0.8483	0.1304
bank	0.9048	0.0952	0.7170	0.4040	0.5611
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8894	0.1106	0.8810	0.7480	0.3908
basehock	0.6583	0.3417	0.6583	0.3165	0.8709
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8688	0.6981	0.0185
biodeg	0.8571	0.1429	0.8479	0.6957	0.5561
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.6254	0.1873	0.6172	0.5005	0.4957
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5738	0.0968	0.7455
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.7407	0.7800	0.0723
bridges	0.8000	0.0667	0.8000	0.7143	0.1503
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4820	0.3453	0.2715	-0.0176	0.4344
car	0.9195	0.0402	0.8030	0.8262	0.2294
card	0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography	0.7934	0.0413	0.7485	0.7486	0.1787
cardiotocography-nsp	0.9061	0.0626	0.8250	0.7206	0.2588
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9797	0.0135	0.9800	0.9695	0.0686
cars	0.7000	0.2000	0.6285	0.4637	0.4881
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.6062	0.3938	0.6007	0.1996	0.9220
cas_N6512_RDkit_AtomPair_FP	0.6856	0.3144	0.6826	0.3646	0.8398
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.6969	0.3031	0.6968	0.3930	0.8232
cas_N6512_rdkit_FEATMORGAN	0.6667	0.3333	0.6625	0.3215	0.8566
cas_N6512_RDkit_Featmorgan_FP	0.5828	0.4172	0.5740	0.1358	0.9120
cas_N6512_RDkit_FP	0.6503	0.3497	0.6506	0.3004	0.8766
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7051	0.2949	0.7044	0.4085	0.8137
cas_N6512_RDkit_MACCS_FP	0.7439	0.2561	0.7451	0.4882	0.7542
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.6600	0.3400	0.6641	0.3242	0.8560
cas_N6512_RDkit_pattern_FP	0.6365	0.3635	0.6374	0.2737	0.8898
cas_N6512_rdkit_RDKITFP	0.6866	0.3134	0.6855	0.3709	0.8381
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6580	0.3420	0.5746	0.0998	0.7771
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9669	0.0331	0.7642	0.3892	0.0999
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8520	0.1480	0.7420	0.4402	0.5581
churn-bigml	0.8689	0.1311	0.6932	0.1633	0.2716
ci900367j_MACCS	0.6947	0.3053	0.6679	0.3334	0.8390
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.8095	0.1270	0.5516	0.6129	0.3242
cjs	0.7679	0.0774	0.7971	0.7121	0.1936
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7815	0.1093	0.5287	0.6400	0.2685
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.7500	0.1667	0.8028	0.6000	0.3320
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5578	0.2948	0.5336	0.2963	0.6927
cnae-9	0.9167	0.0185	0.9170	0.9062	0.0842
codon_usage	0.8596	0.0255	0.6215	0.8274	0.1592
coil20	0.9931	0.0007	0.9938	0.9927	0.0052
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.6600	0.0453	0.5963	0.6205	0.1773
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.8710	0.1290	0.8634	0.7195	0.5250
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7668	0.2332	0.7681	0.5340	0.7164
coupon	0.6861	0.3139	0.6768	0.3522	0.8411
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9389	0.0611	0.8597	0.7043	0.3476

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9545	0.0455	0.7956	0.5526	0.3552
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9979	0.0021	0.4995	-0.0006	0.4397
crowdsourced	0.9161	0.0280	0.8086	0.8204	0.1536
cryotherapy	0.4444	0.5556	0.3077	0.0000	0.5302
cultivars	0.5000	0.0250	0.3661	0.4859	0.0600
cybersecurity	0.1400	0.2867	0.1384	-0.0344	0.8988
cyclopentane	0.7778	0.2222	0.7818	0.5574	0.6874
cylinder-bands	0.6481	0.3519	0.6350	0.2682	0.8851
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8087	0.1913	0.6727	0.2822	0.6315
defect	0.8920	0.1080	0.7733	0.4718	0.3788
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8976	0.1024	0.7013	0.3681	0.5745
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.4375	0.3750	0.3447	0.1000	0.4430
DIA	0.8000	0.2000	0.7183	0.2727	0.3632
diabetes	0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.6078	0.2614	0.3923	0.2114	0.4378
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9667	0.0167	0.9499	0.9537	0.0357
diamonds_all	0.6429	0.1428	0.5627	0.4730	0.3806
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.6250	0.3750	0.5966	0.1692	0.8621
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5350	0.4650	0.5264	0.0493	0.9598
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7743	0.1505	0.6831	0.6114	0.4083
drug-01	0.4202	0.1657	0.1645	0.0940	0.4793
drug-02	0.5266	0.1353	0.2123	0.1684	0.5613
drug-03	0.6915	0.0881	0.1839	0.1053	0.3215
drug-04	0.5319	0.1337	0.2321	0.1532	0.6165
drug-05	0.7287	0.0775	0.1204	-0.0081	0.2227
drug-06	0.4309	0.1626	0.2503	0.2726	0.5025
drug-07	0.4681	0.1520	0.1464	0.1106	0.4230
drug-08	0.5851	0.1185	0.2252	0.1764	0.3728
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5479	0.1292	0.1867	0.1287	0.4296
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5957	0.1155	0.1654	0.2093	0.4129
drug-14	0.5904	0.1170	0.2448	0.2591	0.4644
drug-15	0.7553	0.0699	0.1537	0.0370	0.2710
drug-16	0.5904	0.1170	0.2559	0.3077	0.4498

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-17	0.3617	0.1824	0.2143	0.1235	0.5775
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9236	0.0218	0.9383	0.9076	0.1214
ecoli	0.8824	0.0392	0.7287	0.8369	0.1242
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2622	0.0139	0.8339
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5995	0.4005	0.5871	0.1655	0.9132
eeg10%	0.4095	0.0738	0.3921	0.3420	0.5208
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5342	0.1863	0.4837	0.3890	0.5001
euthyroid	0.9177	0.0823	0.7231	0.2575	0.1971
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4950	0.5050	0.4944	-0.0111	1.0000
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.4350	0.0665	0.1883	0.3275	0.3778
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8235	0.1765	0.8250	0.6366	0.5710
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9423	0.0288	0.9319	0.9203	0.0754
gas	0.9827	0.0058	0.9827	0.9791	0.0409
gastrointestinal	0.7500	0.1667	0.7389	0.5949	0.4706
gender	0.5853	0.2765	0.3539	0.0715	0.5027
gene	0.8991	0.0673	0.8857	0.8373	0.2727
german	0.6300	0.3700	0.5090	0.0107	0.8287
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
glass	0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8929	0.1071	0.8949	0.7840	0.4385
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.4667	0.2667	0.4921	0.2771	0.4515
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.7762	0.0895	0.7713	0.7158	0.3555
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7907	0.0598	0.4611	0.6753	0.2081
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.6471	0.3529	0.6550	0.3014	0.8522
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.9032	0.0968	0.9038	0.8058	0.4189
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.8540	0.1460	0.8254	0.6458	0.5641
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.2308	0.7692	0.1875	0.0000	0.4238
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6527	0.3473	0.6499	0.2980	0.8749
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1765	0.1304	0.2876
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8381	0.1619	0.6512	0.0910	0.3714
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6667	0.2222	0.6300	0.4232	0.5823
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.6411	0.2393	0.6452	0.4583	0.5976
htru2	0.9777	0.0223	0.9296	0.8528	0.1553
hypothyroid	0.9363	0.0318	0.5519	0.4803	0.2148
hypothyroidT	0.9337	0.0663	0.7163	0.2280	0.1682
ilpd	0.6610	0.3390	0.4990	-0.0017	0.8940
immuno-therapy	0.2222	0.7778	0.1818	0.0000	0.4150
instagram	0.9440	0.0280	0.9457	0.9253	0.1054
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8099	0.1901	0.6102	0.1476	0.6389
jvowels	0.9789	0.0047	0.9784	0.9761	0.0340
kc1	0.8720	0.1280	0.7092	0.3454	0.5134
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6154	0.1538	0.1524	-0.0833	0.3861
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.8159	0.1227	0.7538	0.6929	0.2717
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.4881	0.0569	0.4249	0.4243	0.4332
krvskp	0.9342	0.0658	0.9341	0.8681	0.3247
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.7647	0.0205	0.7450	0.7527	0.0537
led24	0.6500	0.0778	0.6905	0.6000	0.1946
lenses	0.3333	0.4444	0.1667	0.0000	0.4167

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
letter	0.8820	0.0091	0.8835	0.8772	0.1272
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.9167	0.0111	0.9277	0.9106	0.0365
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7353	0.2647	0.7051	0.4093	0.7890
loan	0.9274	0.0726	0.9224	0.8430	0.3355
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8868	0.0323	0.6505	0.8434	0.0694
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9255	0.0745	0.9231	0.8460	0.3552
madelon	0.6000	0.4000	0.6000	0.2000	0.9287
magic04	0.7849	0.2152	0.7561	0.5051	0.6979
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8021	0.1979	0.8016	0.6031	0.6609
marketing	0.8661	0.1339	0.6638	0.2376	0.5320
maternal	0.6832	0.2112	0.7001	0.5138	0.4838
math	0.7500	0.1250	0.7161	0.6067	0.3567
mba	0.8339	0.1108	0.3403	0.0045	0.2660
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2300	0.3080	0.2306	0.0369	0.8591
messidor	0.6783	0.3217	0.6752	0.3499	0.8475
meter-A	0.3750	0.6250	0.2727	0.0000	0.5170
meter-B	0.2222	0.5185	0.1212	0.0000	0.4199
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac	0.9850	0.0030	0.9856	0.9833	0.0163
mfeat-fou	0.8050	0.0390	0.8021	0.7833	0.1742
mfeat-kar	0.9750	0.0050	0.9760	0.9722	0.0312
mfeat-mor	0.7150	0.0570	0.7200	0.6833	0.1867
mfeat-pix	0.9800	0.0040	0.9811	0.9778	0.0225
mfeat-zer	0.8550	0.0290	0.8568	0.8389	0.0697
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9528	0.0314	0.9503	0.9282	0.0935
mines	0.5294	0.1882	0.5220	0.4119	0.4110
mobile	0.8462	0.0055	0.8454	0.8433	0.0692
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.8197	0.1803	0.7982	0.5960	0.6483
monks-3	0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4861	0.0934	0.4816	0.3756	0.5316
musk	0.9076	0.0924	0.8037	0.5464	0.3282
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ESTATE	0.7146	0.2854	0.7084	0.4165	0.8047
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.7086	0.2914	0.7008	0.4016	0.8143
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.6838	0.3162	0.6765	0.3528	0.8439
MUT_ci300400a_rdkit_descriptors	0.6955	0.3045	0.6859	0.3709	0.8308
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.7770	0.2230	0.7966	0.5544	0.5782
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8712	0.0136	0.2573	0.6204	0.2073
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6322	0.3678	0.6288	0.2560	0.8970
NHANES_age_prediction	0.9824	0.0176	0.9666	0.9309	0.0683
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5139	0.3241	0.3309	0.0183	0.5343
nursery	0.9383	0.0309	0.8265	0.9086	0.0975
obesity	0.7346	0.0758	0.7307	0.6901	0.3147
obs	0.9167	0.0417	0.9399	0.8748	0.1245
occupancy	0.9849	0.0151	0.9791	0.9580	0.1487
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.6832	0.0634	0.6408	0.6279	0.2264
oh10-wc	0.6476	0.0705	0.6230	0.5963	0.3000
oh15-wc	0.5978	0.0804	0.5807	0.5305	0.2918
oh5-wc	0.7473	0.0505	0.7083	0.7125	0.2228
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9644	0.0071	0.9661	0.9604	0.0510
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8351	0.1649	0.8113	0.6066	0.5623
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8695	0.7315	0.4955
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.8650	0.8245	0.1588
parkinson	0.9500	0.0500	0.9483	0.8965	0.2715
parkinsons	0.8152	0.1848	0.8077	0.6140	0.6445
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8669	0.1331	0.8302	0.6576	0.5549
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7716	0.5102	0.5563
pediatric-leukemia	0.5000	0.1429	0.5430	0.3967	0.3206
pendigits	0.9809	0.0038	0.9809	0.9788	0.0323

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.8047	0.1953	0.7880	0.5726	0.6605
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8950	0.1050	0.8793	0.7521	0.4265
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%	0.9992	0.0008	0.9991	0.9983	0.0099
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.6118	0.1109	0.5738	0.5448	0.3736
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.5836	0.1190	0.5621	0.5118	0.3879
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8407	0.1593	0.8003	0.5999	0.6269
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6974	0.3026	0.6719	0.3150	0.7801
pirvision	0.9340	0.0440	0.8295	0.7564	0.1254
placement	0.8000	0.2000	0.7939	0.5876	0.6697
plant-growth	0.5789	0.4211	0.5748	0.1461	0.9386
plrx	0.7222	0.2778	0.5916	0.1509	0.7953
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5122	0.1394	0.1477	0.0459	0.2924
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.6045	0.0775	0.3665
polya	0.7741	0.2259	0.7462	0.4853	0.7162
popularity	0.6462	0.2359	0.3865	0.0945	0.4137
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6624	0.3235	0.8639
prestige	0.3333	0.4444	0.1667	0.0000	0.4024
primary-tumor	0.4242	0.0886	0.3073	0.3509	0.2664
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8209	0.1791	0.8024	0.5282	0.3632
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9354	0.0258	0.9145	0.9129	0.1087
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4950	0.5050	0.4950	-0.0100	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9792	0.0208	0.9356	0.8672	0.1717
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.7410	0.0207	0.4864	0.6976	0.1604
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9857	0.0143	0.9856	0.9711	0.0925

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6357	0.3643	0.6101	0.2140	0.8949
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8647	0.0451	0.8421	0.8326	0.2138
satimageF	0.9907	0.0093	0.9757	0.9513	0.1170
satimageT	0.9347	0.0653	0.7921	0.5401	0.3749
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.5294	0.4706	0.5336	0.0588	0.9318
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9134	0.0247	0.9216	0.8988	0.0919
segmentation	0.8119	0.1881	0.7917	0.5822	0.6578
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-8-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sens-9-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.5972	0.4028	0.5267	0.0319	0.4925
shoppers	0.8832	0.1168	0.7371	0.4097	0.4816
shuttle	0.9745	0.0073	0.6618	0.9251	0.0291
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.5000	0.5000	0.3333	0.0000	0.5283
skin	0.9950	0.0050	0.9925	0.9849	0.0671
skin10%	0.9931	0.0069	0.9895	0.9790	0.0848
smarket	0.9760	0.0240	0.9760	0.9520	0.1504
smart-farming	0.2000	0.4000	0.1933	-0.0695	0.8123
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2033	0.3187	0.2065	0.0026	0.8654
solar-flare	0.7266	0.0911	0.6729	0.6498	0.2524
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection	0.9530	0.0470	0.8523	0.7027	0.4346
spambase	0.8978	0.1022	0.8929	0.7820	0.4197
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.7714	0.2286	0.6898	0.3171	0.6470
spectrometer	0.5385	0.0342	0.4635	0.5106	0.1608
splice-EI	0.9022	0.0978	0.8656	0.7261	0.4486
splice-IE	0.8013	0.1987	0.6847	0.3295	0.6744
sport-articles	0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7942	0.1372	0.7509	0.6654	0.3965
steel-b	0.8154	0.1846	0.6892	0.3645	0.7114
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-o	0.7641	0.2359	0.7285	0.4426	0.7216
steel-p	0.9231	0.0769	0.6576	0.1895	0.4020
steel-s	0.9846	0.0154	0.8934	0.7617	0.0555
steel-z	0.9641	0.0359	0.8957	0.7910	0.3671
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8750	0.1250	0.7609	0.4849	0.5251
stockb	0.9824	0.0117	0.9826	0.9736	0.0527
streaming	0.8640	0.1360	0.8628	0.7255	0.5300
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6100	0.1560	0.3308	0.3580	0.4255
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3600	0.2560	0.1651	-0.0185	0.4725
student-weekend	0.4000	0.2400	0.2716	0.1658	0.6504
student-workday	0.6875	0.1250	0.1645	0.0070	0.3263
studentap	0.6154	0.2564	0.6420	0.3868	0.4512
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7642	0.2358	0.7653	0.5158	0.6882
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.4000	0.4000	0.4727	0.1000	0.6236
telco-churn	0.8920	0.1080	0.8560	0.7008	0.4436
texture	0.9945	0.0010	0.9947	0.9940	0.0086
theorem	0.9935	0.0065	0.9933	0.9865	0.0509
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9684	0.0316	0.9666	0.9309	0.2006
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.8235	0.0882	0.8709	0.7671	0.1047
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.7059	0.2941	0.6670	0.3307	0.8305
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc	0.7073	0.0650	0.5766	0.6273	0.2091
trec12-wc	0.3548	0.1613	0.2016	0.1530	0.4027
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.6190	0.1270	0.3482	0.3978	0.3267
trec31-wc	0.4086	0.1971	0.1549	0.0804	0.4048
trec41-wc	0.7955	0.0409	0.6639	0.7408	0.1664
trec45-wc	0.6087	0.0783	0.6126	0.5260	0.2899
tuandromd	0.9686	0.0314	0.9559	0.9079	0.2737
turkish	0.8750	0.0625	0.8764	0.8333	0.1618
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9000	0.1000	0.8921	0.7786	0.4044
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7910	0.0464	0.7986	0.7535	0.1554
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.8095	0.0952	0.7778	0.7428	0.1781
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.4949	0.0918	0.5401	0.4444	0.2725
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.6543	0.0988	0.6438	0.5944	0.3948
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.4722	0.1508	0.4613	0.3826	0.5273
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2100	0.3950	0.2107	-0.0532	0.8864
waveform	0.8440	0.1040	0.8445	0.7661	0.3577
weather-related	0.9577	0.0077	0.9612	0.9520	0.0581
web-phishing	0.8444	0.1037	0.7232	0.7196	0.4414
Weekly	0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9834	0.0166	0.9055	0.7917	0.0592
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6164	0.1279	0.3116	0.3695	0.3963
winequality-white	0.5481	0.1291	0.2666	0.2766	0.4029
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5338	0.1036	0.3693	0.3978	0.4130
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053
zip	0.0763	0.1847	0.0142	0.0000	0.4069

Table 355: Detailed results for LSTSVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1205	0.0838	0.1107	0.0546	0.7358
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8333	0.1667	0.4977	-0.0046	0.7062
AID_1431_KlekotaRothFingerprinter	0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1431_MACCSFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878	0.6762	0.3238	0.5489	0.0934	0.7940
AID_602330	0.8802	0.1198	0.5142	0.0247	0.5228
AID_652128	0.7273	0.1818	0.2840	-0.0360	0.6005
AID1284Morered	0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red	0.6944	0.3056	0.4891	-0.0206	0.7441
AID1608Morered	0.8641	0.1359	0.5267	0.0526	0.6574
AID1608red	0.8544	0.1456	0.4607	-0.0752	0.5990
AID362red	0.9766	0.0234	0.5774	0.1548	0.5701
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.5714	0.4286	0.6818	0.2222	0.4422
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.7174	0.4318	0.7663
AID644red	0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.8889	0.1111	0.8333	0.6087	0.2605
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7700	0.2300	0.7027	0.4038	0.7617
air_pollution	0.1500	0.2429	0.1093	-0.0299	0.9179
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8762	0.0495	0.6799	0.7375	0.3832
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7674	0.2326	0.7456	0.4912	0.7408
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9917	0.0042	0.9597	0.9841	0.0520
anuran-genus	0.9889	0.0028	0.9616	0.9818	0.0922
anuran-species	0.9847	0.0031	0.9812	0.9788	0.0410
anxiety	0.1250	0.1944	0.1269	0.0157	0.7937
apple-quality	0.8950	0.1050	0.8957	0.7900	0.4391
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7354	0.4681	0.7547
arrhythmia	0.6000	0.0615	0.3054	0.4096	0.3759
auction	0.9461	0.0539	0.8692	0.7261	0.3319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.8182	0.0331	0.7317	0.7859	0.0834
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.8276	0.1724	0.8505	0.6588	0.4125
autos	0.9500	0.0167	0.7933	0.9340	0.0386
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3710	0.1797	0.1759	0.1133	0.7456
balance	0.8226	0.1183	0.5962	0.6894	0.4036
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6498	0.3502	0.6197	0.2395	0.8894
basehock	0.9196	0.0804	0.9197	0.8392	0.3718
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8381	0.1619	0.8407	0.6710	0.5680
biomed	0.8095	0.1905	0.8108	0.5532	0.3876
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.5714	0.4286	0.5458	0.0870	0.8810
breast-cancer-co	0.8182	0.1818	0.8451	0.6452	0.4308
breast-cancer-ma	0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue	0.8182	0.0606	0.8889	0.7800	0.1144
bridges	0.7000	0.0857	0.5046	0.5775	0.0804
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9710	0.0290	0.9681	0.9361	0.1885
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9943	0.0029	0.9958	0.9877	0.0284
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.7826	0.2174	0.7749	0.5474	0.6962
cardiotocography	0.7559	0.0488	0.7325	0.7132	0.3320
cardiotocography-nsp	0.8873	0.0751	0.7858	0.6983	0.3716
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0104
cars	0.6500	0.2333	0.5643	0.3860	0.6120
cas_N6512_cdk_ECFP2	0.7634	0.2366	0.7614	0.5223	0.7289
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.7316	0.2684	0.7291	0.4555	0.7731
cas_N6512_rdkit_AVALON	0.7803	0.2197	0.7790	0.5581	0.7013
cas_N6512_RDkit_Avalon_FP	0.8006	0.1994	0.8001	0.5998	0.6637
cas_N6512_rdkit_descriptors	0.7615	0.2385	0.7595	0.5178	0.7304
cas_N6512_rdkit_FEATMORGAN	0.7803	0.2197	0.7799	0.5594	0.6998
cas_N6512_RDkit_Featmorgan_FP	0.7945	0.2055	0.7931	0.5861	0.6759
cas_N6512_RDkit_FP	0.7515	0.2485	0.7498	0.4997	0.7489
cas_N6512_rdkit_LAYERED	0.7677	0.2323	0.7662	0.5323	0.7228
cas_N6512_RDkit_Layered_FP	0.7408	0.2592	0.7385	0.4762	0.7638
cas_N6512_rdkit_MACCS	0.7911	0.2089	0.7894	0.5771	0.6775
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.7892	0.2108	0.7878	0.5754	0.6854
cas_N6512_RDkit_morgan_FP	0.7975	0.2025	0.7961	0.5921	0.6701

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7708	0.2292	0.7703	0.5402	0.7161
cas_N6512_RDkit_pattern_FP	0.7699	0.2301	0.7688	0.5376	0.7188
cas_N6512_rdkit_RDKITFP	0.7604	0.2396	0.7588	0.5176	0.7348
cas_N6512_rdkit_TORSION	0.7800	0.2200	0.7794	0.5585	0.7007
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.0183	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7668	0.2332	0.7512	0.5008	0.7347
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9302	0.0698	0.6139	0.2158	0.6307
cervical-H	0.9419	0.0581	0.7728	0.5169	0.5762
cervical-S	0.9302	0.0698	0.7711	0.5343	0.5353
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8577	0.1423	0.7507	0.4940	0.6625
ci900367j_MACCS	0.6737	0.3263	0.6635	0.3250	0.8491
circles	0.7230	0.0055	0.7039	0.7202	0.0754
cirrhosis	0.6190	0.2540	0.4235	0.2805	0.7074
cjs	0.9929	0.0024	0.9911	0.9913	0.0136
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.0380	0.4810	0.0183	0.0000	0.3927
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.6933	0.4667	0.4938
cm1	0.8000	0.2000	0.5974	0.1803	0.6689
cmc	0.4694	0.3537	0.4581	0.1896	0.7702
cnae-9	0.9444	0.0123	0.9447	0.9375	0.0605
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.8831	0.1169	0.8606	0.7179	0.5302
collins	0.5200	0.0640	0.4826	0.4723	0.2282
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.7586	0.2414	0.7398	0.4781	0.7496
colposcopies-2	0.5172	0.4828	0.4682	-0.0628	0.9943
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.7586	0.2414	0.6866	0.3715	0.7831
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c	0.6552	0.3448	0.5292	0.0584	0.8870
column-2c	0.8387	0.1613	0.8092	0.5995	0.5508
column-3c	0.7419	0.1720	0.7479	0.6038	0.4741
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.6538	0.3462	0.6539	0.3077	0.8759
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.6667	0.3333	0.6750	0.3415	0.8344
cultivars	0.4688	0.0266	0.3268	0.4527	0.0859
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1667	0.2778	0.1663	-0.0002	0.8846
cyclopentane	0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands	0.7963	0.2037	0.7970	0.5903	0.6643
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8796	0.1204	0.7586	0.5115	0.6127
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8042	0.1958	0.5850	0.1592	0.7761
dermatology	0.9459	0.0180	0.9409	0.9326	0.0579
desharnais	0.5000	0.3333	0.4346	0.0857	0.4283
dexter	0.4833	0.5167	0.3258	-0.0333	0.6886
df_final	0.6250	0.2500	0.4805	0.4000	0.4520
DIA	0.8333	0.1667	0.7778	0.5556	0.6625
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.4818	0.2173	0.7034
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9000	0.0500	0.8704	0.8596	0.1186
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5214	0.4786	0.5179	0.0357	0.9877
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.6185	0.2543	0.5479	0.3724	0.6680
drug-01	0.1755	0.2356	0.1446	-0.0022	0.8776
drug-02	0.2713	0.2082	0.1973	0.0763	0.8431
drug-03	0.3298	0.1915	0.1623	0.0417	0.7108
drug-04	0.3032	0.1991	0.2155	0.1180	0.7926
drug-05	0.3298	0.1915	0.1279	0.0127	0.7230
drug-06	0.2926	0.2021	0.2564	0.1603	0.6966
drug-07	0.1543	0.2416	0.0785	-0.0583	0.9137
drug-08	0.3032	0.1991	0.2148	0.1145	0.8071
drug-09	0.5851	0.1185	0.1693	0.0944	0.6539
drug-10	0.3085	0.1976	0.1495	0.0754	0.8097
drug-11	0.6011	0.1140	0.2134	0.0950	0.7385
drug-12	0.3936	0.1733	0.1416	0.0117	0.7260
drug-13	0.3457	0.1869	0.1443	0.0977	0.8018
drug-14	0.2926	0.2021	0.1932	0.0805	0.8014
drug-15	0.4787	0.1489	0.2130	0.1511	0.7994
drug-16	0.3989	0.1717	0.2645	0.2067	0.7796

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-17	0.1596	0.2401	0.1425	0.0084	0.8646
drug-18	0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19	0.4202	0.1657	0.1529	0.0782	0.7334
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.7059	0.0980	0.5342	0.5904	0.2241
ecoliCP-IM	0.9091	0.0909	0.9018	0.8036	0.4217
ecoliM	0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9091	0.0909	0.4762	-0.0421	0.6863
ecommerce	0.1700	0.4150	0.1703	-0.1059	0.9123
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.8959	0.1041	0.8946	0.7889	0.4431
eeg10%	0.3249	0.0844	0.3343	0.2688	0.7237
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4795	0.2082	0.4599	0.3364	0.5276
euthyroid	0.9715	0.0285	0.9153	0.8266	0.2470
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4975	0.5025	0.4979	-0.0042	0.9999
farm-ads	0.8865	0.1135	0.8859	0.7714	0.4678
fbis-wc	0.6992	0.0354	0.6622	0.6649	0.3533
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.7647	0.2353	0.7624	0.5248	0.7286
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.7692	0.1154	0.7388	0.6832	0.3010
gas	0.9928	0.0024	0.9933	0.9913	0.0178
gastrointestinal	0.8125	0.1250	0.7955	0.7019	0.3546
gender	0.5832	0.2779	0.4366	0.1671	0.7262
gene	0.9243	0.0505	0.9190	0.8792	0.2258
german	0.5700	0.4300	0.4976	-0.0047	0.9661
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9568	0.0432	0.9568	0.9135	0.2373
gisette	0.9643	0.0357	0.9644	0.9286	0.2035
glass	0.7143	0.0952	0.8347	0.6337	0.2502
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8333	0.1667	0.8276	0.6543	0.6006
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.6000	0.2000	0.5892	0.4675	0.3938
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8522	0.0422	0.5998	0.7907	0.2966
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hayes-roth	0.7500	0.1667	0.8075	0.6213	0.2879
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.5800	0.2100	0.2668	0.0437	0.6639
heart	0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack	0.7097	0.2903	0.7275	0.4318	0.7406
heart-c	0.8000	0.2000	0.7991	0.5982	0.6654
heart-failure	0.9640	0.0360	0.9580	0.9153	0.2045
heart-quantum	0.6800	0.3200	0.7083	0.3846	0.7488
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%	0.6282	0.3718	0.6265	0.2529	0.9031
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1389	0.0723	0.3271
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.7500	0.2500	0.7490	0.4980	0.7508
hiv1-proteasa	0.9056	0.0944	0.8246	0.6464	0.5227
hiva	0.9598	0.0402	0.5663	0.0917	0.5201
horse	0.5278	0.3148	0.5800	0.3014	0.5602
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.7439	0.2561	0.5059	0.0117	0.7709
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9793	0.0207	0.9355	0.8690	0.2074
hypothyroid	0.9761	0.0119	0.6600	0.8519	0.0841
hypothyroidT	0.9814	0.0186	0.9337	0.8672	0.2663
ilpd	0.6780	0.3220	0.5866	0.1715	0.8815
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.2619	0.0568	0.1205	0.2323	0.3379
jm1	0.8007	0.1993	0.6159	0.2065	0.7447
jvowels	0.9970	0.0007	0.9965	0.9966	0.0056
kc1	0.8531	0.1469	0.6840	0.3558	0.6833
kc1-class-level-defectiveornot	0.6667	0.3333	0.6822	0.1935	0.4786
kc1-class-level-numericdefect	0.6154	0.1538	0.1778	0.2262	0.2961
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.5858	0.1675	0.8277
kdc-4007	0.8479	0.0435	0.8496	0.8224	0.2410
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.8349	0.0550	0.8027	0.7934	0.2933
la2s-wc	0.7252	0.0916	0.7259	0.6613	0.4026
labor	0.6667	0.3333	0.7500	0.4000	0.5283
leaf	0.6765	0.0281	0.6315	0.6606	0.0867
led24	0.6500	0.0700	0.6294	0.6045	0.1506

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.9444	0.0074	0.9556	0.9404	0.0242
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.5588	0.4412	0.5301	0.0590	0.9271
loan	0.8923	0.1077	0.8845	0.7684	0.4610
lrs	0.8679	0.0377	0.7145	0.8190	0.1411
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.5556	0.4444	0.5500	0.1000	0.9644
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8723	0.1277	0.8699	0.7390	0.5128
madelon	0.5654	0.4346	0.5663	0.1308	0.9507
magic04	0.8611	0.1389	0.8448	0.6847	0.5314
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8021	0.1979	0.8011	0.6021	0.6610
marketing	0.8839	0.1161	0.7748	0.5493	0.6269
maternal	0.7921	0.1386	0.7943	0.6847	0.4212
math	0.7000	0.1500	0.6958	0.5616	0.3992
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2300	0.3080	0.2305	0.0377	0.8537
messidor	0.6696	0.3304	0.6624	0.3246	0.8615
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.6573	0.6856	0.2370
meter-D	1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac	0.9900	0.0020	0.9905	0.9889	0.0100
mfeat-fou	0.8600	0.0280	0.8599	0.8444	0.0996
mfeat-kar	0.9850	0.0030	0.9860	0.9833	0.0186
mfeat-mor	0.7300	0.0540	0.7365	0.7000	0.1874
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8250	0.0350	0.8260	0.8056	0.0922
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6176	0.1529	0.6358	0.5232	0.3342
mobile	0.8392	0.0057	0.8383	0.8362	0.0700
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9180	0.0820	0.9145	0.8244	0.3918
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	1.0000	0.0000	1.0000	1.0000	0.0000
MUT_ci300400a_cdk_ECFP2	0.8249	0.1751	0.8200	0.6400	0.6217
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.8036	0.1964	0.7972	0.5940	0.6629
MUT_ci300400a_cdk_ESTATE	0.4880	0.5120	0.4931	-0.0135	0.9824

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_EXTENDED	0.8321	0.1679	0.8268	0.6534	0.6055
MUT_ci300400a_cdk_FCFP2	0.8252	0.1749	0.8194	0.6386	0.6201
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.8225	0.1775	0.8180	0.6360	0.6265
MUT_ci300400a_cdk_MACCS	0.8417	0.1583	0.8370	0.6740	0.5854
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.8033	0.1967	0.7974	0.5923	0.6557
myocardial	0.8471	0.0382	0.3400	0.4678	0.6212
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.8571	0.0952	0.7471	0.6379	0.1889
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.0105	0.0450	0.0005	0.0000	0.4162
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9648	0.0352	0.9327	0.8649	0.2763
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.3056	0.4630	0.2277	-0.1201	0.8746
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.8815	0.0339	0.8797	0.8616	0.1489
obs	0.9722	0.0139	0.9800	0.9587	0.0607
occupancy	0.9903	0.0097	0.9866	0.9729	0.1138
Occupancy_Estimation	0.9901	0.0049	0.9719	0.9695	0.0206
oh0-wc	0.8515	0.0297	0.8353	0.8306	0.1520
oh10-wc	0.6571	0.0686	0.6413	0.6128	0.3317
oh15-wc	0.6413	0.0717	0.6107	0.5964	0.3502
oh5-wc	0.8242	0.0352	0.8228	0.8023	0.1770
olive	0.9298	0.0156	0.9363	0.9113	0.0432
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9875	0.0025	0.9879	0.9862	0.0202
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9526	0.0474	0.6144	0.2259	0.6120
ozone8hr	0.8458	0.1542	0.5051	0.0100	0.6697
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8247	0.1753	0.8034	0.6067	0.6400
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8579	0.7143	0.5399
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9671	0.0132	0.7624	0.8148	0.2140
parkinson	0.9333	0.0667	0.9310	0.8620	0.3334
parkinsons	0.7678	0.2322	0.7567	0.5127	0.7309
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9009	0.0991	0.6073	0.2138	0.6764
pcmac	0.4742	0.5258	0.4739	-0.0515	0.9965
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia	0.4706	0.1513	0.5196	0.3658	0.3225
pendigits	0.9927	0.0015	0.9927	0.9919	0.0143
period	0.7778	0.2222	0.7500	0.5000	0.7296

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.7464	0.2536	0.7239	0.4450	0.7662
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8150	0.1850	0.7916	0.5832	0.6633
phishing	0.9837	0.0163	0.9829	0.9656	0.1063
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1371	0.2465	0.0345	0.0000	0.4035
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8889	0.1111	0.8638	0.7275	0.5113
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6579	0.3421	0.6381	0.2757	0.8794
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.4737	0.5263	0.4775	-0.0440	1.0000
plrx	0.7222	0.2778	0.6328	0.2623	0.8344
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.3551	0.1843	0.2273	0.0559	0.9081
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9343	0.0657	0.5000	0.0000	0.6446
polish-4th	0.9204	0.0796	0.5278	0.0533	0.6654
polish-5th	0.9306	0.0694	0.6837	0.3532	0.5925
polya	0.7859	0.2141	0.7640	0.5273	0.7081
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.4444	0.3704	0.3763	0.1667	0.3614
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6635	0.3235	0.8580
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.3333	0.1026	0.3721	0.2740	0.3386
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7910	0.2090	0.7760	0.5473	0.6914
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc	0.6133	0.0595	0.6119	0.5382	0.5403
re1-wc	0.5723	0.0342	0.5776	0.5375	0.4293
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9718	0.0282	0.9723	0.9430	0.1343
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6633	0.3367	0.6507	0.3013	0.8706
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8989	0.0337	0.8834	0.8754	0.1689
satimageF	0.9891	0.0109	0.9718	0.9435	0.1479
satimageT	0.9362	0.0638	0.8210	0.6418	0.5186

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
scadi	0.8571	0.0571	0.7467	0.8056	0.0503
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.6005	0.1765	0.8657
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9437	0.0161	0.9484	0.9342	0.0767
segmentation	0.7871	0.2129	0.7719	0.5431	0.7034
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9225	0.0775	0.6486	0.2930	0.6404
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.7605	0.2395	0.5210	0.0416	0.7633
sens-2-gram	0.7737	0.2263	0.6169	0.2212	0.7144
sens-3-gram	0.8132	0.1868	0.5806	0.1611	0.7625
sens-4-gram	0.7921	0.2079	0.5980	0.1930	0.7426
sens-5-gram	0.8316	0.1684	0.5762	0.1473	0.7577
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6	0.6000	0.4000	0.6000	0.2000	0.9288
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.4673	0.5327	0.4693	-0.0479	0.7649
smarket	0.7200	0.2800	0.7205	0.4382	0.7874
smart-farming	0.1600	0.4200	0.1547	-0.1194	0.8800
smk_can_187	0.7368	0.2632	0.7360	0.4693	0.7643
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.2074	0.0089	0.8718
solar-flare	0.6978	0.1007	0.5656	0.6193	0.2729
sonar	0.7000	0.3000	0.7185	0.4000	0.7215
soybean	0.9412	0.0062	0.9491	0.9357	0.0445
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8978	0.1022	0.8931	0.7861	0.4477
spect	0.6667	0.3333	0.5950	0.1818	0.8134
spectf	0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer	0.5769	0.0313	0.5350	0.5536	0.1301
splice-EI	0.9779	0.0221	0.9709	0.9417	0.1787
splice-IE	0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles	0.7300	0.2700	0.6975	0.3680	0.7445
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8256	0.1744	0.7470	0.4931	0.6955
steel-d	0.9949	0.0051	0.9553	0.9065	0.0226
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.8256	0.1744	0.8048	0.6081	0.6309
steel-p	0.8974	0.1026	0.6395	0.2780	0.6749
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9333	0.0667	0.8336	0.6608	0.5465
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8889	0.1111	0.8068	0.6129	0.5758
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8740	0.1260	0.8724	0.7445	0.5028
stress	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.1900	0.3240	0.1488	-0.0980	0.8942
student-weekend	0.3077	0.2769	0.2530	0.1082	0.7308
student-workday	0.5781	0.1688	0.2167	0.1343	0.7066
studentap	0.3846	0.4103	0.3963	0.0714	0.7496
susy	0.4580	0.5420	0.3141	0.0000	0.5307
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.7333	0.1778	0.7690	0.6000	0.3417
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9964	0.0007	0.9964	0.9960	0.0056
theorem	0.9967	0.0033	0.9966	0.9933	0.0238
thoracic	0.7660	0.2340	0.5644	0.1282	0.7808
thrombin	0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7985	0.2015	0.6905	0.3268	0.6422
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.4118	0.5882	0.3561	-0.2879	1.0000
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc	0.8780	0.0271	0.8760	0.8524	0.1019
trec12-wc	0.8065	0.0484	0.8128	0.7672	0.1630
trec21-wc	0.8485	0.0606	0.7275	0.7273	0.2319
trec23-wc	0.8095	0.0635	0.8676	0.7333	0.1777
trec31-wc	0.8925	0.0358	0.8525	0.8592	0.2093
trec41-wc	0.8182	0.0364	0.7771	0.7809	0.2010
trec45-wc	0.7101	0.0580	0.6581	0.6671	0.2707
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.8500	0.0750	0.8521	0.8000	0.1546
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8615	0.1385	0.8621	0.7151	0.5225
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9633	0.0367	0.7151	0.4300	0.5783
ur3_cobotops_stop	0.9646	0.0354	0.7411	0.4817	0.5540
urban	0.8209	0.0398	0.8364	0.7915	0.1734
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7143	0.1429	0.7001	0.6199	0.2726
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.6566	0.0624	0.6835	0.6222	0.1960
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.8013	0.0199	0.7067	0.7799	0.1689
warpar10p	0.8462	0.0308	0.7467	0.8267	0.0390
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2800	0.3600	0.2779	0.0394	0.8437
waveform	0.8020	0.1320	0.8023	0.7030	0.4275
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8370	0.1086	0.8086	0.7151	0.4228
Weekly	0.8889	0.1111	0.8882	0.7759	0.4652
weight-lift	0.1745	0.3302	0.0594	0.0000	0.4014
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9850	0.0075	0.9852	0.9800	0.0340
wilt	0.9814	0.0186	0.9174	0.8267	0.4154
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5346	0.1551	0.4452	0.3490	0.7327
winequality-white	0.5542	0.1274	0.3363	0.3884	0.7838
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.8947	0.1053	0.8871	0.7645	0.3964
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.4797	0.1041	0.3530	0.3550	0.6625
yeastCYT-POX	0.9184	0.0816	0.6619	0.2950	0.5709
yeastEXC	0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1	0.9459	0.0541	0.7346	0.4056	0.5289
yeastME2	0.9392	0.0608	0.4843	-0.0215	0.6129
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 356: Detailed results for LSTSVM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1831	0.0778	0.1397	0.1047	0.5913
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8333	0.1667	0.4977	-0.0046	0.7062
AID_1431_KlekotaRothFingerprinter	0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1431_MACCSFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878	0.6762	0.3238	0.5489	0.0934	0.7940
AID_602330	0.8802	0.1198	0.5142	0.0247	0.5228
AID_652128	0.8081	0.1279	0.2980	-0.0736	0.6386
AID1284Morered	0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red	0.6944	0.3056	0.4891	-0.0206	0.7441
AID1608Morered	0.8641	0.1359	0.5267	0.0526	0.6574
AID1608red	0.8544	0.1456	0.4607	-0.0752	0.5990
AID362red	0.9766	0.0234	0.5774	0.1548	0.5701
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.5714	0.4286	0.6818	0.2222	0.4422
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.7174	0.4318	0.7663
AID644red	0.8000	0.2000	0.7463	0.4737	0.6644
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.8889	0.1111	0.8333	0.6087	0.2605
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7700	0.2300	0.7027	0.4038	0.7617
air_pollution	0.2400	0.2171	0.1208	-0.0154	0.9098
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8762	0.0495	0.6144	0.7137	0.1750
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7674	0.2326	0.7456	0.4912	0.7408
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9930	0.0035	0.9778	0.9868	0.0195
anuran-genus	0.9903	0.0024	0.9749	0.9840	0.0611
anuran-species	0.9861	0.0028	0.9781	0.9806	0.0214
anxiety	0.0833	0.2037	0.0798	-0.0321	0.8250
apple-quality	0.8950	0.1050	0.8957	0.7900	0.4391
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7354	0.4681	0.7547
arrhythmia	0.6444	0.0547	0.2972	0.3296	0.3430
auction	0.9461	0.0539	0.8692	0.7261	0.3319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.7727	0.0413	0.5863	0.7194	0.1105
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.8276	0.1724	0.8505	0.6588	0.4125
autos	0.9500	0.0167	0.7933	0.9340	0.0386
avila	0.8390	0.0268	0.8599	0.7857	0.2283
babies	0.4032	0.1705	0.1521	0.0962	0.6117
balance	0.9516	0.0323	0.8744	0.9143	0.1596
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6498	0.3502	0.6197	0.2395	0.8894
basehock	0.9196	0.0804	0.9197	0.8392	0.3718
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8381	0.1619	0.8407	0.6710	0.5680
biomed	0.8095	0.1905	0.8108	0.5532	0.3876
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.5714	0.4286	0.5458	0.0870	0.8810
breast-cancer-co	0.8182	0.1818	0.8451	0.6452	0.4308
breast-cancer-ma	0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue	0.7273	0.0909	0.7768	0.6765	0.1559
bridges	0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9710	0.0290	0.9681	0.9361	0.1885
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9770	0.0115	0.9545	0.9512	0.1286
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.7826	0.2174	0.7749	0.5474	0.6962
cardiotocography	0.8263	0.0347	0.8435	0.7919	0.1910
cardiotocography-nsp	0.8873	0.0751	0.8067	0.7027	0.3741
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9949	0.0034	0.9950	0.9924	0.0209
cars	0.7000	0.2000	0.6010	0.4527	0.4898
cas_N6512_cdk_ECFP2	0.7634	0.2366	0.7614	0.5223	0.7289
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.7316	0.2684	0.7291	0.4555	0.7731
cas_N6512_rdkit_AVALON	0.7803	0.2197	0.7790	0.5581	0.7013
cas_N6512_RDkit_Avalon_FP	0.8006	0.1994	0.8001	0.5998	0.6637
cas_N6512_rdkit_descriptors	0.7615	0.2385	0.7595	0.5178	0.7304
cas_N6512_rdkit_FEATMORGAN	0.7803	0.2197	0.7799	0.5594	0.6998
cas_N6512_RDkit_Featmorgan_FP	0.7945	0.2055	0.7931	0.5861	0.6759
cas_N6512_RDkit_FP	0.7515	0.2485	0.7498	0.4997	0.7489
cas_N6512_rdkit_LAYERED	0.7677	0.2323	0.7662	0.5323	0.7228
cas_N6512_RDkit_Layered_FP	0.7408	0.2592	0.7385	0.4762	0.7638
cas_N6512_rdkit_MACCS	0.7911	0.2089	0.7894	0.5771	0.6775
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.7892	0.2108	0.7878	0.5754	0.6854
cas_N6512_RDkit_morgan_FP	0.7975	0.2025	0.7961	0.5921	0.6701

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7708	0.2292	0.7703	0.5402	0.7161
cas_N6512_RDkit_pattern_FP	0.7699	0.2301	0.7688	0.5376	0.7188
cas_N6512_rdkit_RDKITFP	0.7604	0.2396	0.7588	0.5176	0.7348
cas_N6512_rdkit_TORSION	0.7800	0.2200	0.7794	0.5585	0.7007
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7668	0.2332	0.7512	0.5008	0.7347
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9302	0.0698	0.6139	0.2158	0.6307
cervical-H	0.9419	0.0581	0.7728	0.5169	0.5762
cervical-S	0.9302	0.0698	0.7711	0.5343	0.5353
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8577	0.1423	0.7507	0.4940	0.6625
ci900367j_MACCS	0.6737	0.3263	0.6635	0.3250	0.8491
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.6190	0.4065	0.5163
cjs	0.9893	0.0036	0.9864	0.9869	0.0184
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8250	0.0875	0.7132	0.7313	0.3852
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.8000	0.2000	0.5974	0.1803	0.6689
cmc	0.4694	0.3537	0.4565	0.1865	0.7733
cnae-9	0.8981	0.0226	0.9076	0.8854	0.1047
codon_usage	0.9455	0.0099	0.8595	0.9338	0.1220
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.8831	0.1169	0.8606	0.7179	0.5302
collins	0.8600	0.0187	0.7730	0.8457	0.0624
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.7586	0.2414	0.7398	0.4781	0.7496
colposcopies-2	0.5172	0.4828	0.4682	-0.0628	0.9943
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.7586	0.2414	0.6866	0.3715	0.7831
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c	0.6552	0.3448	0.5292	0.0584	0.8870
column-2c	0.8387	0.1613	0.8092	0.5995	0.5508
column-3c	0.7419	0.1720	0.7169	0.5954	0.5148
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.6538	0.3462	0.6539	0.3077	0.8759
coupon	0.4866	0.5134	0.4923	-0.0150	0.9870
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	0.6667	0.3333	0.6750	0.3415	0.8344
cultivars	0.6250	0.0187	0.4737	0.6141	0.0492
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1933	0.2689	0.1892	0.0311	0.8659
cyclopentane	0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands	0.7963	0.2037	0.7970	0.5903	0.6643
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8796	0.1204	0.7586	0.5115	0.6127
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8042	0.1958	0.5850	0.1592	0.7761
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.4869	0.2258	0.4685
dexter	0.4833	0.5167	0.3258	-0.0333	0.6886
df_final	0.6250	0.2500	0.4805	0.4000	0.4520
DIA	0.8333	0.1667	0.7778	0.5556	0.6625
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%	0.5588	0.2941	0.4873	0.2202	0.7156
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5214	0.4786	0.5179	0.0357	0.9877
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.6343	0.2438	0.5469	0.4053	0.6444
drug-01	0.2287	0.2204	0.1145	-0.0472	0.9213
drug-02	0.3670	0.1809	0.1985	0.1301	0.7716
drug-03	0.5160	0.1383	0.1458	0.0411	0.6752
drug-04	0.4043	0.1702	0.2705	0.1629	0.7750
drug-05	0.5585	0.1261	0.1272	0.0041	0.7804
drug-06	0.2553	0.2128	0.2111	0.1022	0.7519
drug-07	0.2979	0.2006	0.1266	-0.0517	0.6631
drug-08	0.4149	0.1672	0.1806	0.0939	0.7080
drug-09	0.7926	0.0593	0.1542	0.1121	0.4953
drug-10	0.4681	0.1520	0.1863	0.1471	0.6990
drug-11	0.7340	0.0760	0.1912	0.1014	0.7080
drug-12	0.6330	0.1049	0.1494	0.0604	0.7698
drug-13	0.5213	0.1368	0.1730	0.2044	0.7716
drug-14	0.4521	0.1565	0.2003	0.1258	0.7560
drug-15	0.6702	0.0942	0.1637	0.1466	0.5723

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.4947	0.1444	0.2603	0.2421	0.6683
drug-17	0.2340	0.2188	0.1736	0.0316	0.8578
drug-18	0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19	0.6330	0.1049	0.1811	0.1228	0.6223
drybean	0.9309	0.0197	0.9427	0.9164	0.1131
ecoli	0.6765	0.1078	0.4806	0.5366	0.2768
ecoliCP-IM	0.9091	0.0909	0.9018	0.8036	0.4217
ecoliM	0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9091	0.0909	0.4762	-0.0421	0.6863
ecommerce	0.1400	0.4300	0.1391	-0.1454	0.9174
eeg	0.5063	0.0617	0.5211	0.4538	0.5917
eeg-eye	0.8959	0.1041	0.8946	0.7889	0.4431
eeg10%	0.3316	0.0835	0.3516	0.2622	0.7070
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6301	0.1479	0.6284	0.5315	0.4203
euthyroid	0.9715	0.0285	0.9153	0.8266	0.2470
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4975	0.5025	0.4979	-0.0042	0.9999
farm-ads	0.8865	0.1135	0.8859	0.7714	0.4678
fbis-wc	0.7073	0.0344	0.6861	0.6693	0.2637
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.7647	0.2353	0.7624	0.5248	0.7286
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.7885	0.1058	0.7504	0.7082	0.2793
gas	0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal	0.8125	0.1250	0.7955	0.7055	0.2670
gender	0.5853	0.2765	0.4190	0.1485	0.7224
gene	0.9338	0.0442	0.9291	0.8944	0.2075
german	0.5700	0.4300	0.4976	-0.0047	0.9661
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.9568	0.0432	0.9568	0.9135	0.2373
gisette	0.9643	0.0357	0.9644	0.9286	0.2035
glass	0.7143	0.0952	0.7077	0.6135	0.2577
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8333	0.1667	0.8276	0.6543	0.6006
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.5431	0.3636	0.5025
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.8885	0.0319	0.5229	0.8351	0.1578
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth1%	0.4493	0.0918	0.0517	0.0000	0.2692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.6600	0.1700	0.2358	-0.0032	0.5049
heart	0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack	0.7097	0.2903	0.7275	0.4318	0.7406
heart-c	0.8000	0.2000	0.7991	0.5982	0.6654
heart-failure	0.9640	0.0360	0.9580	0.9153	0.2045
heart-quantum	0.6800	0.3200	0.7083	0.3846	0.7488
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%	0.6282	0.3718	0.6265	0.2529	0.9031
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2857	0.1786	0.1585	0.1250	0.2666
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.7500	0.2500	0.7490	0.4980	0.7508
hiv1-proteasa	0.9056	0.0944	0.8246	0.6464	0.5227
hiva	0.9598	0.0402	0.5663	0.0917	0.5201
horse	0.6667	0.2222	0.6192	0.4331	0.6248
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.7439	0.2561	0.5059	0.0117	0.7709
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.9793	0.0207	0.9355	0.8690	0.2074
hypothyroid	0.9602	0.0199	0.6285	0.7527	0.1784
hypothyroidT	0.9814	0.0186	0.9337	0.8672	0.2663
ilpd	0.6780	0.3220	0.5866	0.1715	0.8815
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0372	0.0741	0.0028	0.0000	0.4203
jm1	0.8007	0.1993	0.6159	0.2065	0.7447
jvowels	0.9980	0.0004	0.9979	0.9977	0.0033
kc1	0.8531	0.1469	0.6840	0.3558	0.6833
kc1-class-level-defectiveornot	0.6667	0.3333	0.6822	0.1935	0.4786
kc1-class-level-numericdefect	0.6154	0.1538	0.2756	0.2935	0.2627
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.5858	0.1675	0.8277
kdc-4007	0.4938	0.1446	0.3666	0.4065	0.3910
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.7519	0.0276	0.7699	0.7226	0.2522
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.7778	0.0741	0.7371	0.7226	0.3517
la2s-wc	0.7748	0.0751	0.7835	0.7215	0.3387
labor	0.6667	0.3333	0.7500	0.4000	0.5283
leaf	0.7353	0.0230	0.7176	0.7218	0.0738

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.6000	0.0800	0.6095	0.5518	0.1926
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.0380	0.0740	0.0028	0.0000	0.4195
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.9444	0.0074	0.9527	0.9403	0.0250
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.5588	0.4412	0.5301	0.0590	0.9271
loan	0.8923	0.1077	0.8845	0.7684	0.4610
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.7925	0.0593	0.5857	0.7097	0.1848
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.5556	0.4444	0.5500	0.1000	0.9644
lymphography	0.7857	0.1429	0.5617	0.6111	0.2715
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.8723	0.1277	0.8699	0.7390	0.5128
madelon	0.5654	0.4346	0.5663	0.1308	0.9507
magic04	0.8611	0.1389	0.8448	0.6847	0.5314
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8021	0.1979	0.8011	0.6021	0.6610
marketing	0.8839	0.1161	0.7748	0.5493	0.6269
maternal	0.8020	0.1320	0.8079	0.7012	0.4091
math	0.7750	0.1125	0.7809	0.6555	0.3242
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	1.0000	0.0000	1.0000	1.0000	0.0000
mental-health	0.2033	0.3187	0.2058	0.0042	0.8629
messidor	0.6696	0.3304	0.6624	0.3246	0.8615
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9850	0.0030	0.9855	0.9833	0.0188
mfeat-fou	0.8800	0.0240	0.8834	0.8667	0.0994
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7100	0.0580	0.7170	0.6778	0.1918
mfeat-pix	0.9900	0.0020	0.9901	0.9889	0.0126
mfeat-zer	0.8100	0.0380	0.8136	0.7889	0.1038
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.7647	0.0941	0.7573	0.7050	0.2521
mobile	0.8706	0.0046	0.8797	0.8683	0.0581
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9180	0.0820	0.9145	0.8244	0.3918
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	1.0000	0.0000	1.0000	1.0000	0.0000
MUT_ci300400a_cdk_ECFP2	0.8249	0.1751	0.8200	0.6400	0.6217
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP6	0.8036	0.1964	0.7972	0.5940	0.6629
MUT_ci300400a_cdk_ESTATE	0.4880	0.5120	0.4931	-0.0135	0.9824
MUT_ci300400a_cdk_EXTENDED	0.8321	0.1679	0.8268	0.6534	0.6055
MUT_ci300400a_cdk_FCFP2	0.8252	0.1749	0.8194	0.6386	0.6201
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.8225	0.1775	0.8180	0.6360	0.6265
MUT_ci300400a_cdk_MACCS	0.8417	0.1583	0.8370	0.6740	0.5854
MUT_ci300400a_cdk_PUBCHEM	0.8647	0.1353	0.8602	0.7197	0.5280
MUT_ci300400a_cdk_STANDARD	0.8216	0.1784	0.8169	0.6337	0.6287
MUT_ci300400a_rdkit_descriptors	0.8033	0.1967	0.7974	0.5923	0.6557
myocardial	0.8765	0.0309	0.2569	0.3533	0.1063
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.9648	0.0352	0.9327	0.8649	0.2763
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.3889	0.4074	0.3530	0.0377	0.8027
nursery	0.9977	0.0012	0.9982	0.9966	0.0081
obesity	0.9147	0.0244	0.9116	0.9004	0.1016
obs	0.9815	0.0093	0.9867	0.9725	0.0473
occupancy	0.9903	0.0097	0.9866	0.9729	0.1138
Occupancy_Estimation	0.9882	0.0059	0.9634	0.9636	0.0472
oh0-wc	0.7327	0.0535	0.6959	0.6922	0.2617
oh10-wc	0.6381	0.0724	0.6005	0.5852	0.3056
oh15-wc	0.6739	0.0652	0.6645	0.6300	0.3228
oh5-wc	0.7473	0.0505	0.7623	0.7148	0.2200
olive	0.9123	0.0195	0.8929	0.8898	0.0570
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9911	0.0018	0.9915	0.9901	0.0146
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9526	0.0474	0.6144	0.2259	0.6120
ozone8hr	0.8458	0.1542	0.5051	0.0100	0.6697
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8247	0.1753	0.8034	0.6067	0.6400
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8579	0.7143	0.5399
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9634	0.0146	0.7748	0.7716	0.1784
parkinson	0.9333	0.0667	0.9310	0.8620	0.3334
parkinsons	0.7678	0.2322	0.7567	0.5127	0.7309
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7192	0.2808	0.4183	0.0000	0.4269
pasture	0.2500	0.5000	0.1667	-0.2000	0.5820
pc1	0.9009	0.0991	0.6073	0.2138	0.6764
pcmac	0.4742	0.5258	0.4739	-0.0515	0.9965
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia	0.5000	0.1429	0.5430	0.3967	0.3206

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pendigits	0.9927	0.0015	0.9927	0.9919	0.0133
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.7464	0.2536	0.7239	0.4450	0.7662
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.8150	0.1850	0.7916	0.5832	0.6633
phishing	0.9837	0.0163	0.9829	0.9656	0.1063
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.8132	0.0534	0.7996	0.7815	0.2037
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.8205	0.0513	0.8091	0.7898	0.2091
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.8889	0.1111	0.8638	0.7275	0.5113
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6579	0.3421	0.6381	0.2757	0.8794
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.4737	0.5263	0.4775	-0.0440	1.0000
plrx	0.7222	0.2778	0.6328	0.2623	0.8344
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4712	0.1511	0.2501	0.0473	0.6687
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9343	0.0657	0.5000	0.0000	0.6446
polish-4th	0.9204	0.0796	0.5278	0.0533	0.6654
polish-5th	0.9306	0.0694	0.6837	0.3532	0.5925
polya	0.7859	0.2141	0.7640	0.5273	0.7081
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.4388	0.3077	0.4154
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6635	0.3235	0.8580
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4242	0.0886	0.3357	0.3556	0.3045
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7910	0.2090	0.7760	0.5473	0.6914
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc	0.5467	0.0697	0.5574	0.4185	0.4165
re1-wc	0.5602	0.0352	0.4395	0.4972	0.3963
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9718	0.0282	0.9723	0.9430	0.1343
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6633	0.3367	0.6507	0.3013	0.8706
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.9051	0.0316	0.8964	0.8831	0.1651

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimageF	0.9891	0.0109	0.9718	0.9435	0.1479
satimageT	0.9362	0.0638	0.8210	0.6418	0.5186
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.6005	0.1765	0.8657
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9394	0.0173	0.9435	0.9292	0.0822
segmentation	0.7871	0.2129	0.7719	0.5431	0.7034
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9225	0.0775	0.6486	0.2930	0.6404
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.7605	0.2395	0.5210	0.0416	0.7633
sens-2-gram	0.7737	0.2263	0.6169	0.2212	0.7144
sens-3-gram	0.8132	0.1868	0.5806	0.1611	0.7625
sens-4-gram	0.7921	0.2079	0.5980	0.1930	0.7426
sens-5-gram	0.8316	0.1684	0.5762	0.1473	0.7577
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6	0.6000	0.4000	0.6000	0.2000	0.9288
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.4673	0.5327	0.4693	-0.0479	0.7649
smarket	0.7200	0.2800	0.7205	0.4382	0.7874
smart-farming	0.1600	0.4200	0.1638	-0.1242	0.8822
smk_can_187	0.7368	0.2632	0.7360	0.4693	0.7643
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2200	0.3120	0.2190	0.0248	0.8536
solar-flare	0.7770	0.0743	0.7413	0.7140	0.2000
sonar	0.7000	0.3000	0.7185	0.4000	0.7215
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8978	0.1022	0.8931	0.7861	0.4477
spect	0.6667	0.3333	0.5950	0.1818	0.8134
spectf	0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer	0.6538	0.0256	0.5581	0.6341	0.1164
splice-EI	0.9779	0.0221	0.9709	0.9417	0.1787
splice-IE	0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles	0.7300	0.2700	0.6975	0.3680	0.7445
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8256	0.1744	0.7470	0.4931	0.6955
steel-d	0.9949	0.0051	0.9553	0.9065	0.0226
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.8256	0.1744	0.8048	0.6081	0.6309
steel-p	0.8974	0.1026	0.6395	0.2780	0.6749
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9333	0.0667	0.8336	0.6608	0.5465
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8889	0.1111	0.8068	0.6129	0.5758

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8740	0.1260	0.8724	0.7445	0.5028
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.2500	0.3000	0.1966	-0.0438	0.8104
student-weekend	0.3077	0.2769	0.2403	0.0506	0.7186
student-workday	0.6406	0.1437	0.2292	0.1593	0.3817
studentap	0.3077	0.4615	0.3143	-0.0636	0.7989
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	1.0000	0.0000	1.0000	1.0000	0.0000
theorem	0.9967	0.0033	0.9966	0.9933	0.0238
thoracic	0.7660	0.2340	0.5644	0.1282	0.7808
thrombin	0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7985	0.2015	0.6905	0.3268	0.6422
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.4118	0.5882	0.3561	-0.2879	1.0000
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc	0.7317	0.0596	0.6044	0.6727	0.1894
trec12-wc	0.7419	0.0645	0.7779	0.6900	0.2136
trec21-wc	0.9394	0.0242	0.5958	0.8690	0.0368
trec23-wc	0.6190	0.1270	0.4617	0.5088	0.2782
trec31-wc	0.8280	0.0573	0.8008	0.7769	0.2755
trec41-wc	0.7727	0.0455	0.6362	0.7193	0.2244
trec45-wc	0.6087	0.0783	0.6171	0.5497	0.3680
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.8500	0.0750	0.8623	0.8000	0.1728
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.8615	0.1385	0.8621	0.7151	0.5225
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9633	0.0367	0.7151	0.4300	0.5783
ur3_cobotops_stop	0.9646	0.0354	0.7411	0.4817	0.5540
urban	0.8060	0.0431	0.8233	0.7716	0.1549
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7619	0.1190	0.7362	0.6813	0.1957
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.7374	0.0478	0.7953	0.7111	0.1297
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7500	0.0250	0.5457	0.7205	0.1739
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2767	0.3617	0.2746	0.0353	0.8456
waveform	0.8020	0.1320	0.8022	0.7030	0.4264
weather-related	0.9769	0.0042	0.9788	0.9738	0.0316
web-phishing	0.8296	0.1136	0.7755	0.7093	0.4398
Weekly	0.8889	0.1111	0.8882	0.7759	0.4652
weight-lift	0.9975	0.0010	0.9973	0.9968	0.0080
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9850	0.0075	0.9852	0.9800	0.0340
wilt	0.9814	0.0186	0.9174	0.8267	0.4154
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6226	0.1258	0.3052	0.3906	0.5097
winequality-white	0.6115	0.1110	0.3438	0.4198	0.5395
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.8947	0.1053	0.8871	0.7645	0.3964
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5135	0.0973	0.3525	0.3763	0.4520
yeastCYT-POX	0.9184	0.0816	0.6619	0.2950	0.5709
yeastEXC	0.9459	0.0541	0.6689	0.3084	0.5504
yeastME1	0.9459	0.0541	0.7346	0.4056	0.5289
yeastME2	0.9392	0.0608	0.4843	-0.0215	0.6129
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 357: Detailed results for LSVMCW

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1928	0.0769	0.1248	0.0987	0.4454
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9029	0.0971	0.4745	-0.0425	0.6928
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6000	0.4000	0.4724	-0.0526	0.9519
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8498	0.1502	0.7835	0.5584	0.6065
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7238	0.1105	0.3767	0.2128	0.2035
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8512	0.1488	0.8349	0.6684	0.5717
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9541	0.0229	0.9134	0.9112	0.1230
anuran-genus	0.9750	0.0063	0.9433	0.9586	0.0927
anuran-species	0.9778	0.0044	0.9476	0.9691	0.0543
anxiety	0.1083	0.1981	0.0780	-0.0009	0.5731
apple-quality	0.7325	0.2675	0.7343	0.4650	0.7664
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.6889	0.0622	0.5667	0.4706	0.3961

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0600	0.8564	0.7980	0.1029
avila	0.5568	0.0739	0.4061	0.3275	0.2855
babies	0.4355	0.1613	0.1402	0.0970	0.3740
balance	0.9194	0.0538	0.8845	0.8604	0.3020
bank	0.9046	0.0954	0.7193	0.4142	0.5721
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9032	0.0968	0.8950	0.7826	0.3835
basehock	0.9548	0.0452	0.9548	0.9095	0.2468
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.9069	0.8131	0.3595
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6381	0.1810	0.6383	0.5174	0.4903
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7015	0.6765	0.1388
bridges	0.9000	0.0333	0.8192	0.8485	0.0568
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8966	0.0517	0.8641	0.7853	0.2840
card	0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography	0.8498	0.0300	0.8134	0.8190	0.1606
cardiotocography-nsp	0.8967	0.0689	0.8174	0.7108	0.2998
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5479	0.4292	0.4487
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.7308	0.2692	0.7289	0.4577	0.7802
cas_N6512_RDkit_AtomPair_FP	0.7285	0.2715	0.7260	0.4511	0.7817
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.7538	0.2462	0.7526	0.5052	0.7450
cas_N6512_rdkit_FEATMORGAN	0.7435	0.2565	0.7415	0.4829	0.7613
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.7650	0.2350	0.7631	0.5230	0.7193
cas_N6512_RDkit_MACCS_FP	0.7638	0.2362	0.7625	0.5250	0.7291
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7846	0.2154	0.7833	0.5667	0.6938
cas_N6512_RDkit_pattern_FP	0.7684	0.2316	0.7685	0.5362	0.7185
cas_N6512_rdkit_RDKITFP	0.7266	0.2734	0.7256	0.4511	0.7853
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7669	0.5326	0.7109
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8101	0.5343	0.0872
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.8198	0.6337	0.4984
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6947	0.3053	0.6708	0.3408	0.8397
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8046	0.0977	0.5642	0.6932	0.3134
climate	0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4626	0.3583	0.4354	0.1489	0.7667
cnae-9	0.9259	0.0165	0.9290	0.9167	0.0728
codon_usage	0.8833	0.0212	0.7317	0.8579	0.1706
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.8400	0.0213	0.7808	0.8231	0.0762
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.6552	0.3448	0.6415	0.2120	0.7262
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7586	0.2414	0.5904	0.1288	0.7232
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7716	0.2284	0.7717	0.5433	0.7148
coupon	0.6838	0.3162	0.6747	0.3483	0.8445
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.9483	0.0517	0.8841	0.7628	0.3479

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9465	0.0535	0.7562	0.4836	0.4631
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9032	0.0323	0.7908	0.7969	0.2716
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.4688	0.0266	0.3346	0.4544	0.0716
cybersecurity	0.1533	0.2822	0.1099	-0.0276	0.5859
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7037	0.2963	0.7010	0.4008	0.8144
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8611	0.1389	0.7044	0.2071	0.2835
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.3366	0.0303	0.5178
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7000	0.3000	0.6175	0.2340	0.8389
diabetes	0.8462	0.1538	0.8375	0.6750	0.5822
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%	0.5686	0.2876	0.3963	0.0867	0.3816
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9777	0.9771	0.0437
diamonds_all	0.6648	0.1341	0.5531	0.5075	0.3953
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.5845	0.1667	0.9267
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5660	0.4340	0.5624	0.1240	0.9557
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7607	0.1595	0.6775	0.5986	0.4668
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.1951	0.2450	0.4640
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1593	0.1340	0.3539
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6277	0.1064	0.1780	0.2598	0.3210
drug-14	0.5851	0.1185	0.2214	0.1932	0.3956
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5798	0.1201	0.1807	0.2495	0.3184

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-17	0.3723	0.1793	0.2193	0.1233	0.4322
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9302	0.0199	0.9421	0.9156	0.1147
ecoli	0.8824	0.0392	0.7465	0.8359	0.1288
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.1998	-0.0560	0.8409
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.6101	0.3899	0.6103	0.1595	0.7692
eeg10%	0.3926	0.0759	0.3668	0.3255	0.5701
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6575	0.1370	0.6325	0.5538	0.3669
euthyroid	0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.8211	0.0210	0.7854	0.7962	0.1610
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8125	0.0625	0.8486	0.7659	0.1160
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9038	0.0481	0.8748	0.8680	0.1369
gas	0.9921	0.0026	0.9926	0.9904	0.0210
gastrointestinal	0.6250	0.2500	0.5916	0.3846	0.5695
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.9211	0.0526	0.9115	0.8745	0.2226
german	0.7500	0.2500	0.7121	0.3812	0.6824
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.5101	0.4899	0.3378	0.0000	0.5269
glass	0.6667	0.1111	0.6697	0.5227	0.2557
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4000	0.3000	0.3232	0.1667	0.4293
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.7905	0.0838	0.7821	0.7336	0.3408
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.7752	0.0642	0.3989	0.6338	0.1279
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth1%	0.4493	0.0918	0.0517	0.0000	0.2692
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.2500	0.5000	0.3280	-0.1707	0.6471

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hcc-survival	0.7647	0.2353	0.7548	0.4925	0.6907
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.8480	0.1520	0.8236	0.6472	0.5999
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6682	0.3318	0.6675	0.3230	0.8344
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2857	0.1786	0.1522	0.1463	0.2679
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9325	0.0675	0.8780	0.7556	0.4320
hiva	0.9385	0.0615	0.4841	-0.0309	0.6306
horse	0.7500	0.1667	0.7316	0.5449	0.3780
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.9804	0.0196	0.9389	0.8746	0.1719
hypothyroid	0.9735	0.0133	0.6623	0.8304	0.1156
hypothyroidT	0.9788	0.0212	0.9211	0.8289	0.0734
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9520	0.0240	0.9530	0.9360	0.0909
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8108	0.1892	0.6357	0.0431	0.3763
jvowels	0.9518	0.0107	0.9487	0.9454	0.0769
kc1	0.8673	0.1327	0.7118	0.2315	0.2755
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.6154	0.1538	0.3765	0.3500	0.3639
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6081	0.1734	0.7219
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.8797	0.0802	0.8389	0.8011	0.2109
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2895	0.0789	0.2288	0.1885	0.5012
krvskp	0.9436	0.0564	0.9439	0.8871	0.2872
la2s-wc	0.2517	0.2494	0.0670	0.0000	0.3690
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7941	0.0179	0.7960	0.7838	0.0593
led24	0.6000	0.0889	0.6140	0.5442	0.1995
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.8490	0.0116	0.8505	0.8429	0.1562

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.8936	0.8809	0.0290
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.8235	0.1765	0.7914	0.5768	0.6309
loan	0.9274	0.0726	0.9225	0.8449	0.3560
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.0394	0.1746	0.1042	0.0148	0.3928
lrs	0.8868	0.0323	0.6579	0.8418	0.0615
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.7065	0.2703	0.4882
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9149	0.0851	0.9152	0.8273	0.3841
madelon	0.5500	0.4500	0.5503	0.1000	0.9655
magic04	0.7833	0.2167	0.7543	0.5013	0.7008
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8929	0.1071	0.7519	0.4309	0.4261
maternal	0.6337	0.2442	0.6420	0.4358	0.5425
math	0.8500	0.0750	0.8014	0.7670	0.2481
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.7043	0.2957	0.7119	0.4147	0.7881
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.9184	0.8448	0.0948
meter-D	0.7778	0.1111	0.6252	0.6828	0.2443
mfeat-fac	0.9750	0.0050	0.9755	0.9722	0.0293
mfeat-fou	0.8350	0.0330	0.8364	0.8167	0.1586
mfeat-kar	0.9600	0.0080	0.9608	0.9556	0.0507
mfeat-mor	0.7300	0.0540	0.7350	0.7000	0.1918
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-zer	0.8500	0.0300	0.8293	0.8333	0.0892
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9245	0.0503	0.9272	0.8858	0.1701
mines	0.5000	0.2000	0.4355	0.3738	0.4046
mobile	0.8497	0.0054	0.8602	0.8469	0.0704
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
musk	0.9348	0.0652	0.8680	0.6988	0.1763
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.6894	0.3106	0.6865	0.3714	0.8304
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.7554	0.2446	0.7451	0.4853	0.7371
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.7820	0.2180	0.7766	0.5531	0.7027
MUT_ci300400a_rdkit_descriptors	0.7757	0.2243	0.7696	0.5387	0.7123
myocardial	0.8588	0.0353	0.2148	0.1847	0.1143
naticusdroid	0.9591	0.0409	0.9591	0.9182	0.2295
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8793	0.0127	0.2364	0.6136	0.1757
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.3489	0.0400	0.5118
nursery	0.9313	0.0343	0.8894	0.8991	0.1417
obesity	0.9242	0.0217	0.9235	0.9115	0.0996
obs	0.7963	0.1019	0.8403	0.6883	0.2279
occupancy	0.9893	0.0107	0.9853	0.9703	0.1224
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.8020	0.0396	0.7770	0.7722	0.1851
oh10-wc	0.6952	0.0610	0.6716	0.6512	0.2757
oh15-wc	0.6522	0.0696	0.6158	0.6041	0.3357
oh5-wc	0.7802	0.0440	0.7730	0.7510	0.1976
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9804	0.0039	0.9812	0.9782	0.0304
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7577	0.2423	0.7400	0.4776	0.7478
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8413	0.1587	0.8405	0.6806	0.5796
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9744	0.0102	0.8577	0.8448	0.0856
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.7962	0.2038	0.7894	0.5764	0.6772
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.8677	0.1323	0.8428	0.6835	0.5663
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8026	0.1974	0.7415	0.4828	0.7174
pediatric-leukemia	0.7941	0.0588	0.7203	0.7421	0.1519
pendigits	0.9800	0.0040	0.9803	0.9777	0.0324
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
persistency	0.8017	0.1983	0.7861	0.5709	0.6728
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9673	0.0327	0.9657	0.9312	0.1929
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%	0.7113	0.0825	0.6975	0.6616	0.2388
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%	0.7042	0.0845	0.6397	0.6527	0.2333
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7778	0.2222	0.7232	0.4462	0.7484
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9935	0.0044	0.9887	0.9794	0.0550
placement	0.7990	0.2010	0.7942	0.5884	0.6720
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7859	0.2141	0.7616	0.5201	0.7032
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6353	0.2647	0.8828
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5152	0.0746	0.4259	0.4585	0.2038
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8060	0.1940	0.7776	0.5549	0.6811
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8600	0.0560	0.8177	0.8126	0.2086
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc	0.7169	0.0227	0.5729	0.6762	0.2366
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6284	0.3716	0.6001	0.1923	0.8986
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimage	0.8771	0.0410	0.8553	0.8485	0.1887
satimageF	0.9844	0.0156	0.9591	0.9178	0.1662
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8718	0.1282	0.5510	0.0993	0.6436
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9264	0.0210	0.9344	0.9139	0.0802
segmentation	0.8218	0.1782	0.8028	0.6042	0.6372
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-8-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-9-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8808	0.1192	0.7316	0.4157	0.5316
shuttle	0.9841	0.0045	0.8748	0.9555	0.1638
sick	0.9629	0.0371	0.8318	0.6478	0.3649
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9273	0.0727	0.8994	0.7936	0.4426
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1488	-0.1302	0.8237
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7338	0.0887	0.5670	0.6568	0.1784
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9425	0.0575	0.8072	0.6002	0.4456
spambase	0.9174	0.0826	0.9133	0.8249	0.3700
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer	0.7692	0.0171	0.6464	0.7558	0.0758
splice-EI	0.9558	0.0442	0.9443	0.8867	0.3044
splice-IE	0.9117	0.0883	0.8767	0.7532	0.4631
sport-articles	0.8300	0.1700	0.8144	0.6249	0.6065
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7657	0.1562	0.7199	0.6215	0.4534
steel-b	0.8308	0.1692	0.7149	0.4114	0.6677
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.7487	0.2513	0.7118	0.3668	0.6527
steel-p	0.9179	0.0821	0.6618	0.2948	0.5925
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9167	0.0833	0.8521	0.7004	0.4623
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8060	0.1940	0.8040	0.6079	0.6555
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6300	0.1480	0.2788	0.3680	0.3250
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4200	0.2320	0.1948	0.0761	0.4590
student-weekend	0.4000	0.2400	0.2131	0.0914	0.5202
student-workday	0.6875	0.1250	0.1692	0.1036	0.3313
studentap	0.4615	0.3590	0.4553	0.1574	0.6175
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn	0.9020	0.0980	0.8720	0.7431	0.4691
texture	0.9964	0.0007	0.9965	0.9960	0.0053
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.7561	0.0542	0.6308	0.6933	0.2133
trec12-wc	0.9032	0.0242	0.9196	0.8821	0.0667
trec21-wc	0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc	0.6667	0.1111	0.5800	0.5612	0.2880
trec31-wc	0.9570	0.0143	0.9503	0.9430	0.0725
trec41-wc	0.8750	0.0250	0.6988	0.8437	0.1187
trec45-wc	0.7536	0.0493	0.7116	0.7070	0.1888
tuandromd	0.9753	0.0247	0.9613	0.9225	0.1889
turkish	0.8500	0.0750	0.8500	0.8000	0.2121
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.9231	0.0769	0.9184	0.8363	0.3786
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8335	0.7906	0.1334
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7500	0.1250	0.7290	0.6667	0.1601
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5859	0.0753	0.6127	0.5444	0.2166
vowelZ	0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.6843	0.0902	0.6770	0.6309	0.3365
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.6803	0.0913	0.6711	0.6263	0.3196
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2667	0.3667	0.1799	0.0235	0.5657
waveform	0.8480	0.1013	0.8481	0.7720	0.3548
weather-related	0.0635	0.1703	0.0109	0.0000	0.3962
web-phishing	0.8000	0.1333	0.6470	0.6273	0.4145
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9814	0.0186	0.9034	0.8065	0.3702
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5723	0.1426	0.2112	0.2753	0.3287
winequality-white	0.5112	0.1396	0.1661	0.1784	0.3373
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.4865	0.1141	0.3261	0.3404	0.3918
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 358: Detailed results for LT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1751	0.0569	0.1022	0.0955	0.5131
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9384	0.0616	0.6814	0.3608	0.6122
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9238	0.0762	0.8470	0.6934	0.4809
adult	0.8406	0.1594	0.7629	0.5151	0.6314
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8214	0.1786	0.4830	-0.0196	0.6119
AID_1431_KlekotaRothFingerprinter	0.7698	0.2302	0.4702	-0.0542	0.6350
AID_1431_MACCSFingerprinter	0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1878	0.7619	0.2381	0.6262	0.2445	0.7735
AID_602330	0.9271	0.0729	0.4810	-0.0327	0.5874
AID_652128	0.7424	0.1717	0.3487	-0.0075	0.4200
AID1284Morered	0.6806	0.3194	0.5855	0.1492	0.6769
AID1284red	0.6944	0.3056	0.5568	0.0934	0.7034
AID1608Morered	0.7961	0.2039	0.5438	0.0743	0.5586
AID1608red	0.7524	0.2476	0.4549	-0.0607	0.5089
AID362red	0.9790	0.0210	0.5881	0.1729	0.5675
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.8704	0.6818	0.2500
AID439red	0.5714	0.4286	0.3419	-0.1481	0.4472
AID456red	0.9950	0.0050	0.4987	-0.0017	0.2448
AID604	0.9963	0.0037	0.4991	-0.0002	0.1321
AID604AID644_AllRed	0.9989	0.0011	0.4997	-0.0001	0.2060
AID644Morered	0.3250	0.6750	0.2943	-0.3733	0.9432
AID644red	0.7000	0.3000	0.6102	0.2017	0.8194
AID687AID721red	0.9988	0.0012	0.4997	-0.0004	0.1985
AID687red	0.9962	0.0038	0.4991	-0.0010	0.2783
AID688red	0.9901	0.0099	0.4975	-0.0013	0.2329
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.7778	0.2222	0.5580	0.1786	0.5735
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9938	0.0062	0.4984	-0.0003	0.1371
aids	0.9014	0.0986	0.8609	0.7162	0.4540
air_pollution	0.3500	0.1857	0.1219	-0.0121	0.7220
air-booking	0.8496	0.1504	0.5515	0.0109	0.3857
airline	0.9338	0.0662	0.9326	0.8653	0.3288
alcohol	0.7619	0.0952	0.4979	0.4964	0.3098
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9256	0.0744	0.9182	0.8362	0.3657
anneal	0.9607	0.0157	0.9532	0.9192	0.1036
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9270	0.0365	0.7534	0.8641	0.1935
anuran-genus	0.8950	0.0263	0.7235	0.8316	0.2314
anuran-species	0.8757	0.0249	0.7371	0.8259	0.1653
anxiety	0.1167	0.1963	0.1180	0.0046	0.7971
apple-quality	0.8225	0.1775	0.8230	0.6450	0.6168
aps-failure	0.9897	0.0103	0.8331	0.6421	0.2668
arabidopsis	0.9920	0.0080	0.6663	0.0022	0.0321
arabidopsis0.1%	0.9412	0.0588	0.4845	-0.0082	0.0914
arabidopsis1%	0.9938	0.0062	0.7523	0.3978	0.1714
arabidopsis10%	0.9920	0.0080	0.6674	0.0072	0.0320

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.4111	0.0906	0.2043	0.2538	0.4279
auction	0.9583	0.0417	0.9013	0.7976	0.2968
audiology	0.6522	0.0290	0.3079	0.6180	0.0561
audit-risk	0.9936	0.0064	0.9934	0.9865	0.0346
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.9483	0.0517	0.9488	0.8967	0.2168
autos	0.7500	0.0833	0.6324	0.6751	0.1635
avila	0.5149	0.0809	0.3909	0.3817	0.4365
babies	0.4758	0.1498	0.2465	0.1845	0.4247
balance	0.8065	0.1290	0.6882	0.6888	0.2622
bank	0.9094	0.0906	0.7398	0.4612	0.5615
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9090	0.0910	0.9014	0.7957	0.3617
basehock	0.8920	0.1080	0.8920	0.7839	0.4540
bio	0.9955	0.0045	0.8560	0.6680	0.0582
bio10%	0.9959	0.0041	0.8698	0.7253	0.2186
biodeg	0.8762	0.1238	0.8682	0.7362	0.5083
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.8270	0.0119	0.0310	0.0110	0.2164
bitcoin1%	0.8297	0.0117	0.0311	0.0087	0.0356
bitcoin10%	0.8326	0.0115	0.0312	0.0117	0.0479
body-perf	0.6679	0.1660	0.6691	0.5572	0.4606
bookings	0.9899	0.0068	0.7421	0.9785	0.0392
brain-tumor	0.4880	0.5120	0.4880	-0.0240	1.0000
breast-cancer	0.7143	0.2857	0.6019	0.2015	0.8230
breast-cancer-co	0.8182	0.1818	0.8192	0.6271	0.5262
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.6818	0.1061	0.6457	0.6088	0.1823
bridges	0.6000	0.1143	0.4423	0.4808	0.1793
bub10at310k-hg16-17	0.9121	0.0879	0.6426	0.0918	0.3137
bub12at310k-hg16-17	0.9116	0.0880	0.6430	0.0675	0.2818
bub8at310k-hg16-17	0.9116	0.0881	0.6666	0.0519	0.2149
cad	0.9833	0.0167	0.9815	0.9615	0.1118
caesarian	0.5625	0.4375	0.4590	0.0294	0.6969
cancer	0.9928	0.0072	0.9921	0.9839	0.0358
cancer-uae	0.4670	0.3553	0.3130	-0.0045	0.5725
car	0.9138	0.0431	0.7815	0.8197	0.2204
car-insurance	0.8500	0.1500	0.8220	0.6425	0.5884
card	0.7971	0.2029	0.7931	0.5847	0.6649
cardiotocography	0.6667	0.0667	0.5906	0.6041	0.3143
cardiotocography-nsp	0.9131	0.0579	0.8323	0.7387	0.2734
cardiovascular	0.7313	0.2687	0.7317	0.4626	0.7762
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6875	0.2083	0.5635	0.4354	0.4146
cas_N6512_cdk_ECFP2	0.6705	0.3295	0.6669	0.3328	0.8566
cas_N6512_rdkit_ATOMPAIR	0.6392	0.3608	0.6364	0.2727	0.8924
cas_N6512_RDkit_AtomPair_FP	0.6472	0.3528	0.6450	0.2900	0.8839
cas_N6512_rdkit_AVALON	0.7250	0.2750	0.7223	0.4433	0.7860
cas_N6512_RDkit_Avalon_FP	0.6933	0.3067	0.6916	0.3832	0.8305
cas_N6512_rdkit_descriptors	0.7662	0.2338	0.7645	0.5289	0.7253
cas_N6512_rdkit_FEATMORGAN	0.7020	0.2980	0.7001	0.4002	0.8196
cas_N6512_RDkit_Featmorgan_FP	0.7163	0.2837	0.7148	0.4296	0.8003
cas_N6512_RDkit_FP	0.6794	0.3206	0.6773	0.3546	0.8477
cas_N6512_rdkit_LAYERED	0.6838	0.3162	0.6830	0.3658	0.8408
cas_N6512_RDkit_Layered_FP	0.6994	0.3006	0.6968	0.3932	0.8228

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.8003	0.1997	0.7987	0.5960	0.6609
cas_N6512_RDkit_MACCS_FP	0.7929	0.2071	0.7923	0.5843	0.6780
cas_N6512_rdkit_MORGAN	0.6431	0.3569	0.6403	0.2805	0.8885
cas_N6512_RDkit_morgan_FP	0.6580	0.3420	0.6564	0.3127	0.8717
cas_N6512_rdkit_PATTERN	0.7292	0.2708	0.7289	0.4573	0.7800
cas_N6512_RDkit_pattern_FP	0.7270	0.2730	0.7260	0.4518	0.7847
cas_N6512_rdkit_RDKITFP	0.6774	0.3226	0.6741	0.3469	0.8484
cas_N6512_rdkit_TORSION	0.6738	0.3262	0.6721	0.3441	0.8541
ccds1%	0.8901	0.1099	0.4820	-0.0169	0.2515
ccds10%	0.9359	0.0669	0.5648	0.1307	0.5831
cdc_diabetes	0.8488	0.1008	0.4254	0.1996	0.3179
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7927	0.2073	0.7781	0.5548	0.6931
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9752	0.0248	0.8305	0.6136	0.1935
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9453	0.0547	0.5962	0.1558	0.5648
CDS49_AID687_Rdkit-ecfp4-fp	0.9970	0.0030	0.4992	-0.0010	0.4761
census	0.9498	0.0502	0.7429	0.4316	0.4089
census10%	0.9432	0.0568	0.7053	0.3972	0.5623
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9593	0.0407	0.8488	0.6961	0.4856
cervical-C	0.9360	0.0640	0.6336	0.2385	0.5809
cervical-H	0.9651	0.0349	0.8585	0.6912	0.4741
cervical-S	0.9070	0.0930	0.7087	0.4160	0.6331
children-anemia	0.9292	0.0354	0.8837	0.8941	0.1261
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9938	0.0004	0.5049	-0.0001	0.2327
chronic-kidney	0.9217	0.0783	0.6116	0.1148	0.4393
churn	0.8480	0.1520	0.7356	0.4401	0.6006
churn-bigml	0.9438	0.0562	0.8801	0.7510	0.3328
ci900367j_MACCS	0.6579	0.3421	0.6600	0.3131	0.8332
circles	0.3550	0.0129	0.2798	0.3485	0.1468
cirrhosis	0.6190	0.2540	0.5013	0.3227	0.6458
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7454	0.1273	0.5056	0.5804	0.3203
climate	0.9167	0.0833	0.6754	0.3486	0.6400
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9300	0.0700	0.7755	0.4279	0.1768
cmc	0.5000	0.3333	0.5381	0.2653	0.6084
cnae-9	0.6204	0.0844	0.6521	0.5729	0.3153
codon_usage	0.7137	0.0520	0.5612	0.6672	0.3071
coil20	0.8646	0.0135	0.8646	0.8574	0.0802
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	0.8000	0.0267	0.7465	0.7799	0.0963
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.7414	0.2586	0.7143	0.4116	0.7277
colposcopies-2	0.5172	0.4828	0.4874	-0.0253	0.9775
colposcopies-3	0.6552	0.3448	0.6446	0.2892	0.8678
colposcopies-4	0.4828	0.5172	0.4184	-0.1533	0.9144
colposcopies-5	0.8103	0.1897	0.6476	0.2894	0.7483
colposcopies-6	0.6724	0.3276	0.6747	0.3467	0.8408
colposcopies-c	0.6897	0.3103	0.6184	0.2184	0.8002
column-2c	0.9194	0.0806	0.9097	0.8183	0.3991
column-3c	0.7903	0.1398	0.7389	0.6564	0.3073
comedy_comparisons1%	0.5277	0.4723	0.5273	0.0545	0.9818
comedy_comparisons10%	0.5659	0.4341	0.5647	0.1292	0.9568

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7404	0.2596	0.7406	0.4808	0.7623
coupon	0.7212	0.2788	0.7135	0.4258	0.7951
covid19	0.5433	0.1305	0.2190	0.1774	0.3343
covtype	0.6735	0.0933	0.4521	0.4775	0.4239
covtype10%	0.6671	0.0951	0.4615	0.4664	0.4327
covtypeCD	0.9724	0.0276	0.9407	0.8812	0.2544
covtypeT	0.9588	0.0412	0.8295	0.6545	0.4409
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9994	0.0006	0.9005	0.7951	0.2057
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8203	0.0599	0.5543	0.6478	0.3463
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.2500	0.0375	0.1724	0.2296	0.1219
customer-churn	0.9796	0.0204	0.6295	0.0366	0.1310
cybersecurity	0.1733	0.2756	0.1717	0.0073	0.8853
cyclopentane	0.6481	0.3519	0.6499	0.2872	0.8434
cylinder-bands	0.6667	0.3333	0.6600	0.3191	0.8588
darwin	0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dating	0.1000	0.1800	0.0994	-0.0002	0.9283
day1%	0.9810	0.0208	0.9837	0.9455	0.1471
dbworld	0.8571	0.1429	0.8704	0.6818	0.2322
default	0.8272	0.1728	0.7160	0.3996	0.6387
defect	0.9475	0.0525	0.8979	0.7906	0.3196
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9032	0.0968	0.7221	0.4124	0.5533
depressed	0.8252	0.1748	0.5461	0.0382	0.5884
dermatology	0.8108	0.0631	0.8109	0.7605	0.1624
desharnais	0.5625	0.2917	0.4094	0.2205	0.4038
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7667	0.2333	0.7029	0.4043	0.7642
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9585	0.0415	0.8519	0.6642	0.1923
diabetes-risk	0.8932	0.1068	0.8324	0.6635	0.5350
diabetic	0.5319	0.3120	0.4069	0.1536	0.6759
diabetic1%	0.3824	0.4118	0.2932	-0.0364	0.8254
diabetic10%	0.4607	0.3595	0.3607	0.0508	0.7662
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7301	0.1080	0.6743	0.6134	0.3546
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9965	0.0052	0.5157	0.0212	0.2253
dorothea	0.9130	0.0870	0.6741	0.2552	0.4630
dota2	0.6003	0.3997	0.5972	0.1929	0.9267
dota210%	0.5534	0.4466	0.5510	0.1019	0.9664
drebin	0.9774	0.0226	0.9757	0.9515	0.1532
dropout	0.7190	0.1874	0.6431	0.5001	0.4215
drug-01	0.3032	0.1991	0.1607	0.0391	0.5380
drug-02	0.4388	0.1603	0.1747	0.1176	0.5859
drug-03	0.5426	0.1307	0.1699	0.0764	0.3742
drug-04	0.4574	0.1550	0.2028	0.1376	0.5186

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.6090	0.1117	0.1600	0.0157	0.2719
drug-06	0.2793	0.2059	0.2238	0.1398	0.5734
drug-07	0.3856	0.1755	0.1160	-0.0345	0.4124
drug-08	0.4468	0.1581	0.2113	0.1661	0.4567
drug-09	0.7846	0.0616	0.1471	0.0908	0.1544
drug-10	0.3617	0.1824	0.1503	0.0730	0.5290
drug-11	0.7021	0.0851	0.1402	0.0402	0.2175
drug-12	0.6569	0.0980	0.1410	0.0502	0.2335
drug-13	0.4920	0.1451	0.2040	0.2070	0.4585
drug-14	0.4840	0.1474	0.2163	0.1773	0.4978
drug-15	0.5984	0.1147	0.1748	0.0601	0.3309
drug-16	0.5186	0.1375	0.2806	0.2737	0.4597
drug-17	0.3404	0.1885	0.2097	0.0954	0.5627
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6197	0.1087	0.1429	0.0363	0.3770
drybean	0.8556	0.0413	0.8575	0.8269	0.2023
ecoli	0.7500	0.0625	0.3809	0.6507	0.1587
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9545	0.0455	0.9378	0.8668	0.1460
ecoliMU	0.8788	0.1212	0.6813	0.3513	0.6618
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.1600	0.4200	0.1645	-0.1207	0.9049
eeg	0.2944	0.0882	0.2922	0.2264	0.6471
eeg-eye	0.8024	0.1976	0.7997	0.5979	0.6555
eeg10%	0.2606	0.0924	0.2280	0.1892	0.6512
email_phishing	0.9868	0.0132	0.6665	0.0057	0.0481
eucalyptus	0.4795	0.2082	0.4820	0.3463	0.5634
euthyroid	0.9636	0.0364	0.8994	0.7985	0.3960
exon.vs.intron-freq	0.9479	0.0521	0.9478	0.8954	0.2717
exon.vs.intron-freq10%	0.9501	0.0499	0.9500	0.8999	0.2647
fakenews	0.4850	0.5150	0.4850	-0.0300	1.0000
farm-ads	0.8539	0.1461	0.8531	0.7055	0.5431
fbis-wc	0.4126	0.0691	0.3477	0.3526	0.5409
fertility	0.7500	0.2500	0.4243	-0.0882	0.3924
finance	0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk	0.8295	0.0568	0.5353	0.7237	0.2370
fishcatch	0.8125	0.0625	0.8486	0.7659	0.1160
flags	0.4500	0.1375	0.2081	0.2768	0.3593
fonts	0.4668	0.0070	0.1459	0.4331	0.3636
fonts10%	0.2320	0.0100	0.0635	0.2099	0.7112
forest	0.7500	0.1250	0.7325	0.6571	0.3421
gas	0.9421	0.0193	0.9388	0.9298	0.0885
gastrointestinal	0.6562	0.2292	0.5957	0.4319	0.4982
gender	0.5547	0.2968	0.3497	0.0832	0.5330
gene	0.8107	0.1262	0.7973	0.6995	0.3984
german	0.6850	0.3150	0.6352	0.2564	0.8387
gestures	0.6575	0.1712	0.6689	0.5435	0.4835
gina	0.7738	0.2262	0.7737	0.5471	0.7094
gisette	0.9178	0.0712	0.9287	0.8478	0.3436
glass	0.7619	0.0794	0.6405	0.6650	0.2044
glass-g2	0.8125	0.1875	0.8091	0.6129	0.5574
glassBWFP	0.8810	0.1190	0.8750	0.7388	0.4053
glassBWNFP	0.8333	0.1667	0.8209	0.6333	0.5922
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9773	0.0227	0.9241	0.8226	0.2642
glassVWFP	0.9286	0.0714	0.6614	0.2970	0.5807
GlaucomaM	0.7895	0.2105	0.7933	0.5730	0.6420

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.7000	0.1500	0.5903	0.5898	0.1226
glioma-grade	0.8393	0.1607	0.8384	0.6737	0.5773
green	0.6500	0.3500	0.6096	0.2053	0.8407
grub-damage	0.4333	0.2833	0.4552	0.2484	0.5083
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7667	0.2333	0.6882	0.3550	0.7266
hapt	0.9231	0.0128	0.7352	0.9094	0.1286
har	0.9067	0.0373	0.9024	0.8820	0.1822
har70	0.7227	0.0792	0.4642	0.6223	0.2991
har701%	0.7002	0.0857	0.4534	0.5953	0.3073
har7010%	0.7268	0.0781	0.4672	0.6278	0.2980
harth	0.6085	0.0652	0.2751	0.4866	0.3279
harth1%	0.6069	0.0655	0.2698	0.4872	0.3236
harth10%	0.6069	0.0655	0.2738	0.4845	0.3282
hayes-roth	0.6562	0.2292	0.7307	0.4647	0.3138
hcc-survival	0.5588	0.4412	0.5990	0.1688	0.8445
health-activity	0.7500	0.1250	0.2143	-0.0305	0.3328
heart	0.7593	0.2407	0.7577	0.5115	0.7281
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8333	0.1667	0.8350	0.6622	0.5680
heart-failure	0.9100	0.0900	0.8939	0.7809	0.3741
heart-quantum	0.8400	0.1600	0.8333	0.6667	0.5927
hepatitis	0.8000	0.2000	0.7804	0.5139	0.5753
hepmass	0.8513	0.1487	0.8515	0.7025	0.5561
hepmass1%	0.8478	0.1522	0.8482	0.6957	0.5631
hepmass10%	0.8474	0.1526	0.8476	0.6948	0.5650
hERG-121inputs	0.7857	0.2143	0.7996	0.5249	0.4214
hERG-64inputs	0.9286	0.0714	0.9125	0.7941	0.1572
hERG-9inputs	0.9615	0.0385	0.9449	0.8774	0.1046
higgs	0.6987	0.3013	0.6972	0.3943	0.8234
higgs0.1%	0.7005	0.2995	0.6993	0.3986	0.8211
higgs1%	0.6953	0.3047	0.6943	0.3886	0.8275
higgs10%	0.7001	0.2999	0.6991	0.3982	0.8215
higher	0.1071	0.2232	0.0858	-0.0512	0.4421
hinselmann	0.9000	0.1000	0.8824	0.7368	0.4644
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.9064	0.0936	0.8222	0.6367	0.4982
hiva	0.8806	0.1194	0.5491	0.0804	0.4819
horse	0.5833	0.2778	0.5444	0.2730	0.6016
hotel-reservartions	0.8465	0.1535	0.8219	0.6413	0.5873
hr	0.8316	0.1684	0.4540	-0.0541	0.7324
ht-sensor	0.7385	0.1744	0.7486	0.6047	0.4627
ht-sensor10%	0.7240	0.1840	0.7362	0.5821	0.4746
htru2	0.9791	0.0209	0.9345	0.8666	0.2034
hypothyroid	0.9655	0.0172	0.6478	0.7967	0.2001
hypothyroidT	0.9509	0.0491	0.8694	0.7189	0.5106
ilpd	0.6610	0.3390	0.5726	0.1442	0.8926
immuno-therapy	0.6667	0.3333	0.4975	0.0040	0.8647
instagram	0.9640	0.0180	0.9651	0.9520	0.0666
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.4769	0.0402	0.4812	0.4560	0.4241
jm1	0.8081	0.1919	0.5953	0.0984	0.5888
jvowels	0.6802	0.0711	0.6860	0.6375	0.2993
kc1	0.8483	0.1517	0.6600	0.2727	0.6314
kc1-class-level-defectiveornot	0.7333	0.2667	0.7485	0.4699	0.6579

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.4286	0.0476	0.0320	0.1788	0.1361
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7404	0.2596	0.5989	0.1872	0.7982
kdc-4007	0.4077	0.1481	0.3991	0.3484	0.3992
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%	0.8588	0.1332	0.4939	-0.0032	0.5495
kddcup99	0.9987	0.0001	0.4424	0.9977	0.0243
kddcup991%	0.9986	0.0001	0.4664	0.9976	0.0094
kddcup9910%	0.9884	0.0010	0.5221	0.9805	0.1042
kepler	0.8828	0.0781	0.8410	0.8068	0.2149
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9875	0.0125	0.9872	0.9737	0.0799
krkopt	0.2820	0.0798	0.1919	0.2021	0.6166
krvskp	0.9655	0.0345	0.9667	0.9311	0.1690
la1s-wc	0.5952	0.1349	0.5959	0.5041	0.4960
la2s-wc	0.5960	0.1347	0.5906	0.5071	0.4775
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7794	0.0110	0.4570	0.7694	0.0383
led24	0.3000	0.1400	0.2640	0.2223	0.3055
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.4260	0.0442	0.4336	0.4028	0.4700
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.5972	0.0537	0.5960	0.5676	0.1835
linkage	0.9995	0.0005	0.9666	0.9326	0.2011
linkage1%	0.9991	0.0009	0.9418	0.8833	0.2702
linkage10%	0.9996	0.0004	0.9743	0.9481	0.1801
liver	0.7500	0.2500	0.7055	0.4081	0.7750
loan	0.9836	0.0164	0.9825	0.9650	0.1089
localization	0.4198	0.1055	0.2423	0.2947	0.5299
localization10%	0.4020	0.1087	0.2166	0.2704	0.5412
lrs	0.6792	0.0642	0.3261	0.5644	0.2452
lung	0.8810	0.0476	0.7866	0.7712	0.1233
lung_discrete	0.6250	0.1071	0.4221	0.5385	0.1194
lung-cancer	0.5000	0.3333	0.3690	0.2500	0.2964
lung-cancer-harvard1	0.9000	0.0400	0.8125	0.8049	0.1056
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7768	0.5385	0.5814
lymphography	0.7143	0.1429	0.5949	0.5448	0.2424
lymphoma2	0.7778	0.0494	0.5073	0.7273	0.0980
machine-failure	0.8830	0.1170	0.8800	0.7599	0.4864
madelon	0.5231	0.4769	0.5231	0.0462	0.9857
magic04	0.8672	0.1328	0.8521	0.6945	0.4924
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8326	0.6649	0.5972
marketing	0.8929	0.1071	0.7531	0.4666	0.5083
maternal	0.6436	0.2376	0.6605	0.4507	0.5326
math	0.5750	0.2125	0.5215	0.3779	0.4930
mba	0.8306	0.1129	0.3924	0.1258	0.3600
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2100	0.3160	0.2098	0.0117	0.8699
messidor	0.6261	0.3739	0.6247	0.2478	0.8982
meter-A	0.6250	0.3750	0.6766	0.2917	0.6985
meter-B	0.9444	0.0370	0.9553	0.9118	0.0685
meter-C	0.8889	0.0556	0.8033	0.8440	0.0933
meter-D	0.6944	0.1528	0.6554	0.5824	0.2682

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-fac	0.6675	0.0665	0.6588	0.6306	0.3103
mfeat-fou	0.6050	0.0790	0.6085	0.5611	0.3285
mfeat-kar	0.7250	0.0550	0.7241	0.6944	0.2438
mfeat-mor	0.5625	0.0875	0.5513	0.5139	0.2749
mfeat-pix	0.5825	0.0835	0.5834	0.5361	0.3721
mfeat-zer	0.5500	0.0900	0.5583	0.5000	0.3280
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9811	0.0126	0.9789	0.9711	0.0537
mines	0.4265	0.2294	0.4470	0.2835	0.4526
mobile	0.3444	0.0234	0.3580	0.3325	0.3063
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.7295	0.2705	0.6880	0.3689	0.7938
monks-3	0.9732	0.0268	0.9733	0.9463	0.1536
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4878	0.0931	0.5169	0.3834	0.5519
musk	0.9735	0.0265	0.9479	0.8936	0.1822
MUT_ci300400a_cdk_ECFP2	0.7722	0.2278	0.7647	0.5286	0.7185
MUT_ci300400a_cdk_ECFP4	0.7222	0.2778	0.7165	0.4327	0.7937
MUT_ci300400a_cdk_ECFP6	0.6814	0.3186	0.6714	0.3426	0.8492
MUT_ci300400a_cdk_ESTATE	0.7530	0.2470	0.7449	0.4896	0.7512
MUT_ci300400a_cdk_EXTENDED	0.7758	0.2242	0.7692	0.5384	0.7141
MUT_ci300400a_cdk_FCFP2	0.7868	0.2132	0.7801	0.5601	0.6948
MUT_ci300400a_cdk_FCFP4	0.7686	0.2314	0.7602	0.5196	0.7248
MUT_ci300400a_cdk_FCFP6	0.7110	0.2890	0.7043	0.4084	0.8100
MUT_ci300400a_cdk_MACCS	0.8135	0.1865	0.8067	0.6114	0.6379
MUT_ci300400a_cdk_PUBCHEM	0.8252	0.1749	0.8193	0.6383	0.6197
MUT_ci300400a_cdk_STANDARD	0.7665	0.2335	0.7593	0.5184	0.7296
MUT_ci300400a_rdkit_descriptors	0.8214	0.1786	0.8165	0.6322	0.6245
myocardial	0.7353	0.0662	0.2936	0.3119	0.4658
naticusdroid	0.9587	0.0413	0.9589	0.9175	0.2277
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.6667	0.0741	0.4222	0.6129	0.0729
ncRNA	0.7541	0.0259	0.2246	0.4805	0.4883
ncRNA1%	0.7454	0.0268	0.2171	0.4636	0.4544
ncRNA10%	0.7510	0.0262	0.2336	0.4778	0.4975
neo	0.9104	0.0896	0.6661	0.2282	0.4526
new-thyroid	0.9286	0.0476	0.8993	0.8375	0.1616
new-thyroidT	0.9762	0.0238	0.9605	0.9146	0.2005
new3s-wc	0.5947	0.0185	0.5833	0.5814	0.2916
newspop	0.6579	0.3421	0.6552	0.3096	0.8711
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9544	0.0456	0.9442	0.8883	0.2800
NPHA-doctor-visits	0.4514	0.3657	0.3591	0.0060	0.7408
nursery	0.9429	0.0228	0.6471	0.9156	0.0792
obesity	0.9005	0.0284	0.9001	0.8837	0.1275
obs	0.8519	0.0741	0.8457	0.7858	0.2390
occupancy	0.9895	0.0105	0.9857	0.9710	0.1215
Occupancy_Estimation	0.9921	0.0039	0.9724	0.9759	0.0238
oh0-wc	0.5941	0.0812	0.5693	0.5322	0.2988
oh10-wc	0.4429	0.1114	0.4316	0.3706	0.4716
oh15-wc	0.4457	0.1109	0.4266	0.3765	0.4678
oh5-wc	0.5055	0.0989	0.4953	0.4402	0.4065
ohscal-wc	0.2478	0.1504	0.2286	0.1584	0.7742
olive	0.8947	0.0234	0.8753	0.8695	0.1045
opn310k	0.9095	0.0905	0.6066	0.0225	0.2625
opn310k10%	0.9004	0.0996	0.5328	0.0411	0.5947
opnat310k-hg16-17	0.9100	0.0900	0.6331	0.0280	0.2446

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
optdigits	0.7037	0.0593	0.7108	0.6709	0.2702
optdigitsZ	0.9956	0.0044	0.9862	0.9719	0.0211
orl	0.5625	0.0219	0.5346	0.5513	0.0859
orlraws10P	0.6000	0.0800	0.5545	0.5556	0.1103
ovarian-cancer	0.9941	0.0000	0.9876	0.9979	0.0000
ozone1hr	0.9625	0.0375	0.4904	-0.0036	0.2710
ozone8hr	0.8972	0.1028	0.5630	0.1147	0.6717
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7345	0.2655	0.7086	0.4166	0.7877
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8056	0.1944	0.8091	0.6121	0.6160
p53-mutants10%	0.9804	0.0080	0.5020	-0.0024	0.1706
page-blocks	0.9360	0.0256	0.6781	0.6940	0.1740
parkinson	0.9792	0.0208	0.9785	0.9570	0.1411
parkinsons	0.9147	0.0853	0.9090	0.8179	0.3968
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.9180	0.0820	0.8978	0.7956	0.4181
particle10%	0.9165	0.0835	0.8958	0.7911	0.4197
pasture	0.2500	0.5000	0.1500	-0.2667	0.5890
pc1	0.9189	0.0811	0.5348	0.0660	0.5701
pcmac	0.4948	0.5052	0.4896	-0.0207	0.9923
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8355	0.1645	0.7794	0.5586	0.6429
pediatric-leukemia	0.6029	0.1134	0.5248	0.5215	0.2222
pendigits	0.7793	0.0441	0.7843	0.7546	0.2106
period	0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f	0.3889	0.6111	0.3246	-0.3247	0.9907
persistency	0.8076	0.1924	0.7911	0.5783	0.6532
personalities	0.9102	0.0112	0.9103	0.9042	0.1409
pet-adoption	0.9350	0.0650	0.9259	0.8489	0.3030
phishing	0.9592	0.0408	0.9571	0.9137	0.2208
PhiUSIIL	0.9999	0.0001	0.9999	0.9997	0.0015
PhiUSIIL10%	0.9983	0.0017	0.9983	0.9965	0.0164
phone-acc	0.7372	0.0751	0.7133	0.6916	0.2531
phone-acc0.1%	0.6581	0.0977	0.6410	0.5995	0.3091
phone-acc1%	0.6559	0.0983	0.6391	0.5971	0.3019
phone-acc10%	0.6481	0.1005	0.6336	0.5877	0.3112
phone-gyr	0.7647	0.0672	0.7513	0.7242	0.2633
phone-gyr0.1%	0.6755	0.0927	0.6617	0.6193	0.3162
phone-gyr1%	0.6834	0.0905	0.6697	0.6286	0.3046
phone-gyr10%	0.6830	0.0906	0.6692	0.6282	0.3019
phoneme	0.8435	0.1565	0.8021	0.6025	0.6166
phy	0.7166	0.2834	0.7166	0.4332	0.7988
pima	0.7105	0.2895	0.6873	0.3529	0.7766
pirvision	0.9824	0.0118	0.9687	0.9434	0.0902
placement	0.7930	0.2070	0.7864	0.5722	0.6820
plant-growth	0.5789	0.4211	0.5843	0.1648	0.9308
plrx	0.5833	0.4167	0.5519	0.0791	0.8372
poker	0.5132	0.0974	0.1141	0.0986	0.2603
poker1%	0.5234	0.0953	0.1292	0.1140	0.2674
poker10%	0.5084	0.0983	0.1177	0.0887	0.2616
polish-1st	0.9630	0.0370	0.5961	0.1869	0.3013
polish-2nd	0.9607	0.0393	0.5663	0.1083	0.2866
polish-3rd	0.9467	0.0533	0.5376	0.0706	0.4966
polish-4th	0.9480	0.0520	0.6299	0.1936	0.4191
polish-5th	0.9374	0.0626	0.7008	0.3623	0.5150
polya	0.7681	0.2319	0.7414	0.4796	0.7348
popularity	0.6741	0.2172	0.4415	0.2281	0.4713
post-operative	0.1667	0.5556	0.0939	-0.6648	0.4794
postures	0.7707	0.0917	0.7831	0.7136	0.2836

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pred-tox_mutagen_ref-desc	0.6838	0.3162	0.6873	0.3676	0.8163
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.2576	0.0675	0.1443	0.1976	0.2389
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7836	0.2164	0.7562	0.5123	0.7200
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8701	0.0520	0.8101	0.8261	0.2009
puc-rio10%	0.8862	0.0455	0.8250	0.8476	0.1850
pufs-128	0.5013	0.4987	0.5013	0.0025	0.9993
pufs-1281%	0.5029	0.4971	0.5029	0.0058	0.9983
pufs-12810%	0.4993	0.5007	0.4993	-0.0013	1.0000
pufs-64	0.5044	0.4956	0.5043	0.0087	0.9975
pufs-641%	0.5104	0.4896	0.5104	0.0208	0.9940
pufs-6410%	0.4993	0.5007	0.4993	-0.0013	1.0000
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%	0.1315	0.0328	0.0540	0.0917	0.5681
re0-wc	0.4133	0.0903	0.4356	0.3325	0.5451
re1-wc	0.3464	0.0523	0.2714	0.2979	0.4526
rejafada	0.9726	0.0176	0.7455	0.5000	0.0520
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.5880	0.0127	0.2224	0.4536	0.4099
rice	0.9857	0.0143	0.9856	0.9711	0.0960
rnaseq	0.9759	0.0051	1.0000	0.9926	0.0184
rocket	0.6640	0.3360	0.6451	0.2876	0.8697
RT_IOT2022	0.9887	0.0019	0.8596	0.9717	0.0276
satimage	0.7768	0.0744	0.7474	0.7277	0.2837
satimageF	0.9876	0.0124	0.9675	0.9346	0.1370
satimageT	0.9176	0.0824	0.7403	0.4655	0.5601
scadi	0.4286	0.1633	0.2594	0.2702	0.1791
schiller	0.7222	0.2778	0.6368	0.2695	0.7927
schizo	0.4853	0.5147	0.4826	-0.0294	0.9908
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8526	0.1474	0.5020	0.0042	0.6252
secondary_mushroom	0.9958	0.0042	0.9958	0.9916	0.0373
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8745	0.0359	0.8927	0.8537	0.1195
segmentation	0.8119	0.1881	0.7927	0.5848	0.6599
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9322	0.0678	0.4824	-0.0037	0.2820
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8645	0.1355	0.5408	0.0205	0.4720
sens-10-gram	0.8346	0.1654	0.5728	0.1366	0.7528
sens-2-gram	0.8632	0.1368	0.6021	0.1483	0.6258
sens-3-gram	0.7816	0.2184	0.5750	0.1454	0.7469
sens-4-gram	0.7145	0.2855	0.5422	0.0780	0.7130
sens-5-gram	0.7013	0.2987	0.5582	0.1034	0.6925
sens-6-gram	0.7658	0.2342	0.5602	0.1174	0.7463
sens-7-gram	0.8000	0.2000	0.5131	0.0256	0.7882
sens-8-gram	0.8026	0.1974	0.5411	0.0818	0.7781
sens-9-gram	0.8079	0.1921	0.5370	0.0729	0.7802
sensorless	0.6405	0.0654	0.6477	0.6046	0.2955
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8970	0.1030	0.7866	0.5667	0.5615
shuttle	0.9930	0.0020	0.6125	0.9803	0.0921
sick	0.9668	0.0332	0.8524	0.6948	0.3437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9738	0.0262	0.9628	0.9234	0.2419
skin10%	0.9665	0.0335	0.9527	0.9029	0.2786
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2200	0.3900	0.2172	-0.0406	0.8360
smk_can_187	0.8421	0.1579	0.8427	0.6816	0.5635
smoking	0.7628	0.2372	0.7519	0.5018	0.7358
soil_pollution	0.2367	0.3053	0.2381	0.0447	0.8427
solar-flare	0.7338	0.0887	0.6620	0.6602	0.1969
sonar	0.6500	0.3500	0.6508	0.3000	0.8546
soybean	0.9265	0.0077	0.8987	0.9193	0.0396
spam-detection	0.9560	0.0440	0.8598	0.7158	0.3999
spambase	0.9065	0.0935	0.9019	0.8029	0.4131
spect	0.6667	0.3333	0.5959	0.1843	0.8109
spectf	0.7714	0.2286	0.7390	0.4731	0.7308
spectrometer	0.2075	0.0330	0.0815	0.1747	0.2105
splice-EI	0.9243	0.0757	0.9056	0.8088	0.3939
splice-IE	0.8817	0.1183	0.8443	0.6864	0.5537
sport-articles	0.8050	0.1950	0.7892	0.5779	0.6690
squash-stored	0.7000	0.2000	0.7634	0.5312	0.2929
squash-unstored	0.6000	0.2667	0.3803	0.3316	0.2191
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8469	0.1021	0.8135	0.7523	0.3139
steel-b	0.8692	0.1308	0.7984	0.5957	0.6033
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9872	0.0128	0.9802	0.9602	0.0867
steel-o	0.7897	0.2103	0.7632	0.5227	0.6959
steel-p	0.9333	0.0667	0.7482	0.4840	0.5404
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9769	0.0231	0.9392	0.8762	0.3281
stellar	0.9652	0.0232	0.9601	0.9381	0.1247
stock	0.8889	0.1111	0.8123	0.6245	0.5810
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9820	0.0180	0.9818	0.9636	0.1223
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6100	0.1560	0.3424	0.3684	0.4498
student-depression	0.8319	0.1681	0.8255	0.6487	0.5984
student-habits	0.3700	0.2520	0.2182	0.0300	0.6341
student-weekend	0.3000	0.2800	0.2479	0.0780	0.7646
student-workday	0.5234	0.1906	0.1844	0.0329	0.7181
studentap	0.4615	0.3590	0.4646	0.1725	0.6309
susy	0.7954	0.2050	0.7974	0.5798	0.6590
susy1%	0.7983	0.2017	0.7972	0.5894	0.6539
susy10%	0.7959	0.2041	0.7948	0.5844	0.6576
swarm_aligned	0.9969	0.0008	0.9949	0.9944	0.0081
swarm_flocking	0.9930	0.0004	0.9973	0.9918	0.0042
swarm_grouped	0.9928	0.0000	0.9924	0.9886	0.0000
tae	0.4333	0.3778	0.4492	0.1500	0.6485
telco-churn	0.9261	0.0739	0.9036	0.8060	0.3811
texture	0.8036	0.0357	0.8115	0.7842	0.1550
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7660	0.2340	0.5107	0.0207	0.8043
thrombin	0.9293	0.0707	0.5502	0.0583	0.1968
Thyroid_Diff	0.9342	0.0658	0.9194	0.8338	0.2774
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8059	0.1941	0.7483	0.4952	0.7088
tis10%	0.7463	0.2537	0.6897	0.3689	0.7526
titanic	0.8227	0.1773	0.7975	0.5323	0.4396

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tourist	0.6250	0.1250	0.2928	0.4372	0.1117
tox_171	0.8824	0.0588	0.9071	0.8439	0.1166
toxicity	0.5588	0.4412	0.5083	0.0163	0.9628
toxicity-13f	0.7353	0.2647	0.7005	0.3640	0.6311
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7133	0.2867	0.5630	0.1221	0.8617
trec11-wc	0.5610	0.0976	0.4978	0.4829	0.3095
trec12-wc	0.6129	0.0968	0.6499	0.5520	0.2377
trec21-wc	0.7424	0.0859	0.3943	0.5602	0.2142
trec23-wc	0.6429	0.1190	0.6164	0.5210	0.3283
trec31-wc	0.6774	0.0922	0.5739	0.6082	0.2978
trec41-wc	0.6364	0.0727	0.6189	0.5748	0.2931
trec45-wc	0.5435	0.0913	0.5088	0.4795	0.3396
tuandromd	0.9798	0.0202	0.9684	0.9366	0.1558
turkish	0.5375	0.2313	0.5429	0.3833	0.5258
tvnews	0.9071	0.0929	0.8993	0.7979	0.4197
tvnews1%	0.7269	0.2731	0.7073	0.4130	0.7637
tvnews10%	0.8809	0.1191	0.8713	0.7424	0.4986
ur3_cobotops_grip	0.9660	0.0340	0.4913	-0.0026	0.2839
ur3_cobotops_stop	0.9673	0.0327	0.7101	0.1941	0.0984
urban	0.5597	0.0978	0.5824	0.5038	0.3274
urinalysis	0.9510	0.0490	0.7274	0.4373	0.5211
ustilago1%	0.9886	0.0114	0.4935	-0.0028	0.4370
ustilago10%	0.9674	0.0268	0.5402	0.0737	0.4897
vehicle	0.7738	0.1131	0.7458	0.6958	0.2266
vehicleVAN	0.9881	0.0119	0.9841	0.9683	0.0919
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9070	0.0930	0.9075	0.8141	0.4030
vowel	0.4293	0.1038	0.4506	0.3722	0.3180
vowelZ	0.9242	0.0758	0.8220	0.6252	0.5665
vrnormat310k-hg16-17	0.9156	0.0844	0.6615	0.2070	0.4251
wap-wc	0.5192	0.0481	0.4048	0.4810	0.3303
warpar10p	0.7308	0.0538	0.7343	0.7045	0.0700
warppie10p	0.8333	0.0333	0.8613	0.8149	0.0831
watch-acc	0.7587	0.0690	0.7514	0.7176	0.2736
watch-acc1%	0.6521	0.0994	0.6542	0.5946	0.3251
watch-acc10%	0.6528	0.0992	0.6532	0.5952	0.3207
watch-gyr	0.7717	0.0652	0.7661	0.7333	0.2402
watch-gyr1%	0.6597	0.0972	0.6641	0.6036	0.3033
watch-gyr10%	0.6598	0.0972	0.6632	0.6037	0.2989
water_pollution	0.2433	0.3783	0.2465	-0.0096	0.8600
waveform	0.7500	0.1667	0.7568	0.6247	0.4676
weather-related	0.9404	0.0108	0.9346	0.9324	0.0789
web-phishing	0.8259	0.1160	0.6905	0.6841	0.4008
Weekly	0.9722	0.0278	0.9728	0.9441	0.1529
weight-lift	0.8304	0.0678	0.8283	0.7850	0.2268
white-clover	0.5833	0.2083	0.3125	0.2000	0.2820
wifi-loc	0.9825	0.0088	0.9827	0.9767	0.0362
wilt	0.9814	0.0186	0.8995	0.7966	0.3384
wine	0.9118	0.0588	0.9154	0.8542	0.2203
winequality-red	0.5943	0.1352	0.2854	0.3453	0.4240
winequality-white	0.4427	0.1592	0.2256	0.1663	0.4297
winnipeg	0.9793	0.0059	0.9338	0.9739	0.0669
winnipeg10%	0.9911	0.0025	0.9871	0.9887	0.0201
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.4688	0.0708	0.4486	0.4310	0.1462
yeast	0.5034	0.0993	0.3264	0.3520	0.4070
yeastCYT-POX	0.9796	0.0204	0.8697	0.7394	0.2849

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9595	0.0405	0.7080	0.3190	0.2853
zip	0.7022	0.0596	0.6922	0.6663	0.3071

Table 359: Detailed results for LWL

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1583	0.0580	0.0875	0.0796	0.6071
abalone19	0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9734	0.0266	0.6237	0.2473	0.5790
accident	0.7000	0.3000	0.7000	0.4000	0.8211
ads	0.9238	0.0762	0.8247	0.6179	0.3677
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8492	0.1508	0.4592	-0.0794	0.7334
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7333	0.2667	0.5101	0.0200	0.8448
AID_602330	0.9427	0.0573	0.6189	0.2370	0.6249
AID_652128	0.8889	0.0741	0.6824	0.4550	0.5033
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.6944	0.3056	0.5563	0.1000	0.7073
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.8250	0.5882	0.5283
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.8000	0.2000	0.7463	0.4737	0.6644
AID644red	0.7500	0.2500	0.6891	0.3750	0.7858
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
aids	0.8357	0.1643	0.8212	0.6171	0.5886
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.7442	0.2558	0.7369	0.4673	0.7504
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	0.9730	0.0270	0.9599	0.9165	0.2605
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9930	0.0035	0.9781	0.9867	0.0197
anuran-genus	0.9903	0.0024	0.9765	0.9839	0.0219
anuran-species	0.9903	0.0019	0.9829	0.9865	0.0204
anxiety	0.0500	0.2111	0.0367	-0.0747	0.7030
apple-quality	0.7225	0.2775	0.7246	0.4450	0.7797
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia	0.5778	0.0650	0.4274	0.3468	0.2955
auction	0.9657	0.0343	0.9196	0.8257	0.1098
audiology	0.7391	0.0217	0.3026	0.6967	0.0633
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9857	0.0143	0.9820	0.9633	0.0649
autism-child	0.9655	0.0345	0.9665	0.9308	0.1598
autos	0.9000	0.0333	0.7526	0.8667	0.0771
avila	0.8706	0.0216	0.8836	0.8322	0.2391
babies	0.5081	0.1406	0.2419	0.2168	0.3460
balance	0.9032	0.0645	0.6333	0.8220	0.2140
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.7903	0.2097	0.7677	0.5057	0.6215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
basehock	0.7035	0.2965	0.7506	0.4087	0.5360
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8190	0.1810	0.8115	0.6218	0.6377
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9691	0.0021	0.0339	0.0015	0.4265
body-perf	0.4351	0.2825	0.3851	0.2468	0.5415
brain-tumor	0.5015	0.4985	0.5017	0.0033	0.9974
breast-cancer	0.6071	0.3929	0.5363	0.0723	0.9102
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.3636	0.6364	0.3446	-0.3051	1.0000
breast-tissue	0.7273	0.0909	0.7081	0.6667	0.1559
bridges	0.7000	0.0857	0.5073	0.5946	0.1534
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.3200	0.0012	0.3725
car	0.9368	0.0316	0.8922	0.8695	0.2261
car-insurance	0.8030	0.1970	0.7816	0.5599	0.6809
card	0.8261	0.1739	0.8216	0.6431	0.6189
cardiotocography	0.7934	0.0413	0.7652	0.7514	0.2359
cardiotocography-nsp	0.9061	0.0626	0.8093	0.7255	0.2629
cardiovascular	0.7118	0.2882	0.7155	0.4236	0.7859
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8000	0.1333	0.7887	0.6417	0.3542
cas_N6512_rdkit_ATOMPAIR	0.5938	0.4062	0.6165	0.2099	0.8585
cas_N6512_RDkit_AtomPair_FP	0.5936	0.4064	0.6219	0.2127	0.8360
cas_N6512_rdkit_AVALON	0.5914	0.4086	0.6455	0.2193	0.7294
cas_N6512_RDkit_Avalon_FP	0.5905	0.4095	0.6470	0.2178	0.7187
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.6098	0.3902	0.6545	0.2504	0.7517
cas_N6512_RDkit_Featmorgan_FP	0.5598	0.4402	0.6226	0.1637	0.7169
cas_N6512_RDkit_FP	0.6396	0.3604	0.6432	0.2832	0.8796
cas_N6512_rdkit_LAYERED	0.6277	0.3723	0.6544	0.2764	0.8082
cas_N6512_RDkit_Layered_FP	0.6089	0.3911	0.6335	0.2396	0.8363
cas_N6512_rdkit_MACCS	0.6129	0.3871	0.6505	0.2536	0.7791
cas_N6512_RDkit_MACCS_FP	0.6304	0.3696	0.6800	0.2898	0.7033
cas_N6512_rdkit_MORGAN	0.5831	0.4169	0.6461	0.2060	0.6971
cas_N6512_RDkit_morgan_FP	0.5552	0.4448	0.6214	0.1563	0.7053
cas_N6512_rdkit_PATTERN	0.6615	0.3385	0.6577	0.3138	0.8664
cas_N6512_rdkit_RDKITFP	0.6160	0.3840	0.6249	0.2420	0.8871
cas_N6512_rdkit_TORSION	0.5985	0.4015	0.6415	0.2283	0.7698
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9186	0.0814	0.6613	0.3205	0.6437
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9302	0.0698	0.6067	0.2134	0.6362
cervical-S	0.9070	0.0930	0.6589	0.2893	0.6085
children-anemia	0.6849	0.1575	0.4215	0.5211	0.1847
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9987	0.0013	0.7689	0.5211	0.5321
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7970	0.2030	0.6445	0.0078	0.3556
churn-bigml	0.9101	0.0899	0.8009	0.5870	0.4953
ci900367j_MACCS	0.7053	0.2947	0.7029	0.3998	0.7987

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4587	0.3710	0.4457
cjs	0.9857	0.0048	0.9815	0.9826	0.0277
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8083	0.0958	0.6913	0.6920	0.2962
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5000	0.3333	0.6111	0.2174	0.4138
cm1	0.8600	0.1400	0.6439	0.2857	0.6956
cmc	0.5170	0.3220	0.4991	0.2499	0.7360
cnae-9	0.5278	0.1049	0.5936	0.4688	0.2379
codon_usage	0.4520	0.0996	0.1795	0.3081	0.2794
coil20	0.6667	0.0333	0.6487	0.6491	0.1245
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.6800	0.0427	0.6270	0.6433	0.1631
colon-tumor	0.3333	0.6667	0.2500	-0.5000	1.0000
colposcopies-1	0.7931	0.2069	0.7632	0.5193	0.6844
colposcopies-2	0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3	0.6552	0.3448	0.6372	0.2714	0.8780
colposcopies-4	0.6552	0.3448	0.6009	0.1989	0.8605
colposcopies-5	0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6	0.6207	0.3793	0.6196	0.2387	0.9091
colposcopies-c	0.7241	0.2759	0.5383	0.0645	0.8394
column-2c	0.8065	0.1935	0.7786	0.5571	0.6825
column-3c	0.7419	0.1720	0.6778	0.5867	0.3881
cottonmeloidogyne	0.6370	0.3630	0.6380	0.2729	0.8859
coupon	0.4314	0.5686	0.3014	0.0000	0.5291
covtypeCD	0.9076	0.0924	0.7763	0.4705	0.3300
covtypeT	0.9416	0.0584	0.7350	0.4490	0.5172
crabs	0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.7548	0.0817	0.2521	0.4318	0.2451
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1250	0.0437	0.0933	0.1013	0.1424
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1800	0.2733	0.1727	0.0065	0.6832
cyclopentane	0.5556	0.4444	0.5364	0.0690	0.9556
cylinder-bands	0.7778	0.2222	0.7872	0.5604	0.6642
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8253	0.1747	0.7118	0.3883	0.6382
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4099	0.2000	0.4997
dexter	0.6833	0.3167	0.7397	0.3667	0.4944
df_final	0.7500	0.1667	0.7711	0.6049	0.2540
DIA	0.7333	0.2667	0.6124	0.2195	0.8321
diabetes	0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-risk	0.8545	0.1455	0.7862	0.5714	0.6420
diabetic1%	0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%	0.5530	0.2980	0.3700	0.1497	0.5475
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.7667	0.1167	0.6288	0.6693	0.1656
diamonds_all	0.6007	0.1597	0.2862	0.3988	0.3212
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.6667	0.3333	0.6543	0.2500	0.7414
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9304	0.0696	0.7832	0.5623	0.5389
dota210%	0.5369	0.4631	0.5573	0.0234	0.6156
dropout	0.6614	0.2257	0.6003	0.4477	0.6193
drug-01	0.2872	0.2036	0.1562	-0.0055	0.8012
drug-02	0.4096	0.1687	0.2130	0.1100	0.7836
drug-03	0.5532	0.1277	0.1730	0.0942	0.6588
drug-04	0.4255	0.1641	0.2404	0.1420	0.8174
drug-05	0.6223	0.1079	0.1473	0.0457	0.8798
drug-06	0.2872	0.2036	0.2173	0.1339	0.7413
drug-07	0.2819	0.2052	0.1091	-0.0923	0.6634
drug-08	0.4521	0.1565	0.1823	0.1292	0.8168
drug-09	0.7713	0.0654	0.1361	-0.0190	0.6266
drug-10	0.4521	0.1565	0.1831	0.0996	0.7865
drug-11	0.7074	0.0836	0.1586	0.0258	0.7119
drug-12	0.6862	0.0897	0.2266	0.0548	0.6602
drug-13	0.5426	0.1307	0.1676	0.2019	0.7246
drug-14	0.5053	0.1413	0.2607	0.2505	0.7192
drug-15	0.6277	0.1064	0.1649	0.1145	0.8677
drug-16	0.4894	0.1459	0.2239	0.2068	0.7176
drug-17	0.3191	0.1945	0.2152	0.1257	0.8050
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6702	0.0942	0.1596	0.0848	0.7453
drybean	0.9133	0.0248	0.9292	0.8951	0.1375
ecoli	0.7647	0.0588	0.4417	0.6707	0.1517
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.3100	0.3450	0.2743	0.0779	0.7185
eeg-eye	0.9079	0.0921	0.9069	0.8137	0.4109
eeg10%	0.2014	0.0998	0.0412	0.0873	0.4027
eucalyptus	0.5342	0.1863	0.4994	0.3936	0.4975
euthyroid	0.9557	0.0443	0.8658	0.7260	0.3735
fakenews	0.5425	0.4575	0.5424	0.0848	0.9736
fbis-wc	0.3577	0.0756	0.0669	0.2049	0.2971
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.4902	0.5098	0.4530	-0.0798	0.9834
financial-risk	0.6335	0.1222	0.2168	0.3235	0.2218
fishcatch	0.8125	0.0625	0.6236	0.7513	0.0899
flags	0.5000	0.1250	0.2692	0.3671	0.3247
forest	0.8654	0.0673	0.8708	0.8137	0.1650
gas	0.3918	0.2027	0.1993	0.2258	0.3144
gastrointestinal	0.6250	0.2500	0.4710	0.3684	0.3556
gender	0.5432	0.3046	0.4109	0.1470	0.7496
gene	0.8013	0.1325	0.7938	0.6858	0.4456
german	0.6800	0.3200	0.6206	0.2252	0.8466
gestures	0.4598	0.2701	0.3529	0.2811	0.3484
gina	0.7810	0.2190	0.7817	0.5610	0.6918
glass	0.8095	0.0635	0.7398	0.7325	0.1864
glass-g2	0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP	0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP	0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8571	0.1429	0.8531	0.7061	0.5505
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.4939	0.2771	0.5239
gsalc	0.6667	0.1111	0.7768	0.6087	0.1701
haberman	0.7000	0.3000	0.5682	0.1290	0.8673
har	0.1840	0.3264	0.0622	0.0000	0.3998
har701%	0.9053	0.0271	0.5927	0.8609	0.2453
harth1%	0.6097	0.0651	0.1242	0.4296	0.2151
hayes-roth	0.5625	0.2917	0.6333	0.3171	0.2999
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8387	0.1613	0.8466	0.6804	0.5410
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.8600	0.1400	0.8323	0.6535	0.5231
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.4958	0.5042	0.3315	0.0000	0.5288
hERG-121inputs	0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.5682	0.4318	0.5659	0.1318	0.9554
higher	0.1429	0.2143	0.0952	0.0000	0.4288
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8651	0.1349	0.7232	0.4115	0.5882
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.4160	0.2094	0.4219
hotel-reservartions	0.7676	0.2324	0.7199	0.4156	0.7042
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.5308	0.3128	0.5675	0.3112	0.5401
htru2	0.9749	0.0251	0.9228	0.8451	0.2913
hypothyroid	0.9416	0.0292	0.5700	0.6266	0.2187
hypothyroidT	0.9576	0.0424	0.8417	0.6810	0.4398
ilpd	0.6271	0.3729	0.5292	0.0581	0.9209
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.7880	0.1060	0.8188	0.7173	0.1689
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.6996	0.0231	0.6868	0.6876	0.1656
jm1	0.7704	0.2296	0.6122	0.2233	0.8024
jvowels	0.9980	0.0004	0.9980	0.9977	0.0041
kc1	0.8626	0.1374	0.6941	0.3608	0.6349
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.2857	0.0595	0.0222	-0.0072	0.2205
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7500	0.2500	0.5858	0.1675	0.8277
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.7542	0.1639	0.5540	0.5828	0.2181
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7979	0.0225	0.7908	0.7738	0.2404

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krvskp	0.9812	0.0188	0.9813	0.9623	0.1219
la1s-wc	0.4571	0.1810	0.2331	0.2409	0.3529
la2s-wc	0.4437	0.1854	0.2282	0.2168	0.3550
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.6176	0.0191	0.3780	0.5989	0.0761
led24	0.5000	0.1000	0.5231	0.4398	0.2171
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9585	0.0032	0.9580	0.9568	0.0483
leukemia	0.7143	0.1905	0.7490	0.5625	0.3209
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8611	0.0185	0.8750	0.8509	0.0672
linkage1%	0.9976	0.0024	0.8728	0.7296	0.4904
liver	0.7353	0.2647	0.7218	0.4354	0.7621
loan	0.9696	0.0304	0.9687	0.9361	0.1901
localization10%	0.4053	0.1081	0.0938	0.1466	0.3395
lrs	0.6792	0.0916	0.3381	0.5495	0.2523
lung	0.9524	0.0190	0.7652	0.9091	0.0221
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.8500	0.0600	0.5504	0.6450	0.0927
lung-cancer-harvard2	0.8333	0.1667	0.6593	0.3077	0.7195
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.6429	0.1786	0.3379	0.3333	0.3413
lymphoma2	0.5556	0.1481	0.3372	0.3684	0.2592
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.6538	0.3462	0.6540	0.3077	0.8751
magic04	0.8112	0.1888	0.7912	0.5821	0.6637
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7917	0.2083	0.7930	0.5839	0.6742
marketing	0.8661	0.1339	0.6762	0.3116	0.6185
maternal	0.8515	0.0990	0.8530	0.7747	0.3494
math	0.7500	0.1250	0.4164	0.5807	0.2112
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7913	0.6667	0.1743
mental-health	0.2067	0.3173	0.2371	0.0013	0.7288
messidor	0.6087	0.3913	0.6010	0.2020	0.9229
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.9083	0.8462	0.1492
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.8450	0.0310	0.8542	0.8278	0.1431
mfeat-fou	0.5250	0.0950	0.5535	0.4722	0.3124
mfeat-kar	0.6550	0.0690	0.6845	0.6167	0.2051
mfeat-mor	0.6800	0.0640	0.6790	0.6444	0.2224
mfeat-pix	0.7900	0.0420	0.8109	0.7667	0.1824
mfeat-zer	0.4500	0.1100	0.3588	0.3889	0.3120
mice-prot	0.9722	0.0069	0.9684	0.9682	0.0243
milk	0.8679	0.0881	0.8535	0.7943	0.2059
mines	0.7059	0.1176	0.6983	0.6304	0.3420
mobile	0.3531	0.0231	0.3501	0.3416	0.2189
monks-1	0.9273	0.0727	0.9272	0.8545	0.3478
monks-2	0.8852	0.1148	0.8792	0.7542	0.4890
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9668	0.0332	0.9668	0.9335	0.1962
music	0.3256	0.1226	0.1792	0.1113	0.3366

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
musk	0.8500	0.1500	0.6613	0.0487	0.2948
MUT_ci300400a_cdk_ESTATE	0.6547	0.3453	0.6334	0.2501	0.8514
MUT_ci300400a_cdk_FCFP2	0.5892	0.4108	0.5734	0.0195	0.5626
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.6619	0.3381	0.6704	0.3314	0.8356
MUT_ci300400a_rdkit_descriptors	0.6817	0.3183	0.6959	0.3761	0.7959
myocardial	0.8353	0.0412	0.1979	0.1414	0.3414
naticusdroid	0.8609	0.1391	0.8665	0.7217	0.4855
NCI60	0.3333	0.2222	0.2857	0.2000	0.2809
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.8971	0.0108	0.4997	0.7254	0.8400
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6009	0.3991	0.6001	0.2001	0.9272
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4583	0.3611	0.3839	0.0830	0.8046
nursery	0.9846	0.0062	0.7616	0.9773	0.0273
obesity	0.4408	0.1598	0.4913	0.3491	0.4038
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9918	0.9836	0.0668
Occupancy_Estimation	0.9911	0.0044	0.9712	0.9730	0.0449
oh0-wc	0.3564	0.1287	0.1498	0.2152	0.3055
oh10-wc	0.4000	0.1200	0.2120	0.2879	0.3122
oh15-wc	0.2935	0.1413	0.1401	0.1447	0.3432
oh5-wc	0.2527	0.1495	0.1885	0.1103	0.3606
olive	0.6491	0.0780	0.3759	0.5295	0.1617
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
optdigits	0.7278	0.0544	0.7642	0.6980	0.2454
optdigitsZ	0.9733	0.0267	0.9300	0.8526	0.3831
orl	0.6000	0.0200	0.5392	0.5897	0.0848
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9328	0.0672	0.4826	-0.0346	0.6178
ozone8hr	0.8854	0.1146	0.5555	0.1103	0.6965
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7629	0.2371	0.7240	0.4389	0.7387
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8625	0.7160	0.5090
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9671	0.0132	0.8306	0.8080	0.2169
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.7536	0.2464	0.7316	0.4323	0.6884
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.7654	0.2346	0.7574	0.4924	0.6898
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6986	0.3909	0.6055
pcmac	0.5876	0.4124	0.5435	0.0262	0.6698
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.7928	0.5600	0.5340
pediatric-leukemia	0.5294	0.1345	0.3758	0.4022	0.2635
pendigits	0.9927	0.0015	0.9924	0.9919	0.0132
period	0.7778	0.2222	0.8163	0.5714	0.5000
period-10f	0.3333	0.6667	0.4044	-0.1250	0.8750
persistency	0.7813	0.2187	0.7641	0.4944	0.6231
pet-adoption	0.7350	0.2650	0.7114	0.4208	0.7826
phishing	0.9714	0.0286	0.9700	0.9399	0.1774
phone-acc0.1%	0.3760	0.1783	0.2938	0.2620	0.4322
phone-gyr0.1%	0.3489	0.1860	0.2636	0.2221	0.3631
phoneme	0.9111	0.0889	0.8883	0.7749	0.4225

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pima	0.6842	0.3158	0.6565	0.2985	0.8279
pirvision	0.9066	0.0623	0.5749	0.6989	0.1766
placement	0.7370	0.2630	0.7350	0.4680	0.7669
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.6111	0.3889	0.5439	0.0870	0.8978
poker1%	0.4537	0.1093	0.2108	0.0438	0.7081
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9551	0.0449	0.7294	0.4288	0.4797
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.6897	0.3103	0.6717	0.3420	0.8360
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6329	0.2647	0.8956
prestige	0.7778	0.1481	0.7994	0.6538	0.2433
primary-tumor	0.3636	0.0579	0.1887	0.2957	0.2348
profb	0.5672	0.4328	0.5260	0.0517	0.9390
promoters	0.8000	0.2000	0.8333	0.6154	0.4644
prostate	0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9807	0.0077	0.9674	0.9741	0.0516
pufs-641%	0.5071	0.4929	0.5071	0.0142	0.9959
pulsar	0.9808	0.0192	0.9407	0.8785	0.1663
raisin	0.8444	0.1556	0.8444	0.6889	0.5731
re0-wc	0.5400	0.0708	0.1069	0.3050	0.2787
re1-wc	0.4036	0.0477	0.0503	0.2394	0.2814
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9835	0.0165	0.9834	0.9666	0.1090
rnaseq	0.8500	0.0600	0.8376	0.7962	0.1411
rocket	0.5530	0.4470	0.5403	0.0806	0.9632
satimage	0.7325	0.0892	0.6468	0.6603	0.2447
satimageF	0.9907	0.0093	0.9760	0.9519	0.1413
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9524	0.0136	0.9569	0.9443	0.0628
segmentation	0.7277	0.2723	0.7728	0.4847	0.5970
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.8798	0.1202	0.4680	-0.0633	0.6874
semeion	0.9623	0.0377	0.8958	0.7915	0.3891
sens-1-gram	0.7947	0.2053	0.5183	0.0364	0.7852
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8662	0.1338	0.7855	0.5580	0.6298

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shuttle	0.8678	0.0378	0.2429	0.6623	0.1496
sick	0.9602	0.0398	0.8255	0.6458	0.4389
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9027	0.0973	0.8691	0.7298	0.5119
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2800	0.3600	0.1946	0.0281	0.6659
smk_can_187	0.6316	0.3684	0.6438	0.2732	0.8562
smoking	0.6985	0.3015	0.7535	0.4380	0.6100
soil_pollution	0.1833	0.3267	0.1708	-0.0285	0.6596
solar-flare	0.7626	0.0791	0.6798	0.6963	0.2285
sonar	0.7000	0.3000	0.7185	0.4000	0.7215
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9135	0.0865	0.6820	0.1035	0.2027
spambase	0.8935	0.1065	0.8887	0.7775	0.4609
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.9429	0.0571	0.9300	0.8600	0.3290
spectrometer	0.5000	0.0370	0.4719	0.4704	0.1793
splice-EI	0.8738	0.1262	0.8357	0.6711	0.5690
splice-IE	0.8707	0.1293	0.8202	0.6403	0.5850
sport-articles	0.7500	0.2500	0.7334	0.4667	0.7628
squash-stored	0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored	0.6000	0.2667	0.4706	0.2857	0.2642
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7043	0.1971	0.6712	0.5203	0.3120
steel-b	0.8462	0.1538	0.7684	0.5367	0.6606
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9897	0.0103	0.9843	0.9685	0.1057
steel-o	0.8000	0.2000	0.7777	0.5551	0.6857
steel-p	0.9282	0.0718	0.7481	0.4946	0.5864
steel-s	0.9744	0.0256	0.8470	0.6925	0.4821
steel-z	0.9641	0.0359	0.9061	0.8093	0.4129
stellar	0.8056	0.1296	0.6182	0.6025	0.1865
stock	0.8403	0.1597	0.7673	0.5244	0.6612
stockb	0.9824	0.0117	0.9825	0.9736	0.0528
streaming	0.8680	0.1320	0.8663	0.7318	0.5150
stress	0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle	0.6300	0.1480	0.2786	0.3708	0.3285
student-habits	0.3700	0.2520	0.1720	-0.0129	0.4301
student-weekend	0.2923	0.2831	0.1779	0.0190	0.7897
student-workday	0.6250	0.1500	0.1970	0.1059	0.4140
studentap	0.5385	0.3077	0.5342	0.2778	0.6089
susy1%	0.7182	0.2818	0.7362	0.4089	0.6287
tae	0.6667	0.2222	0.6667	0.5000	0.4870
telco-churn	0.8153	0.1847	0.7418	0.4518	0.6235
texture	0.5636	0.0793	0.5119	0.5218	0.2546
theorem	0.5859	0.4141	0.6938	0.2536	0.5281
thoracic	0.7234	0.2766	0.4848	-0.0304	0.7956
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7996	0.2004	0.7487	0.4938	0.7103
tis10%	0.7910	0.2090	0.7186	0.4371	0.7414
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.3529	0.3235	0.2625	0.1538	0.3884
toxicity	0.7059	0.2941	0.6540	0.2735	0.7752
toxicity-13f	0.5294	0.4706	0.5218	0.0423	0.9411
trains	0.5000	0.5000	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
transfusion	0.6133	0.3867	0.4117	-0.1712	0.9311
trec11-wc	0.4878	0.1138	0.1816	0.2765	0.2530
trec12-wc	0.3548	0.1613	0.1492	0.1948	0.3650
trec21-wc	0.7879	0.0848	0.3517	0.4031	0.1727
trec23-wc	0.6667	0.1111	0.2764	0.5100	0.1670
trec31-wc	0.5806	0.1398	0.2591	0.4068	0.2526
trec41-wc	0.4432	0.1114	0.1220	0.2684	0.2964
trec45-wc	0.3913	0.1217	0.1414	0.2502	0.2951
tuandromd	0.9372	0.0628	0.8994	0.7967	0.3625
turkish	0.6250	0.1875	0.6275	0.5000	0.4361
tvnews1%	0.7615	0.2385	0.7476	0.4946	0.7429
tvnews10%	0.7749	0.2251	0.7528	0.5028	0.7210
ur3_cobotops_grip	0.9660	0.0340	0.7142	0.4270	0.5623
ur3_cobotops_stop	0.9728	0.0272	0.7877	0.5695	0.4670
urban	0.6866	0.0697	0.5076	0.6239	0.2101
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
vehicle	0.6548	0.1726	0.6365	0.5380	0.3775
vehicleVAN	0.9643	0.0357	0.9533	0.9062	0.2616
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.8605	0.1395	0.8623	0.7214	0.5237
vowel	0.5859	0.0753	0.6413	0.5444	0.2022
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
wap-wc	0.2949	0.0705	0.0641	0.1786	0.3204
warpar10p	0.4615	0.1077	0.3477	0.3974	0.1822
warppie10p	0.6190	0.0762	0.6167	0.5768	0.1631
watch-acc1%	0.3143	0.1959	0.2208	0.1797	0.3932
watch-gyr1%	0.4120	0.1680	0.3330	0.3064	0.3884
water_pollution	0.2067	0.3967	0.1964	-0.0638	0.8069
waveform	0.7340	0.1773	0.7349	0.6007	0.5152
weather-related	0.4596	0.0983	0.1951	0.3479	0.2707
web-phishing	0.8519	0.0988	0.8009	0.7372	0.4169
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.8333	0.0833	0.4268	0.6667	0.1796
wifi-loc	1.0000	0.0000	1.0000	1.0000	0.0000
wilt	0.9689	0.0311	0.8071	0.5576	0.2376
wine	0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red	0.6730	0.1090	0.3351	0.4787	0.4953
winequality-white	0.6278	0.1063	0.3822	0.4510	0.5377
wisc_bc	0.8772	0.1228	0.8670	0.7335	0.5056
yale	0.5000	0.0667	0.4461	0.4667	0.1177
yeast	0.5473	0.0905	0.3480	0.4160	0.3963
yeastCYT-POX	0.9184	0.0816	0.4787	-0.0426	0.6182
yeastEXC	0.9662	0.0338	0.7155	0.4272	0.5783
yeastME1	0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2	0.9392	0.0608	0.5817	0.1527	0.6285
zip	0.3387	0.1323	0.3393	0.2200	0.3095

Table 360: Detailed results for MANN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1055	0.0617	0.0660	0.0235	0.4700
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8499	0.1501	0.7806	0.5556	0.6199
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9938	0.0062	0.4984	-0.0003	0.1661
aids	0.9155	0.0845	0.8815	0.7584	0.4058
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8500	0.1500	0.5125	0.0007	0.3332
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8000	0.0800	0.3907	0.5227	0.2497
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8791	0.1209	0.8664	0.7322	0.5039
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9764	0.0118	0.8824	0.9545	0.0506
anuran-genus	0.9638	0.0090	0.8716	0.9401	0.0927
anuran-species	0.9625	0.0075	0.8268	0.9478	0.0642
anxiety	0.1167	0.1963	0.1169	0.0029	0.7029
apple-quality	0.8975	0.1025	0.8981	0.7950	0.4330
aps-failure	0.9899	0.0101	0.8394	0.6673	0.3244
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.6444	0.0547	0.2080	0.4054	0.2397
auction	0.9412	0.0588	0.8557	0.6836	0.2804
audiology	0.5652	0.0362	0.1683	0.4911	0.1201
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.8500	0.0500	0.7137	0.7980	0.0929
avila	0.6339	0.0610	0.3851	0.4805	0.3099
babies	0.4839	0.1475	0.1584	0.1744	0.3536
balance	0.8871	0.0753	0.6113	0.7879	0.2115
bank	0.9121	0.0879	0.7637	0.5236	0.5814
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9194	0.0806	0.9121	0.8217	0.3620
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9973	0.0027	0.9190	0.8327	0.1619
bio10%	0.9945	0.0055	0.8167	0.5975	0.2371
biodeg	0.9143	0.0857	0.9097	0.8191	0.4034
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%	0.0000	0.0690	0.0000	0.0000	0.0139
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.5977	0.6700	0.0888
bridges	0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17	0.9136	0.0864	0.6516	0.2134	0.4843
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9134	0.0866	0.6606	0.2610	0.5365
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9540	0.0230	0.9010	0.9031	0.1755
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.9130	0.0870	0.9108	0.8216	0.3987
cardiotocography	0.8169	0.0366	0.7117	0.7789	0.1952
cardiotocography-nsp	0.9014	0.0657	0.8218	0.7143	0.2845
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6724	0.5609	0.4864
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7892	0.2108	0.7875	0.5738	0.6821
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.7883	0.2117	0.7886	0.5762	0.6836
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8475	0.1017	0.4163	0.0898	0.2365
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9711	0.0289	0.7961	0.5403	0.2778
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9542	0.0458	0.7558	0.4766	0.4336
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9996	0.0004	0.8884	0.7706	0.2335
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.7972	0.5942	0.4802
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8540	0.1460	0.7503	0.4804	0.6053
churn-bigml	0.9026	0.0974	0.7968	0.5923	0.5698
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.3110	0.0138	0.2534	0.3040	0.1720
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8083	0.0958	0.5591	0.6943	0.2947
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5510	0.2993	0.5173	0.2967	0.7073
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8473	0.0278	0.4600	0.8124	0.1653
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.6200	0.0507	0.4410	0.5749	0.1513
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6897	0.3103	0.6837	0.3587	0.8095
colposcopies-2	0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7596	0.2404	0.7597	0.5193	0.7345
coupon	0.7445	0.2555	0.7371	0.4712	0.7570
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.6998	0.0858	0.3069	0.4963	0.2837
covtypeCD	0.9692	0.0308	0.9324	0.8623	0.2259
covtypeT	0.9717	0.0283	0.8819	0.7548	0.2826
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9995	0.0005	0.9239	0.8442	0.1659
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9078	0.0307	0.6847	0.8051	0.1900
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.2812	0.0359	0.1830	0.2596	0.1252
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.0777	-0.0202	0.5243
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.7407	0.2593	0.7385	0.4757	0.7630
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8253	0.1747	0.7130	0.3954	0.6475
defect	0.9444	0.0556	0.8914	0.7764	0.3279
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9051	0.0949	0.7461	0.4846	0.5910
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.7500	0.1667	0.7690	0.6098	0.3265
DIA	0.7833	0.2167	0.6817	0.3500	0.7451
diabetes	0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6034	0.1586	0.4356	0.4044	0.3490
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5991	0.4009	0.5962	0.1915	0.9289
dota210%	0.5689	0.4311	0.5656	0.1305	0.9539
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7607	0.1595	0.6613	0.5947	0.4547
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5213	0.1368	0.2032	0.1642	0.5028
drug-03	0.6915	0.0881	0.1883	0.1440	0.3520
drug-04	0.5160	0.1383	0.1095	0.0489	0.3700

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2571	0.2754	0.4902
drug-07	0.5000	0.1429	0.1549	0.1543	0.3373
drug-08	0.5957	0.1155	0.2301	0.2123	0.3490
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5585	0.1261	0.1847	0.1798	0.4289
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6330	0.1049	0.1773	0.2640	0.3091
drug-14	0.6011	0.1140	0.2569	0.2880	0.4424
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6011	0.1140	0.2855	0.3386	0.4170
drug-17	0.3723	0.1793	0.1989	0.1193	0.4484
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9309	0.0197	0.9415	0.9164	0.1149
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2300	0.3850	0.2306	-0.0261	0.8678
eeg	0.3367	0.0829	0.2340	0.2584	0.5086
eeg-eye	0.7810	0.2190	0.7779	0.5530	0.6934
eeg10%	0.3604	0.0799	0.2907	0.2847	0.4949
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6575	0.1370	0.6301	0.5490	0.3248
euthyroid	0.9715	0.0285	0.9166	0.8318	0.2874
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9654	0.0346	0.9653	0.9307	0.2019
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.7895	0.8416	0.0398
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.9878	0.0041	0.9879	0.9852	0.0294
gastrointestinal	0.6250	0.2500	0.4589	0.3557	0.4877
gender	0.6084	0.2611	0.3880	0.1680	0.5580
gene	0.9306	0.0463	0.9226	0.8891	0.2118
german	0.7300	0.2700	0.6871	0.3602	0.7805
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8818	0.1182	0.8818	0.7636	0.4822
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7143	0.0952	0.6837	0.5869	0.2236
glass-g2	0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.3333	0.3333	0.2110	0.0566	0.5338
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.5206	0.0799	0.2410	0.4223	0.1582
har	0.7808	0.0877	0.7693	0.7215	0.3186
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8907	0.0312	0.5226	0.8390	0.1390
har7010%	0.8086	0.0547	0.4759	0.6954	0.1468
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.7688	0.0385	0.3487	0.6787	0.2043
harth10%	0.7372	0.0438	0.3286	0.6345	0.2112
hayes-roth	0.5000	0.3333	0.5452	0.2000	0.3327
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8478	0.1522	0.8497	0.6959	0.5522
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6973	0.3027	0.6957	0.3913	0.8253
higgs1%	0.6932	0.3068	0.6919	0.3838	0.8305
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1079	0.1083	0.3367
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9241	0.0759	0.8614	0.7216	0.4606
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6667	0.2222	0.5728	0.3915	0.5499
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.7714	0.1524	0.7766	0.6580	0.4311
ht-sensor10%	0.7531	0.1646	0.7568	0.6290	0.4666
htru2	0.9782	0.0218	0.9326	0.8643	0.2453
hypothyroid	0.9814	0.0093	0.7032	0.8894	0.1197
hypothyroidT	0.9973	0.0027	0.9906	0.9810	0.0136
ilpd	0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.8667	0.0889	0.8676	0.7945	0.1292
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.3941	0.0466	0.3663	0.3698	0.2833
jm1	0.8191	0.1809	0.6391	0.1888	0.5925
jvowels	0.9267	0.0163	0.9203	0.9169	0.1135
kc1	0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1966	0.0699	0.0423	0.0388	0.0510
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3508	0.0721	0.2127	0.2580	0.4714
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.3824	0.0309	0.2171	0.3614	0.0915
led24	0.7000	0.0600	0.6727	0.6591	0.1207
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.6165	0.0295	0.6273	0.6010	0.3135
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8333	0.0222	0.7845	0.8207	0.0503
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.8529	0.1471	0.8366	0.6718	0.5829
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8868	0.0226	0.4605	0.8418	0.0529
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.5000	0.1429	0.1905	0.3333	0.1788
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.8936	0.1064	0.8904	0.7809	0.4568
madelon	0.5615	0.4385	0.5620	0.1231	0.9564
magic04	0.8780	0.1220	0.8645	0.7198	0.4609
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8973	0.1027	0.7712	0.5259	0.5447
maternal	0.6832	0.2112	0.6927	0.5152	0.5132
math	0.7250	0.1375	0.6597	0.5665	0.3575
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.7391	0.2609	0.7335	0.4668	0.7701
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-fac	0.9700	0.0060	0.9706	0.9667	0.0377
mfeat-fou	0.8000	0.0400	0.8000	0.7778	0.1780
mfeat-kar	0.9700	0.0060	0.9706	0.9667	0.0379
mfeat-mor	0.7350	0.0530	0.7407	0.7056	0.1827
mfeat-pix	0.8200	0.0360	0.7960	0.8000	0.1081
mfeat-zer	0.8300	0.0340	0.8318	0.8111	0.1280
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5682	0.4826	0.3861
mobile	0.5105	0.0175	0.4571	0.5016	0.1902
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9180	0.0820	0.9105	0.8205	0.4023
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9803	0.0197	0.9617	0.9205	0.0742
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7518	0.2482	0.7414	0.4788	0.7453
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.8213	0.1787	0.8149	0.6279	0.6222
MUT_ci300400a_cdk_PUBCHEM	0.8383	0.1617	0.8326	0.6623	0.5812
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.8371	0.1629	0.8326	0.6636	0.5880
myocardial	0.8824	0.0294	0.2850	0.4146	0.0951
naticusdroid	0.9707	0.0293	0.9707	0.9414	0.1786
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8865	0.0120	0.2758	0.6510	0.2121
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6599	0.3401	0.6572	0.3131	0.8683
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9449	0.0551	0.9326	0.8652	0.3229
NPHA-doctor-visits	0.5417	0.3056	0.3773	0.0492	0.4422
nursery	0.9637	0.0145	0.5859	0.9463	0.0439
obesity	0.7299	0.0772	0.7260	0.6846	0.2296
obs	0.8889	0.0556	0.9132	0.8338	0.1748
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.9921	0.0039	0.9734	0.9760	0.0314
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9120	0.0880	0.6465	0.2195	0.5206
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9138	0.0862	0.6515	0.2028	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
optdigits	0.9110	0.0178	0.9153	0.9011	0.1103
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr	0.9209	0.0791	0.6211	0.1984	0.5790
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.7115	0.8353	0.2890
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.9052	0.0948	0.8989	0.7977	0.4265
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.9217	0.0783	0.9036	0.8071	0.4119
particle10%	0.9169	0.0831	0.8964	0.7926	0.4206
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8816	0.1184	0.8335	0.6538	0.4856
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9454	0.0109	0.9464	0.9393	0.0788
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7959	0.2041	0.7786	0.5541	0.6792
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9350	0.0650	0.9258	0.8501	0.3194
phishing	0.9673	0.0327	0.9657	0.9315	0.1998
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.4893	0.1459	0.3996	0.3943	0.3602
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%	0.1697	0.2372	0.0730	0.0013	0.4084
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8537	0.1463	0.8182	0.6362	0.5989
phy	0.7012	0.2988	0.7012	0.4024	0.8194
pima	0.7368	0.2632	0.7191	0.4081	0.7142
pirvision	0.9935	0.0044	0.9886	0.9793	0.0504
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5346	0.0931	0.1083	0.0971	0.2529
poker10%	0.5235	0.0953	0.1067	0.0628	0.2329
polish-1st	0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9602	0.0398	0.7577	0.4196	0.2591
polish-5th	0.9425	0.0575	0.7230	0.3889	0.4410
polya	0.7751	0.2249	0.7518	0.5027	0.7269
popularity	0.6744	0.2171	0.4250	0.2419	0.4578
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
postures	0.9022	0.0391	0.9027	0.8777	0.1746
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3030	0.0634	0.1249	0.2326	0.2308
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7761	0.2239	0.7434	0.4865	0.7347
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.8469	0.0612	0.7557	0.7891	0.2022
puc-rio10%	0.9149	0.0340	0.8505	0.8849	0.1541
pufs-1281%	0.4993	0.5007	0.4994	-0.0013	0.9960
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5042	0.4958	0.5042	0.0083	0.9976
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6502	0.3498	0.6336	0.2665	0.8861
RT_IOT2022	0.9615	0.0064	0.5246	0.9030	0.0301
satimage	0.8787	0.0404	0.8556	0.8500	0.1820
satimageF	0.9907	0.0093	0.9760	0.9519	0.1413
satimageT	0.9409	0.0591	0.8190	0.6234	0.4272
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.7353	0.2647	0.7463	0.4706	0.7108
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.9846	0.0154	0.9845	0.9689	0.1099
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9463	0.9291	0.0710
segmentation	0.8218	0.1782	0.8070	0.6139	0.6414
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.7959	0.0371	0.7986	0.7755	0.1673
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8994	0.1006	0.7920	0.5779	0.5538
shuttle	0.9955	0.0013	0.4266	0.9873	0.0059
sick	0.9708	0.0292	0.8708	0.7291	0.2857
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9989	0.0011	0.9983	0.9965	0.0234
skin10%	0.9984	0.0016	0.9975	0.9950	0.0278

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2200	0.3900	0.1991	-0.0541	0.6620
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1967	0.3213	0.1779	-0.0078	0.7197
solar-flare	0.7338	0.0887	0.5668	0.6561	0.1964
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.8971	0.0108	0.7837	0.8863	0.0393
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9261	0.0739	0.9224	0.8443	0.3511
spect	0.7778	0.2222	0.6786	0.3571	0.7720
spectf	0.9429	0.0571	0.9300	0.8600	0.3290
spectrometer	0.2642	0.0307	0.1156	0.2229	0.2189
splice-EI	0.9716	0.0284	0.9630	0.9257	0.2218
splice-IE	0.9306	0.0694	0.9031	0.8061	0.3945
sport-articles	0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored	0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8348	0.1102	0.8008	0.7273	0.3198
steel-b	0.8615	0.1385	0.7743	0.5375	0.5973
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.8051	0.1949	0.7817	0.5620	0.6735
steel-p	0.9231	0.0769	0.6783	0.3135	0.5446
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8958	0.1042	0.8125	0.6194	0.5344
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6300	0.1480	0.3549	0.3930	0.4163
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3600	0.2560	0.1059	0.0000	0.3283
student-weekend	0.4154	0.2338	0.2299	0.1406	0.5083
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6923	0.2051	0.6667	0.5185	0.4133
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.8062	0.1938	0.8050	0.6058	0.6404
susy10%	0.8008	0.1992	0.7996	0.5948	0.6508
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.5344	0.2000	0.5887
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9964	0.0007	0.9965	0.9960	0.0057
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8519	0.1481	0.7918	0.5795	0.6106
tis10%	0.7463	0.2537	0.6373	0.2720	0.8147
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity-13f	0.7647	0.2353	0.7536	0.3929	0.4155
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.1782	0.0781	0.0000	0.3066
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.8000	0.1000	0.7979	0.7333	0.2139
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%	0.8967	0.1033	0.8878	0.7737	0.4401
ur3_cobotops_grip	0.9728	0.0272	0.7346	0.4321	0.4246
ur3_cobotops_stop	0.9660	0.0340	0.6785	0.2735	0.3962
urban	0.8209	0.0398	0.8380	0.7903	0.1442
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7738	0.1131	0.7487	0.6969	0.1861
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.6970	0.0551	0.7013	0.6667	0.1538
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17	0.9228	0.0772	0.7213	0.4145	0.5387
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.3840	0.1760	0.3392	0.2713	0.3685
watch-gyr10%	0.1391	0.2460	0.0349	0.0000	0.4036
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8520	0.0987	0.8524	0.7781	0.3470
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8222	0.1185	0.7031	0.6833	0.4807
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.3748	0.2501	0.2119	0.1504	0.4125
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9959	0.0041	0.9793	0.9578	0.1858
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5409	0.1530	0.2539	0.2552	0.4202
winequality-white	0.5337	0.1332	0.2832	0.2554	0.3964
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9844	0.0045	0.9678	0.9802	0.0340
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5676	0.0865	0.4425	0.4399	0.3817
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
zip	0.8387	0.0323	0.8306	0.8188	0.1672

Table 361: Detailed results for MARS

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1831	0.0778	0.1251	0.1005	0.5280
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9831	0.0169	0.6687	0.1265	0.1538
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9665	0.0335	0.9277	0.8485	0.1787
adult	0.8557	0.1443	0.7870	0.5645	0.5937
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8967	0.1033	0.8538	0.7007	0.4642
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7619	0.0952	0.2709	0.4159	0.2412
all-aml	0.8333	0.1667	0.8537	0.6667	0.4644
alzheimers	0.9488	0.0512	0.9437	0.8871	0.2728
anneal	0.9775	0.0090	0.9732	0.9524	0.0790
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9680	0.0160	0.9538	0.9387	0.0769
anuran-genus	0.9263	0.0184	0.7988	0.8775	0.1756
anuran-species	0.9500	0.0100	0.8905	0.9302	0.0838
anxiety	0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality	0.7625	0.2375	0.7627	0.5250	0.7292
aps-failure	0.9882	0.0118	0.8115	0.6128	0.3842
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.8000	0.2000	0.7897	0.5652	0.6314
arrhythmia	0.7333	0.0533	0.5726	0.5577	0.2263
auction	0.9608	0.0392	0.9093	0.8177	0.3296
audiology	0.9091	0.0165	0.8670	0.8940	0.0440
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9500	0.0200	0.9520	0.9340	0.0427
avila	0.6258	0.0624	0.4112	0.4720	0.3387
babies	0.5000	0.1429	0.2064	0.2063	0.3516
balance	0.9032	0.0645	0.6243	0.8175	0.1568
bank	0.9119	0.0881	0.7548	0.5004	0.5700
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8825	0.1175	0.8712	0.7372	0.4647
basehock	0.9045	0.0955	0.9093	0.8092	0.3617
bio	0.9970	0.0029	0.9096	0.8108	0.1500
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.9048	0.0952	0.8990	0.7981	0.4308
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.9091	0.0909	0.9167	0.8197	0.3145
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7490	0.6733	0.1057
bridges	0.7000	0.1000	0.6333	0.5714	0.2002
bub10at310k-hg16-17	0.9200	0.0800	0.6930	0.3149	0.4782
bub12at310k-hg16-17	0.9177	0.0823	0.6788	0.2779	0.4780
bub8at310k-hg16-17	0.9176	0.0824	0.6935	0.3502	0.5526
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8908	0.0546	0.7309	0.7683	0.2982
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.8169	0.0366	0.7788	0.7796	0.2133
cardiotocography-nsp	0.8920	0.0720	0.8222	0.7008	0.3805
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6310	0.5000	0.5775
cas_N6512_cdk_ECFP2	0.7266	0.2734	0.7252	0.4503	0.7858
cas_N6512_rdkit_ATOMPAIR	0.6800	0.3200	0.6775	0.3550	0.8472
cas_N6512_RDkit_AtomPair_FP	0.7132	0.2868	0.7106	0.4204	0.8038
cas_N6512_rdkit_AVALON	0.7450	0.2550	0.7432	0.4864	0.7590
cas_N6512_RDkit_Avalon_FP	0.7607	0.2393	0.7602	0.5200	0.7328
cas_N6512_rdkit_descriptors	0.6985	0.3015	0.6970	0.3939	0.8238
cas_N6512_rdkit_FEATMORGAN	0.7081	0.2919	0.7056	0.4110	0.8114
cas_N6512_RDkit_Featmorgan_FP	0.7301	0.2699	0.7285	0.4569	0.7811
cas_N6512_RDkit_FP	0.7086	0.2914	0.7059	0.4112	0.8102
cas_N6512_rdkit_LAYERED	0.7431	0.2569	0.7419	0.4837	0.7615
cas_N6512_RDkit_Layered_FP	0.7500	0.2500	0.7485	0.4969	0.7513

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.7546	0.2454	0.7539	0.5075	0.7430
cas_N6512_rdkit_MORGAN	0.7508	0.2492	0.7487	0.4969	0.7492
cas_N6512_RDkit_morgan_FP	0.7285	0.2715	0.7279	0.4555	0.7817
cas_N6512_rdkit_PATTERN	0.7738	0.2262	0.7723	0.5447	0.7125
cas_N6512_RDkit_pattern_FP	0.7500	0.2500	0.7501	0.4993	0.7482
cas_N6512_rdkit_RDKITFP	0.7127	0.2873	0.7110	0.4221	0.8053
cas_N6512_rdkit_TORSION	0.6846	0.3154	0.6849	0.3689	0.8375
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8486	0.1009	0.4265	0.2112	0.3287
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7720	0.2280	0.7486	0.4971	0.7342
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7844	0.4877	0.2146
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9549	0.0451	0.7599	0.4842	0.4256
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9997	0.0003	0.9106	0.8126	0.1338
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9991	0.0009	0.7856	0.5710	0.4672
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8430	0.1570	0.7316	0.4470	0.6461
churn-bigml	0.8951	0.1049	0.7658	0.5182	0.5634
ci900367j_MACCS	0.7053	0.2947	0.6808	0.3600	0.8260
circles	0.9930	0.0001	0.9933	0.9929	0.0027
cirrhosis	0.9048	0.0635	0.8509	0.8129	0.2022
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7593	0.1204	0.4949	0.6023	0.2968
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5646	0.2902	0.5427	0.3129	0.6682
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.7475	0.0459	0.4976	0.6876	0.2696
coil20	0.8333	0.0167	0.8381	0.8246	0.0920
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2	0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3	0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4	0.5862	0.4138	0.4372	-0.1226	0.9524
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.6552	0.3448	0.6656	0.2995	0.7967
colposcopies-c	0.8276	0.1724	0.7526	0.3777	0.3360
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
connect-4	0.9822	0.0118	0.6115	0.3608	0.0355
cottonmeloidogyne	0.7260	0.2740	0.7259	0.4518	0.7858
coupon	0.6948	0.3052	0.6855	0.3688	0.8292
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.7227	0.0792	0.5330	0.5426	0.3917
covtypeCD	0.9692	0.0308	0.9331	0.8653	0.2598
covtypeT	0.9616	0.0384	0.8398	0.6740	0.4129
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8774	0.0409	0.6447	0.7379	0.2539
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.1875	0.0508	0.1442	0.1613	0.1740
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.8148	0.1852	0.8149	0.6281	0.6331
cylinder-bands	0.7593	0.2407	0.7527	0.5049	0.7398
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8263	0.1737	0.7128	0.3858	0.6261
defect	0.9568	0.0432	0.9166	0.8231	0.1976
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8965	0.1035	0.7104	0.4043	0.6086
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.7879	0.6098	0.3703
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.6153	0.2105	0.7950
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5588	0.2941	0.3498	0.0929	0.4855
diabetic10%	0.1120	0.5920	0.0671	0.0000	0.4006
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7729	0.0908	0.7554	0.6761	0.3213
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5000	0.5000	0.5299	0.0526	0.9218
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5359	0.4641	0.5389	0.0769	0.9700
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7540	0.1640	0.6674	0.5834	0.4785
drug-01	0.4096	0.1687	0.1639	0.0566	0.4382
drug-02	0.5106	0.1398	0.1199	0.0449	0.3712
drug-03	0.6915	0.0881	0.1907	0.0904	0.3216
drug-04	0.5106	0.1398	0.1449	0.0698	0.4604
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-06	0.4574	0.1550	0.2695	0.3040	0.4258
drug-07	0.4309	0.1897	0.1004	0.0000	0.2655
drug-08	0.5798	0.1201	0.2219	0.1610	0.3785
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1759	0.1491	0.4028
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1789	0.2671	0.3340
drug-14	0.5957	0.1155	0.2650	0.2624	0.4123
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6117	0.1109	0.2752	0.3379	0.3796
drug-17	0.3830	0.1763	0.2727	0.1382	0.4557
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9192	0.0231	0.9308	0.9022	0.1304
ecoli	0.9118	0.0294	0.7783	0.8747	0.0764
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.3504	0.0812	0.2991	0.2724	0.6360
eeg-eye	0.6669	0.3331	0.6600	0.3155	0.8561
eeg10%	0.3469	0.0816	0.3096	0.2714	0.6214
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6438	0.1425	0.6170	0.5391	0.3842
euthyroid	0.9684	0.0316	0.9106	0.8212	0.3529
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9315	0.0685	0.9313	0.8625	0.3332
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.6179	0.0450	0.4191	0.5663	0.2569
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9038	0.0481	0.8906	0.8669	0.1249
gas	0.9648	0.0117	0.9634	0.9573	0.0713
gastrointestinal	0.7500	0.1667	0.6925	0.5975	0.4319
gender	0.6211	0.2526	0.5261	0.1838	0.4923
gene	0.9306	0.0463	0.9232	0.8897	0.1990
german	0.7400	0.2600	0.6980	0.3705	0.7408
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8905	0.1095	0.8904	0.7809	0.4590
gisette	0.9357	0.0643	0.9359	0.8714	0.3155
glass	0.7619	0.0794	0.6981	0.6708	0.2026
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma	1.0000	0.0000	1.0000	1.0000	0.0000
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.3500	0.0854	0.5343
gsalc	0.7778	0.0741	0.7059	0.7313	0.0884
haberman	0.6667	0.3333	0.5739	0.1477	0.8809
hapt	0.8847	0.0192	0.7177	0.8636	0.1383
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.1850	0.2329	0.0446	0.0000	0.2874
har701%	0.8730	0.0363	0.5149	0.8125	0.1461
har7010%	0.8679	0.0377	0.5111	0.8038	0.1537
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.8030	0.0328	0.3760	0.7290	0.1996
harth10%	0.7925	0.0346	0.3757	0.7138	0.2065
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.9630	0.0370	0.9635	0.9244	0.1967
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8406	0.1594	0.8406	0.6811	0.5814
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.7134	0.4179	0.7400
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.7055	0.2945	0.7039	0.4076	0.8146
higgs1%	0.6838	0.3162	0.6817	0.3629	0.8415
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.2500	0.0888	0.3443
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9106	0.0894	0.8377	0.6748	0.5165
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.5468	0.2613	0.6395
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.6964	0.2024	0.7013	0.5459	0.5283
ht-sensor10%	0.6941	0.2039	0.6993	0.5427	0.5283
htru2	0.9804	0.0196	0.9390	0.8754	0.1831
hypothyroid	0.9920	0.0040	0.7384	0.9532	0.0786
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.6610	0.3390	0.5403	0.0767	0.9032
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8857	0.1143	0.8767	0.7473	0.4951
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.6893	0.0239	0.6942	0.6769	0.2305
jm1	0.8145	0.1855	0.6270	0.1826	0.6361
jvowels	0.9116	0.0196	0.9038	0.8998	0.1261
kc1	0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9941	0.0009	0.7011	0.9901	0.0527
kddcup9910%	0.9964	0.0004	0.5664	0.9939	0.0420
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3316	0.0743	0.2938	0.2373	0.5060
krvskp	0.9561	0.0439	0.9567	0.9122	0.2324
la1s-wc	0.7079	0.0974	0.6239	0.6303	0.3524
la2s-wc	0.7252	0.0916	0.7071	0.6500	0.3541
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5294	0.0409	0.4964	0.5068	0.1341
led24	0.6500	0.0778	0.6847	0.6045	0.1898
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.6995	0.0231	0.7043	0.6874	0.2867
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7778	0.0296	0.7750	0.7610	0.1046
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7059	0.2941	0.6808	0.3585	0.8145
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.4091	0.1074	0.0960	0.1509	0.3366
localization10%	0.5006	0.0908	0.2628	0.3418	0.5231
lrs	0.8491	0.0431	0.7543	0.7909	0.1275
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	0.8750	0.0500	0.9000	0.8431	0.0660
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7323	0.7938	0.1780
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.8456	0.6147	0.3285
lymphoma2	0.6667	0.1111	0.5556	0.5714	0.1548
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.6115	0.3885	0.6123	0.2231	0.9142
magic04	0.8522	0.1478	0.8347	0.6655	0.5590
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8929	0.1071	0.7556	0.4828	0.5351
maternal	0.6634	0.2244	0.6697	0.4784	0.4572
math	0.8250	0.0875	0.7484	0.7338	0.2909
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.7478	0.2522	0.7441	0.4881	0.7563
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8914	0.8487	0.1442
meter-D	1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac	0.9300	0.0140	0.9313	0.9222	0.0855
mfeat-fou	0.7800	0.0440	0.7786	0.7556	0.1878

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-kar	0.9200	0.0160	0.9226	0.9111	0.0890
mfeat-mor	0.7200	0.0560	0.7231	0.6889	0.1993
mfeat-pix	0.8500	0.0300	0.8538	0.8333	0.1646
mfeat-zer	0.7600	0.0480	0.7675	0.7333	0.2055
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9906	0.0063	0.9918	0.9855	0.0283
mines	0.5294	0.1882	0.4930	0.4119	0.3817
mobile	0.7238	0.0099	0.7326	0.7187	0.1222
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9167	0.0833	0.8243	0.6221	0.3997
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.7689	0.2311	0.7632	0.5263	0.7249
MUT_ci300400a_cdk_ECFP6	0.7269	0.2731	0.7166	0.4319	0.7890
MUT_ci300400a_cdk_ESTATE	0.7218	0.2782	0.7127	0.4252	0.7974
MUT_ci300400a_cdk_EXTENDED	0.7722	0.2278	0.7647	0.5292	0.7199
MUT_ci300400a_cdk_FCFP2	0.7569	0.2431	0.7479	0.4947	0.7439
MUT_ci300400a_cdk_FCFP4	0.7410	0.2590	0.7312	0.4613	0.7684
MUT_ci300400a_cdk_FCFP6	0.7686	0.2314	0.7618	0.5236	0.7262
MUT_ci300400a_cdk_MACCS	0.7386	0.2614	0.7275	0.4513	0.7670
MUT_ci300400a_cdk_PUBCHEM	0.7940	0.2060	0.7863	0.5710	0.6776
MUT_ci300400a_cdk_STANDARD	0.7653	0.2347	0.7569	0.5132	0.7308
MUT_ci300400a_rdkit_descriptors	0.7556	0.2444	0.7494	0.4986	0.7459
myocardial	0.9059	0.0235	0.4991	0.5813	0.1936
naticusdroid	0.9526	0.0474	0.9527	0.9052	0.2548
NCI60	0.5000	0.1667	0.4545	0.4000	0.1541
nci9	0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA1%	0.8849	0.0121	0.2916	0.6623	0.2833
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6640	0.3360	0.6614	0.3221	0.8645
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9431	0.0569	0.9298	0.8595	0.3204
NPHA-doctor-visits	0.5139	0.3241	0.2263	-0.0223	0.4554
nursery	0.9182	0.0409	0.6977	0.8788	0.1232
obesity	0.8436	0.0447	0.8423	0.8174	0.1907
obs	0.8704	0.0648	0.9067	0.8077	0.1806
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9911	0.0044	0.9682	0.9729	0.0175
oh0-wc	0.8020	0.0396	0.8419	0.7696	0.1311
oh10-wc	0.6667	0.0667	0.6805	0.6189	0.2198
oh15-wc	0.6739	0.0652	0.7124	0.6201	0.2481
oh5-wc	0.6593	0.0681	0.7510	0.6127	0.2137
ohscal-wc	0.5959	0.0808	0.6609	0.5504	0.3455
olive	0.9123	0.0195	0.8798	0.8920	0.0965
opn310k	0.9178	0.0822	0.6822	0.2975	0.5001
opn310k10%	0.9218	0.0782	0.6979	0.3444	0.5112
opnat310k-hg16-17	0.9196	0.0804	0.6906	0.3061	0.4730
optdigits	0.8327	0.0335	0.8338	0.8141	0.2053
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.7500	0.0125	0.7082	0.7436	0.0455

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.6369	0.2116	0.5304
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7990	0.2010	0.7769	0.5538	0.6902
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8095	0.1905	0.8102	0.6190	0.6431
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.8585	0.8731	0.1368
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.9431	0.0569	0.9399	0.8768	0.2583
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.9123	0.0877	0.8909	0.7817	0.4386
particle10%	0.9185	0.0815	0.8996	0.7991	0.4228
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5876	0.4124	0.5435	0.0262	0.6698
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8752	0.7500	0.4624
pediatric-leukemia	0.8235	0.0504	0.8563	0.7841	0.1345
pendigits	0.9227	0.0155	0.9218	0.9140	0.1072
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8134	0.1866	0.7983	0.5949	0.6478
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9500	0.0500	0.9432	0.8843	0.2437
phishing	0.9510	0.0490	0.9489	0.8976	0.2724
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.9970	0.0030	0.9970	0.9939	0.0223
phone-acc0.1%	0.7266	0.0781	0.7098	0.6799	0.2942
phone-acc1%	0.7284	0.0776	0.7131	0.6818	0.3021
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.7258	0.0784	0.7086	0.6787	0.2966
phone-gyr1%	0.7290	0.0774	0.7131	0.6826	0.2984
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8222	0.1778	0.7734	0.5442	0.6627
phy	0.7004	0.2996	0.7005	0.4006	0.8196
pima	0.7237	0.2763	0.7029	0.3973	0.7848
pirvision	0.9895	0.0070	0.9816	0.9667	0.0635
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7368	0.2632	0.7531	0.4809	0.6961
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th	0.9541	0.0459	0.7137	0.3798	0.4557
polish-5th	0.9374	0.0626	0.6954	0.3452	0.5045
polya	0.7568	0.2432	0.7268	0.4482	0.7501
popularity	0.6782	0.2145	0.4966	0.2540	0.4693
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7307	0.1077	0.7289	0.6634	0.3492
pred-tox_mutagen_ref-desc	0.7353	0.2647	0.7353	0.4706	0.7723
prestige	0.8889	0.0741	0.9106	0.8235	0.1370
primary-tumor	0.3333	0.1026	0.2170	0.2508	0.3391

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6866	0.3134	0.5921	0.1145	0.7209
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8986	0.0405	0.8278	0.8626	0.1807
puc-rio10%	0.9034	0.0386	0.8309	0.8692	0.1683
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8778	0.1222	0.8779	0.7556	0.4920
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.7467	0.0390	0.4323	0.6582	0.2519
re1-wc	0.6867	0.0251	0.3132	0.6260	0.1882
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6328	0.3672	0.6109	0.2195	0.9032
RT_IOT2022	0.9886	0.0019	0.9140	0.9714	0.0235
satimage	0.8911	0.0363	0.8722	0.8656	0.1635
satimageF	0.9891	0.0109	0.9721	0.9442	0.1683
satimageT	0.9378	0.0622	0.8075	0.5972	0.4369
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.8456	0.1544	0.8434	0.6866	0.5723
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.9610	0.0111	0.9657	0.9544	0.0511
segmentation	0.8218	0.1782	0.8028	0.6042	0.6372
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9704	0.0054	0.9714	0.9675	0.0410
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9002	0.0998	0.7947	0.5842	0.5538
shuttle	0.9972	0.0008	0.6305	0.9922	0.0041
sick	0.9682	0.0318	0.8573	0.6981	0.2956
sirtuin6	0.8000	0.2000	0.8000	0.6000	0.6644
skin	0.9560	0.0440	0.9339	0.8677	0.3184
skin10%	0.9510	0.0490	0.9254	0.8507	0.3314
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7554	0.0815	0.6968	0.6846	0.1876
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9196	0.0804	0.9156	0.8297	0.3646
spect	0.7037	0.2963	0.6196	0.2340	0.8108
spectf	0.9143	0.0857	0.8928	0.7835	0.4068
spectrometer	0.6154	0.0285	0.4971	0.5912	0.1301
splice-EI	0.9527	0.0473	0.9418	0.8801	0.3165
splice-IE	0.9085	0.0915	0.8728	0.7456	0.4757
sport-articles	0.8600	0.1400	0.8486	0.6857	0.4988
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8662	0.0892	0.8324	0.7818	0.2897
steel-b	0.8205	0.1795	0.7371	0.4737	0.7062
steel-d	0.9744	0.0256	0.8355	0.6539	0.5313
steel-k	0.9949	0.0051	0.9921	0.9841	0.0266
steel-o	0.7846	0.2154	0.7535	0.4873	0.6684
steel-p	0.9282	0.0718	0.7481	0.4946	0.5864
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9931	0.0069	0.9882	0.9762	0.0333
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6300	0.1480	0.3505	0.3967	0.4266
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4154	0.2338	0.3096	0.1564	0.5079
student-workday	0.7031	0.1187	0.2263	0.1443	0.3366
studentap	0.4615	0.3590	0.3636	0.1415	0.6139
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.8006	0.1994	0.7992	0.5945	0.6527
susy10%	0.7974	0.2026	0.7959	0.5882	0.6593
swarm_aligned	0.9979	0.0021	0.9976	0.9952	0.0263
swarm_flocking	0.9975	0.0025	0.9975	0.9950	0.0232
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4000	0.4000	0.3490	0.1000	0.5880
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9818	0.0033	0.9830	0.9799	0.0283
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.8000	0.2000	0.7780	0.5557	0.6888
tis	0.9073	0.0927	0.8729	0.7449	0.4617
tis10%	0.9030	0.0970	0.8638	0.7123	0.3917
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.7647	0.1176	0.7728	0.6837	0.2378
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5749	0.1379	0.8346

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec11-wc	0.8537	0.0325	0.7724	0.8208	0.1141
trec12-wc	0.8387	0.0403	0.8853	0.8098	0.1673
trec21-wc	0.8182	0.0727	0.5154	0.6214	0.3423
trec23-wc	0.7143	0.0952	0.3882	0.5922	0.2537
trec31-wc	0.9462	0.0179	0.9594	0.9288	0.0867
trec41-wc	0.8864	0.0227	0.7576	0.8619	0.1408
trec45-wc	0.8406	0.0319	0.7807	0.8156	0.1162
tuandromd	0.9731	0.0269	0.9586	0.9172	0.2311
turkish	0.8000	0.1000	0.8099	0.7333	0.2630
tvnews	0.8685	0.1315	0.8570	0.7132	0.5277
tvnews1%	0.8923	0.1077	0.8832	0.7647	0.4545
tvnews10%	0.8782	0.1218	0.8680	0.7355	0.5034
ur3_cobotops_grip	0.9673	0.0327	0.6361	0.1894	0.4211
ur3_cobotops_stop	0.9728	0.0272	0.7757	0.5322	0.4257
urban	0.7463	0.0564	0.7686	0.7036	0.2036
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7381	0.1310	0.7041	0.6473	0.2959
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.7500	0.2500	0.7044	0.4000	0.7643
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4848	0.0937	0.5163	0.4333	0.2532
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9142	0.0858	0.6621	0.2560	0.5187
wap-wc	0.5256	0.0474	0.3802	0.4515	0.2863
warpar10p	0.6923	0.0615	0.6055	0.6510	0.0995
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.7111	0.0825	0.7033	0.6618	0.3413
watch-acc10%	0.7011	0.0854	0.6932	0.6498	0.3506
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.7202	0.0799	0.7103	0.6729	0.3000
watch-gyr10%	0.6924	0.0879	0.6796	0.6404	0.3479
water_pollution	0.2633	0.3683	0.1917	0.0053	0.4808
waveform	0.8220	0.1187	0.8220	0.7329	0.3982
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8593	0.0938	0.6679	0.7405	0.3848
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.7391	0.1044	0.7198	0.6687	0.3922
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9876	0.0124	0.9371	0.8735	0.3108
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5409	0.1530	0.2580	0.2503	0.5274
winequality-white	0.5378	0.1541	0.3312	0.2640	0.4820
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9708	0.0083	0.9697	0.9631	0.0631
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.6875	0.0417	0.6923	0.6667	0.0787
yeast	0.5338	0.1036	0.3962	0.3961	0.3939
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.8376	0.0325	0.8226	0.8180	0.2180

Table 362: Detailed results for MDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9797	0.0203	0.5237	0.0247	0.4494
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9323	0.0677	0.4825	-0.0331	0.6496
AID_652128	0.8384	0.1077	0.3040	-0.0476	0.6183
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8357	0.1643	0.7635	0.5204	0.6475
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8837	0.1163	0.8714	0.7417	0.4884
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9875	0.0125	0.8214	0.5663	0.5239
anuran-family	0.9471	0.0264	0.8740	0.8992	0.2561
anuran-genus	0.9624	0.0094	0.8795	0.9388	0.2007
anuran-species	0.9736	0.0053	0.9417	0.9633	0.0684
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.8100	0.1900	0.8104	0.6200	0.6427
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.8725	0.1275	0.6547	0.2863	0.6608

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.5414	0.0764	0.4626	0.3315	0.6531
babies	0.4032	0.1705	0.1342	0.0680	0.4934
balance	0.9032	0.0645	0.7237	0.8244	0.3280
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8476	0.1524	0.8385	0.6769	0.5797
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9749	0.0023	0.0601	-0.0025	0.1125
bitcoin1%	0.9849	0.0043	0.1418	-0.0011	0.2492
bitcoin10%	0.9673	0.0059	0.0900	-0.0060	0.1601
body-perf	0.6187	0.1907	0.6198	0.4915	0.5109
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.7000	0.3000	0.4118	0.0000	0.4416
caesarian	0.7500	0.2500	0.8000	0.5294	0.5000
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.7700	0.0460	0.7349	0.7251	0.2948
cardiotocography-nsp	0.8732	0.0845	0.7744	0.6695	0.4694
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.7750	0.1500	0.6638	0.5824	0.4060
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.7239	0.2761	0.7219	0.4438	0.7899
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.7435	0.2565	0.7417	0.4834	0.7612

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7617	0.2383	0.7467	0.4914	0.7410
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9992	0.0008	0.8504	0.6773	0.5148
chrom191%	0.9982	0.0018	0.7055	0.3992	0.5322
chronic-kidney	0.9337	0.0663	0.7096	0.3282	0.3984
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.3810	0.4127	0.1839	0.0000	0.3169
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8083	0.0958	0.6322	0.6963	0.3368
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.6431	0.2424	0.5963
cmc	0.4490	0.3673	0.4402	0.1457	0.7789
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8695	0.0237	0.7038	0.8422	0.2621
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.8966	0.1034	0.8839	0.7655	0.4433
colposcopies-2	0.5862	0.4138	0.5451	0.0890	0.9496
colposcopies-3	0.5862	0.4138	0.5735	0.1471	0.9416
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.6552	0.3448	0.4777	-0.0432	0.8064
colposcopies-6	0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.8710	0.1290	0.8634	0.7195	0.5250
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7548	0.2452	0.7548	0.5095	0.7424
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crowdsourced	0.9032	0.0323	0.7891	0.8050	0.3881
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.8125	0.0094	0.6307	0.8068	0.0208
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8160	0.1840	0.6890	0.3126	0.6061
defect	0.9043	0.0957	0.8022	0.5592	0.3930
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8462	0.1538	0.6575	0.1747	0.4663
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.3750	0.4167	0.3028	0.0000	0.6592
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7562	0.1625	0.6797	0.5911	0.4708
drug-01	0.4096	0.1687	0.2358	0.0963	0.7102
drug-02	0.5000	0.1429	0.2400	0.1433	0.6848
drug-03	0.6543	0.0988	0.1338	0.0580	0.4597
drug-04	0.5106	0.1398	0.2247	0.1159	0.6328
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.3777	0.1778	0.2341	0.2225	0.6274
drug-07	0.4521	0.1565	0.1633	0.0876	0.4662
drug-08	0.5532	0.1277	0.2256	0.1787	0.5490
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.2588	0.1641	0.4494
drug-11	0.8351	0.0471	0.1304	0.0083	0.2626
drug-12	0.7660	0.0669	0.1247	0.0024	0.4592
drug-13	0.6011	0.1140	0.2471	0.2471	0.4133
drug-14	0.5745	0.1216	0.2328	0.2454	0.4689
drug-15	0.7500	0.0714	0.1232	0.0169	0.3327
drug-16	0.5745	0.1216	0.2935	0.3215	0.4972
drug-17	0.3511	0.1854	0.1814	0.1030	0.5862
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7447	0.0729	0.1586	0.0381	0.4818
drybean	0.9074	0.0265	0.9299	0.8883	0.1272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ecoli	0.8824	0.0392	0.7294	0.8365	0.1255
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6862	0.3138	0.6809	0.3496	0.8155
eeg10%	0.3418	0.0823	0.3525	0.2772	0.7010
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9008	0.8943	0.1218
gas	0.9669	0.0110	0.9652	0.9599	0.0645
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5937	0.2709	0.3746	0.1308	0.5168
gene	0.9085	0.0610	0.9049	0.8552	0.2654
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
glass	0.7619	0.0794	0.7176	0.6656	0.2136
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.8636	0.1364	0.7471	0.3529	0.4422
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.7278	0.1089	0.7247	0.6569	0.4178
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7580	0.0692	0.4292	0.6184	0.3662
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.3125	0.4583	0.3765	-0.0732	0.6346
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7794	0.5525	0.6913
heart-attack	0.7742	0.2258	0.7741	0.5470	0.7087

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure	0.8540	0.1460	0.8247	0.6380	0.5390
heart-quantum	0.9000	0.1000	0.8970	0.7934	0.4416
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6500	0.3500	0.6483	0.2858	0.8572
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0714	0.2321	0.0417	-0.0643	0.4097
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.6313	0.2458	0.6367	0.4495	0.6075
htru2	0.9799	0.0201	0.9375	0.8736	0.2146
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.5600	0.4400	0.3590	0.0000	0.5150
jm1	0.8136	0.1864	0.6200	0.1512	0.6019
jvowels	0.9408	0.0132	0.9379	0.9329	0.0946
kc1	0.8626	0.1374	0.6845	0.3196	0.5977
kc1-class-level-defectiveornot	0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.8077	0.1923	0.6751	0.3350	0.7254
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3633	0.0707	0.3669	0.2850	0.5972
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0230	0.7551	0.7223	0.0730
led24	0.6500	0.0778	0.6782	0.6011	0.1969
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.8235	0.0136	0.8246	0.8164	0.1857
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8333	0.0222	0.8665	0.8213	0.0740
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9972	0.0028	0.8617	0.7024	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7647	0.2353	0.7455	0.4868	0.7356
loan	0.9227	0.0773	0.9181	0.8361	0.3769
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8302	0.0485	0.6837	0.7657	0.1553
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5654	0.4346	0.5654	0.1308	0.9571
magic04	0.8096	0.1904	0.7847	0.5564	0.6305
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.4688	0.5312	0.3191	0.0000	0.5307
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.5941	0.2706	0.6040	0.3770	0.5653
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.6609	0.3391	0.6617	0.3210	0.8595
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	0.2222	0.5185	0.1212	0.0000	0.4199
meter-C	0.3333	0.3333	0.1250	0.0000	0.3773
meter-D	0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.8300	0.0340	0.8359	0.8111	0.1419
mfeat-kar	0.9650	0.0070	0.9661	0.9611	0.0435
mfeat-mor	0.7100	0.0580	0.7078	0.6778	0.1996
mfeat-pix	0.9800	0.0040	0.9806	0.9778	0.0250
mfeat-zer	0.8650	0.0270	0.8712	0.8500	0.0928
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.8962	0.0692	0.8940	0.8415	0.2459
mines	0.5588	0.1765	0.5502	0.4481	0.3702
mobile	0.7937	0.0074	0.8086	0.7899	0.0956
monks-1	0.8000	0.2000	0.8003	0.6001	0.6632
monks-2	0.8197	0.1803	0.8027	0.6051	0.6485
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
musk	0.9333	0.0667	0.8627	0.7074	0.3316
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_STANDARD	0.7880	0.2120	0.7821	0.5641	0.6927
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9075	0.0925	0.8097	0.6043	0.4838
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4306	0.3796	0.3107	-0.0569	0.7874
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.4630	0.2685	0.1582	0.0000	0.3435
occupancy	0.9878	0.0122	0.9833	0.9663	0.1347
Occupancy_Estimation	0.9911	0.0044	0.9698	0.9730	0.0335
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9066	0.0934	0.4755	-0.0091	0.4249
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr	0.9091	0.0909	0.5308	0.0456	0.6418
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9525	0.0190	0.7431	0.7257	0.3276
parkinson	0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons	0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8985	0.1015	0.8754	0.7507	0.4861
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9189	0.0811	0.6396	0.2671	0.6352
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9572	0.0086	0.9571	0.9524	0.0613
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.3571	-0.2000	0.9762
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9510	0.0490	0.9485	0.8965	0.2569
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8037	0.1963	0.7574	0.5147	0.7033
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6842	0.3158	0.6558	0.2897	0.8130
pirvision	0.9758	0.0161	0.9568	0.9220	0.1129
placement	0.7760	0.2240	0.7713	0.5423	0.7121
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9597	0.0403	0.5715	0.0413	0.3170
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9429	0.0571	0.5309	0.0238	0.4448
polish-5th	0.9255	0.0745	0.6129	0.1840	0.5795
polya	0.7859	0.2141	0.7614	0.5195	0.7025
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6353	0.2647	0.8828
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4875	0.5125	0.4875	-0.0250	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9808	0.0192	0.9407	0.8785	0.1663
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9868	0.0132	0.9867	0.9733	0.0874
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6459	0.3541	0.6322	0.2644	0.8892
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8911	0.0363	0.8705	0.8653	0.1583
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9036	0.0964	0.6792	0.3328	0.6049
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9274	0.9038	0.0893
segmentation	0.8168	0.1832	0.7962	0.5893	0.6424
segmentO	0.9913	0.0087	0.9828	0.9655	0.1114
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8421	0.1579	0.5729	0.1324	0.7393
sens-6-gram	0.8658	0.1342	0.6106	0.1647	0.6204
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.9705	0.0084	0.7152	0.9192	0.3066
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9712	0.0288	0.9600	0.9168	0.2559
skin10%	0.9698	0.0302	0.9582	0.9129	0.2632
smarket	0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9545	0.0455	0.8635	0.7270	0.4511
spambase	0.9043	0.0957	0.8998	0.7961	0.4005
spect	0.6667	0.3333	0.5452	0.0899	0.8578
spectf	0.7429	0.2571	0.7152	0.4220	0.7591
spectrometer	0.5769	0.0313	0.4298	0.5523	0.1287
splice-EI	0.9495	0.0505	0.9372	0.8716	0.3306
splice-IE	0.9054	0.0946	0.8716	0.7428	0.4920
sport-articles	0.8300	0.1700	0.8144	0.6249	0.6065
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.0821	0.9179	0.0758	0.0000	0.2013
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8681	0.1319	0.7511	0.4846	0.5969
stockb	0.3348	0.4435	0.1672	0.0000	0.4165
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7644	0.2356	0.7682	0.5142	0.6661
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.4667	0.3556	0.5111	0.2000	0.5567
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.0282	0.9718	0.0274	0.0000	0.0768
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.3227	0.6773	0.2440	0.0000	0.4945
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6898	0.2056	0.4505
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.8000	0.1000	0.8000	0.7333	0.2424
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9429	0.0571	0.5477	0.0955	0.6116
ur3_cobotops_stop	0.9646	0.0354	0.6787	0.0690	0.1045
urban	0.8060	0.0431	0.8066	0.7734	0.1662
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7500	0.1250	0.7113	0.6628	0.2622
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5455	0.0826	0.5422	0.5000	0.2154
vowelZ	0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8560	0.0960	0.8562	0.7840	0.3398

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
web-phishing	0.7407	0.1728	0.5580	0.5361	0.5834
Weekly	0.9630	0.0370	0.9627	0.9247	0.2012
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9607	0.0393	0.7714	0.5378	0.5078
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5849	0.1384	0.2751	0.3270	0.4706
winequality-white	0.5256	0.1356	0.2780	0.2668	0.4741
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5405	0.1021	0.4326	0.4126	0.4630
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9392	0.0608	0.6387	0.2761	0.6261
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 363: Detailed results for MKLSSVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0048	0.0686	0.0108	0.0036	0.4617
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.5120	0.4880	0.5358	0.0100	0.1143
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.8994	0.1006	0.7649	0.4038	0.2309
AID_1431	0.8730	0.1270	0.6016	0.2032	0.6992
AID_1431_KlekotaRothFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_MACCSFingerprinter	0.8333	0.1667	0.4545	-0.0907	0.7189
AID_1878	0.8000	0.2000	0.6415	0.2811	0.7689
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.7778	0.1481	0.3698	0.0294	0.5968
AID1284Morered	0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red	0.7222	0.2778	0.5709	0.1304	0.7210
AID1608Morered	0.8835	0.1165	0.5953	0.1879	0.6599
AID1608red	0.8544	0.1456	0.4607	-0.0752	0.5990
AID362red	0.8178	0.1822	0.4983	-0.0010	0.1674
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID644Morered	0.7000	0.3000	0.6429	0.2857	0.8453
AID644red	0.7500	0.2500	0.6891	0.3750	0.7858
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.6667	0.3333	0.5950	0.1818	0.8134
aids	0.8967	0.1033	0.8534	0.6964	0.4470
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9944	0.0056	0.8878	0.7474	0.5000
anuran-family	0.2017	0.3992	0.3245	-0.0512	0.5298
anuran-genus	0.7288	0.0678	0.7595	0.6148	0.3699
anuran-species	0.0403	0.1919	0.0942	0.0080	0.4157
apple-quality	0.9100	0.0900	0.9101	0.8200	0.4017
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.5333	0.0718	0.2607	0.2600	0.3754
auction	0.9118	0.0882	0.7706	0.4619	0.3470
audiology	0.7826	0.0181	0.3587	0.7537	0.0551
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.6364	0.3636	0.5681	0.1200	0.8836
autism-adult	0.7714	0.2286	0.7312	0.4579	0.7397
autism-child	0.6207	0.3793	0.6256	0.2459	0.8929
autos	0.9000	0.0333	0.7554	0.8667	0.0778
babies	0.1532	0.2419	0.1948	0.0353	0.5043
balance	0.9032	0.0645	0.6256	0.8187	0.1452
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8341	0.1659	0.8168	0.6295	0.5986
basehock	0.8894	0.1106	0.8945	0.7787	0.4061
bio10%	0.9959	0.0041	0.8698	0.7253	0.2186
biodeg	0.8381	0.1619	0.8407	0.6710	0.5680
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.4979	0.0346	0.0296	-0.0034	0.1309
body-perf	0.4231	0.2884	0.4859	0.2308	0.5315
breast-cancer	0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
breast-cancer-ma	0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue	0.5455	0.1515	0.4211	0.4388	0.2402
bridges	0.4000	0.1714	0.2212	0.2405	0.2600
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	1.0000	0.0000	1.0000	1.0000	0.0000
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
car	0.9540	0.0230	0.9389	0.9035	0.1799
card	0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography	0.7371	0.0526	0.7196	0.6878	0.2505
cardiotocography-nsp	0.9202	0.0532	0.8427	0.7733	0.2415
cars	0.7250	0.1833	0.7145	0.5243	0.3580
cas_N6512_rdkit_descriptors	0.6000	0.4000	0.5971	0.1941	0.9295
cas_N6512_rdkit_FEATMORGAN	0.7711	0.2289	0.7706	0.5409	0.7156
cas_N6512_rdkit_MACCS	0.5791	0.4209	0.5896	0.1719	0.9158
cas_N6512_RDkit_MACCS_FP	0.6304	0.3696	0.6312	0.2614	0.8960
cas_N6512_RDkit_pattern_FP	0.6426	0.3574	0.6384	0.2754	0.8871
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8187	0.1813	0.8174	0.6241	0.6158
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.8848	0.1152	0.5724	0.1320	0.5759
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.7791	0.2209	0.5050	0.0073	0.4855
cervical-H	0.8837	0.1163	0.5621	0.1116	0.5612
cervical-S	0.6163	0.3837	0.5055	0.0070	0.5212
chrom191%	0.8242	0.1758	0.4518	-0.0023	0.0164
chronic-kidney	0.7470	0.2530	0.5077	0.0122	0.5600
ci900367j_MACCS	0.6211	0.3789	0.6209	0.2363	0.8821
cirrhosis	0.6190	0.2540	0.4404	0.3267	0.6324
cjs	0.9964	0.0012	0.9957	0.9956	0.0071
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7269	0.1366	0.6970	0.6117	0.3047
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.7500	0.1667	0.7856	0.5814	0.3402
cm1	0.8600	0.1400	0.5740	0.1463	0.7265
cmc	0.5238	0.3175	0.5143	0.2553	0.7095
cnae-9	0.9074	0.0206	0.9153	0.8958	0.0982
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.2200	0.1040	0.1973	0.1329	0.4486
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2	0.6552	0.3448	0.6479	0.2927	0.8632
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.5862	0.4138	0.5542	0.1031	0.8707
colposcopies-5	0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6	0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c	0.7241	0.2759	0.6234	0.2468	0.8309
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
cottonmeloidogyne	0.6899	0.3101	0.6901	0.3794	0.8322
coupon	0.7263	0.2737	0.7184	0.4346	0.7860
covtypeCD	0.8365	0.1635	0.7566	0.4787	0.6325
covtypeT	0.7436	0.2564	0.5510	0.0723	0.5060
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced	0.2166	0.2611	0.5264	0.1461	0.2495
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.1250	0.0437	0.1000	0.1216	0.3466
cyclopentane	0.6667	0.3333	0.6657	0.3306	0.8586
cylinder-bands	0.7963	0.2037	0.7914	0.5714	0.6421

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.5157	0.4843	0.4991	-0.0014	0.7971
defect	0.8951	0.1049	0.7795	0.5119	0.4433
deposit	0.6735	0.3265	0.5707	0.1102	0.6173
depressed	0.7902	0.2098	0.5126	0.0210	0.7983
dermatology	0.8919	0.0360	0.9076	0.8662	0.1376
desharnais	0.5000	0.3333	0.4018	0.2195	0.6184
dexter	0.6167	0.3833	0.6224	0.2333	0.8822
df_final	0.4375	0.3750	0.6061	0.2258	0.3866
DIA	0.7167	0.2833	0.6471	0.2917	0.8145
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetic1%	0.5098	0.3268	0.4384	0.1823	0.7462
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.8130	0.8363	0.1548
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih	0.4583	0.5417	0.4144	-0.1642	1.0000
dlbcl-stanford	0.6000	0.4000	0.5833	0.1667	0.9308
dropout	0.7359	0.1761	0.6745	0.5711	0.4930
drug-01	0.1649	0.2386	0.1868	0.0257	0.4008
drug-02	0.3723	0.1793	0.2504	0.1380	0.4457
drug-03	0.6117	0.1109	0.1355	0.0818	0.4095
drug-04	0.4043	0.1702	0.1486	0.1450	0.3817
drug-05	0.7287	0.0775	0.1204	-0.0055	0.3061
drug-06	0.2234	0.2219	0.2195	0.1043	0.4766
drug-07	0.0691	0.2660	0.0527	0.0074	0.3782
drug-08	0.4362	0.1611	0.2077	0.1311	0.3969
drug-09	0.8564	0.0410	0.1322	0.0208	0.3524
drug-10	0.3989	0.1717	0.1339	0.1115	0.4296
drug-11	0.8245	0.0502	0.1668	0.0721	0.2455
drug-12	0.7606	0.0684	0.1242	0.0045	0.3521
drug-13	0.5053	0.1413	0.2331	0.2097	0.3852
drug-14	0.4734	0.1505	0.2607	0.1978	0.4492
drug-15	0.7021	0.0851	0.1407	0.1372	0.3640
drug-16	0.4415	0.1596	0.1955	0.2289	0.3621
drug-17	0.1968	0.2295	0.1482	0.0518	0.4911
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7287	0.0775	0.1227	0.0480	0.3908
drybean	0.3417	0.1881	0.2298	0.1308	0.4955
ecoli	0.7941	0.0515	0.5157	0.7180	0.1595
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
eeg-eye	0.5200	0.4800	0.4995	-0.0010	0.9816
eucalyptus	0.4932	0.2027	0.4804	0.3569	0.4996
euthyroid	0.8861	0.1139	0.7049	0.4073	0.6627
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.9020	0.0980	0.9009	0.8012	0.4232
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.1000	0.2250	0.1383	0.0400	0.3566
forest	0.9038	0.0481	0.9053	0.8693	0.1572
gastrointestinal	0.7500	0.1667	0.7425	0.6145	0.3815
gender	0.3200	0.4533	0.3650	0.0406	0.7070
gene	0.8580	0.0946	0.8464	0.7650	0.3092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
german	0.5700	0.4300	0.5489	0.0966	0.9327
gina	0.9510	0.0490	0.9513	0.9019	0.2542
glass	0.6667	0.1111	0.6398	0.5518	0.2886
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.8750	0.1250	0.8298	0.6000	0.2846
glioma	0.6000	0.2000	0.5000	0.4118	0.2785
glioma-grade	0.8333	0.1667	0.8286	0.6571	0.6041
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.6667	0.1667	0.6437	0.5455	0.3766
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hayes-roth	0.5000	0.3333	0.5317	0.2147	0.6091
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7200	0.1400	0.3177	-0.0083	0.3762
heart	0.7778	0.2222	0.7794	0.5525	0.6913
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.8333	0.1667	0.8326	0.6637	0.5926
heart-failure	0.9580	0.0420	0.9510	0.9017	0.2443
heart-quantum	0.8600	0.1400	0.8604	0.7154	0.5305
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6545	0.3455	0.6518	0.3016	0.8726
higher	0.2143	0.1964	0.1273	0.0941	0.3376
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.6875	0.3125	0.6863	0.3725	0.8375
hiv1-proteasa	0.8583	0.1417	0.7654	0.5285	0.6569
hiva	0.9551	0.0449	0.5462	0.0765	0.5927
horse	0.5000	0.3333	0.3947	0.1196	0.7567
htru2	0.8050	0.1950	0.5707	0.1311	0.6601
hypothyroid	0.4058	0.2971	0.2229	0.0182	0.4071
hypothyroidT	0.8939	0.1061	0.7453	0.4583	0.6059
ilpd	0.6949	0.3051	0.5595	0.0985	0.8400
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.4347	0.2827	0.4566	0.2462	0.6707
ionosphere	0.8571	0.1429	0.8309	0.6602	0.5698
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.6758	0.3242	0.5284	0.0560	0.8318
kc1	0.7820	0.2180	0.5969	0.1937	0.7794
kc1-class-level-defectiveornot	0.6000	0.4000	0.5833	0.1667	0.9308
kc1-class-level-numericdefect	0.3571	0.0536	0.0278	0.1127	0.0916
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8180	0.1213	0.7802	0.7081	0.3586
kidney-disease	0.9250	0.0750	0.9282	0.8462	0.3145
krvskp	0.9875	0.0125	0.9875	0.9749	0.0906
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.5882	0.0206	0.3561	0.5754	0.1170

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.5000	0.1000	0.5029	0.4398	0.2288
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia	0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2	0.7143	0.2857	0.7407	0.3636	0.4644
libra	0.6944	0.0407	0.7435	0.6725	0.1268
liver	0.7353	0.2647	0.7218	0.4354	0.7621
loan	0.9321	0.0679	0.9273	0.8538	0.3284
localization10%	0.0534	0.1721	0.0952	0.0094	0.6863
lrs	0.6981	0.0604	0.3614	0.5814	0.2550
lung	0.9048	0.0381	0.8411	0.8100	0.0677
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2	0.6667	0.0741	0.3218	0.5424	0.0906
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.5885	0.4115	0.5885	0.1769	0.9383
magic04	0.6065	0.3935	0.6029	0.1994	0.8851
mammography	0.6354	0.3646	0.6370	0.2493	0.8378
maternal	0.5941	0.2706	0.6084	0.3787	0.5777
messidor	0.6348	0.3652	0.6268	0.2535	0.8987
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8730	0.8448	0.1217
meter-D	0.8889	0.0556	0.8250	0.8462	0.1252
mfeat-fac	0.9600	0.0080	0.9627	0.9556	0.0436
mfeat-fou	0.6800	0.0640	0.7341	0.6444	0.2300
mfeat-kar	0.9300	0.0140	0.9329	0.9222	0.0854
mfeat-mor	0.3200	0.1360	0.3963	0.2444	0.4113
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0186
mfeat-zer	0.7900	0.0420	0.8088	0.7667	0.1075
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8962	0.0692	0.8919	0.8403	0.2348
mines	0.3529	0.2588	0.3249	0.1807	0.3992
monks-1	0.9455	0.0545	0.9457	0.8908	0.2776
monks-2	0.9016	0.0984	0.8896	0.7771	0.4287
monks-3	0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
musk	0.9970	0.0030	0.9943	0.9885	0.0649
MUT_ci300400a_cdk_ESTATE	0.7782	0.2218	0.7698	0.5380	0.7064
MUT_ci300400a_cdk_MACCS	0.7938	0.2062	0.7880	0.5759	0.6823
MUT_ci300400a_rdkit_descriptors	0.8296	0.1704	0.8250	0.6494	0.6083
myocardial	0.8412	0.0397	0.2462	0.4542	0.3765
naticusdroid	0.7920	0.2080	0.7920	0.5840	0.6792
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.0000	0.2222	0.0000	0.0000	0.3770
ncRNA1%	0.0193	0.1032	0.0273	0.0100	0.7041
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5888	0.4112	0.5866	0.1731	0.9389
NHANES_age_prediction	0.9648	0.0352	0.9319	0.8617	0.2430
NPHA-doctor-visits	0.4722	0.3519	0.3861	0.0958	0.7416
nursery	0.9576	0.0212	0.8632	0.9373	0.0674

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
obs	0.9167	0.0417	0.9316	0.8748	0.1320
occupancy	0.4917	0.5083	0.4976	-0.0039	0.7986
Occupancy_Estimation	0.9161	0.0420	0.6676	0.7361	0.1201
oh0-wc	0.3267	0.1347	0.3849	0.2625	0.3486
oh10-wc	0.2095	0.1581	0.2398	0.1047	0.4012
oh15-wc	0.2174	0.1565	0.2884	0.1412	0.3816
oh5-wc	0.2418	0.1516	0.3690	0.1845	0.4146
olive	0.9298	0.0156	0.9174	0.9123	0.0441
opn310k10%	0.5253	0.4747	0.4651	-0.0365	0.4662
optdigits	0.9537	0.0093	0.9596	0.9486	0.0556
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.8400	0.1600	0.8264	0.6528	0.6022
ozone1hr	0.9605	0.0395	0.5970	0.1516	0.5272
ozone8hr	0.8933	0.1067	0.5395	0.0753	0.6985
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8351	0.1649	0.8139	0.6271	0.6159
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8837	0.7626	0.4657
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.5996	0.1601	0.4369	0.1968	0.5183
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.5254	0.4746	0.5367	0.0646	0.8503
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.3874	0.6126	0.4601	-0.0272	0.3510
pcmac	0.5619	0.4381	0.5072	0.0110	0.9120
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8992	0.7966	0.4359
pediatric-leukemia	0.3529	0.1849	0.2799	0.1624	0.3268
pendigits	0.3703	0.1259	0.4236	0.3037	0.4721
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
phishing	0.9592	0.0408	0.9572	0.9144	0.2360
phoneme	0.6185	0.3815	0.6492	0.2596	0.7598
pima	0.6974	0.3026	0.6722	0.3318	0.8143
pirvision	0.9066	0.0623	0.8094	0.7317	0.3936
placement	0.4940	0.5060	0.5709	0.0884	0.7628
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker1%	0.3083	0.1383	0.0776	0.0416	0.3323
polish-1st	0.7283	0.2717	0.4576	-0.0384	0.3143
polish-2nd	0.8250	0.1750	0.4770	-0.0309	0.4071
polish-3rd	0.6857	0.3143	0.4957	-0.0041	0.3490
polish-4th	0.6337	0.3663	0.5415	0.0373	0.3450
polish-5th	0.7140	0.2860	0.5127	0.0169	0.4853
polya	0.6670	0.3330	0.6526	0.3025	0.8536
post-operative	0.7778	0.1481	0.5000	0.5000	0.3648
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6768	0.3529	0.8487
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2424	0.0689	0.1408	0.1725	0.2994
profb	0.6418	0.3582	0.6227	0.2408	0.8663
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.5000	0.5000	0.5000	0.0000	0.9876
prostate_GE	0.7273	0.2727	0.7609	0.4211	0.4644
pufs-641%	0.5062	0.4938	0.5063	0.0125	0.9963
pulsar	0.4948	0.5052	0.4665	-0.0339	0.4668
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.4949	0.5051	0.4982	-0.0034	0.9773
satimage	0.7885	0.0705	0.7653	0.7376	0.2149
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9440	0.0560	0.8267	0.6254	0.3483
scadi	0.5714	0.1224	0.3556	0.4615	0.1395
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.5865	0.1280	0.5676
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.6364	0.1039	0.6232	0.5749	0.2952
segmentation	0.7822	0.2178	0.7626	0.5252	0.7156
segmentO	0.7706	0.2294	0.6930	0.3479	0.6678
seismic	0.6473	0.3527	0.5237	0.0257	0.4193
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.6368	0.3632	0.4953	-0.0077	0.6740
sens-10-gram	0.6168	0.3832	0.5164	0.0257	0.6558
sens-2-gram	0.6632	0.3368	0.5579	0.0946	0.6601
sens-3-gram	0.7711	0.2289	0.5566	0.1113	0.7526
sens-4-gram	0.8000	0.2000	0.5624	0.1248	0.7676
sens-5-gram	0.7737	0.2263	0.5289	0.0577	0.7692
sens-6-gram	0.7789	0.2211	0.5617	0.1221	0.7555
sens-7-gram	0.7447	0.2553	0.5196	0.0381	0.7511
sens-8-gram	0.7816	0.2184	0.5096	0.0193	0.7830
sens-9-gram	0.6289	0.3711	0.4721	-0.0465	0.6778
shoppers	0.6748	0.3252	0.5670	0.1186	0.7214
sick	0.7480	0.2520	0.5793	0.1083	0.4851
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.5539	0.4461	0.6874	0.2439	0.4918
smarket	0.8880	0.1120	0.8895	0.7754	0.4469
smk_can_187	0.7368	0.2632	0.7449	0.4633	0.6993
solar-flare	0.7050	0.0983	0.6256	0.6311	0.2686
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.8824	0.0124	0.8659	0.8695	0.0599
spambase	0.7717	0.2283	0.7585	0.5158	0.7226
spect	0.6296	0.3704	0.5723	0.1346	0.8110
spectf	0.8000	0.2000	0.8016	0.5739	0.6162
spectrometer	0.1887	0.0338	0.0642	0.1550	0.2453
splice-EI	0.9401	0.0599	0.9203	0.8405	0.3518
splice-IE	0.8959	0.1041	0.8540	0.7078	0.5119
sport-articles	0.7600	0.2400	0.7346	0.4612	0.7351
squash-stored	0.6000	0.2667	0.6667	0.4118	0.3599
squash-unstored	0.4000	0.4000	0.2222	0.0625	0.4723
steel_industry	0.3248	0.4502	0.3776	0.0521	0.7466
steel-b	0.8667	0.1333	0.7802	0.5410	0.5581
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9744	0.0256	0.9604	0.9206	0.1989
steel-o	0.8410	0.1590	0.8209	0.6363	0.5814
steel-p	0.9385	0.0615	0.7560	0.4711	0.4407
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9641	0.0359	0.9061	0.8093	0.4129
stock	0.7778	0.2222	0.6675	0.3295	0.7519
stockb	0.3040	0.4640	0.3272	-0.0445	0.6997
streaming	0.8840	0.1160	0.8827	0.7655	0.4790
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5100	0.1960	0.3146	0.2779	0.5946
student-weekend	0.1538	0.3385	0.1847	-0.0282	0.7885

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-workday	0.4844	0.2062	0.2108	0.1092	0.7450
studentap	0.5385	0.3077	0.5342	0.2778	0.6089
susy1%	0.7308	0.2692	0.7278	0.4537	0.7768
tae	0.4667	0.3556	0.5218	0.2000	0.5978
texture	0.6109	0.0707	0.6978	0.5699	0.1925
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7447	0.2553	0.5503	0.0990	0.7759
thrombin	0.9476	0.0524	0.4866	-0.0258	0.5125
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis10%	0.7687	0.2313	0.6625	0.0886	0.3872
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4545	0.6364	0.0779
tox_171	0.6471	0.1765	0.7525	0.5364	0.2475
toxicity	0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f	0.6471	0.3529	0.5858	0.1639	0.8952
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.6088	0.1877	0.7707
trec11-wc	0.3902	0.1355	0.5313	0.3189	0.2785
trec12-wc	0.5806	0.1048	0.5647	0.4918	0.2748
trec21-wc	0.7273	0.0909	0.2471	0.3250	0.1582
trec23-wc	0.6667	0.1111	0.7693	0.5751	0.1761
trec31-wc	0.6129	0.1290	0.5698	0.5092	0.3266
trec41-wc	0.4773	0.1045	0.4842	0.3898	0.2567
trec45-wc	0.4928	0.1014	0.4869	0.4103	0.2798
tuandromd	0.9843	0.0157	0.9754	0.9507	0.1231
turkish	0.6500	0.1750	0.6964	0.5333	0.2983
tvnews1%	0.8615	0.1385	0.8514	0.7027	0.5500
tvnews10%	0.8196	0.1804	0.8055	0.6110	0.6429
ur3_cobotops_grip	0.3864	0.6136	0.5009	0.0003	0.1738
ur3_cobotops_stop	0.7007	0.2993	0.5139	0.0112	0.2899
urban	0.7313	0.0597	0.7562	0.6877	0.1980
vehicle	0.7857	0.1071	0.7821	0.7151	0.1965
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.6667	0.3333	0.7500	0.4000	0.5283
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.4545	0.0992	0.5807	0.4000	0.2513
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
warpar10p	0.8462	0.0308	0.7652	0.8267	0.0461
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
waveform	0.7900	0.1400	0.7944	0.6853	0.4254
web-phishing	0.8519	0.0988	0.7827	0.7333	0.4090
Weekly	0.9537	0.0463	0.9533	0.9064	0.2542
white-clover	0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.6108	0.3892	0.5339	0.0275	0.3180
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6352	0.1216	0.3372	0.4514	0.5139
winequality-white	0.4969	0.1437	0.3202	0.3343	0.4808
wisc_bc	0.9298	0.0702	0.9246	0.8492	0.3528
yale	0.4375	0.0750	0.4308	0.4000	0.1937
yeast	0.4459	0.1108	0.3540	0.3383	0.4136
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1	0.4662	0.5338	0.4141	-0.0281	0.1722
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164

Table 364: Detailed results for MKLSSVM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1535	0.0584	0.0962	0.0790	0.5370
abalone19	0.4976	0.5024	0.4532	-0.0048	0.0535
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.5602	0.4398	0.5268	0.0082	0.1237
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9299	0.0701	0.8587	0.7169	0.4962
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8730	0.1270	0.6016	0.2032	0.6992
AID_1431_KlekotaRothFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_MACCSFingerprinter	0.8333	0.1667	0.4545	-0.0907	0.7189
AID_1878	0.7714	0.2286	0.6299	0.2593	0.7826
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.7879	0.1414	0.3697	0.0043	0.5939
AID1284Morered	0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red	0.7222	0.2778	0.5709	0.1304	0.7210
AID1608Morered	0.8835	0.1165	0.5953	0.1879	0.6599
AID1608red	0.8544	0.1456	0.4607	-0.0752	0.5990
AID362red	0.9766	0.0234	0.4941	-0.0113	0.5794
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID644Morered	0.7000	0.3000	0.6429	0.2857	0.8453
AID644red	0.7500	0.2500	0.6891	0.3750	0.7858
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.6667	0.3333	0.5950	0.1818	0.8134
aids	0.8967	0.1033	0.8534	0.6964	0.4470
air_pollution	0.1500	0.2429	0.1811	0.0377	0.5923
alcohol	0.8381	0.0648	0.7255	0.6696	0.2352
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.8093	0.1907	0.7896	0.5790	0.6666
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.7580	0.1210	0.7711	0.5571	0.3499
anuran-genus	0.4312	0.1422	0.6388	0.2386	0.5070
anuran-species	0.9500	0.0100	0.9211	0.9307	0.1402
anxiety	0.0667	0.2074	0.0652	-0.0498	0.8465
apple-quality	0.9100	0.0900	0.9101	0.8200	0.4017
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.6222	0.0581	0.3203	0.3218	0.3315
auction	0.7990	0.2010	0.6439	0.2750	0.7057
audiology	0.7826	0.0181	0.3420	0.7439	0.0668
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.6364	0.3636	0.5681	0.1200	0.8836
autism-adult	0.7714	0.2286	0.7312	0.4579	0.7397
autism-child	0.6207	0.3793	0.6256	0.2459	0.8929
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.2204	0.1299	0.3098	0.0961	0.8214
babies	0.4597	0.1544	0.1545	0.1564	0.4631
balance	0.9194	0.0538	0.7571	0.8521	0.2323
bank	0.8344	0.1656	0.6321	0.2608	0.7114
banknote	0.5109	0.4891	0.5206	0.0396	0.9683
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8341	0.1659	0.8168	0.6295	0.5986

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
basehock	0.8945	0.1055	0.8990	0.7888	0.3968
bio10%	0.9959	0.0041	0.8698	0.7253	0.2186
biodeg	0.8381	0.1619	0.8407	0.6710	0.5680
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.6608	0.0234	0.0437	0.0034	0.1641
body-perf	0.6866	0.1567	0.6864	0.5821	0.4658
brain-tumor	0.4905	0.5095	0.4905	-0.0191	1.0000
breast-cancer	0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.8000	0.0571	0.6234	0.7297	0.1179
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	1.0000	0.0000	1.0000	1.0000	0.0000
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.0990	0.6007	0.0601	0.0000	0.4064
car	0.9540	0.0230	0.9389	0.9035	0.1799
car-insurance	0.6130	0.3870	0.6212	0.2248	0.8325
card	0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography	0.8216	0.0357	0.7757	0.7863	0.2243
cardiotocography-nsp	0.9202	0.0532	0.8391	0.7732	0.2826
cargo2k	0.9822	0.0118	0.9826	0.9733	0.0580
cars	0.8000	0.1333	0.7429	0.6421	0.3658
cas_N6512_cdk_ECFP2	0.7573	0.2427	0.7563	0.5125	0.7391
cas_N6512_rdkit_ATOMPAIR	0.7446	0.2554	0.7425	0.4847	0.7591
cas_N6512_RDkit_AtomPair_FP	0.6794	0.3206	0.6773	0.3546	0.8477
cas_N6512_rdkit_AVALON	0.7680	0.2320	0.7662	0.5322	0.7219
cas_N6512_RDkit_Avalon_FP	0.7684	0.2316	0.7687	0.5364	0.7178
cas_N6512_rdkit_descriptors	0.5354	0.4646	0.5538	0.0966	0.9194
cas_N6512_rdkit_FEATMORGAN	0.7558	0.2442	0.7543	0.5086	0.7422
cas_N6512_RDkit_Featmorgan_FP	0.7638	0.2362	0.7624	0.5248	0.7292
cas_N6512_RDkit_FP	0.6166	0.3834	0.6108	0.2179	0.9083
cas_N6512_rdkit_LAYERED	0.5262	0.4738	0.5466	0.0817	0.9162
cas_N6512_RDkit_Layered_FP	0.7561	0.2439	0.7541	0.5076	0.7405
cas_N6512_rdkit_MACCS	0.7727	0.2273	0.7707	0.5403	0.7120
cas_N6512_RDkit_MACCS_FP	0.5690	0.4310	0.5674	0.1348	0.9535
cas_N6512_rdkit_MORGAN	0.7831	0.2169	0.7817	0.5635	0.6965
cas_N6512_RDkit_morgan_FP	0.7745	0.2255	0.7728	0.5454	0.7109
cas_N6512_rdkit_PATTERN	0.5969	0.4031	0.6145	0.2123	0.8752
cas_N6512_RDkit_pattern_FP	0.7423	0.2577	0.7408	0.4816	0.7630
cas_N6512_rdkit_RDKITFP	0.6298	0.3702	0.6271	0.2338	0.8555
cas_N6512_rdkit_TORSION	0.7277	0.2723	0.7252	0.4494	0.7829
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8187	0.1813	0.8174	0.6241	0.6158
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9050	0.0950	0.6622	0.2868	0.5606
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.8996	0.1004	0.5834	0.1588	0.6030
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9419	0.0581	0.7589	0.5147	0.5542
cervical-C	0.7093	0.2907	0.5398	0.0461	0.4193
cervical-H	0.7674	0.2326	0.5828	0.0966	0.3952
cervical-S	0.5698	0.4302	0.5967	0.1057	0.4434
children-anemia	0.8600	0.0700	0.8054	0.7895	0.2513
chrom191%	0.9312	0.0688	0.4822	-0.0023	0.0310
chronic-kidney	0.7470	0.2530	0.5077	0.0122	0.5600
churn	0.8240	0.1760	0.7062	0.4061	0.7074
churn-bigml	0.8914	0.1086	0.7755	0.5503	0.6070
ci900367j_MACCS	0.6211	0.3789	0.6209	0.2363	0.8821
circles	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cirrhosis	0.6429	0.2381	0.5529	0.3787	0.5711
cjs	0.9964	0.0012	0.9964	0.9956	0.0057
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8537	0.0731	0.7551	0.7700	0.2531
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.8333	0.1111	0.8611	0.7273	0.2807
cm1	0.8600	0.1400	0.5740	0.1463	0.7265
cmc	0.5374	0.3084	0.5263	0.2658	0.6974
cnae-9	0.8704	0.0288	0.8840	0.8542	0.1224
codon_usage	0.9087	0.0166	0.8109	0.8895	0.1878
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.3000	0.0933	0.3103	0.2308	0.4190
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2	0.6552	0.3448	0.6479	0.2927	0.8632
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.5862	0.4138	0.5542	0.1031	0.8707
colposcopies-5	0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6	0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c	0.7241	0.2759	0.6234	0.2468	0.8309
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7419	0.1720	0.6451	0.5804	0.3096
cottonmeloidogyne	0.6899	0.3101	0.6901	0.3794	0.8322
coupon	0.7256	0.2744	0.7175	0.4328	0.7870
covtypeCD	0.8082	0.1918	0.7072	0.3862	0.6690
covtypeT	0.4912	0.5088	0.5663	0.0530	0.3367
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
crowdsourced	0.9401	0.0200	0.8545	0.8742	0.1374
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.5000	0.0250	0.3561	0.4854	0.0674
customer-churn	0.4310	0.5690	0.5079	0.0021	0.1212
cybersecurity	0.1433	0.2856	0.1119	-0.0234	0.6884
cyclopentane	0.6667	0.3333	0.6657	0.3306	0.8586
cylinder-bands	0.7963	0.2037	0.7914	0.5714	0.6421
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.5587	0.4413	0.4973	-0.0049	0.8282
defect	0.8951	0.1049	0.7795	0.5119	0.4433
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8885	0.1115	0.6940	0.3779	0.6446
depressed	0.7902	0.2098	0.5126	0.0210	0.7983
dermatology	0.9189	0.0270	0.9131	0.8985	0.0722
desharnais	0.6250	0.2500	0.4037	0.2727	0.4605
dexter	0.6167	0.3833	0.6224	0.2333	0.8822
df_final	0.5000	0.3333	0.3810	0.2000	0.5537
DIA	0.7167	0.2833	0.6471	0.2917	0.8145
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetic1%	0.5882	0.2745	0.4921	0.2380	0.6654
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih	0.4583	0.5417	0.4144	-0.1642	1.0000
dlbcl-stanford	0.6000	0.4000	0.5833	0.1667	0.9308
dota210%	0.5282	0.4718	0.5255	0.0509	0.9835

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drebin	0.9904	0.0096	0.9899	0.9797	0.0805
dropout	0.7088	0.1941	0.6192	0.5182	0.5262
drug-01	0.3670	0.1809	0.1694	0.0381	0.5490
drug-02	0.5106	0.1398	0.2302	0.1545	0.6621
drug-03	0.6862	0.0897	0.1777	0.1074	0.3515
drug-04	0.5160	0.1383	0.1977	0.1358	0.6250
drug-05	0.7340	0.0760	0.1213	0.0142	0.1873
drug-06	0.4043	0.1702	0.2589	0.2559	0.6013
drug-07	0.4149	0.1672	0.1465	0.0465	0.4651
drug-08	0.5798	0.1201	0.2630	0.2266	0.5898
drug-09	0.8617	0.0395	0.1322	-0.0062	0.2209
drug-10	0.5213	0.1368	0.1450	0.0897	0.4753
drug-11	0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12	0.7766	0.0638	0.1249	-0.0203	0.3219
drug-13	0.6064	0.1125	0.2423	0.2550	0.4900
drug-14	0.5745	0.1216	0.2236	0.2169	0.5591
drug-15	0.7500	0.0714	0.1960	0.0322	0.3840
drug-16	0.5691	0.1231	0.2819	0.2883	0.5557
drug-17	0.3457	0.1869	0.1889	0.1032	0.6736
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7553	0.0699	0.1237	0.0102	0.3187
drybean	0.4960	0.1440	0.5051	0.3827	0.4889
ecoli	0.7941	0.0515	0.4802	0.7122	0.1423
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2000	0.4000	0.2028	-0.0633	0.8752
eeg-eye	0.5547	0.4453	0.5503	0.1006	0.9648
eeg10%	0.3858	0.0768	0.4031	0.3175	0.6102
eucalyptus	0.5205	0.1918	0.4932	0.3885	0.5339
euthyroid	0.6994	0.3006	0.5428	0.0662	0.5892
fakenews	0.4925	0.5075	0.4925	-0.0151	1.0000
fbis-wc	0.7398	0.0306	0.6976	0.7056	0.2733
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.9020	0.0980	0.9009	0.8012	0.4232
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3000	0.1750	0.0577	0.0000	0.3283
forest	0.8654	0.0673	0.8274	0.8149	0.1888
gas	0.7498	0.0834	0.7792	0.7024	0.2683
gastrointestinal	0.7500	0.1667	0.7425	0.6145	0.3815
gender	0.4000	0.4000	0.3923	0.0927	0.7273
gene	0.8707	0.0862	0.8572	0.7877	0.2992
german	0.5700	0.4300	0.5489	0.0966	0.9327
gestures	0.7723	0.1139	0.7912	0.6963	0.3294
gina	0.9510	0.0490	0.9513	0.9019	0.2542
glass	0.6667	0.1111	0.6786	0.5333	0.2938
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.8750	0.1250	0.8298	0.6000	0.2846
glioma	0.6000	0.2000	0.5000	0.4118	0.2785
glioma-grade	0.8333	0.1667	0.8286	0.6571	0.6041

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.6000	0.2000	0.6395	0.4512	0.3945
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
har	0.8267	0.0693	0.8467	0.7836	0.2127
har701%	0.4951	0.1442	0.3966	0.3567	0.3413
hayes-roth	0.6875	0.2083	0.6964	0.5152	0.3866
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7800	0.1100	0.3343	0.0690	0.1892
heart	0.7778	0.2222	0.7794	0.5525	0.6913
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.8333	0.1667	0.8326	0.6637	0.5926
heart-failure	0.9580	0.0420	0.9510	0.9017	0.2443
heart-quantum	0.8600	0.1400	0.8604	0.7154	0.5305
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6545	0.3455	0.6518	0.3016	0.8726
higher	0.2857	0.1786	0.2483	0.1195	0.3142
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.6875	0.3125	0.6863	0.3725	0.8375
hiv1-proteasa	0.8583	0.1417	0.7654	0.5285	0.6569
hiva	0.9551	0.0449	0.5462	0.0765	0.5927
horse	0.4722	0.3519	0.3754	0.0630	0.7777
hotel-reservartions	0.3277	0.6723	0.2468	0.0000	0.4971
hr	0.7018	0.2982	0.4939	-0.0115	0.7420
htru2	0.7318	0.2682	0.6418	0.2088	0.5399
hypothyroid	0.4668	0.2666	0.3827	0.0861	0.3002
hypothyroidT	0.9231	0.0769	0.7583	0.5123	0.6083
ilpd	0.6949	0.3051	0.5595	0.0985	0.8400
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.4767	0.2617	0.5011	0.3022	0.5323
ionosphere	0.8571	0.1429	0.8309	0.6602	0.5698
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.3912	0.6088	0.4757	-0.0304	0.6792
jvowels	0.9940	0.0013	0.9928	0.9932	0.0109
kc1	0.4076	0.5924	0.4525	-0.0574	0.6255
kc1-class-level-defectiveornot	0.6000	0.4000	0.5833	0.1667	0.9308
kc1-class-level-numericdefect	0.2857	0.0595	0.0222	0.0000	0.2964
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8400	0.1067	0.7949	0.7402	0.3273
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9250	0.0750	0.9282	0.8462	0.3145
krkopt	0.3109	0.0766	0.4168	0.2340	0.5472
krvskp	0.9875	0.0125	0.9875	0.9749	0.0906
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.7353	0.0132	0.4395	0.7236	0.0461
led24	0.6000	0.0800	0.5986	0.5506	0.1952
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia	0.7143	0.1905	0.7778	0.5882	0.2985
leukemia2	0.7143	0.2857	0.7407	0.3636	0.4644
libra	0.9167	0.0111	0.9305	0.9105	0.0381
linkage1%	0.9115	0.0885	0.6451	0.0560	0.1015
liver	0.7353	0.2647	0.7218	0.4354	0.7621

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
loan	0.9321	0.0679	0.9273	0.8538	0.3284
localization10%	0.2979	0.1276	0.2664	0.1970	0.7307
lrs	0.8113	0.0377	0.4741	0.7371	0.1477
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2	0.6667	0.0741	0.3077	0.4706	0.1572
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.5885	0.4115	0.5885	0.1769	0.9383
magic04	0.5055	0.4945	0.5262	0.0478	0.9121
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8251	0.6468	0.6085
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6040	0.2640	0.6146	0.3922	0.5700
math	0.7000	0.1500	0.6721	0.5455	0.4961
mba	0.7694	0.1538	0.3787	0.1343	0.4151
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2100	0.3160	0.2068	0.0117	0.8659
messidor	0.6348	0.3652	0.6268	0.2535	0.8987
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8291	0.8462	0.1205
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-fou	0.8350	0.0330	0.8363	0.8167	0.1132
mfeat-kar	0.9850	0.0030	0.9854	0.9833	0.0188
mfeat-mor	0.7100	0.0580	0.7219	0.6778	0.1928
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0186
mfeat-zer	0.8050	0.0390	0.8086	0.7833	0.1062
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9906	0.0063	0.9919	0.9855	0.0311
mines	0.5588	0.1765	0.5533	0.4481	0.3776
mobile	0.8007	0.0071	0.8212	0.7971	0.0882
monks-1	0.9455	0.0545	0.9457	0.8908	0.2776
monks-2	0.9016	0.0984	0.8945	0.7870	0.4500
monks-3	0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
musk	0.9985	0.0015	0.9971	0.9942	0.0375
MUT_ci300400a_cdk_ECFP2	0.8141	0.1859	0.8087	0.6174	0.6435
MUT_ci300400a_cdk_ECFP4	0.8443	0.1557	0.8399	0.6797	0.5801
MUT_ci300400a_cdk_ECFP6	0.8024	0.1976	0.7963	0.5924	0.6658
MUT_ci300400a_cdk_ESTATE	0.7782	0.2218	0.7698	0.5380	0.7064
MUT_ci300400a_cdk_EXTENDED	0.8225	0.1775	0.8174	0.6348	0.6266
MUT_ci300400a_cdk_FCFP2	0.8311	0.1689	0.8255	0.6505	0.6067
MUT_ci300400a_cdk_FCFP4	0.8082	0.1918	0.8024	0.6049	0.6552
MUT_ci300400a_cdk_FCFP6	0.8106	0.1894	0.8056	0.6111	0.6505
MUT_ci300400a_cdk_MACCS	0.7914	0.2086	0.7853	0.5706	0.6867
MUT_ci300400a_cdk_PUBCHEM	0.7329	0.2671	0.7395	0.4024	0.5817
MUT_ci300400a_cdk_STANDARD	0.8299	0.1701	0.8256	0.6510	0.6113
MUT_ci300400a_rdkit_descriptors	0.8296	0.1704	0.8250	0.6497	0.6088
myocardial	0.8706	0.0324	0.3025	0.4879	0.3706

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
naticusdroid	0.7971	0.2029	0.7973	0.5943	0.6685
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.3333	0.1481	0.1709	0.2258	0.1741
ncRNA1%	0.0703	0.0979	0.2625	0.0553	0.5517
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6597	0.3403	0.6575	0.3147	0.8702
NHANES_age_prediction	0.9648	0.0352	0.9319	0.8617	0.2430
NPHA-doctor-visits	0.5000	0.3333	0.3738	0.0749	0.6917
nursery	0.9730	0.0135	0.9424	0.9603	0.0649
obesity	0.9479	0.0149	0.9480	0.9391	0.0765
obs	0.9167	0.0417	0.9399	0.8748	0.1245
occupancy	0.7218	0.2782	0.7163	0.3917	0.6924
Occupancy_Estimation	0.9664	0.0168	0.9164	0.8931	0.0761
oh0-wc	0.5446	0.0911	0.5112	0.4586	0.3164
oh10-wc	0.5524	0.0895	0.5337	0.4864	0.3899
oh15-wc	0.3478	0.1304	0.3691	0.2272	0.3746
oh5-wc	0.3407	0.1319	0.3827	0.2468	0.3936
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%	0.7264	0.2736	0.4446	-0.0934	0.5994
optdigits	0.9751	0.0050	0.9766	0.9723	0.0366
optdigitsZ	0.9947	0.0053	0.9834	0.9668	0.0845
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.8400	0.1600	0.8264	0.6528	0.6022
ozone1hr	0.9605	0.0395	0.5970	0.1516	0.5272
ozone8hr	0.8933	0.1067	0.5395	0.0753	0.6985
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8351	0.1649	0.8139	0.6271	0.6159
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8837	0.7626	0.4657
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.1444	0.3422	0.4931	0.0575	0.2885
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8199	0.1801	0.8097	0.6193	0.6393
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.6292	0.3708	0.6025	0.1961	0.8469
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.7117	0.2883	0.6072	0.1374	0.4674
pcmac	0.5619	0.4381	0.5072	0.0110	0.9120
pcos	0.7767	0.2233	0.7935	0.5081	0.5306
pd	0.9211	0.0789	0.8992	0.7966	0.4359
pediatric-leukemia	0.6471	0.1008	0.4633	0.5462	0.2034
pendigits	0.9054	0.0189	0.9058	0.8948	0.0852
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.7230	0.2770	0.7003	0.3997	0.8029
pet-adoption	0.9000	0.1000	0.8851	0.7667	0.4296
phishing	0.9592	0.0408	0.9572	0.9144	0.2360
phone-acc0.1%	0.7328	0.0764	0.7241	0.6874	0.2899
phone-gyr0.1%	0.7064	0.0839	0.7077	0.6565	0.3158
phoneme	0.8426	0.1574	0.8005	0.5989	0.6182
pima	0.6974	0.3026	0.6722	0.3318	0.8143
pirvision	0.8700	0.0867	0.8110	0.6253	0.3148
placement	0.6960	0.3040	0.6909	0.3813	0.8269
plant-growth	0.6316	0.3684	0.6292	0.2570	0.8973
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker1%	0.4878	0.1024	0.1191	-0.0033	0.2708
polish-1st	0.8435	0.1565	0.5180	0.0253	0.4285
polish-2nd	0.8269	0.1731	0.4776	-0.0303	0.4098

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-3rd	0.6181	0.3819	0.5030	0.0024	0.3151
polish-4th	0.6347	0.3653	0.5367	0.0330	0.3465
polish-5th	0.7682	0.2318	0.5483	0.0730	0.5290
polya	0.6670	0.3330	0.6510	0.2998	0.8561
popularity	0.5647	0.2902	0.4037	0.1336	0.7318
post-operative	0.7778	0.1481	0.5000	0.5000	0.3648
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6768	0.3529	0.8487
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.0606	0.1868	0.2776	0.2356
profb	0.6418	0.3582	0.6227	0.2408	0.8663
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.5000	0.5000	0.5000	0.0000	0.9876
prostate_GE	0.7273	0.2727	0.7609	0.4211	0.4644
puc-rio10%	0.4194	0.2322	0.3749	0.2356	0.6954
pufs-641%	0.5062	0.4938	0.5063	0.0125	0.9963
pulsar	0.6728	0.3272	0.5592	0.0824	0.5393
raisin	0.6111	0.3889	0.6125	0.2222	0.9110
re0-wc	0.6933	0.0472	0.6648	0.6065	0.4013
re1-wc	0.5542	0.0357	0.3662	0.4761	0.3584
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.7653	0.2347	0.8011	0.5456	0.5295
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5254	0.4746	0.5445	0.0829	0.9306
satimage	0.9082	0.0306	0.8978	0.8867	0.1548
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9456	0.0544	0.8323	0.6389	0.3438
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.5865	0.1280	0.5676
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9540	0.9393	0.0654
segmentation	0.7772	0.2228	0.7565	0.5129	0.7243
segmentO	0.5671	0.4329	0.5205	0.0306	0.6556
seismic	0.7946	0.2054	0.4852	-0.0246	0.5513
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.7500	0.2500	0.5075	0.0147	0.7613
sens-10-gram	0.6299	0.3701	0.5160	0.0258	0.6656
sens-2-gram	0.6368	0.3632	0.5459	0.0722	0.6468
sens-3-gram	0.7711	0.2289	0.5566	0.1113	0.7526
sens-4-gram	0.7974	0.2026	0.5604	0.1208	0.7674
sens-5-gram	0.7737	0.2263	0.5289	0.0577	0.7692
sens-6-gram	0.7763	0.2237	0.5600	0.1184	0.7546
sens-7-gram	0.7474	0.2526	0.5282	0.0549	0.7489
sens-8-gram	0.6947	0.3053	0.5605	0.1048	0.6848
sens-9-gram	0.5553	0.4447	0.4796	-0.0292	0.6259
shoppers	0.7510	0.2490	0.6076	0.2071	0.7503
sick	0.8594	0.1406	0.6120	0.2046	0.6116
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.5539	0.4461	0.6874	0.2439	0.4918
smarket	0.8880	0.1120	0.8895	0.7754	0.4469
smart-farming	0.1400	0.4300	0.1324	-0.1436	0.8772
smk_can_187	0.7368	0.2632	0.7449	0.4633	0.6993
soil_pollution	0.1967	0.3213	0.1974	-0.0044	0.8704
solar-flare	0.7842	0.0719	0.6961	0.7241	0.2117
sonar	0.6500	0.3500	0.6508	0.3000	0.8761

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
soybean	0.9412	0.0062	0.9627	0.9355	0.0258
spam-detection	0.7205	0.2795	0.5994	0.1485	0.5580
spambase	0.9174	0.0826	0.9136	0.8273	0.3888
spect	0.6296	0.3704	0.5723	0.1346	0.8110
spectf	0.8000	0.2000	0.8016	0.5739	0.6162
spectrometer	0.5849	0.0173	0.2958	0.5633	0.0972
splice-EI	0.9401	0.0599	0.9203	0.8405	0.3518
splice-IE	0.8959	0.1041	0.8540	0.7078	0.5119
sport-articles	0.7600	0.2400	0.7346	0.4612	0.7351
squash-stored	0.6000	0.2667	0.6667	0.4118	0.3599
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.4010	0.3994	0.4235	0.1307	0.7380
steel-b	0.8667	0.1333	0.7802	0.5410	0.5581
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8410	0.1590	0.8209	0.6363	0.5814
steel-p	0.9385	0.0615	0.7560	0.4711	0.4407
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stock	0.7778	0.2222	0.6675	0.3295	0.7519
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8840	0.1160	0.8827	0.7655	0.4790
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5650	0.1740	0.3204	0.2961	0.4670
student-habits	0.3800	0.2480	0.2340	0.0712	0.7296
student-weekend	0.1692	0.3323	0.1517	-0.0601	0.8414
student-workday	0.5625	0.1750	0.2213	0.1531	0.6281
studentap	0.5385	0.3077	0.5342	0.2778	0.6089
susy1%	0.7236	0.2764	0.7206	0.4404	0.7894
tae	0.4000	0.4000	0.4551	0.1000	0.6171
telco-churn	0.4830	0.5170	0.4676	-0.0580	0.8742
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7447	0.2553	0.5503	0.0990	0.7759
thrombin	0.9529	0.0471	0.4879	-0.0238	0.5413
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis10%	0.7687	0.2313	0.6625	0.0886	0.3872
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4340	0.6098	0.1060
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f	0.6471	0.3529	0.5858	0.1639	0.8952
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.6088	0.1877	0.7707
trec11-wc	0.6829	0.0705	0.5965	0.5959	0.2642
trec12-wc	0.4839	0.1290	0.4821	0.3279	0.3510
trec21-wc	0.7273	0.0909	0.2412	0.1490	0.1903
trec23-wc	0.5714	0.1429	0.6201	0.3527	0.3042
trec31-wc	0.6989	0.1004	0.6036	0.5894	0.2834
trec41-wc	0.6250	0.0750	0.5219	0.5097	0.2410
trec45-wc	0.5507	0.0899	0.5121	0.4417	0.2438
tuandromd	0.9170	0.0830	0.8679	0.7348	0.4598
turkish	0.8500	0.0750	0.8654	0.8000	0.1610
tvnews1%	0.8615	0.1385	0.8514	0.7027	0.5500
tvnews10%	0.4880	0.5120	0.5711	0.1016	0.7889
ur3_cobotops_grip	0.8558	0.1442	0.5861	0.1118	0.3999

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_stop	0.6476	0.3524	0.5280	0.0197	0.2641
urban	0.7612	0.0531	0.7602	0.7191	0.1808
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
vehicle	0.7976	0.1012	0.7777	0.7291	0.1535
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.6667	0.3333	0.7500	0.4000	0.5283
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.6566	0.0624	0.6947	0.6222	0.1518
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
wap-wc	0.8013	0.0199	0.5803	0.7766	0.1206
warpar10p	0.8462	0.0308	0.7560	0.8255	0.0452
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.4081	0.1691	0.3959	0.3057	0.6484
watch-gyr1%	0.1332	0.2477	0.0742	-0.0121	0.5898
water_pollution	0.2400	0.3800	0.1462	-0.0096	0.5495
waveform	0.7880	0.1413	0.7888	0.6821	0.4452
weather-related	0.9808	0.0035	0.9838	0.9782	0.0258
web-phishing	0.8593	0.0938	0.7874	0.7485	0.4025
Weekly	0.9537	0.0463	0.9533	0.9064	0.2542
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.7143	0.2857	0.5661	0.0694	0.3725
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6918	0.1027	0.3480	0.5080	0.4706
winequality-white	0.6319	0.1052	0.3502	0.4361	0.4330
wisc_bc	0.9298	0.0702	0.9246	0.8492	0.3528
yale	0.6875	0.0417	0.6732	0.6667	0.0602
yeast	0.5676	0.0865	0.3903	0.4413	0.3651
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.6892	0.3108	0.6575	0.1033	0.1971
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.9591	0.0082	0.9552	0.9542	0.0678

Table 365: Detailed results for MLDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1735	0.0787	0.0880	0.0793	0.4586
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8169	0.1831	0.7253	0.4253	0.6550
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7714	0.0914	0.3130	0.4400	0.2390
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8512	0.1488	0.8339	0.6623	0.5542
anneal	0.7079	0.1169	0.1658	0.0000	0.2204
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	0.9889	0.0111	0.4972	-0.0042	0.5331
anuran-family	0.9110	0.0445	0.6496	0.8312	0.2426
anuran-genus	0.9263	0.0184	0.8136	0.8761	0.1708
anuran-species	0.9431	0.0114	0.8862	0.9201	0.0957
anxiety	0.0917	0.2019	0.0872	-0.0243	0.7747
apple-quality	0.5825	0.4175	0.5825	0.1650	0.9436
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.5556	0.0889	0.0714	0.0000	0.2612
auction	0.8676	0.1324	0.6100	0.1745	0.6419

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.4734	0.0878	0.3372	0.1666	0.5602
babies	0.4194	0.1659	0.1364	0.0843	0.4354
balance	0.6613	0.2258	0.4697	0.3698	0.4290
bank	0.9048	0.0952	0.7416	0.4789	0.6061
banknote	0.8832	0.1168	0.8823	0.7644	0.4810
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8940	0.1060	0.8868	0.7578	0.3593
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8698	0.7253	0.2186
biodeg	0.8095	0.1905	0.7943	0.5800	0.6336
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	-0.0001	0.0426
body-perf	0.5784	0.2108	0.5751	0.4378	0.5559
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.5000	0.1667	0.1111	0.0000	0.3136
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.8696	0.1304	0.8614	0.6849	0.3145
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8103	0.0948	0.3946	0.5768	0.2632
card	0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography	0.7324	0.0535	0.5966	0.6728	0.2527
cardiotocography-nsp	0.8545	0.0970	0.7375	0.5936	0.4887
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.8147	0.1235	0.8416	0.7205	0.1559
cars	0.6250	0.2500	0.4315	0.2248	0.6673
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.7031	0.2969	0.7015	0.4030	0.8179
cas_N6512_RDkit_AtomPair_FP	0.7454	0.2546	0.7433	0.4863	0.7579
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.7377	0.2623	0.7360	0.4720	0.7699
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.7615	0.2385	0.7607	0.5213	0.7321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_pattern_FP	0.7485	0.2515	0.7489	0.4966	0.7496
cas_N6512_rdkit_RDKITFP	0.7465	0.2535	0.7450	0.4901	0.7566
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7586	0.5167	0.7163
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9976	0.0024	0.6813	0.3323	0.5035
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8060	0.1940	0.6337	0.2134	0.6760
churn-bigml	0.8727	0.1273	0.6988	0.3688	0.6173
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.4837	0.3971	0.3940
cjs	0.2429	0.2524	0.0651	0.0000	0.3839
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.5593	0.2204	0.4050	0.3441	0.5159
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.4167	0.3889	0.2750	-0.0500	0.6162
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.4660	0.1927	0.7461
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8020	0.0360	0.5499	0.7561	0.2272
coil20	0.1458	0.0854	0.1083	0.1022	0.3561
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5517	0.4483	0.4280	-0.1254	0.9808
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.6207	0.3793	0.5909	0.1671	0.8893
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.7419	0.1720	0.6792	0.5832	0.4193
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7620	0.2380	0.7627	0.5243	0.7279
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9195	0.0805	0.7109	0.4204	0.6303

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8719	0.0427	0.6375	0.7183	0.2558
cryotherapy	0.6667	0.3333	0.6582	0.3077	0.8482
cultivars	0.2500	0.0375	0.1754	0.2312	0.1270
cybersecurity	0.1633	0.2789	0.1409	-0.0146	0.6136
cyclopentane	0.8148	0.1852	0.8118	0.6218	0.6325
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8067	0.1933	0.6674	0.2624	0.6192
defect	0.8735	0.1265	0.7351	0.3106	0.2688
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8976	0.1024	0.7243	0.4406	0.6176
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.2973	0.2342	0.0764	0.0000	0.3667
desharnais	0.5000	0.3333	0.4036	0.1795	0.3510
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.5921	0.1631	0.4026	0.3947	0.4834
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7472	0.1685	0.6450	0.5675	0.4520
drug-01	0.3883	0.1748	0.1156	0.0187	0.5441
drug-02	0.5000	0.1429	0.1388	0.0711	0.4600
drug-03	0.6862	0.0897	0.1163	-0.0072	0.2441
drug-04	0.5053	0.1413	0.1723	0.0338	0.4507
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2497	0.2767	0.4703
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5426	0.1307	0.1223	0.0430	0.3957
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.1537	0.1412	0.3552
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6277	0.1064	0.1823	0.2707	0.3702
drug-14	0.6064	0.1125	0.2712	0.2691	0.3768
drug-15	0.7500	0.0714	0.1236	0.0290	0.2689
drug-16	0.5904	0.1170	0.2450	0.2985	0.3839
drug-17	0.3617	0.1824	0.1744	0.1105	0.4905

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7606	0.0684	0.1234	-0.0134	0.2600
drybean	0.7443	0.0731	0.7824	0.6888	0.2664
ecoli	0.7353	0.0882	0.5683	0.6016	0.1554
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7238	0.4460	0.7379
ecoliMU	0.8182	0.1818	0.4500	-0.1000	0.7161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2300	0.3850	0.2103	-0.0315	0.8555
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.5781	0.4219	0.5620	0.0936	0.8509
eeg10%	0.3384	0.0827	0.3361	0.2617	0.5622
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.9114	0.0886	0.6816	0.2972	0.5110
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5150	0.4850	0.5144	0.0284	0.9878
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.2073	0.0933	0.0202	0.0000	0.3505
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4706	0.5294	0.4333	-0.1168	1.0000
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.8846	0.0577	0.8407	0.8398	0.1555
gas	0.9209	0.0264	0.9173	0.9040	0.1376
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5979	0.2681	0.3723	0.1166	0.5039
gene	0.8959	0.0694	0.8874	0.8356	0.2757
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.5101	0.4899	0.3378	0.0000	0.5269
glass	0.5714	0.1429	0.4752	0.3721	0.3081
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.6667	0.3333	0.6689	0.1503	0.4745
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.8810	0.1190	0.8813	0.7590	0.4804
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.2222	0.2593	0.1224	0.1250	0.2950
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.5479	0.1808	0.5419	0.4240	0.5962
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.7659	0.0669	0.4346	0.6202	0.1574
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth1%	0.4493	0.0918	0.0517	0.0000	0.2692
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.1875	0.5417	0.1435	-0.3333	0.7879
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.8380	0.1620	0.8083	0.6153	0.6172
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6082	0.3918	0.6039	0.2021	0.9099
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2857	0.1786	0.1954	0.1250	0.3341
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.9106	0.0894	0.8296	0.6493	0.4709
hiva	0.9645	0.0355	0.6783	0.3313	0.5221
horse	0.7222	0.1852	0.6966	0.4872	0.3937
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.4670	0.3554	0.4747	0.1807	0.6965
htru2	0.9615	0.0385	0.8745	0.7391	0.3112
hypothyroid	0.9204	0.0398	0.3321	0.4401	0.1804
hypothyroidT	0.9363	0.0637	0.7301	0.2778	0.1636
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	0.8667	0.0889	0.8611	0.7973	0.2246
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8072	0.1928	0.5851	0.0619	0.5329
jvowels	0.8584	0.0315	0.8590	0.8398	0.1855
kc1	0.8531	0.1469	0.6436	0.1948	0.5528
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.7692	0.0923	0.5122	0.4868	0.2637
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.7887	0.1409	0.7142	0.6427	0.2833
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2670	0.0814	0.1840	0.1648	0.5601
krvskp	0.9279	0.0721	0.9278	0.8555	0.3462
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0205	0.7176	0.7521	0.0639
led24	0.6000	0.0889	0.5218	0.5429	0.2049
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.6400	0.0277	0.6517	0.6257	0.3142
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
libra	0.7778	0.0296	0.7914	0.7614	0.1052
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7353	0.2647	0.7218	0.4354	0.7621
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8868	0.0323	0.8244	0.8418	0.0835
lung	0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete	0.5000	0.2000	0.3200	0.3333	0.2448
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.3333	0.6667	0.2500	-0.5000	1.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.5714	0.2857	0.2424	0.0000	0.3175
lymphoma2	0.5556	0.1481	0.2326	0.2941	0.2247
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.6077	0.3923	0.6083	0.2154	0.9183
magic04	0.7601	0.2399	0.7249	0.4346	0.7261
malware	0.8108	0.1892	0.4478	0.0000	0.3405
mammography	0.8125	0.1875	0.8125	0.6245	0.6395
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6337	0.2442	0.6318	0.4327	0.5054
math	0.8000	0.1000	0.7816	0.6899	0.3090
mba	0.8242	0.1172	0.3864	0.1229	0.3792
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.2267	0.3093	0.1900	0.0232	0.6300
messidor	0.6261	0.3739	0.6244	0.2479	0.8998
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.5556	0.2222	0.6573	0.3898	0.3123
meter-D	0.3333	0.3333	0.1579	0.0226	0.3157
mfeat-fac	0.8100	0.0380	0.7933	0.7889	0.0868
mfeat-fou	0.8200	0.0360	0.8186	0.8000	0.1571
mfeat-kar	0.9700	0.0060	0.9712	0.9667	0.0375
mfeat-mor	0.7050	0.0590	0.6448	0.6722	0.1646
mfeat-pix	0.8800	0.0240	0.8918	0.8667	0.0800
mfeat-zer	0.8150	0.0370	0.8140	0.7944	0.1540
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.7453	0.1698	0.7184	0.6065	0.4762
mines	0.5294	0.1882	0.5850	0.4100	0.3431
mobile	0.8427	0.0056	0.8512	0.8398	0.0743
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7679	0.2321	0.7886	0.5285	0.5651
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
musk	0.9106	0.0894	0.8116	0.6058	0.4685
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.7737	0.2263	0.7662	0.5323	0.7176
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9485	0.0515	0.9488	0.8970	0.2663
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8447	0.0163	0.1413	0.5511	0.3335
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6403	0.3597	0.6369	0.2714	0.8872
NHANES_age_prediction	0.9912	0.0088	0.9835	0.9670	0.1081
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4861	0.3426	0.2694	-0.0517	0.5491
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.2891	0.2031	0.1353	0.1569	0.3289
obs	0.8148	0.0926	0.8514	0.7215	0.2611
occupancy	0.9752	0.0248	0.9673	0.9326	0.2200
Occupancy_Estimation	0.8865	0.0568	0.7278	0.6463	0.3571
oh0-wc	0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
olive	0.9474	0.0117	0.9345	0.9347	0.0365
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.0500	0.0475	0.0140	0.0256	0.3635
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9415	0.0234	0.6554	0.5995	0.3432
parkinson	0.9583	0.0417	0.9579	0.9146	0.2357
parkinsons	0.8341	0.1659	0.8227	0.6451	0.6083
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.8315	0.1685	0.7794	0.5143	0.5229
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.6214	0.2387	0.6639
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.8684	0.1316	0.8152	0.6226	0.5508
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.8981	0.0204	0.8997	0.8866	0.1330
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0628	0.1171	0.0074	0.0000	0.4134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pet-adoption	0.8900	0.1100	0.8733	0.7413	0.4508
phishing	0.9469	0.0531	0.9442	0.8876	0.2693
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%	0.4770	0.1494	0.4527	0.3867	0.5221
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%	0.5958	0.1155	0.5566	0.5249	0.3624
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7148	0.2852	0.5126	0.0019	0.5089
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9856	0.0096	0.9749	0.9544	0.0878
placement	0.7140	0.2860	0.7021	0.4004	0.8025
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.5978	0.0332	0.2464
polish-5th	0.9306	0.0694	0.5966	0.0403	0.2959
polya	0.7805	0.2195	0.7541	0.5022	0.7067
popularity	0.6570	0.2287	0.4332	0.1829	0.5235
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7215	0.4412	0.7888
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.1515	0.1305	0.0582	0.0714	0.3556
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7015	0.2985	0.6218	0.1687	0.7063
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.7791	0.0884	0.6615	0.6964	0.2877
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5083	0.4917	0.5083	0.0167	0.9952
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9761	0.0239	0.9250	0.8429	0.1635
raisin	0.9000	0.1000	0.9025	0.8000	0.4045
re0-wc	0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9269	0.0731	0.9275	0.8509	0.3139
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6212	0.3788	0.5858	0.1524	0.8787
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.7932	0.0689	0.7447	0.7413	0.2470
satimageF	0.9627	0.0373	0.8973	0.7800	0.2065

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9231	0.0769	0.4800	-0.0218	0.5944
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9091	0.0260	0.9201	0.8936	0.1031
segmentation	0.7822	0.2178	0.7567	0.5100	0.7101
segmentO	0.9177	0.0823	0.8218	0.5738	0.2044
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8583	0.1417	0.5699	0.0856	0.6169
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8737	0.1263	0.6366	0.1843	0.5406
sens-6-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sens-7-gram	0.8711	0.1289	0.6156	0.1116	0.4810
sens-8-gram	0.8605	0.1395	0.5894	0.1319	0.6470
sens-9-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8800	0.1200	0.7278	0.3864	0.4885
shuttle	0.9262	0.0211	0.7252	0.7706	0.3016
sick	0.9178	0.0822	0.5198	0.0294	0.6379
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2033	0.3187	0.2186	-0.0007	0.7797
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.1324	0.0913	0.0123	0.0000	0.3690
spam-detection	0.8965	0.1035	0.5478	0.0622	0.6125
spambase	0.8870	0.1130	0.8822	0.7567	0.4306
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.7714	0.2286	0.7131	0.2632	0.3942
spectrometer	0.7115	0.0214	0.5884	0.6942	0.0931
splice-EI	0.9338	0.0662	0.9190	0.8334	0.3883
splice-IE	0.8896	0.1104	0.8439	0.6872	0.5272
sport-articles	0.8400	0.1600	0.8270	0.6365	0.5307
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.6647	0.2236	0.6224	0.4624	0.5935
steel-b	0.8051	0.1949	0.6759	0.3426	0.7384
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9641	0.0359	0.9439	0.8868	0.2321
steel-o	0.7487	0.2513	0.7104	0.3717	0.6713
steel-p	0.9128	0.0872	0.6038	0.1576	0.5801
steel-s	0.9846	0.0154	0.8934	0.7617	0.0555
steel-z	0.9333	0.0667	0.8242	0.6459	0.5478
stellar	0.5945	0.2703	0.2486	0.0000	0.3397

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stock	0.8958	0.1042	0.8069	0.5931	0.4811
stockb	0.8767	0.0822	0.8817	0.8149	0.2117
streaming	0.6120	0.3880	0.6098	0.1634	0.7808
stress	0.9683	0.0127	0.9700	0.9603	0.0360
student-lifestyle	0.5900	0.1640	0.3222	0.3493	0.4490
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4800	0.2080	0.2213	0.1709	0.4295
student-weekend	0.4462	0.2215	0.2194	0.2005	0.4266
student-workday	0.7031	0.1187	0.2271	0.0830	0.3018
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7502	0.2498	0.7569	0.4825	0.6653
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.6000	0.2667	0.6063	0.4000	0.5219
telco-churn	0.8977	0.1023	0.8640	0.7197	0.4376
texture	0.9236	0.0139	0.9306	0.9158	0.0945
theorem	0.9624	0.0376	0.9613	0.9226	0.2187
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.7579	0.2421	0.7200	0.4364	0.7586
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.4186	-0.0736	0.7975
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.8000	0.1000	0.8008	0.7333	0.2036
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8358	0.0365	0.8392	0.8080	0.1536
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.6905	0.1548	0.6444	0.5806	0.3453
vehicleVAN	0.7857	0.2143	0.6746	0.2340	0.5474
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6364	0.0661	0.6310	0.6000	0.2211
vowelZ	0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	0.9524	0.0095	0.9623	0.9468	0.0229
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc1%	0.5114	0.1396	0.5042	0.4257	0.5277
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.5062	0.1411	0.4921	0.4212	0.5075
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2167	0.3917	0.2169	-0.0446	0.8847
waveform	0.7880	0.1413	0.7908	0.6822	0.4100
web-phishing	0.7704	0.1531	0.6249	0.5688	0.4492
Weekly	0.9815	0.0185	0.9815	0.9623	0.0972
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5786	0.1405	0.2722	0.3124	0.4068
winequality-white	0.5051	0.1414	0.2421	0.1902	0.4716
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7318	0.7322	0.0609
yeast	0.3986	0.1336	0.1604	0.1944	0.3937
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 366: Detailed results for MLP

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1175	0.0609	0.0303	0.0282	0.5031
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.5383	0.4617	0.4989	-0.0003	0.1226
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.9390	0.0610	0.8899	0.7720	0.4670
adult	0.8251	0.1749	0.7695	0.5371	0.6785
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.6746	0.3254	0.5503	0.0685	0.5240
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.4667	0.5333	0.4755	-0.0352	0.7032
AID_602330	0.7135	0.2865	0.4951	-0.0046	0.3288
AID_652128	0.7980	0.1347	0.3920	0.0060	0.6369
AID1284Morered	0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red	0.6667	0.3333	0.4762	-0.0435	0.7274
AID1608Morered	0.5825	0.4175	0.5472	0.0449	0.3851
AID1608red	0.6990	0.3010	0.5173	0.0197	0.4156
AID362red	0.9556	0.0444	0.4886	-0.0196	0.4257
AID373AID439red	0.8772	0.1228	0.4673	-0.0003	0.0032
AID373red	0.9115	0.0885	0.4769	-0.0020	0.0220
AID439Morered	0.8571	0.1429	0.8250	0.5882	0.5283
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9369	0.0631	0.5642	0.0252	0.0963
AID604	0.9378	0.0622	0.4840	-0.0067	0.0967
AID604AID644_AllRed	0.9187	0.0813	0.4788	-0.0020	0.0234
AID644Morered	0.6500	0.3500	0.5631	0.1250	0.9054
AID644red	0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red	0.9543	0.0457	0.4883	-0.0012	0.0226
AID687red	0.8796	0.1204	0.4953	-0.0009	0.0528
AID688red	0.8841	0.1159	0.5339	0.0201	0.1601
AID721morered	0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red	0.2222	0.7778	0.1818	-0.4651	0.7939
AID746AID1284red	0.9428	0.0572	0.4853	-0.0020	0.0307
AID746red	0.9239	0.0761	0.4958	-0.0024	0.1392
aids	0.8592	0.1408	0.8025	0.6029	0.6008
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8671	0.1329	0.8670	0.7321	0.5183
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9597	0.0403	0.7331	0.2825	0.3534
anuran-family	0.9555	0.0223	0.7737	0.9162	0.2919
anuran-genus	0.9513	0.0122	0.8915	0.9196	0.1417
anuran-species	0.9431	0.0114	0.8167	0.9208	0.1236
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.7200	0.2800	0.7216	0.4400	0.7857
aps-failure	0.9280	0.0720	0.6175	0.1632	0.3964
arabidopsis	0.4989	0.5011	0.5012	0.0001	0.0567
arabidopsis0.1%	0.5059	0.4941	0.6065	0.0174	0.0489
arabidopsis1%	0.5085	0.4915	0.5496	0.0067	0.0530
arabidopsis10%	0.4984	0.5016	0.5294	0.0038	0.0545

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.4889	0.0786	0.3340	0.3137	0.4943
auction	0.8824	0.1176	0.6839	0.3412	0.6235
audiology	0.8696	0.0109	0.3979	0.8490	0.0365
audit-risk	0.9487	0.0513	0.9465	0.8917	0.2547
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9000	0.1000	0.8972	0.7734	0.4176
autism-child	0.8966	0.1034	0.9058	0.7943	0.3261
autos	0.9000	0.0333	0.7526	0.8667	0.0771
avila	0.4068	0.0989	0.2050	0.2342	0.7763
babies	0.4355	0.1613	0.1862	0.1468	0.5571
balance	0.8871	0.0753	0.6113	0.7879	0.2115
bank	0.8742	0.1258	0.7085	0.4150	0.6729
banknote	0.9708	0.0292	0.9715	0.9413	0.1580
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8249	0.1751	0.8213	0.6359	0.6137
basehock	0.9095	0.0905	0.9103	0.8190	0.3952
bio	0.6656	0.3344	0.5879	0.0205	0.0764
bio10%	0.6644	0.3356	0.5948	0.0223	0.0757
biodeg	0.8571	0.1429	0.8513	0.7014	0.5556
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9446	0.0038	0.0336	-0.0036	0.8290
bitcoin1%	0.8721	0.0088	0.0322	0.0024	0.2995
bitcoin10%	0.9359	0.0044	0.0334	-0.0010	0.5973
body-perf	0.5373	0.2313	0.5420	0.3831	0.5108
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.7315	0.4494	0.7344
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.6364	0.1212	0.5346	0.5510	0.2080
bridges	0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17	0.5455	0.4545	0.4066	-0.1062	0.4950
bub12at310k-hg16-17	0.5229	0.4771	0.4576	-0.0451	0.4758
bub8at310k-hg16-17	0.4999	0.5001	0.5811	0.0769	0.4030
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.5000	0.5000	0.4667	-0.0667	0.9927
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4150	0.3900	0.3164	-0.0020	0.4865
car	0.9195	0.0402	0.8769	0.8362	0.2486
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography	0.7089	0.0582	0.6136	0.6447	0.2535
cardiotocography-nsp	0.8028	0.1315	0.7047	0.5410	0.5093
cardiovascular	0.6928	0.3072	0.6952	0.3855	0.8174
cargo2k	0.9873	0.0085	0.9871	0.9810	0.0485
cars	0.6750	0.2167	0.5916	0.4683	0.4646
cas_N6512_cdk_ECFP2	0.6682	0.3318	0.6683	0.3358	0.8572
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.6774	0.3226	0.6759	0.3518	0.8495
cas_N6512_RDkit_MACCS_FP	0.7071	0.2929	0.7121	0.4182	0.7941
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.6662	0.3338	0.6622	0.3214	0.8584
ccds	0.5169	0.4831	0.5450	0.0253	0.2295
ccds1%	0.4835	0.5165	0.4951	-0.0025	0.2248
ccds10%	0.5134	0.4866	0.5136	0.0073	0.2290
cdc_diabetes	0.8233	0.1178	0.3808	0.0791	0.4215
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.8840	0.1160	0.6601	0.2980	0.6150
census10%	0.8693	0.1307	0.5778	0.1448	0.6094
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9302	0.0698	0.6880	0.3645	0.5962
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9070	0.0930	0.6589	0.2893	0.5790
cervical-S	0.9186	0.0814	0.7990	0.5871	0.5886
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.7610	0.2390	0.4782	-0.0007	0.0116
chrom191%	0.8912	0.1088	0.4712	-0.0023	0.0221
chrom1910%	0.9842	0.0158	0.4960	-0.0020	0.0990
chrom21	0.4983	0.5017	0.4540	-0.0001	0.0019
chrom211%	0.5008	0.4992	0.3337	-0.0016	0.0080
chrom2110%	0.5076	0.4924	0.6014	0.0005	0.0014
chronic-kidney	0.8795	0.1205	0.5827	0.1654	0.6915
churn	0.8260	0.1740	0.7011	0.3884	0.6934
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7053	0.2947	0.7029	0.3998	0.7987
circles	0.0000	0.0200	0.0000	-0.0101	0.3143
cirrhosis	0.3810	0.4127	0.1839	0.0000	0.3169
cjs	0.9964	0.0012	0.9961	0.9956	0.0080
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7463	0.1269	0.5480	0.6033	0.4911
climate	0.6111	0.3889	0.6689	0.1698	0.3372
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.7600	0.2400	0.6347	0.2208	0.6018
cmc	0.4898	0.3401	0.4450	0.1815	0.7435
cnae-9	0.9352	0.0144	0.9362	0.9271	0.0734
codon_usage	0.7229	0.0504	0.4601	0.6618	0.4045
coil20	0.7847	0.0215	0.7366	0.7732	0.1098
college	0.8831	0.1169	0.8606	0.7179	0.5302
collins	0.2800	0.0960	0.2143	0.2046	0.3708
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.4138	0.5862	0.3659	-0.2674	1.0000
colposcopies-3	0.5862	0.4138	0.5846	0.1675	0.9281
colposcopies-4	0.6207	0.3793	0.5770	0.1493	0.8677
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.4828	0.5172	0.4690	-0.0533	0.9760
colposcopies-c	0.7931	0.2069	0.7175	0.4351	0.7404
column-2c	0.7419	0.2581	0.7933	0.5118	0.5164
column-3c	0.6774	0.2151	0.5852	0.4850	0.5148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5060	0.4940	0.4972	-0.0051	0.9740
comedy_comparisons1%	0.5066	0.4934	0.5055	0.0109	0.9964
comedy_comparisons10%	0.4985	0.5015	0.4992	-0.0016	0.9989
connect-4	0.9809	0.0127	0.5837	0.3497	0.2439
cottonmeloidogyne	0.7236	0.2764	0.7238	0.4467	0.7870
coupon	0.6175	0.3825	0.6195	0.2363	0.9001
covid19	0.4303	0.1628	0.1712	0.0599	0.5651
covtype	0.6005	0.1141	0.4411	0.3509	0.4207
covtype10%	0.6219	0.1080	0.3205	0.3822	0.4690
covtypeCD	0.9418	0.0582	0.8674	0.7236	0.3492
covtypeT	0.9366	0.0634	0.7478	0.4950	0.5837
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.8995	0.1005	0.6342	0.0232	0.0448
creditcard_trans10%	0.9842	0.0158	0.6740	0.1482	0.2251
crowdsourced	0.8645	0.0452	0.6009	0.7203	0.3531
cryotherapy	0.6667	0.3333	0.6750	0.3415	0.8344
cultivars	0.1562	0.0422	0.0969	0.1369	0.1379
customer-churn	0.9658	0.0342	0.6012	0.2018	0.5818
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.5185	0.4815	0.5250	0.0488	0.9705
cylinder-bands	0.6667	0.3333	0.6592	0.3184	0.8647
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
day1%	0.8852	0.1148	0.8794	0.7562	0.4890
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7410	0.2590	0.6460	0.2903	0.7991
defect	0.6142	0.3858	0.6566	0.2251	0.5808
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8368	0.1632	0.6520	0.2996	0.7073
depressed	0.7832	0.2168	0.4392	-0.0820	0.8057
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
df_final	0.3125	0.4583	0.1961	-0.0476	0.7030
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9231	0.0769	0.9216	0.8405	0.3680
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.8606	0.1394	0.7809	0.5607	0.6275
diabetic	0.3536	0.4309	0.3442	0.0122	0.7958
diabetic1%	0.4608	0.3595	0.4302	0.1422	0.7454
diabetic10%	0.3546	0.4303	0.3448	0.0128	0.7970
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9167	0.0417	0.8683	0.8847	0.1462
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.5086	0.4914	0.5022	0.0001	0.0216
dna1%	0.4981	0.5019	0.4726	-0.0011	0.0219
dna10%	0.4996	0.5004	0.5040	0.0002	0.0212
dorothea	0.8522	0.1478	0.7921	0.4947	0.5222
dota2	0.5133	0.4867	0.5134	0.0267	0.9905
dota210%	0.5311	0.4689	0.5298	0.0597	0.9810
drebin	0.3787	0.6213	0.2747	0.0000	0.5182
dropout	0.7314	0.1791	0.6611	0.5547	0.5222

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3138	0.1960	0.1777	0.0349	0.7761
drug-02	0.4202	0.1657	0.2398	0.1053	0.7181
drug-03	0.4628	0.1535	0.1970	0.0947	0.8039
drug-04	0.4149	0.1672	0.1677	0.0892	0.7997
drug-05	0.5851	0.1185	0.1495	0.0077	0.6159
drug-06	0.3883	0.1748	0.3020	0.2353	0.5772
drug-07	0.3404	0.1885	0.1373	0.0361	0.8013
drug-08	0.4309	0.1626	0.1789	0.1306	0.8091
drug-09	0.6330	0.1049	0.1398	0.0505	0.6687
drug-10	0.4628	0.1535	0.1739	0.1836	0.8011
drug-11	0.5532	0.1277	0.2174	0.1051	0.5660
drug-12	0.3989	0.1717	0.1473	-0.0556	0.6765
drug-13	0.5266	0.1353	0.2393	0.2151	0.7433
drug-14	0.4628	0.1535	0.2294	0.2153	0.7816
drug-15	0.4574	0.1550	0.1850	0.1142	0.7625
drug-16	0.5372	0.1322	0.2478	0.2929	0.7540
drug-17	0.2660	0.2097	0.1684	0.0729	0.7917
drug-18	0.7500	0.1000	0.2666	0.0344	0.0576
drug-19	0.5160	0.1383	0.1581	0.0337	0.7708
drybean	0.9082	0.0262	0.9212	0.8888	0.1419
ecoli	0.8235	0.0441	0.5249	0.7577	0.1391
ecoliCP-IM	0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM	0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.1695	0.1038	0.1281	0.0908	0.8231
eeg-eye	0.6208	0.3792	0.6201	0.2396	0.9062
eeg10%	0.2115	0.0986	0.1320	0.1212	0.7186
email_phishing	0.9867	0.0133	0.4966	-0.0002	0.0908
eucalyptus	0.5479	0.1808	0.5390	0.4224	0.5411
euthyroid	0.9272	0.0728	0.8094	0.6163	0.5671
exon.vs.intron-freq	0.8616	0.1384	0.8661	0.7246	0.5036
exon.vs.intron-freq10%	0.8446	0.1554	0.8489	0.6907	0.5467
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.8913	0.1087	0.8909	0.7810	0.4527
fbis-wc	0.6789	0.0378	0.5339	0.6360	0.3031
fertility	0.6000	0.4000	0.3750	-0.1765	0.5613
finance	0.6471	0.3529	0.6468	0.2928	0.8796
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9554	0.9220	0.0612
flags	0.3000	0.1750	0.1784	0.1691	0.3904
fonts	0.0785	0.0120	0.0124	0.0448	1.0000
fonts10%	0.0871	0.0119	0.0127	0.0492	1.0000
forest	0.9231	0.0385	0.9163	0.8938	0.1222
gas	0.8620	0.0460	0.8558	0.8330	0.2068
gastrointestinal	0.5625	0.2917	0.5499	0.3086	0.6193
gender	0.5537	0.2975	0.3791	0.1576	0.6870
gene	0.7666	0.1556	0.7770	0.6469	0.4358
german	0.6700	0.3300	0.6350	0.2699	0.8712
gestures	0.2902	0.3549	0.2912	0.0537	0.8404
gina	0.8847	0.1153	0.8854	0.7690	0.4652
gisette	0.9614	0.0386	0.9617	0.9229	0.2120
glass	0.7143	0.0952	0.8031	0.6216	0.2775
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.8636	0.1364	0.4634	-0.0645	0.7409

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8452	0.1548	0.8398	0.6777	0.5692
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.5159	0.2547	0.5213
gsalc	0.4444	0.1852	0.3878	0.3182	0.2284
haberman	0.7333	0.2667	0.6867	0.3684	0.7853
hapt	0.7612	0.0398	0.4260	0.7179	0.2212
har	0.6764	0.1295	0.6767	0.5911	0.4621
har70	0.7312	0.0768	0.4582	0.6249	0.3183
har701%	0.7204	0.0799	0.3975	0.5595	0.3816
har7010%	0.7362	0.0754	0.4258	0.5844	0.4531
harth	0.6635	0.0561	0.2664	0.5429	0.3896
harth1%	0.6459	0.0590	0.2455	0.5158	0.3202
harth10%	0.6614	0.0564	0.2323	0.5216	0.3936
hayes-roth	0.4375	0.3750	0.4875	0.1529	0.6200
hcc-survival	0.4706	0.5294	0.4648	-0.0699	1.0000
health-activity	0.7300	0.1350	0.2465	-0.0060	0.4868
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.6774	0.3226	0.6799	0.3568	0.8394
heart-c	0.8667	0.1333	0.8661	0.7321	0.5220
heart-failure	0.9000	0.1000	0.8875	0.7734	0.4675
heart-quantum	0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis	0.7333	0.2667	0.7692	0.4444	0.5288
hepmass	0.8273	0.1727	0.8273	0.6546	0.6102
hepmass1%	0.8264	0.1736	0.8265	0.6528	0.6114
hepmass10%	0.7736	0.2264	0.7737	0.5470	0.7107
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.6372	0.2642	0.7875
higgs	0.5159	0.4841	0.5147	0.0295	0.9900
higgs0.1%	0.5436	0.4564	0.5442	0.0881	0.9699
higgs1%	0.5262	0.4738	0.5270	0.0538	0.9808
higgs10%	0.5743	0.4257	0.5734	0.1467	0.9497
higher	0.2143	0.1964	0.1461	0.0941	0.3485
hinselmann	0.4000	0.6000	0.2857	-0.3636	0.7910
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.7352	0.2648	0.7149	0.3687	0.6352
hiva	0.4610	0.5390	0.5156	0.0070	0.2001
horse	0.6667	0.2222	0.6300	0.4232	0.5823
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.6522	0.2319	0.6573	0.4796	0.5724
ht-sensor10%	0.5787	0.2809	0.5854	0.3725	0.6175
htru2	0.9765	0.0235	0.9270	0.8526	0.2515
hypothyroid	0.9310	0.0345	0.5210	0.5653	0.3440
hypothyroidT	0.9788	0.0212	0.9211	0.8289	0.0734
ilpd	0.6441	0.3559	0.5585	0.1169	0.9037
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9493	0.0253	0.9500	0.9324	0.1047
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.8667	0.0889	0.8776	0.8000	0.1393
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.3992	0.0462	0.3960	0.3752	0.3765

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.8725	0.0283	0.8667	0.8555	0.1719
kc1	0.8389	0.1611	0.5467	0.0303	0.5295
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.5714	0.0357	0.0760	0.3115	0.1088
kc1-class-level-top5percentDF	0.6000	0.4000	0.6617	0.1509	0.3113
kc2	0.7885	0.2115	0.6935	0.3863	0.7537
kdc-4007	0.8254	0.0436	0.7241	0.7962	0.2563
kddcup98	0.5047	0.4953	0.5124	0.0081	0.2855
kddcup981%	0.3895	0.6105	0.3629	-0.0699	0.2913
kddcup9810%	0.4932	0.5068	0.5121	0.0078	0.2843
kddcup99	0.9928	0.0006	0.2187	0.9876	0.1245
kddcup991%	0.9087	0.0079	0.1916	0.8493	0.0886
kddcup9910%	0.9895	0.0009	0.2830	0.9821	0.0457
kepler	0.8441	0.1039	0.7889	0.7447	0.2666
kidney	0.7916	0.0833	0.2071	0.0020	0.4438
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.1651	0.0928	0.0974	0.0612	0.8119
krvskp	0.9655	0.0345	0.9656	0.9309	0.2014
la1s-wc	0.7937	0.0688	0.7802	0.7447	0.3313
la2s-wc	0.8245	0.0585	0.8241	0.7837	0.2970
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.2647	0.0368	0.1538	0.2458	0.1239
led24	0.6500	0.0700	0.5995	0.6067	0.1587
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.3855	0.0473	0.4224	0.3615	0.4426
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.5000	0.0667	0.4415	0.4627	0.1880
linkage	0.9962	0.0037	0.8467	0.6493	0.5296
linkage1%	0.9972	0.0028	0.8617	0.7024	0.5071
linkage10%	0.9971	0.0029	0.8578	0.6936	0.5106
liver	0.7059	0.2941	0.6808	0.3585	0.8145
loan	0.8970	0.1030	0.9001	0.7894	0.4162
localization	0.3660	0.1153	0.1691	0.1841	0.7479
localization10%	0.3532	0.1176	0.1568	0.1604	0.7287
lrs	0.6981	0.0604	0.2941	0.5943	0.2217
lung	0.8571	0.0571	0.8910	0.7649	0.2406
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8000	0.0800	0.8354	0.6748	0.2257
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2	0.7778	0.0494	0.4825	0.7143	0.1027
machine-failure	0.9043	0.0957	0.9056	0.8064	0.4097
madelon	0.4846	0.5154	0.4846	-0.0308	1.0000
magic04	0.7849	0.2152	0.7614	0.5223	0.7124
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8021	0.1979	0.8016	0.6031	0.6609
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.5644	0.2904	0.5902	0.3538	0.5768
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.7391	0.2609	0.7471	0.4835	0.7360
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.9112	0.8455	0.1284
meter-D	0.8333	0.0833	0.8451	0.7682	0.1516
mfeat-fac	0.9350	0.0130	0.9362	0.9278	0.0790
mfeat-fou	0.6850	0.0630	0.6866	0.6500	0.2655
mfeat-kar	0.9000	0.0200	0.9007	0.8889	0.1088
mfeat-mor	0.6850	0.0630	0.7041	0.6500	0.2050
mfeat-pix	0.9000	0.0200	0.9011	0.8889	0.1155
mfeat-zer	0.7950	0.0410	0.8038	0.7722	0.1850
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9340	0.0440	0.9269	0.8973	0.0894
mines	0.5000	0.2000	0.5189	0.3578	0.3167
mobile	0.1119	0.0317	0.0957	0.0954	0.4010
monks-1	0.6182	0.3818	0.6203	0.2326	0.8914
monks-2	0.5902	0.4098	0.5923	0.1761	0.8832
monks-3	0.8393	0.1607	0.8395	0.6786	0.5835
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3356	0.1208	0.3021	0.2139	0.6734
musk	0.8924	0.1076	0.7754	0.5425	0.5727
MUT_ci300400a_cdk_ECFP2	0.7530	0.2470	0.7513	0.5002	0.7421
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.6717	0.3283	0.6622	0.3241	0.8601
myocardial	0.6059	0.0985	0.2029	0.1665	0.7068
naticusdroid	0.9482	0.0518	0.9482	0.8963	0.2726
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	1.0000	0.0000	0.6667	1.0000	0.0000
ncRNA	0.7925	0.0218	0.1377	0.4901	0.6821
ncRNA1%	0.7739	0.0238	0.0836	0.4634	0.7256
ncRNA10%	0.5841	0.0438	0.0952	0.2939	0.6503
neo	0.8393	0.1607	0.6728	0.3225	0.6524
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.9211	0.8293	0.4011
new3s-wc	0.1324	0.0394	0.0759	0.1036	0.6850
newspop	0.6148	0.3852	0.6149	0.2294	0.9132
NHANES_age_prediction	0.9163	0.0837	0.8748	0.7317	0.5012
nomao	0.8862	0.1138	0.8704	0.7354	0.5105
NPHA-doctor-visits	0.4444	0.3704	0.3437	0.0361	0.7953
nursery	0.9113	0.0355	0.6173	0.8689	0.1537
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.7963	0.1019	0.8233	0.6940	0.3069
occupancy	0.9737	0.0263	0.9656	0.9289	0.2268
Occupancy_Estimation	0.9872	0.0064	0.9614	0.9611	0.0545
oh0-wc	0.8515	0.0297	0.8324	0.8318	0.1491
oh10-wc	0.7143	0.0571	0.7044	0.6789	0.2779
oh15-wc	0.7174	0.0565	0.6990	0.6819	0.2815
oh5-wc	0.7912	0.0418	0.7772	0.7659	0.2044

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.5188	0.0962	0.4907	0.4589	0.5664
olive	0.9474	0.0117	0.9397	0.9347	0.0391
opn310k	0.5358	0.4642	0.3760	-0.1394	0.4935
opn310k10%	0.5691	0.4309	0.4510	-0.0565	0.4903
opnat310k-hg16-17	0.5053	0.4947	0.5766	0.0737	0.4102
optdigits	0.9466	0.0107	0.9486	0.9407	0.0763
optdigitsZ	0.9822	0.0178	0.9504	0.8976	0.3086
orl	0.3250	0.0338	0.2554	0.3077	0.1347
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.5929	0.4071	0.6413	0.0888	0.1978
ozone8hr	0.5810	0.4190	0.6065	0.1049	0.3819
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7113	0.2887	0.7359	0.4357	0.7026
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8492	0.1508	0.8505	0.6987	0.5557
p53-mutants	0.5827	0.4173	0.5429	0.0041	0.0376
p53-mutants10%	0.5955	0.4045	0.3733	-0.0064	0.0292
page-blocks	0.9378	0.0249	0.5677	0.6302	0.5334
parkinson	0.9333	0.0667	0.9345	0.8646	0.3141
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.7895	0.2105	0.8155	0.5682	0.5164
particle	0.8053	0.1947	0.7877	0.5622	0.6588
particle10%	0.8538	0.1462	0.8136	0.6250	0.5913
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9369	0.0631	0.7116	0.2096	0.1619
pcmac	0.4845	0.5155	0.4878	-0.0240	0.9869
pcos	0.9900	0.0100	0.9849	0.9693	0.1307
pd	0.8553	0.1447	0.8365	0.6562	0.5717
pediatric-leukemia	0.7941	0.0588	0.7317	0.7495	0.1472
pendigits	0.9354	0.0129	0.9336	0.9281	0.0905
period	0.3333	0.6667	0.2500	-0.5000	1.0000
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9388	0.0612	0.9389	0.8741	0.3038
PhiUSIIL	0.9954	0.0046	0.9953	0.9906	0.0389
PhiUSIIL10%	0.9970	0.0030	0.9970	0.9939	0.0279
phone-acc	0.5546	0.1273	0.5597	0.4797	0.4554
phone-acc0.1%	0.6133	0.1105	0.5783	0.5475	0.4119
phone-acc1%	0.6325	0.1050	0.5979	0.5699	0.3803
phone-acc10%	0.6057	0.1127	0.5682	0.5368	0.3698
phone-gyr	0.4835	0.1476	0.4851	0.3981	0.5083
phone-gyr0.1%	0.5757	0.1212	0.5487	0.5028	0.4157
phone-gyr1%	0.5837	0.1190	0.5652	0.5123	0.4317
phone-gyr10%	0.5593	0.1259	0.5326	0.4855	0.4089
phoneme	0.7296	0.2704	0.7323	0.4348	0.7092
phy	0.6584	0.3416	0.6584	0.3168	0.8709
pima	0.7763	0.2237	0.7617	0.5179	0.7048
pirvision	0.9027	0.0649	0.7914	0.6197	0.2134
placement	0.7440	0.2560	0.7521	0.4925	0.7265
plant-growth	0.4211	0.5789	0.4157	-0.1676	1.0000
plrx	0.5000	0.5000	0.4121	-0.1739	0.9401
poker	0.4657	0.1069	0.0979	0.0048	0.3782
poker1%	0.4605	0.1079	0.0955	-0.0030	0.3114
poker10%	0.4632	0.1074	0.0959	0.0008	0.3674
polish-1st	0.9246	0.0754	0.5155	0.0310	0.6104
polish-2nd	0.9302	0.0698	0.5087	0.0173	0.6315
polish-3rd	0.9362	0.0638	0.5018	0.0028	0.6354

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.8357	0.1643	0.4834	-0.0282	0.5282
polish-5th	0.8596	0.1404	0.6627	0.2893	0.5986
polya	0.6411	0.3589	0.6506	0.2868	0.8338
popularity	0.5634	0.2910	0.4157	0.1573	0.7315
post-operative	0.7778	0.1481	0.5000	0.5000	0.3648
postures	0.8638	0.0545	0.8663	0.8296	0.2202
pred-tox_mutagen_ref-desc	0.5294	0.4706	0.5295	0.0588	0.9817
prestige	0.8889	0.0741	0.8805	0.8200	0.1174
primary-tumor	0.3333	0.0606	0.1950	0.2704	0.2544
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7313	0.2687	0.7028	0.4047	0.7931
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9132	0.0347	0.8748	0.8824	0.1509
puc-rio10%	0.9131	0.0348	0.8839	0.8829	0.1517
pufs-128	0.5004	0.4996	0.5004	0.0008	0.9998
pufs-1281%	0.5105	0.4895	0.5105	0.0210	0.9940
pufs-12810%	0.4995	0.5006	0.4995	-0.0011	1.0000
pufs-64	0.5004	0.4996	0.5004	0.0007	0.9998
pufs-641%	0.4896	0.5104	0.4896	-0.0208	1.0000
pufs-6410%	0.4972	0.5028	0.4972	-0.0056	1.0000
pulsar	0.9816	0.0184	0.9444	0.8886	0.2298
raisin	0.9222	0.0778	0.9232	0.8444	0.3519
rcv1	0.2430	0.0286	0.0471	0.1635	1.0000
rcv11%	0.2796	0.0272	0.0580	0.2129	0.8670
rcv110%	0.2555	0.0281	0.0450	0.1802	1.0000
re0-wc	0.5867	0.0636	0.4256	0.4903	0.6051
re1-wc	0.4819	0.0414	0.1906	0.4084	0.3973
rejafada	0.8995	0.1005	0.5258	0.0451	0.5102
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4060	0.0183	0.0408	0.2516	1.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0921
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5443	0.4557	0.5644	0.1199	0.9149
RT_IOT2022	0.9740	0.0043	0.7112	0.9346	0.0328
satimage	0.8196	0.0601	0.7206	0.7735	0.1731
satimageF	0.9254	0.0746	0.8646	0.6985	0.5165
satimageT	0.8896	0.1104	0.7065	0.4125	0.6617
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.5556	0.4444	0.5303	0.0526	0.7987
schizo	0.4118	0.5882	0.4118	-0.1765	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.5769	0.4231	0.5525	0.0474	0.3636
secondary_mushroom	0.9627	0.0373	0.9627	0.9248	0.2128
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9221	0.0223	0.9284	0.9089	0.0917
segmentation	0.8218	0.1782	0.8058	0.6115	0.6417
segmentO	0.9913	0.0087	0.9828	0.9655	0.1114
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9371	0.0629	0.8683	0.7157	0.5134
sens-1-gram	0.8053	0.1947	0.5073	0.0140	0.7899
sens-10-gram	0.3675	0.6325	0.4324	-0.0698	0.5568
sens-2-gram	0.6342	0.3658	0.4539	-0.0788	0.6881
sens-3-gram	0.6684	0.3316	0.5846	0.1357	0.6455
sens-4-gram	0.6289	0.3711	0.5667	0.1010	0.6265
sens-5-gram	0.6263	0.3737	0.4972	-0.0045	0.6654
sens-6-gram	0.6816	0.3184	0.5727	0.1212	0.6654

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.6342	0.3658	0.4942	-0.0096	0.6725
sens-8-gram	0.7316	0.2684	0.5472	0.0884	0.7249
sens-9-gram	0.5316	0.4684	0.4173	-0.1191	0.6344
sensorless	0.3829	0.1122	0.3830	0.3212	0.5303
sepsis	0.9073	0.0927	0.5343	0.0110	0.3606
shoppers	0.8905	0.1095	0.7759	0.5479	0.5912
shuttle	0.8848	0.0329	0.3632	0.6865	0.4820
sick	0.9469	0.0530	0.7550	0.4968	0.5125
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9006	0.0994	0.8850	0.7433	0.4581
skin10%	0.9224	0.0776	0.9055	0.7929	0.4197
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6842	0.3158	0.6841	0.3596	0.8222
smoking	0.7350	0.2650	0.7436	0.4697	0.7270
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7626	0.0791	0.6852	0.6955	0.2170
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9118	0.0093	0.9643	0.9034	0.0390
spam-detection	0.9560	0.0440	0.8710	0.7417	0.4509
spambase	0.9000	0.1000	0.8950	0.7873	0.4194
spect	0.7037	0.2963	0.6196	0.2340	0.8108
spectf	0.8286	0.1714	0.8230	0.6250	0.5915
spectrometer	0.2075	0.0330	0.0517	0.1594	0.2015
splice-EI	0.6940	0.3060	0.7398	0.4038	0.6118
splice-IE	0.7256	0.2744	0.7502	0.4351	0.6200
sport-articles	0.8300	0.1700	0.8144	0.6249	0.6065
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.7754	0.1497	0.7223	0.6332	0.4214
steel-b	0.7897	0.2103	0.7090	0.4141	0.7381
steel-d	0.9744	0.0256	0.7677	0.5324	0.5024
steel-k	0.9128	0.0872	0.8766	0.7490	0.4919
steel-o	0.7641	0.2359	0.7482	0.4945	0.7382
steel-p	0.9333	0.0667	0.7850	0.5697	0.5736
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.8104	0.1264	0.7987	0.6719	0.4172
stock	0.8194	0.1806	0.7131	0.4244	0.7176
stockb	0.8855	0.0764	0.8919	0.8283	0.1780
streaming	0.8400	0.1600	0.8378	0.6751	0.5830
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6100	0.1560	0.2708	0.3403	0.3701
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.4308	0.2277	0.3316	0.2297	0.6777
student-workday	0.6406	0.1437	0.2359	0.2212	0.7341
studentap	0.5385	0.3077	0.5220	0.2778	0.5861
susy	0.7581	0.2419	0.7582	0.5038	0.7054
susy1%	0.7292	0.2708	0.7269	0.4462	0.7651
susy10%	0.7727	0.2273	0.7755	0.5322	0.6607
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9992	0.0008	0.9992	0.9983	0.0094
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9000	0.0182	0.9159	0.8899	0.0980

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.9902	0.0098	0.9899	0.9798	0.0786
thoracic	0.6809	0.3191	0.4639	-0.0698	0.7727
thrombin	0.9162	0.0838	0.7376	0.3092	0.3900
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7143	0.2857	0.7289	0.4073	0.6699
tis10%	0.7239	0.2761	0.6919	0.3661	0.7546
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.8824	0.0588	0.9083	0.8440	0.0951
toxicity	0.6471	0.3529	0.6136	0.2273	0.8920
toxicity-13f	0.7059	0.2941	0.6670	0.3307	0.8305
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6000	0.4000	0.5416	0.0786	0.8473
trec11-wc	0.6585	0.0759	0.6037	0.5989	0.2914
trec12-wc	0.6129	0.0968	0.6911	0.5545	0.2808
trec21-wc	0.4545	0.1818	0.5691	0.3258	0.3028
trec23-wc	0.7143	0.0952	0.8136	0.6510	0.1601
trec31-wc	0.9355	0.0184	0.7920	0.9149	0.1113
trec41-wc	0.8750	0.0250	0.8204	0.8487	0.1507
trec45-wc	0.8116	0.0377	0.7181	0.7815	0.1708
tuandromd	0.9776	0.0224	0.9664	0.9321	0.2192
turkish	0.8750	0.0625	0.8734	0.8333	0.1676
tvnews	0.8342	0.1658	0.8253	0.6492	0.6096
tvnews1%	0.9000	0.1000	0.8922	0.7844	0.4451
tvnews10%	0.8119	0.1881	0.8049	0.6065	0.6481
ur3_cobotops_grip	0.9170	0.0830	0.5114	0.0212	0.5361
ur3_cobotops_stop	0.9374	0.0626	0.6014	0.2010	0.6099
urban	0.6567	0.0763	0.6459	0.5959	0.2637
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%	0.8911	0.1089	0.8840	0.7639	0.4775
ustilago	0.5021	0.4979	0.5256	0.0040	0.0658
ustilago1%	0.5163	0.4837	0.5042	0.0007	0.0690
ustilago10%	0.4994	0.5006	0.5425	0.0073	0.0695
vehicle	0.7381	0.1310	0.6868	0.6441	0.2982
vehicleVAN	0.9405	0.0595	0.9312	0.8529	0.3439
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9070	0.0930	0.9069	0.8139	0.4119
vowel	0.4242	0.1047	0.3330	0.3667	0.2923
vowelZ	0.7071	0.2929	0.5613	0.0912	0.5606
vrnormat310k-hg16-17	0.5624	0.4376	0.6301	0.1352	0.4005
wap-wc	0.6603	0.0340	0.4481	0.6189	0.2522
warpar10p	0.8462	0.0308	0.8242	0.8278	0.0487
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.6161	0.1097	0.6221	0.5512	0.4188
watch-acc1%	0.5899	0.1172	0.5817	0.5199	0.4424
watch-acc10%	0.5968	0.1152	0.5835	0.5252	0.4141
watch-gyr	0.5596	0.1258	0.5542	0.4857	0.4910
watch-gyr1%	0.5346	0.1330	0.5316	0.4569	0.4919
watch-gyr10%	0.5480	0.1291	0.5357	0.4722	0.4898
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.7660	0.1560	0.7693	0.6488	0.4596
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8444	0.1037	0.6849	0.7145	0.3902
Weekly	0.9722	0.0278	0.9728	0.9441	0.1529
weight-lift	0.5368	0.1853	0.5160	0.4065	0.5984
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9350	0.0325	0.9354	0.9133	0.1351

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.8799	0.1201	0.7461	0.3846	0.4952
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5094	0.1635	0.2294	0.2168	0.6985
winequality-white	0.3313	0.1911	0.2191	0.1101	0.8261
winnipeg	0.9553	0.0128	0.6864	0.9432	0.0963
winnipeg10%	0.9662	0.0096	0.8192	0.9572	0.0778
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.7500	0.0333	0.6667	0.7300	0.0593
yeast	0.3581	0.1284	0.2350	0.2329	0.5799
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9324	0.0676	0.4825	-0.0335	0.5283
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9392	0.0608	0.4843	-0.0215	0.6129
zip	0.8065	0.0387	0.7968	0.7819	0.2111

Table 367: Detailed results for MLP(R)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1079	0.0615	0.0508	0.0310	0.4746
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.9819	0.0181	0.4954	-0.0006	0.1621
accident	0.7000	0.3000	0.7000	0.4000	0.8211
ads	0.9817	0.0183	0.9613	0.9213	0.1335
adult	0.8509	0.1491	0.7777	0.5412	0.5939
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8826	0.1174	0.8349	0.6668	0.5304
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8000	0.0800	0.3936	0.5795	0.2625
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7442	0.2558	0.7217	0.3399	0.5364
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9722	0.0139	0.9221	0.9472	0.1296
anuran-genus	0.9569	0.0108	0.8633	0.9288	0.1408
anuran-species	0.9444	0.0111	0.8019	0.9226	0.0895
anxiety	0.1083	0.1981	0.0457	-0.0161	0.5602
apple-quality	0.8675	0.1325	0.8675	0.7350	0.5185
aps-failure	0.9825	0.0175	0.6513	0.0809	0.1448
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.6889	0.0479	0.2502	0.4555	0.2111
auction	0.9608	0.0392	0.9069	0.8044	0.2302
audiology	0.5652	0.0362	0.1578	0.4866	0.1249
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.3000	0.2333	0.0800	0.0000	0.3386
avila	0.6339	0.0610	0.4148	0.5006	0.3627
babies	0.4597	0.1544	0.1829	0.1431	0.3789
balance	0.9194	0.0538	0.8228	0.8500	0.1526
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8917	0.7797	0.4156
basehock	0.9598	0.0402	0.9602	0.9196	0.2177
bio	0.9966	0.0034	0.9000	0.7983	0.2780
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5696	0.5686	0.1639
bridges	0.7000	0.0857	0.4163	0.5455	0.1204
bub10at310k-hg16-17	0.9116	0.0884	0.6331	0.1600	0.4618
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9483	0.0259	0.9224	0.8922	0.2243
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8696	0.1304	0.8695	0.7361	0.5115
cardiotocography	0.8075	0.0385	0.6452	0.7673	0.1946
cardiotocography-nsp	0.9155	0.0563	0.8632	0.7727	0.2624
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6381	0.5244	0.4181
cas_N6512_cdk_ECFP2	0.7496	0.2504	0.7478	0.4955	0.7519
cas_N6512_rdkit_ATOMPAIR	0.7154	0.2846	0.7156	0.4302	0.7982
cas_N6512_RDkit_AtomPair_FP	0.7423	0.2577	0.7404	0.4806	0.7629
cas_N6512_rdkit_AVALON	0.8003	0.1997	0.7987	0.5966	0.6630
cas_N6512_RDkit_Avalon_FP	0.7807	0.2193	0.7794	0.5589	0.7007
cas_N6512_rdkit_descriptors	0.7815	0.2185	0.7825	0.5632	0.6933
cas_N6512_rdkit_FEATMORGAN	0.7404	0.2596	0.7379	0.4739	0.7618
cas_N6512_RDkit_Featmorgan_FP	0.7638	0.2362	0.7623	0.5246	0.7292
cas_N6512_RDkit_FP	0.7301	0.2699	0.7286	0.4572	0.7810
cas_N6512_rdkit_LAYERED	0.7554	0.2446	0.7541	0.5082	0.7426
cas_N6512_RDkit_Layered_FP	0.7531	0.2469	0.7509	0.5010	0.7447

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.7500	0.2500	0.7490	0.4979	0.7507
cas_N6512_rdkit_MORGAN	0.7585	0.2415	0.7565	0.5125	0.7371
cas_N6512_RDkit_morgan_FP	0.7623	0.2377	0.7603	0.5200	0.7306
cas_N6512_rdkit_PATTERN	0.7723	0.2277	0.7710	0.5419	0.7151
cas_N6512_RDkit_pattern_FP	0.7638	0.2362	0.7628	0.5255	0.7288
cas_N6512_rdkit_RDKITFP	0.7512	0.2488	0.7490	0.4967	0.7464
cas_N6512_rdkit_TORSION	0.7262	0.2738	0.7244	0.4488	0.7868
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.9670	0.0330	0.7228	0.2427	0.0993
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8437	0.1042	0.4297	0.2564	0.3625
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8083	0.1917	0.8018	0.5975	0.6500
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9394	0.0606	0.5406	0.0646	0.6101
CDS49_AID687_Rdkit-ecfp4-fp	0.9973	0.0027	0.4993	-0.0005	0.3640
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.7897	0.5785	0.4947
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8540	0.1460	0.7483	0.4692	0.5892
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.2090	0.0158	0.1566	0.2010	0.1833
cirrhosis	0.7619	0.1587	0.5169	0.5249	0.3828
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8056	0.0972	0.5775	0.7011	0.3000
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5000	0.3333	0.3810	0.1818	0.3582
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5510	0.2993	0.5044	0.2832	0.6729
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8335	0.0303	0.5540	0.7966	0.2543
coil20	0.2014	0.0799	0.1411	0.1602	0.2964
college	0.8961	0.1039	0.8794	0.7528	0.4899
collins	0.3600	0.0853	0.2299	0.2763	0.2764
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2	0.6207	0.3793	0.6045	0.2084	0.9068
colposcopies-3	0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4	0.7931	0.2069	0.7237	0.4387	0.7155
colposcopies-5	0.7931	0.2069	0.6375	0.2750	0.7711
colposcopies-6	0.7931	0.2069	0.7929	0.5857	0.6774
colposcopies-c	0.8276	0.1724	0.7539	0.5051	0.6759
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7596	0.2404	0.7613	0.5197	0.7263
coupon	0.7169	0.2831	0.7142	0.4276	0.7983
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.6525	0.0993	0.3870	0.4521	0.3237
covtypeCD	0.9264	0.0736	0.8721	0.7304	0.5059
covtypeT	0.9382	0.0618	0.6913	0.2557	0.3474
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9994	0.0006	0.9128	0.8219	0.2022
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9041	0.0320	0.6744	0.8003	0.2302
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1250	0.0437	0.0557	0.1067	0.1909
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1633	0.2789	0.0468	0.0000	0.4027
cyclopentane	0.6667	0.3333	0.6750	0.3415	0.8344
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8257	0.1743	0.7184	0.4186	0.6697
defect	0.9475	0.0525	0.8979	0.7906	0.3196
dementia	0.4800	0.5200	0.3243	0.0000	0.5302
deposit	0.9033	0.0967	0.7621	0.5240	0.6116
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.7500	0.1667	0.7500	0.6190	0.4346
DIA	0.7833	0.2167	0.7176	0.4348	0.7471
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5196	0.3203	0.3388	0.0748	0.5601
diabetic10%	0.5668	0.2888	0.3829	0.1829	0.5398
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5932	0.4068	0.5927	0.1634	0.8760
dota210%	0.5621	0.4379	0.5581	0.1152	0.9579
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7675	0.1550	0.6978	0.6146	0.4665
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2292	0.2727	0.3527
drug-07	0.4468	0.1581	0.1355	0.0386	0.3035
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5266	0.1353	0.1574	0.1732	0.3695
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6330	0.1049	0.1815	0.2735	0.3189
drug-14	0.5904	0.1170	0.2408	0.3332	0.3867
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5691	0.1231	0.2516	0.3125	0.4726
drug-17	0.3723	0.1793	0.1356	0.1143	0.4309
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9229	0.0220	0.9359	0.9067	0.1261
ecoli	0.8529	0.0368	0.5395	0.7937	0.1502
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2200	0.3900	0.2176	-0.0315	0.7547
eeg	0.3704	0.0787	0.2997	0.2976	0.6200
eeg-eye	0.7290	0.2710	0.7273	0.4542	0.7821
eeg10%	0.3384	0.0827	0.2170	0.2654	0.5723
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2466	0.3014	0.0791	0.0000	0.3866
euthyroid	0.9430	0.0570	0.8695	0.7255	0.5073
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9678	0.0322	0.9677	0.9354	0.1907
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.6382	0.0426	0.3245	0.5854	0.2278
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9412	0.0588	0.9407	0.8807	0.2916
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.3544	0.0084	0.0290	0.2908	0.3113
forest	0.9231	0.0385	0.9016	0.8941	0.1323
gas	0.9885	0.0038	0.9876	0.9860	0.0298
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.9085	0.0610	0.8975	0.8530	0.2565
german	0.7000	0.3000	0.6584	0.3135	0.8390
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9395	0.0605	0.9395	0.8790	0.3048
gisette	0.9529	0.0471	0.9529	0.9057	0.2540
glass	0.6190	0.1270	0.4932	0.4400	0.2881
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.6667	0.3333	0.6119	0.2222	0.8824
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8929	0.1071	0.8904	0.7805	0.4593
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.3333	0.2222	0.3382	0.2500	0.1915
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.9113	0.0148	0.5643	0.8952	0.0907
har	0.7890	0.0844	0.7781	0.7333	0.3260
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8655	0.0384	0.5054	0.7979	0.1601
har7010%	0.8884	0.0319	0.5227	0.8342	0.1369
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.7703	0.0383	0.3539	0.6804	0.2449
harth10%	0.7729	0.0378	0.3525	0.6831	0.2014
hayes-roth	0.5000	0.3333	0.5951	0.2515	0.5374
hcc-survival	0.5294	0.4706	0.5143	0.0286	0.9808
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8241	0.6322	0.5905
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis	0.9333	0.0667	0.9148	0.8148	0.4011
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8483	0.1517	0.8503	0.6968	0.5496
hepmass10%	0.4970	0.5030	0.3320	0.0000	0.5287
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6709	0.3291	0.6757	0.3462	0.8412
higgs1%	0.6728	0.3272	0.6714	0.3337	0.8358
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1656	0.0552	0.3959
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9207	0.0793	0.8543	0.7069	0.4698
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6389	0.2407	0.5962	0.3961	0.6446
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.7346	0.1770	0.7419	0.6017	0.4832
htru2	0.9782	0.0218	0.9340	0.8680	0.2781
hypothyroid	0.9788	0.0106	0.6886	0.8832	0.2036
hypothyroidT	0.9894	0.0106	0.9616	0.9202	0.0426
ilpd	0.7288	0.2712	0.6188	0.1986	0.7697
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.8667	0.0889	0.8500	0.7973	0.2122
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.6085	0.0301	0.5554	0.5928	0.1781
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.8815	0.0263	0.8730	0.8659	0.1731
kc1	0.8626	0.1374	0.6787	0.2727	0.5332
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.7857	0.0179	0.1090	0.5532	0.0723
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.5148	0.0231	0.8187
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1960	0.0699	0.0433	0.0403	0.0677
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3547	0.0717	0.1892	0.2566	0.3583
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.7550	0.0817	0.7197	0.6939	0.3988
labor	0.5000	0.5000	0.3333	-0.2857	1.0000
leaf	0.2059	0.0397	0.0648	0.1811	0.1436
led24	0.6500	0.0700	0.5405	0.6056	0.1517
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.5685	0.0332	0.6052	0.5516	0.3196
leukemia	0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2	0.7143	0.2857	0.7083	0.4167	0.8058
libra	0.7500	0.0333	0.7051	0.7311	0.0925
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7059	0.2941	0.6994	0.3863	0.7816
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8679	0.0264	0.4366	0.8156	0.0639
lung	0.9524	0.0190	0.7933	0.9041	0.0399
lung_discrete	0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8000	0.0800	0.8034	0.5918	0.2220
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.8936	0.1064	0.8904	0.7809	0.4568
madelon	0.5731	0.4269	0.5739	0.1462	0.9457
magic04	0.8627	0.1373	0.8466	0.6869	0.5204
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6535	0.2310	0.6565	0.4670	0.5184
math	0.7250	0.1375	0.5433	0.5524	0.2913
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.1900	0.3240	0.1910	-0.0106	0.7221
messidor	0.7478	0.2522	0.7473	0.4928	0.7498
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-fac	0.9450	0.0110	0.9472	0.9389	0.0628
mfeat-fou	0.7450	0.0510	0.7496	0.7167	0.2269
mfeat-kar	0.8700	0.0260	0.8743	0.8556	0.1480
mfeat-mor	0.7250	0.0550	0.7321	0.6944	0.1844
mfeat-pix	0.3400	0.1320	0.2768	0.2667	0.3181
mfeat-zer	0.7900	0.0420	0.7722	0.7667	0.1725
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.4913	0.4463	0.3318
mobile	0.2308	0.0275	0.1769	0.2168	0.2779
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.8852	0.1148	0.8746	0.7487	0.4979
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9970	0.0030	0.9942	0.9884	0.0467
MUT_ci300400a_cdk_ECFP2	0.7986	0.2014	0.7926	0.5851	0.6734
MUT_ci300400a_cdk_ECFP4	0.7928	0.2072	0.7868	0.5736	0.6841
MUT_ci300400a_cdk_ECFP6	0.7880	0.2120	0.7807	0.5606	0.6908
MUT_ci300400a_cdk_ESTATE	0.7470	0.2530	0.7384	0.4766	0.7604
MUT_ci300400a_cdk_EXTENDED	0.8165	0.1835	0.8102	0.6195	0.6357
MUT_ci300400a_cdk_FCFP2	0.8072	0.1928	0.8015	0.6029	0.6572
MUT_ci300400a_cdk_FCFP4	0.8058	0.1942	0.8000	0.5999	0.6598
MUT_ci300400a_cdk_FCFP6	0.7818	0.2182	0.7768	0.5534	0.7026
MUT_ci300400a_cdk_MACCS	0.7842	0.2158	0.7764	0.5518	0.6973
MUT_ci300400a_cdk_PUBCHEM	0.8168	0.1832	0.8101	0.6150	0.6207
MUT_ci300400a_cdk_STANDARD	0.8012	0.1988	0.7959	0.5917	0.6685
MUT_ci300400a_rdkit_descriptors	0.8170	0.1830	0.8118	0.6219	0.6307
myocardial	0.8412	0.0397	0.1161	0.1302	0.1307
naticusdroid	0.9683	0.0317	0.9683	0.9366	0.1896
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.3333	0.2222	0.1667	0.2000	0.2509
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8763	0.0130	0.2199	0.6277	0.2610
ncRNA10%	0.8862	0.0120	0.2587	0.6612	0.2326
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6521	0.3479	0.6519	0.3034	0.8766
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4722	0.3519	0.3002	-0.0317	0.5738
nursery	0.9722	0.0111	0.5913	0.9588	0.0280
obesity	0.4834	0.1476	0.3841	0.3974	0.2329
obs	0.8704	0.0648	0.8822	0.8068	0.2095
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9911	0.0044	0.9691	0.9729	0.0149
oh0-wc	0.7426	0.0515	0.6828	0.7061	0.2394
oh10-wc	0.6095	0.0781	0.5712	0.5549	0.3783
oh15-wc	0.5326	0.0935	0.4967	0.4747	0.4124
oh5-wc	0.5934	0.0813	0.6036	0.5419	0.3807
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9391	0.9344	0.0323
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.8885	0.1115	0.6429	0.2855	0.6831
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
optdigits	0.7509	0.0498	0.7187	0.7237	0.1324
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.4250	0.0288	0.3132	0.4103	0.1134
orlraws10P	0.6000	0.0800	0.5302	0.5556	0.1256
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9763	0.0237	0.7961	0.4909	0.0773
ozone8hr	0.9091	0.0909	0.6303	0.2556	0.6615
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8454	0.1546	0.8306	0.6605	0.5956
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8813	0.7617	0.4826
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9762	0.0095	0.7329	0.8613	0.2419
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.7773	0.2227	0.7601	0.4883	0.6360
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.9179	0.0821	0.8975	0.7949	0.4173
particle10%	0.9115	0.0885	0.8891	0.7778	0.4347
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.6644	0.2997	0.5774
pcmac	0.5103	0.4897	0.4957	-0.0085	0.9925
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.8061	0.6066	0.6295
pediatric-leukemia	0.1765	0.2353	0.0976	-0.0473	0.5950
pendigits	0.9436	0.0113	0.9437	0.9372	0.0816
period	0.4444	0.5556	0.5000	0.0000	0.8722
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7959	0.2041	0.7819	0.5638	0.6864
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9250	0.0750	0.9158	0.8215	0.2735
phishing	0.9755	0.0245	0.9743	0.9486	0.1605
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%	0.1525	0.2421	0.0378	0.0000	0.4012
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1592	0.2402	0.0392	0.0000	0.3999
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8000	0.2000	0.7653	0.5280	0.6988
phy	0.5638	0.4362	0.6148	0.1314	0.6837
pima	0.7105	0.2895	0.6891	0.3407	0.7408
pirvision	0.9948	0.0035	0.9905	0.9836	0.0608
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.7978	0.5824	0.6422
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.0000	0.2222	0.0000	0.0000	0.2380
poker1%	0.5210	0.0958	0.1082	0.0519	0.2110
poker10%	0.5593	0.0881	0.1162	0.1374	0.2209
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th	0.9357	0.0643	0.6671	0.2205	0.3986
polya	0.7557	0.2443	0.7417	0.4816	0.7492
popularity	0.6605	0.2263	0.4085	0.1859	0.4568
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
postures	0.8948	0.0421	0.8955	0.8684	0.1818
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6338	0.2647	0.8906
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.1818	0.0744	0.0904	0.1248	0.2470
processed	0.9999	0.0001	0.9998	0.9997	0.0025
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.5714	0.4286	0.5310	0.0455	0.8750
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9099	0.0360	0.8350	0.8787	0.1692
puc-rio10%	0.9246	0.0302	0.8645	0.8984	0.1596
pufs-1281%	0.5095	0.4905	0.5125	0.0188	0.9020
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5088	0.4913	0.5234	0.0182	0.7371
pufs-6410%	0.5053	0.4947	0.5462	0.0111	0.5897
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.7800	0.0338	0.5321	0.7145	0.2391
re1-wc	0.6145	0.0308	0.1959	0.5532	0.2165
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6328	0.3672	0.6018	0.1881	0.8784
RT_IOT2022	0.9691	0.0051	0.5669	0.9224	0.0263
satimage	0.8600	0.0467	0.8346	0.8271	0.2162
satimageF	0.9891	0.0109	0.9721	0.9442	0.1683
satimageT	0.9409	0.0591	0.8204	0.6293	0.4397
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8974	0.1026	0.4730	-0.0505	0.6958
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9264	0.0210	0.9327	0.9139	0.0919
segmentation	0.7871	0.2129	0.7888	0.5643	0.6633
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8474	0.1526	0.5886	0.1613	0.7266
sens-3-gram	0.8632	0.1368	0.6105	0.1780	0.6520
sens-4-gram	0.8526	0.1474	0.5892	0.1542	0.7056
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.8754	0.0227	0.8759	0.8629	0.1282
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8865	0.1135	0.7466	0.4196	0.4413
shuttle	0.9966	0.0010	0.5197	0.9903	0.0054
sick	0.9629	0.0371	0.8294	0.6317	0.3152
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9993	0.0007	0.9990	0.9980	0.0100

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1048	0.0000	0.4222
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2000	0.3200	0.2207	-0.0003	0.7269
solar-flare	0.7482	0.0839	0.6260	0.6736	0.1926
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.5735	0.0449	0.2472	0.5253	0.1881
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9087	0.0913	0.9047	0.8094	0.4168
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer	0.4423	0.0413	0.2503	0.4044	0.1946
splice-EI	0.9558	0.0442	0.9420	0.8839	0.2944
splice-IE	0.9054	0.0946	0.8703	0.7404	0.4902
sport-articles	0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.8268	0.1155	0.7918	0.7163	0.3423
steel-b	0.8462	0.1538	0.7439	0.4704	0.6277
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.7692	0.2308	0.7571	0.5104	0.7241
steel-p	0.9333	0.0667	0.7601	0.5161	0.5590
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8750	0.1250	0.7888	0.5776	0.6177
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6300	0.1480	0.3567	0.3893	0.4139
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3692	0.2523	0.1572	0.0639	0.4767
student-workday	0.6719	0.1313	0.1623	-0.0221	0.3348
studentap	0.6154	0.2564	0.4782	0.3750	0.4230
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.8032	0.1968	0.8022	0.5993	0.6436
susy10%	0.7975	0.2025	0.7956	0.5895	0.6654
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9988	0.0012	0.9988	0.9975	0.0120
swarm_grouped	0.9996	0.0004	0.9996	0.9991	0.0038
tae	0.6000	0.2667	0.6421	0.4000	0.5145
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9855	0.0026	0.9865	0.9840	0.0168
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8616	0.1384	0.8116	0.6229	0.5989
tis10%	0.7388	0.2612	0.6079	0.2075	0.8260
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7059	0.1471	0.7250	0.6083	0.2070

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity	0.4706	0.5294	0.4411	-0.1168	0.9859
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc	0.8537	0.0325	0.6552	0.8164	0.0980
trec12-wc	0.3871	0.1532	0.2155	0.2637	0.3320
trec21-wc	0.9091	0.0364	0.5560	0.8096	0.1409
trec23-wc	0.6667	0.1111	0.4932	0.5227	0.2641
trec31-wc	0.9247	0.0251	0.9068	0.9003	0.1291
trec41-wc	0.6705	0.0659	0.4715	0.5810	0.2631
trec45-wc	0.6522	0.0696	0.5251	0.5981	0.2015
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.7500	0.1250	0.7731	0.6667	0.2774
tvnews	0.8905	0.1095	0.8811	0.7616	0.4689
tvnews1%	0.8923	0.1077	0.8872	0.7727	0.4689
tvnews10%	0.8620	0.1380	0.8503	0.6895	0.4959
ur3_cobotops_grip	0.9714	0.0286	0.7033	0.3124	0.3375
ur3_cobotops_stop	0.9646	0.0354	0.6473	0.1269	0.2651
urban	0.7761	0.0498	0.7117	0.7381	0.2060
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7381	0.1310	0.7426	0.6541	0.2268
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5455	0.0826	0.5800	0.5000	0.2014
vowelZ	0.9495	0.0505	0.8723	0.7343	0.4979
vrnormat310k-hg16-17	0.9173	0.0827	0.6976	0.3673	0.5683
wap-wc	0.2821	0.0718	0.0533	0.0965	0.3340
warpar10p	0.6923	0.0615	0.6160	0.6556	0.0729
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1467	0.2438	0.0366	0.0000	0.4023
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8320	0.1120	0.8358	0.7482	0.3636
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8222	0.1185	0.6722	0.6856	0.4640
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9959	0.0041	0.9793	0.9578	0.1858
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5031	0.1656	0.2317	0.2088	0.4388
winequality-white	0.5358	0.1326	0.2690	0.2406	0.4363
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9813	0.0053	0.8270	0.9763	0.0484
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.5000	0.0667	0.4375	0.4644	0.1196
yeast	0.5878	0.0824	0.4310	0.4712	0.3471
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495
zip	0.9000	0.0200	0.8924	0.8879	0.1352

Table 368: Detailed results for MLP(W)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1583	0.0580	0.0855	0.0790	0.5061
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4500	0.5500	0.4415	-0.1000	0.9904
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter	0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1878	0.7905	0.2095	0.5630	0.1109	0.7846
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8283	0.1145	0.3037	0.0053	0.3831
AID1284Morered	0.7778	0.2222	0.4375	-0.1163	0.8180
AID1284red	0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608Morered	0.9029	0.0971	0.4745	-0.0425	0.6928
AID1608red	0.8932	0.1068	0.4718	-0.0559	0.6716
AID362red	0.9836	0.0164	0.4959	-0.0040	0.4515
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.4000	0.6000	0.6154	0.0909	0.5000
AID644red	0.7000	0.3000	0.6098	0.2105	0.8520
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
aids	0.8779	0.1221	0.8307	0.6604	0.5547
air_pollution	0.2067	0.2267	0.1308	-0.0155	0.8948
alcohol	0.8571	0.0571	0.6522	0.6926	0.2172
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8372	0.1628	0.8225	0.6449	0.6103
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9847	0.0076	0.9289	0.9708	0.0468
anuran-genus	0.9847	0.0038	0.9467	0.9749	0.0894
anuran-species	0.9833	0.0033	0.9604	0.9769	0.0690
anxiety	0.0833	0.2037	0.0814	-0.0314	0.8504
apple-quality	0.8375	0.1625	0.8380	0.6750	0.5847
arrhythmia	0.7111	0.0578	0.5591	0.5244	0.3090
auction	0.9510	0.0490	0.8817	0.7463	0.2561
audiology	0.7826	0.0181	0.3354	0.7478	0.0602
audit-risk	0.9359	0.0641	0.9354	0.8624	0.2175
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.8500	0.0600	0.8576	0.8020	0.1494
avila	0.6651	0.0558	0.4692	0.5301	0.3594
babies	0.4435	0.1590	0.1483	0.1217	0.4846
balance	0.8871	0.0753	0.7137	0.7957	0.2882
bank	0.8983	0.1017	0.7082	0.4030	0.6156
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8571	0.1429	0.8535	0.7013	0.5479
bio	0.9974	0.0026	0.9207	0.8335	0.1131
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.9048	0.0952	0.8990	0.7981	0.4308
biomed	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.7224	0.1388	0.7242	0.6299	0.4056
brain-tumor	0.4945	0.5055	0.4933	-0.0088	0.8830
breast-cancer	0.6786	0.3214	0.5596	0.1127	0.8846
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-tissue	0.7273	0.0909	0.6655	0.6700	0.1505
bridges	0.8000	0.0667	0.6667	0.7143	0.0602
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae	0.4390	0.3740	0.3204	0.0119	0.5549
car	0.9655	0.0172	0.9462	0.9268	0.1561
car-insurance	0.8350	0.1650	0.8070	0.6140	0.6285
card	0.8406	0.1594	0.8358	0.6713	0.5861
cardiotocography	0.8404	0.0319	0.7733	0.8081	0.1904
cardiotocography-nsp	0.9014	0.0657	0.8184	0.7168	0.2830
cardiovascular	0.6152	0.3848	0.6344	0.2306	0.8121
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5468	0.4241	0.5482
cas_N6512_rdkit_descriptors	0.7308	0.2692	0.7283	0.4533	0.7727
cas_N6512_rdkit_MACCS	0.7742	0.2258	0.7733	0.5401	0.6939
cas_N6512_RDkit_MACCS_FP	0.7684	0.2316	0.7664	0.5315	0.7183
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9711	0.0289	0.7961	0.5403	0.2778
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9468	0.0532	0.6162	0.1952	0.5576
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.6534	0.2612	0.5311
cervical-H	0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S	0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia	0.8683	0.0658	0.8130	0.8019	0.2181
chrom19	0.9996	0.0004	0.8965	0.7889	0.2395
chrom191%	0.9994	0.0006	0.9090	0.7997	0.4644
chrom1910%	0.9992	0.0008	0.8143	0.6282	0.4387
chronic-kidney	0.8916	0.1084	0.5648	0.1258	0.6966
churn	0.8440	0.1560	0.7376	0.4651	0.6546
churn-bigml	0.8951	0.1049	0.8036	0.6048	0.5973
ci900367j_MACCS	0.6316	0.3684	0.6108	0.2215	0.9024
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.5325	0.5513	0.4917
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8435	0.0782	0.7604	0.7603	0.3496
climate	0.9815	0.0185	0.9290	0.8475	0.0659
cm1	0.8200	0.1800	0.5411	0.0816	0.7182
cmc	0.5510	0.2993	0.5198	0.2892	0.6989
cnae-9	0.2222	0.1728	0.2565	0.1250	0.3794
codon_usage	0.9102	0.0163	0.7350	0.8910	0.1660
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.7400	0.0347	0.6995	0.7138	0.1092
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7931	0.2069	0.7711	0.5421	0.6997
colposcopies-2	0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.7241	0.2759	0.6548	0.3095	0.8231
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
colposcopies-6	0.6207	0.3793	0.6237	0.2313	0.8700
colposcopies-c	0.7241	0.2759	0.5851	0.1655	0.8480
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8387	0.1075	0.7914	0.7395	0.2576
cottonmeloidogyne	0.7332	0.2668	0.7354	0.4655	0.7613
coupon	0.7224	0.2776	0.7162	0.4324	0.7948
covtype10%	0.7744	0.0645	0.6597	0.6304	0.3307
covtypeCD	0.9871	0.0129	0.9722	0.9440	0.1152
covtypeT	0.9777	0.0223	0.9090	0.8141	0.2549
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9996	0.0004	0.9351	0.8665	0.1242
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9281	0.0240	0.7864	0.8491	0.1925
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4688	0.0266	0.3482	0.4544	0.0603
customer-churn	0.9806	0.0194	0.6843	0.3138	0.4216
cybersecurity	0.1467	0.2844	0.1377	-0.0243	0.8619
cyclopentane	0.7037	0.2963	0.7105	0.3684	0.6911
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.4286	0.5714	0.3000	0.0000	0.5288
default	0.8263	0.1737	0.7176	0.4128	0.6602
defect	0.9290	0.0710	0.8637	0.7259	0.4495
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8980	0.1020	0.7382	0.4742	0.6244
depressed	0.7692	0.2308	0.5335	0.0650	0.8205
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.3750	0.4167	0.2727	-0.1111	0.5095
df_final	0.8125	0.1250	0.8272	0.7108	0.2451
DIA	0.7333	0.2667	0.6444	0.2889	0.8189
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-risk	0.9160	0.0840	0.8665	0.7288	0.4351
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7167	0.1133	0.6774	0.5976	0.3686
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-stanford	0.6000	0.4000	0.3750	0.0000	0.5000
dota210%	0.5252	0.4748	0.5233	0.0466	0.9852
dropout	0.7133	0.1911	0.6834	0.5500	0.5062
drug-01	0.3457	0.1869	0.1532	0.0007	0.6544
drug-02	0.5053	0.1413	0.2332	0.1867	0.5903
drug-03	0.6117	0.1109	0.1756	0.1094	0.4377
drug-04	0.5266	0.1353	0.1986	0.1474	0.5396
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3883	0.1748	0.2687	0.2385	0.5506
drug-07	0.4096	0.1687	0.1428	0.0235	0.4405
drug-08	0.5798	0.1201	0.2198	0.1378	0.4198
drug-09	0.8404	0.0456	0.1316	0.0492	0.3456
drug-10	0.5160	0.1383	0.1559	0.1157	0.4814
drug-11	0.8138	0.0532	0.1870	0.1272	0.4671
drug-12	0.7394	0.0745	0.1362	-0.0103	0.6000
drug-13	0.6011	0.1140	0.1825	0.2446	0.4098
drug-14	0.5851	0.1185	0.2762	0.3200	0.4619
drug-15	0.7340	0.0760	0.1221	0.0159	0.5141

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.5213	0.1368	0.2122	0.1876	0.5720
drug-17	0.3511	0.1854	0.1606	0.1144	0.6150
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7606	0.0684	0.1234	-0.0151	0.2429
drybean	0.9302	0.0199	0.9421	0.9156	0.1158
ecoli	0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.3100	0.3450	0.3080	0.0810	0.8231
eeg	0.4214	0.0723	0.4612	0.3552	0.5903
eeg-eye	0.6162	0.3838	0.6055	0.1944	0.8798
eeg10%	0.3029	0.0871	0.2998	0.2273	0.6300
eucalyptus	0.6301	0.1479	0.6039	0.5280	0.4510
euthyroid	0.9430	0.0570	0.8171	0.5970	0.3332
exon.vs.intron-freq10%	0.8955	0.1045	0.8975	0.7915	0.4294
fakenews	0.5175	0.4825	0.5169	0.0335	0.9865
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.8824	0.1176	0.8844	0.7587	0.4271
financial-risk	0.8520	0.0493	0.6707	0.7642	0.2280
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.5000	0.1429	0.3007	0.3610	0.3285
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.9569	0.0144	0.9548	0.9477	0.0762
gastrointestinal	0.5625	0.2917	0.5499	0.3086	0.6193
gender	0.5874	0.2751	0.4201	0.1484	0.6183
gene	0.9338	0.0442	0.9284	0.8942	0.2052
german	0.6900	0.3100	0.6413	0.2757	0.8481
gestures	0.9024	0.0488	0.9026	0.8699	0.2103
glass	0.7619	0.0794	0.7076	0.6557	0.2078
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.8571	0.1429	0.8571	0.7108	0.5408
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.6000	0.2000	0.6021	0.4578	0.4106
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
har	0.9602	0.0159	0.9574	0.9497	0.0887
har70	0.8894	0.0316	0.5251	0.8372	0.1472
har701%	0.8894	0.0316	0.5251	0.8374	0.1370
har7010%	0.8877	0.0321	0.5225	0.8349	0.1407
harth	0.8255	0.0291	0.4376	0.7622	0.3145
harth1%	0.8163	0.0306	0.4302	0.7494	0.2630
harth10%	0.8294	0.0284	0.4375	0.7672	0.2443
hayes-roth	0.6250	0.2500	0.7388	0.4386	0.2968
hcc-survival	0.7647	0.2353	0.7548	0.4925	0.6907
health-activity	0.7400	0.1300	0.3557	0.0950	0.3684
heart	0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack	0.8065	0.1935	0.8199	0.6189	0.5820
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.9280	0.0720	0.9157	0.8311	0.3654

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-quantum	0.8800	0.1200	0.8783	0.7541	0.4906
hepatitis	0.9333	0.0667	0.9148	0.8148	0.4011
hepmass1%	0.8466	0.1534	0.8512	0.6935	0.5337
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6736	0.3264	0.6712	0.3408	0.8516
higgs1%	0.6652	0.3348	0.6681	0.3123	0.8083
higher	0.1429	0.2143	0.0500	-0.0500	0.3611
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa	0.9309	0.0691	0.8701	0.7310	0.3750
horse	0.6389	0.2407	0.5690	0.3571	0.5825
hotel-reservartions	0.8545	0.1455	0.8394	0.6772	0.5778
hr	0.8070	0.1930	0.4998	-0.0004	0.7944
ht-sensor	0.7798	0.1468	0.7833	0.6696	0.4378
ht-sensor10%	0.7559	0.1628	0.7658	0.6362	0.4460
htru2	0.9788	0.0212	0.9340	0.8666	0.2273
hypothyroid	0.9496	0.0252	0.5871	0.6238	0.1386
hypothyroidT	0.9443	0.0557	0.7690	0.5063	0.4394
ilpd	0.5763	0.4237	0.5256	0.0502	0.9076
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9627	0.0187	0.9636	0.9502	0.0733
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.8667	0.0889	0.8676	0.7945	0.1292
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8108	0.1892	0.6113	0.0644	0.4594
jvowels	0.9558	0.0098	0.9531	0.9499	0.0721
kc1	0.8531	0.1469	0.6424	0.1649	0.5017
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.6429	0.0298	0.0395	0.3333	0.0386
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kepler	0.8703	0.0865	0.8250	0.7863	0.2236
kidney	0.0404	0.3838	0.0155	0.0000	0.2029
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.4795	0.0578	0.3754	0.4113	0.4112
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0147	0.3822	0.6917	0.0358
led24	0.6000	0.0889	0.6326	0.5455	0.2204
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8430	0.0121	0.8456	0.8366	0.1696
leukemia2	0.4286	0.5714	0.3000	0.0000	0.5288
libra	0.9167	0.0111	0.8912	0.9104	0.0332
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.6765	0.3235	0.6579	0.3100	0.8329
loan	0.9719	0.0281	0.9700	0.9400	0.1757
localization10%	0.5928	0.0740	0.3591	0.4676	0.4371
lrs	0.8491	0.0431	0.5313	0.7856	0.1119
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.5124	0.4815	0.3082
lymphoma2	0.5556	0.1481	0.2857	0.2500	0.2598

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.5923	0.4077	0.5924	0.1846	0.9352
magic04	0.8627	0.1373	0.8466	0.6871	0.5215
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8021	0.1979	0.8011	0.6021	0.6610
marketing	0.9062	0.0938	0.7986	0.5910	0.5375
maternal	0.6337	0.2442	0.6357	0.4332	0.5256
math	0.7250	0.1375	0.7349	0.5728	0.3663
mba	0.8274	0.1151	0.4330	0.2896	0.3865
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2100	0.3160	0.2199	0.0097	0.8157
messidor	0.7304	0.2696	0.7238	0.4346	0.7540
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.7391	0.6035	0.2283
meter-D	0.7222	0.1389	0.7829	0.6170	0.1761
mfeat-fac	0.9750	0.0050	0.9754	0.9722	0.0291
mfeat-fou	0.8500	0.0300	0.8514	0.8333	0.1332
mfeat-kar	0.9650	0.0070	0.9658	0.9611	0.0439
mfeat-mor	0.7250	0.0550	0.7273	0.6944	0.1839
mfeat-pix	0.9800	0.0040	0.9809	0.9778	0.0225
mfeat-zer	0.8300	0.0340	0.8322	0.8111	0.1168
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6176	0.1529	0.6156	0.5196	0.3300
mobile	0.6399	0.0129	0.6604	0.6333	0.1517
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8525	0.1475	0.8439	0.6839	0.5700
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4772	0.0951	0.4989	0.3795	0.5374
musk	0.9970	0.0030	0.9942	0.9883	0.0163
MUT_ci300400a_cdk_ESTATE	0.7506	0.2494	0.7404	0.4778	0.7497
MUT_ci300400a_cdk_FCFP2	0.7102	0.2898	0.7224	0.4296	0.7628
MUT_ci300400a_cdk_MACCS	0.8177	0.1823	0.8123	0.6246	0.6362
MUT_ci300400a_rdkit_descriptors	0.6992	0.3008	0.7056	0.3335	0.6415
myocardial	0.8824	0.0294	0.2967	0.4409	0.1524
naticusdroid	0.9680	0.0320	0.9680	0.9359	0.1911
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0556	0.0000	0.3511
ncRNA1%	0.8905	0.0115	0.3674	0.6917	0.4494
ncRNA10%	0.9042	0.0101	0.4267	0.7215	0.3505
neo	0.9114	0.0886	0.6758	0.1865	0.3380
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6302	0.3698	0.6284	0.2569	0.9011
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4306	0.3796	0.2466	-0.1131	0.6087
nursery	0.9985	0.0008	0.9918	0.9977	0.0028
obesity	0.9242	0.0217	0.9227	0.9115	0.1047
obs	0.9537	0.0231	0.9667	0.9308	0.0815
occupancy	0.9903	0.0097	0.9866	0.9730	0.1150
Occupancy_Estimation	0.9921	0.0039	0.9730	0.9760	0.0324
olive	0.9298	0.0156	0.9064	0.9124	0.0439
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
optdigits	0.9786	0.0043	0.9798	0.9763	0.0315
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
orl	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9684	0.0316	0.7696	0.5392	0.5390
ozone8hr	0.9130	0.0870	0.6191	0.2239	0.6471
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
page-blocks	0.9708	0.0117	0.7869	0.8244	0.1675
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8436	0.1564	0.8319	0.6620	0.5810
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.8813	0.1187	0.8473	0.6848	0.4791
particle10%	0.8746	0.1254	0.8391	0.6729	0.5213
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8204	0.5745	0.2929
pendigits	0.9409	0.0118	0.9435	0.9343	0.0756
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7755	0.2245	0.7556	0.5072	0.7149
pet-adoption	0.9350	0.0650	0.9259	0.8489	0.3030
phishing	0.9633	0.0367	0.9616	0.9231	0.2202
phone-acc0.1%	0.8254	0.0499	0.8158	0.7956	0.1643
phone-acc1%	0.8459	0.0440	0.8394	0.8198	0.1625
phone-gyr0.1%	0.8492	0.0431	0.8381	0.8236	0.1818
phone-gyr1%	0.8664	0.0382	0.8603	0.8437	0.1579
phoneme	0.8222	0.1778	0.7847	0.5691	0.6664
pima	0.7237	0.2763	0.7044	0.4045	0.7932
pirvision	0.9915	0.0057	0.9851	0.9729	0.0494
placement	0.7990	0.2010	0.7919	0.5790	0.6579
plant-growth	0.6316	0.3684	0.6292	0.2570	0.8973
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker1%	0.5259	0.1355	0.1512	0.0864	0.3053
poker10%	0.5325	0.1169	0.1844	0.0834	0.2562
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7481	0.2519	0.7131	0.4002	0.7211
popularity	0.6545	0.2303	0.4104	0.2164	0.4807
post-operative	0.6667	0.3333	0.5950	0.1818	0.8798
postures	0.9666	0.0134	0.9665	0.9582	0.0769
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6573	0.2353	0.7052
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4242	0.0886	0.3096	0.3509	0.2779
profb	0.7164	0.2836	0.6903	0.3787	0.8069
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.9728	0.0109	0.9526	0.9636	0.0783
puc-rio10%	0.9602	0.0159	0.9310	0.9465	0.0930
pufs-1281%	0.5043	0.4957	0.5044	0.0086	0.9875
pufs-641%	0.5225	0.4775	0.5225	0.0450	0.9867
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rice	0.9874	0.0126	0.9873	0.9744	0.0848
rocket	0.6284	0.3716	0.6176	0.2350	0.9032
satimage	0.8802	0.0399	0.8617	0.8523	0.1918
satimageF	0.9891	0.0109	0.9721	0.9442	0.1683
satimageT	0.9347	0.0653	0.8155	0.6305	0.5237

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5000	0.5000	0.5000	0.0000	0.9448
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9167	0.0833	0.4783	-0.0305	0.6521
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9610	0.0111	0.9646	0.9544	0.0560
segmentation	0.8317	0.1683	0.8178	0.6354	0.6211
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9264	0.0736	0.4809	-0.0141	0.5085
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-10-gram	0.8740	0.1260	0.6764	0.0977	0.2632
sens-2-gram	0.8605	0.1395	0.5807	0.1104	0.6333
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8605	0.1395	0.5188	0.0127	0.5424
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.6013	0.1055	0.5237
sens-9-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sensorless	0.9622	0.0069	0.9626	0.9584	0.0510
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8881	0.1119	0.7764	0.5514	0.6053
shuttle	0.9971	0.0008	0.5690	0.9917	0.0033
sick	0.9708	0.0292	0.8698	0.7171	0.2170
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9954	0.0046	0.9930	0.9860	0.0650
skin10%	0.9951	0.0049	0.9926	0.9852	0.0708
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.2600	0.3700	0.1842	0.0086	0.6718
smoking	0.7474	0.2526	0.7203	0.4359	0.7638
soil_pollution	0.2167	0.3133	0.2148	0.0197	0.8678
solar-flare	0.7410	0.0863	0.6807	0.6691	0.2430
sonar	0.7000	0.3000	0.7041	0.4000	0.7994
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9565	0.0435	0.8689	0.7377	0.4374
spambase	0.9065	0.0935	0.9022	0.8006	0.3906
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer	0.5192	0.0356	0.3817	0.4900	0.1533
splice-EI	0.9621	0.0379	0.9524	0.9029	0.2760
splice-IE	0.9243	0.0757	0.8999	0.7979	0.4336
sport-articles	0.8400	0.1600	0.8258	0.6408	0.5569
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8676	0.0883	0.8383	0.7866	0.2961
steel-b	0.8718	0.1282	0.8020	0.6033	0.5974
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9641	0.0359	0.9438	0.8846	0.1919
steel-o	0.7128	0.2872	0.6955	0.3886	0.8061
steel-p	0.9282	0.0718	0.7617	0.5234	0.5906
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.9686	0.0209	0.9640	0.9443	0.1196
stock	0.8750	0.1250	0.7769	0.5506	0.6089
stockb	0.9912	0.0059	0.9913	0.9868	0.0272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
streaming	0.9880	0.0120	0.9879	0.9757	0.0809
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6000	0.1600	0.3309	0.3511	0.4471
student-habits	0.3700	0.2520	0.2068	0.0672	0.6909
student-weekend	0.3231	0.2708	0.2366	0.0978	0.7512
student-workday	0.6719	0.1313	0.2449	0.1805	0.4720
studentap	0.3846	0.4103	0.3886	0.0370	0.6619
susy	0.7839	0.2161	0.7829	0.5656	0.6947
susy1%	0.7928	0.2072	0.7909	0.5814	0.6784
susy10%	0.7825	0.2175	0.7817	0.5631	0.6966
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.8807	0.1193	0.8447	0.6889	0.5367
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8085	0.1915	0.4471	-0.0709	0.7788
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.4800	0.6364	0.0881
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f	0.7059	0.2941	0.6913	0.3796	0.8113
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.5365	0.0711	0.8812
tuandromd	0.9865	0.0135	0.9791	0.9582	0.1317
turkish	0.8250	0.0875	0.8257	0.7667	0.2508
tvnews1%	0.9000	0.1000	0.8932	0.7862	0.4490
tvnews10%	0.8712	0.1288	0.8646	0.7278	0.5248
ur3_cobotops_grip	0.9728	0.0272	0.7346	0.4321	0.4246
ur3_cobotops_stop	0.9660	0.0340	0.6741	0.1858	0.2583
urban	0.8657	0.0299	0.8767	0.8431	0.1166
urinalysis	0.9720	0.0280	0.8518	0.6538	0.0890
vehicle	0.7619	0.1190	0.7450	0.6825	0.1762
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.9070	0.0930	0.9069	0.8139	0.4119
vowel	0.6364	0.0661	0.6849	0.6000	0.1677
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.7998	0.0572	0.8030	0.7659	0.2198
watch-gyr1%	0.8100	0.0543	0.8075	0.7780	0.1827
water_pollution	0.2400	0.3800	0.2434	-0.0142	0.8661
waveform	0.8380	0.1080	0.8382	0.7570	0.3720
weather-related	0.9769	0.0042	0.9774	0.9738	0.0326
web-phishing	0.8222	0.1185	0.7705	0.6856	0.4620
Weekly	0.9907	0.0093	0.9907	0.9812	0.0572
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9793	0.0207	0.8791	0.7397	0.1980
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5975	0.1342	0.2810	0.3364	0.4375
winequality-white	0.5235	0.1361	0.2734	0.2327	0.4357
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.5878	0.0824	0.3995	0.4702	0.3710
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastEXC	0.9527	0.0473	0.6001	0.1981	0.5887
yeastME1	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.9645	0.0071	0.9620	0.9602	0.0603

Table 369: Detailed results for MLPML

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1055	0.0617	0.0529	0.0271	0.4690
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9848	0.0152	0.9679	0.9350	0.1232
adult	0.8514	0.1486	0.7796	0.5482	0.6016
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_MACCSFingerprinter	0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8967	0.1033	0.8556	0.7088	0.4893
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7905	0.0838	0.3836	0.5241	0.2519
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7535	0.2465	0.7262	0.3771	0.5900
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9736	0.0132	0.8744	0.9499	0.1469
anuran-genus	0.9624	0.0094	0.8082	0.9380	0.0975
anuran-species	0.9472	0.0106	0.8652	0.9265	0.1341
anxiety	0.1250	0.1944	0.1219	0.0095	0.4018
apple-quality	0.9225	0.0775	0.9240	0.8450	0.3426
aps-failure	0.9829	0.0171	0.6761	0.1076	0.1081
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.6603	0.2671	0.4171
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.6889	0.0479	0.2738	0.5231	0.2580
auction	0.9363	0.0637	0.8423	0.6503	0.2920
audiology	0.5652	0.0362	0.1620	0.4866	0.1095
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.3000	0.2333	0.0769	0.0000	0.3345
avila	0.6387	0.0602	0.3739	0.4991	0.3419
babies	0.4919	0.1452	0.1609	0.1856	0.3439
balance	0.9194	0.0538	0.8221	0.8504	0.1515
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9124	0.0876	0.9044	0.8067	0.3894
basehock	0.9548	0.0452	0.9548	0.9095	0.2468
bio	0.9975	0.0025	0.9240	0.8452	0.1868
bio10%	0.9966	0.0034	0.9069	0.8131	0.3595
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5696	0.5686	0.1639
bridges	0.7000	0.0857	0.4163	0.5455	0.1058
bub10at310k-hg16-17	0.9137	0.0863	0.6512	0.1326	0.3434
bub12at310k-hg16-17	0.9089	0.0911	0.6699	0.3209	0.6184
bub8at310k-hg16-17	0.9116	0.0884	0.6572	0.2673	0.5672
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9655	0.0172	0.9634	0.9282	0.1593
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography	0.8404	0.0319	0.7282	0.8082	0.1847
cardiotocography-nsp	0.9014	0.0657	0.8080	0.7122	0.3269
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5257	0.4177	0.5700
cas_N6512_cdk_ECFP2	0.7512	0.2488	0.7497	0.4995	0.7494
cas_N6512_rdkit_ATOMPAIR	0.7308	0.2692	0.7283	0.4556	0.7784
cas_N6512_RDkit_AtomPair_FP	0.7331	0.2669	0.7324	0.4546	0.7520
cas_N6512_rdkit_AVALON	0.7819	0.2181	0.7803	0.5604	0.6985
cas_N6512_RDkit_Avalon_FP	0.8021	0.1979	0.8009	0.6019	0.6617
cas_N6512_rdkit_descriptors	0.7569	0.2431	0.7569	0.5130	0.7375
cas_N6512_rdkit_FEATMORGAN	0.7496	0.2504	0.7476	0.4911	0.7420
cas_N6512_RDkit_Featmorgan_FP	0.7469	0.2531	0.7464	0.4924	0.7544
cas_N6512_RDkit_FP	0.7546	0.2454	0.7524	0.5037	0.7415
cas_N6512_rdkit_LAYERED	0.7462	0.2538	0.7515	0.4959	0.7351
cas_N6512_RDkit_Layered_FP	0.7301	0.2699	0.7290	0.4580	0.7803

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.7761	0.2239	0.7756	0.5508	0.7073
cas_N6512_rdkit_MORGAN	0.7369	0.2631	0.7345	0.4673	0.7677
cas_N6512_RDkit_morgan_FP	0.7607	0.2393	0.7589	0.5177	0.7340
cas_N6512_rdkit_PATTERN	0.7800	0.2200	0.7785	0.5569	0.7018
cas_N6512_RDkit_pattern_FP	0.7684	0.2316	0.7670	0.5295	0.7099
cas_N6512_rdkit_RDKITFP	0.7665	0.2335	0.7649	0.5264	0.7160
cas_N6512_rdkit_TORSION	0.7354	0.2646	0.7349	0.4694	0.7715
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.9643	0.0357	0.6933	0.1289	0.1053
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8450	0.1033	0.4065	0.0560	0.2278
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8497	0.1503	0.8419	0.6804	0.5747
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9335	0.0665	0.5627	0.1185	0.6440
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.8689	0.7378	0.4199
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9994	0.0006	0.8276	0.6448	0.3289
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8420	0.1580	0.7249	0.4231	0.6284
churn-bigml	0.8689	0.1311	0.6770	0.1907	0.3895
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.2180	0.0156	0.1551	0.2101	0.1912
cirrhosis	0.7381	0.1746	0.4990	0.4726	0.4042
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8204	0.0898	0.5721	0.7168	0.2784
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.8800	0.1200	0.6001	0.1892	0.6967
cmc	0.5374	0.3084	0.5251	0.2841	0.7044
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8442	0.0283	0.5842	0.8100	0.2426
coil20	0.1944	0.0806	0.1371	0.1493	0.3007
college	0.8961	0.1039	0.8794	0.7528	0.4899
collins	0.4600	0.0720	0.2588	0.3946	0.2190
colon-tumor	0.3333	0.6667	0.3750	-0.2000	0.9308
colposcopies-1	0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2	0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4	0.5862	0.4138	0.5196	0.0387	0.9049
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.7931	0.2069	0.7929	0.5857	0.6774
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7548	0.2452	0.7553	0.5098	0.7400
coupon	0.7050	0.2950	0.6954	0.3863	0.8111
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.6960	0.0868	0.3098	0.4903	0.2927
covtypeCD	0.9607	0.0393	0.9186	0.8369	0.3592
covtypeT	0.9374	0.0626	0.6853	0.2680	0.3999
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8894	0.0369	0.6393	0.7696	0.2449
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.0312	0.0484	0.0017	0.0040	0.3622
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1533	0.2822	0.0443	0.0000	0.4044
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8190	0.1810	0.7059	0.3926	0.6846
defect	0.9414	0.0586	0.8855	0.7660	0.3578
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.9007	0.0993	0.7583	0.5166	0.6195
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8125	0.1250	0.8272	0.7108	0.2451
DIA	0.7167	0.2833	0.6636	0.3200	0.7948
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5588	0.2941	0.3675	0.1592	0.5235
diabetic10%	0.5550	0.2967	0.3855	0.1865	0.5402
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5833	0.4167	0.6196	0.2105	0.8377
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9964	0.0036	0.4991	-0.0012	0.4955
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5923	0.4077	0.5959	0.1893	0.9252
dota210%	0.5515	0.4485	0.5465	0.0914	0.9637
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7652	0.1565	0.6744	0.5986	0.4273
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6809	0.0912	0.1855	0.1056	0.3469
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-06	0.4255	0.1641	0.1976	0.2565	0.4194
drug-07	0.3723	0.1793	0.1236	-0.0089	0.3565
drug-08	0.5638	0.1246	0.1940	0.1579	0.4242
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1522	0.1126	0.3569
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6383	0.1033	0.1891	0.3329	0.3156
drug-14	0.5851	0.1185	0.2503	0.3248	0.3728
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5851	0.1185	0.2427	0.3179	0.3864
drug-17	0.3883	0.1748	0.1420	0.1355	0.4241
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9214	0.0225	0.9320	0.9049	0.1281
ecoli	0.8235	0.0441	0.5127	0.7521	0.1585
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.2131	-0.0094	0.7161
eeg	0.3491	0.0814	0.2418	0.2764	0.5820
eeg-eye	0.7350	0.2650	0.7309	0.4556	0.7610
eeg10%	0.3367	0.0829	0.1967	0.2584	0.5085
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.9525	0.0475	0.8763	0.7497	0.4699
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9637	0.0363	0.9636	0.9271	0.2107
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.6423	0.0421	0.3472	0.5897	0.2376
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9608	0.0392	0.9604	0.9208	0.2238
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.3610	0.0084	0.0316	0.2973	0.2908
forest	0.9231	0.0385	0.9016	0.8941	0.1323
gas	0.9899	0.0034	0.9897	0.9878	0.0265
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5937	0.2709	0.3760	0.1376	0.5186
gene	0.8801	0.0799	0.8665	0.8082	0.3189
german	0.7200	0.2800	0.6815	0.3593	0.8117
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9308	0.0692	0.9310	0.8615	0.3315
gisette	0.9586	0.0414	0.9588	0.9171	0.2267
glass	0.7143	0.0952	0.5847	0.5896	0.2682
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.8571	0.1429	0.8538	0.7042	0.5490
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8647	0.7273	0.5096
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2667	0.3667	0.1053	0.0000	0.3898
gsalc	0.2222	0.2593	0.1224	0.1250	0.2499
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.9314	0.0114	0.5349	0.9188	0.0530
har	0.8017	0.0793	0.7932	0.7479	0.3168
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8788	0.0346	0.5185	0.8223	0.1409
har7010%	0.8845	0.0330	0.5186	0.8291	0.1790
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.7746	0.0376	0.3519	0.6852	0.2103
harth10%	0.7714	0.0381	0.3546	0.6826	0.1906
hayes-roth	0.5000	0.3333	0.5951	0.2515	0.5374
hcc-survival	0.5882	0.4118	0.5353	0.0480	0.8463
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8477	0.1523	0.8482	0.6955	0.5624
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6764	0.3236	0.6872	0.3609	0.8115
higgs1%	0.6855	0.3145	0.6832	0.3640	0.8359
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.1429	0.2143	0.0858	0.0000	0.3977
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9089	0.0911	0.8389	0.6778	0.5304
hiva	0.9551	0.0449	0.5462	0.0765	0.5927
horse	0.6111	0.2593	0.5395	0.3048	0.6475
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.7493	0.1671	0.7546	0.6243	0.4693
htru2	0.9788	0.0212	0.9345	0.8681	0.2432
hypothyroid	0.9814	0.0093	0.6973	0.8924	0.1983
hypothyroidT	0.9920	0.0080	0.9714	0.9412	0.0338
ilpd	0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.6200	0.0292	0.6001	0.6048	0.1816
jm1	0.8108	0.1892	0.6061	0.0995	0.5485
jvowels	0.8886	0.0248	0.8800	0.8736	0.1568
kc1	0.8720	0.1280	0.7136	0.2987	0.3950
kc1-class-level-defectiveornot	0.7333	0.2667	0.7159	0.4118	0.7427
kc1-class-level-numericdefect	0.7143	0.0238	0.0641	0.3488	0.1029

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1972	0.0698	0.0488	0.0413	0.0478
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3358	0.0738	0.2338	0.2433	0.4676
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.7119	0.0960	0.6637	0.6381	0.4484
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.3235	0.0338	0.1544	0.3037	0.1133
led24	0.6500	0.0700	0.5915	0.6034	0.1471
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.5525	0.0344	0.5517	0.5345	0.3493
leukemia	0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.6944	0.0407	0.6853	0.6727	0.1115
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7059	0.2941	0.6640	0.3281	0.8338
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8868	0.0226	0.4605	0.8418	0.0529
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.8500	0.0600	0.4565	0.6667	0.0901
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9043	0.0957	0.9011	0.8021	0.4231
madelon	0.5231	0.4769	0.5233	0.0462	0.9835
magic04	0.8443	0.1557	0.8258	0.6483	0.5807
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6139	0.2574	0.6319	0.4089	0.5583
math	0.7500	0.1250	0.5896	0.5918	0.2757
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2033	0.3187	0.1131	-0.0072	0.5409
messidor	0.6957	0.3043	0.6867	0.3586	0.8005
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9350	0.0130	0.9374	0.9278	0.0759

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-fou	0.7500	0.0500	0.7554	0.7222	0.2124
mfeat-kar	0.9200	0.0160	0.9231	0.9111	0.0958
mfeat-mor	0.7100	0.0580	0.7063	0.6778	0.2049
mfeat-pix	0.5850	0.0830	0.5329	0.5389	0.1762
mfeat-zer	0.8000	0.0400	0.8027	0.7778	0.1732
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9717	0.0189	0.9677	0.9563	0.0533
mines	0.5588	0.1765	0.5263	0.4438	0.4067
mobile	0.2692	0.0261	0.2142	0.2561	0.2722
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.8361	0.1639	0.8151	0.6285	0.6082
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9712	0.0288	0.9435	0.8818	0.1353
MUT_ci300400a_cdk_ECFP2	0.7986	0.2014	0.7914	0.5817	0.6706
MUT_ci300400a_cdk_ECFP4	0.8275	0.1725	0.8231	0.6461	0.6163
MUT_ci300400a_cdk_ECFP6	0.7653	0.2347	0.7566	0.5120	0.7293
MUT_ci300400a_cdk_ESTATE	0.7458	0.2542	0.7393	0.4786	0.7616
MUT_ci300400a_cdk_EXTENDED	0.8213	0.1787	0.8162	0.6325	0.6291
MUT_ci300400a_cdk_FCFP2	0.8072	0.1928	0.8015	0.6029	0.6572
MUT_ci300400a_cdk_FCFP4	0.8010	0.1990	0.7939	0.5870	0.6665
MUT_ci300400a_cdk_FCFP6	0.7974	0.2026	0.7936	0.5865	0.6735
MUT_ci300400a_cdk_MACCS	0.7590	0.2410	0.7490	0.4901	0.7241
MUT_ci300400a_cdk_PUBCHEM	0.8467	0.1533	0.8413	0.6810	0.5666
MUT_ci300400a_cdk_STANDARD	0.8216	0.1784	0.8160	0.6319	0.6283
MUT_ci300400a_rdkit_descriptors	0.7694	0.2306	0.7701	0.5366	0.7111
myocardial	0.8412	0.0397	0.1146	0.0280	0.1267
naticusdroid	0.9744	0.0256	0.9744	0.9489	0.1606
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0833	0.0000	0.2759
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8849	0.0121	0.2636	0.6547	0.2465
ncRNA10%	0.8807	0.0126	0.2499	0.6503	0.3350
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6594	0.3406	0.6573	0.3143	0.8705
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5139	0.3241	0.3566	0.0961	0.5653
nursery	0.9738	0.0105	0.5923	0.9611	0.0233
obesity	0.4550	0.1557	0.3121	0.3586	0.2335
obs	0.8796	0.0602	0.9048	0.8191	0.1788
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.7129	0.0574	0.6605	0.6706	0.2653
oh10-wc	0.6381	0.0724	0.6174	0.5878	0.3673
oh15-wc	0.5761	0.0848	0.5425	0.5224	0.3782
oh5-wc	0.6703	0.0659	0.6285	0.6276	0.3065
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9123	0.0195	0.9119	0.8910	0.0776
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9110	0.0178	0.9129	0.9011	0.1196

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.2750	0.0362	0.2106	0.2564	0.1731
orlraws10P	0.6000	0.0800	0.4800	0.5556	0.1014
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9605	0.0395	0.6429	0.2671	0.5635
ozone8hr	0.9130	0.0870	0.6379	0.2678	0.6501
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8099	0.6197	0.6297
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8654	0.7299	0.5231
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.7117	0.8414	0.1951
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8483	0.1517	0.8369	0.6715	0.5673
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.9227	0.0773	0.9047	0.8094	0.4079
particle10%	0.9154	0.0846	0.8949	0.7898	0.4289
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.6644	0.2997	0.5774
pcmac	0.4691	0.5309	0.4589	-0.0821	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8313	0.6610	0.5822
pediatric-leukemia	0.1765	0.2353	0.0490	-0.0601	0.4857
pendigits	0.8990	0.0202	0.9019	0.8877	0.1300
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7988	0.2012	0.7874	0.5746	0.6798
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9350	0.0650	0.9259	0.8489	0.3030
phishing	0.9551	0.0449	0.9533	0.9063	0.2564
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1531	0.2420	0.0379	0.0000	0.4011
phone-acc1%	0.1413	0.2453	0.0354	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%	0.1592	0.2402	0.0392	0.0000	0.3999
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8093	0.1907	0.7715	0.5421	0.6884
phy	0.5750	0.4250	0.6003	0.1468	0.7900
pima	0.7105	0.2895	0.6874	0.3489	0.7670
pirvision	0.9915	0.0057	0.9836	0.9735	0.0883
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.7978	0.5824	0.6422
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5385	0.0923	0.1098	0.1222	0.2687
poker10%	0.4923	0.1015	0.1040	0.0687	0.2759
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9582	0.0418	0.7408	0.4057	0.3449
polish-5th	0.9306	0.0694	0.6837	0.3532	0.5925
polya	0.7686	0.2314	0.7428	0.4835	0.7359
popularity	0.6673	0.2218	0.4184	0.2254	0.4639
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9077	0.0369	0.9075	0.8845	0.1711

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pred-tox_mutagen_ref-desc	0.5882	0.4118	0.5924	0.1765	0.9134
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2424	0.0689	0.0945	0.1799	0.2256
processed	0.9995	0.0005	0.9994	0.9988	0.0060
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE	0.7273	0.2727	0.7243	0.4407	0.7677
puc-rio	0.9238	0.0305	0.8656	0.8973	0.1521
puc-rio10%	0.9113	0.0355	0.8391	0.8809	0.1788
pufs-1281%	0.5063	0.4937	0.5066	0.0126	0.9811
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5029	0.4971	0.5031	0.0055	0.9633
pufs-6410%	0.4995	0.5005	0.4988	-0.0006	0.7010
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.7333	0.0410	0.3901	0.6485	0.3008
re1-wc	0.5783	0.0337	0.1710	0.5081	0.2349
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9859	0.0141	0.9860	0.9717	0.0916
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6430	0.3570	0.6130	0.1967	0.8374
RT_IOT2022	0.9518	0.0080	0.6089	0.8790	0.0387
satimage	0.8600	0.0467	0.8330	0.8273	0.2094
satimageF	0.9860	0.0140	0.9637	0.9274	0.1815
satimageT	0.9316	0.0684	0.7869	0.5569	0.4801
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5294	0.4706	0.5294	0.0588	0.9823
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8910	0.1090	0.5662	0.1322	0.6664
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9221	0.0223	0.9283	0.9089	0.0930
segmentation	0.7921	0.2079	0.7838	0.5630	0.6828
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8711	0.1289	0.6316	0.1974	0.5909
sens-3-gram	0.8632	0.1368	0.5963	0.1379	0.6268
sens-4-gram	0.8289	0.1711	0.5280	0.0500	0.7666
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.8721	0.0232	0.8741	0.8593	0.1296
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9011	0.0989	0.8070	0.6138	0.5702
shuttle	0.9962	0.0011	0.5194	0.9893	0.0083
sick	0.9602	0.0398	0.8172	0.6142	0.3752
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9993	0.0007	0.9989	0.9979	0.0154
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.2200	0.3900	0.0917	-0.0541	0.5735
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.1116	-0.0023	0.5141
solar-flare	0.7482	0.0839	0.7041	0.6742	0.1942
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.5294	0.0495	0.1900	0.4643	0.1828
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9196	0.0804	0.9156	0.8297	0.3646
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.9429	0.0571	0.9300	0.8600	0.3290
spectrometer	0.4038	0.0442	0.1777	0.3621	0.2077
splice-EI	0.9306	0.0694	0.9108	0.8205	0.4012
splice-IE	0.9211	0.0789	0.8914	0.7827	0.4370
sport-articles	0.8500	0.1500	0.8425	0.6835	0.5745
squash-stored	0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.8279	0.1147	0.7934	0.7170	0.3423
steel-b	0.8615	0.1385	0.7861	0.5716	0.6239
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7744	0.2256	0.7436	0.4820	0.7231
steel-p	0.9282	0.0718	0.7886	0.5721	0.5868
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8750	0.1250	0.7716	0.5358	0.5982
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6150	0.1540	0.2719	0.3394	0.3323
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4200	0.2320	0.1958	0.0729	0.4493
student-weekend	0.3846	0.2462	0.1946	0.0871	0.5415
student-workday	0.7500	0.1000	0.2825	0.3544	0.3874
studentap	0.6923	0.2051	0.6667	0.5185	0.4133
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.8014	0.1986	0.8004	0.5955	0.6463
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5790	0.3000	0.5409
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9200	0.0145	0.9341	0.9119	0.0601
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8497	0.1503	0.7903	0.5781	0.6209
tis10%	0.7687	0.2313	0.6383	0.2461	0.7506
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7059	0.1471	0.7187	0.6065	0.2616
toxicity	0.6471	0.3529	0.6451	0.2817	0.8486

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.6053	0.1990	0.8161
trec11-wc	0.8293	0.0379	0.6349	0.7891	0.0985
trec12-wc	0.3226	0.1694	0.1687	0.1718	0.3387
trec21-wc	0.9394	0.0242	0.7708	0.8738	0.1263
trec23-wc	0.5714	0.1429	0.4351	0.4358	0.3591
trec31-wc	0.9462	0.0179	0.7757	0.9276	0.0502
trec41-wc	0.6023	0.0795	0.3377	0.4993	0.2409
trec45-wc	0.7246	0.0551	0.5539	0.6789	0.1915
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.8500	0.0750	0.8495	0.8000	0.2106
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.8692	0.1308	0.8583	0.7079	0.4849
tvnews10%	0.8874	0.1126	0.8780	0.7554	0.4770
ur3_cobotops_grip	0.9741	0.0259	0.7426	0.3779	0.2389
ur3_cobotops_stop	0.9605	0.0395	0.6057	0.1573	0.4998
urban	0.7612	0.0531	0.7145	0.7208	0.1745
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7619	0.1190	0.7422	0.6812	0.2437
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.6768	0.0588	0.6775	0.6444	0.1570
vowelZ	0.9697	0.0303	0.9024	0.7843	0.0972
vrnormat310k-hg16-17	0.9185	0.0815	0.7032	0.3786	0.5623
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.8462	0.0308	0.7467	0.8267	0.0390
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1339	0.2475	0.0337	0.0000	0.4036
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1523	0.2422	0.0378	0.0000	0.4014
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8300	0.1133	0.8310	0.7450	0.3780
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8370	0.1086	0.7191	0.7080	0.4442
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9917	0.0083	0.9609	0.9187	0.2846
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5472	0.1509	0.2578	0.2631	0.4126
winequality-white	0.5419	0.1309	0.2292	0.2619	0.4194
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9840	0.0046	0.9800	0.9798	0.0471
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.5625	0.0583	0.4713	0.5274	0.1091
yeast	0.5608	0.0878	0.3528	0.4228	0.3456
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
zip	0.8925	0.0215	0.8844	0.8794	0.1555

Table 370: Detailed results for MLPWD

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1175	0.0609	0.0572	0.0370	0.4452
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9822	0.0178	0.6033	0.0327	0.1600
accident	0.6000	0.4000	0.6094	0.2000	0.8750
ads	0.9726	0.0274	0.9437	0.8872	0.2774
adult	0.8466	0.1534	0.7781	0.5531	0.6342
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8920	0.1080	0.8473	0.6892	0.4885
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7143	0.1143	0.2617	0.1627	0.2306
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8512	0.1488	0.8358	0.6515	0.4934
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9569	0.0216	0.7077	0.9176	0.1225
anuran-genus	0.9555	0.0111	0.7728	0.9263	0.1388
anuran-species	0.9500	0.0100	0.8775	0.9306	0.0960
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.8950	0.1050	0.8979	0.7900	0.4156
aps-failure	0.9828	0.0172	0.6712	0.0948	0.1087
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.6667	0.0513	0.2091	0.4664	0.2468
auction	0.9510	0.0490	0.8817	0.7463	0.2561
audiology	0.5217	0.0399	0.1285	0.4340	0.1520
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.3000	0.2333	0.0769	0.0000	0.3345
avila	0.6517	0.0581	0.4034	0.5206	0.3239
babies	0.4919	0.1452	0.1609	0.1916	0.3565
balance	0.9194	0.0538	0.8228	0.8500	0.1526
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9147	0.0853	0.9078	0.8088	0.3422
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9969	0.0031	0.9046	0.7967	0.1175
bio10%	0.9945	0.0055	0.8568	0.7115	0.4541
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17	0.9109	0.0891	0.6570	0.2719	0.5781
bub12at310k-hg16-17	0.9119	0.0881	0.6513	0.2412	0.5421
bub8at310k-hg16-17	0.9148	0.0852	0.6566	0.1863	0.4117
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9598	0.0201	0.9589	0.9158	0.1720
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography	0.8028	0.0394	0.6944	0.7630	0.2372
cardiotocography-nsp	0.9014	0.0657	0.8071	0.7149	0.2801
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8000	0.1333	0.7929	0.6544	0.2800
cas_N6512_cdk_ECFP2	0.7450	0.2550	0.7426	0.4829	0.7536
cas_N6512_rdkit_ATOMPAIR	0.7092	0.2908	0.7064	0.4089	0.8025
cas_N6512_RDkit_AtomPair_FP	0.7362	0.2638	0.7363	0.4718	0.7688
cas_N6512_rdkit_AVALON	0.7665	0.2335	0.7652	0.5304	0.7247
cas_N6512_RDkit_Avalon_FP	0.8114	0.1887	0.8104	0.6207	0.6439
cas_N6512_rdkit_descriptors	0.7708	0.2292	0.7691	0.5380	0.7175
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.7623	0.2377	0.7622	0.5236	0.7292
cas_N6512_RDkit_FP	0.7531	0.2469	0.7511	0.5019	0.7460
cas_N6512_rdkit_LAYERED	0.7662	0.2338	0.7643	0.5284	0.7249
cas_N6512_RDkit_Layered_FP	0.7592	0.2408	0.7571	0.5127	0.7331

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.7623	0.2377	0.7633	0.5248	0.7258
cas_N6512_rdkit_MORGAN	0.8031	0.1969	0.8025	0.5998	0.6430
cas_N6512_RDkit_morgan_FP	0.7500	0.2500	0.7493	0.4899	0.7292
cas_N6512_rdkit_PATTERN	0.7769	0.2231	0.7752	0.5502	0.7068
cas_N6512_RDkit_pattern_FP	0.7546	0.2454	0.7530	0.5061	0.7441
cas_N6512_rdkit_RDKITFP	0.7435	0.2565	0.7456	0.4739	0.7161
cas_N6512_rdkit_TORSION	0.7200	0.2800	0.7199	0.4391	0.7926
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.8041	0.6046	0.6479
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7844	0.4877	0.2146
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9970	0.0030	0.4992	-0.0010	0.4761
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9994	0.0006	0.8414	0.6664	0.2633
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8520	0.1480	0.7434	0.4549	0.5854
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.2360	0.0153	0.2057	0.2283	0.2381
cirrhosis	0.7619	0.1587	0.5169	0.5249	0.3828
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8093	0.0954	0.5668	0.6956	0.2975
climate	0.8889	0.1111	0.4706	-0.0519	0.7116
cll_sub_111	0.6667	0.2222	0.6873	0.4783	0.4482
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5238	0.3175	0.4936	0.2445	0.7219
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8496	0.0273	0.5168	0.8162	0.2265
coil20	0.2569	0.0743	0.1618	0.2152	0.2539
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.4600	0.0720	0.2410	0.3897	0.1904
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2	0.5517	0.4483	0.5155	0.0308	0.9708
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6897	0.3103	0.7395	0.3650	0.4882
colposcopies-c	0.7241	0.2759	0.5851	0.1655	0.8480
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7716	0.2284	0.7716	0.5432	0.7148
coupon	0.6901	0.3099	0.6886	0.3758	0.8299
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.7033	0.0848	0.4004	0.5222	0.3505
covtypeCD	0.9379	0.0621	0.8576	0.7026	0.3687
covtypeT	0.9473	0.0527	0.7536	0.4496	0.3866
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8968	0.0344	0.7309	0.7850	0.3784
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1250	0.0437	0.0346	0.1013	0.2027
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8240	0.1760	0.7140	0.4068	0.6687
defect	0.9136	0.0864	0.8249	0.6337	0.4476
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.9053	0.0947	0.7445	0.4796	0.5867
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8125	0.1250	0.8272	0.7108	0.2451
DIA	0.7167	0.2833	0.6138	0.2273	0.8427
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5686	0.2876	0.3546	0.1130	0.4609
diabetic10%	0.5619	0.2921	0.3601	0.0783	0.4371
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5904	0.4096	0.5952	0.1869	0.9232
dota210%	0.5592	0.4408	0.5538	0.1046	0.9536
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7449	0.1701	0.6608	0.5625	0.4596
drug-01	0.1543	0.2416	0.0382	0.0000	0.3231
drug-02	0.5053	0.1413	0.1271	0.0324	0.3837
drug-03	0.6702	0.0942	0.1372	0.0598	0.3475
drug-04	0.5319	0.1337	0.1010	0.0225	0.2989

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.2285	0.2527	0.4312
drug-07	0.4202	0.1657	0.1336	0.0373	0.3702
drug-08	0.5585	0.1261	0.1776	0.1660	0.3667
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5638	0.1246	0.1593	0.1479	0.3491
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1723	0.1969	0.3211
drug-14	0.5957	0.1155	0.2332	0.3096	0.3884
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6064	0.1125	0.2567	0.3110	0.3271
drug-17	0.3617	0.1824	0.1299	0.0947	0.4350
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9199	0.0229	0.9338	0.9031	0.1261
ecoli	0.8529	0.0368	0.5234	0.7949	0.1321
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.1792	0.0243	0.5558
eeg	0.3648	0.0794	0.2888	0.2888	0.5829
eeg-eye	0.7316	0.2684	0.7276	0.4482	0.7644
eeg10%	0.3536	0.0808	0.2141	0.2781	0.4980
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.9557	0.0443	0.8868	0.7695	0.4573
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9652	0.0348	0.9652	0.9303	0.2038
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.6870	0.0368	0.3873	0.6418	0.2055
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8627	0.1373	0.8624	0.7196	0.5076
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9423	0.0288	0.9321	0.9205	0.0785
gas	0.9907	0.0031	0.9906	0.9887	0.0239
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6042	0.2639	0.3829	0.1504	0.5089
gene	0.9054	0.0631	0.8947	0.8484	0.2712
german	0.7200	0.2800	0.6785	0.3503	0.8079
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9481	0.0519	0.9484	0.8963	0.2692
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6667	0.1111	0.6697	0.5227	0.2557
glass-g2	0.6875	0.3125	0.6789	0.3548	0.8301
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8602	0.6875	0.1858
glioma-grade	0.8810	0.1190	0.8776	0.7551	0.4910
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.2519	0.1401	0.5021
gsalc	0.4444	0.1852	0.3333	0.3284	0.1984
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.9177	0.0137	0.4727	0.9018	0.0757
har	0.8017	0.0793	0.7977	0.7490	0.3253
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8686	0.0375	0.5139	0.8096	0.1495
har7010%	0.8783	0.0348	0.5162	0.8210	0.1513
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.7629	0.0395	0.3265	0.6717	0.2516
harth10%	0.7665	0.0389	0.3043	0.6759	0.2025
hayes-roth	0.5000	0.3333	0.5951	0.2515	0.5374
hcc-survival	0.5294	0.4706	0.4923	-0.0149	0.9858
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8889	0.1111	0.8845	0.7666	0.4543
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.8077	0.5455	0.5283
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8439	0.1561	0.8467	0.6881	0.5539
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6736	0.3264	0.6768	0.3503	0.8434
higgs1%	0.6894	0.3106	0.6879	0.3758	0.8354
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9123	0.0877	0.8311	0.6418	0.4190
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6667	0.2222	0.6187	0.4217	0.5745
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.7131	0.1912	0.7215	0.5649	0.5110
htru2	0.9765	0.0235	0.9284	0.8567	0.2848
hypothyroid	0.9814	0.0093	0.6993	0.8864	0.1427
hypothyroidT	0.9841	0.0159	0.9513	0.8976	0.3202
ilpd	0.6780	0.3220	0.5181	0.0278	0.8593
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.8667	0.0889	0.8500	0.7973	0.2122
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.6727	0.0252	0.6212	0.6595	0.1538
jm1	0.8200	0.1800	0.6416	0.1826	0.5689
jvowels	0.8765	0.0274	0.8712	0.8600	0.1772
kc1	0.8768	0.1232	0.7238	0.3590	0.4552
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.0698	0.0569	0.0410	0.0466
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3390	0.0734	0.2169	0.2478	0.4520
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.2059	0.0397	0.0769	0.1833	0.1540
led24	0.6000	0.0800	0.6027	0.5493	0.1821
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.5805	0.0323	0.5883	0.5634	0.3540
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.6389	0.0481	0.6466	0.6132	0.1003
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0207
liver	0.6471	0.3529	0.6574	0.2941	0.8066
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8302	0.0340	0.3372	0.7613	0.1128
lung	0.9048	0.0381	0.8411	0.8100	0.0677
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.7652	0.8964	0.0232
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9043	0.0957	0.9033	0.8050	0.4227
madelon	0.5577	0.4423	0.5581	0.1154	0.9598
magic04	0.8538	0.1462	0.8364	0.6645	0.5366
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6436	0.2376	0.6438	0.4502	0.5228
math	0.6500	0.1750	0.4985	0.4702	0.3959
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.7130	0.2870	0.7104	0.4202	0.8038
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.7778	0.1111	0.6252	0.6828	0.2443

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-fac	0.9500	0.0100	0.9519	0.9444	0.0564
mfeat-fou	0.7850	0.0430	0.7805	0.7611	0.1746
mfeat-kar	0.9350	0.0130	0.9357	0.9278	0.0799
mfeat-mor	0.7400	0.0520	0.7233	0.7111	0.1598
mfeat-pix	0.6500	0.0700	0.5820	0.6111	0.1647
mfeat-zer	0.7550	0.0490	0.7618	0.7278	0.2144
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.6010	0.4826	0.3440
mobile	0.2483	0.0268	0.2026	0.2345	0.2626
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8525	0.1475	0.8330	0.6617	0.5586
monks-3	0.8571	0.1429	0.8737	0.7168	0.3812
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9712	0.0288	0.9433	0.8838	0.1811
MUT_ci300400a_cdk_ECFP2	0.7962	0.2038	0.7901	0.5802	0.6779
MUT_ci300400a_cdk_ECFP4	0.7557	0.2443	0.7647	0.5161	0.7039
MUT_ci300400a_cdk_ECFP6	0.7677	0.2323	0.7686	0.5327	0.7119
MUT_ci300400a_cdk_ESTATE	0.7410	0.2590	0.7373	0.4734	0.7643
MUT_ci300400a_cdk_EXTENDED	0.8237	0.1763	0.8180	0.6356	0.6228
MUT_ci300400a_cdk_FCFP2	0.8323	0.1677	0.8272	0.6543	0.6058
MUT_ci300400a_cdk_FCFP4	0.8094	0.1906	0.8030	0.6056	0.6516
MUT_ci300400a_cdk_FCFP6	0.8118	0.1882	0.8072	0.6143	0.6478
MUT_ci300400a_cdk_MACCS	0.8141	0.1859	0.8101	0.6199	0.6426
MUT_ci300400a_cdk_PUBCHEM	0.8407	0.1593	0.8351	0.6676	0.5768
MUT_ci300400a_cdk_STANDARD	0.8263	0.1737	0.8212	0.6424	0.6187
MUT_ci300400a_rdkit_descriptors	0.8020	0.1980	0.7984	0.5967	0.6650
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9680	0.0320	0.9680	0.9359	0.1909
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.3333	0.2222	0.1961	0.2000	0.2286
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8768	0.0130	0.2526	0.6400	0.2102
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6539	0.3461	0.6521	0.3041	0.8767
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5139	0.3241	0.3372	0.0311	0.5435
nursery	0.9691	0.0123	0.5893	0.9543	0.0348
obesity	0.5450	0.1300	0.4709	0.4677	0.3223
obs	0.8704	0.0648	0.8974	0.8057	0.1920
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9921	0.0039	0.9731	0.9760	0.0322
oh0-wc	0.8515	0.0297	0.8382	0.8291	0.1286
oh10-wc	0.7143	0.0571	0.6713	0.6740	0.2622
oh15-wc	0.6848	0.0630	0.5888	0.6393	0.2671
oh5-wc	0.7473	0.0505	0.7396	0.7125	0.2184
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9298	0.0156	0.9180	0.9124	0.0471
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
optdigits	0.8488	0.0302	0.8664	0.8321	0.1640
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.3000	0.0350	0.2057	0.2821	0.1611
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	0.8400	0.1600	0.8344	0.6154	0.3522
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8041	0.1959	0.7835	0.5669	0.6802
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8837	0.7626	0.4657
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9799	0.0080	0.8807	0.8815	0.0789
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.8199	0.1801	0.8054	0.6020	0.6102
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.9221	0.0779	0.9057	0.8107	0.4148
particle10%	0.9015	0.0985	0.8765	0.7525	0.4668
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7973	0.5932	0.6403
pediatric-leukemia	0.2353	0.2185	0.0602	0.0123	0.3897
pendigits	0.8963	0.0207	0.9042	0.8848	0.1131
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8192	0.1808	0.8038	0.6013	0.6211
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9150	0.0850	0.9052	0.8100	0.4166
phishing	0.9714	0.0286	0.9700	0.9399	0.1774
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%	0.1364	0.2467	0.0343	0.0000	0.4039
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1594	0.2402	0.0393	0.0000	0.3999
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8019	0.1981	0.7703	0.5368	0.6916
phy	0.5700	0.4300	0.5709	0.1390	0.9441
pima	0.7105	0.2895	0.6891	0.3407	0.7408
pirvision	0.9967	0.0022	0.9944	0.9897	0.0417
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5789	0.4211	0.6724	0.1915	0.5232
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5200	0.0960	0.1083	0.0487	0.2047
poker10%	0.5282	0.0944	0.1075	0.0754	0.2388
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9541	0.0459	0.7137	0.3798	0.4557
polish-5th	0.9374	0.0626	0.7055	0.3828	0.5342
polya	0.7762	0.2238	0.7534	0.5061	0.7253
popularity	0.6666	0.2223	0.4143	0.1961	0.4472
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
postures	0.9008	0.0397	0.9027	0.8760	0.1718
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6338	0.2647	0.8906
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.0606	0.1292	0.2667	0.2150
processed	0.9997	0.0003	0.9996	0.9992	0.0054
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9153	0.0339	0.8597	0.8865	0.1940
puc-rio10%	0.9101	0.0360	0.8452	0.8788	0.1769
pufs-1281%	0.4913	0.5087	0.4903	-0.0172	0.9683
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.7533	0.0379	0.4186	0.6782	0.2443
re1-wc	0.5723	0.0342	0.1412	0.4877	0.2359
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9930	0.9858	0.0537
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6270	0.3730	0.5927	0.1396	0.8047
RT_IOT2022	0.9819	0.0030	0.7065	0.9544	0.0209
satimage	0.8616	0.0461	0.8374	0.8295	0.2098
satimageF	0.9829	0.0171	0.9552	0.9101	0.1937
satimageT	0.9347	0.0653	0.7988	0.5838	0.4705
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9264	0.0210	0.9349	0.9139	0.0835
segmentation	0.8168	0.1832	0.7977	0.5945	0.6489
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.8576	0.0259	0.8570	0.8434	0.1425
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8905	0.1095	0.8026	0.6031	0.6013
shuttle	0.9972	0.0008	0.5382	0.9922	0.0042
sick	0.9629	0.0371	0.8294	0.6317	0.3152
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9995	0.0005	0.9992	0.9984	0.0119
skin10%	0.9984	0.0016	0.9975	0.9950	0.0233

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7266	0.0911	0.5316	0.6445	0.1966
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.5882	0.0433	0.2699	0.5421	0.1621
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9065	0.0935	0.9020	0.8009	0.3957
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer	0.4615	0.0399	0.2200	0.4247	0.1947
splice-EI	0.9495	0.0505	0.9331	0.8662	0.3155
splice-IE	0.9148	0.0852	0.8865	0.7716	0.4642
sport-articles	0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored	0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.8191	0.1206	0.7813	0.7024	0.3620
steel-b	0.8513	0.1487	0.7598	0.5130	0.6362
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7846	0.2154	0.7613	0.5226	0.7138
steel-p	0.9385	0.0615	0.7527	0.4290	0.3541
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8819	0.1181	0.7826	0.5543	0.5665
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6000	0.1600	0.2662	0.3080	0.3376
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4000	0.2400	0.2028	0.1595	0.4498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.6222	0.4091	0.5412
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.8012	0.1988	0.7998	0.5958	0.6518
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6667	0.2222	0.6933	0.5000	0.4209
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9855	0.0026	0.9867	0.9840	0.0213
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8556	0.1444	0.8024	0.6041	0.6124
tis10%	0.8134	0.1866	0.7221	0.4206	0.6651
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc	0.8537	0.0325	0.5991	0.8153	0.0926
trec12-wc	0.3871	0.1532	0.1798	0.2429	0.3107
trec21-wc	0.9394	0.0242	0.5647	0.8731	0.0369
trec23-wc	0.7619	0.0794	0.5540	0.6546	0.2226
trec31-wc	0.9032	0.0323	0.7318	0.8706	0.1559
trec41-wc	0.5227	0.0955	0.3467	0.4067	0.2742
trec45-wc	0.6957	0.0609	0.5842	0.6333	0.2096
tuandromd	0.9821	0.0179	0.9720	0.9439	0.1494
turkish	0.7500	0.1250	0.7437	0.6667	0.2630
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.6462	0.3538	0.5988	0.0621	0.5874
tvnews10%	0.8643	0.1357	0.8584	0.7145	0.5392
ur3_cobotops_grip	0.9660	0.0340	0.6521	0.2707	0.5188
ur3_cobotops_stop	0.9714	0.0286	0.7480	0.4209	0.3102
urban	0.8209	0.0398	0.7655	0.7910	0.1400
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7976	0.1012	0.7776	0.7276	0.2302
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.6162	0.0698	0.6427	0.5778	0.1907
vowelZ	0.9394	0.0606	0.8167	0.6333	0.5293
vrnormat310k-hg16-17	0.9202	0.0798	0.7239	0.4354	0.5792
wap-wc	0.3974	0.0603	0.1481	0.3179	0.2626
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1523	0.2422	0.0378	0.0000	0.4014
water_pollution	0.2500	0.3750	0.1000	0.0000	0.4041
waveform	0.8520	0.0987	0.8542	0.7778	0.3335
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8000	0.1333	0.6259	0.6313	0.4393
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9938	0.0062	0.9679	0.9355	0.1991
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5723	0.1426	0.2577	0.2814	0.3549
winequality-white	0.5317	0.1338	0.2755	0.2417	0.3814
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9822	0.0051	0.8240	0.9775	0.0345
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.6600	0.7311	0.0549
yeast	0.5946	0.0811	0.3685	0.4803	0.3892
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
zip	0.8978	0.0204	0.8913	0.8855	0.1441

Table 371: Detailed results for MLPWDML

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1223	0.0605	0.0639	0.0390	0.4452
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8536	0.1464	0.7867	0.5685	0.6119
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.9014	0.0986	0.8605	0.7123	0.4372
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7814	0.2186	0.7966	0.5646	0.6243
anneal	0.9663	0.0135	0.7748	0.9296	0.1075
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9722	0.0139	0.7291	0.9468	0.0728
anuran-genus	0.9388	0.0153	0.7428	0.8980	0.1372
anuran-species	0.9389	0.0122	0.7789	0.9149	0.1171
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.8900	0.1100	0.8939	0.7800	0.4195
aps-failure	0.9828	0.0172	0.6712	0.0948	0.1087
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.6889	0.0479	0.2210	0.4340	0.1487
auction	0.9412	0.0588	0.8574	0.6706	0.1610
audiology	0.5652	0.0362	0.1664	0.4843	0.1371
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.3000	0.2333	0.0800	0.0000	0.3386
avila	0.6488	0.0585	0.4104	0.5306	0.3220
babies	0.4516	0.1567	0.1758	0.1260	0.3677
balance	0.9194	0.0538	0.8221	0.8504	0.1515
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9240	0.0760	0.9177	0.8304	0.3221
basehock	0.9497	0.0503	0.9501	0.8995	0.2604
bio	0.9968	0.0032	0.9037	0.8018	0.2064
bio10%	0.9959	0.0041	0.8930	0.7836	0.4083
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5696	0.5686	0.1639
bridges	0.8000	0.0571	0.5195	0.6970	0.0821
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9120	0.0880	0.6339	0.1357	0.4118
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9598	0.0201	0.9328	0.9153	0.1664
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.8028	0.0394	0.7272	0.7631	0.2250
cardiotocography-nsp	0.9202	0.0532	0.8505	0.7605	0.2048
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.7024	0.5333	0.3875
cas_N6512_cdk_ECFP2	0.7143	0.2857	0.7123	0.4245	0.8034
cas_N6512_rdkit_ATOMPAIR	0.7154	0.2846	0.7151	0.4297	0.7992
cas_N6512_RDkit_AtomPair_FP	0.7423	0.2577	0.7400	0.4787	0.7603
cas_N6512_rdkit_AVALON	0.7926	0.2074	0.7913	0.5826	0.6795
cas_N6512_RDkit_Avalon_FP	0.8006	0.1994	0.7993	0.5985	0.6645
cas_N6512_rdkit_descriptors	0.7585	0.2415	0.7573	0.5146	0.7375
cas_N6512_rdkit_FEATMORGAN	0.7389	0.2611	0.7370	0.4681	0.7544
cas_N6512_RDkit_Featmorgan_FP	0.7439	0.2561	0.7428	0.4777	0.7413
cas_N6512_RDkit_FP	0.7561	0.2439	0.7545	0.5090	0.7416
cas_N6512_rdkit_LAYERED	0.7938	0.2062	0.7938	0.5868	0.6748
cas_N6512_RDkit_Layered_FP	0.7607	0.2393	0.7587	0.5168	0.7329

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.7500	0.2500	0.7495	0.4986	0.7496
cas_N6512_rdkit_MORGAN	0.8046	0.1954	0.8035	0.6038	0.6466
cas_N6512_RDkit_morgan_FP	0.7761	0.2239	0.7742	0.5471	0.7054
cas_N6512_rdkit_PATTERN	0.7785	0.2215	0.7783	0.5560	0.7022
cas_N6512_RDkit_pattern_FP	0.7653	0.2347	0.7641	0.5282	0.7266
cas_N6512_rdkit_RDKITFP	0.7619	0.2381	0.7601	0.5201	0.7320
cas_N6512_rdkit_TORSION	0.7462	0.2538	0.7469	0.4923	0.7522
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.9505	0.0495	0.6152	0.2252	0.6122
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8083	0.1917	0.7939	0.5869	0.6662
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7854	0.5278	0.3340
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.8132	0.6186	0.5081
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8400	0.1600	0.7168	0.3893	0.5992
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.2620	0.0148	0.2423	0.2545	0.2123
cirrhosis	0.7619	0.1587	0.5169	0.5249	0.3828
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8269	0.0866	0.6630	0.7298	0.3115
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5646	0.2902	0.5327	0.3022	0.6759
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8335	0.0303	0.4798	0.7967	0.2242
coil20	0.4375	0.0563	0.3560	0.4085	0.1725
college	0.9091	0.0909	0.8921	0.7806	0.4581
collins	0.4400	0.0747	0.2516	0.3736	0.2311
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.7241	0.2759	0.7108	0.4171	0.7845
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4	0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7620	0.2380	0.7621	0.5238	0.7301
coupon	0.7066	0.2934	0.6970	0.3829	0.7948
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.7010	0.0854	0.3119	0.4986	0.2895
covtypeCD	0.9607	0.0393	0.9153	0.8302	0.3297
covtypeT	0.9423	0.0577	0.7585	0.5128	0.5485
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8959	0.0347	0.6704	0.7823	0.2431
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1250	0.0437	0.0495	0.0986	0.2497
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.0460	0.0000	0.4033
cyclopentane	0.6667	0.3333	0.6657	0.3306	0.8586
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8247	0.1753	0.7166	0.4149	0.6721
defect	0.9383	0.0617	0.8789	0.7516	0.3661
dementia	0.4800	0.5200	0.3243	0.0000	0.5302
deposit	0.9042	0.0958	0.7352	0.4547	0.5794
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8919	0.0360	0.7600	0.8632	0.0983
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.7500	0.1667	0.7616	0.6098	0.2841
DIA	0.6833	0.3167	0.6402	0.2692	0.8042
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5490	0.3007	0.3178	0.0328	0.3536
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.4583	0.5417	0.4782	-0.0400	0.9695
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5999	0.4001	0.5965	0.1910	0.9257
dota210%	0.5563	0.4437	0.5502	0.0957	0.9493
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7381	0.1746	0.6434	0.5549	0.4905
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5000	0.1429	0.1336	0.0678	0.3985
drug-03	0.6702	0.0942	0.1287	0.0348	0.3434
drug-04	0.5372	0.1322	0.1913	0.0869	0.3391
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-06	0.4468	0.1581	0.2640	0.2914	0.4426
drug-07	0.3617	0.1824	0.0759	0.0000	0.2501
drug-08	0.5585	0.1261	0.1786	0.1612	0.3678
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1530	0.1446	0.3572
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6277	0.1064	0.1765	0.2693	0.3193
drug-14	0.6064	0.1125	0.2225	0.2443	0.3863
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6064	0.1125	0.2479	0.3164	0.3230
drug-17	0.3830	0.1763	0.1397	0.1274	0.4266
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9221	0.0223	0.9325	0.9057	0.1263
ecoli	0.8529	0.0368	0.5439	0.7959	0.1175
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3300	0.3350	0.2945	0.1002	0.6585
eeg	0.3626	0.0797	0.2913	0.2877	0.5885
eeg-eye	0.7283	0.2717	0.7313	0.4584	0.7705
eeg10%	0.3418	0.0823	0.2248	0.2663	0.5847
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9654	0.0346	0.9653	0.9307	0.2027
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8627	0.1373	0.8663	0.7173	0.4598
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.9705	0.0098	0.9676	0.9642	0.0588
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5832	0.2779	0.2456	-0.0115	0.3652
gene	0.9148	0.0568	0.9033	0.8640	0.2348
german	0.7200	0.2800	0.6785	0.3503	0.8079
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9280	0.0720	0.9284	0.8557	0.3366
gisette	0.9571	0.0429	0.9573	0.9143	0.2351
glass	0.6667	0.1111	0.5328	0.5243	0.2368
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2667	0.3667	0.1053	0.0000	0.3898
gsalc	0.6667	0.1111	0.6222	0.5970	0.1567
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.9277	0.0120	0.5320	0.9146	0.0586
har	0.7803	0.0879	0.7688	0.7206	0.3482
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8743	0.0359	0.5161	0.8170	0.1497
har7010%	0.8857	0.0327	0.5220	0.8310	0.1407
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.7763	0.0373	0.3557	0.6906	0.2052
harth10%	0.7748	0.0375	0.3697	0.6898	0.2281
hayes-roth	0.3125	0.4583	0.3528	-0.0539	0.7355
hcc-survival	0.4118	0.5882	0.3604	-0.2687	1.0000
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7950	0.5645	0.6291
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.8000	0.2000	0.8228	0.5872	0.4205
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis	0.9333	0.0667	0.9148	0.8148	0.4011
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8425	0.1575	0.8445	0.6852	0.5636
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6800	0.3200	0.6880	0.3664	0.8183
higgs1%	0.6835	0.3165	0.6826	0.3651	0.8420
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0850	0.0000	0.4195
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9089	0.0911	0.8236	0.6212	0.4139
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.3856	0.1818	0.4766
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.7201	0.1866	0.7283	0.5779	0.4917
htru2	0.9799	0.0201	0.9382	0.8758	0.2390
hypothyroid	0.9814	0.0093	0.6993	0.8864	0.1427
hypothyroidT	0.9920	0.0080	0.9714	0.9412	0.0338
ilpd	0.2881	0.7119	0.2237	0.0000	0.4728
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.5751	0.0327	0.5504	0.5581	0.1934
jm1	0.8099	0.1901	0.6140	0.1645	0.6587
jvowels	0.8855	0.0254	0.8780	0.8703	0.1624
kc1	0.8720	0.1280	0.7239	0.2727	0.2697
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6929	0.3824	0.7363
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1966	0.0699	0.0432	0.0407	0.0517
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3447	0.0728	0.2676	0.2571	0.4888
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.2353	0.0382	0.1161	0.2163	0.1381
led24	0.6000	0.0800	0.5620	0.5543	0.1923
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.6090	0.0301	0.6185	0.5931	0.3345
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.7143	0.2857	0.7742	0.4615	0.5000
libra	0.6944	0.0407	0.6252	0.6722	0.1008
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6176	0.3824	0.6372	0.2508	0.8143
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8491	0.0302	0.3750	0.7852	0.0883
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7099	0.7790	0.0679
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2	0.7778	0.0741	0.6496	0.6842	0.0899
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5346	0.4654	0.5347	0.0692	0.9780
magic04	0.8659	0.1341	0.8503	0.6928	0.5042
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8021	0.1979	0.8123	0.6082	0.6068
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6733	0.2178	0.6788	0.5033	0.5523
math	0.7750	0.1125	0.7653	0.6491	0.3215
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.7217	0.2783	0.7148	0.4149	0.7635
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9600	0.0080	0.9607	0.9556	0.0499

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-fou	0.7650	0.0470	0.7402	0.7389	0.1817
mfeat-kar	0.9450	0.0110	0.9455	0.9389	0.0664
mfeat-mor	0.7100	0.0580	0.6916	0.6778	0.1894
mfeat-pix	0.6100	0.0780	0.5497	0.5667	0.2268
mfeat-zer	0.8500	0.0300	0.8497	0.8333	0.1048
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5129	0.4832	0.3403
mobile	0.2273	0.0276	0.1867	0.2133	0.2785
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.8525	0.1475	0.8387	0.6769	0.5789
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9803	0.0197	0.9616	0.9212	0.1091
MUT_ci300400a_cdk_ECFP2	0.8273	0.1727	0.8214	0.6420	0.6134
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.7737	0.2263	0.7663	0.5323	0.7172
MUT_ci300400a_cdk_ESTATE	0.7590	0.2410	0.7503	0.4997	0.7407
MUT_ci300400a_cdk_EXTENDED	0.8201	0.1799	0.8151	0.6302	0.6315
MUT_ci300400a_cdk_FCFP2	0.8204	0.1796	0.8138	0.6249	0.6220
MUT_ci300400a_cdk_FCFP4	0.7842	0.2158	0.7764	0.5518	0.6973
MUT_ci300400a_cdk_FCFP6	0.7758	0.2242	0.7672	0.5323	0.7095
MUT_ci300400a_cdk_MACCS	0.8106	0.1894	0.8035	0.6040	0.6406
MUT_ci300400a_cdk_PUBCHEM	0.8347	0.1653	0.8289	0.6541	0.5863
MUT_ci300400a_cdk_STANDARD	0.8132	0.1868	0.8098	0.6188	0.6433
MUT_ci300400a_rdkit_descriptors	0.7982	0.2018	0.7924	0.5835	0.6692
myocardial	0.8412	0.0397	0.1368	0.1032	0.1879
naticusdroid	0.9666	0.0334	0.9666	0.9332	0.1969
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.1667	0.0000	0.3261
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8763	0.0130	0.2215	0.6273	0.2954
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6521	0.3479	0.6507	0.3013	0.8783
NHANES_age_prediction	0.9956	0.0044	0.9917	0.9833	0.0224
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.3355	0.0350	0.5595
nursery	0.9861	0.0056	0.7832	0.9797	0.0451
obesity	0.6540	0.0988	0.6290	0.5945	0.2383
obs	0.8796	0.0602	0.9053	0.8219	0.1928
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9891	0.0054	0.9660	0.9670	0.0436
oh0-wc	0.7624	0.0475	0.6760	0.7261	0.1850
oh10-wc	0.6952	0.0610	0.6968	0.6523	0.3042
oh15-wc	0.6304	0.0739	0.5472	0.5794	0.3056
oh5-wc	0.7473	0.0505	0.6272	0.7129	0.1957
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9298	0.0156	0.9224	0.9124	0.0514
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9128	0.0174	0.9172	0.9031	0.1131

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.3250	0.0338	0.2167	0.3077	0.1459
orlraws10P	0.5000	0.1000	0.3939	0.4444	0.1509
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8351	0.1649	0.8150	0.6299	0.6180
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8823	0.7621	0.4761
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.7090	0.8384	0.1782
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.8104	0.1896	0.8230	0.6230	0.5817
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.9104	0.0896	0.8977	0.7896	0.4446
particle10%	0.9046	0.0954	0.8807	0.7610	0.4591
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.4845	0.5155	0.4773	-0.0451	0.9992
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8947	0.1053	0.8596	0.7193	0.5115
pediatric-leukemia	0.2647	0.2101	0.1078	0.0608	0.4367
pendigits	0.8872	0.0226	0.8914	0.8746	0.1479
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8134	0.1866	0.7976	0.5911	0.6408
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9300	0.0700	0.9202	0.8367	0.3152
phishing	0.9714	0.0286	0.9700	0.9399	0.1774
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%	0.1525	0.2421	0.0378	0.0000	0.4012
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1371	0.2465	0.0345	0.0000	0.4035
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8111	0.1889	0.7785	0.5543	0.6794
phy	0.5676	0.4324	0.5896	0.1382	0.8245
pima	0.6842	0.3158	0.6558	0.2897	0.8130
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.8421	0.1579	0.8623	0.6885	0.4011
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5337	0.0933	0.1098	0.1241	0.2729
poker10%	0.5297	0.0941	0.1078	0.1064	0.2709
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9408	0.0592	0.7088	0.3403	0.4176
polya	0.7546	0.2454	0.7298	0.4591	0.7608
popularity	0.6600	0.2266	0.4066	0.1729	0.4482
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9097	0.0361	0.9108	0.8871	0.1666

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6768	0.3529	0.8487
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2727	0.0661	0.1215	0.2104	0.2246
processed	0.9993	0.0007	0.9992	0.9985	0.0086
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9314	0.0274	0.8832	0.9080	0.1605
puc-rio10%	0.9107	0.0357	0.8488	0.8798	0.1786
pufs-1281%	0.5092	0.4908	0.5102	0.0182	0.9572
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.7200	0.0431	0.3409	0.6244	0.2797
re1-wc	0.5723	0.0342	0.1460	0.4945	0.2347
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9859	0.0141	0.9858	0.9716	0.1012
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6386	0.3614	0.6088	0.2009	0.8707
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8709	0.0430	0.8502	0.8407	0.2042
satimageF	0.9860	0.0140	0.9642	0.9283	0.1993
satimageT	0.9440	0.0560	0.8281	0.6375	0.3874
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9482	0.9291	0.0644
segmentation	0.8168	0.1832	0.7998	0.5995	0.6515
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.8108	0.0344	0.8139	0.7918	0.1615
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9051	0.0949	0.8026	0.5970	0.5251
shuttle	0.9952	0.0014	0.4262	0.9863	0.0067
sick	0.9682	0.0318	0.8596	0.7107	0.3441
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9996	0.0004	0.9993	0.9986	0.0106
skin10%	0.9988	0.0012	0.9981	0.9963	0.0155
smarket	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smart-farming	0.2200	0.3900	0.1463	-0.0541	0.5750
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7050	0.0983	0.5136	0.6188	0.1761
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.6618	0.0356	0.2835	0.6224	0.1458
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9196	0.0804	0.9156	0.8310	0.3774
spect	0.7778	0.2222	0.6786	0.3571	0.7720
spectf	0.9714	0.0286	0.9651	0.9278	0.1112
spectrometer	0.4423	0.0413	0.2119	0.4021	0.2004
splice-EI	0.9716	0.0284	0.9622	0.9244	0.2028
splice-IE	0.9211	0.0789	0.8963	0.7904	0.4441
sport-articles	0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored	0.8000	0.1333	0.6061	0.6667	0.1393
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.8216	0.1189	0.7860	0.7087	0.3554
steel-b	0.8410	0.1590	0.7504	0.4989	0.6702
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.7949	0.2051	0.7681	0.5324	0.6875
steel-p	0.9282	0.0718	0.7617	0.5234	0.5906
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8958	0.1042	0.8125	0.6194	0.5344
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6200	0.1520	0.3483	0.3877	0.4318
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3600	0.2560	0.1059	0.0000	0.3283
student-weekend	0.3385	0.2646	0.1956	0.0705	0.5961
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.4107	0.2500	0.5416
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.8098	0.1902	0.8080	0.6151	0.6440
susy10%	0.7964	0.2036	0.7969	0.5835	0.6400
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6082	0.4000	0.5332
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9836	0.0030	0.9844	0.9820	0.0228
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7090	0.2910	0.6897	0.3543	0.7450
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	1.0000	0.0000	1.0000	1.0000	0.0000
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7536	0.3929	0.4155

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc	0.9024	0.0217	0.6997	0.8790	0.0630
trec12-wc	0.4839	0.1290	0.2452	0.3333	0.3044
trec21-wc	0.9394	0.0242	0.5748	0.8683	0.0464
trec23-wc	0.7143	0.0952	0.5391	0.6216	0.2397
trec31-wc	0.9355	0.0215	0.8511	0.9140	0.1049
trec41-wc	0.6591	0.0682	0.4302	0.5590	0.2316
trec45-wc	0.7826	0.0435	0.6383	0.7454	0.1762
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.8000	0.1000	0.8091	0.7333	0.2368
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8538	0.1462	0.8449	0.6645	0.4544
tvnews10%	0.8820	0.1180	0.8759	0.7504	0.4976
ur3_cobotops_grip	0.9687	0.0313	0.6733	0.2904	0.4515
ur3_cobotops_stop	0.9701	0.0299	0.7343	0.4085	0.3719
urban	0.7910	0.0464	0.7810	0.7548	0.1664
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.6905	0.1548	0.6928	0.5929	0.2726
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5152	0.0882	0.5070	0.4667	0.2492
vowelZ	0.9697	0.0303	0.9134	0.8254	0.3837
vrnormat310k-hg16-17	0.9189	0.0811	0.7113	0.4029	0.5737
wap-wc	0.4231	0.0577	0.1160	0.3335	0.2693
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	0.9524	0.0095	0.9667	0.9471	0.0265
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1469	0.2437	0.0366	0.0000	0.4023
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8140	0.1240	0.8194	0.7212	0.3860
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8222	0.1185	0.6545	0.6795	0.4756
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.8333	0.0833	0.4268	0.6667	0.1796
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0346
wilt	0.9938	0.0062	0.9699	0.9379	0.2404
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5094	0.1635	0.2457	0.2159	0.4441
winequality-white	0.5112	0.1396	0.2198	0.2514	0.4680
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9822	0.0051	0.8401	0.9775	0.0373
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.5000	0.0667	0.4978	0.4644	0.1368
yeast	0.5608	0.0878	0.3063	0.4305	0.3508
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
zip	0.8978	0.0204	0.8889	0.8855	0.1441

Table 372: Detailed results for MNBC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1247	0.0604	0.0599	0.0417	0.4600
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.7534	0.2466	0.5817	0.1012	0.4302
accelerometer	0.9794	0.0206	0.6492	0.2879	0.5460
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9756	0.0244	0.9482	0.8909	0.0862
adult	0.8262	0.1738	0.7943	0.5739	0.6407
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.7619	0.2381	0.4324	-0.1243	0.6321
AID_1431_KlekotaRothFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_MACCSFingerprinter	0.7222	0.2778	0.4194	-0.1360	0.5913
AID_1878	0.6000	0.4000	0.5731	0.1198	0.7144
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.3535	0.4310	0.3610	0.0019	0.4159
AID1284Morered	0.6944	0.3056	0.5563	0.1000	0.7073
AID1284red	0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered	0.8641	0.1359	0.6677	0.2986	0.5968
AID1608red	0.8447	0.1553	0.5755	0.1290	0.5613
AID362red	0.9579	0.0421	0.5481	0.0820	0.4481
AID373AID439red	0.9968	0.0032	0.4992	-0.0003	0.0750
AID373red	0.9279	0.0721	0.5591	0.0072	0.0303
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9599	0.0401	0.4898	-0.0056	0.1184
AID604	0.9806	0.0194	0.5546	0.0645	0.2766
AID604AID644_AllRed	0.9915	0.0085	0.4979	-0.0018	0.1648
AID644Morered	0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red	0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red	0.9952	0.0048	0.4988	-0.0011	0.1721
AID687red	0.9670	0.0330	0.5187	0.0126	0.1488
AID688red	0.9890	0.0110	0.5419	0.0587	0.4875
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.6667	0.3333	0.5950	0.1818	0.8134
AID746AID1284red	0.9958	0.0042	0.5510	0.0726	0.3254
AID746red	0.9829	0.0171	0.5167	0.0300	0.4351
aids	0.8685	0.1315	0.8114	0.6136	0.5496
air_pollution	0.4067	0.1695	0.1696	0.0068	0.3728
air-booking	0.8428	0.1572	0.6168	0.2063	0.7018
airline	0.8827	0.1173	0.8807	0.7614	0.4839
alcohol	0.6571	0.1371	0.2495	0.2323	0.6644
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8744	0.1256	0.8604	0.7159	0.4930
anneal	0.9213	0.0315	0.8760	0.8493	0.3319
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family	0.8971	0.0515	0.8573	0.8119	0.2782
anuran-genus	0.9013	0.0247	0.8280	0.8445	0.2709
anuran-species	0.9500	0.0100	0.9034	0.9307	0.1112
anxiety	0.0833	0.2037	0.0778	-0.0306	0.8417
apple-quality	0.6600	0.3400	0.6603	0.3200	0.8677
aps-failure	0.9217	0.0783	0.7250	0.2840	0.3765
arabidopsis	0.9821	0.0179	0.6047	0.1950	0.5040
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9816	0.0184	0.5975	0.1809	0.4986

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.7333	0.0410	0.5277	0.5937	0.2828
auction	0.9265	0.0735	0.8375	0.6747	0.5235
audiology	0.6957	0.0254	0.2068	0.6406	0.0773
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9429	0.0571	0.9311	0.8601	0.3467
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7500	0.0833	0.6222	0.6633	0.1910
avila	0.9885	0.0019	0.9401	0.9851	0.1210
babies	0.4435	0.1590	0.1465	0.1208	0.4266
balance	0.8065	0.1290	0.5571	0.6353	0.3211
bank	0.8560	0.1440	0.7128	0.4112	0.6642
banknote	0.8905	0.1095	0.8911	0.7801	0.4546
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8502	0.1498	0.8349	0.6650	0.5568
basehock	0.9799	0.0201	0.9799	0.9598	0.1334
bio	0.9920	0.0080	0.8208	0.6290	0.5213
bio10%	0.9911	0.0089	0.8097	0.6018	0.5323
biodeg	0.7810	0.2190	0.7716	0.5422	0.7076
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9865	0.0009	0.1251	0.3488	0.4402
bitcoin1%	0.9866	0.0009	0.0687	0.0924	0.0107
bitcoin10%	0.9872	0.0009	0.1116	0.3262	0.2532
body-perf	0.5746	0.2127	0.5699	0.4328	0.5787
bookings	0.9700	0.0200	0.7429	0.9375	0.0891
brain-tumor	0.5185	0.4815	0.5185	0.0370	0.9892
breast-cancer	0.7857	0.2143	0.7375	0.4750	0.7331
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.6501	0.5644	0.1954
bridges	0.9000	0.0286	0.6767	0.8571	0.0295
bub10at310k-hg16-17	0.7756	0.2244	0.6864	0.2898	0.5477
bub12at310k-hg16-17	0.7806	0.2194	0.6909	0.2989	0.5493
bub8at310k-hg16-17	0.7625	0.2375	0.6932	0.2896	0.5255
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4800	0.3467	0.2957	-0.0166	0.4742
car	0.8793	0.0603	0.6675	0.7448	0.3160
car-insurance	0.7870	0.2130	0.7585	0.5161	0.7154
card	0.8696	0.1304	0.8703	0.7231	0.4278
cardiotocography	0.7418	0.0516	0.7326	0.6974	0.3234
cardiotocography-nsp	0.8451	0.1033	0.7679	0.6240	0.4651
cardiovascular	0.7254	0.2746	0.7274	0.4507	0.7758
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6598	0.5536	0.5137
cas_N6512_cdk_ECFP2	0.6912	0.3088	0.6915	0.3821	0.8293
cas_N6512_rdkit_ATOMPAIR	0.6123	0.3877	0.6114	0.2226	0.9164
cas_N6512_RDkit_AtomPair_FP	0.6166	0.3834	0.6120	0.2231	0.9138
cas_N6512_rdkit_AVALON	0.6421	0.3579	0.6523	0.2943	0.8560
cas_N6512_RDkit_Avalon_FP	0.6472	0.3528	0.6594	0.3057	0.8430
cas_N6512_rdkit_descriptors	0.6046	0.3954	0.6038	0.2074	0.9232
cas_N6512_rdkit_FEATMORGAN	0.6728	0.3272	0.6776	0.3502	0.8388
cas_N6512_RDkit_Featmorgan_FP	0.7301	0.2699	0.7375	0.4653	0.7519
cas_N6512_RDkit_FP	0.5491	0.4509	0.5766	0.1295	0.8733
cas_N6512_rdkit_LAYERED	0.6415	0.3585	0.6438	0.2854	0.8814
cas_N6512_RDkit_Layered_FP	0.6242	0.3758	0.6272	0.2520	0.8969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.6482	0.3518	0.6561	0.3044	0.8572
cas_N6512_RDkit_MACCS_FP	0.6718	0.3282	0.6867	0.3552	0.8031
cas_N6512_rdkit_MORGAN	0.7215	0.2785	0.7220	0.4428	0.7891
cas_N6512_RDkit_morgan_FP	0.7040	0.2960	0.7059	0.4094	0.8088
cas_N6512_rdkit_PATTERN	0.6123	0.3877	0.6154	0.2284	0.9081
cas_N6512_RDkit_pattern_FP	0.6104	0.3896	0.6156	0.2272	0.9043
cas_N6512_rdkit_RDKITFP	0.5622	0.4378	0.5988	0.1584	0.8257
cas_N6512_rdkit_TORSION	0.7077	0.2923	0.7126	0.4194	0.7938
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.7976	0.1349	0.4390	0.3107	0.3878
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7254	0.2746	0.7336	0.4482	0.7364
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9063	0.0937	0.6808	0.3164	0.5558
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.7696	0.2304	0.5966	0.1161	0.4081
CDS49_AID687_Rdkit-ecfp4-fp	0.9918	0.0082	0.5405	0.0657	0.3802
census	0.7515	0.2485	0.6889	0.2375	0.4204
census10%	0.7353	0.2647	0.6857	0.2179	0.3883
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9070	0.0930	0.6417	0.2833	0.6614
cervical-C	0.8605	0.1395	0.4625	-0.0728	0.6099
cervical-H	0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S	0.8953	0.1047	0.7392	0.4691	0.6364
children-anemia	0.8272	0.0864	0.8247	0.7364	0.2356
chrom19	0.9932	0.0068	0.7043	0.2029	0.2728
chrom191%	0.9953	0.0047	0.7493	0.3320	0.3900
chrom1910%	0.9919	0.0081	0.6762	0.1671	0.2509
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9337	0.0663	0.7225	0.2510	0.1683
churn	0.8470	0.1530	0.7394	0.4634	0.6363
churn-bigml	0.8989	0.1011	0.7761	0.5410	0.5540
ci900367j_MACCS	0.6526	0.3474	0.6510	0.2963	0.8554
circles	0.8100	0.0038	0.7638	0.8081	0.0276
cirrhosis	0.5476	0.3016	0.5817	0.2692	0.6183
cjs	0.9429	0.0190	0.9415	0.9306	0.0893
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7648	0.1176	0.4901	0.6146	0.3207
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.7000	0.3000	0.6065	0.1573	0.5626
cmc	0.5578	0.2948	0.5492	0.3289	0.6893
cnae-9	0.9722	0.0062	0.9733	0.9688	0.0314
codon_usage	0.7007	0.0544	0.6519	0.6380	0.3619
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.8831	0.1169	0.8673	0.7258	0.5165
collins	0.8800	0.0160	0.7286	0.8670	0.0467
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.7586	0.2414	0.7208	0.3940	0.6569
colposcopies-2	0.6207	0.3793	0.5643	0.1163	0.9016
colposcopies-3	0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c	0.8276	0.1724	0.7539	0.5051	0.6759
column-2c	0.8065	0.1935	0.7786	0.5571	0.6825
column-3c	0.7419	0.1720	0.6745	0.5761	0.3562

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5365	0.4751	0.5298	0.0316	0.7815
comedy_comparisons1%	0.5101	0.4899	0.5060	0.0117	0.9885
comedy_comparisons10%	0.5591	0.4409	0.5574	0.1144	0.9610
connect-4	0.9498	0.0335	0.6224	0.4233	0.5004
cottonmeloidogyne	0.5938	0.4062	0.6376	0.1928	0.7121
coupon	0.6443	0.3557	0.6392	0.2783	0.8864
covid19	0.4996	0.1430	0.2296	0.1343	0.5504
covtype	0.6851	0.0900	0.5876	0.5071	0.5242
covtype10%	0.6842	0.0902	0.5952	0.5037	0.5213
covtypeCD	0.9354	0.0646	0.8743	0.7450	0.4854
covtypeT	0.9327	0.0673	0.8017	0.5846	0.5768
crabs	0.6500	0.1750	0.6640	0.5333	0.2755
creditcard_trans	0.9945	0.0055	0.7218	0.3301	0.4256
creditcard_trans10%	0.9968	0.0032	0.7165	0.3986	0.5172
crowdsourced	0.8903	0.0366	0.7441	0.7842	0.3979
cryotherapy	0.4444	0.5556	0.4500	-0.0976	1.0000
cultivars	0.2500	0.0375	0.1793	0.2312	0.1141
customer-churn	0.9802	0.0198	0.6509	0.1497	0.2583
cybersecurity	0.1633	0.2789	0.1627	-0.0066	0.8840
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.7222	0.2778	0.7215	0.3946	0.6793
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.8415	0.6286	0.5283
dating	0.1036	0.1793	0.1029	0.0039	0.9212
day1%	0.9286	0.0714	0.9221	0.8409	0.3188
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7753	0.2247	0.6776	0.3552	0.7731
defect	0.9167	0.0833	0.8308	0.6371	0.3960
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8637	0.1363	0.6799	0.3595	0.6948
depressed	0.8252	0.1748	0.5711	0.0850	0.6422
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.6972	0.3514	0.3854
dexter	0.9000	0.1000	0.9036	0.8000	0.3911
df_final	0.6250	0.2500	0.4736	0.4000	0.3766
DIA	0.7333	0.2667	0.6921	0.3725	0.7649
diabetes	0.8077	0.1923	0.8080	0.6084	0.6380
diabetes-100k	0.9260	0.0740	0.7482	0.4946	0.5882
diabetes-risk	0.8156	0.1844	0.6708	0.3047	0.6789
diabetic	0.5706	0.2863	0.4472	0.2168	0.7036
diabetic1%	0.5882	0.2745	0.3925	0.2125	0.5188
diabetic10%	0.5560	0.2960	0.4249	0.1736	0.6775
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.7099	0.8351	0.0660
diamonds_all	0.6450	0.1420	0.6278	0.5014	0.5188
dishonest	0.9062	0.0938	0.8890	0.7757	0.4232
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9814	0.0186	0.5547	0.0561	0.2360
dna1%	0.9710	0.0290	0.6273	0.0947	0.1876
dna10%	0.9876	0.0068	0.5211	0.0512	0.4611
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5894	0.4106	0.5856	0.1687	0.9334
dota210%	0.5553	0.4447	0.5511	0.1012	0.9629
drebin	0.8257	0.1743	0.8381	0.6519	0.5468
dropout	0.7291	0.1806	0.6841	0.5619	0.5208

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.4362	0.1611	0.3680	0.1438	0.5639
drug-02	0.5053	0.1413	0.2867	0.2104	0.5558
drug-03	0.6968	0.0866	0.1843	0.0267	0.1913
drug-04	0.4521	0.1565	0.2523	0.1016	0.5584
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.2598	0.2755	0.5624
drug-07	0.4309	0.1626	0.1631	0.0945	0.4476
drug-08	0.4734	0.1505	0.2112	0.0992	0.5011
drug-09	0.7872	0.0608	0.1441	0.0613	0.2916
drug-10	0.5372	0.1322	0.2235	0.2039	0.4977
drug-11	0.7660	0.0669	0.1459	0.0843	0.4670
drug-12	0.7234	0.0790	0.1881	0.0688	0.4531
drug-13	0.6011	0.1140	0.2773	0.2963	0.4963
drug-14	0.5691	0.1231	0.3021	0.2941	0.5110
drug-15	0.6755	0.0927	0.1884	0.1251	0.3823
drug-16	0.5851	0.1185	0.2666	0.3317	0.4519
drug-17	0.3670	0.1809	0.1999	0.1371	0.5691
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6489	0.1003	0.1573	0.0909	0.4914
drybean	0.8942	0.0302	0.8979	0.8720	0.1597
ecoli	0.8235	0.0441	0.5165	0.7569	0.1571
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7576	0.2424	0.6984	0.3917	0.7633
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2798	0.0397	0.8327
eeg	0.2812	0.0899	0.3251	0.2308	0.7073
eeg-eye	0.6709	0.3291	0.6641	0.3226	0.8491
eeg10%	0.2707	0.0912	0.2933	0.2161	0.6848
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5068	0.1973	0.5388	0.3755	0.5165
euthyroid	0.9241	0.0759	0.8231	0.6339	0.5664
exon.vs.intron-freq	0.8927	0.1073	0.8938	0.7835	0.4306
exon.vs.intron-freq10%	0.8926	0.1074	0.8932	0.7835	0.4372
fakenews	0.5200	0.4800	0.5199	0.0398	0.9883
farm-ads	0.6111	0.3889	0.6847	0.2560	0.6038
fbis-wc	0.6016	0.0469	0.5644	0.5592	0.3213
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5294	0.4706	0.5367	0.0713	0.9627
financial-risk	0.7110	0.0963	0.4867	0.5240	0.3071
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.6500	0.0875	0.3717	0.5513	0.2140
fonts	0.0830	0.0120	0.0912	0.0768	0.4541
fonts10%	0.1483	0.0111	0.0613	0.1289	0.4083
forest	0.9038	0.0481	0.8898	0.8686	0.1599
gas	0.7793	0.0736	0.7818	0.7346	0.3004
gastrointestinal	0.6875	0.2083	0.7174	0.5000	0.3613
gender	0.5305	0.3130	0.4278	0.1359	0.7433
gene	0.8991	0.0673	0.8873	0.8385	0.2830
german	0.6800	0.3200	0.6394	0.2777	0.8636
gestures	0.9084	0.0458	0.9083	0.8779	0.1915
gina	0.7983	0.2017	0.7994	0.5955	0.6574
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8571	0.0476	0.7789	0.7968	0.1068
glass-g2	0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP	0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.3000	0.1429	0.0000	0.3039
glioma-grade	0.8571	0.1429	0.8571	0.7108	0.5408
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.5181	0.2857	0.5374
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.2434	0.1261	0.2348	0.2003	0.3173
har	0.8639	0.0544	0.8634	0.8287	0.2486
har70	0.8926	0.0307	0.5434	0.8410	0.1697
har701%	0.8783	0.0348	0.5385	0.8218	0.1850
har7010%	0.8899	0.0315	0.5370	0.8372	0.1881
harth	0.8717	0.0240	0.6493	0.8349	0.2367
harth1%	0.8243	0.0293	0.4598	0.7610	0.3475
harth10%	0.8246	0.0292	0.4670	0.7615	0.3107
hayes-roth	0.3750	0.4167	0.2790	-0.0458	0.6275
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure	0.9600	0.0400	0.9532	0.9059	0.2248
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.8275	0.1825	0.8114	0.6303	0.6349
hepmass1%	0.8087	0.1913	0.8096	0.6170	0.6407
hepmass10%	0.8076	0.1924	0.8088	0.6149	0.6415
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.6715	0.3294	0.6790	0.3423	0.8487
higgs0.1%	0.6536	0.3464	0.6521	0.3042	0.8768
higgs1%	0.6522	0.3478	0.6504	0.3007	0.8785
higgs10%	0.6649	0.3351	0.6629	0.3255	0.8640
higher	0.2143	0.1964	0.1556	0.0778	0.3795
hinselmann	0.5000	0.5000	0.5000	0.0000	0.7460
hitters	0.7188	0.2812	0.7345	0.4462	0.7305
hiv1-proteasa	0.9191	0.0809	0.8508	0.6994	0.4743
hiva	0.8889	0.1111	0.6010	0.1589	0.4826
horse	0.6944	0.2037	0.6779	0.4962	0.5753
hotel-reservartions	0.8087	0.1913	0.7780	0.5544	0.6729
hr	0.8386	0.1614	0.5152	0.0211	0.7166
ht-sensor	0.8305	0.1130	0.8334	0.7455	0.3631
ht-sensor10%	0.7966	0.1356	0.8001	0.6950	0.4112
htru2	0.9637	0.0363	0.8978	0.7937	0.4212
hypothyroid	0.9788	0.0106	0.6928	0.8817	0.2262
hypothyroidT	0.9496	0.0504	0.8144	0.6275	0.4988
ilpd	0.6102	0.3898	0.5644	0.1262	0.8876
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9527	0.0237	0.9530	0.9369	0.0875
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	0.8667	0.0889	0.8500	0.7973	0.2122
irish	0.9800	0.0200	0.9802	0.9596	0.1220
isolet	0.0475	0.0733	0.0727	0.0093	0.4164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.6970	0.3030	0.6460	0.2655	0.7357
jvowels	0.8464	0.0341	0.8413	0.8259	0.2095
kc1	0.6919	0.3081	0.6405	0.2373	0.6718
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.5000	0.0417	0.0324	0.1327	0.1345
kc1-class-level-top5percentDF	0.5333	0.4667	0.3478	-0.1290	0.3873
kc2	0.8077	0.1923	0.8159	0.5674	0.5244
kdc-4007	0.8379	0.0405	0.7432	0.8106	0.2047
kddcup98	0.7743	0.2257	0.5382	0.0490	0.4329
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9047	0.0953	0.5244	0.0488	0.6440
kddcup99	0.9972	0.0002	0.4716	0.9952	0.2213
kddcup991%	0.9923	0.0007	0.3823	0.9870	0.1470
kddcup9910%	0.9954	0.0004	0.5204	0.9923	0.2069
kepler	0.8117	0.1255	0.7604	0.6922	0.3721
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.3540	0.0718	0.3069	0.2673	0.5321
krvskp	0.8966	0.1034	0.8963	0.7926	0.4423
la1s-wc	0.6032	0.1323	0.6331	0.5142	0.3974
la2s-wc	0.6291	0.1236	0.6652	0.5437	0.3643
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.5294	0.0235	0.2752	0.5117	0.0734
led24	0.6500	0.0700	0.6322	0.6034	0.1506
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7320	0.0206	0.7391	0.7211	0.2663
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.7500	0.0333	0.7636	0.7325	0.1036
linkage	0.9998	0.0002	0.9892	0.9782	0.0011
linkage1%	0.9995	0.0005	0.9634	0.9266	0.1329
linkage10%	0.9998	0.0002	0.9866	0.9729	0.0013
liver	0.6471	0.3529	0.5776	0.1535	0.9051
loan	0.9696	0.0304	0.9687	0.9361	0.1901
localization	0.5096	0.0892	0.2692	0.3682	0.5436
localization10%	0.4854	0.0936	0.2610	0.3374	0.6054
lrs	0.7547	0.0491	0.3908	0.6668	0.1948
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7857	0.1071	0.6342	0.6147	0.2542
lymphoma2	0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.6154	0.3846	0.6161	0.2308	0.9110
magic04	0.7770	0.2230	0.7459	0.4640	0.6627
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.9062	0.0938	0.9087	0.8130	0.3927
marketing	0.7902	0.2098	0.6954	0.3641	0.6840
maternal	0.6238	0.2508	0.6221	0.4234	0.5422
math	0.6500	0.1750	0.5581	0.4761	0.4648
mba	0.8161	0.1226	0.4065	0.2066	0.3984
mental-disorders	1.0000	0.0000	1.0000	1.0000	0.0000
mental-health	0.1967	0.3213	0.1997	-0.0063	0.8658

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6261	0.3739	0.6244	0.2479	0.8998
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.9400	0.0120	0.9406	0.9333	0.0682
mfeat-fou	0.7400	0.0520	0.7415	0.7111	0.2296
mfeat-kar	0.9200	0.0160	0.9226	0.9111	0.0901
mfeat-mor	0.6700	0.0660	0.6672	0.6333	0.2290
mfeat-pix	0.9400	0.0120	0.9402	0.9333	0.0677
mfeat-zer	0.6900	0.0620	0.6843	0.6556	0.2608
mice-prot	0.9537	0.0116	0.9570	0.9470	0.0534
milk	0.8491	0.1006	0.8413	0.7664	0.3469
mines	0.4118	0.2353	0.3768	0.2625	0.4328
mobile	0.9021	0.0035	0.9078	0.9003	0.0458
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7679	0.2321	0.7886	0.5285	0.5651
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9287	0.0713	0.9311	0.8566	0.2962
music	0.4800	0.0945	0.5028	0.3871	0.5482
musk	0.9045	0.0955	0.8152	0.6303	0.5595
MUT_ci300400a_cdk_ECFP2	0.7458	0.2542	0.7416	0.4824	0.7582
MUT_ci300400a_cdk_ECFP4	0.7281	0.2719	0.7342	0.4592	0.7568
MUT_ci300400a_cdk_ECFP6	0.7006	0.2994	0.7021	0.3997	0.8072
MUT_ci300400a_cdk_ESTATE	0.6631	0.3369	0.6523	0.3046	0.8703
MUT_ci300400a_cdk_EXTENDED	0.6595	0.3405	0.6615	0.3187	0.8541
MUT_ci300400a_cdk_FCFP2	0.7102	0.2898	0.7001	0.3999	0.8134
MUT_ci300400a_cdk_FCFP4	0.7290	0.2710	0.7234	0.4464	0.7845
MUT_ci300400a_cdk_FCFP6	0.7230	0.2770	0.7287	0.4487	0.7656
MUT_ci300400a_cdk_MACCS	0.6559	0.3441	0.6550	0.3074	0.8642
MUT_ci300400a_cdk_PUBCHEM	0.6850	0.3150	0.6806	0.3602	0.8382
MUT_ci300400a_cdk_STANDARD	0.6754	0.3246	0.6816	0.3554	0.8258
MUT_ci300400a_rdkit_descriptors	0.6955	0.3045	0.6920	0.3832	0.8261
myocardial	0.8471	0.0382	0.3843	0.4275	0.6530
naticusdroid	0.9311	0.0689	0.9313	0.8623	0.3325
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.1667	0.1852	0.0317	0.0000	0.3342
ncRNA	0.8727	0.0134	0.6388	0.7093	0.9223
ncRNA1%	0.7648	0.0248	0.3989	0.5197	0.8422
ncRNA10%	0.8139	0.0196	0.5529	0.6037	0.8066
neo	0.7872	0.2128	0.7483	0.3815	0.5007
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.1313	0.0395	0.1223	0.1077	0.3937
newspop	0.6458	0.3542	0.6430	0.2852	0.8845
NHANES_age_prediction	0.8414	0.1586	0.6619	0.3128	0.7103
nomao	0.8781	0.1219	0.8595	0.7149	0.5341
NPHA-doctor-visits	0.4861	0.3426	0.3025	-0.0242	0.5636
nursery	0.9267	0.0293	0.6949	0.8920	0.1219
obesity	0.7583	0.0691	0.7661	0.7175	0.2482
obs	0.9259	0.0370	0.9328	0.8922	0.1800
occupancy	0.9835	0.0165	0.9768	0.9535	0.1469
Occupancy_Estimation	0.9773	0.0114	0.9345	0.9324	0.1574
oh0-wc	0.7921	0.0416	0.7370	0.7581	0.1537
oh10-wc	0.6857	0.0629	0.6492	0.6353	0.2304
oh15-wc	0.7065	0.0587	0.6302	0.6590	0.2000
oh5-wc	0.6813	0.0637	0.6817	0.6340	0.2200

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.7384	0.0523	0.7235	0.7067	0.3224
olive	0.9123	0.0195	0.8759	0.8897	0.0489
opn310k	0.7920	0.2080	0.6980	0.3160	0.5563
opn310k10%	0.7893	0.2107	0.6883	0.2987	0.5553
opnat310k-hg16-17	0.7963	0.2037	0.7000	0.3219	0.5600
optdigits	0.9288	0.0142	0.9327	0.9209	0.0914
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.8182	0.1818	0.6852	0.2100	0.3554
ozone8hr	0.7470	0.2530	0.6387	0.1933	0.4967
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7010	0.2990	0.7250	0.4155	0.7191
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8333	0.1667	0.8396	0.6690	0.5613
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9488	0.0205	0.7854	0.7601	0.5241
parkinson	0.9583	0.0417	0.9592	0.9151	0.2119
parkinsons	0.8626	0.1374	0.8553	0.6923	0.4566
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.8636	0.1364	0.8443	0.6822	0.5652
particle10%	0.8577	0.1423	0.8361	0.6668	0.5814
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.7027	0.2973	0.5697	0.0895	0.4749
pcmac	0.4691	0.5309	0.4409	-0.1169	1.0000
pcos	0.9967	0.0033	0.9949	0.9896	0.0572
pd	0.7500	0.2500	0.6963	0.3871	0.7682
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9026	0.0195	0.9075	0.8918	0.1128
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8047	0.1953	0.7952	0.5895	0.6670
personalities	0.9043	0.0120	0.9043	0.8980	0.1432
pet-adoption	0.9150	0.0850	0.9031	0.7993	0.3489
phishing	0.9306	0.0694	0.9269	0.8530	0.3329
PhiUSIIL	1.0000	0.0000	1.0000	0.9998	0.0000
PhiUSIIL10%	0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc	0.9943	0.0015	0.9962	0.9913	0.0099
phone-acc0.1%	0.9786	0.0061	0.9778	0.9749	0.0402
phone-acc1%	0.9948	0.0015	0.9946	0.9939	0.0119
phone-acc10%	0.9964	0.0010	0.9963	0.9958	0.0088
phone-gyr	1.0000	0.0001	1.0000	1.0000	0.0012
phone-gyr0.1%	0.9871	0.0037	0.9867	0.9849	0.0257
phone-gyr1%	0.9979	0.0006	0.9978	0.9976	0.0058
phone-gyr10%	0.9964	0.0010	0.9962	0.9958	0.0083
phoneme	0.7833	0.2167	0.7721	0.5255	0.6757
phy	0.6802	0.3198	0.6802	0.3603	0.8457
pima	0.6842	0.3158	0.6628	0.3234	0.8489
pirvision	0.9406	0.0396	0.8801	0.8264	0.2766
placement	0.7830	0.2170	0.7787	0.5571	0.6997
plant-growth	0.7895	0.2105	0.7978	0.5824	0.6422
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker	0.4997	0.1001	0.0666	0.0000	0.1726
poker1%	0.5005	0.0999	0.1005	0.0129	0.2346
poker10%	0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st	0.7866	0.2134	0.6514	0.1635	0.3491
polish-2nd	0.7266	0.2734	0.5787	0.0728	0.3182
polish-3rd	0.7238	0.2762	0.5940	0.0978	0.3625

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.7837	0.2163	0.6517	0.1938	0.4294
polish-5th	0.8477	0.1523	0.6744	0.2968	0.5746
polya	0.7492	0.2508	0.7335	0.4657	0.7609
popularity	0.5690	0.2873	0.4872	0.2398	0.6834
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9307	0.0277	0.9304	0.9134	0.1384
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7119	0.4118	0.7818
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.4545	0.0496	0.2296	0.4024	0.1974
processed	0.8573	0.1427	0.8353	0.6705	0.5734
profb	0.7015	0.2985	0.6338	0.2539	0.8319
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.9112	0.0355	0.8568	0.8810	0.1912
puc-rio10%	0.9113	0.0355	0.8504	0.8811	0.1838
pufs-128	0.5031	0.5040	0.4986	-0.0034	1.0000
pufs-1281%	0.5080	0.4920	0.5080	0.0160	0.9953
pufs-12810%	0.4995	0.5005	0.4995	-0.0010	1.0000
pufs-64	0.5019	0.4981	0.5019	0.0038	0.9980
pufs-641%	0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%	0.5017	0.4983	0.5017	0.0033	0.9990
pulsar	0.9721	0.0279	0.9186	0.8369	0.3489
raisin	0.8889	0.1111	0.8893	0.7778	0.4596
rcv1	0.6144	0.0146	0.2154	0.5563	0.2436
rcv11%	0.3074	0.0261	0.0408	0.1309	0.2999
rcv110%	0.4766	0.0198	0.1036	0.3730	0.2794
re0-wc	0.6533	0.0533	0.2640	0.5013	0.3361
re1-wc	0.5964	0.0323	0.2134	0.5090	0.2198
rejafada	0.9447	0.0553	0.4858	-0.0263	0.6354
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.7096	0.0089	0.0667	0.5646	0.1777
rice	0.9813	0.0187	0.9812	0.9622	0.1187
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6154	0.3846	0.6008	0.2015	0.9182
RT_IOT2022	0.9874	0.0021	0.8339	0.9684	0.0457
satimage	0.8180	0.0607	0.8044	0.7776	0.2442
satimageF	0.9860	0.0140	0.9632	0.9255	0.1348
satimageT	0.8694	0.1306	0.7698	0.4950	0.5972
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.7821	0.2179	0.5393	0.0596	0.5186
secondary_mushroom	0.7942	0.2058	0.7940	0.5866	0.6731
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9134	0.0247	0.9189	0.8988	0.1222
segmentation	0.7624	0.2376	0.7592	0.5094	0.7163
segmentO	0.9913	0.0087	0.9834	0.9663	0.1466
seismic	0.8178	0.1822	0.6408	0.2220	0.5379
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.7421	0.2579	0.5597	0.1125	0.7266
sens-10-gram	0.7323	0.2677	0.6143	0.2024	0.6845
sens-2-gram	0.7237	0.2763	0.5939	0.1660	0.6871
sens-3-gram	0.6842	0.3158	0.6098	0.1769	0.6386
sens-4-gram	0.6605	0.3395	0.5567	0.0922	0.6587
sens-5-gram	0.7158	0.2842	0.5897	0.1569	0.6831
sens-6-gram	0.7447	0.2553	0.5545	0.1036	0.7320

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.7789	0.2211	0.6080	0.2075	0.7256
sens-8-gram	0.7079	0.2921	0.5480	0.0862	0.7038
sens-9-gram	0.7421	0.2579	0.5978	0.1783	0.7008
sensorless	0.9855	0.0026	0.9855	0.9840	0.0247
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8500	0.1500	0.7679	0.5187	0.6463
shuttle	0.9950	0.0014	0.8050	0.9860	0.1861
sick	0.9523	0.0477	0.8144	0.6282	0.5310
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9442	0.0558	0.9147	0.8292	0.3582
skin10%	0.9408	0.0592	0.9083	0.8160	0.3608
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1800	0.4100	0.1721	-0.0998	0.8709
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6998	0.3002	0.7152	0.4083	0.7558
soil_pollution	0.2067	0.3173	0.2101	0.0066	0.8622
solar-flare	0.7338	0.0887	0.6300	0.6613	0.2430
sonar	0.7000	0.3000	0.7185	0.4000	0.7215
soybean	0.9412	0.0062	0.9508	0.9356	0.0472
spam-detection	0.9195	0.0805	0.6924	0.2812	0.4158
spambase	0.8935	0.1065	0.8880	0.7736	0.4418
spect	0.6667	0.3333	0.6421	0.2569	0.7546
spectf	0.7429	0.2571	0.7906	0.5039	0.5239
spectrometer	0.4340	0.0236	0.1763	0.3954	0.1641
splice-EI	0.9495	0.0505	0.9345	0.8684	0.3264
splice-IE	0.8801	0.1199	0.8465	0.6882	0.5564
sport-articles	0.7500	0.2500	0.7645	0.5051	0.6855
squash-stored	0.4000	0.4000	0.3810	0.0625	0.5233
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.9677	0.0323	0.9647	0.9291	0.1905
steel_industry	0.8154	0.1231	0.7872	0.7045	0.3693
steel-b	0.6923	0.3077	0.6867	0.3266	0.6925
steel-d	0.9795	0.0205	0.8280	0.6561	0.4708
steel-k	0.9590	0.0410	0.9361	0.8718	0.2764
steel-o	0.6462	0.3538	0.6849	0.3288	0.7504
steel-p	0.7949	0.2051	0.6668	0.2654	0.5577
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9333	0.0667	0.8528	0.6871	0.5336
stellar	0.9233	0.0511	0.9140	0.8660	0.2202
stock	0.9583	0.0417	0.9353	0.8672	0.3451
stockb	0.9824	0.0117	0.9824	0.9736	0.0530
streaming	0.7640	0.2360	0.7603	0.5176	0.7229
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.5550	0.1780	0.3179	0.3126	0.4531
student-depression	0.8280	0.1720	0.8216	0.6422	0.6119
student-habits	0.3800	0.2480	0.1794	0.0331	0.5944
student-weekend	0.3385	0.2646	0.2973	0.1317	0.7281
student-workday	0.6719	0.1313	0.2850	0.3069	0.4849
studentap	0.7692	0.1538	0.7528	0.6455	0.3468
susy	0.7196	0.2763	0.7108	0.4312	0.8053
susy1%	0.7538	0.2462	0.7512	0.5000	0.7398
susy10%	0.7524	0.2476	0.7498	0.4968	0.7413
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6063	0.4000	0.5219
telco-churn	0.8750	0.1250	0.8453	0.6891	0.5577
texture	0.7873	0.0387	0.7970	0.7656	0.2038

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.8085	0.1915	0.8026	0.5938	0.6180
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.6842	0.3158	0.6361	0.2707	0.8619
tis	0.8571	0.1429	0.8298	0.6496	0.5885
tis10%	0.8060	0.1940	0.7387	0.4773	0.7164
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.6250	0.1250	0.2411	0.4146	0.1603
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.5294	0.4706	0.6034	0.1605	0.7799
toxicity-13f	0.8824	0.1176	0.8759	0.7213	0.2987
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.5934	0.1848	0.8446
trec11-wc	0.2927	0.1572	0.2263	0.1912	0.3467
trec12-wc	0.4839	0.1290	0.3114	0.3516	0.2674
trec21-wc	0.4545	0.1818	0.1412	-0.1020	0.4247
trec23-wc	0.2857	0.2381	0.1340	0.0922	0.4073
trec31-wc	0.6452	0.1014	0.3208	0.4839	0.2776
trec41-wc	0.5000	0.1000	0.3228	0.4047	0.3167
trec45-wc	0.4058	0.1188	0.3717	0.2989	0.2968
tuandromd	0.9552	0.0448	0.9287	0.8560	0.2794
turkish	0.6750	0.1625	0.6751	0.5667	0.3858
tvnews	0.8353	0.1647	0.8199	0.6381	0.6035
tvnews1%	0.8538	0.1462	0.8407	0.6764	0.5449
tvnews10%	0.8358	0.1642	0.8209	0.6401	0.6020
ur3_cobotops_grip	0.9483	0.0517	0.6632	0.3187	0.5928
ur3_cobotops_stop	0.9415	0.0585	0.7214	0.4136	0.5750
urban	0.7761	0.0498	0.7946	0.7379	0.1838
urinalysis	0.9021	0.0979	0.6674	0.3149	0.6086
url-rep1%	0.9270	0.0730	0.9173	0.8335	0.3533
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.5476	0.2262	0.5291	0.3993	0.4939
vehicleVAN	0.7857	0.2143	0.7865	0.5325	0.6201
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.9070	0.0930	0.9085	0.8134	0.3899
vowel	0.4242	0.1047	0.4410	0.3667	0.3344
vowelZ	0.9798	0.0202	0.9363	0.8642	0.0715
vrnormat310k-hg16-17	0.8537	0.1463	0.7296	0.4113	0.6033
wap-wc	0.5769	0.0423	0.3331	0.5250	0.2120
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.9950	0.0014	0.9956	0.9942	0.0090
watch-acc1%	0.9904	0.0027	0.9903	0.9888	0.0226
watch-acc10%	0.9986	0.0004	0.9985	0.9983	0.0043
watch-gyr	0.9996	0.0001	0.9996	0.9995	0.0014
watch-gyr1%	0.9813	0.0053	0.9825	0.9781	0.0310
watch-gyr10%	0.9991	0.0003	0.9991	0.9990	0.0027
water_pollution	0.2033	0.3983	0.2044	-0.0626	0.8903
waveform	0.8020	0.1320	0.8148	0.7031	0.3537
weather-related	0.9423	0.0105	0.9467	0.9348	0.0855
web-phishing	0.8222	0.1185	0.6398	0.6697	0.3924
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9959	0.0016	0.9958	0.9948	0.0119
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5535	0.1488	0.3164	0.2948	0.4497
winequality-white	0.4622	0.1537	0.2438	0.2187	0.5650
winnipeg	0.9646	0.0101	0.9348	0.9553	0.1433
winnipeg10%	0.9610	0.0111	0.9155	0.9508	0.1643
wisc_bc	0.9649	0.0351	0.9643	0.9261	0.2027
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5270	0.0946	0.3466	0.3880	0.3690
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.8290	0.0342	0.8153	0.8084	0.2207

Table 373: Detailed results for MONMLP

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1271	0.0602	0.0806	0.0440	0.4534
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8516	0.1484	0.7815	0.5554	0.6097
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.8730	0.1270	0.5243	0.0464	0.7227
AID_1878	0.8000	0.2000	0.6964	0.3880	0.7318
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7222	0.2778	0.5709	0.1304	0.7210
AID1284red	0.7778	0.2222	0.6049	0.2044	0.7424
AID1608Morered	0.8252	0.1748	0.5561	0.0982	0.5898
AID1608red	0.8738	0.1262	0.4663	-0.0669	0.6366
AID362red	0.9860	0.0140	0.6532	0.2447	0.4187
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9992	0.0008	0.7367	0.2855	0.0047
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9988	0.0012	0.4997	-0.0003	0.4066
AID644Morered	0.5500	0.4500	0.4886	-0.0227	0.9383
AID644red	0.5000	0.5000	0.4553	-0.0870	0.9393
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9967	0.0033	0.4992	-0.0006	0.3287
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8685	0.1315	0.8105	0.6081	0.5366
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8494	0.1506	0.4937	-0.0005	0.3556
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8000	0.0800	0.2979	0.5318	0.1832
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8307	0.6612	0.5874
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9555	0.0223	0.9167	0.9159	0.1531
anuran-genus	0.9416	0.0146	0.6875	0.9027	0.1406
anuran-species	0.8875	0.0225	0.5370	0.8409	0.0874
anxiety	0.1000	0.2000	0.0328	-0.0106	0.4768
apple-quality	0.9050	0.0950	0.9079	0.8100	0.3829
aps-failure	0.9920	0.0080	0.8824	0.7640	0.3437
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.5556	0.0684	0.1677	0.2314	0.3268
auction	0.9559	0.0441	0.8953	0.7672	0.1317
audiology	0.5652	0.0362	0.1438	0.4878	0.0965
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9310	0.0690	0.9354	0.8626	0.2605
autos	0.8000	0.0667	0.6591	0.7333	0.1754
avila	0.5865	0.0689	0.3375	0.4174	0.3033
babies	0.5323	0.1336	0.1749	0.2572	0.3455
balance	0.8871	0.0753	0.7647	0.8002	0.3634
bank	0.9116	0.0884	0.7720	0.5434	0.5910
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8986	0.1014	0.8892	0.7774	0.4426
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9972	0.0028	0.9153	0.8270	0.2022
bio10%	0.9959	0.0041	0.8930	0.7836	0.4083
biodeg	0.8952	0.1048	0.8935	0.7831	0.4500
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7739	0.5455	0.6636
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.5880	0.6598	0.1537
bridges	0.5000	0.1429	0.3377	0.3590	0.2423
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8966	0.0517	0.8452	0.7932	0.2976
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography	0.7418	0.0516	0.4774	0.6841	0.2076
cardiotocography-nsp	0.8967	0.0689	0.8188	0.7011	0.3444
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0106
cars	0.7750	0.1500	0.6933	0.5900	0.4215
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7662	0.2338	0.7642	0.5277	0.7239
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.7761	0.2239	0.7749	0.5497	0.7086
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8505	0.0997	0.4273	0.1970	0.3091
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7794	0.5587	0.6885
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9573	0.0427	0.7352	0.4696	0.5650
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.6204	0.1732	0.4871
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9767	0.0233	0.9104	0.8208	0.3445
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9302	0.0698	0.6880	0.3645	0.6070
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9997	0.0003	0.9170	0.8298	0.1789
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9991	0.0009	0.8132	0.6186	0.5081
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8550	0.1450	0.7529	0.4872	0.6061
churn-bigml	0.8652	0.1348	0.7585	0.5114	0.6546
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0400	0.0192	0.0031	0.0303	0.3073
cirrhosis	0.7857	0.1429	0.5347	0.5762	0.3577
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8157	0.0921	0.7615	0.7185	0.3191
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.6054	0.2630	0.5797	0.3778	0.6511
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8235	0.0321	0.4440	0.7829	0.1807
coil20	0.6736	0.0326	0.6131	0.6568	0.0770
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	0.4600	0.0720	0.2320	0.3962	0.2542
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2	0.5172	0.4828	0.4451	-0.1033	0.9975
colposcopies-3	0.7586	0.2414	0.7549	0.5085	0.7375
colposcopies-4	0.6552	0.3448	0.6009	0.1989	0.8605
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7539	0.5051	0.6759
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7197	0.6401	0.2818

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.9979	0.0014	0.9434	0.9529	0.0035
cottonmeloidogyne	0.7668	0.2332	0.7670	0.5338	0.7221
coupon	0.6853	0.3147	0.6756	0.3493	0.8413
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.7219	0.0795	0.4075	0.5430	0.3220
covtypeCD	0.9801	0.0199	0.9569	0.9120	0.1390
covtypeT	0.9642	0.0358	0.8472	0.6815	0.3474
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8866	0.0378	0.6558	0.7585	0.2334
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.1250	0.0437	0.0737	0.1181	0.2342
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1667	0.2778	0.0750	-0.0121	0.4908
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.6481	0.3519	0.6591	0.3077	0.8460
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8230	0.1770	0.7087	0.3877	0.6553
defect	0.8858	0.1142	0.7581	0.4839	0.5296
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9007	0.0993	0.7351	0.4635	0.6088
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.7500	0.1667	0.7879	0.6098	0.2812
DIA	0.7500	0.2500	0.6741	0.3478	0.7928
diabetes	0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5294	0.3137	0.3802	0.1642	0.5329
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7219	0.1112	0.6939	0.6017	0.3679
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.6000	0.4000	0.5969	0.1924	0.9272
dota210%	0.5689	0.4311	0.5656	0.1305	0.9539
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7381	0.1746	0.6404	0.5572	0.4933
drug-01	0.4149	0.1672	0.1450	0.0535	0.3635
drug-02	0.5106	0.1398	0.1589	0.0983	0.4875
drug-03	0.6809	0.0912	0.1623	0.0908	0.3401
drug-04	0.5000	0.1429	0.1071	0.0419	0.3901

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.2503	0.2689	0.4551
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5691	0.1231	0.1921	0.1233	0.3944
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5585	0.1261	0.1831	0.1701	0.4268
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6223	0.1079	0.1745	0.2459	0.3246
drug-14	0.5904	0.1170	0.2168	0.2517	0.4020
drug-15	0.7553	0.0699	0.1237	0.0222	0.2430
drug-16	0.5745	0.1216	0.2361	0.3007	0.4150
drug-17	0.4043	0.1702	0.1482	0.1593	0.4150
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9221	0.0223	0.9318	0.9056	0.1211
ecoli	0.6471	0.0882	0.3083	0.5024	0.2026
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2200	0.3900	0.2197	-0.0410	0.8425
eeg	0.3015	0.0873	0.1983	0.2098	0.4353
eeg-eye	0.7757	0.2243	0.7727	0.5450	0.7095
eeg10%	0.2572	0.0929	0.1472	0.1637	0.4849
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6027	0.1589	0.5394	0.4949	0.3622
euthyroid	0.9525	0.0475	0.8720	0.7428	0.4644
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9597	0.0403	0.9597	0.9193	0.2273
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9038	0.0481	0.9003	0.8672	0.1365
gas	0.9820	0.0060	0.9821	0.9782	0.0452
gastrointestinal	0.6875	0.2083	0.7546	0.5506	0.3971
gender	0.5979	0.2681	0.4555	0.1533	0.5639
gene	0.8644	0.0904	0.8491	0.7787	0.3293
german	0.7300	0.2700	0.6891	0.3692	0.7892
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8761	0.1239	0.8761	0.7519	0.4957
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7143	0.0952	0.6837	0.5869	0.2236
glass-g2	0.6875	0.3125	0.6466	0.2593	0.7911
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.6667	0.3333	0.6687	0.3226	0.8108
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9167	0.0833	0.9190	0.8320	0.3618
green	0.6000	0.4000	0.6094	0.2000	0.8294
grub-damage	0.5333	0.2333	0.5822	0.3750	0.4476
gsalc	0.6667	0.1111	0.5528	0.6029	0.0855
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.7914	0.0348	0.4400	0.7518	0.0748
har	0.7752	0.0899	0.7652	0.7151	0.3736
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8721	0.0365	0.5154	0.8124	0.1535
har7010%	0.8758	0.0355	0.5167	0.8167	0.1512
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.7548	0.0409	0.3145	0.6576	0.1898
harth10%	0.7071	0.0488	0.2991	0.5907	0.2216
hayes-roth	0.6250	0.2500	0.7388	0.4386	0.2968
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7950	0.5645	0.6291
heart-attack	0.7742	0.2258	0.7741	0.5470	0.7087
heart-c	0.8667	0.1333	0.8661	0.7321	0.5220
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis	0.8000	0.2000	0.8077	0.5455	0.5283
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8530	0.1470	0.8540	0.7063	0.5464
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6936	0.3064	0.6920	0.3839	0.8299
higgs1%	0.6998	0.3002	0.6985	0.3970	0.8221
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0714	0.2321	0.0227	-0.1375	0.4739
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8125	0.1875	0.8118	0.6235	0.6412
hiv1-proteasa	0.9174	0.0826	0.8500	0.6993	0.4916
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5000	0.3333	0.3739	0.1325	0.7684
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.7263	0.2737	0.4557	-0.0881	0.7781
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.7287	0.1808	0.7322	0.5928	0.5021
htru2	0.9804	0.0196	0.9396	0.8782	0.2211
hypothyroid	0.9655	0.0172	0.6408	0.8051	0.2420
hypothyroidT	0.9947	0.0053	0.9813	0.9626	0.1146
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	0.8667	0.0889	0.8500	0.7973	0.2122
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.4365	0.0433	0.3547	0.4139	0.2156
jm1	0.8182	0.1818	0.6357	0.1570	0.5463
jvowels	0.7480	0.0560	0.7034	0.7126	0.1890
kc1	0.8531	0.1469	0.6581	0.2727	0.6396
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.6429	0.0298	0.0601	0.1860	0.2010
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6929	0.3824	0.7363
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1951	0.0700	0.0658	0.0391	0.0496
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2381	0.0847	0.1667	0.1200	0.4366
krvskp	0.9624	0.0376	0.9633	0.9248	0.1951
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.1471	0.0426	0.0750	0.1374	0.2261
led24	0.4500	0.1100	0.4007	0.3750	0.2499
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.2890	0.0547	0.2729	0.2607	0.3338
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.4722	0.0704	0.4540	0.4384	0.1597
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7059	0.2941	0.6640	0.3281	0.8338
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.4688	0.0966	0.1824	0.2801	0.3966
localization10%	0.4860	0.0934	0.2393	0.3316	0.4394
lrs	0.8113	0.0377	0.4239	0.7412	0.1570
lung	0.9048	0.0381	0.7213	0.8272	0.1401
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2	0.6667	0.1111	0.3793	0.5500	0.1190
machine-failure	0.8936	0.1064	0.8904	0.7809	0.4568
madelon	0.5346	0.4654	0.5352	0.0692	0.9726
magic04	0.8659	0.1341	0.8504	0.6923	0.5016
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8661	0.1339	0.7268	0.4532	0.6707
maternal	0.6436	0.2376	0.6430	0.4492	0.5117
math	0.7750	0.1125	0.7407	0.6542	0.3255
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2233	0.3107	0.1269	0.0282	0.5411
messidor	0.6957	0.3043	0.6875	0.3735	0.8286
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-fac	0.9400	0.0120	0.9423	0.9333	0.0680
mfeat-fou	0.5300	0.0940	0.5105	0.4778	0.2646
mfeat-kar	0.7800	0.0440	0.7849	0.7556	0.1640
mfeat-mor	0.5950	0.0810	0.4959	0.5500	0.1539
mfeat-pix	0.8800	0.0240	0.8828	0.8667	0.1411
mfeat-zer	0.6450	0.0710	0.5660	0.6056	0.1935
mice-prot	0.9074	0.0231	0.8470	0.8937	0.0287
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5376	0.4843	0.3799
mobile	0.1923	0.0288	0.1279	0.1773	0.2587
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9180	0.0820	0.9105	0.8205	0.4023
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9833	0.0167	0.9689	0.9375	0.2032
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7470	0.2530	0.7384	0.4766	0.7604
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.7974	0.2026	0.7905	0.5804	0.6743
MUT_ci300400a_cdk_PUBCHEM	0.8419	0.1581	0.8363	0.6710	0.5779
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.8020	0.1980	0.7964	0.5867	0.6472
myocardial	0.8529	0.0368	0.3190	0.4290	0.3882
naticusdroid	0.9703	0.0297	0.9704	0.9407	0.1795
NCI60	0.5000	0.1667	0.5000	0.4000	0.1820
nci9	0.5000	0.1667	0.4545	0.4000	0.1541
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8773	0.0129	0.2258	0.6165	0.1914
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6504	0.3496	0.6475	0.2937	0.8789
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9452	0.0548	0.9328	0.8656	0.3200
NPHA-doctor-visits	0.4722	0.3519	0.2778	-0.0588	0.5706
nursery	0.9483	0.0207	0.7265	0.9241	0.0872
obesity	0.7773	0.0636	0.7424	0.7399	0.1545
obs	0.9167	0.0417	0.9323	0.8754	0.1437
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9477	0.0262	0.8453	0.8406	0.0542
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.5109	0.0978	0.3357	0.4378	0.3420
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.8070	0.0429	0.6916	0.7601	0.1130
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9047	0.0953	0.6496	0.2852	0.6444
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
optdigits	0.8025	0.0395	0.7783	0.7808	0.1675
optdigitsZ	0.9929	0.0071	0.9780	0.9561	0.1305
orl	0.4500	0.0275	0.3694	0.4359	0.1092
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr	0.9447	0.0553	0.5968	0.1935	0.6177
ozone8hr	0.8933	0.1067	0.5395	0.0753	0.6985
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7990	0.2010	0.7943	0.5785	0.6576
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8925	0.7787	0.4355
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9653	0.0139	0.8283	0.8077	0.2113
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.7915	0.2085	0.7885	0.5717	0.6756
parkinsons-small	0.8421	0.1579	0.7857	0.5649	0.6183
particle	0.9269	0.0731	0.9091	0.8182	0.3888
particle10%	0.9092	0.0908	0.8876	0.7753	0.4506
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia	0.7647	0.0672	0.6950	0.7109	0.2072
pendigits	0.7443	0.0511	0.6895	0.7160	0.1538
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7959	0.2041	0.7807	0.5611	0.6857
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9400	0.0600	0.9316	0.8611	0.2903
phishing	0.9633	0.0367	0.9616	0.9231	0.2202
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.7573	0.0693	0.7502	0.7154	0.2191
phone-acc1%	0.7156	0.0813	0.6058	0.6664	0.1887
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.7588	0.0689	0.7070	0.7166	0.1765
phone-gyr1%	0.7322	0.0765	0.7019	0.6863	0.1818
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8296	0.1704	0.7894	0.5788	0.6530
phy	0.7120	0.2880	0.7120	0.4240	0.8052
pima	0.7368	0.2632	0.7191	0.4081	0.7142
pirvision	0.9928	0.0048	0.9875	0.9772	0.0519
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5789	0.4211	0.5843	0.1648	0.9308
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1001	0.0666	0.0000	0.1727
poker10%	0.5460	0.0908	0.1746	0.1187	0.2459
polish-1st	0.9673	0.0327	0.7135	0.3311	0.3283
polish-2nd	0.9587	0.0413	0.5543	0.0386	0.3754
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9459	0.0541	0.7548	0.4883	0.4881
polya	0.7795	0.2205	0.7566	0.5123	0.7194
popularity	0.6656	0.2230	0.4151	0.2115	0.4606
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
postures	0.8821	0.0472	0.8822	0.8525	0.2040
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6624	0.3235	0.8639
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2424	0.0689	0.0947	0.1667	0.2703
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8060	0.1940	0.7711	0.5330	0.6591
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9043	0.0383	0.8589	0.8705	0.1641
puc-rio10%	0.9052	0.0379	0.8201	0.8718	0.1557
pufs-1281%	0.4973	0.5027	0.4973	-0.0053	1.0000
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4833	0.5167	0.4785	-0.0338	0.9449
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6313	0.3686	0.6163	0.2325	0.9041
RT_IOT2022	0.9090	0.0152	0.4732	0.7707	0.0312
satimage	0.8538	0.0487	0.8332	0.8202	0.2055
satimageF	0.9829	0.0171	0.9552	0.9101	0.1937
satimageT	0.9191	0.0809	0.7567	0.5080	0.5727
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5000	0.5000	0.5000	0.0000	0.9853
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9167	0.0833	0.4783	-0.0305	0.6521
secondary_mushroom	0.9990	0.0010	0.9990	0.9980	0.0100
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.7965	0.0581	0.7871	0.7623	0.1117
segmentation	0.8465	0.1535	0.8424	0.6784	0.5714
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8605	0.1395	0.5591	0.0641	0.5968
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.6007	0.0726	0.6572	0.5608	0.1738
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8962	0.1038	0.7950	0.5894	0.5830
shuttle	0.9786	0.0061	0.4838	0.9407	0.1548
sick	0.9655	0.0345	0.8435	0.6656	0.3054
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9976	0.0024	0.9964	0.9927	0.0422
skin10%	0.9955	0.0045	0.9933	0.9864	0.0681

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1200	0.4400	0.1205	-0.1702	0.8911
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2133	0.3147	0.2084	0.0132	0.7218
solar-flare	0.7266	0.0911	0.5276	0.6456	0.1976
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.4559	0.0573	0.2406	0.4008	0.1564
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9217	0.0783	0.9179	0.8357	0.3713
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.2692	0.0541	0.0970	0.2074	0.2342
splice-EI	0.9558	0.0442	0.9427	0.8849	0.2995
splice-IE	0.9085	0.0915	0.8752	0.7502	0.4814
sport-articles	0.8300	0.1700	0.8153	0.6291	0.6155
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.9677	0.0323	0.9666	0.9310	0.1967
steel_industry	0.8179	0.1214	0.7853	0.7032	0.3689
steel-b	0.8308	0.1692	0.7299	0.4564	0.6908
steel-d	0.9744	0.0256	0.7333	0.2794	0.0817
steel-k	0.9897	0.0103	0.9843	0.9685	0.1057
steel-o	0.8103	0.1897	0.7855	0.5660	0.6534
steel-p	0.9333	0.0667	0.7601	0.5161	0.5590
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8819	0.1181	0.7920	0.5823	0.5926
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6300	0.1480	0.3549	0.3982	0.4282
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4200	0.2320	0.1917	0.0732	0.4497
student-weekend	0.4154	0.2338	0.1821	0.1153	0.3968
student-workday	0.6875	0.1250	0.2020	0.1444	0.3359
studentap	0.3846	0.4103	0.2911	0.0000	0.6322
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.8048	0.1952	0.8038	0.6025	0.6403
susy10%	0.8001	0.1999	0.7991	0.5927	0.6484
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.5322	0.2000	0.6032
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.5945	0.0737	0.5690	0.5565	0.1237
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7872	0.2128	0.5250	0.0486	0.8044
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8684	0.1316	0.8450	0.6885	0.5617
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7761	0.2239	0.7305	0.4528	0.7289
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity-13f	0.5294	0.4706	0.4848	-0.0303	0.9755
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.9394	0.0242	0.9172	0.8836	0.2197
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.7101	0.0580	0.4617	0.6537	0.2080
tuandromd	0.9798	0.0202	0.9686	0.9371	0.1727
turkish	0.7000	0.1500	0.7035	0.6000	0.3872
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9385	0.0615	0.9347	0.8690	0.3256
tvnews10%	0.8913	0.1087	0.8821	0.7634	0.4646
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7463	0.0564	0.6958	0.7029	0.1947
urinalysis	0.9441	0.0559	0.6684	0.3075	0.5516
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7619	0.1190	0.7648	0.6846	0.2240
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.4949	0.0918	0.4539	0.4444	0.2187
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.8462	0.0308	0.9000	0.8289	0.0585
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.6552	0.0985	0.6607	0.5970	0.3208
watch-acc10%	0.6723	0.0936	0.6569	0.6165	0.2956
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.5889	0.1175	0.5367	0.5174	0.3136
watch-gyr10%	0.6758	0.0926	0.5872	0.6207	0.2252
water_pollution	0.2600	0.3700	0.1720	0.0103	0.5788
waveform	0.8380	0.1080	0.8385	0.7570	0.3696
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.7852	0.1432	0.6167	0.6057	0.4500
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.9164	0.0334	0.9147	0.8943	0.1569
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0346
wilt	0.9959	0.0041	0.9793	0.9578	0.1858
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5157	0.1614	0.2524	0.2443	0.5680
winequality-white	0.5297	0.1344	0.2529	0.2538	0.4547
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9837	0.0046	0.8397	0.9794	0.0363
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.5000	0.0667	0.4571	0.4667	0.1138
yeast	0.4324	0.1135	0.2736	0.2858	0.3537
yeastCYT-POX	0.9388	0.0612	0.6903	0.3691	0.5991
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9527	0.0473	0.6001	0.1981	0.5887
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
zip	0.7441	0.0512	0.6670	0.7099	0.1855

Table 374: Detailed results for MSAMCPN(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1735	0.0787	0.1431	0.0845	0.4724
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8432	0.1568	0.7682	0.5283	0.6306
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8404	0.1596	0.7663	0.5172	0.6143
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7333	0.1067	0.2430	0.3213	0.2563
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8512	0.1488	0.8363	0.6724	0.5776
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family	0.9374	0.0313	0.6881	0.8783	0.1514
anuran-genus	0.9485	0.0129	0.8665	0.9141	0.1699
anuran-species	0.9528	0.0094	0.9006	0.9341	0.0858
anxiety	0.0667	0.2074	0.0605	-0.0521	0.7815
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6500	0.3500	0.6284	0.2553	0.8874
arrhythmia	0.1111	0.1778	0.0406	0.0596	0.3067
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.0455	0.1736	0.0079	0.0000	0.3844
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.3091	0.1152	0.1881	0.1738	0.3341
babies	0.4194	0.1659	0.1360	0.0774	0.4462
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.9041	0.0959	0.7029	0.3378	0.4943
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.9598	0.0402	0.9606	0.9196	0.2061
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9849	0.0043	0.1418	-0.0012	0.1572
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.3000	0.2333	0.4146	0.2222	0.2053
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8506	0.0747	0.6296	0.6796	0.3505
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.8169	0.0366	0.7814	0.7787	0.1831
cardiotocography-nsp	0.8826	0.0782	0.7753	0.6775	0.4289
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3477	0.4349	0.1720	0.0000	0.4145
cars	0.6750	0.2167	0.5441	0.4071	0.5915
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7523	0.2477	0.7512	0.5023	0.7473
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8487	0.1009	0.4250	0.2041	0.3244
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.0930	0.9070	0.0851	0.0000	0.2234
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8044	0.6057	0.4153
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8140	0.1860	0.6523	0.2385	0.6355
churn-bigml	0.8764	0.1236	0.6974	0.3052	0.4894
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.8120	0.0038	0.8076	0.8101	0.0560
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	0.6571	0.1143	0.5915	0.5823	0.1367
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7704	0.1148	0.4931	0.6233	0.3009
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.4666	0.1880	0.7325
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8227	0.0322	0.5654	0.7827	0.2391
coil20	0.2431	0.0757	0.1259	0.2044	0.3033
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.0600	0.1253	0.0075	0.0000	0.3924
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6207	0.3793	0.5499	0.0963	0.9266
colposcopies-2	0.5172	0.4828	0.4451	-0.1033	0.9975
colposcopies-3	0.6207	0.3793	0.5943	0.1212	0.7498
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
comedy_comparisons10%	0.4827	0.5173	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7668	0.2332	0.7673	0.5338	0.7208
coupon	0.6845	0.3155	0.6750	0.3484	0.8428
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.7500	0.1250	0.6572	0.6667	0.1558
creditcard_trans	0.0017	0.9983	0.0017	0.0000	0.0049
creditcard_trans10%	0.9986	0.0014	0.7605	0.4993	0.3807
crowdsourced	0.8682	0.0439	0.6331	0.7037	0.1967
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1250	0.0547	0.1019	0.0968	0.1734
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1533	0.2822	0.1368	-0.0210	0.7760
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.4286	0.5714	0.3000	0.0000	0.5288
default	0.8130	0.1870	0.6821	0.2921	0.6016
defect	0.8920	0.1080	0.7721	0.4824	0.4182
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8978	0.1022	0.6905	0.3064	0.5019
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.7297	0.0901	0.5827	0.6593	0.1423
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.2500	0.7500	0.2000	0.0000	0.4422
diabetes	0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.5714	0.1429	0.9438
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5718	0.4282	0.5679	0.1343	0.9497
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7630	0.1580	0.6679	0.5964	0.4568
drug-01	0.3936	0.1733	0.1845	0.0221	0.4292
drug-02	0.5266	0.1353	0.2143	0.1266	0.4661
drug-03	0.6915	0.0881	0.1477	0.0377	0.2421

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-04	0.5266	0.1353	0.1935	0.0783	0.4598
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2637	0.2795	0.5056
drug-07	0.4628	0.1535	0.1418	0.0740	0.3244
drug-08	0.5372	0.1322	0.1524	0.0505	0.4447
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1501	0.1199	0.3514
drug-11	0.8564	0.0410	0.2023	0.0882	0.1190
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1726	0.2291	0.3402
drug-14	0.5904	0.1170	0.2170	0.2317	0.3999
drug-15	0.7606	0.0684	0.1242	0.0294	0.1834
drug-16	0.5851	0.1185	0.2421	0.2739	0.3757
drug-17	0.3723	0.1793	0.1733	0.1251	0.5243
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7660	0.0669	0.1239	-0.0068	0.2303
drybean	0.8839	0.0332	0.7753	0.8591	0.1445
ecoli	0.8824	0.0392	0.7490	0.8363	0.1283
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2200	0.3900	0.2465	-0.0456	0.7524
eeg	0.3032	0.0871	0.2413	0.2160	0.5788
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.2995	0.0876	0.1915	0.2198	0.4894
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.3836	0.2466	0.3375	0.2122	0.4204
euthyroid	0.9557	0.0443	0.8683	0.7344	0.3988
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8454	0.1546	0.8449	0.6899	0.5717
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.2073	0.0933	0.0202	0.0000	0.3505
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9804	0.0196	0.9805	0.9602	0.1023
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9615	0.0192	0.9578	0.9470	0.0611
gas	0.8886	0.0371	0.8774	0.8648	0.1468
gastrointestinal	0.6250	0.2500	0.5827	0.4146	0.5998
gender	0.6000	0.2667	0.3792	0.1413	0.5118
gene	0.9306	0.0463	0.9232	0.8897	0.1990
german	0.7500	0.2500	0.7110	0.3902	0.7087
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8905	0.1095	0.8906	0.7807	0.4564
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6190	0.1270	0.6061	0.4598	0.3161
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.4000	0.3000	0.4125	0.1818	0.6462
gsalc	0.4444	0.1852	0.4023	0.3182	0.2787
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.7136	0.1146	0.7019	0.6361	0.4347
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7628	0.0678	0.4270	0.6175	0.1816
har7010%	0.7569	0.0694	0.4133	0.6078	0.1917
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.5963	0.0673	0.1722	0.3825	0.2781
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.4375	0.3750	0.4609	0.1000	0.6085
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8065	0.1935	0.8046	0.6092	0.6543
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8374	0.1626	0.8374	0.6748	0.5887
hepmass10%	0.8359	0.1641	0.8359	0.6718	0.5919
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6682	0.3318	0.6656	0.3284	0.8554
higgs1%	0.6410	0.3590	0.6379	0.2699	0.8785
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1896	0.0494	0.3849
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.9275	0.0725	0.8676	0.7340	0.4463
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6389	0.2407	0.6356	0.3482	0.4758
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.4202	0.3865	0.3282	0.1008	0.6171
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9125	0.0438	0.2644	0.1742	0.0902
hypothyroidT	0.9363	0.0637	0.7301	0.2778	0.1636
ilpd	0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.6000	0.2667	0.5490	0.4375	0.1746
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.3504	0.0500	0.2658	0.3247	0.2968
jm1	0.8209	0.1791	0.6455	0.1720	0.5323
jvowels	0.9337	0.0147	0.9291	0.9249	0.1017
kc1	0.8389	0.1611	0.6225	0.2149	0.6982
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.6923	0.1231	0.1800	0.2353	0.1761
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.7500	0.2500	0.8000	0.5294	0.5000
krkopt	0.2799	0.0800	0.2152	0.1760	0.5313
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.3824	0.0537	0.3939	0.3585	0.1540
led24	0.5500	0.0900	0.5161	0.5000	0.2062
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.7115	0.0222	0.7100	0.6999	0.2744
leukemia	0.5714	0.2857	0.4912	0.4000	0.3025
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.6944	0.0407	0.7017	0.6735	0.1263
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3958	0.1099	0.1593	0.1562	0.4717
localization10%	0.3859	0.1116	0.1538	0.1434	0.4758
lrs	0.4151	0.1671	0.2007	0.2794	0.3032
lung	0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete	0.8750	0.0500	0.7467	0.8400	0.0440
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.2000	0.3200	0.1345	0.1111	0.2611
lung-cancer-harvard2	0.8889	0.1111	0.7805	0.4545	0.2500
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.3333	0.6667	0.2500	-0.5000	1.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.4190	0.3750	0.2259
machine-failure	0.4149	0.5851	0.2932	0.0000	0.5268
madelon	0.6115	0.3885	0.6121	0.2231	0.9152
magic04	0.7833	0.2167	0.7541	0.5002	0.6992
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8640	0.7277	0.5259
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6337	0.2442	0.6436	0.4343	0.5356
math	0.8000	0.1000	0.7734	0.6905	0.3037
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.5000	0.2500	0.3333	0.3333	0.2044
mental-health	0.2133	0.3147	0.1797	0.0123	0.7022
messidor	0.7304	0.2696	0.7280	0.4553	0.7797
meter-A	0.3750	0.6250	0.2727	0.0000	0.5170
meter-B	0.2222	0.5185	0.1212	0.0000	0.4199
meter-C	0.6111	0.1944	0.3865	0.4350	0.1876

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-D	0.8333	0.0833	0.6813	0.7642	0.1404
mfeat-fac	0.5800	0.0840	0.4500	0.5333	0.2360
mfeat-fou	0.7000	0.0600	0.6662	0.6667	0.2196
mfeat-kar	0.7700	0.0460	0.7094	0.7444	0.1318
mfeat-mor	0.6150	0.0770	0.5961	0.5722	0.2675
mfeat-pix	0.3000	0.1400	0.1817	0.2222	0.3349
mfeat-zer	0.8200	0.0360	0.8231	0.8000	0.1149
mice-prot	0.5278	0.1181	0.3712	0.4550	0.2088
milk	0.8868	0.0755	0.8903	0.8293	0.2463
mines	0.5000	0.2000	0.3945	0.3704	0.4058
mobile	0.4266	0.0205	0.3530	0.4162	0.2264
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9303	0.0697	0.8559	0.6883	0.3222
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.7832	0.2168	0.7769	0.5528	0.6977
myocardial	0.0176	0.2456	0.0043	0.0000	0.1514
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.3333	0.2222	0.1818	0.2000	0.2627
nci9	0.3333	0.2222	0.2857	0.2000	0.2350
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8610	0.0146	0.1411	0.5660	0.1800
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.1429	0.8571	0.1250	0.0000	0.3113
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6410	0.3590	0.6381	0.2755	0.8895
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9440	0.0560	0.9313	0.8626	0.3237
NPHA-doctor-visits	0.5139	0.3241	0.2263	-0.0223	0.4554
nursery	0.5810	0.2095	0.4042	0.3837	0.3891
obesity	0.5450	0.1300	0.4493	0.4625	0.2657
obs	0.8056	0.0972	0.8475	0.7078	0.2415
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9832	0.0084	0.9535	0.9477	0.0293
oh0-wc	0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.4386	0.1248	0.4461	0.3848	0.2729
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9133	0.0867	0.6659	0.0385	0.2026

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.4822	0.1036	0.3629	0.4250	0.2700
optdigitsZ	0.9947	0.0053	0.9834	0.9668	0.0845
orl	0.4750	0.0262	0.3652	0.4615	0.1065
orlraws10P	0.6000	0.0800	0.5600	0.5556	0.1238
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9684	0.0316	0.7102	0.1943	0.0960
ozone8hr	0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9452	0.0219	0.5476	0.6356	0.1151
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.8057	0.1943	0.7978	0.5942	0.6627
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5412	0.4588	0.3883	-0.0768	0.8399
pcos	0.2000	0.8000	0.1667	0.0000	0.3900
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.3824	0.1765	0.2050	0.2084	0.2971
pendigits	0.9281	0.0144	0.9275	0.9201	0.1079
period	0.3333	0.6667	0.2500	0.0000	0.5000
period-10f	0.5556	0.4444	0.3571	-0.2000	0.9762
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9551	0.0449	0.9529	0.9049	0.2341
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.6493	0.1002	0.6185	0.5884	0.3427
phone-acc1%	0.6590	0.0974	0.6264	0.6002	0.3444
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.6224	0.1079	0.5900	0.5567	0.3448
phone-gyr1%	0.6337	0.1046	0.5989	0.5704	0.3541
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.7078	0.2922	0.7078	0.4155	0.8108
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.8707	0.0862	0.4970	0.4914	0.1867
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7859	0.2141	0.7606	0.5161	0.6985
popularity	0.6610	0.2260	0.4091	0.1943	0.4745

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.7940	0.0824	0.7930	0.7423	0.3070
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6195	0.2353	0.9023
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.4242	0.0886	0.2219	0.3393	0.2902
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6866	0.3134	0.5921	0.1145	0.7209
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.5000	0.5000	0.4785	-0.0426	1.0000
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.7904	0.0838	0.6975	0.7127	0.2755
puc-rio10%	0.8183	0.0727	0.7388	0.7523	0.2491
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5025	0.4975	0.5025	0.0050	0.9986
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.2067	0.1221	0.0263	0.0000	0.2967
re1-wc	0.4880	0.0410	0.0873	0.3599	0.2498
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6081	0.3919	0.5789	0.1530	0.9230
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8289	0.0570	0.7802	0.7860	0.1971
satimageF	0.9813	0.0187	0.9509	0.9013	0.1995
satimageT	0.8974	0.1026	0.4730	-0.0031	0.3170
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.6667	0.3333	0.4000	-0.1739	0.9159
schizo	0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.6667	0.2222	0.5341	0.5000	0.2697
segment	0.5238	0.1361	0.4186	0.4404	0.2581
segmentation	0.8267	0.1733	0.8079	0.6140	0.6248
segmentO	0.1472	0.8528	0.1283	0.0000	0.3180
seismic	0.9380	0.0620	0.6847	0.1046	0.1594
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8719	0.1281	0.7039	0.3051	0.4608
shuttle	0.8383	0.0462	0.1946	0.4395	0.1177

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sick	0.9602	0.0398	0.8148	0.5962	0.3249
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9189	0.0811	0.8780	0.7558	0.4664
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2200	0.3120	0.2246	0.0223	0.8426
solar-flare	0.7410	0.0863	0.5377	0.6640	0.1916
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.2941	0.0743	0.0783	0.1935	0.2846
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8978	0.1022	0.8935	0.7807	0.4030
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.7429	0.2571	0.6758	0.3505	0.8017
spectrometer	0.3077	0.0513	0.1864	0.2673	0.2350
splice-EI	0.9590	0.0410	0.9498	0.8961	0.2881
splice-IE	0.9085	0.0915	0.8766	0.7524	0.4830
sport-articles	0.8000	0.2000	0.7815	0.5402	0.6155
squash-stored	0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7554	0.1631	0.7033	0.6017	0.4687
steel-b	0.8000	0.2000	0.6542	0.2897	0.7384
steel-d	0.9744	0.0256	0.7350	0.4328	0.4212
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.7487	0.2513	0.7088	0.3813	0.7014
steel-p	0.9333	0.0667	0.7373	0.4474	0.5093
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9590	0.0410	0.8893	0.7772	0.4339
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.6608	0.2261	0.5684	0.4923	0.1907
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.8095	0.0762	0.7341	0.7611	0.0990
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4600	0.2160	0.2154	0.1385	0.4408
student-weekend	0.4308	0.2277	0.3007	0.1710	0.5372
student-workday	0.6875	0.1250	0.1630	-0.0191	0.3344
studentap	0.4615	0.3590	0.3373	0.1415	0.4636
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7598	0.2402	0.7623	0.5054	0.6831
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.4327	0.1031	0.2843	0.3790	0.2842
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.6250	0.1500	0.2894	0.4146	0.1775
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.1707	0.1843	0.0324	0.0000	0.3496
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.8495	0.0502	0.6086	0.7915	0.1538
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.6000	0.2000	0.5335	0.4667	0.3660
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.8936	0.1064	0.8845	0.7679	0.4554
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.6567	0.0763	0.5052	0.5914	0.2054
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7619	0.1190	0.7452	0.6822	0.2095
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4444	0.1010	0.4063	0.3889	0.2755
vowelZ	0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.3846	0.1231	0.3774	0.3247	0.2336
warppie10p	0.8095	0.0381	0.7429	0.7868	0.0657
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.5973	0.1151	0.5848	0.5276	0.4514
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.5558	0.1269	0.5402	0.4798	0.4431
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2200	0.3900	0.2242	-0.0422	0.8614
waveform	0.8600	0.0933	0.8601	0.7900	0.3349
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8074	0.1284	0.5593	0.6400	0.4094
Weekly	0.4444	0.5556	0.3077	0.0000	0.5302
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.7400	0.1300	0.6732	0.6533	0.1299
wilt	0.9710	0.0290	0.8233	0.6176	0.3047
wine	0.7647	0.1569	0.5556	0.5952	0.1089
winequality-red	0.6038	0.1321	0.2694	0.3419	0.3791
winequality-white	0.5194	0.1373	0.2383	0.2125	0.4414
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.8346	0.0473	0.5097	0.7871	0.1321
wisc_bc	0.3684	0.6316	0.2692	0.0000	0.5148
yale	0.5000	0.0667	0.4667	0.4622	0.1207

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeast	0.4865	0.1141	0.3378	0.3332	0.3847
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9172	0.0166	0.9100	0.9072	0.1272

Table 375: Detailed results for MSAMCPN(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1349	0.0824	0.1159	0.0510	0.4840
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9803	0.0197	0.5297	0.0265	0.4066
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8387	0.1613	0.7543	0.4774	0.5877
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8216	0.1784	0.7324	0.4358	0.6345
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7333	0.1067	0.3032	0.3069	0.2905
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8558	0.1442	0.8402	0.6656	0.5022
anneal	0.7079	0.1169	0.1658	0.0000	0.2204
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family	0.9471	0.0264	0.6993	0.8975	0.1378
anuran-genus	0.7997	0.0501	0.3221	0.6146	0.1524
anuran-species	0.8000	0.0400	0.4641	0.7041	0.1398
anxiety	0.1083	0.1981	0.0667	-0.0015	0.5810
apple-quality	0.7200	0.2800	0.7273	0.4400	0.7550
aps-failure	0.9825	0.0175	0.6817	0.3241	0.4547
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.5556	0.0889	0.0714	0.0000	0.2612
auction	0.8971	0.1029	0.7216	0.3273	0.3784
audiology	0.4545	0.0992	0.1191	0.3016	0.2429
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.4739	0.0877	0.2273	0.1578	0.3176
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8871	0.0753	0.7137	0.7949	0.3656
bank	0.8988	0.1012	0.6762	0.2266	0.4191
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8925	0.7771	0.3881
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9922	0.0078	0.7174	0.2399	0.0794
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8675	0.7337	0.5001
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.4545	0.1818	0.3621	0.3465	0.2388
bridges	0.7000	0.1000	0.4247	0.5161	0.1487
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8621	0.0690	0.5535	0.7011	0.2757
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography	0.6995	0.0601	0.4484	0.6332	0.2235
cardiotocography-nsp	0.8779	0.0814	0.7961	0.6719	0.3295
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6500	0.2333	0.4688	0.3526	0.5735
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.7154	0.2846	0.7202	0.4345	0.7835
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8471	0.1020	0.4123	0.1140	0.2705
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.7151	0.3842	0.3638
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8030	0.1970	0.6546	0.2944	0.7427
churn-bigml	0.8727	0.1273	0.6906	0.2265	0.3829
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.5570	0.0089	0.4944	0.5525	0.0953
cirrhosis	0.7857	0.1429	0.5347	0.5762	0.3577
cjs	0.2429	0.2524	0.0651	0.0000	0.3839
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8028	0.0986	0.5731	0.6958	0.3086
climate	0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111	0.5833	0.2778	0.6964	0.3617	0.3679
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.4681	0.1579	0.6599
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.5948	0.0737	0.2571	0.4875	0.2521
coil20	0.5972	0.0403	0.5984	0.5765	0.1648
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.7600	0.0320	0.6378	0.7289	0.0876
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.5862	0.4138	0.4937	-0.0116	0.9557
colposcopies-2	0.5862	0.4138	0.4820	-0.0235	0.8868
colposcopies-3	0.5517	0.4483	0.3556	-0.0680	0.7932
colposcopies-4	0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7419	0.1720	0.6652	0.5860	0.3017
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cottonmeloidogyne	0.7476	0.2524	0.7567	0.4964	0.7050
coupon	0.6767	0.3233	0.6665	0.3063	0.7990
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4847	0.1472	0.0977	0.0100	0.2542
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9447	0.0553	0.7412	0.4382	0.4441
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9986	0.0014	0.7605	0.4993	0.3807
crowdsourced	0.8866	0.0378	0.7817	0.7460	0.1834
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.0625	0.0586	0.0119	0.0323	0.2702
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1700	0.2767	0.0801	-0.0054	0.5133
cyclopentane	0.6296	0.3704	0.6433	0.2742	0.8595
cylinder-bands	0.6667	0.3333	0.6592	0.3184	0.8647
darwin	0.6667	0.3333	0.6710	0.3333	0.8394
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7980	0.2020	0.6515	0.1589	0.5046
defect	0.8765	0.1235	0.7425	0.3350	0.2649
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8883	0.1117	0.6392	0.1554	0.4585
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.2973	0.2342	0.0764	0.0000	0.3667
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7000	0.3000	0.4118	-0.0909	0.8375
diabetes	0.8462	0.1538	0.8356	0.6688	0.5712
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5588	0.2941	0.3433	0.0684	0.4115
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.7000	0.1500	0.6838	0.5833	0.1256
diamonds_all	0.4892	0.2043	0.3282	0.1996	0.3796
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5417	0.4583	0.5495	0.0959	0.9453
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5709	0.4291	0.5909	0.1609	0.8789
dota210%	0.5417	0.4583	0.5574	0.1028	0.9164
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7720	0.1520	0.6861	0.6135	0.4507
drug-01	0.3883	0.1748	0.0802	-0.0098	0.4159
drug-02	0.5000	0.1429	0.1639	0.0536	0.4863
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.1279	0.0972	0.3766
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.2125	0.2601	0.4526

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-07	0.3670	0.2110	0.1937	0.0078	0.2696
drug-08	0.5585	0.1261	0.1769	0.0518	0.3546
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.2149	0.0748	0.3416
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1746	0.2044	0.3122
drug-14	0.5745	0.1216	0.2019	0.1410	0.3908
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5638	0.1246	0.2215	0.1978	0.3845
drug-17	0.3564	0.1839	0.1362	0.1195	0.5385
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.8060	0.0554	0.7117	0.7642	0.1722
ecoli	0.5000	0.1667	0.2823	0.1399	0.2704
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1697	0.0007	0.4879
eeg	0.2920	0.0885	0.1860	0.2019	0.5340
eeg-eye	0.5908	0.4092	0.6030	0.1045	0.6748
eeg10%	0.3232	0.0846	0.1771	0.2391	0.5112
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.9589	0.0411	0.8821	0.7641	0.4069
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.7824	0.2176	0.7906	0.5568	0.6212
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.5041	0.0583	0.1950	0.3949	0.2684
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8627	0.1373	0.8731	0.7151	0.3522
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8125	0.0625	0.6061	0.7563	0.0786
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9231	0.0385	0.9066	0.8934	0.0853
gas	0.5054	0.1649	0.3137	0.3751	0.2955
gastrointestinal	0.7500	0.1667	0.7425	0.5676	0.3678
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.9117	0.0589	0.9031	0.8601	0.2298
german	0.7300	0.2700	0.6886	0.3112	0.6685
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.8847	0.1153	0.8850	0.7695	0.4728
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6667	0.1111	0.3713	0.5067	0.2124
glass-g2	0.6250	0.3750	0.6667	0.2941	0.7744
glassBWFP	0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.4000	0.4000	0.3571	0.1176	0.3964
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
grub-damage	0.3333	0.3333	0.2098	0.0506	0.5199
gsalc	0.3333	0.2222	0.3382	0.2500	0.1915
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.5096	0.0817	0.2222	0.4144	0.1629
har	0.5438	0.1825	0.5602	0.3988	0.4223
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.7748	0.0643	0.3995	0.6330	0.1258
har7010%	0.6841	0.0903	0.2513	0.4538	0.1803
harth	0.4492	0.0918	0.0517	0.0000	0.2692
harth1%	0.6244	0.0626	0.2135	0.4501	0.2579
harth10%	0.5831	0.0695	0.1559	0.3569	0.2393
hayes-roth	0.3750	0.4167	0.3689	-0.0191	0.7034
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8369	0.6723	0.5819
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.8000	0.2000	0.8077	0.5455	0.5283
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8305	0.1695	0.8316	0.6607	0.5942
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6155	0.3845	0.6325	0.2457	0.8555
higgs1%	0.5986	0.4014	0.6138	0.2122	0.8794
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.0500	0.0065	0.3315
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.9258	0.0742	0.8596	0.7075	0.3874
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6667	0.2222	0.6279	0.3656	0.4294
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.5575	0.2950	0.5772	0.3371	0.6451
htru2	0.9777	0.0223	0.9296	0.8546	0.1812
hypothyroid	0.9098	0.0451	0.2748	0.2160	0.1797
hypothyroidT	0.9363	0.0637	0.7301	0.2778	0.1636
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.4442	0.0428	0.4319	0.4220	0.2354
jm1	0.8173	0.1827	0.6391	0.1183	0.4660
jvowels	0.6596	0.0756	0.6674	0.6117	0.2177
kc1	0.8578	0.1422	0.6619	0.2344	0.5430
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF	0.7333	0.2667	0.4231	-0.1111	0.4921
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.7646	0.0362	0.1294	0.6020	0.0655
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2396	0.0845	0.2138	0.1466	0.6061
krvskp	0.9687	0.0313	0.9686	0.9372	0.1882
la1s-wc	0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc	0.4702	0.1766	0.2508	0.2538	0.3079
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.2059	0.0691	0.1080	0.1745	0.2245
led24	0.4500	0.1222	0.3363	0.3642	0.2702
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.4505	0.0423	0.4669	0.4281	0.2935
leukemia	0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.2222	0.1037	0.1718	0.1765	0.2602
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.5588	0.4412	0.5978	0.1694	0.8239
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.4029	0.1086	0.1561	0.1871	0.4594
localization10%	0.3926	0.1104	0.1264	0.1680	0.4639
lrs	0.5283	0.1348	0.2804	0.3454	0.2202
lung	0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete	0.5000	0.2000	0.4653	0.3725	0.2271
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8500	0.0600	0.5304	0.6154	0.1305
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.5714	0.2857	0.2424	0.0000	0.3175
lymphoma2	0.6667	0.1111	0.4194	0.5000	0.1576
machine-failure	0.9149	0.0851	0.9152	0.8273	0.3841
madelon	0.5615	0.4385	0.5738	0.1231	0.8739
magic04	0.7738	0.2262	0.7415	0.4609	0.6834
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8366	0.6680	0.5802
marketing	0.9018	0.0982	0.7804	0.5399	0.5135
maternal	0.6436	0.2376	0.6650	0.4484	0.4811
math	0.4250	0.2875	0.1574	0.0065	0.3325
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.5000	0.2500	0.3333	0.3333	0.2044
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.7391	0.2609	0.7502	0.4858	0.7241
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	0.4444	0.3704	0.2051	0.0000	0.3901
meter-C	0.2778	0.3611	0.1562	-0.0308	0.3349
meter-D	0.6111	0.1944	0.4222	0.4299	0.2079
mfeat-fac	0.4450	0.1110	0.4097	0.3833	0.2802
mfeat-fou	0.4000	0.1200	0.3234	0.3333	0.3258
mfeat-kar	0.5400	0.0920	0.4507	0.4889	0.2336
mfeat-mor	0.4600	0.1080	0.3668	0.4000	0.2310

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-pix	0.3300	0.1340	0.3052	0.2556	0.3425
mfeat-zer	0.5050	0.0990	0.4002	0.4500	0.2942
mice-prot	0.9074	0.0231	0.8482	0.8936	0.0296
milk	0.9057	0.0629	0.9111	0.8579	0.1856
mines	0.5882	0.1647	0.5341	0.4843	0.3012
mobile	0.1434	0.0306	0.0897	0.1281	0.3005
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.6607	0.3393	0.6599	0.3179	0.8648
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9318	0.0682	0.8602	0.6878	0.2544
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.7086	0.2914	0.7108	0.4163	0.7951
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.7494	0.2506	0.7446	0.4887	0.7539
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.7644	0.2356	0.7675	0.5290	0.7116
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.0000	0.3333	0.0000	-0.2000	0.4515
ncRNA1%	0.8559	0.0152	0.1132	0.5226	0.1699
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6425	0.3575	0.6561	0.2965	0.8413
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9440	0.0560	0.9305	0.8603	0.3047
NPHA-doctor-visits	0.4861	0.3426	0.3114	-0.0110	0.5663
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.7299	0.0772	0.6944	0.6834	0.1418
obs	0.5278	0.2361	0.2718	0.1808	0.3558
occupancy	0.9859	0.0141	0.9804	0.9606	0.1404
Occupancy_Estimation	0.8736	0.0632	0.3914	0.5990	0.1129
oh0-wc	0.4257	0.1149	0.3357	0.3068	0.2858
oh10-wc	0.3714	0.1257	0.2026	0.2536	0.3489
oh15-wc	0.3587	0.1283	0.2165	0.2659	0.3668
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.5439	0.1014	0.2534	0.3534	0.2392
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.4270	0.1146	0.3567	0.3643	0.2991
optdigitsZ	0.9947	0.0053	0.9834	0.9668	0.0845
orl	0.3000	0.0350	0.2033	0.2821	0.1758
orlraws10P	0.4000	0.1200	0.2353	0.3333	0.1706
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ozone8hr	0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9305	0.0278	0.4291	0.4234	0.0771
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.7820	0.2180	0.7867	0.5605	0.6682
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8356	0.1644	0.7839	0.5489	0.5881
particle10%	0.8477	0.1523	0.8052	0.6078	0.6052
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.8553	0.1447	0.8183	0.6333	0.6082
pediatric-leukemia	0.5000	0.1429	0.4273	0.3890	0.2797
pendigits	0.5205	0.0959	0.4792	0.4671	0.2905
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9469	0.0531	0.9444	0.8872	0.2581
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.5245	0.1359	0.5466	0.4444	0.3370
phone-acc1%	0.5287	0.1347	0.5087	0.4475	0.3367
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.1996	0.2287	0.1064	0.0494	0.4108
phone-gyr1%	0.4729	0.1506	0.4399	0.3833	0.3320
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7352	0.2648	0.6303	0.2345	0.7871
phy	0.6946	0.3054	0.7060	0.3880	0.7650
pima	0.7105	0.2895	0.6871	0.3569	0.7863
pirvision	0.9595	0.0270	0.9259	0.8604	0.0908
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7805	0.2195	0.7652	0.5297	0.7143
popularity	0.6514	0.2324	0.4236	0.2662	0.4814
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8151	0.0740	0.8164	0.7687	0.2714
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6711	0.3235	0.8188
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2727	0.1119	0.1392	0.1818	0.2980
processed	0.3221	0.6779	0.2436	0.0000	0.4941
profb	0.6716	0.3284	0.6365	0.2725	0.8623
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.5714	0.4286	0.3636	0.0000	0.5112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.7957	0.0817	0.7239	0.7230	0.3108
puc-rio10%	0.7459	0.1016	0.7042	0.6675	0.3203
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9000	0.1000	0.9025	0.8000	0.4045
re0-wc	0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc	0.5060	0.0395	0.1297	0.3842	0.2331
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6023	0.3977	0.6426	0.2498	0.8063
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.7263	0.0912	0.6236	0.6538	0.2557
satimageF	0.9829	0.0171	0.9549	0.9090	0.1719
satimageT	0.9020	0.0980	0.6400	0.0761	0.3073
scadi	0.5714	0.1714	0.4881	0.4474	0.2432
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5588	0.4412	0.5974	0.1176	0.7296
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.6190	0.2540	0.5463	0.4286	0.2659
segment	0.5368	0.1323	0.4730	0.4660	0.2165
segmentation	0.7970	0.2030	0.7719	0.5268	0.6452
segmentO	0.8528	0.1472	0.4603	0.0000	0.2903
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.7468	0.0460	0.7720	0.7215	0.1518
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8646	0.1354	0.6826	0.2254	0.4268
shuttle	0.9172	0.0236	0.3809	0.7356	0.0987
sick	0.9523	0.0477	0.7681	0.4789	0.3540
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9074	0.0926	0.8568	0.7133	0.4951
skin10%	0.9048	0.0952	0.8514	0.7017	0.4973
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7410	0.0863	0.5385	0.6646	0.1959
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.6912	0.0325	0.4325	0.6557	0.1296
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9087	0.0913	0.9041	0.8065	0.3993

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spect	0.7778	0.2222	0.6786	0.3571	0.7720
spectf	0.7429	0.2571	0.6587	0.3077	0.7974
spectrometer	0.4615	0.0399	0.2859	0.4243	0.1749
splice-EI	0.9495	0.0505	0.9395	0.8736	0.3241
splice-IE	0.9148	0.0852	0.8865	0.7716	0.4642
sport-articles	0.8000	0.2000	0.7802	0.5510	0.6550
squash-stored	0.4000	0.4000	0.3030	0.0000	0.5733
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7432	0.1712	0.6741	0.5730	0.4581
steel-b	0.8000	0.2000	0.6245	0.1666	0.6262
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.7385	0.2615	0.7005	0.3304	0.6416
steel-p	0.9436	0.0564	0.7975	0.5906	0.5045
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9641	0.0359	0.8957	0.7910	0.3671
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.5520	0.4480	0.3557	0.0000	0.5174
stress	0.5873	0.1651	0.5228	0.4881	0.1684
student-lifestyle	0.6050	0.1580	0.3352	0.3253	0.3793
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3600	0.2560	0.1059	0.0000	0.3283
student-weekend	0.3692	0.2523	0.1171	0.0220	0.4628
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7408	0.2592	0.7549	0.4591	0.6239
susy10%	0.7198	0.2802	0.7377	0.4124	0.6274
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4641	0.2000	0.3763
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.4982	0.0912	0.5204	0.4523	0.2490
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9110	0.0890	0.8846	0.7679	0.4691
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.7591	0.2409	0.7276	0.4549	0.7599
tourist	0.6250	0.1500	0.3152	0.4146	0.1597
tox_171	0.5882	0.2059	0.6390	0.4465	0.3085
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.5610	0.0976	0.2400	0.4198	0.2373
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.5714	0.1429	0.2464	0.3051	0.2763
trec31-wc	0.6989	0.1004	0.4272	0.5558	0.1869
trec41-wc	0.5000	0.1000	0.2319	0.3254	0.2515
trec45-wc	0.4348	0.1130	0.1706	0.2972	0.2970

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.6250	0.1875	0.6854	0.5000	0.2877
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%	0.8921	0.1079	0.8839	0.7679	0.4707
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.6866	0.0697	0.4342	0.6230	0.1909
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7500	0.1250	0.7278	0.6650	0.2410
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8372	0.1628	0.8474	0.6760	0.5146
vowel	0.4444	0.1010	0.3589	0.3889	0.2415
vowelZ	0.9596	0.0404	0.9072	0.7963	0.4472
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.4231	0.0577	0.2104	0.3176	0.2838
warpar10p	0.4615	0.1077	0.3534	0.3974	0.1640
warppie10p	0.3333	0.1333	0.2917	0.2632	0.2987
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.6063	0.1125	0.6086	0.5389	0.3739
watch-acc10%	0.6077	0.1121	0.6142	0.5405	0.3773
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.5041	0.1417	0.5332	0.4182	0.3669
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8460	0.1027	0.8469	0.7689	0.3567
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8296	0.1136	0.6882	0.6938	0.4698
Weekly	0.5556	0.4444	0.3571	0.0000	0.5164
weight-lift	0.7883	0.0847	0.7726	0.7307	0.3256
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.6500	0.1750	0.5804	0.5333	0.2072
wilt	0.9772	0.0228	0.8693	0.7324	0.3274
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5975	0.1342	0.2845	0.3262	0.3398
winequality-white	0.5051	0.1650	0.2946	0.1556	0.3962
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.8484	0.0433	0.5289	0.8041	0.1008
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.3125	0.0917	0.2319	0.2667	0.1785
yeast	0.4730	0.1171	0.3630	0.3221	0.3472
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.4258	0.1148	0.3414	0.3327	0.3106

Table 376: Detailed results for NBC(R)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1277	0.0831	0.1034	0.0429	0.5075
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.8630	0.1370	0.5563	0.1010	0.5763
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.8810	0.1190	0.5325	0.0597	0.7131
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.6190	0.3810	0.5508	0.0885	0.7502
AID_602330	0.9323	0.0677	0.5493	0.0983	0.6373
AID_652128	0.6061	0.2626	0.4056	0.0438	0.4996
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8122	0.1878	0.7391	0.4776	0.7078
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7907	0.2093	0.7679	0.5351	0.7008
anneal	0.7079	0.1169	0.1658	0.0000	0.2204
antivirus	0.8649	0.1351	0.7597	0.3934	0.2846
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.8957	0.0522	0.8589	0.8100	0.2762
anuran-genus	0.9207	0.0198	0.8734	0.8746	0.2033
anuran-species	0.9528	0.0094	0.9115	0.9347	0.1166
anxiety	0.1000	0.2000	0.0217	-0.0097	0.4840
apple-quality	0.6950	0.3050	0.6950	0.3900	0.8275
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia	0.5778	0.0844	0.1758	0.0747	0.2437
auction	0.9069	0.0931	0.7535	0.4444	0.4313

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.9615	0.0385	0.9602	0.9201	0.2283
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.6897	0.3103	0.7395	0.3650	0.4882
autos	0.6000	0.1600	0.4628	0.4366	0.2759
avila	0.6737	0.0544	0.6216	0.5269	0.3348
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.9355	0.0430	0.6451	0.8786	0.0817
bank	0.8876	0.1124	0.6546	0.0038	0.2424
banknote	0.8978	0.1022	0.8971	0.7938	0.4409
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8618	0.1382	0.8493	0.6841	0.4828
basehock	0.5678	0.4322	0.6542	0.1394	0.5219
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.8097	0.6018	0.5323
biodeg	0.7429	0.2571	0.7875	0.5133	0.5626
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0013	0.0451	0.0002	0.2264
bitcoin1%	0.9846	0.0044	0.1417	-0.0014	0.3248
bitcoin10%	0.9851	0.0027	0.0961	0.0082	0.2513
body-perf	0.5694	0.2153	0.5671	0.4259	0.5772
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co	0.4545	0.5455	0.4500	-0.1000	1.0000
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.5000	0.1667	0.1111	0.0000	0.3136
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4950	0.3367	0.4005	0.0043	0.3461
car	0.6954	0.1523	0.2051	0.0000	0.2293
card	0.7536	0.2464	0.7460	0.4719	0.7005
cardiotocography	0.7418	0.0516	0.7222	0.6948	0.3412
cardiotocography-nsp	0.8169	0.1221	0.7153	0.5479	0.4859
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9695	0.0203	0.9695	0.9543	0.1041
cars	0.7000	0.2000	0.5863	0.4754	0.5166
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.6046	0.3954	0.6090	0.1666	0.7938
cas_N6512_RDkit_AtomPair_FP	0.5936	0.4064	0.5979	0.1406	0.7864
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.6262	0.3738	0.6226	0.2448	0.9055
cas_N6512_rdkit_FEATMORGAN	0.6498	0.3502	0.6536	0.3036	0.8681
cas_N6512_RDkit_Featmorgan_FP	0.6472	0.3528	0.6556	0.3028	0.8565
cas_N6512_RDkit_FP	0.6181	0.3819	0.6171	0.2340	0.9112
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.6989	0.3011	0.6963	0.3924	0.8235
cas_N6512_RDkit_MACCS_FP	0.6672	0.3328	0.6812	0.3457	0.8126
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.6692	0.3308	0.6691	0.3375	0.8568
cas_N6512_RDkit_pattern_FP	0.6641	0.3359	0.6653	0.3292	0.8594
cas_N6512_rdkit_RDKITFP	0.5975	0.4025	0.6003	0.1987	0.9224
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6995	0.3005	0.6989	0.3868	0.7909
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9872	0.0128	0.6848	0.1198	0.1701
chrom191%	0.9894	0.0106	0.7083	0.1801	0.2369
chrom1910%	0.9926	0.0074	0.6690	0.1695	0.2638
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8240	0.1760	0.6984	0.3840	0.6996
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6632	0.3368	0.6210	0.1671	0.7225
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6429	0.2381	0.4354	0.2085	0.3880
cjs	0.6357	0.1214	0.5647	0.5440	0.2527
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7630	0.1185	0.4899	0.6128	0.3305
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.8200	0.1800	0.4505	-0.0976	0.7500
cmc	0.5102	0.3265	0.5016	0.2529	0.7104
cnae-9	0.2130	0.1749	0.1231	0.1146	0.3741
codon_usage	0.6193	0.0692	0.5530	0.5421	0.4098
coil20	0.9444	0.0056	0.9476	0.9415	0.0401
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.3000	0.0933	0.3689	0.2717	0.2708
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.7241	0.2759	0.7379	0.4579	0.7367
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.7586	0.2414	0.6090	0.2162	0.7841
colposcopies-6	0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.8065	0.1290	0.7790	0.6890	0.2725
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7644	0.2356	0.7649	0.5285	0.7236
coupon	0.5938	0.4062	0.6067	0.2046	0.8961
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.5912	0.4088	0.6607	0.1512	0.3161
crabs	0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9940	0.0060	0.7190	0.3181	0.4143
crowdsourced	0.8839	0.0387	0.7350	0.7735	0.4042
cryotherapy	0.6667	0.3333	0.6582	0.3077	0.8482
cultivars	0.4062	0.0297	0.2744	0.3896	0.0853
cybersecurity	0.1633	0.2789	0.1617	-0.0152	0.6405
cyclopentane	0.5556	0.4444	0.5500	0.1000	0.9644
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7960	0.2040	0.6409	0.1648	0.5580
defect	0.8951	0.1049	0.7828	0.4816	0.3221
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9785	0.9664	0.0409
desharnais	0.5000	0.3333	0.4036	0.1795	0.3510
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.2500	0.5000	0.1333	0.0000	0.4234
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8462	0.1538	0.8361	0.6623	0.5407
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all	0.5782	0.1687	0.4952	0.3679	0.4214
dishonest	0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5000	0.5000	0.4203	-0.1250	0.9838
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7043	0.1971	0.6292	0.4723	0.4106
drug-01	0.3989	0.1717	0.1457	0.0599	0.5461
drug-02	0.4840	0.1474	0.2387	0.1819	0.4834
drug-03	0.6383	0.1033	0.1750	0.0899	0.3921
drug-04	0.4840	0.1474	0.1442	0.0586	0.6309
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3989	0.1717	0.3300	0.2579	0.5021
drug-07	0.4309	0.1626	0.1446	0.0822	0.4291
drug-08	0.5053	0.1413	0.1733	0.1615	0.5371
drug-09	0.8298	0.0567	0.2238	0.1484	0.3245
drug-10	0.5000	0.1429	0.1860	0.1324	0.5693
drug-11	0.7819	0.0623	0.1525	0.1162	0.3000
drug-12	0.7713	0.0654	0.1546	0.0115	0.4713
drug-13	0.6170	0.1094	0.2464	0.2871	0.3951
drug-14	0.5266	0.1353	0.2734	0.2193	0.6417
drug-15	0.7021	0.0851	0.1404	0.1341	0.5274
drug-16	0.5691	0.1231	0.2307	0.2962	0.4777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-17	0.3617	0.1824	0.2879	0.1544	0.5965
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.6543	0.0988	0.1749	0.0214	0.7062
drybean	0.9023	0.0279	0.9091	0.8818	0.1457
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.8012	0.5769	0.6201
ecoliMU	0.6970	0.3030	0.6205	0.1667	0.5194
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2679	0.0242	0.8129
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.2403	0.0950	0.2107	0.1671	0.6413
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4795	0.2082	0.3840	0.3123	0.4844
euthyroid	0.8987	0.1013	0.4733	-0.0062	0.3771
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5250	0.4750	0.5250	0.0500	0.9851
fbis-wc	0.2114	0.0928	0.0790	0.0606	0.3566
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4902	0.5098	0.4812	-0.0376	1.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.9249	0.8462	0.0696
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9137	0.8945	0.1419
gas	0.6707	0.1098	0.6844	0.6061	0.3666
gastrointestinal	0.5625	0.2917	0.6672	0.3373	0.3464
gender	0.5347	0.3102	0.3441	0.0692	0.5452
gene	0.8864	0.0757	0.8812	0.8218	0.2929
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
glass	0.7619	0.0794	0.8288	0.6688	0.2043
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP	0.7143	0.2857	0.7361	0.4375	0.7044
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.5714	0.4286	0.6434	0.1043	0.2369
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8571	0.1429	0.8643	0.7154	0.5020
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.3333	0.3333	0.3103	0.0854	0.3769
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.7492	0.1003	0.7507	0.6784	0.3627
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8721	0.0365	0.5824	0.8140	0.2021
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.5294	0.4706	0.4617	-0.0625	0.9644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.8065	0.1935	0.8046	0.6092	0.6543
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9060	0.0940	0.8902	0.7669	0.3430
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs	0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6445	0.3555	0.6415	0.2803	0.8818
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.3571	0.1607	0.1970	0.2125	0.2636
hinselmann	0.5000	0.5000	0.3333	-0.3158	0.8298
hitters	0.4688	0.5312	0.3191	0.0000	0.5307
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.7140	0.1907	0.7213	0.5726	0.4852
htru2	0.9615	0.0385	0.8929	0.7833	0.4364
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9284	0.0716	0.6877	0.1203	0.1771
ilpd	0.6271	0.3729	0.6368	0.2488	0.7980
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere	0.8857	0.1143	0.8767	0.7473	0.4951
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.7600	0.2400	0.7839	0.4828	0.4416
jm1	0.8007	0.1993	0.6133	0.1993	0.7418
jvowels	0.8695	0.0290	0.8642	0.8521	0.1779
kc1	0.8104	0.1896	0.6226	0.2443	0.7644
kc1-class-level-defectiveornot	0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.6667	0.3333	0.4000	-0.1194	0.4433
kc2	0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.5544	0.2971	0.6099	0.3570	0.5186
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3333	0.0741	0.2805	0.2400	0.4434
krvskp	0.6708	0.3292	0.7366	0.3601	0.5036
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.7059	0.0256	0.6578	0.6901	0.0779
led24	0.3500	0.1444	0.3480	0.2758	0.2983
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7000	0.0231	0.7225	0.6879	0.2642
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
libra	0.9167	0.0111	0.9275	0.9104	0.0362
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9969	0.0031	0.8605	0.6882	0.5201
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6471	0.3529	0.5968	0.1937	0.8945
loan	0.9578	0.0422	0.9559	0.9111	0.2478
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.4144	0.1065	0.1439	0.1508	0.3261
lrs	0.7925	0.0593	0.6683	0.7181	0.2113
lung	0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.8971	0.8174	0.2476
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.8889	0.0370	0.8163	0.8421	0.0589
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5923	0.4077	0.5930	0.1846	0.9311
magic04	0.7659	0.2341	0.7350	0.4211	0.6321
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8511	0.6899	0.5288
marketing	0.8571	0.1429	0.6626	0.0506	0.2855
maternal	0.6634	0.2244	0.6660	0.4756	0.4492
math	0.7250	0.1375	0.5496	0.5421	0.2553
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8654	0.7778	0.1572
mental-health	0.2067	0.3173	0.2146	0.0011	0.7645
messidor	0.6000	0.4000	0.6332	0.2355	0.8266
meter-A	0.7500	0.2500	0.7333	0.4667	0.7630
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.5907	0.4728	0.2675
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.9550	0.0090	0.9558	0.9500	0.0540
mfeat-fou	0.7650	0.0470	0.7656	0.7389	0.1951
mfeat-kar	0.9550	0.0090	0.9565	0.9500	0.0544
mfeat-mor	0.6800	0.0640	0.6493	0.6444	0.2150
mfeat-pix	0.9350	0.0130	0.9373	0.9278	0.0730
mfeat-zer	0.7200	0.0560	0.7262	0.6889	0.2281
mice-prot	0.9722	0.0069	0.9734	0.9682	0.0347
milk	0.9245	0.0503	0.9244	0.8857	0.1689
mines	0.4412	0.2235	0.4715	0.3009	0.4162
mobile	0.8951	0.0037	0.9016	0.8932	0.0465
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9397	0.0603	0.9397	0.8793	0.3048
musk	0.8833	0.1167	0.7741	0.5481	0.6212
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.6295	0.3705	0.6096	0.1528	0.7526
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.6966	0.3034	0.6814	0.3543	0.8173
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.6719	0.3281	0.6709	0.3391	0.8467
MUT_ci300400a_rdkit_descriptors	0.6667	0.3333	0.6527	0.3004	0.8594
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.6311	0.3689	0.6987	0.2635	0.5326
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.5000	0.1667	0.4286	0.4000	0.2097
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.0056	0.1047	0.0006	0.0000	0.1657
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.9211	0.8293	0.4011
newspop	0.5469	0.4531	0.5896	0.1296	0.7978
NHANES_age_prediction	0.9559	0.0441	0.9139	0.8230	0.2683
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5417	0.3056	0.4151	0.0361	0.3592
nursery	0.9151	0.0424	0.6955	0.8742	0.1268
obesity	0.5355	0.1327	0.5965	0.4553	0.3443
obs	0.8056	0.0972	0.8364	0.7156	0.2909
occupancy	0.9844	0.0156	0.9782	0.9563	0.1427
Occupancy_Estimation	0.9852	0.0074	0.9594	0.9552	0.1075
oh0-wc	0.2178	0.1564	0.0649	0.0386	0.4111
oh10-wc	0.1714	0.1657	0.0552	0.0146	0.4663
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0455	0.0012	0.4236
olive	0.9474	0.0117	0.9231	0.9347	0.0366
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.7274	0.2726	0.6612	0.2275	0.5098
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.8701	0.0260	0.8813	0.8556	0.1411
optdigitsZ	0.9466	0.0534	0.8777	0.7333	0.5002
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr	0.7905	0.2095	0.6502	0.1570	0.3351
ozone8hr	0.7470	0.2530	0.6387	0.1933	0.4967
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7062	0.2938	0.7143	0.4085	0.7566
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8254	0.1746	0.8354	0.6543	0.5555
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9488	0.0205	0.7845	0.7424	0.4267
parkinson	0.9333	0.0667	0.9329	0.8638	0.3290
parkinsons	0.8341	0.1659	0.8294	0.6189	0.4480
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8462	0.1538	0.8369	0.6564	0.5703
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.6214	0.2387	0.6639
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8158	0.1842	0.7462	0.4909	0.6969
pediatric-leukemia	0.6176	0.1092	0.4339	0.5078	0.2562
pendigits	0.8835	0.0233	0.8880	0.8706	0.1322
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0627	0.1172	0.0074	0.0000	0.4134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pet-adoption	0.8700	0.1300	0.8499	0.6967	0.5223
phishing	0.9429	0.0571	0.9399	0.8797	0.2969
PhiUSIIL10%	0.8236	0.1764	0.8339	0.6209	0.4231
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.6072	0.1122	0.6043	0.5381	0.3887
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.6511	0.0997	0.6380	0.5899	0.3410
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7796	0.2204	0.7637	0.5123	0.6915
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6842	0.3158	0.6565	0.2985	0.8279
pirvision	0.9366	0.0422	0.8751	0.8162	0.2838
placement	0.7790	0.2210	0.7758	0.5507	0.7044
plant-growth	0.8421	0.1579	0.8444	0.6851	0.5655
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9514	0.0486	0.5683	0.0325	0.3073
polish-4th	0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th	0.9306	0.0694	0.5966	0.0403	0.2959
polya	0.7330	0.2670	0.7146	0.4285	0.7861
popularity	0.5311	0.3126	0.3929	0.1641	0.4640
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6954	0.3824	0.8104
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2121	0.1212	0.0730	0.0456	0.3573
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE	0.7273	0.2727	0.7609	0.4211	0.4644
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8896	0.0442	0.8060	0.8502	0.1871
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9737	0.0263	0.9226	0.8450	0.3317
raisin	0.8444	0.1556	0.8476	0.6889	0.5491
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.2289	0.0617	0.0237	0.0098	0.3500
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9846	0.0154	0.9845	0.9688	0.0974
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5225	0.4775	0.6343	0.1567	0.6343
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8118	0.0627	0.8000	0.7703	0.2522
satimageF	0.9829	0.0171	0.9549	0.9090	0.1719

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimageT	0.8585	0.1415	0.7755	0.4896	0.5752
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5000	0.5000	0.5000	0.0000	0.7508
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8910	0.1090	0.6362	0.2633	0.6378
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.8571	0.0952	0.8631	0.7857	0.2706
segment	0.9091	0.0260	0.9169	0.8937	0.1177
segmentation	0.7673	0.2327	0.7609	0.5154	0.7170
segmentO	0.9740	0.0260	0.9498	0.8990	0.2748
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9467	0.8928	0.2097
sens-1-gram	0.8447	0.1553	0.5585	0.0989	0.7273
sens-10-gram	0.2310	0.7690	0.5540	0.0280	0.3415
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8289	0.1711	0.5810	0.1587	0.7589
sens-6-gram	0.6289	0.3711	0.5238	0.0377	0.6539
sens-7-gram	0.3789	0.6211	0.5310	0.0290	0.4831
sens-8-gram	0.1895	0.8105	0.5228	0.0091	0.3456
sens-9-gram	0.2079	0.7921	0.5446	0.0200	0.3329
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8654	0.1346	0.6882	0.2226	0.3953
shuttle	0.9926	0.0021	0.5980	0.9792	0.1822
sick	0.7905	0.2095	0.7114	0.2930	0.4570
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9470	0.0530	0.9185	0.8368	0.3415
skin10%	0.9371	0.0629	0.9026	0.8045	0.3767
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1800	0.3280	0.1430	-0.0327	0.6926
solar-flare	0.7410	0.0863	0.5412	0.6640	0.1986
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.7794	0.0232	0.8115	0.7616	0.0743
spam-detection	0.9385	0.0615	0.7973	0.5864	0.4928
spambase	0.7283	0.2717	0.7636	0.4806	0.6414
spect	0.6667	0.3333	0.6421	0.2569	0.7546
spectf	0.8571	0.1429	0.8654	0.6957	0.4644
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.9085	0.0915	0.9015	0.7836	0.4149
splice-IE	0.8139	0.1861	0.8228	0.5918	0.5348
sport-articles	0.7700	0.2300	0.7579	0.5148	0.7276
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.4839	0.5161	0.6477	0.1507	0.5254
steel_industry	0.7840	0.1440	0.7432	0.6469	0.3650
steel-b	0.6667	0.3333	0.6723	0.2934	0.6901
steel-d	0.9744	0.0256	0.8355	0.6539	0.5313
steel-k	0.9641	0.0359	0.9439	0.8868	0.2321
steel-o	0.5795	0.4205	0.6234	0.2139	0.8090
steel-p	0.8205	0.1795	0.7602	0.4030	0.4894
steel-s	0.9795	0.0205	0.8697	0.7393	0.4154
steel-z	0.9282	0.0718	0.8455	0.6694	0.5434
stellar	0.5945	0.2703	0.2486	0.0000	0.3397

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stock	0.8125	0.1875	0.6879	0.3757	0.7383
stockb	0.9604	0.0264	0.9619	0.9405	0.0985
streaming	0.9620	0.0380	0.9622	0.9227	0.1875
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4600	0.2160	0.3187	0.2075	0.5622
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3300	0.2680	0.1196	-0.0772	0.4536
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.4580	0.5420	0.3141	0.0000	0.5307
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_flocking	0.8930	0.1070	0.8933	0.7860	0.4492
tae	0.4000	0.4000	0.3279	0.1000	0.6008
telco-churn	0.8565	0.1435	0.8118	0.6226	0.5976
texture	0.8073	0.0350	0.8154	0.7876	0.1957
theorem	0.6825	0.3175	0.7214	0.3956	0.7028
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.7263	0.2737	0.6810	0.3578	0.8063
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5882	0.4118	0.6016	0.1905	0.8702
toxicity-13f	0.8235	0.1765	0.8020	0.5984	0.6209
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.4920	-0.0141	0.8877
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1673	0.0544	0.2091
trec23-wc	0.3810	0.2063	0.0920	-0.0500	0.4201
trec31-wc	0.3656	0.2115	0.0892	-0.0150	0.3774
trec41-wc	0.0682	0.1864	0.0573	0.0432	0.3686
trec45-wc	0.0145	0.1971	0.0029	0.0000	0.3968
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.7000	0.1500	0.6940	0.6000	0.3507
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8615	0.1385	0.8494	0.6921	0.5167
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9592	0.0408	0.4896	-0.0132	0.5628
ur3_cobotops_stop	0.7184	0.2816	0.6359	0.1174	0.2847
urban	0.7164	0.0630	0.7526	0.6685	0.2121
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.6190	0.1905	0.6023	0.4919	0.4219
vehicleVAN	0.7619	0.2381	0.7964	0.5181	0.5265
voice	0.6667	0.3333	0.7500	0.4000	0.5283
vote	0.9535	0.0465	0.9555	0.9071	0.2027
vowel	0.4646	0.0973	0.4934	0.4111	0.2604
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.6154	0.0769	0.5049	0.5667	0.1104
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.6301	0.1057	0.6294	0.5670	0.3548
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2533	0.3733	0.2495	0.0009	0.8371
waveform	0.8120	0.1253	0.8254	0.7181	0.3327
web-phishing	0.8296	0.1136	0.5731	0.6801	0.3020
Weekly	0.9815	0.0185	0.9812	0.9625	0.1262
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9482	0.0518	0.4867	-0.0040	0.3208
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5723	0.1426	0.3185	0.3353	0.4566
winequality-white	0.4601	0.1543	0.2570	0.2126	0.6510
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.6875	0.0417	0.6462	0.6639	0.0804
yeast	0.5270	0.1051	0.3375	0.3895	0.4725
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9392	0.0608	0.7807	0.4478	0.4858
yeastME1	0.9459	0.0541	0.7910	0.4789	0.5000
yeastME2	0.9324	0.0676	0.6251	0.2503	0.6337
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 377: Detailed results for NBC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0624	0.0647	0.0505	0.0423	0.4162
abalone19	0.4856	0.5144	0.4495	-0.0050	0.0531
abalone9-18	0.5342	0.4658	0.5770	0.0570	0.2924
accelerometer	0.7227	0.2773	0.6070	0.0548	0.1628
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9573	0.0427	0.9151	0.8292	0.3809
adult	0.7340	0.2660	0.7407	0.4321	0.6583
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_KlekotaRothFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_MACCSFingerprinter	0.7222	0.2778	0.4194	-0.1360	0.5913
AID_1878	0.6190	0.3810	0.5827	0.1386	0.7200
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.2222	0.5185	0.4516	0.0490	0.2876
AID1284Morered	0.7778	0.2222	0.6049	0.2044	0.7424
AID1284red	0.7222	0.2778	0.5028	0.0055	0.7605
AID1608Morered	0.7573	0.2427	0.5264	0.0388	0.5151
AID1608red	0.7961	0.2039	0.5006	0.0009	0.5061
AID362red	0.9019	0.0981	0.5226	0.0218	0.2554
AID373AID439red	0.9655	0.0345	0.4912	-0.0003	0.0081
AID373red	0.6123	0.3877	0.5616	0.0014	0.0087
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9238	0.0762	0.4802	-0.0058	0.0704
AID604	0.4950	0.5050	0.5642	0.0040	0.0233
AID604AID644_AllRed	0.9967	0.0033	0.4992	-0.0014	0.3657
AID644Morered	0.4000	0.6000	0.3434	-0.3043	0.9574
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.7737	0.2263	0.5605	0.0015	0.0079
AID687red	0.4282	0.5718	0.4811	-0.0008	0.0218
AID688red	0.6057	0.3943	0.5120	0.0022	0.0734
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.7351	0.2649	0.5844	0.0030	0.0114
AID746red	0.3620	0.6380	0.5513	0.0041	0.0313
aids	0.8122	0.1878	0.7391	0.4776	0.7078
air_pollution	0.4100	0.1686	0.2107	0.0108	0.3696
air-booking	0.8490	0.1510	0.5944	0.1096	0.5821
airline	0.8472	0.1528	0.8440	0.6877	0.5691
alcohol	0.6762	0.1295	0.2472	0.2372	0.4294
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7907	0.2093	0.7679	0.5351	0.7008
anneal	0.9101	0.0360	0.9217	0.8297	0.2237
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9736	0.0264	0.7615	0.3787	0.4329
anuran-family	0.8122	0.0939	0.8106	0.6799	0.3745
anuran-genus	0.8261	0.0435	0.7376	0.7349	0.3176
anuran-species	0.9028	0.0194	0.7997	0.8657	0.1590
anxiety	0.0750	0.2056	0.0694	-0.0410	0.8349
apple-quality	0.6950	0.3050	0.6950	0.3900	0.8275
aps-failure	0.9549	0.0451	0.7537	0.4011	0.4789
arabidopsis	0.8374	0.1626	0.6295	0.0563	0.1226
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9647	0.0353	0.6785	0.2304	0.3636
arabidopsis10%	0.8352	0.1648	0.6232	0.0525	0.1207

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia	0.6222	0.0581	0.3722	0.4321	0.3475
auction	0.7500	0.2500	0.7104	0.3412	0.5827
audiology	0.6522	0.0290	0.2847	0.6009	0.0731
audit-risk	0.9744	0.0256	0.9742	0.9470	0.1562
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9571	0.0429	0.9470	0.8934	0.2857
autism-child	0.7931	0.2069	0.7947	0.5837	0.6596
autos	0.4500	0.1833	0.4768	0.3210	0.3543
avila	0.3067	0.1156	0.4327	0.2234	0.6489
babies	0.4194	0.1659	0.1347	0.0712	0.3794
balance	0.9032	0.0645	0.6222	0.8180	0.1797
bank	0.7543	0.2457	0.6884	0.3025	0.5818
banknote	0.8613	0.1387	0.8594	0.7188	0.5361
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8618	0.1382	0.8493	0.6841	0.4828
basehock	0.9849	0.0151	0.9849	0.9698	0.1049
bio	0.9931	0.0069	0.8327	0.6588	0.5003
bio10%	0.9890	0.0110	0.7898	0.5504	0.5410
biodeg	0.7238	0.2762	0.7602	0.4727	0.6459
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0010	0.0342	0.0000	0.0117
bitcoin1%	0.3587	0.0442	0.0455	0.0086	0.0787
bitcoin10%	0.3456	0.0451	0.0649	0.0160	0.0838
body-perf	0.5448	0.2276	0.5374	0.3930	0.6022
bookings	0.9746	0.0169	0.7201	0.9468	0.0968
brain-tumor	0.5070	0.4930	0.5069	0.0138	0.9956
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5820	0.5644	0.1810
bridges	0.9000	0.0286	0.6767	0.8571	0.0295
bub10at310k-hg16-17	0.6513	0.3487	0.6535	0.1876	0.4508
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4770	0.3487	0.2785	-0.0238	0.4690
car	0.8793	0.0603	0.6675	0.7448	0.3160
car-insurance	0.8010	0.1990	0.7749	0.5487	0.6908
card	0.8406	0.1594	0.8355	0.6681	0.5759
cardiotocography	0.5822	0.0836	0.6249	0.5300	0.3465
cardiotocography-nsp	0.8169	0.1221	0.7182	0.5842	0.5233
cardiovascular	0.5997	0.4003	0.6200	0.1990	0.8149
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.8000	0.6930	0.3967
cas_N6512_cdk_ECFP2	0.7112	0.2888	0.7083	0.4155	0.8057
cas_N6512_rdkit_ATOMPAIR	0.6338	0.3662	0.6310	0.2420	0.8530
cas_N6512_RDkit_AtomPair_FP	0.6457	0.3543	0.6458	0.2648	0.8245
cas_N6512_rdkit_AVALON	0.7081	0.2919	0.7093	0.4169	0.8051
cas_N6512_RDkit_Avalon_FP	0.7408	0.2592	0.7447	0.4843	0.7495
cas_N6512_rdkit_descriptors	0.6708	0.3292	0.6724	0.3429	0.8506
cas_N6512_rdkit_FEATMORGAN	0.6728	0.3272	0.6776	0.3502	0.8388
cas_N6512_RDkit_Featmorgan_FP	0.7500	0.2500	0.7493	0.4983	0.7500
cas_N6512_RDkit_FP	0.6518	0.3482	0.6586	0.3105	0.8569
cas_N6512_rdkit_LAYERED	0.7015	0.2985	0.7104	0.4099	0.7876
cas_N6512_RDkit_Layered_FP	0.6810	0.3190	0.6890	0.3689	0.8176

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.6851	0.3149	0.6887	0.3734	0.8277
cas_N6512_RDkit_MACCS_FP	0.6948	0.3052	0.7037	0.3967	0.7965
cas_N6512_rdkit_MORGAN	0.7385	0.2615	0.7382	0.4758	0.7665
cas_N6512_RDkit_morgan_FP	0.7301	0.2699	0.7304	0.4597	0.7772
cas_N6512_rdkit_PATTERN	0.6446	0.3554	0.6561	0.3002	0.8484
cas_N6512_RDkit_pattern_FP	0.6718	0.3282	0.6895	0.3567	0.7918
cas_N6512_rdkit_RDKITFP	0.6882	0.3118	0.6974	0.3838	0.8040
cas_N6512_rdkit_TORSION	0.6862	0.3138	0.6828	0.3607	0.8301
ccds	0.7171	0.2829	0.6013	0.0919	0.3109
ccds1%	0.8049	0.1951	0.5918	0.1074	0.3792
ccds10%	0.7315	0.2685	0.6121	0.1033	0.3104
cdc_diabetes	0.7554	0.1631	0.4407	0.2737	0.6109
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7360	0.2763	0.7325	0.4428	0.7439
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9063	0.0937	0.6808	0.3164	0.5558
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.7696	0.2304	0.5966	0.1161	0.4081
CDS49_AID687_Rdkit-ecfp4-fp	0.9918	0.0082	0.5405	0.0657	0.3802
census	0.7579	0.2421	0.6857	0.2377	0.4303
census10%	0.7533	0.2467	0.6888	0.2311	0.4054
central-nervous-system	0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B	0.9419	0.0581	0.8271	0.6362	0.5550
cervical-C	0.8488	0.1512	0.5983	0.1669	0.5605
cervical-H	0.9070	0.0930	0.7839	0.4625	0.5000
cervical-S	0.9419	0.0581	0.8588	0.7051	0.5207
children-anemia	0.4026	0.2987	0.2955	0.0932	0.7663
chrom19	0.9872	0.0128	0.6849	0.1199	0.1703
chrom191%	0.9800	0.0200	0.6885	0.1033	0.1436
chrom1910%	0.9892	0.0108	0.6767	0.1385	0.2056
chrom21	0.8912	0.1088	0.6030	0.0018	0.0046
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9848	0.0152	0.6268	0.0198	0.0367
chronic-kidney	0.9217	0.0783	0.6116	0.1148	0.4393
churn	0.8240	0.1760	0.6984	0.3840	0.6996
churn-bigml	0.8464	0.1536	0.5813	0.1102	0.6447
ci900367j_MACCS	0.7263	0.2737	0.7093	0.4185	0.7965
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.2619	0.4921	0.4047	0.0524	0.5750
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7630	0.1185	0.4899	0.6128	0.3305
climate	0.8704	0.1296	0.7868	0.4765	0.5131
cll_sub_111	0.6667	0.2222	0.6933	0.4667	0.4938
cm1	0.7400	0.2600	0.5000	0.0000	0.6497
cmc	0.4558	0.3628	0.4563	0.1761	0.7626
cnae-9	0.9722	0.0062	0.9733	0.9688	0.0314
codon_usage	0.5549	0.0809	0.5275	0.4701	0.4321
coil20	0.9167	0.0083	0.9252	0.9123	0.0525
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.5200	0.0640	0.4902	0.4702	0.2575
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.6897	0.3103	0.6845	0.3680	0.8334
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.8710	0.1290	0.8634	0.7195	0.5250
column-3c	0.8065	0.1290	0.7790	0.6890	0.2725

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5345	0.4723	0.5371	0.0313	0.7866
comedy_comparisons1%	0.5101	0.4899	0.5060	0.0117	0.9885
comedy_comparisons10%	0.5591	0.4409	0.5574	0.1144	0.9610
connect-4	0.9498	0.0335	0.6224	0.4233	0.5004
cottonmeloidogyne	0.7812	0.2188	0.7816	0.5626	0.6968
coupon	0.6175	0.3825	0.6211	0.2386	0.8968
covid19	0.5219	0.1366	0.2013	0.1357	0.5619
covtype	0.5507	0.1284	0.5039	0.3283	0.5546
covtype10%	0.5647	0.1244	0.5011	0.3447	0.5890
covtypeCD	0.9463	0.0537	0.8805	0.7577	0.3777
covtypeT	0.9244	0.0756	0.7551	0.5016	0.6076
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9993	0.0007	0.8958	0.7913	0.3225
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8332	0.0556	0.6547	0.6858	0.4825
cryotherapy	0.7778	0.2222	0.8000	0.5263	0.4308
cultivars	0.4062	0.0297	0.2813	0.3896	0.0853
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.1624	-0.0089	0.8912
cyclopentane	0.6296	0.3704	0.6326	0.2623	0.8892
cylinder-bands	0.7037	0.2963	0.7024	0.3504	0.6949
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.6154	0.3846	0.6717	0.1772	0.3467
dating	0.0998	0.1800	0.1002	-0.0001	0.9227
day1%	0.6178	0.3647	0.6235	0.2533	0.8405
dbworld	0.8571	0.1429	0.8750	0.7200	0.4011
default	0.6903	0.3097	0.6620	0.2964	0.7450
defect	0.8951	0.1049	0.7828	0.4816	0.3221
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8536	0.1464	0.6632	0.3257	0.7055
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.6525	0.4146	0.3469
dexter	0.9000	0.1000	0.9036	0.8000	0.3911
df_final	0.6875	0.2083	0.7296	0.5181	0.4007
DIA	0.7167	0.2833	0.6471	0.2917	0.8145
diabetes	0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k	0.9128	0.0872	0.5987	0.1157	0.5051
diabetes-risk	0.8541	0.1459	0.7519	0.4743	0.5795
diabetic	0.5619	0.2921	0.4278	0.1888	0.7006
diabetic1%	0.5588	0.2941	0.3685	0.1533	0.5355
diabetic10%	0.5403	0.3065	0.3962	0.1422	0.6835
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.5287	0.1885	0.4382	0.3346	0.6478
dishonest	0.9062	0.0938	0.8890	0.7757	0.4232
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9218	0.0782	0.5929	0.0293	0.0804
dna1%	0.8555	0.1445	0.6415	0.0274	0.0515
dna10%	0.9691	0.0309	0.6189	0.0844	0.1773
dorothea	0.9043	0.0957	0.6645	0.3061	0.6194
dota2	0.5948	0.4052	0.5945	0.1889	0.9323
dota210%	0.5699	0.4301	0.5689	0.1377	0.9535
drebin	0.9242	0.0758	0.9232	0.8418	0.3602
dropout	0.6998	0.2001	0.6213	0.4990	0.5485

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.2819	0.2052	0.2187	0.0275	0.7038
drug-02	0.5213	0.1368	0.3505	0.3138	0.5254
drug-03	0.4628	0.1535	0.2011	0.1317	0.5504
drug-04	0.4947	0.1444	0.1114	0.0357	0.4048
drug-05	0.5266	0.1353	0.1677	0.1026	0.4566
drug-06	0.3564	0.1839	0.2546	0.2210	0.6174
drug-07	0.3564	0.1839	0.1534	0.0703	0.4624
drug-08	0.4415	0.1596	0.1696	0.1292	0.4367
drug-09	0.6117	0.1109	0.2478	0.1853	0.3575
drug-10	0.5372	0.1322	0.1662	0.2120	0.3614
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.6117	0.1109	0.1912	0.1978	0.3594
drug-13	0.5851	0.1185	0.2044	0.2801	0.6819
drug-14	0.5479	0.1292	0.3350	0.2895	0.7233
drug-15	0.5745	0.1216	0.1626	0.1434	0.3366
drug-16	0.6170	0.1094	0.3286	0.3876	0.3464
drug-17	0.3404	0.1885	0.2578	0.1487	0.6906
drug-18	0.7128	0.1149	0.1670	0.0127	0.1056
drug-19	0.5106	0.1398	0.2104	0.1576	0.3188
drybean	0.8935	0.0304	0.9051	0.8713	0.1570
ecoli	0.5882	0.1029	0.2579	0.4174	0.2297
ecoliCP-IM	0.9545	0.0455	0.9519	0.8991	0.1675
ecoliM	0.6364	0.3636	0.7288	0.3444	0.5239
ecoliMU	0.6667	0.3333	0.6965	0.2390	0.4064
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.3000	0.3500	0.3013	0.0665	0.8142
eeg	0.2294	0.0963	0.2403	0.1652	0.7793
eeg-eye	0.5728	0.4272	0.5896	0.1676	0.9028
eeg10%	0.1472	0.1066	0.2384	0.1055	0.5927
email_phishing	0.9867	0.0133	0.4967	-0.0000	0.0618
eucalyptus	0.4247	0.2301	0.4085	0.2591	0.6515
euthyroid	0.6013	0.3987	0.6334	0.1553	0.4502
exon.vs.intron-freq	0.9136	0.0864	0.9145	0.8260	0.3703
exon.vs.intron-freq10%	0.9115	0.0885	0.9127	0.8217	0.3734
fakenews	0.5425	0.4575	0.5422	0.0842	0.9727
farm-ads	0.8865	0.1135	0.8861	0.7721	0.4709
fbis-wc	0.7642	0.0277	0.7419	0.7354	0.2192
fertility	0.2000	0.8000	0.1667	-0.2121	0.4673
finance	0.4510	0.5490	0.4360	-0.1262	1.0000
financial-risk	0.7150	0.0950	0.4690	0.5257	0.4080
fishcatch	0.8750	0.0417	0.9249	0.8462	0.0696
flags	0.2000	0.2000	0.2335	0.0725	0.3978
fonts	0.1661	0.0109	0.0778	0.1527	0.8861
fonts10%	0.1139	0.0116	0.0503	0.0994	0.9978
forest	0.8846	0.0577	0.8587	0.8418	0.1766
gas	0.6377	0.1208	0.6516	0.5649	0.3927
gastrointestinal	0.5625	0.2917	0.6672	0.3373	0.3464
gender	0.4926	0.3382	0.4656	0.1059	0.5461
gene	0.8991	0.0673	0.8873	0.8385	0.2830
german	0.6900	0.3100	0.6528	0.3049	0.8513
gestures	0.8878	0.0561	0.8884	0.8505	0.2149
gina	0.7925	0.2075	0.7933	0.5841	0.6706
gisette	0.9229	0.0771	0.9244	0.8457	0.3409
glass	0.5238	0.1587	0.5721	0.3694	0.3821
glass-g2	0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP	0.6667	0.3333	0.7483	0.3951	0.5223
glassBWNFP	0.5714	0.4286	0.6981	0.2703	0.5297
glassContainers	0.9091	0.0909	0.7250	0.4500	0.6330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.2381	0.7619	0.5625	0.0233	0.1510
GlaucomaM	0.6842	0.3158	0.6833	0.3667	0.8414
gli_85	0.6250	0.3750	0.7241	0.3333	0.5239
glioma	0.6000	0.2000	0.5000	0.4118	0.2785
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.3839	0.1329	0.6032
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.6667	0.3333	0.5739	0.1477	0.8809
hapt	0.7758	0.0374	0.6939	0.7366	0.2612
har	0.5148	0.1941	0.5623	0.4012	0.5505
har70	0.8124	0.0536	0.5068	0.7371	0.2332
har701%	0.8181	0.0520	0.5092	0.7452	0.2240
har7010%	0.8171	0.0522	0.5095	0.7435	0.2287
harth	0.7753	0.0374	0.4013	0.6943	0.2578
harth1%	0.7788	0.0369	0.3981	0.6992	0.2585
harth10%	0.7740	0.0377	0.4031	0.6925	0.2600
hayes-roth	0.5000	0.3333	0.5303	0.2000	0.6258
hcc-survival	0.7059	0.2941	0.6916	0.3511	0.7534
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8387	0.1613	0.8369	0.6723	0.5819
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8280	0.1720	0.8041	0.6075	0.6416
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8000	0.2000	0.8077	0.5455	0.5283
hepmass	0.7990	0.2010	0.8016	0.5980	0.6492
hepmass1%	0.8025	0.1975	0.8044	0.6045	0.6459
hepmass10%	0.7764	0.2236	0.7764	0.5526	0.7066
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.9110	0.8060	0.4011
higgs	0.6029	0.3971	0.6024	0.1804	0.8642
higgs0.1%	0.6164	0.3836	0.6149	0.2115	0.8704
higgs1%	0.6009	0.3991	0.5994	0.1757	0.8691
higgs10%	0.6030	0.3970	0.6032	0.1815	0.8624
higher	0.2143	0.1964	0.1174	0.0667	0.3299
hinselmann	0.4000	0.6000	0.4477	-0.0714	0.7225
hitters	0.8750	0.1250	0.8765	0.7470	0.4704
hiv1-proteasa	0.8853	0.1147	0.8324	0.6494	0.5730
hiva	0.8889	0.1111	0.5815	0.1300	0.4846
horse	0.6111	0.2593	0.5766	0.3522	0.6744
hotel-reservartions	0.7533	0.2467	0.7044	0.3983	0.7583
hr	0.8386	0.1614	0.5152	0.0211	0.7166
ht-sensor	0.6056	0.2630	0.6220	0.4134	0.5535
ht-sensor10%	0.5986	0.2676	0.6159	0.4033	0.5575
htru2	0.9486	0.0514	0.8648	0.7231	0.5010
hypothyroid	0.8276	0.0862	0.3911	0.3131	0.3818
hypothyroidT	0.8435	0.1565	0.6931	0.3313	0.5827
ilpd	0.5254	0.4746	0.6093	0.1648	0.7308
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.8707	0.0647	0.8810	0.8276	0.1574
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8421	0.0121	0.8441	0.8358	0.1219

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.6915	0.3085	0.6224	0.2268	0.7596
jvowels	0.8544	0.0324	0.8475	0.8350	0.1953
kc1	0.6540	0.3460	0.6214	0.1954	0.6584
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.5714	0.0357	0.0570	0.2500	0.1474
kc1-class-level-top5percentDF	0.7333	0.2667	0.4231	-0.1111	0.4921
kc2	0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007	0.8579	0.0355	0.7530	0.8341	0.2120
kddcup98	0.8091	0.1909	0.5403	0.0581	0.4715
kddcup981%	0.8526	0.1474	0.5961	0.1582	0.5361
kddcup9810%	0.6649	0.3351	0.4850	-0.0142	0.3591
kddcup99	0.9915	0.0007	0.4372	0.9855	0.2201
kddcup991%	0.9354	0.0056	0.4304	0.8931	0.1509
kddcup9910%	0.9442	0.0049	0.5179	0.9073	0.3037
kepler	0.8243	0.1172	0.7865	0.7085	0.2062
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.2386	0.0762	0.2380	0.1604	0.5236
krvskp	0.8966	0.1034	0.8963	0.7926	0.4423
la1s-wc	0.8444	0.0519	0.8124	0.8035	0.2727
la2s-wc	0.8576	0.0475	0.8411	0.8206	0.2467
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.6765	0.0162	0.3657	0.6597	0.0656
led24	0.7000	0.0600	0.6964	0.6620	0.1283
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.6340	0.0282	0.6394	0.6193	0.3248
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.7500	0.0333	0.7586	0.7316	0.0918
linkage	0.9997	0.0003	0.9790	0.9579	0.1237
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.9999	0.0001	0.9904	0.9809	0.0645
liver	0.5588	0.4412	0.6542	0.2296	0.6816
loan	0.9438	0.0562	0.9401	0.8801	0.2976
localization	0.1623	0.1523	0.1768	0.0876	0.5919
localization10%	0.2445	0.1374	0.1235	0.0566	0.9470
lrs	0.7925	0.0415	0.4678	0.7181	0.1817
lung	0.9048	0.0381	0.9344	0.8359	0.1342
lung_discrete	0.8750	0.0357	0.6429	0.8431	0.0553
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7857	0.1071	0.6342	0.6147	0.2542
lymphoma2	0.8889	0.0247	0.6525	0.8594	0.0000
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5885	0.4115	0.5892	0.1769	0.9339
magic04	0.7654	0.2346	0.7398	0.4792	0.7454
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8482	0.6891	0.5486
marketing	0.8795	0.1205	0.7397	0.4741	0.6314
maternal	0.5743	0.2838	0.5643	0.3351	0.5475
math	0.6000	0.2000	0.5365	0.3798	0.5992
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2233	0.3107	0.2223	0.0274	0.8452

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6000	0.4000	0.5970	0.1936	0.9252
meter-A	0.3750	0.6250	0.4248	-0.1111	0.9210
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.5907	0.4728	0.2675
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.9300	0.0140	0.9311	0.9222	0.0807
mfeat-fou	0.7400	0.0520	0.7380	0.7111	0.2138
mfeat-kar	0.9400	0.0120	0.9414	0.9333	0.0737
mfeat-mor	0.6000	0.0800	0.6185	0.5556	0.2512
mfeat-pix	0.9400	0.0120	0.9407	0.9333	0.0677
mfeat-zer	0.7200	0.0560	0.7262	0.6889	0.2281
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9245	0.0503	0.9244	0.8857	0.1689
mines	0.4412	0.2235	0.4715	0.3009	0.4162
mobile	0.7727	0.0081	0.7907	0.7686	0.1017
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9107	0.0893	0.9178	0.8223	0.3018
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9951	0.0049	0.9951	0.9902	0.0387
music	0.4406	0.1017	0.4344	0.3089	0.5367
musk	0.8470	0.1530	0.7293	0.4558	0.6868
MUT_ci300400a_cdk_ECFP2	0.7686	0.2314	0.7601	0.5192	0.7244
MUT_ci300400a_cdk_ECFP4	0.7461	0.2539	0.7459	0.4882	0.7486
MUT_ci300400a_cdk_ECFP6	0.7234	0.2766	0.7250	0.4451	0.7767
MUT_ci300400a_cdk_ESTATE	0.6727	0.3273	0.6641	0.3283	0.8580
MUT_ci300400a_cdk_EXTENDED	0.7146	0.2854	0.7151	0.4263	0.7913
MUT_ci300400a_cdk_FCFP2	0.7293	0.2707	0.7186	0.4359	0.7854
MUT_ci300400a_cdk_FCFP4	0.7386	0.2614	0.7302	0.4603	0.7733
MUT_ci300400a_cdk_FCFP6	0.7470	0.2530	0.7509	0.4944	0.7356
MUT_ci300400a_cdk_MACCS	0.6978	0.3022	0.6921	0.3837	0.8252
MUT_ci300400a_cdk_PUBCHEM	0.7198	0.2802	0.7125	0.4250	0.7991
MUT_ci300400a_cdk_STANDARD	0.6934	0.3066	0.6914	0.3805	0.8238
MUT_ci300400a_rdkit_descriptors	0.6905	0.3095	0.6872	0.3735	0.8318
myocardial	0.6471	0.0882	0.2537	0.2101	0.6832
naticusdroid	0.9311	0.0689	0.9313	0.8623	0.3325
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.0741	0.4444	0.6129	0.0312
ncRNA	0.3390	0.0696	0.2650	0.1651	0.2445
ncRNA1%	0.4674	0.0561	0.2328	0.2528	0.5128
ncRNA10%	0.3983	0.0633	0.2064	0.1571	0.3609
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.7038	0.0135	0.7056	0.6949	0.2517
newspop	0.6345	0.3655	0.6349	0.2692	0.8935
NHANES_age_prediction	0.9604	0.0396	0.9237	0.8462	0.2902
nomao	0.8305	0.1695	0.8268	0.6308	0.5818
NPHA-doctor-visits	0.4028	0.3981	0.3096	-0.0636	0.7980
nursery	0.8850	0.0460	0.6635	0.8323	0.1845
obesity	0.5071	0.1408	0.4846	0.4230	0.4715
obs	0.7037	0.1481	0.7503	0.5859	0.3576
occupancy	0.9635	0.0365	0.9535	0.9027	0.2760
Occupancy_Estimation	0.9585	0.0207	0.8958	0.8773	0.1670
oh0-wc	0.8416	0.0317	0.8322	0.8191	0.1487
oh10-wc	0.7143	0.0571	0.6796	0.6753	0.2759
oh15-wc	0.6957	0.0609	0.6863	0.6548	0.2944
oh5-wc	0.7692	0.0462	0.7766	0.7417	0.2085

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.7312	0.0538	0.7150	0.6988	0.3341
olive	0.9649	0.0078	0.9554	0.9565	0.0249
opn310k	0.6294	0.3706	0.6509	0.1766	0.4339
opn310k10%	0.6416	0.3584	0.6473	0.1751	0.4411
opnat310k-hg16-17	0.6396	0.3604	0.6513	0.1808	0.4428
optdigits	0.8915	0.0217	0.8972	0.8793	0.1366
optdigitsZ	0.9680	0.0320	0.9164	0.8246	0.4154
orl	0.9250	0.0037	0.9059	0.9231	0.0126
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr	0.8458	0.1542	0.7217	0.2722	0.3746
ozone8hr	0.7668	0.2332	0.6190	0.1770	0.5281
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7320	0.2680	0.7467	0.4657	0.7035
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8809	0.7481	0.4435
p53-mutants	0.8647	0.1353	0.6651	0.0572	0.0919
p53-mutants10%	0.9013	0.0987	0.6686	0.0548	0.0847
page-blocks	0.9159	0.0336	0.6900	0.5908	0.5727
parkinson	0.8750	0.1250	0.8706	0.7355	0.4757
parkinsons	0.7820	0.2180	0.7753	0.5479	0.7005
parkinsons-small	0.6316	0.3684	0.7286	0.3448	0.5271
particle	0.8233	0.1767	0.7712	0.5374	0.6562
particle10%	0.8115	0.1885	0.7587	0.5151	0.6872
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.8468	0.1532	0.5587	0.1112	0.6399
pcmac	0.4691	0.5309	0.4431	-0.1130	1.0000
pcos	0.9400	0.0600	0.9219	0.8315	0.3833
pd	0.8026	0.1974	0.7617	0.5161	0.6933
pediatric-leukemia	0.7941	0.0588	0.7280	0.7457	0.1749
pendigits	0.8835	0.0233	0.8873	0.8706	0.1332
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8076	0.1924	0.7987	0.5962	0.6608
personalities	0.9078	0.0115	0.9079	0.9017	0.1391
pet-adoption	0.8900	0.1100	0.8747	0.7349	0.3974
phishing	0.9061	0.0939	0.9013	0.8027	0.4233
PhiUSIIL	0.9967	0.0033	0.9967	0.9933	0.0313
PhiUSIIL10%	0.9936	0.0064	0.9935	0.9870	0.0548
phone-acc	1.0000	0.0015	0.9896	1.0000	0.0099
phone-acc0.1%	0.4793	0.1488	0.4685	0.3921	0.5299
phone-acc1%	0.5078	0.1406	0.4915	0.4246	0.5195
phone-acc10%	0.4893	0.1459	0.4725	0.4027	0.5377
phone-gyr	0.9816	0.0001	1.0000	1.0000	0.0012
phone-gyr0.1%	0.5384	0.1319	0.5241	0.4592	0.4584
phone-gyr1%	0.5679	0.1235	0.5521	0.4938	0.4335
phone-gyr10%	0.3696	0.1801	0.3800	0.2630	0.6146
phoneme	0.7759	0.2241	0.7513	0.4933	0.7141
phy	0.6782	0.3218	0.6785	0.3566	0.8468
pima	0.6974	0.3026	0.6716	0.3235	0.8000
pirvision	0.9399	0.0401	0.9252	0.8320	0.2229
placement	0.7790	0.2210	0.7758	0.5507	0.7044
plant-growth	0.8421	0.1579	0.8444	0.6851	0.5655
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.3869	0.1226	0.1177	0.0011	0.8514
poker1%	0.4010	0.1198	0.1020	0.0129	0.6234
poker10%	0.4041	0.1192	0.0979	-0.0016	0.7076
polish-1st	0.9203	0.0797	0.5129	0.0255	0.5990
polish-2nd	0.9341	0.0659	0.5116	0.0228	0.6378
polish-3rd	0.9486	0.0514	0.4868	-0.0071	0.4090

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.5337	0.4663	0.5765	0.0553	0.2850
polish-5th	0.9289	0.0711	0.6577	0.2892	0.5859
polya	0.7330	0.2670	0.7146	0.4285	0.7861
popularity	0.5823	0.2784	0.4752	0.2431	0.7023
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7321	0.1071	0.7341	0.6653	0.3497
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6624	0.3235	0.8639
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4242	0.0523	0.1858	0.3749	0.2025
processed	0.6627	0.3373	0.6688	0.3183	0.7994
profb	0.4925	0.5075	0.5397	0.0664	0.8575
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE	0.5455	0.4545	0.5345	0.0678	0.9704
puc-rio	0.7688	0.0925	0.6565	0.6854	0.3497
puc-rio10%	0.7731	0.0908	0.6505	0.6913	0.3268
pufs-128	0.5112	0.5045	0.4995	-0.0035	1.0000
pufs-1281%	0.5080	0.4920	0.5080	0.0160	0.9953
pufs-12810%	0.4998	0.5002	0.4998	-0.0004	1.0000
pufs-64	0.5022	0.4978	0.5022	0.0044	0.9979
pufs-641%	0.5029	0.4971	0.5029	0.0058	0.9983
pufs-6410%	0.5017	0.4983	0.5017	0.0033	0.9990
pulsar	0.9513	0.0487	0.8592	0.7179	0.4764
raisin	0.8444	0.1556	0.8458	0.6889	0.5627
rcv1	0.6081	0.0143	0.2161	0.5475	0.2469
rcv11%	0.6519	0.0131	0.3401	0.6206	0.4878
rcv110%	0.7177	0.0107	0.4545	0.6913	0.8268
re0-wc	0.6467	0.0544	0.5451	0.5595	0.4943
re1-wc	0.6446	0.0284	0.5942	0.6096	0.3313
rejafada	0.9648	0.0352	0.7584	0.5151	0.5633
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.7277	0.0084	0.3649	0.6531	1.0000
rice	0.9802	0.0198	0.9803	0.9599	0.1108
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5341	0.4659	0.6563	0.1787	0.5749
RT_IOT2022	0.9528	0.0079	0.7710	0.8819	0.0660
satimage	0.7838	0.0721	0.7727	0.7361	0.2758
satimageF	0.9798	0.0202	0.9463	0.8910	0.1828
satimageT	0.8305	0.1695	0.7549	0.4342	0.5652
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.5908	0.1765	0.9230
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8269	0.1731	0.5263	0.0462	0.5790
secondary_mushroom	0.7889	0.2111	0.7894	0.5767	0.6807
seeds	0.8571	0.0952	0.8631	0.7857	0.2706
segment	0.7879	0.0606	0.8329	0.7520	0.1551
segmentation	0.7277	0.2723	0.7191	0.4329	0.7757
segmentO	0.8052	0.1948	0.7840	0.4906	0.5533
seismic	0.7907	0.2093	0.6582	0.2281	0.4950
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.7158	0.2842	0.5389	0.0715	0.7159
sens-10-gram	0.7034	0.2966	0.5932	0.1597	0.6754
sens-2-gram	0.7816	0.2184	0.5971	0.1888	0.7354
sens-3-gram	0.7553	0.2447	0.6354	0.2436	0.6823
sens-4-gram	0.7237	0.2763	0.5690	0.1250	0.7045
sens-5-gram	0.7421	0.2579	0.5917	0.1680	0.7053
sens-6-gram	0.6763	0.3237	0.5579	0.0970	0.6709

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.6263	0.3737	0.6011	0.1467	0.5961
sens-8-gram	0.4474	0.5526	0.5089	0.0099	0.5451
sens-9-gram	0.7158	0.2842	0.5774	0.1371	0.6919
sensorless	0.7550	0.0445	0.7579	0.7305	0.1832
sepsis	0.5318	0.4682	0.5180	0.0188	0.4586
shoppers	0.7721	0.2279	0.7417	0.4178	0.6070
shuttle	0.7286	0.0775	0.5757	0.4441	0.4070
sick	0.7719	0.2281	0.6327	0.1861	0.4888
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9317	0.0683	0.9148	0.8150	0.3990
skin10%	0.9363	0.0637	0.9196	0.8262	0.3869
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2000	0.4000	0.1894	-0.0650	0.8613
smk_can_187	0.5263	0.4737	0.5278	0.0552	0.9801
smoking	0.7166	0.2834	0.7001	0.3995	0.8064
soil_pollution	0.2100	0.3160	0.2108	0.0106	0.8596
solar-flare	0.7338	0.0887	0.6480	0.6616	0.2455
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9118	0.0093	0.9601	0.9039	0.0293
spam-detection	0.9385	0.0615	0.7973	0.5864	0.4928
spambase	0.8587	0.1413	0.8606	0.7135	0.5264
spect	0.6667	0.3333	0.6421	0.2569	0.7546
spectf	0.7714	0.2286	0.8077	0.5484	0.5164
spectrometer	0.4717	0.0220	0.2349	0.4429	0.1462
splice-EI	0.9180	0.0820	0.9100	0.8038	0.3968
splice-IE	0.8139	0.1861	0.8228	0.5918	0.5348
sport-articles	0.8500	0.1500	0.8425	0.6835	0.5745
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7175	0.1884	0.6825	0.5478	0.4992
steel-b	0.6308	0.3692	0.6677	0.2681	0.6584
steel-d	0.7795	0.2205	0.6175	0.1085	0.2968
steel-k	0.9641	0.0359	0.9438	0.8846	0.1919
steel-o	0.5641	0.4359	0.6659	0.2402	0.6540
steel-p	0.7026	0.2974	0.7048	0.2550	0.4085
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.8462	0.1538	0.7639	0.4568	0.5669
stellar	0.7223	0.1851	0.7044	0.4765	0.4214
stock	0.8611	0.1389	0.7518	0.5007	0.6469
stockb	0.9604	0.0264	0.9615	0.9405	0.1093
streaming	0.8260	0.1740	0.8268	0.6513	0.6082
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5250	0.1900	0.3050	0.2722	0.4675
student-depression	0.7792	0.2208	0.7698	0.5347	0.6966
student-habits	0.4400	0.2240	0.2030	0.1091	0.4542
student-weekend	0.3231	0.2708	0.2834	0.1076	0.7595
student-workday	0.6250	0.1500	0.2021	0.1933	0.7103
studentap	0.7692	0.1538	0.7528	0.6455	0.3468
susy	0.7323	0.2677	0.7353	0.4466	0.7171
susy1%	0.7384	0.2616	0.7418	0.4594	0.7066
susy10%	0.7317	0.2683	0.7345	0.4455	0.7196
swarm_aligned	0.7014	0.2986	0.7375	0.4230	0.6687
swarm_flocking	0.8110	0.1890	0.8154	0.6220	0.6134
swarm_grouped	0.9996	0.0004	0.9996	0.9991	0.0060
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8324	0.1676	0.8000	0.5952	0.6423
texture	0.8127	0.0340	0.8252	0.7935	0.2011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.9967	0.0033	0.9966	0.9933	0.0238
thoracic	0.7021	0.2979	0.5259	0.0491	0.7583
thrombin	0.9476	0.0524	0.6547	0.2637	0.5022
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	0.7263	0.2737	0.6810	0.3578	0.8063
tis	0.8527	0.1473	0.8264	0.6412	0.5937
tis10%	0.8134	0.1866	0.7513	0.5025	0.7018
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.5882	0.4118	0.6439	0.2420	0.7707
toxicity-13f	0.8235	0.1765	0.8020	0.5984	0.6209
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7067	0.2933	0.5043	0.0072	0.8694
trec11-wc	0.8049	0.0434	0.8044	0.7690	0.1590
trec12-wc	0.8710	0.0323	0.8870	0.8428	0.0894
trec21-wc	0.6667	0.1111	0.6854	0.5242	0.1802
trec23-wc	0.6667	0.1111	0.8107	0.5836	0.2600
trec31-wc	0.9462	0.0154	0.8085	0.9285	0.0821
trec41-wc	0.8636	0.0273	0.8684	0.8373	0.1654
trec45-wc	0.7971	0.0406	0.7976	0.7681	0.2186
tuandromd	0.9552	0.0448	0.9287	0.8560	0.2794
turkish	0.7750	0.1125	0.7799	0.7000	0.3038
tvnews	0.8062	0.1938	0.7963	0.5909	0.6639
tvnews1%	0.8308	0.1692	0.8159	0.6303	0.6138
tvnews10%	0.7972	0.2028	0.7954	0.5828	0.6600
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7313	0.0597	0.7674	0.6852	0.2081
urinalysis	0.9021	0.0979	0.6674	0.3149	0.6086
url-rep1%	0.9194	0.0806	0.9087	0.8162	0.3798
ustilago	0.8661	0.1339	0.6538	0.0932	0.1700
ustilago1%	0.9837	0.0163	0.5792	0.1584	0.5589
ustilago10%	0.8931	0.1069	0.6436	0.1097	0.2145
vehicle	0.5119	0.2440	0.5095	0.3507	0.5767
vehicleVAN	0.7381	0.2619	0.6056	0.2000	0.8231
voice	0.7500	0.2500	0.7989	0.5263	0.5112
vote	0.9535	0.0465	0.9555	0.9071	0.2027
vowel	0.5859	0.0753	0.6258	0.5444	0.2002
vowelZ	0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17	0.7809	0.2191	0.6936	0.3026	0.5471
wap-wc	0.7244	0.0276	0.6421	0.6969	0.2030
warpar10p	0.8462	0.0308	0.7560	0.8255	0.0452
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc	0.5235	0.1361	0.5113	0.4399	0.4852
watch-acc1%	0.5177	0.1378	0.5089	0.4331	0.4685
watch-acc10%	0.5260	0.1354	0.5130	0.4428	0.4824
watch-gyr	0.4781	0.1491	0.4861	0.3881	0.5155
watch-gyr1%	0.4563	0.1553	0.4661	0.3621	0.5160
watch-gyr10%	0.4768	0.1495	0.4867	0.3865	0.5113
water_pollution	0.2500	0.3750	0.2489	-0.0001	0.8669
waveform	0.8220	0.1187	0.8353	0.7330	0.3139
weather-related	0.9519	0.0087	0.9537	0.9456	0.0716
web-phishing	0.8074	0.1284	0.6420	0.6507	0.4980
Weekly	0.9259	0.0741	0.9286	0.8519	0.3252
weight-lift	0.3664	0.2535	0.3576	0.1874	0.6808
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.8986	0.1014	0.6553	0.2808	0.5805
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4969	0.1677	0.2447	0.2260	0.5853
winequality-white	0.4233	0.1648	0.2752	0.1873	0.6252
winnipeg	0.9204	0.0227	0.8862	0.9001	0.1979
winnipeg10%	0.9285	0.0204	0.8931	0.9100	0.1840
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.7500	0.0333	0.7667	0.7322	0.0678
yeast	0.5270	0.0946	0.2943	0.3884	0.4460
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.8581	0.1419	0.7136	0.2405	0.3372
yeastME1	0.8851	0.1149	0.7292	0.2877	0.3783
yeastME2	0.8514	0.1486	0.6753	0.2576	0.4772
zip	0.7849	0.0430	0.7747	0.7591	0.2437

Table 378: Detailed results for NC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1055	0.0617	0.0583	0.0502	0.5771
abalone19	0.6411	0.3589	0.4939	-0.0009	0.0621
abalone9-18	0.6575	0.3425	0.6131	0.1085	0.3454
accelerometer	0.7752	0.2248	0.6560	0.0986	0.1864
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9543	0.0457	0.9006	0.7804	0.1365
adult	0.7533	0.2467	0.7564	0.4656	0.6453
advanced-iot	0.9470	0.0177	0.9533	0.9364	0.0403
AID_1431	0.3651	0.6349	0.4345	-0.0498	0.4083
AID_1431_KlekotaRothFingerprinter	0.7937	0.2063	0.4797	-0.0387	0.6616
AID_1431_MACCSFingerprinter	0.5238	0.4762	0.4385	-0.0639	0.4662
AID_1878	0.6476	0.3524	0.5659	0.1184	0.7590
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.3535	0.4310	0.3759	0.0555	0.3297
AID1284Morered	0.6944	0.3056	0.5563	0.1000	0.7073
AID1284red	0.6667	0.3333	0.6035	0.1660	0.6472
AID1608Morered	0.8058	0.1942	0.5906	0.1459	0.5531
AID1608red	0.7864	0.2136	0.5488	0.0706	0.4893
AID362red	0.8949	0.1051	0.5204	0.0185	0.2434
AID373AID439red	0.9199	0.0801	0.4791	-0.0003	0.0042
AID373red	0.7135	0.2865	0.5805	0.0027	0.0108
AID439Morered	0.8571	0.1429	0.8250	0.5882	0.5283
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.8948	0.1052	0.4722	-0.0059	0.0554
AID604	0.6960	0.3040	0.5859	0.0093	0.0346
AID604AID644_AllRed	0.7630	0.2370	0.5232	0.0008	0.0124
AID644Morered	0.6000	0.4000	0.5238	0.0476	0.9294
AID644red	0.6000	0.4000	0.5238	0.0476	0.9294
AID687AID721red	0.8010	0.1990	0.5658	0.0018	0.0086
AID687red	0.6625	0.3375	0.5783	0.0064	0.0275
AID688red	0.5649	0.4351	0.5116	0.0019	0.0692
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.5556	0.4444	0.5303	0.0526	0.7987
AID746AID1284red	0.7960	0.2040	0.6211	0.0061	0.0141
AID746red	0.6564	0.3436	0.5829	0.0130	0.0519
aids	0.8122	0.1878	0.7707	0.5337	0.6796
air_pollution	0.0933	0.2590	0.1253	-0.0146	0.7561
air-booking	0.6988	0.3012	0.6519	0.2523	0.6505
airline	0.8324	0.1676	0.8301	0.6601	0.6032
alcohol	0.6762	0.1295	0.3721	0.3811	0.6564
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8326	0.1674	0.8273	0.6483	0.6024
anneal	0.8989	0.0404	0.9122	0.8110	0.2402
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.7232	0.2768	0.6441	0.0413	0.0797
anuran-family	0.7942	0.1029	0.7009	0.6563	0.4196
anuran-genus	0.8067	0.0483	0.6991	0.7103	0.3369
anuran-species	0.9028	0.0194	0.7814	0.8654	0.1648
anxiety	0.0750	0.2056	0.1030	-0.0414	0.8046
apple-quality	0.6350	0.3650	0.6352	0.2700	0.8944
aps-failure	0.9750	0.0250	0.7803	0.5206	0.5468
arabidopsis	0.8236	0.1764	0.6287	0.0521	0.1149
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9673	0.0327	0.6827	0.2452	0.3799
arabidopsis10%	0.8310	0.1690	0.6229	0.0512	0.1183

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia	0.6444	0.0547	0.5595	0.5197	0.2896
auction	0.7402	0.2598	0.6948	0.3154	0.5930
audiology	0.7826	0.0181	0.3539	0.7473	0.0407
audit-risk	0.8846	0.1154	0.8861	0.7466	0.3073
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9429	0.0571	0.9311	0.8601	0.3467
autism-child	0.9310	0.0690	0.9354	0.8626	0.2605
autos	0.5500	0.1500	0.4791	0.4118	0.4148
avila	0.3277	0.1120	0.3486	0.2247	0.8118
babies	0.2903	0.2028	0.1934	0.1276	0.6119
balance	0.8387	0.1075	0.8188	0.7410	0.2939
bank	0.8182	0.1818	0.7099	0.3770	0.6308
banknote	0.8467	0.1533	0.8459	0.6912	0.5691
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8571	0.1429	0.8447	0.6716	0.4822
basehock	0.9548	0.0452	0.9550	0.9096	0.2432
bio	0.9959	0.0041	0.8684	0.7068	0.1066
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.7905	0.2095	0.7936	0.5761	0.6591
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0052	0.0686	0.0529	0.0016	0.2556
bitcoin1%	0.0103	0.0683	0.0373	0.0015	0.0645
bitcoin10%	0.0118	0.0682	0.0524	0.0054	0.1718
body-perf	0.5067	0.2466	0.4967	0.3423	0.6324
bookings	0.8796	0.0802	0.7178	0.7597	0.3172
brain-tumor	0.5110	0.4890	0.5111	0.0222	0.9930
breast-cancer	0.7500	0.2500	0.7056	0.4096	0.7758
breast-cancer-co	0.4545	0.5455	0.4500	-0.1000	1.0000
breast-cancer-ma	0.3636	0.6364	0.2667	-0.3509	1.0000
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.8000	0.0571	0.6857	0.7143	0.1393
bub10at310k-hg16-17	0.6534	0.3466	0.6568	0.1919	0.4494
bub12at310k-hg16-17	0.6559	0.3441	0.6575	0.1936	0.4510
bub8at310k-hg16-17	0.6255	0.3745	0.6559	0.1803	0.4247
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.3020	0.4653	0.3379	0.0027	0.7675
car	0.7184	0.1408	0.6792	0.5310	0.5344
car-insurance	0.7730	0.2270	0.7501	0.4963	0.7272
card	0.8551	0.1449	0.8510	0.6968	0.5304
cardiotocography	0.5681	0.0864	0.6609	0.5160	0.3934
cardiotocography-nsp	0.7559	0.1628	0.6734	0.4955	0.5436
cardiovascular	0.6475	0.3525	0.6483	0.2949	0.8786
cargo2k	0.9949	0.0034	0.9949	0.9924	0.0205
cars	0.6750	0.2167	0.5442	0.4323	0.5215
cas_N6512_cdk_ECFP2	0.6974	0.3026	0.6984	0.3953	0.8197
cas_N6512_rdkit_ATOMPAIR	0.6031	0.3969	0.6061	0.2101	0.9167
cas_N6512_RDkit_AtomPair_FP	0.6227	0.3773	0.6232	0.2456	0.9042
cas_N6512_rdkit_AVALON	0.6375	0.3625	0.6443	0.2823	0.8723
cas_N6512_RDkit_Avalon_FP	0.6442	0.3558	0.6550	0.2987	0.8515
cas_N6512_rdkit_descriptors	0.6246	0.3754	0.6306	0.2561	0.8882
cas_N6512_rdkit_FEATMORGAN	0.6667	0.3333	0.6732	0.3396	0.8404
cas_N6512_RDkit_Featmorgan_FP	0.7239	0.2761	0.7330	0.4541	0.7542
cas_N6512_RDkit_FP	0.6181	0.3819	0.6182	0.2358	0.9093
cas_N6512_rdkit_LAYERED	0.6400	0.3600	0.6384	0.2767	0.8907
cas_N6512_RDkit_Layered_FP	0.6288	0.3712	0.6278	0.2554	0.9011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.6452	0.3548	0.6534	0.2987	0.8594
cas_N6512_RDkit_MACCS_FP	0.6687	0.3313	0.6863	0.3507	0.7963
cas_N6512_rdkit_MORGAN	0.7154	0.2846	0.7165	0.4313	0.7956
cas_N6512_RDkit_morgan_FP	0.7009	0.2991	0.7043	0.4046	0.8082
cas_N6512_rdkit_PATTERN	0.6077	0.3923	0.6098	0.2180	0.9147
cas_N6512_RDkit_pattern_FP	0.6120	0.3880	0.6143	0.2268	0.9102
cas_N6512_rdkit_RDKITFP	0.6052	0.3948	0.6081	0.2142	0.9151
cas_N6512_rdkit_TORSION	0.7092	0.2908	0.7143	0.4226	0.7910
ccds	0.6943	0.3057	0.5984	0.0840	0.2964
ccds1%	0.7720	0.2280	0.5802	0.0840	0.3478
ccds10%	0.7120	0.2880	0.6095	0.0957	0.2972
cdc_diabetes	0.6683	0.2211	0.4621	0.2344	0.5456
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7254	0.2746	0.7368	0.4516	0.7274
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9008	0.0992	0.6756	0.3018	0.5468
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.6780	0.3220	0.5964	0.0904	0.3354
CDS49_AID687_Rdkit-ecfp4-fp	0.9604	0.0396	0.5225	0.0105	0.1049
census	0.7457	0.2543	0.6882	0.2334	0.4145
census10%	0.7380	0.2620	0.6854	0.2190	0.3914
central-nervous-system	0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9070	0.0930	0.5753	0.1506	0.6606
cervical-H	0.9186	0.0814	0.6719	0.3236	0.5957
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.6956	0.1522	0.7149	0.5525	0.4171
chrom19	0.9328	0.0672	0.6603	0.0246	0.0386
chrom191%	0.9083	0.0917	0.6616	0.0227	0.0356
chrom1910%	0.9374	0.0626	0.6597	0.0289	0.0457
chrom21	0.8931	0.1069	0.6033	0.0018	0.0047
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9649	0.0351	0.6217	0.0084	0.0166
chronic-kidney	0.8012	0.1988	0.6891	0.2939	0.5350
churn	0.6950	0.3050	0.6523	0.2780	0.7407
churn-bigml	0.8015	0.1985	0.7297	0.4200	0.6484
ci900367j_MACCS	0.6526	0.3474	0.6510	0.2963	0.8554
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6190	0.2540	0.5464	0.3501	0.6188
cjs	0.9500	0.0167	0.9469	0.9392	0.0788
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.6704	0.1648	0.6045	0.5402	0.4891
climate	0.9074	0.0926	0.8206	0.5714	0.5302
cll_sub_111	0.6667	0.2222	0.6933	0.4667	0.4938
cm1	0.8200	0.1800	0.5411	0.0816	0.7182
cmc	0.4558	0.3628	0.4687	0.1904	0.7496
cnae-9	0.9352	0.0144	0.9392	0.9271	0.0714
codon_usage	0.5533	0.0812	0.4288	0.4784	0.5521
coil20	0.9306	0.0069	0.9382	0.9269	0.0433
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	0.5400	0.0613	0.4883	0.4927	0.2675
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6207	0.3793	0.6107	0.2162	0.8800
colposcopies-2	0.6552	0.3448	0.6338	0.2677	0.8814
colposcopies-3	0.7586	0.2414	0.7549	0.5085	0.7375
colposcopies-4	0.6897	0.3103	0.6266	0.2521	0.8468
colposcopies-5	0.6897	0.3103	0.6819	0.3003	0.6424
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.7931	0.2069	0.7175	0.4351	0.7404
column-2c	0.7419	0.2581	0.7417	0.4655	0.7236
column-3c	0.7419	0.1720	0.7236	0.5941	0.3795

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5297	0.4730	0.5342	0.0322	0.7733
comedy_comparisons1%	0.4960	0.5040	0.4884	-0.0215	0.9851
comedy_comparisons10%	0.5174	0.4845	0.5231	0.0095	0.6352
connect-4	0.9491	0.0339	0.6100	0.4148	0.5004
cottonmeloidogyne	0.7764	0.2236	0.7771	0.5531	0.7035
coupon	0.6364	0.3636	0.6386	0.2741	0.8815
covid19	0.2533	0.2134	0.2370	0.0642	0.6698
covtype	0.5502	0.1285	0.5035	0.3577	0.5752
covtype10%	0.5616	0.1253	0.5049	0.3675	0.5856
covtypeCD	0.8638	0.1362	0.7916	0.5519	0.6064
covtypeT	0.8299	0.1701	0.7017	0.3194	0.5324
crabs	0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans	0.9994	0.0006	0.9139	0.8258	0.2307
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.5475	0.1508	0.5367	0.3606	0.4290
cryotherapy	0.6667	0.3333	0.6582	0.3077	0.8482
cultivars	0.1562	0.0422	0.1071	0.1334	0.1273
customer-churn	0.7936	0.2064	0.6617	0.1209	0.2232
cybersecurity	0.1700	0.2767	0.1714	0.0046	0.8819
cyclopentane	0.6296	0.3704	0.6326	0.2623	0.8892
cylinder-bands	0.7593	0.2407	0.7665	0.4753	0.5747
darwin	0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve	0.5385	0.4615	0.6486	0.1333	0.3113
dating	0.1006	0.1799	0.1055	0.0010	0.8812
day1%	0.9622	0.0254	0.9599	0.9438	0.1614
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.6610	0.3390	0.6351	0.2438	0.7579
defect	0.7623	0.2377	0.7156	0.3823	0.6497
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8186	0.1814	0.7130	0.3860	0.6369
depressed	0.6503	0.3497	0.5724	0.1261	0.7283
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.3750	0.4167	0.3158	0.0244	0.6574
dexter	0.9333	0.0667	0.9372	0.8667	0.2500
df_final	0.7500	0.1667	0.7690	0.6098	0.3265
DIA	0.6500	0.3500	0.6184	0.2222	0.8083
diabetes	0.7885	0.2115	0.8013	0.5806	0.6262
diabetes-100k	0.8993	0.1007	0.7818	0.5278	0.5908
diabetes-risk	0.7899	0.2101	0.7553	0.4814	0.6662
diabetic	0.4707	0.3529	0.4310	0.1523	0.7592
diabetic1%	0.5098	0.3268	0.4296	0.1570	0.7441
diabetic10%	0.4951	0.3366	0.4317	0.1571	0.7663
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8167	0.0917	0.7909	0.7492	0.2810
diamonds_all	0.4195	0.2322	0.3476	0.2028	0.7506
dishonest	0.9062	0.0938	0.8890	0.7757	0.4232
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.4167	0.5833	0.4286	-0.1351	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9204	0.0796	0.6055	0.0334	0.0813
dna1%	0.8411	0.1589	0.6451	0.0259	0.0474
dna10%	0.9868	0.0068	0.5280	0.0504	0.4623
dorothea	0.9217	0.0783	0.7469	0.4848	0.5665
dota2	0.5958	0.4042	0.5956	0.1910	0.9313
dota210%	0.5670	0.4330	0.5660	0.1320	0.9557
drebin	0.8097	0.1903	0.8269	0.6237	0.5587
dropout	0.6862	0.2092	0.6603	0.5077	0.5261

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.1862	0.2325	0.2265	0.0636	0.7691
drug-02	0.3989	0.1717	0.2555	0.2074	0.7501
drug-03	0.2500	0.2143	0.2250	0.0444	0.7573
drug-04	0.3404	0.1885	0.2673	0.1541	0.7359
drug-05	0.1436	0.2447	0.1595	-0.0059	0.6336
drug-06	0.3617	0.1824	0.2654	0.2212	0.6669
drug-07	0.3564	0.1839	0.1811	0.1031	0.4963
drug-08	0.3511	0.1854	0.2106	0.1260	0.8167
drug-09	0.4309	0.1626	0.1059	0.0324	0.5242
drug-10	0.3457	0.1869	0.1979	0.0982	0.7975
drug-11	0.5106	0.1398	0.1761	0.1142	0.6847
drug-12	0.4362	0.1611	0.2048	0.1192	0.6282
drug-13	0.4574	0.1550	0.2604	0.2492	0.7474
drug-14	0.4468	0.1581	0.3395	0.2446	0.7529
drug-15	0.3670	0.1809	0.1239	0.0222	0.7625
drug-16	0.4255	0.1641	0.2600	0.2233	0.6765
drug-17	0.2819	0.2052	0.2002	0.1074	0.7287
drug-18	0.7128	0.1149	0.2611	0.0290	0.0431
drug-19	0.4202	0.1657	0.1694	0.1114	0.6362
drybean	0.9015	0.0281	0.9151	0.8810	0.1560
ecoli	0.7647	0.0588	0.5162	0.6792	0.1462
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU	0.6364	0.3636	0.5970	0.1200	0.4845
ecoliOM	0.9697	0.0303	0.9024	0.7843	0.4644
ecommerce	0.2700	0.3650	0.2706	0.0267	0.8238
eeg	0.2087	0.0989	0.2543	0.1582	0.7260
eeg-eye	0.5728	0.4272	0.5686	0.1371	0.9514
eeg10%	0.2014	0.0998	0.2517	0.1528	0.6836
email_phishing	0.8087	0.1913	0.5198	0.0101	0.1571
eucalyptus	0.4521	0.2192	0.4870	0.3095	0.5616
euthyroid	0.6487	0.3513	0.6680	0.2089	0.4536
exon.vs.intron-freq	0.7813	0.2187	0.7823	0.5630	0.6941
exon.vs.intron-freq10%	0.7834	0.2166	0.7836	0.5666	0.6934
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.8019	0.1981	0.8108	0.6077	0.6155
fbis-wc	0.5976	0.0473	0.6509	0.5497	0.2932
fertility	0.1000	0.9000	0.0909	-0.2162	0.4655
finance	0.4706	0.5294	0.4752	-0.0487	1.0000
financial-risk	0.6730	0.1090	0.5702	0.4983	0.4672
fishcatch	0.8750	0.0417	0.9221	0.8447	0.1131
flags	0.4500	0.1375	0.2574	0.3189	0.2815
fonts	0.1154	0.0116	0.0583	0.1024	1.0000
fonts10%	0.1123	0.0116	0.0452	0.0990	0.9249
forest	0.8654	0.0673	0.8215	0.8133	0.1919
gas	0.6219	0.1260	0.6505	0.5469	0.3985
gastrointestinal	0.6250	0.2500	0.6148	0.4182	0.4923
gender	0.4842	0.3439	0.4665	0.1630	0.7129
gene	0.8549	0.0967	0.8507	0.7742	0.3408
german	0.7100	0.2900	0.6926	0.3830	0.8099
gestures	0.3604	0.3198	0.3236	0.1478	0.6267
gina	0.7954	0.2046	0.7989	0.5892	0.6460
gisette	0.8871	0.1129	0.8880	0.7743	0.4599
glass	0.8095	0.0635	0.9019	0.7375	0.1373
glass-g2	0.7500	0.2500	0.8000	0.5294	0.5000
glassBWFP	0.7143	0.2857	0.7774	0.4706	0.5112
glassBWNFP	0.5714	0.4286	0.6429	0.2286	0.7396
glassContainers	0.9545	0.0455	0.8986	0.7755	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.7727	0.2273	0.7019	0.2254	0.3467
glassVWFP	0.4286	0.5714	0.6087	0.0597	0.1906
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	0.6250	0.3750	0.7241	0.3333	0.5239
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.4667	0.2667	0.5622	0.3103	0.5479
gsalc	0.7778	0.0741	0.8333	0.7353	0.1060
haberman	0.7333	0.2667	0.6591	0.3182	0.8145
hapt	0.7905	0.0349	0.7433	0.7527	0.1993
har	0.4709	0.2116	0.4589	0.3307	0.6683
har70	0.4957	0.1441	0.4770	0.3905	0.3915
har701%	0.5580	0.1263	0.4489	0.4401	0.3777
har7010%	0.5019	0.1423	0.4757	0.3944	0.3883
harth	0.5920	0.0680	0.2915	0.4642	0.4524
harth1%	0.5861	0.0690	0.2856	0.4573	0.4647
harth10%	0.5909	0.0682	0.2911	0.4630	0.4584
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6550	0.3014	0.8522
health-activity	0.2700	0.3650	0.3320	0.0611	0.3846
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8387	0.1613	0.8369	0.6723	0.5819
heart-c	0.9000	0.1000	0.9009	0.8000	0.4259
heart-failure	0.8140	0.1860	0.8001	0.5929	0.6487
heart-quantum	0.8400	0.1600	0.8619	0.6875	0.4308
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.8003	0.1997	0.8018	0.6005	0.6543
hepmass1%	0.8042	0.1958	0.8053	0.6081	0.6482
hepmass10%	0.8003	0.1997	0.8017	0.6003	0.6541
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs	0.5896	0.4104	0.5860	0.1711	0.9373
higgs0.1%	0.5964	0.4036	0.5931	0.1856	0.9320
higgs1%	0.5872	0.4128	0.5833	0.1657	0.9393
higgs10%	0.5888	0.4112	0.5853	0.1695	0.9375
higher	0.0714	0.2321	0.0833	-0.0643	0.3813
hinselmann	0.5000	0.5000	0.5000	0.0000	0.7460
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8971	0.1029	0.8394	0.6710	0.5605
hiva	0.9173	0.0827	0.5798	0.1466	0.5544
horse	0.6111	0.2593	0.5753	0.3588	0.6690
hotel-reservartions	0.7759	0.2241	0.7655	0.5224	0.7038
hr	0.5053	0.4947	0.5377	0.0470	0.5737
ht-sensor	0.4828	0.3448	0.4827	0.2308	0.6976
ht-sensor10%	0.4729	0.3514	0.4740	0.2169	0.7022
htru2	0.9654	0.0346	0.8919	0.7824	0.3536
hypothyroid	0.6684	0.1658	0.4942	0.2174	0.3112
hypothyroidT	0.9284	0.0716	0.7358	0.4706	0.5981
ilpd	0.6271	0.3729	0.6368	0.2488	0.7980
immuno-therapy	0.7778	0.2222	0.8000	0.5263	0.5283
instagram	0.8933	0.0533	0.8997	0.8578	0.1909
ionosphere	0.7429	0.2571	0.7263	0.4444	0.7546
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9802	0.9596	0.1220
isolet	0.8498	0.0116	0.8590	0.8438	0.1088

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.7567	0.2433	0.6209	0.2416	0.7989
jvowels	0.8133	0.0415	0.8056	0.7886	0.2436
kc1	0.7867	0.2133	0.6291	0.2561	0.7591
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.5714	0.0357	0.0760	0.3115	0.1815
kc1-class-level-top5percentDF	0.6667	0.3333	0.4000	-0.1194	0.4433
kc2	0.7885	0.2115	0.7147	0.4234	0.7321
kdc-4007	0.8753	0.0312	0.7697	0.8544	0.1826
kddcup98	0.6735	0.3265	0.5396	0.0380	0.3555
kddcup981%	0.8947	0.1053	0.6256	0.2339	0.6001
kddcup9810%	0.8136	0.1864	0.5363	0.0537	0.4813
kddcup99	0.9921	0.0007	0.5410	0.9865	0.1334
kddcup991%	0.9684	0.0027	0.4131	0.9470	0.1016
kddcup9910%	0.9910	0.0008	0.5518	0.9847	0.1473
kepler	0.8107	0.1262	0.7498	0.6905	0.3122
kidney	0.1461	0.3416	0.1857	0.0005	0.5499
kidney-disease	0.9500	0.0500	0.9505	0.8961	0.2500
krkopt	0.1971	0.0892	0.2046	0.1305	0.8211
krvskp	0.9154	0.0846	0.9157	0.8307	0.3831
la1s-wc	0.8190	0.0603	0.8061	0.7682	0.2311
la2s-wc	0.7881	0.0706	0.7750	0.7287	0.2785
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6176	0.0191	0.3529	0.5996	0.0710
led24	0.7000	0.0600	0.6964	0.6620	0.1316
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.5500	0.0346	0.5526	0.5321	0.3823
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.6389	0.0481	0.6607	0.6123	0.1498
linkage	0.9979	0.0021	0.8933	0.7690	0.4772
linkage1%	0.9972	0.0028	0.8617	0.7024	0.5071
linkage10%	0.9981	0.0019	0.9022	0.7868	0.4689
liver	0.6471	0.3529	0.7074	0.3482	0.6732
loan	0.9415	0.0585	0.9416	0.8785	0.2927
localization	0.2182	0.1421	0.2307	0.1387	0.7285
localization10%	0.2239	0.1411	0.2175	0.1393	0.6780
lrs	0.7170	0.0566	0.3857	0.6214	0.2712
lung	0.9048	0.0381	0.9344	0.8359	0.1342
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7000	0.1200	0.7264	0.5062	0.4249
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7857	0.1071	0.6342	0.6147	0.2542
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5962	0.4038	0.5968	0.1923	0.9283
magic04	0.7543	0.2457	0.7238	0.4453	0.7613
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8575	0.7095	0.5309
marketing	0.7455	0.2545	0.6669	0.2960	0.6746
maternal	0.6040	0.2640	0.6145	0.3935	0.5838
math	0.6250	0.1875	0.6248	0.4700	0.4233
mba	0.6516	0.2323	0.4767	0.2866	0.4761
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6000	0.4000	0.6090	0.2116	0.9010
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	0.8889	0.0741	0.8889	0.8302	0.1290
meter-C	0.6667	0.1667	0.7510	0.5345	0.3290
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9000	0.0200	0.9011	0.8889	0.1160
mfeat-fou	0.7050	0.0590	0.7041	0.6722	0.2535
mfeat-kar	0.9050	0.0190	0.9060	0.8944	0.1128
mfeat-mor	0.7050	0.0590	0.7077	0.6722	0.2112
mfeat-pix	0.9400	0.0120	0.9410	0.9333	0.0680
mfeat-zer	0.7550	0.0490	0.7530	0.7278	0.2248
mice-prot	0.8333	0.0417	0.8412	0.8092	0.1604
milk	0.7547	0.1635	0.7597	0.6311	0.4142
mines	0.4412	0.2235	0.4095	0.2963	0.4594
mobile	0.7762	0.0080	0.7945	0.7721	0.0992
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.5738	0.4262	0.5280	0.0560	0.9497
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8893	0.1107	0.8963	0.7767	0.3678
music	0.3983	0.1094	0.4348	0.3109	0.6471
musk	0.7424	0.2576	0.6110	0.2104	0.7418
MUT_ci300400a_cdk_ECFP2	0.7506	0.2494	0.7479	0.4942	0.7480
MUT_ci300400a_cdk_ECFP4	0.7317	0.2683	0.7395	0.4678	0.7462
MUT_ci300400a_cdk_ECFP6	0.6958	0.3042	0.6996	0.3929	0.8074
MUT_ci300400a_cdk_ESTATE	0.6535	0.3465	0.6473	0.2941	0.8756
MUT_ci300400a_cdk_EXTENDED	0.6823	0.3177	0.6786	0.3558	0.8403
MUT_ci300400a_cdk_FCFP2	0.7030	0.2970	0.6953	0.3906	0.8212
MUT_ci300400a_cdk_FCFP4	0.7302	0.2698	0.7261	0.4513	0.7802
MUT_ci300400a_cdk_FCFP6	0.7182	0.2818	0.7270	0.4422	0.7628
MUT_ci300400a_cdk_MACCS	0.6535	0.3465	0.6540	0.3047	0.8637
MUT_ci300400a_cdk_PUBCHEM	0.6802	0.3198	0.6758	0.3505	0.8439
MUT_ci300400a_cdk_STANDARD	0.6922	0.3078	0.6889	0.3764	0.8277
MUT_ci300400a_rdkit_descriptors	0.6704	0.3296	0.6691	0.3364	0.8514
myocardial	0.6176	0.0956	0.3233	0.1807	0.6304
naticusdroid	0.9189	0.0811	0.9189	0.8377	0.3751
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.5000	0.1111	0.3030	0.4375	0.1065
ncRNA	0.6845	0.0332	0.2531	0.4047	1.0000
ncRNA1%	0.5224	0.0503	0.2486	0.2761	0.8155
ncRNA10%	0.5414	0.0483	0.2625	0.2923	0.8892
neo	0.7875	0.2125	0.6922	0.3133	0.5752
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.6345	0.0166	0.6649	0.6227	0.2519
newspop	0.6375	0.3625	0.6359	0.2718	0.8937
NHANES_age_prediction	0.9075	0.0925	0.8757	0.7197	0.4848
nomao	0.8259	0.1741	0.8077	0.6055	0.6306
NPHA-doctor-visits	0.3056	0.4630	0.3205	-0.0444	0.7597
nursery	0.8410	0.0636	0.6342	0.7773	0.2255
obesity	0.5261	0.1354	0.5167	0.4469	0.4651
obs	0.6204	0.1898	0.6548	0.4783	0.4657
occupancy	0.9416	0.0584	0.9259	0.8459	0.3715
Occupancy_Estimation	0.9062	0.0469	0.7670	0.7359	0.2867
oh0-wc	0.9208	0.0158	0.9133	0.9096	0.0930
oh10-wc	0.7810	0.0438	0.7412	0.7508	0.1993
oh15-wc	0.8152	0.0370	0.8150	0.7913	0.1885
oh5-wc	0.8791	0.0242	0.8629	0.8634	0.1145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.7706	0.0459	0.7628	0.7437	0.3009
olive	0.8596	0.0312	0.7820	0.8268	0.1107
opn310k	0.6259	0.3741	0.6549	0.1795	0.4262
opn310k10%	0.6196	0.3804	0.6367	0.1566	0.4326
opnat310k-hg16-17	0.6392	0.3608	0.6567	0.1863	0.4367
optdigits	0.9004	0.0199	0.9050	0.8892	0.1254
optdigitsZ	0.9644	0.0356	0.9147	0.8140	0.4308
orl	0.9000	0.0050	0.8873	0.8974	0.0164
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.6996	0.3004	0.6682	0.1359	0.2479
ozone8hr	0.6482	0.3518	0.6011	0.1151	0.4320
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7216	0.2784	0.7289	0.4377	0.7390
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8413	0.1587	0.8488	0.6851	0.5336
p53-mutants	0.9500	0.0500	0.6527	0.1152	0.2005
p53-mutants10%	0.9873	0.0127	0.4968	-0.0048	0.3262
page-blocks	0.8720	0.0512	0.5656	0.4433	0.5528
parkinson	0.8417	0.1583	0.8399	0.6774	0.5806
parkinsons	0.7867	0.2133	0.7949	0.5730	0.6471
parkinsons-small	0.7895	0.2105	0.8155	0.5682	0.5164
particle	0.8292	0.1708	0.7816	0.5610	0.6497
particle10%	0.8315	0.1685	0.7850	0.5681	0.6452
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.8649	0.1351	0.5709	0.1386	0.6608
pcmac	0.4639	0.5361	0.4470	-0.1060	1.0000
pcos	0.9967	0.0033	0.9949	0.9896	0.0572
pd	0.7500	0.2500	0.7085	0.4062	0.7506
pediatric-leukemia	0.7353	0.0756	0.7223	0.6752	0.2582
pendigits	0.8444	0.0311	0.8511	0.8271	0.1723
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.6582	0.3077	0.8309
persistency	0.7988	0.2012	0.7899	0.5785	0.6763
personalities	0.8880	0.0140	0.8881	0.8805	0.1604
pet-adoption	0.8050	0.1950	0.7954	0.5831	0.6576
phishing	0.9510	0.0490	0.9486	0.8972	0.2697
PhiUSIIL	0.9894	0.0106	0.9892	0.9784	0.0799
PhiUSIIL10%	0.9902	0.0098	0.9901	0.9801	0.0773
phone-acc	0.4681	0.1520	0.4518	0.3792	0.5480
phone-acc0.1%	0.4640	0.1531	0.4436	0.3744	0.5443
phone-acc1%	0.4674	0.1522	0.4530	0.3786	0.5428
phone-acc10%	0.4690	0.1517	0.4520	0.3802	0.5472
phone-gyr	0.4692	0.1516	0.4594	0.3801	0.5355
phone-gyr0.1%	0.5305	0.1341	0.5047	0.4509	0.4712
phone-gyr1%	0.5011	0.1425	0.4878	0.4174	0.5081
phone-gyr10%	0.4756	0.1498	0.4654	0.3876	0.5290
phoneme	0.7259	0.2741	0.7218	0.4192	0.7294
phy	0.6806	0.3194	0.6806	0.3612	0.8453
pima	0.7237	0.2763	0.7065	0.4115	0.7975
pirvision	0.8452	0.1032	0.8371	0.6238	0.3111
placement	0.7730	0.2270	0.7718	0.5412	0.7096
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.0211	0.1958	0.0707	-0.0018	0.4653
poker1%	0.0868	0.1826	0.0819	0.0021	0.4365
poker10%	0.0660	0.1868	0.1096	0.0076	0.3838
polish-1st	0.9161	0.0839	0.5399	0.0771	0.5822
polish-2nd	0.9449	0.0551	0.5522	0.0984	0.6299
polish-3rd	0.8305	0.1695	0.5460	0.0688	0.4787

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.7551	0.2449	0.5764	0.0935	0.4232
polish-5th	0.9120	0.0880	0.6816	0.3618	0.6449
polya	0.7384	0.2616	0.7224	0.4434	0.7758
popularity	0.4850	0.3433	0.4611	0.1773	0.6775
post-operative	0.3333	0.4444	0.1667	0.0000	0.2500
postures	0.7419	0.1033	0.7446	0.6775	0.3461
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6635	0.3235	0.8580
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3636	0.0579	0.2454	0.3152	0.1999
processed	0.7591	0.2409	0.7528	0.4924	0.7155
profb	0.6866	0.3134	0.6758	0.3428	0.8129
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.7045	0.1182	0.6247	0.5969	0.3774
puc-rio10%	0.7049	0.1180	0.6083	0.5989	0.3792
pufs-128	0.5007	0.4993	0.5007	0.0014	0.9996
pufs-1281%	0.4993	0.5007	0.4993	-0.0013	1.0000
pufs-12810%	0.5006	0.4995	0.5006	0.0011	0.9997
pufs-64	0.5031	0.4969	0.5031	0.0062	0.9983
pufs-641%	0.5058	0.4942	0.5058	0.0117	0.9966
pufs-6410%	0.5018	0.4982	0.5018	0.0037	0.9990
pulsar	0.9721	0.0279	0.9127	0.8220	0.2650
raisin	0.8444	0.1556	0.8500	0.6889	0.5288
rcv1	0.2400	0.0431	0.0177	-0.0102	0.2831
rcv11%	0.7278	0.0103	0.3252	0.6933	0.2660
rcv110%	0.8151	0.0070	0.5583	0.7946	0.3009
re0-wc	0.7000	0.0462	0.6347	0.5963	0.3171
re1-wc	0.7289	0.0217	0.6719	0.6909	0.2248
rejafada	0.9497	0.0503	0.5725	0.1415	0.6217
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.8253	0.0054	0.3983	0.7531	0.2282
rice	0.9780	0.0220	0.9781	0.9554	0.1193
rnaseq	0.9875	0.0050	0.9900	0.9835	0.0307
rocket	0.5835	0.4165	0.6067	0.1976	0.8749
RT_IOT2022	0.9049	0.0159	0.7118	0.7627	0.0759
satimage	0.7729	0.0757	0.7620	0.7228	0.2902
satimageF	0.9798	0.0202	0.9463	0.8910	0.1828
satimageT	0.5412	0.4588	0.6370	0.1430	0.4041
scadi	0.5714	0.1224	0.3687	0.4615	0.1141
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8013	0.1987	0.5778	0.1214	0.5323
secondary_mushroom	0.7747	0.2253	0.7764	0.5494	0.7014
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.8528	0.0421	0.8629	0.8278	0.1797
segmentation	0.7376	0.2624	0.7344	0.4599	0.7511
segmentO	0.6667	0.3333	0.7210	0.3145	0.4849
seismic	0.8062	0.1938	0.6659	0.2480	0.5095
semeion	0.9874	0.0126	0.9681	0.9342	0.2404
sens-1-gram	0.6211	0.3789	0.5204	0.0318	0.6499
sens-10-gram	0.7165	0.2835	0.6289	0.2182	0.6569
sens-2-gram	0.6947	0.3053	0.5791	0.1343	0.6722
sens-3-gram	0.7395	0.2605	0.6322	0.2316	0.6701
sens-4-gram	0.7000	0.3000	0.5568	0.0998	0.6917
sens-5-gram	0.7395	0.2605	0.5839	0.1542	0.7084
sens-6-gram	0.7316	0.2684	0.5669	0.1231	0.7129

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.7395	0.2605	0.5902	0.1647	0.7040
sens-8-gram	0.7053	0.2947	0.5658	0.1155	0.6905
sens-9-gram	0.7158	0.2842	0.6137	0.1940	0.6641
sensorless	0.5236	0.0866	0.5307	0.4759	0.4340
sepsis	0.5425	0.4575	0.5874	0.0898	0.4244
shoppers	0.8159	0.1841	0.7358	0.4454	0.6651
shuttle	0.7471	0.0723	0.5567	0.4242	0.4528
sick	0.7347	0.2653	0.6481	0.1871	0.4424
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.8216	0.1784	0.7892	0.5513	0.6300
skin10%	0.8203	0.1797	0.7825	0.5419	0.6425
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1200	0.4400	0.1195	-0.1727	0.9002
smk_can_187	0.5263	0.4737	0.5278	0.0552	0.9801
smoking	0.6955	0.3045	0.7150	0.4041	0.7495
soil_pollution	0.2300	0.3080	0.2311	0.0372	0.8579
solar-flare	0.7338	0.0887	0.6706	0.6636	0.2803
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9412	0.0062	0.9636	0.9358	0.0411
spam-detection	0.8310	0.1690	0.7416	0.4061	0.5622
spambase	0.8804	0.1196	0.8742	0.7473	0.4883
spect	0.7037	0.2963	0.7589	0.4194	0.5288
spectf	0.7143	0.2857	0.7742	0.4615	0.5283
spectrometer	0.4717	0.0220	0.2305	0.4473	0.1265
splice-EI	0.8801	0.1199	0.8705	0.7195	0.4965
splice-IE	0.8328	0.1672	0.8093	0.5982	0.6128
sport-articles	0.7400	0.2600	0.7320	0.4604	0.7631
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.9677	0.0323	0.9651	0.9300	0.2092
steel_industry	0.6946	0.2036	0.6728	0.5266	0.5222
steel-b	0.6769	0.3231	0.6780	0.3064	0.6912
steel-d	0.8154	0.1846	0.6298	0.1359	0.3304
steel-k	0.9590	0.0410	0.9361	0.8718	0.2764
steel-o	0.5744	0.4256	0.6238	0.2111	0.8000
steel-p	0.7538	0.2462	0.7260	0.3093	0.4422
steel-s	0.8667	0.1333	0.7425	0.3369	0.4283
steel-z	0.8769	0.1231	0.7888	0.5238	0.5749
stellar	0.5594	0.2937	0.5905	0.3230	0.5927
stock	0.8056	0.1944	0.7572	0.4825	0.6525
stockb	0.7797	0.1468	0.7813	0.6697	0.3769
streaming	0.7760	0.2240	0.7784	0.5527	0.6969
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.3650	0.2540	0.3440	0.1518	0.6119
student-depression	0.8305	0.1695	0.8256	0.6512	0.6107
student-habits	0.2000	0.3200	0.2174	0.0195	0.7904
student-weekend	0.2769	0.2892	0.2782	0.0954	0.7422
student-workday	0.4531	0.2188	0.1487	0.0879	0.7535
studentap	0.6154	0.2564	0.5957	0.4196	0.4044
susy	0.7183	0.2817	0.7152	0.4253	0.7873
susy1%	0.7212	0.2788	0.7184	0.4305	0.7800
susy10%	0.7164	0.2836	0.7132	0.4214	0.7903
swarm_aligned	0.9359	0.0641	0.9322	0.8576	0.3350
swarm_flocking	0.7639	0.2361	0.7703	0.5279	0.6901
swarm_grouped	0.8097	0.1903	0.8021	0.6022	0.6545
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8395	0.1605	0.8185	0.6251	0.6088
texture	0.7527	0.0450	0.7633	0.7278	0.2232

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.8052	0.1948	0.8018	0.6028	0.6584
thoracic	0.6383	0.3617	0.4943	-0.0101	0.7263
thrombin	0.9529	0.0471	0.5852	0.1594	0.5332
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.7053	0.2947	0.7051	0.3960	0.7758
tis	0.8242	0.1758	0.7985	0.5813	0.6355
tis10%	0.7836	0.2164	0.7056	0.4110	0.7548
titanic	0.7591	0.2409	0.7276	0.4549	0.7599
tourist	0.7500	0.0833	0.4000	0.6364	0.0795
tox_171	0.6471	0.1765	0.6583	0.5321	0.3154
toxicity	0.5294	0.4706	0.5589	0.1053	0.8829
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6267	0.3733	0.5898	0.1667	0.8143
trec11-wc	0.6829	0.0705	0.6466	0.6179	0.2089
trec12-wc	0.7742	0.0565	0.8030	0.7229	0.1494
trec21-wc	0.8485	0.0505	0.6042	0.7245	0.1494
trec23-wc	0.5714	0.1429	0.6471	0.4569	0.2216
trec31-wc	0.7957	0.0584	0.6362	0.7249	0.2515
trec41-wc	0.8182	0.0364	0.6657	0.7719	0.1855
trec45-wc	0.6522	0.0696	0.6839	0.6028	0.2414
tuandromd	0.9350	0.0650	0.8948	0.7828	0.3327
turkish	0.7500	0.1250	0.7611	0.6667	0.3190
tvnews	0.8154	0.1846	0.7998	0.5994	0.6512
tvnews1%	0.8615	0.1385	0.8496	0.6975	0.5403
tvnews10%	0.8157	0.1843	0.8010	0.6018	0.6504
ur3_cobotops_grip	0.7020	0.2980	0.5767	0.0578	0.2606
ur3_cobotops_stop	0.5143	0.4857	0.5565	0.0298	0.2104
urban	0.6866	0.0697	0.7113	0.6330	0.2134
urinalysis	0.8601	0.1399	0.6327	0.2237	0.5545
url-rep1%	0.9850	0.0214	0.9825	0.9638	0.1472
ustilago	0.8650	0.1350	0.6526	0.0919	0.1689
ustilago1%	0.9772	0.0228	0.5605	0.1142	0.4996
ustilago10%	0.8915	0.1085	0.6398	0.1054	0.2116
vehicle	0.4167	0.2917	0.4135	0.2262	0.6549
vehicleVAN	0.6786	0.3214	0.7356	0.3864	0.5959
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8871	0.7666	0.4380
vowel	0.4343	0.1028	0.4413	0.3778	0.2724
vowelZ	0.8889	0.1111	0.8182	0.5663	0.5305
vrnormat310k-hg16-17	0.7754	0.2246	0.6943	0.2996	0.5398
wap-wc	0.7885	0.0212	0.6456	0.7635	0.1274
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	0.5714	0.0857	0.6562	0.5251	0.2216
watch-acc	0.3991	0.1717	0.3918	0.2982	0.6299
watch-acc1%	0.4276	0.1636	0.4164	0.3311	0.6156
watch-acc10%	0.4054	0.1699	0.3982	0.3053	0.6241
watch-gyr	0.3655	0.1813	0.3585	0.2579	0.5784
watch-gyr1%	0.3721	0.1794	0.3631	0.2655	0.5717
watch-gyr10%	0.3584	0.1833	0.3509	0.2494	0.5804
water_pollution	0.2233	0.3883	0.2247	-0.0345	0.8773
waveform	0.8080	0.1280	0.8233	0.7120	0.3261
weather-related	0.9385	0.0112	0.9387	0.9302	0.0810
web-phishing	0.7037	0.1975	0.6314	0.5181	0.5305
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.4581	0.2168	0.4477	0.3169	0.6907
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9700	0.0150	0.9708	0.9600	0.0610

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.6832	0.3168	0.5670	0.0648	0.3511
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.2830	0.2390	0.3262	0.1051	0.6920
winequality-white	0.3027	0.1992	0.2402	0.1375	0.7345
winnipeg	0.9167	0.0238	0.9037	0.8952	0.1654
winnipeg10%	0.9199	0.0229	0.9174	0.8990	0.1559
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.7500	0.0333	0.7496	0.7322	0.0603
yeast	0.5135	0.0973	0.3980	0.4043	0.5421
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.8851	0.1149	0.7292	0.2877	0.3783
yeastME1	0.9324	0.0676	0.7717	0.4201	0.4711
yeastME2	0.8784	0.1216	0.6558	0.2563	0.5299
zip	0.7817	0.0437	0.7789	0.7557	0.2589

Table 379: Detailed results for NCA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1703	0.0572	0.0920	0.0833	0.5258
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.7061	0.4084	0.6173
accelerometer	0.9831	0.0169	0.6653	0.2234	0.3263
accident	0.2500	0.7500	0.2487	-0.5000	1.0000
ads	0.9756	0.0244	0.9482	0.8950	0.1934
adult	0.8487	0.1513	0.7762	0.5430	0.6131
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7524	0.2476	0.5990	0.1975	0.8001
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8687	0.0875	0.3099	-0.0166	0.3138
AID1284Morered	0.8056	0.1944	0.4462	-0.0862	0.8010
AID1284red	0.8333	0.1667	0.5863	0.1628	0.7500
AID1608Morered	0.9126	0.0874	0.4772	-0.0311	0.6533
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9992	0.0008	0.9450	0.8885	0.3001
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.6979	0.2188	0.4125
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.6089	0.0520	0.1628
aids	0.8357	0.1643	0.7759	0.5518	0.6611
air_pollution	0.4067	0.1695	0.1643	0.0185	0.4425
alcohol	0.8667	0.0533	0.7805	0.7225	0.2722
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7488	0.2512	0.7221	0.4439	0.7708
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9930	0.0035	0.9778	0.9868	0.0195
anuran-genus	0.9930	0.0017	0.9850	0.9885	0.0152
anuran-species	0.9903	0.0019	0.9848	0.9865	0.0282
anxiety	0.1083	0.1981	0.1130	-0.0030	0.8178
apple-quality	0.9325	0.0675	0.9328	0.8650	0.3261
aps-failure	0.9905	0.0095	0.8564	0.7095	0.3568
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9938	0.0062	0.7577	0.3618	0.0259
arrhythmia	0.6444	0.0547	0.3613	0.4161	0.3320
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.7826	0.0181	0.3372	0.7461	0.0673
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adolescent	0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult	0.9286	0.0714	0.9114	0.8223	0.3967
autism-child	0.8621	0.1379	0.8619	0.7238	0.5324
autos	0.9500	0.0167	0.7933	0.9340	0.0386
avila	0.9986	0.0002	0.9969	0.9981	0.0083
babies	0.4194	0.1659	0.1984	0.1000	0.4998
balance	0.9516	0.0323	0.9284	0.9123	0.1211
bank	0.9058	0.0942	0.7256	0.4302	0.5728
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8479	0.1521	0.8353	0.6707	0.5840
basehock	0.8794	0.1206	0.8795	0.7588	0.4879
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8476	0.1524	0.8403	0.6800	0.5791
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
body-perf	0.7164	0.1418	0.7248	0.6219	0.3972
brain-tumor	0.4960	0.5040	0.4960	-0.0080	1.0000
breast-cancer	0.5000	0.5000	0.4291	-0.1395	0.9404
breast-cancer-co	0.9091	0.0909	0.9141	0.8136	0.2846
breast-cancer-ma	0.4545	0.5455	0.4500	-0.1000	1.0000
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.6636	0.7297	0.1136
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4560	0.3627	0.3415	-0.0175	0.6754
car	0.9655	0.0172	0.9621	0.9265	0.1578
car-insurance	0.8330	0.1670	0.8035	0.6066	0.6316
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.8545	0.0291	0.8161	0.8252	0.1727
cardiotocography-nsp	0.9108	0.0595	0.8159	0.7274	0.1924
cargo2k	0.9873	0.0085	0.9875	0.9809	0.0480
cars	0.7750	0.1500	0.7406	0.5735	0.4775
cas_N6512_cdk_ECFP2	0.7204	0.2796	0.7191	0.4382	0.7943
cas_N6512_rdkit_ATOMPAIR	0.7369	0.2631	0.7347	0.4688	0.7703
cas_N6512_RDkit_AtomPair_FP	0.7393	0.2607	0.7369	0.4729	0.7659
cas_N6512_rdkit_AVALON	0.7727	0.2273	0.7714	0.5427	0.7145
cas_N6512_RDkit_Avalon_FP	0.7975	0.2025	0.7979	0.5946	0.6667
cas_N6512_rdkit_descriptors	0.7846	0.2154	0.7856	0.5693	0.6879
cas_N6512_rdkit_FEATMORGAN	0.7419	0.2581	0.7409	0.4817	0.7629
cas_N6512_RDkit_Featmorgan_FP	0.7745	0.2255	0.7735	0.5469	0.7110
cas_N6512_RDkit_FP	0.7868	0.2132	0.7855	0.5710	0.6899
cas_N6512_rdkit_LAYERED	0.7692	0.2308	0.7693	0.5377	0.7174
cas_N6512_RDkit_Layered_FP	0.7561	0.2439	0.7543	0.5083	0.7413
cas_N6512_rdkit_MACCS	0.7865	0.2135	0.7848	0.5694	0.6900
cas_N6512_RDkit_MACCS_FP	0.7515	0.2485	0.7524	0.5032	0.7434
cas_N6512_rdkit_MORGAN	0.7400	0.2600	0.7388	0.4775	0.7661
cas_N6512_RDkit_morgan_FP	0.7316	0.2684	0.7302	0.4604	0.7787
cas_N6512_rdkit_PATTERN	0.7523	0.2477	0.7518	0.5032	0.7460
cas_N6512_RDkit_pattern_FP	0.7515	0.2485	0.7508	0.5013	0.7478
cas_N6512_rdkit_RDKITFP	0.7819	0.2181	0.7810	0.5619	0.6982
cas_N6512_rdkit_TORSION	0.7508	0.2492	0.7491	0.4981	0.7501
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9630	0.0370	0.6629	0.0783	0.1566
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7720	0.2280	0.7578	0.5135	0.7247
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5532	0.2040
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.6419	0.2399	0.5289

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
census10%	0.9459	0.0541	0.6821	0.2213	0.3179
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9535	0.0465	0.8208	0.6417	0.5099
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S	0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia	0.9102	0.0449	0.8869	0.8657	0.2109
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.8916	0.1084	0.4713	-0.0455	0.7035
churn	0.8480	0.1520	0.7378	0.4521	0.6169
churn-bigml	0.8801	0.1198	0.7106	0.3551	0.5173
ci900367j_MACCS	0.7053	0.2947	0.7029	0.3998	0.7987
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.5135	0.4844	0.6064
cjs	0.9929	0.0024	0.9933	0.9913	0.0153
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8491	0.0755	0.7621	0.7658	0.3434
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cm1	0.8400	0.1600	0.4565	-0.0811	0.7590
cmc	0.5034	0.3311	0.4801	0.2193	0.7416
cnae-9	0.8704	0.0288	0.8732	0.8542	0.1255
codon_usage	0.9394	0.0110	0.8465	0.9264	0.1133
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.6200	0.0507	0.5005	0.5793	0.1737
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.5862	0.4138	0.5421	0.0842	0.9416
colposcopies-2	0.5517	0.4483	0.5155	0.0308	0.9708
colposcopies-3	0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4	0.8276	0.1724	0.7688	0.5118	0.5950
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c	0.7241	0.2759	0.5851	0.1655	0.8480
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.6774	0.2151	0.6222	0.4833	0.4740
comedy_comparisons1%	0.5110	0.4890	0.4564	-0.0114	0.6568
connect-4	0.9996	0.0003	0.9914	0.9898	0.0015
cottonmeloidogyne	0.7188	0.2812	0.7194	0.4370	0.7913
coupon	0.7405	0.2595	0.7351	0.4701	0.7685
covtype10%	0.9392	0.0174	0.8786	0.9024	0.1747
covtypeCD	0.9930	0.0070	0.9853	0.9705	0.0982
covtypeT	0.9878	0.0122	0.9530	0.9059	0.2222
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9576	0.0141	0.8707	0.9139	0.1396
cryotherapy	0.6667	0.3333	0.6750	0.3415	0.8344
cultivars	0.6875	0.0156	0.5350	0.6787	0.0401
customer-churn	0.9802	0.0198	0.6713	0.2801	0.4170
cybersecurity	0.1567	0.2811	0.1568	-0.0113	0.8894
cyclopentane	0.5185	0.4815	0.5084	0.0168	0.9905
cylinder-bands	0.7593	0.2407	0.7513	0.4993	0.7330
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1072	0.1786	0.1072	0.0080	0.9251
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8197	0.1803	0.7000	0.3622	0.6491
defect	0.8704	0.1296	0.7670	0.5335	0.6451

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8971	0.1029	0.7062	0.3884	0.5940
depressed	0.8182	0.1818	0.5539	0.0710	0.6919
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4037	0.2727	0.4605
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5625	0.2917	0.6018	0.3086	0.5254
DIA	0.8667	0.1333	0.8222	0.6444	0.5872
diabetes	0.9423	0.0577	0.9400	0.8793	0.3074
diabetic1%	0.5588	0.2941	0.3731	0.1245	0.6545
diabetic10%	0.5128	0.3248	0.3201	0.0204	0.5578
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7063	0.1175	0.6825	0.5793	0.3659
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.3333	0.6667	0.2903	-0.4118	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dota210%	0.5126	0.4874	0.5109	0.0217	0.9928
drebin	0.9894	0.0106	0.9886	0.9771	0.0827
dropout	0.6862	0.2092	0.6007	0.4859	0.5727
drug-01	0.3936	0.1733	0.1630	0.0616	0.5306
drug-02	0.5213	0.1368	0.2883	0.1879	0.6342
drug-03	0.6915	0.0881	0.1944	0.1234	0.4032
drug-04	0.4840	0.1474	0.1326	0.0671	0.6252
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3936	0.1733	0.2625	0.2339	0.5787
drug-07	0.3298	0.1915	0.1256	-0.0228	0.6806
drug-08	0.5745	0.1216	0.2056	0.1812	0.4334
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5372	0.1322	0.1712	0.1314	0.4217
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6330	0.1049	0.1824	0.2722	0.4035
drug-14	0.5053	0.1413	0.2551	0.2363	0.7220
drug-15	0.7500	0.0714	0.1228	0.0009	0.2719
drug-16	0.5851	0.1185	0.2891	0.3007	0.4477
drug-17	0.3457	0.1869	0.1836	0.1059	0.6615
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9309	0.0197	0.9441	0.9165	0.1146
ecoli	0.8235	0.0441	0.5305	0.7545	0.1555
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.2505	0.0011	0.8401
eeg	0.5510	0.0561	0.5674	0.5024	0.5363
eeg-eye	0.9613	0.0387	0.9609	0.9217	0.2214
eeg10%	0.3418	0.0823	0.3437	0.2716	0.6976
eucalyptus	0.5342	0.1863	0.5126	0.4025	0.4826
euthyroid	0.9620	0.0380	0.8960	0.7914	0.4093
exon.vs.intron-freq10%	0.9556	0.0444	0.9561	0.9111	0.2363
fakenews	0.5375	0.4625	0.5378	0.0754	0.9762
fbis-wc	0.7724	0.0268	0.7044	0.7395	0.2020
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
finance	0.7647	0.2353	0.7648	0.5135	0.6844
financial-risk	0.8325	0.0558	0.8055	0.7365	0.2848
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3500	0.1625	0.1608	0.1333	0.4191
fonts10%	0.5567	0.0058	0.2974	0.5364	0.5965
forest	0.9038	0.0481	0.8846	0.8678	0.1583
gas	0.9950	0.0017	0.9952	0.9939	0.0141
gastrointestinal	0.6250	0.2500	0.5916	0.3846	0.5695
gender	0.6084	0.2611	0.3865	0.1700	0.5887
gene	0.8644	0.0904	0.8535	0.7847	0.3444
german	0.7100	0.2900	0.6625	0.3128	0.8135
gestures	0.7988	0.1006	0.8062	0.7318	0.3402
gina	0.9164	0.0836	0.9164	0.8327	0.3819
gisette	0.9614	0.0386	0.9614	0.9229	0.2197
glass	0.8095	0.0635	0.8846	0.7325	0.1752
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM	0.6842	0.3158	0.6841	0.3596	0.8222
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8929	0.1071	0.8949	0.7840	0.4385
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.5144	0.3713	0.5276
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.9671	0.0055	0.8536	0.9611	0.0338
har	0.9954	0.0018	0.9949	0.9942	0.0131
har701%	0.9230	0.0220	0.6552	0.8864	0.1592
harth1%	0.8717	0.0214	0.6423	0.8250	0.1958
hayes-roth	0.6875	0.2083	0.7080	0.4937	0.3509
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack	0.7742	0.2258	0.7815	0.5526	0.6797
heart-c	0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure	0.9740	0.0260	0.9697	0.9391	0.1628
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.6667	0.3333	0.6377	0.2424	0.7291
hepmass1%	0.8576	0.1424	0.8593	0.7154	0.5297
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.5973	0.4027	0.5953	0.1906	0.9317
higher	0.2857	0.1786	0.1522	0.1250	0.2658
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8904	0.1096	0.7954	0.5878	0.5740
hiva	0.9622	0.0378	0.4904	-0.0045	0.3546
horse	0.5833	0.2778	0.5102	0.2297	0.6147
hotel-reservartions	0.8762	0.1238	0.8566	0.7031	0.4703
hr	0.7614	0.2386	0.5258	0.0514	0.7743
ht-sensor10%	0.9998	0.0001	0.9998	0.9997	0.0013
htru2	0.9793	0.0207	0.9354	0.8682	0.1975

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hypothyroid	0.9602	0.0199	0.5932	0.7417	0.2498
hypothyroidT	0.9814	0.0186	0.9322	0.8627	0.2248
ilpd	0.7119	0.2881	0.6187	0.2302	0.8431
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.9700	0.0150	0.9704	0.9600	0.0629
ionosphere	0.9429	0.0571	0.9346	0.8606	0.1858
iris	0.8000	0.1333	0.7722	0.6939	0.2545
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8909	0.0084	0.8928	0.8865	0.0929
jm1	0.8228	0.1772	0.6518	0.2286	0.6107
jvowels	0.9980	0.0004	0.9976	0.9977	0.0036
kc1	0.8578	0.1422	0.6618	0.2066	0.4924
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.5000	0.0417	0.0307	0.0667	0.0964
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6929	0.3824	0.7363
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9988	0.0001	0.5457	0.9979	0.0012
kepler	0.8839	0.0774	0.8435	0.8092	0.2264
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7490	0.0279	0.7360	0.7195	0.3125
krvskp	0.9906	0.0094	0.9906	0.9812	0.0727
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0147	0.4239	0.6934	0.0646
led24	0.6500	0.0700	0.6240	0.6078	0.1467
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9800	0.0015	0.9800	0.9792	0.0240
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.9167	0.0111	0.9416	0.9106	0.0292
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.7059	0.2941	0.6808	0.3585	0.8145
loan	0.9578	0.0422	0.9550	0.9096	0.2310
localization10%	0.6820	0.0578	0.4343	0.5942	0.4997
lrs	0.8302	0.0340	0.5137	0.7651	0.1328
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.8404	0.1596	0.8382	0.6750	0.5853
madelon	0.5385	0.4615	0.5385	0.0769	0.9762
magic04	0.8638	0.1362	0.8490	0.6829	0.4771
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8430	0.6859	0.5749
marketing	0.8482	0.1518	0.6979	0.3958	0.7039
maternal	0.8416	0.1056	0.8440	0.7598	0.3624
math	0.7000	0.1500	0.5808	0.5480	0.4357
mba	0.8274	0.1151	0.3743	0.0772	0.3567
mental-disorders	0.5833	0.2083	0.5261	0.4444	0.3321
mental-health	0.2300	0.3080	0.2318	0.0367	0.8532
messidor	0.6261	0.3739	0.6205	0.2410	0.9053

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.7765	0.6883	0.2706
meter-D	0.8333	0.0833	0.8451	0.7682	0.1516
mfeat-fac	0.9650	0.0070	0.9658	0.9611	0.0413
mfeat-fou	0.7850	0.0430	0.7848	0.7611	0.1697
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7400	0.0520	0.7487	0.7111	0.1810
mfeat-pix	0.9800	0.0040	0.9807	0.9778	0.0223
mfeat-zer	0.8050	0.0390	0.8068	0.7833	0.1145
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.7647	0.0941	0.7482	0.7043	0.2448
mobile	0.7063	0.0105	0.7081	0.7009	0.1265
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8197	0.1803	0.7982	0.5960	0.6483
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4917	0.0924	0.5076	0.3835	0.5276
musk	1.0000	0.0000	1.0000	1.0000	0.0000
MUT_ci300400a_cdk_ECFP2	0.7878	0.2122	0.7831	0.5659	0.6919
MUT_ci300400a_cdk_ECFP4	0.7880	0.2120	0.7840	0.5673	0.6904
MUT_ci300400a_cdk_ECFP6	0.7820	0.2180	0.7768	0.5535	0.7025
MUT_ci300400a_cdk_ESTATE	0.7674	0.2326	0.7605	0.5209	0.7282
MUT_ci300400a_cdk_EXTENDED	0.8525	0.1475	0.8487	0.6974	0.5615
MUT_ci300400a_cdk_FCFP2	0.7737	0.2263	0.7695	0.5384	0.7147
MUT_ci300400a_cdk_FCFP4	0.7662	0.2338	0.7603	0.5206	0.7294
MUT_ci300400a_cdk_FCFP6	0.7734	0.2266	0.7722	0.5417	0.7086
MUT_ci300400a_cdk_MACCS	0.8405	0.1595	0.8360	0.6719	0.5884
MUT_ci300400a_cdk_PUBCHEM	0.8347	0.1653	0.8292	0.6578	0.5986
MUT_ci300400a_cdk_STANDARD	0.8443	0.1557	0.8389	0.6766	0.5742
MUT_ci300400a_rdkit_descriptors	0.8396	0.1604	0.8358	0.6715	0.5888
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9710	0.0290	0.9710	0.9420	0.1768
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.6667	0.0741	0.4444	0.6250	0.0625
ncRNA1%	0.9043	0.0101	0.4631	0.7313	0.4735
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6486	0.3514	0.6472	0.2944	0.8820
NHANES_age_prediction	0.9912	0.0088	0.9834	0.9662	0.0395
nomao	0.9585	0.0415	0.9489	0.8977	0.2554
NPHA-doctor-visits	0.4722	0.3519	0.3570	0.1114	0.7774
nursery	0.9938	0.0025	0.7961	0.9910	0.0158
obesity	0.9336	0.0190	0.9317	0.9225	0.0852
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9951	0.0049	0.9932	0.9863	0.0583
Occupancy_Estimation	0.9911	0.0044	0.9729	0.9731	0.0595
oh0-wc	0.4257	0.1149	0.4320	0.3201	0.3995
oh10-wc	0.3333	0.1333	0.3483	0.2491	0.5287
oh15-wc	0.3913	0.1217	0.3173	0.2950	0.5160
oh5-wc	0.3516	0.1297	0.3380	0.2573	0.4859
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%	0.8894	0.1106	0.6069	0.2081	0.6900
optdigits	0.9804	0.0039	0.9813	0.9782	0.0292
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9565	0.0435	0.5776	0.1349	0.5847
ozone8hr	0.8854	0.1146	0.5036	0.0068	0.7093
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8093	0.1907	0.7854	0.5704	0.6706
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8855	0.7631	0.4508
p53-mutants	0.9952	0.0048	0.6656	0.2838	0.4183
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.6841	0.8367	0.1963
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.7441	0.2559	0.7236	0.4456	0.7708
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.8938	0.1062	0.8672	0.7341	0.4925
pasture	0.2500	0.5000	0.1667	-0.2000	0.5820
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5567	0.4433	0.5032	0.0051	0.9277
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9188	0.8333	0.3888
pendigits	0.9936	0.0013	0.9936	0.9929	0.0123
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.6582	0.3077	0.8309
persistency	0.7434	0.2566	0.7235	0.4465	0.7735
pet-adoption	0.9250	0.0750	0.9145	0.8243	0.3269
phishing	0.9796	0.0204	0.9786	0.9571	0.1355
PhiUSIIL10%	0.9928	0.0072	0.9926	0.9853	0.0562
phone-acc0.1%	0.8783	0.0348	0.8700	0.8578	0.1358
phone-gyr0.1%	0.9375	0.0178	0.9328	0.9270	0.0905
phoneme	0.9093	0.0907	0.8873	0.7743	0.4440
phy	0.6960	0.3040	0.6963	0.3918	0.8243
pima	0.7237	0.2763	0.7023	0.3899	0.7718
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7870	0.2130	0.7793	0.5542	0.6825
plant-growth	0.5789	0.4211	0.5843	0.1648	0.9308
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker1%	0.5200	0.0960	0.1059	0.0826	0.2715
poker10%	0.8415	0.0317	0.4440	0.7199	0.3675
polish-1st	0.9602	0.0398	0.5752	0.0594	0.3687
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9531	0.0469	0.6953	0.2451	0.2857
polish-5th	0.9340	0.0660	0.6547	0.2139	0.4432
polya	0.7427	0.2573	0.7152	0.4295	0.7788
popularity	0.6580	0.2280	0.4131	0.2248	0.4787
post-operative	0.5556	0.2963	0.2381	-0.2000	0.4881
postures	0.9926	0.0030	0.9925	0.9907	0.0220
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6030	0.2059	0.9259
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.1818	0.0744	0.0846	0.1027	0.2859
profb	0.6716	0.3284	0.6549	0.3041	0.8373
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio10%	0.9861	0.0056	0.9769	0.9814	0.0462
pufs-1281%	0.5000	0.5000	0.5000	-0.0000	1.0000
pufs-641%	0.5050	0.4950	0.5050	0.0100	0.9972
pulsar	0.9848	0.0152	0.9536	0.9057	0.1524
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc	0.6667	0.0513	0.6410	0.5677	0.3948
re1-wc	0.6265	0.0299	0.5182	0.5633	0.2726
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9835	0.0165	0.9834	0.9666	0.1076
rocket	0.6502	0.3498	0.6442	0.2873	0.8762
satimage	0.9051	0.0316	0.8952	0.8831	0.1633
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9533	0.0467	0.8734	0.7467	0.4462
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5588	0.4412	0.5598	0.1176	0.9547
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9524	0.0136	0.9566	0.9443	0.0644
segmentation	0.7772	0.2228	0.7580	0.5159	0.7235
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-10-gram	0.8714	0.1286	0.6326	0.1598	0.5121
sens-2-gram	0.8184	0.1816	0.5853	0.1703	0.7607
sens-3-gram	0.8211	0.1789	0.5730	0.1444	0.7653
sens-4-gram	0.8132	0.1868	0.5657	0.1308	0.7691
sens-5-gram	0.8105	0.1895	0.5113	0.0215	0.7874
sens-6-gram	0.8079	0.1921	0.5190	0.0368	0.7861
sens-7-gram	0.8053	0.1947	0.5591	0.1179	0.7709
sens-8-gram	0.8184	0.1816	0.5924	0.1847	0.7574
sens-9-gram	0.7974	0.2026	0.5677	0.1353	0.7637
sensorless	0.9988	0.0002	0.9988	0.9987	0.0027
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8946	0.1054	0.7752	0.5356	0.5483
shuttle	0.9991	0.0002	0.9000	0.9976	0.1302
sick	0.9735	0.0265	0.8892	0.7775	0.3572
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.1800	0.4100	0.1808	-0.0939	0.8612
soil_pollution	0.2433	0.3027	0.2394	0.0536	0.8463
solar-flare	0.7410	0.0863	0.6843	0.6657	0.2050
sonar	0.7000	0.3000	0.7185	0.4000	0.7215
soybean	0.9559	0.0046	0.9846	0.9516	0.0283
spam-detection	0.9490	0.0510	0.8430	0.6855	0.4710
spambase	0.9174	0.0826	0.9135	0.8269	0.3874
spect	0.8148	0.1852	0.7168	0.4304	0.7152
spectf	0.9143	0.0857	0.8928	0.7835	0.4068
spectrometer	0.6038	0.0165	0.3064	0.5809	0.1128
splice-EI	0.9401	0.0599	0.9209	0.8418	0.3578
splice-IE	0.8707	0.1293	0.8235	0.6468	0.5865
sport-articles	0.8200	0.1800	0.8037	0.6051	0.6337
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.2857	0.2308	0.1805
startup	0.9892	0.0108	0.9885	0.9767	0.0905
steel_industry	0.8736	0.0843	0.8406	0.7944	0.2774
steel-b	0.8103	0.1897	0.7220	0.4436	0.7233
steel-d	0.9949	0.0051	0.9553	0.9065	0.0226
steel-k	0.9846	0.0154	0.9767	0.9533	0.1586
steel-o	0.7846	0.2154	0.7599	0.5193	0.7134
steel-p	0.9333	0.0667	0.7373	0.4474	0.5093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9192	0.8247	0.4176
stock	0.8542	0.1458	0.7232	0.4303	0.6432
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.9720	0.0280	0.9717	0.9434	0.1745
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6150	0.1540	0.3505	0.3635	0.4252
student-depression	0.8308	0.1692	0.8244	0.6462	0.6001
student-habits	0.3400	0.2640	0.2754	0.0542	0.7585
student-weekend	0.3077	0.2769	0.1873	0.0429	0.7792
student-workday	0.6562	0.1375	0.2513	0.2068	0.6093
studentap	0.5385	0.3077	0.5111	0.2909	0.5610
susy1%	0.7900	0.2100	0.7902	0.5705	0.6546
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.6000	0.2667	0.6082	0.4000	0.6002
telco-churn	0.8693	0.1307	0.8309	0.6616	0.5696
texture	0.9964	0.0007	0.9965	0.9960	0.0053
theorem	0.9951	0.0049	0.9950	0.9899	0.0414
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8091	0.1909	0.7714	0.5247	0.6309
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f	0.6471	0.3529	0.5858	0.1639	0.8952
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5282	0.0517	0.8718
trec11-wc	0.7073	0.0650	0.5935	0.6347	0.2527
trec12-wc	0.6129	0.0968	0.6517	0.5040	0.1980
trec21-wc	0.7576	0.0808	0.3764	0.3231	0.1703
trec23-wc	0.6667	0.1111	0.6181	0.5212	0.3321
trec41-wc	0.4886	0.1023	0.2994	0.3119	0.2811
trec45-wc	0.4493	0.1101	0.4867	0.3118	0.3193
tuandromd	0.9865	0.0135	0.9796	0.9589	0.1547
turkish	0.7500	0.1250	0.7547	0.6667	0.3149
tvnews1%	0.8692	0.1308	0.8578	0.7131	0.5152
tvnews10%	0.8820	0.1180	0.8722	0.7437	0.4925
ur3_cobotops_grip	0.9782	0.0218	0.7978	0.5686	0.3508
ur3_cobotops_stop	0.9728	0.0272	0.7942	0.5860	0.4812
urban	0.7910	0.0464	0.8180	0.7560	0.1887
urinalysis	0.9371	0.0629	0.4838	-0.0126	0.4999
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9895	0.0105	0.6730	0.0330	0.0399
vehicle	0.7738	0.1131	0.7458	0.6968	0.1818
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9070	0.0930	0.9069	0.8139	0.4119
vowel	0.6263	0.0680	0.6460	0.5889	0.2303
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17	0.9157	0.0843	0.6860	0.3379	0.5668
wap-wc	0.4872	0.0513	0.3254	0.4265	0.3070
warpar10p	0.6154	0.0769	0.5600	0.5695	0.1417
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc1%	0.9898	0.0029	0.9896	0.9881	0.0218
watch-gyr1%	0.9888	0.0032	0.9887	0.9869	0.0242
water_pollution	0.2667	0.3667	0.2671	0.0219	0.8492
waveform	0.7600	0.1600	0.7599	0.6400	0.4866
weather-related	0.9750	0.0045	0.9759	0.9717	0.0390
web-phishing	0.8667	0.0889	0.8193	0.7686	0.3961
Weekly	0.9815	0.0185	0.9817	0.9627	0.1146
weight-lift	0.9934	0.0027	0.9930	0.9916	0.0208
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9900	0.0050	0.9901	0.9867	0.0255
wilt	0.9917	0.0083	0.9609	0.9187	0.2846
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6415	0.1195	0.3170	0.4245	0.4427
winequality-white	0.6319	0.1052	0.3657	0.4605	0.5159
winnipeg10%	0.9969	0.0009	0.9976	0.9961	0.0081
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5743	0.0851	0.4158	0.4475	0.3322
yeastCYT-POX	0.9388	0.0612	0.6903	0.3691	0.5991
yeastEXC	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.9656	0.0069	0.9617	0.9614	0.0568

Table 380: Detailed results for NLDT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1655	0.0576	0.0784	0.0886	0.4894
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9178	0.0822	0.6033	0.2065	0.6507
accelerometer	0.9822	0.0178	0.6212	0.1192	0.3053
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8687	0.0875	0.3099	-0.0166	0.3138
AID1284Morered	0.8056	0.1944	0.4462	-0.0862	0.8010
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9883	0.0117	0.7352	0.2828	0.0436
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.7143	0.2857	0.4167	-0.1667	0.7987
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.6707	0.3056	0.7334
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID721morered	0.8889	0.1111	0.8333	0.6087	0.2605
AID721red	0.8889	0.1111	0.8333	0.6087	0.2605
aids	0.9061	0.0939	0.8680	0.7316	0.4434
air_pollution	0.1267	0.2495	0.1600	0.0062	0.5037
alcohol	0.7429	0.1029	0.3996	0.3530	0.3891
alzheimers	0.9395	0.0605	0.9336	0.8649	0.2853
anneal	0.9663	0.0135	0.9674	0.9317	0.1118
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9124	0.0438	0.6372	0.8337	0.2290
anuran-genus	0.8873	0.0282	0.5854	0.8137	0.2252
anuran-species	0.7778	0.0444	0.5127	0.6935	0.3171
anxiety	0.0917	0.2019	0.0604	-0.0217	0.6171
apple-quality	0.7675	0.2325	0.7679	0.5350	0.7195
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arrhythmia	0.5333	0.0718	0.2443	0.2512	0.3154
auction	0.9559	0.0441	0.8993	0.7983	0.3743
audiology	0.4783	0.0435	0.2054	0.4298	0.1569
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7000	0.1000	0.5820	0.6066	0.2830
avila	0.3728	0.1045	0.2632	0.2307	0.4382
babies	0.3065	0.1982	0.1368	-0.0178	0.6201
balance	0.8226	0.1183	0.7118	0.7022	0.3819
banknote	0.9854	0.0146	0.9854	0.9704	0.0814
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8272	0.1728	0.8151	0.5901	0.4822
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8095	0.1905	0.7948	0.5758	0.6172
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.6663	0.0230	0.0278	0.0215	0.0297
body-perf	0.4112	0.2944	0.5041	0.2149	0.4139
brain-tumor	0.5070	0.4930	0.5328	0.0167	0.6644
breast-cancer	0.7143	0.2857	0.6242	0.2432	0.8417
breast-cancer-co	0.6364	0.3636	0.6553	0.2903	0.8322
breast-tissue	0.7273	0.0909	0.6655	0.6667	0.1595
bridges	0.4000	0.1714	0.4547	0.3023	0.1549
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9565	0.0435	0.9518	0.9032	0.2392
cancer-uae	0.4150	0.3900	0.3166	0.0019	0.4608
car	0.8333	0.0833	0.7268	0.6752	0.2803
car-insurance	0.7300	0.2700	0.7281	0.4377	0.7378
card	0.8406	0.1594	0.8488	0.6834	0.5371
cardiotocography	0.5915	0.0817	0.4629	0.5143	0.3168
cardiotocography-nsp	0.8732	0.0845	0.8203	0.6806	0.4023
cardiovascular	0.7316	0.2684	0.7334	0.4631	0.7676
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.5520	0.5704	0.3117
cas_N6512_rdkit_descriptors	0.7215	0.2785	0.7204	0.4407	0.7926
cas_N6512_rdkit_MACCS	0.7358	0.2642	0.7349	0.4696	0.7717
cas_N6512_RDkit_MACCS_FP	0.7485	0.2515	0.7469	0.4937	0.7537
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.6534	0.2612	0.5311
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.9277	0.0361	0.8675	0.8916	0.1516
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8420	0.1580	0.7282	0.4376	0.6438
churn-bigml	0.9476	0.0524	0.8887	0.7703	0.3227
ci900367j_MACCS	0.6632	0.3368	0.7007	0.3605	0.7390
circles	0.2940	0.0141	0.1621	0.2869	0.1326
cirrhosis	0.7381	0.1746	0.5172	0.4310	0.2621
cjs	0.9964	0.0012	0.9962	0.9956	0.0059
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.6176	0.1912	0.4650	0.3644	0.3716
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4082	0.3946	0.4235	0.1905	0.4493
codon_usage	0.4866	0.0934	0.3394	0.4105	0.3606
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.9600	0.0053	0.9027	0.9560	0.0158
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6552	0.3448	0.6812	0.3318	0.7732
colposcopies-2	0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6	0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c	0.8276	0.1724	0.7767	0.5511	0.6703
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
column-3c	0.8065	0.1290	0.7844	0.6771	0.3067
cottonmeloidogyne	0.6899	0.3101	0.6939	0.3809	0.8156
coupon	0.6790	0.3210	0.6678	0.3166	0.8139
covtypeCD	0.9553	0.0447	0.9081	0.8155	0.3913
covtypeT	0.9561	0.0439	0.8039	0.5717	0.3443
crabs	0.5000	0.2500	0.5896	0.3333	0.4125
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.7263	0.0912	0.4429	0.4946	0.3317
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.2188	0.0391	0.1479	0.1992	0.1859
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1533	0.2822	0.0787	-0.0034	0.5729
cyclopentane	0.7407	0.2593	0.7905	0.5039	0.4848
cylinder-bands	0.6481	0.3519	0.6313	0.2332	0.8267
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
default	0.8273	0.1727	0.7145	0.3873	0.6193
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8462	0.1538	0.6575	0.1747	0.4663
dermatology	0.8919	0.0360	0.8680	0.8646	0.1106
desharnais	0.7500	0.1667	0.7132	0.5789	0.3187
df_final	0.4375	0.3750	0.4242	0.1000	0.3937
DIA	0.7667	0.2333	0.6889	0.3778	0.7765
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-risk	0.9163	0.0837	0.8672	0.7305	0.4365
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dota210%	0.5350	0.4650	0.5236	0.0366	0.9021
dropout	0.6862	0.2092	0.6139	0.4224	0.3566
drug-01	0.2394	0.2173	0.1794	0.0355	0.5111
drug-02	0.4309	0.1626	0.1521	0.1216	0.6319
drug-03	0.4787	0.1489	0.1484	0.1133	0.5403
drug-04	0.4681	0.1520	0.1900	0.1432	0.6221
drug-05	0.5798	0.1201	0.1729	0.1126	0.4976
drug-06	0.2021	0.2280	0.1850	0.0683	0.6869
drug-07	0.4202	0.1657	0.1482	0.0207	0.4500
drug-08	0.3032	0.1991	0.1841	0.0938	0.5559
drug-09	0.7234	0.0790	0.1610	0.1344	0.2692
drug-10	0.2819	0.2052	0.2197	0.0735	0.5331
drug-11	0.6915	0.0881	0.1194	-0.0019	0.3540
drug-12	0.5532	0.1277	0.1658	0.1492	0.3478
drug-13	0.3457	0.1869	0.1521	0.1252	0.5967
drug-14	0.3830	0.1763	0.1591	0.1115	0.5021
drug-15	0.4468	0.1581	0.1631	0.0632	0.5137
drug-16	0.4521	0.1565	0.2134	0.2338	0.5627
drug-17	0.3138	0.1960	0.1866	0.0334	0.6875
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.4468	0.1581	0.1269	0.0153	0.3804
drybean	0.7693	0.0659	0.7578	0.7249	0.2646
ecoli	0.7353	0.0662	0.4213	0.6344	0.1527
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2400	0.3800	0.2674	-0.0136	0.6666

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
eeg-eye	0.7243	0.2757	0.7233	0.4460	0.7872
eeg10%	0.1184	0.1102	0.1046	0.0564	0.5861
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4384	0.2247	0.3916	0.2897	0.5034
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5294	0.4706	0.3462	-0.0390	0.7106
fishcatch	0.6250	0.1250	0.5405	0.5407	0.2364
flags	0.6000	0.1000	0.3493	0.4904	0.2450
forest	0.8077	0.0962	0.7929	0.7342	0.2444
gas	0.5981	0.1340	0.6570	0.5113	0.3462
gastrointestinal	0.7500	0.1667	0.7726	0.5975	0.3710
gender	0.5600	0.2933	0.3843	0.1125	0.6391
gene	0.8328	0.1115	0.8390	0.7428	0.3455
german	0.6600	0.3400	0.5768	0.1123	0.8016
gestures	0.4495	0.2753	0.4001	0.2648	0.3464
glass	0.6190	0.1270	0.6436	0.4815	0.2406
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.7619	0.2381	0.7548	0.5070	0.7331
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM	0.6842	0.3158	0.6910	0.3736	0.8166
glioma-grade	0.8929	0.1071	0.8949	0.7840	0.4385
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2667	0.3667	0.3710	0.0294	0.5422
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
har701%	0.6332	0.1048	0.3863	0.5151	0.3684
har7010%	0.6580	0.0977	0.4109	0.5433	0.3430
harth1%	0.5676	0.0721	0.2353	0.4318	0.3356
hayes-roth	0.6250	0.2500	0.7692	0.4286	0.2146
hcc-survival	0.7647	0.2353	0.7548	0.4925	0.6907
health-activity	0.6400	0.1800	0.3114	0.1896	0.3300
heart	0.7778	0.2222	0.7794	0.5525	0.6913
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9380	0.0620	0.9290	0.8479	0.1959
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.9110	0.8060	0.4011
higgs0.1%	0.6582	0.3418	0.6555	0.3092	0.8690
higher	0.1429	0.2143	0.0714	0.0000	0.4122
hinselmann	0.5000	0.5000	0.3333	-0.3158	0.8298
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8887	0.1113	0.7867	0.5651	0.5640
horse	0.5000	0.3333	0.3493	0.1231	0.7623
hotel-reservartions	0.8412	0.1588	0.8157	0.6290	0.5999
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.6727	0.2182	0.6936	0.4998	0.5087
htru2	0.9788	0.0212	0.9335	0.8643	0.1995
hypothyroid	0.9894	0.0053	0.7203	0.9368	0.1292
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.6610	0.3390	0.6296	0.2522	0.8391

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
immuno-therapy	0.5556	0.4444	0.3571	-0.2857	0.9011
instagram	0.9733	0.0133	0.9742	0.9644	0.0509
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9800	0.9592	0.1023
jm1	0.8127	0.1873	0.6233	0.1826	0.6538
jvowels	0.4177	0.1294	0.3776	0.3465	0.4252
kc1	0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot	0.7333	0.2667	0.7458	0.3750	0.4472
kc1-class-level-numericdefect	0.4286	0.0476	0.0333	0.2113	0.2423
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.6616	0.3185	0.7781
kepler	0.7845	0.1437	0.7501	0.6215	0.3658
kidney	0.7639	0.0945	0.1908	0.0132	0.3332
kidney-disease	0.9500	0.0500	0.9467	0.8933	0.2764
krkopt	0.2656	0.0816	0.1775	0.1849	0.5204
krvskp	0.9436	0.0564	0.9460	0.8874	0.2511
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.1471	0.0426	0.0696	0.1251	0.2310
led24	0.4500	0.1100	0.3768	0.3872	0.2199
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.1485	0.0655	0.1987	0.1151	0.4441
libra	0.4722	0.0704	0.4703	0.4380	0.2051
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.6765	0.3235	0.6579	0.3100	0.8329
loan	0.9789	0.0211	0.9778	0.9554	0.1492
localization10%	0.3319	0.1215	0.2461	0.2125	0.5321
lrs	0.6792	0.0642	0.3015	0.5691	0.2438
lung_discrete	0.5000	0.1429	0.4286	0.3962	0.1715
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7857	0.1071	0.4188	0.6075	0.1780
machine-failure	0.8936	0.1064	0.8900	0.7792	0.4498
magic04	0.8327	0.1673	0.8152	0.6302	0.6194
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8643	0.7285	0.5266
marketing	0.8527	0.1473	0.6259	0.2041	0.6489
maternal	0.6535	0.2310	0.6623	0.4672	0.5661
math	0.8500	0.0750	0.8839	0.7699	0.2077
mba	0.8371	0.1086	0.3038	-0.0030	0.2068
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.2421	0.0033	0.4859
messidor	0.6522	0.3478	0.6845	0.3324	0.7683
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.6707	0.7642	0.1392
meter-D	0.7778	0.1111	0.8333	0.7120	0.0860
mfeat-fac	0.4450	0.1110	0.4451	0.3833	0.2986
mfeat-fou	0.4550	0.1090	0.5191	0.3944	0.3257
mfeat-kar	0.5250	0.0950	0.5832	0.4722	0.4105
mfeat-mor	0.3750	0.1250	0.3467	0.3056	0.2767
mfeat-pix	0.5700	0.0860	0.5530	0.5222	0.2783
mfeat-zer	0.3700	0.1260	0.3951	0.3000	0.4189
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9623	0.0252	0.9613	0.9416	0.0809
mines	0.4412	0.2235	0.4022	0.2885	0.3408
mobile	0.0559	0.0337	0.0605	0.0391	0.3683

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8033	0.1967	0.8220	0.6086	0.5616
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.1144	0.1610	0.2390	0.0501	0.4718
musk	0.9242	0.0758	0.8439	0.6411	0.2391
MUT_ci300400a_cdk_ESTATE	0.7314	0.2686	0.7269	0.4531	0.7793
MUT_ci300400a_rdkit_descriptors	0.7832	0.2168	0.7767	0.5462	0.6803
myocardial	0.7235	0.0691	0.3738	0.2945	0.2553
naticusdroid	0.9250	0.0750	0.9266	0.8500	0.3322
NCI60	0.3333	0.2222	0.2857	0.2000	0.2364
ncRNA1%	0.8162	0.0193	0.1829	0.5304	0.3297
neo	0.9120	0.0880	0.6789	0.2003	0.3464
new-thyroid	0.9524	0.0317	0.9462	0.9000	0.1719
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5000	0.3333	0.3255	0.0000	0.6425
nursery	0.8935	0.0426	0.5454	0.8425	0.0984
obesity	0.5972	0.1151	0.6145	0.5270	0.3367
obs	0.7037	0.1481	0.7992	0.6065	0.2476
occupancy	0.9903	0.0097	0.9866	0.9730	0.1150
Occupancy_Estimation	0.9911	0.0044	0.9687	0.9729	0.0162
olive	0.9123	0.0195	0.8911	0.8910	0.0458
opn310k10%	0.9066	0.0934	0.6224	0.2061	0.6078
optdigits	0.4840	0.1032	0.5240	0.4263	0.3947
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.3000	0.0350	0.2580	0.2821	0.2017
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9051	0.0949	0.6747	0.3486	0.6546
page-blocks	0.9324	0.0271	0.5738	0.5620	0.3108
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.8910	0.1090	0.8847	0.7597	0.4081
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle10%	0.8831	0.1169	0.8543	0.7086	0.5256
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9459	0.0541	0.7609	0.3822	0.1456
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7731	0.5294	0.6004
pendigits	0.6360	0.0728	0.6408	0.5952	0.3016
period	0.5556	0.4444	0.5000	0.0000	0.9591
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
persistency	0.8163	0.1837	0.8021	0.6031	0.6442
pet-adoption	0.9400	0.0600	0.9319	0.8600	0.2695
phishing	0.9469	0.0531	0.9448	0.8893	0.2887
phone-acc0.1%	0.5276	0.1350	0.5767	0.4488	0.2894
phone-gyr0.1%	0.6734	0.0933	0.6626	0.6172	0.2397
phoneme	0.8204	0.1796	0.7667	0.5248	0.6528
pima	0.7500	0.2500	0.7330	0.4612	0.7515
pirvision	0.9876	0.0083	0.9781	0.9602	0.0624
placement	0.7800	0.2200	0.7729	0.5452	0.7053
plant-growth	0.5263	0.4737	0.5444	0.0757	0.9099
plrx	0.6111	0.3889	0.4834	-0.0328	0.9365
poker1%	0.4585	0.1083	0.1261	0.0408	0.3363
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9602	0.0398	0.7575	0.4489	0.3363

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-5th	0.9509	0.0491	0.7739	0.4534	0.2376
polya	0.7092	0.2908	0.6749	0.3476	0.8255
post-operative	0.5556	0.2963	0.4023	0.2000	0.4007
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.7072	0.3824	0.7477
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.1515	0.0771	0.1059	0.1038	0.2924
profb	0.6269	0.3731	0.5621	0.1235	0.9205
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
puc-rio10%	0.7936	0.0826	0.6769	0.7169	0.2701
pufs-641%	0.5258	0.4742	0.5262	0.0518	0.9798
pulsar	0.9777	0.0223	0.9303	0.8546	0.1586
raisin	0.8778	0.1222	0.8779	0.7556	0.4920
rice	0.9808	0.0192	0.9807	0.9610	0.1178
rocket	0.6401	0.3599	0.6454	0.2841	0.8643
satimage	0.7138	0.0954	0.7045	0.6499	0.3338
satimageF	0.9860	0.0140	0.9632	0.9255	0.1348
satimageT	0.9378	0.0622	0.8140	0.6215	0.4793
scadi	0.8571	0.0408	0.5333	0.8056	0.0421
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5000	0.5000	0.5000	0.0000	0.9694
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.7662	0.0668	0.8202	0.7283	0.1270
segmentation	0.8119	0.1881	0.7900	0.5600	0.6017
segmentO	0.9913	0.0087	0.9828	0.9655	0.1114
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9541	0.9038	0.3038
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9019	0.0981	0.7963	0.5852	0.5410
shuttle	0.9974	0.0007	0.6159	0.9927	0.0105
sick	0.9841	0.0159	0.9325	0.8554	0.0582
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9699	0.0301	0.9536	0.9037	0.1333
skin10%	0.9702	0.0298	0.9540	0.9067	0.1859
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2000	0.4000	0.0862	-0.0799	0.6732
soil_pollution	0.2100	0.3160	0.2384	0.0121	0.5627
solar-flare	0.6619	0.1127	0.5286	0.5663	0.1522
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.6912	0.0325	0.5462	0.6641	0.1028
spam-detection	0.9555	0.0445	0.8652	0.7304	0.4411
spambase	0.8870	0.1130	0.8822	0.7567	0.4306
spect	0.7037	0.2963	0.7105	0.3684	0.6735
spectf	0.7429	0.2571	0.7625	0.4793	0.6462
spectrometer	0.1509	0.0354	0.0401	0.1183	0.2212
splice-EI	0.9464	0.0536	0.9282	0.8561	0.3170
splice-IE	0.9054	0.0946	0.8730	0.7451	0.4929
sport-articles	0.8100	0.1900	0.7974	0.5947	0.6609
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8539	0.0974	0.8201	0.7639	0.2974
steel-b	0.8256	0.1744	0.7195	0.4345	0.7007
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-k	0.9744	0.0256	0.9604	0.9175	0.0949
steel-o	0.7744	0.2256	0.7408	0.4629	0.6919
steel-p	0.9385	0.0615	0.8313	0.6511	0.5507
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9795	0.0205	0.9450	0.8886	0.3044
stock	0.8611	0.1389	0.7272	0.3825	0.5036
stockb	0.9824	0.0117	0.9825	0.9736	0.0528
streaming	0.9900	0.0100	0.9900	0.9797	0.0610
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.4450	0.2220	0.2929	0.2090	0.5250
student-habits	0.3400	0.2640	0.1625	-0.0176	0.5969
student-weekend	0.2154	0.3138	0.2888	0.0304	0.6727
student-workday	0.5938	0.1625	0.2016	0.0556	0.4673
studentap	0.3846	0.4103	0.3937	0.0370	0.7295
susy1%	0.7660	0.2340	0.7648	0.5295	0.7253
tae	0.6000	0.2667	0.6667	0.4000	0.4056
telco-churn	0.8580	0.1420	0.8071	0.5959	0.5341
texture	0.5855	0.0754	0.6329	0.5434	0.2358
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7660	0.2340	0.4337	-0.1215	0.8316
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9158	0.0842	0.9080	0.7992	0.2428
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.3750	0.2083	0.2500	0.2453	0.2966
toxicity	0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f	0.6471	0.3529	0.6136	0.2273	0.8920
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6400	0.3600	0.5334	0.0664	0.8772
tuandromd	0.9664	0.0336	0.9468	0.8906	0.1800
turkish	0.5250	0.2375	0.5373	0.3667	0.5084
tvnews1%	0.7692	0.2308	0.7659	0.5251	0.7101
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7463	0.0564	0.6621	0.7003	0.1905
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
vehicle	0.7262	0.1369	0.5967	0.6167	0.3262
vehicleVAN	0.9405	0.0595	0.9221	0.8438	0.3634
voice	0.5833	0.4167	0.5598	0.1176	0.9159
vote	0.8140	0.1860	0.8139	0.6277	0.6376
vowel	0.4444	0.1010	0.4298	0.3889	0.2627
vowelZ	0.8889	0.1111	0.6083	0.2092	0.6886
watch-acc1%	0.5518	0.1281	0.6382	0.4783	0.3363
watch-gyr1%	0.5742	0.1216	0.6108	0.5031	0.3103
water_pollution	0.2400	0.3800	0.2747	-0.0183	0.7124
waveform	0.6460	0.2360	0.6709	0.4671	0.5406
weather-related	0.4750	0.0955	0.4312	0.4164	0.2458
web-phishing	0.8222	0.1185	0.7474	0.6809	0.4511
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.2500	0.2692	0.1000	0.3195
wifi-loc	0.9850	0.0075	0.9852	0.9800	0.0343
wilt	0.9710	0.0290	0.8262	0.6355	0.3562
wine	0.8235	0.1176	0.8368	0.6982	0.2770
winequality-red	0.4969	0.1677	0.2350	0.1835	0.4653
winequality-white	0.3231	0.1934	0.2075	0.0482	0.4376
wisc_bc	0.9474	0.0526	0.9432	0.8858	0.2729
yale	0.0625	0.1250	0.0190	0.0000	0.2404
yeast	0.4189	0.1162	0.2429	0.2211	0.4036
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastEXC	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053

Table 381: Detailed results for NNR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1928	0.0769	0.1594	0.1098	0.5168
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7941	0.5718	0.5732
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8468	0.1532	0.7750	0.5435	0.6251
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9126	0.0874	0.5746	0.1393	0.6658
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6000	0.4000	0.4724	-0.0526	0.9519
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9987	0.0013	0.4997	-0.0005	0.5055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.9014	0.0986	0.8617	0.7201	0.4675
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8518	0.1482	0.6016	0.0317	0.3709
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8000	0.0800	0.4020	0.5334	0.2427
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8558	0.1442	0.8398	0.6778	0.5580
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9652	0.0174	0.8855	0.9337	0.2083
anuran-genus	0.9499	0.0125	0.8667	0.9173	0.1489
anuran-species	0.9431	0.0114	0.8442	0.9208	0.0918
anxiety	0.1333	0.1926	0.1453	0.0237	0.7327
apple-quality	0.8900	0.1100	0.8910	0.7800	0.4508
aps-failure	0.9855	0.0145	0.8371	0.6615	0.5177
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.5111	0.0978	0.1112	0.1852	0.3133
auction	0.9657	0.0343	0.9192	0.8319	0.2164
audiology	0.8636	0.0248	0.7721	0.8378	0.0626
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.9000	0.0400	0.9032	0.8667	0.0854
avila	0.6363	0.0606	0.4181	0.4957	0.3628
babies	0.5161	0.1382	0.2270	0.2392	0.3694
balance	0.9355	0.0430	0.8103	0.8844	0.2440
bank	0.8995	0.1005	0.6840	0.3032	0.5257
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8986	0.1014	0.8903	0.7710	0.3839
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9973	0.0027	0.9183	0.8347	0.2234
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.8952	0.1048	0.8896	0.7789	0.4599
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6667	0.7143	0.0602
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9540	0.0230	0.8920	0.9022	0.1719
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8841	0.1159	0.8816	0.7575	0.4481
cardiotocography	0.8216	0.0357	0.7514	0.7862	0.2177
cardiotocography-nsp	0.8779	0.0814	0.8023	0.6667	0.3318
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6594	0.5429	0.4205
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7492	0.2508	0.7502	0.4987	0.7466
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.7592	0.2408	0.7597	0.5182	0.7323
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8475	0.1017	0.4201	0.1861	0.3211
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9479	0.0521	0.7537	0.5055	0.5574
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.8269	0.6485	0.5273
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9995	0.0005	0.8697	0.7383	0.3424
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9992	0.0008	0.8343	0.6663	0.4707
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8510	0.1490	0.7456	0.4730	0.6192
churn-bigml	0.9064	0.0936	0.7963	0.5850	0.5349
ci900367j_MACCS	0.6737	0.3263	0.6593	0.3178	0.8552
circles	0.7450	0.0051	0.7386	0.7424	0.0688
cirrhosis	0.7857	0.1429	0.5347	0.5762	0.3577
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8185	0.0907	0.5777	0.7167	0.3044
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5578	0.2948	0.5227	0.3034	0.7070
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8473	0.0278	0.5408	0.8138	0.2353
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	0.4200	0.0773	0.2854	0.3533	0.3042
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2	0.5862	0.4138	0.5100	0.0169	0.9290
colposcopies-3	0.6552	0.3448	0.6446	0.2892	0.8782
colposcopies-4	0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5	0.7931	0.2069	0.5736	0.1386	0.7915
colposcopies-6	0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
connect-4	0.9991	0.0006	0.9807	0.9800	0.0537
cottonmeloidogyne	0.7812	0.2188	0.7813	0.5625	0.6982
coupon	0.7177	0.2823	0.7088	0.4131	0.7938
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.5318	0.1338	0.2033	0.1457	0.2558
covtypeCD	0.9488	0.0512	0.8862	0.7693	0.3641
covtypeT	0.9649	0.0351	0.8543	0.7032	0.3829
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.8949	0.0350	0.7373	0.7787	0.3027
cryotherapy	0.5556	0.4444	0.5791	0.1429	0.8961
cultivars	0.1562	0.0527	0.1212	0.1290	0.1706
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.7593	0.2407	0.7527	0.5049	0.7398
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8260	0.1740	0.7149	0.4015	0.6500
defect	0.9043	0.0957	0.8022	0.5592	0.3930
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9033	0.0967	0.7420	0.4769	0.5987
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5625	0.2917	0.6099	0.3086	0.4071
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.5641	0.1743	0.3085	0.3474	0.4318
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9938	0.0062	0.5294	0.0576	0.4895
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5977	0.4023	0.5948	0.1888	0.9300
dota210%	0.5670	0.4330	0.5633	0.1257	0.9547
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7585	0.1610	0.6684	0.5961	0.4749
drug-01	0.4096	0.1687	0.1521	0.0352	0.3583
drug-02	0.5319	0.1337	0.2318	0.1632	0.4794
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5479	0.1292	0.2102	0.1146	0.3879
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-06	0.4309	0.1626	0.2572	0.2700	0.4560
drug-07	0.4255	0.1915	0.0999	-0.0049	0.3143
drug-08	0.5638	0.1246	0.1974	0.1487	0.4436
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.1544	0.1581	0.3564
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1787	0.2565	0.3227
drug-14	0.6117	0.1109	0.2791	0.3034	0.4193
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5851	0.1185	0.3057	0.3171	0.4067
drug-17	0.3670	0.1809	0.1630	0.1242	0.5043
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9273	0.0208	0.9405	0.9120	0.1186
ecoli	0.8529	0.0490	0.7193	0.7937	0.1721
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2400	0.3800	0.2311	-0.0135	0.8372
eeg	0.3377	0.0828	0.2839	0.2585	0.5581
eeg-eye	0.7423	0.2577	0.7384	0.4757	0.7621
eeg10%	0.3333	0.0833	0.2969	0.2566	0.5591
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6027	0.1589	0.4832	0.4795	0.3669
euthyroid	0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9573	0.0427	0.9573	0.9145	0.2374
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9038	0.0481	0.8846	0.8678	0.1583
gas	0.9849	0.0050	0.9847	0.9817	0.0399
gastrointestinal	0.5625	0.2917	0.4375	0.2911	0.4102
gender	0.6063	0.2625	0.4469	0.1483	0.5378
gene	0.8612	0.0925	0.8435	0.7771	0.3465
german	0.7500	0.2500	0.7109	0.3990	0.7288
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8703	0.1297	0.8708	0.7402	0.5050
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7619	0.0794	0.7455	0.6708	0.2320
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP	0.7143	0.2857	0.7361	0.4375	0.7044
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.4848	0.2814	0.4637
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.3385	0.1102	0.0843	0.2032	0.2144
har	0.7457	0.1017	0.7406	0.6786	0.3815
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8854	0.0327	0.5219	0.8323	0.1405
har7010%	0.8590	0.0403	0.5075	0.7923	0.1629
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.7627	0.0395	0.3310	0.6732	0.2183
harth10%	0.7674	0.0388	0.3323	0.6757	0.2012
hayes-roth	0.5625	0.2917	0.5865	0.3293	0.3945
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7600	0.1200	0.2688	0.0358	0.3239
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.6667	0.3333	0.5379	0.0741	0.8303
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8480	0.1520	0.8496	0.6962	0.5533
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6927	0.3073	0.6919	0.3838	0.8306
higgs1%	0.6783	0.3217	0.6764	0.3525	0.8487
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0890	0.0552	0.3352
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9292	0.0708	0.8719	0.7433	0.4465
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5833	0.2778	0.4041	0.2541	0.5240
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.7258	0.1828	0.7307	0.5897	0.4720
ht-sensor10%	0.7187	0.1875	0.7233	0.5776	0.5020
htru2	0.9799	0.0201	0.9384	0.8765	0.2462
hypothyroid	0.9735	0.0133	0.6672	0.8398	0.2026
hypothyroidT	0.9920	0.0080	0.9739	0.9465	0.2137
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	0.8667	0.0889	0.8500	0.7973	0.2122
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0783	0.0709	0.0303	0.0414	0.3482
jm1	0.8154	0.1846	0.6314	0.1966	0.6443
jvowels	0.9036	0.0214	0.8934	0.8907	0.1354
kc1	0.8483	0.1517	0.6483	0.2611	0.6660
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6154	0.1538	0.2756	0.2935	0.3857

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9949	0.0008	0.5876	0.9914	0.0407
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3287	0.0746	0.2102	0.2422	0.5136
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0205	0.7495	0.7525	0.0550
led24	0.7500	0.0556	0.7729	0.7159	0.1359
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.5475	0.0348	0.5503	0.5292	0.3556
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8056	0.0259	0.7652	0.7912	0.0526
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7647	0.2353	0.7455	0.4868	0.7356
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8679	0.0377	0.6319	0.8163	0.0830
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.6429	0.2381	0.4872	0.3913	0.4368
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.8936	0.1064	0.8904	0.7809	0.4568
madelon	0.5115	0.4885	0.5115	0.0231	0.9931
magic04	0.8695	0.1305	0.8545	0.7024	0.4998
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8929	0.1071	0.7627	0.5124	0.5713
maternal	0.6436	0.2376	0.6521	0.4525	0.5523
math	0.7250	0.1375	0.6400	0.5817	0.4150
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2333	0.3067	0.1761	0.0319	0.5883
messidor	0.7043	0.2957	0.6980	0.3957	0.8189
meter-A	0.6250	0.3750	0.6291	0.2500	0.8686
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.7778	0.1111	0.6350	0.6856	0.1970
mfeat-fac	0.7650	0.0470	0.7615	0.7389	0.1595
mfeat-fou	0.7900	0.0420	0.7910	0.7667	0.1794

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-kar	0.9150	0.0170	0.9167	0.9056	0.0992
mfeat-mor	0.7200	0.0560	0.7221	0.6889	0.1985
mfeat-pix	0.3550	0.1290	0.2718	0.2833	0.2815
mfeat-zer	0.7950	0.0410	0.7969	0.7722	0.1814
mice-prot	0.9907	0.0023	0.9917	0.9894	0.0118
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5231	0.4463	0.4226
mobile	0.4545	0.0195	0.4558	0.4447	0.2217
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8689	0.1311	0.8521	0.6958	0.4955
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9788	0.0212	0.9591	0.9182	0.2017
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7494	0.2506	0.7402	0.4794	0.7558
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.7902	0.2098	0.7834	0.5666	0.6884
MUT_ci300400a_cdk_PUBCHEM	0.8216	0.1784	0.8176	0.6349	0.6279
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.8058	0.1942	0.8001	0.5987	0.6540
myocardial	0.8765	0.0309	0.2733	0.4498	0.1850
naticusdroid	0.9662	0.0338	0.9663	0.9325	0.1983
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.8732	0.0133	0.2132	0.6056	0.1864
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.7619	0.1587	0.4301	0.4697	0.1504
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6554	0.3446	0.6532	0.3062	0.8750
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9367	0.0633	0.9239	0.8473	0.3608
NPHA-doctor-visits	0.4583	0.3611	0.2669	-0.0796	0.5798
nursery	0.9653	0.0174	0.9440	0.9491	0.0883
obesity	0.8578	0.0406	0.8562	0.8340	0.1714
obs	0.8611	0.0694	0.9006	0.7881	0.1578
occupancy	0.9898	0.0102	0.9860	0.9717	0.1196
Occupancy_Estimation	0.9941	0.0030	0.9800	0.9820	0.0287
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9298	0.0156	0.9014	0.9124	0.0363
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.8808	0.0238	0.8857	0.8675	0.1386
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0250	0.0488	0.0012	0.0000	0.4257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr	0.9051	0.0949	0.5818	0.1534	0.6730
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9671	0.0132	0.8194	0.8097	0.3151
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.8104	0.1896	0.8100	0.6124	0.6345
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.9251	0.0749	0.9072	0.8144	0.3971
particle10%	0.9308	0.0692	0.9147	0.8294	0.3802
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.8183	0.6333	0.6082
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9172	0.0166	0.9183	0.9079	0.1196
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7988	0.2012	0.7847	0.5694	0.6809
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9350	0.0650	0.9258	0.8501	0.3194
phishing	0.9551	0.0449	0.9533	0.9063	0.2564
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7963	0.2037	0.7741	0.5385	0.6825
phy	0.7020	0.2980	0.7043	0.4034	0.8050
pima	0.7368	0.2632	0.7191	0.4081	0.7142
pirvision	0.9987	0.0009	0.9977	0.9959	0.0204
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.6316	0.3684	0.6292	0.2570	0.8973
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.0000	0.2222	0.0000	0.0000	0.2380
poker1%	0.5210	0.1369	0.1536	0.0541	0.2576
poker10%	0.5437	0.1141	0.1501	0.1162	0.2763
polish-1st	0.9559	0.0441	0.4887	-0.0100	0.4925
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9239	0.0761	0.6739	0.3436	0.6286
polya	0.7773	0.2227	0.7643	0.5268	0.7157
popularity	0.6648	0.2235	0.4156	0.2206	0.4670
post-operative	0.4444	0.3704	0.2051	-0.3636	0.5085
postures	0.8789	0.0485	0.8796	0.8485	0.2061
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6030	0.2059	0.9259
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.3103	0.4199	0.2640

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
processed	0.9999	0.0001	0.9999	0.9998	0.0014
profb	0.7910	0.2090	0.7691	0.5370	0.7030
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.9038	0.0385	0.8414	0.8699	0.1774
puc-rio10%	0.9240	0.0304	0.8587	0.8974	0.1398
pufs-1281%	0.4918	0.5082	0.4918	-0.0164	1.0000
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5050	0.4950	0.5050	0.0100	0.9971
pufs-6410%	0.4998	0.5002	0.4997	-0.0005	0.9951
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6488	0.3512	0.6242	0.2409	0.8789
RT_IOT2022	0.9486	0.0086	0.5210	0.8707	0.0270
satimage	0.8663	0.0446	0.8458	0.8353	0.2042
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.9456	0.0544	0.8417	0.6809	0.4539
scadi	0.8571	0.0571	0.7467	0.8056	0.0503
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5000	0.5000	0.5000	0.0000	0.9994
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.9573	0.0427	0.9584	0.9142	0.2177
seeds	0.3333	0.4444	0.1667	0.0000	0.4167
segment	0.9567	0.0124	0.9610	0.9494	0.0596
segmentation	0.8465	0.1535	0.8300	0.6581	0.5790
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8970	0.1030	0.7866	0.5667	0.5620
shuttle	0.9978	0.0006	0.8289	0.9937	0.2370
sick	0.9655	0.0345	0.8459	0.6799	0.3545
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9994	0.0006	0.9991	0.9983	0.0112
skin10%	0.9988	0.0012	0.9981	0.9963	0.0207
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
soil_pollution	0.2000	0.3200	0.2076	0.0012	0.8353
solar-flare	0.7554	0.0815	0.5877	0.6854	0.1994
sonar	0.7000	0.3000	0.7041	0.4000	0.7994
soybean	0.9853	0.0015	0.9447	0.9838	0.0064
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9152	0.0848	0.9109	0.8212	0.3865
spect	0.7407	0.2593	0.6469	0.2921	0.7993
spectf	0.9143	0.0857	0.8928	0.7835	0.4068
spectrometer	0.5192	0.0356	0.4007	0.4914	0.1586
splice-EI	0.9369	0.0631	0.9189	0.8369	0.3785
splice-IE	0.9211	0.0789	0.8963	0.7904	0.4441
sport-articles	0.8200	0.1800	0.8094	0.6182	0.6401
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8162	0.1225	0.7727	0.7005	0.3505
steel-b	0.8256	0.1744	0.7113	0.4118	0.6926
steel-d	0.9897	0.0103	0.9140	0.8280	0.3214
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7897	0.2103	0.7598	0.5013	0.6614
steel-p	0.9385	0.0615	0.7957	0.5915	0.5517
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9236	0.0764	0.8729	0.7457	0.4740
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6550	0.1380	0.3640	0.4369	0.4117
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4000	0.2400	0.2748	0.1581	0.5429
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.4686	0.1875	0.6131
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.8046	0.1954	0.8035	0.6024	0.6427
susy10%	0.7992	0.2008	0.7979	0.5913	0.6536
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9945	0.0010	0.9947	0.9940	0.0083
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7651	0.2349	0.7487	0.4705	0.6874
tis10%	0.6791	0.3209	0.6382	0.2634	0.7999
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7310	0.4426	0.7072
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.6193	0.2326	0.8185
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9843	0.0157	0.9754	0.9507	0.1231
turkish	0.7750	0.1125	0.7853	0.7000	0.3110
tvnews	0.8812	0.1188	0.8754	0.7489	0.4989
tvnews1%	0.9077	0.0923	0.9009	0.8018	0.4246
tvnews10%	0.8990	0.1010	0.8910	0.7819	0.4487
ur3_cobotops_grip	0.9646	0.0354	0.6281	0.2203	0.5275
ur3_cobotops_stop	0.9701	0.0299	0.7343	0.4085	0.3719
urban	0.7463	0.0564	0.7345	0.7032	0.2170
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.8214	0.0893	0.8044	0.7604	0.1666
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.7374	0.0478	0.7519	0.7111	0.1581
vowelZ	0.9697	0.0303	0.9134	0.8254	0.3837
vrnormat310k-hg16-17	0.9142	0.0858	0.7129	0.4201	0.6136
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8420	0.1053	0.8433	0.7631	0.3588
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.7926	0.1383	0.6610	0.6272	0.5168
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9959	0.0041	0.9793	0.9578	0.1858
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5912	0.1363	0.2751	0.3350	0.4073
winequality-white	0.5481	0.1506	0.3373	0.2882	0.4460
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9847	0.0044	0.9720	0.9806	0.0470
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.6014	0.0886	0.4153	0.4874	0.3758
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.8247	0.0351	0.8045	0.8034	0.2166

Table 382: Detailed results for NSlackSSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
balance	0.8710	0.0860	0.7228	0.7634	0.3416
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-tissue	0.8182	0.0606	0.7738	0.7800	0.0411
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cardiotocography	0.8169	0.0366	0.7525	0.7803	0.2272
cardiotocography-nsp	0.8826	0.0782	0.7949	0.6876	0.3842
cars	0.7250	0.1833	0.6039	0.4977	0.5002
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
circles	0.4030	0.0119	0.3452	0.3970	0.1351
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5170	0.3220	0.4797	0.1939	0.6358
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2	0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3	0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4062	0.0297	0.2659	0.3883	0.0981
cyclopentane	0.7407	0.2593	0.7403	0.4793	0.7616
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
drug-01	0.3989	0.1717	0.2024	0.0625	0.5491
drug-02	0.5160	0.1383	0.1593	0.1129	0.4879
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5106	0.1398	0.1704	0.0976	0.5892
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.2445	0.2579	0.5038
drug-07	0.4734	0.1505	0.1533	0.0942	0.3161
drug-08	0.5585	0.1261	0.1854	0.0989	0.4440
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5479	0.1292	0.1480	0.1251	0.3736
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6117	0.1109	0.1719	0.1955	0.3480
drug-14	0.5798	0.1201	0.2022	0.1880	0.5628
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.5957	0.1155	0.2573	0.2717	0.3576
drug-17	0.3617	0.1824	0.1472	0.1233	0.5290
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
ecoli	0.8235	0.0441	0.5131	0.7583	0.1582
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
forest	0.9423	0.0288	0.9298	0.9208	0.1023
gender	0.5895	0.2737	0.3482	0.0026	0.3353
glass	0.6190	0.1270	0.6457	0.4528	0.2722
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
green	0.7000	0.3000	0.6098	0.2105	0.8520
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hayes-roth	0.3750	0.4167	0.3972	0.0303	0.7342
heart	0.8148	0.1852	0.8118	0.6218	0.6384
hepatitis	0.9333	0.0667	0.9148	0.8148	0.4011
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higher	0.2143	0.1964	0.1902	0.0888	0.3576
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
kc1	0.8626	0.1374	0.6840	0.2188	0.4114
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6081	0.1734	0.7219
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.9167	0.0111	0.9301	0.9104	0.0365
liver	0.7647	0.2353	0.7312	0.4625	0.7536
lrs	0.8868	0.0226	0.5704	0.8427	0.0498
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
maternal	0.6436	0.2376	0.6505	0.4492	0.5241
messidor	0.7391	0.2609	0.7418	0.4789	0.7540
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.9167	0.8475	0.1419
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-kar	0.9500	0.0100	0.9501	0.9444	0.0637
mfeat-mor	0.7350	0.0530	0.7396	0.7056	0.1860
mfeat-zer	0.8200	0.0360	0.8185	0.8000	0.1188
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.3993	0.4087	0.3504
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5000	0.3333	0.2849	-0.0302	0.5269
obs	0.8241	0.0880	0.8623	0.7329	0.2164
occupancy	0.9883	0.0117	0.9840	0.9677	0.1315
page-blocks	0.9708	0.0117	0.8451	0.8276	0.1149
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
phoneme	0.7778	0.2222	0.7232	0.4462	0.7484
pima	0.7237	0.2763	0.7074	0.3667	0.6931
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
segment	0.9481	0.0148	0.9534	0.9393	0.0639
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sick	0.9655	0.0345	0.8435	0.6656	0.3054
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9273	0.0727	0.8994	0.7936	0.4426
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
spectf	0.8000	0.2000	0.7378	0.4615	0.6846
sport-articles	0.8300	0.1700	0.8144	0.6249	0.6065
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
steel-b	0.8308	0.1692	0.7149	0.4114	0.6677
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.7436	0.2564	0.7052	0.3513	0.6581
steel-p	0.9179	0.0821	0.6618	0.2948	0.5925
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9061	0.8093	0.4129
tae	0.4000	0.4000	0.4101	0.1000	0.7275
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
urban	0.7612	0.0531	0.7913	0.7220	0.1888
vehicle	0.7500	0.1250	0.7240	0.6655	0.1954
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.6364	0.0661	0.6460	0.6000	0.1750
vowelZ	0.9596	0.0404	0.8915	0.7778	0.4525
web-phishing	0.8074	0.1284	0.5592	0.6406	0.4051
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9731	0.0269	0.8410	0.6693	0.3467
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5912	0.1363	0.2160	0.3049	0.3162
winequality-white	0.5153	0.1385	0.1955	0.1994	0.3515
yeast	0.5338	0.0932	0.3659	0.4019	0.3865
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

Table 383: Detailed results for OC1

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2278	0.0533	0.1185	0.1486	0.4757
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.3500	0.6500	0.3492	-0.3000	1.0000
ads	0.9543	0.0457	0.8999	0.7849	0.2100
adult	0.8516	0.1484	0.7784	0.5418	0.5896
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.7905	0.2095	0.4415	-0.0519	0.7262
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.8889	0.1111	0.8333	0.6087	0.2605
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.9014	0.0986	0.8613	0.6996	0.3581
air_pollution	0.1300	0.2486	0.1325	-0.0104	0.4893
alcohol	0.6762	0.1295	0.3052	0.2699	0.5459
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.9395	0.0605	0.9334	0.8657	0.2997
anneal	0.9551	0.0180	0.7481	0.9033	0.1024
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9263	0.0369	0.8795	0.8629	0.2098
anuran-genus	0.8401	0.0400	0.4600	0.7399	0.2328
anuran-species	0.8583	0.0283	0.5863	0.8030	0.1834
anxiety	0.0917	0.2019	0.0839	-0.0217	0.6996
apple-quality	0.7625	0.2375	0.7723	0.5250	0.6719
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia	0.5111	0.0752	0.2044	0.2211	0.3423
auction	0.9461	0.0539	0.8692	0.7261	0.3319
audiology	0.4783	0.0435	0.1845	0.4226	0.1495
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autos	0.4000	0.2000	0.3704	0.3043	0.3493
avila	0.4178	0.0970	0.2943	0.2808	0.4415
babies	0.3468	0.1866	0.1725	0.0307	0.4795
balance	0.7581	0.1613	0.6183	0.5953	0.4704
bank	0.9133	0.0867	0.7545	0.4947	0.5525
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8479	0.1521	0.8325	0.6613	0.5677
basehock	0.8291	0.1709	0.8479	0.6588	0.4459
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8476	0.1524	0.8426	0.6830	0.5747
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.6043	0.0273	0.0261	0.0128	0.0166
body-perf	0.4209	0.2896	0.3705	0.2279	0.3968
brain-tumor	0.5020	0.4980	0.5026	0.0050	0.9804
breast-cancer	0.6786	0.3214	0.5195	0.0308	0.8648
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.7273	0.0909	0.6655	0.6667	0.1595
bridges	0.8000	0.0571	0.5195	0.6970	0.0821
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9710	0.0290	0.9681	0.9361	0.1885
cancer-uae	0.4230	0.3847	0.3106	-0.0105	0.5531
car	0.8218	0.0891	0.4636	0.6310	0.2822
car-insurance	0.8290	0.1710	0.7931	0.5778	0.6159
card	0.8261	0.1739	0.8219	0.6327	0.5782
cardiotocography	0.6808	0.0639	0.6214	0.6158	0.2445
cardiotocography-nsp	0.8732	0.0845	0.8325	0.6852	0.3650
cardiovascular	0.7289	0.2711	0.7292	0.4577	0.7797
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.7085	0.5638	0.4136
cas_N6512_cdk_ECFP2	0.6713	0.3287	0.6801	0.3504	0.8271
cas_N6512_rdkit_ATOMPAIR	0.6600	0.3400	0.6658	0.3257	0.8508
cas_N6512_RDkit_AtomPair_FP	0.6840	0.3160	0.6840	0.3674	0.8390
cas_N6512_rdkit_AVALON	0.7005	0.2995	0.7029	0.4029	0.8117
cas_N6512_RDkit_Avalon_FP	0.7147	0.2853	0.7120	0.4231	0.8011
cas_N6512_rdkit_descriptors	0.7108	0.2892	0.7104	0.4203	0.8057
cas_N6512_rdkit_FEATMORGAN	0.6498	0.3502	0.6454	0.2887	0.8785
cas_N6512_RDkit_Featmorgan_FP	0.6672	0.3328	0.6942	0.3520	0.7578
cas_N6512_RDkit_FP	0.6702	0.3298	0.6737	0.3439	0.8460
cas_N6512_rdkit_LAYERED	0.7031	0.2969	0.7014	0.4028	0.8181
cas_N6512_RDkit_Layered_FP	0.6733	0.3267	0.6731	0.3457	0.8520
cas_N6512_rdkit_MACCS	0.6974	0.3026	0.6947	0.3891	0.8255
cas_N6512_RDkit_MACCS_FP	0.7485	0.2515	0.7529	0.4999	0.7352
cas_N6512_rdkit_MORGAN	0.6892	0.3108	0.6912	0.3801	0.8274
cas_N6512_RDkit_morgan_FP	0.6718	0.3282	0.6754	0.3471	0.8437
cas_N6512_rdkit_PATTERN	0.7246	0.2754	0.7250	0.4490	0.7847
cas_N6512_RDkit_pattern_FP	0.7101	0.2899	0.7135	0.4230	0.7957
cas_N6512_rdkit_RDKITFP	0.6697	0.3303	0.6679	0.3359	0.8589
cas_N6512_rdkit_TORSION	0.6554	0.3446	0.6800	0.3284	0.7840
ccds1%	0.9588	0.0412	0.4895	-0.0052	0.3718
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6943	0.3057	0.6640	0.3279	0.8429
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9542	0.0458	0.6875	0.1093	0.1272
central-nervous-system	0.1667	0.8333	0.1429	-0.6667	0.9586
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-C	0.9302	0.0698	0.6139	0.2158	0.6307
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.9300	0.0350	0.8563	0.8949	0.1407
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.0002	0.9998	0.0002	0.0000	0.0007
chronic-kidney	0.8976	0.1024	0.5733	0.1391	0.6869
churn	0.8390	0.1610	0.7148	0.3393	0.5039
churn-bigml	0.8989	0.1011	0.7705	0.5178	0.5231
ci900367j_MACCS	0.6632	0.3368	0.6391	0.1456	0.6008
circles	0.2950	0.0141	0.1600	0.2879	0.1317
cirrhosis	0.7143	0.1905	0.6375	0.4324	0.4803
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.6481	0.1759	0.3686	0.4148	0.3581
climate	0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111	0.4167	0.3889	0.5305	0.0667	0.4297
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4354	0.3764	0.5246	0.2167	0.5464
cnae-9	0.4722	0.1173	0.5342	0.4062	0.2674
codon_usage	0.5203	0.0872	0.3972	0.4565	0.3477
coil20	0.3750	0.0625	0.3422	0.3426	0.2651
college	0.8831	0.1169	0.8507	0.7009	0.5266
collins	0.9600	0.0053	0.9027	0.9560	0.0158
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5862	0.4138	0.4937	-0.0116	0.9557
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.6207	0.3793	0.5909	0.1671	0.8893
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7586	0.2414	0.6866	0.3715	0.7765
column-2c	0.9355	0.0645	0.9342	0.8597	0.3145
column-3c	0.7742	0.1505	0.6690	0.6220	0.3174
cottonmeloidogyne	0.6875	0.3125	0.6905	0.3759	0.8232
coupon	0.6719	0.3281	0.6607	0.2971	0.8105
covtypeCD	0.9488	0.0512	0.8845	0.7607	0.3210
covtypeT	0.9569	0.0431	0.8122	0.6076	0.4047
crabs	0.6000	0.2000	0.6621	0.4667	0.2895
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.7392	0.0869	0.4447	0.5090	0.3380
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.0625	0.0469	0.0273	0.0467	0.2392
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1367	0.2878	0.1690	-0.0410	0.6991
cyclopentane	0.7037	0.2963	0.7373	0.4286	0.6809
cylinder-bands	0.6667	0.3333	0.6525	0.2779	0.8116
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8270	0.1730	0.7147	0.3929	0.6309
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
deposit	0.9007	0.0993	0.7230	0.4290	0.5913
depressed	0.8182	0.1818	0.4500	-0.0265	0.6019
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.6972	0.3846	0.3352
dexter	0.8333	0.1667	0.8537	0.6667	0.4011
df_final	0.5000	0.3333	0.4148	0.2000	0.4996
DIA	0.7833	0.2167	0.6723	0.3158	0.7212
diabetes	0.8654	0.1346	0.8566	0.7074	0.5070
diabetes-risk	0.9166	0.0834	0.8677	0.7315	0.4354
diabetic1%	0.5392	0.3072	0.3501	0.1094	0.5439
diagnosis	0.9167	0.0833	0.9226	0.8333	0.3145
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6526	0.1390	0.6646	0.5199	0.4090
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dota210%	0.5476	0.4524	0.5510	0.1007	0.9607
dropout	0.7269	0.1821	0.6245	0.5030	0.3143
drug-01	0.2660	0.2097	0.1715	0.0415	0.5303
drug-02	0.3936	0.1733	0.1316	0.0854	0.6026
drug-03	0.5213	0.1368	0.1516	0.1283	0.4323
drug-04	0.4043	0.1702	0.1462	0.1148	0.6785
drug-05	0.4947	0.1444	0.1288	-0.0067	0.3173
drug-06	0.1543	0.2416	0.1567	0.0196	0.5945
drug-07	0.4202	0.1657	0.1101	-0.0053	0.3297
drug-08	0.3511	0.1854	0.1573	0.1019	0.6576
drug-09	0.6330	0.1049	0.1436	0.1005	0.2765
drug-10	0.2553	0.2128	0.1475	0.0667	0.5480
drug-11	0.6543	0.0988	0.1739	0.1052	0.4267
drug-12	0.5053	0.1413	0.1554	0.1031	0.3379
drug-13	0.4468	0.1581	0.2561	0.2244	0.5658
drug-14	0.3670	0.1809	0.1766	0.1167	0.5386
drug-15	0.4574	0.1550	0.1355	0.0739	0.5006
drug-16	0.5160	0.1383	0.2651	0.3176	0.4936
drug-17	0.2606	0.2112	0.1154	0.0293	0.6512
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.5106	0.1398	0.1433	0.0695	0.3915
drybean	0.8575	0.0407	0.8518	0.8281	0.2202
ecoli	0.6765	0.0809	0.3501	0.5569	0.1980
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2400	0.3800	0.2588	-0.0144	0.7237
eeg-eye	0.7397	0.2603	0.7355	0.4667	0.7587
eeg10%	0.2030	0.0996	0.1609	0.1188	0.6154
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5479	0.1808	0.5466	0.4262	0.4445
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
fakenews	0.4975	0.5025	0.5000	0.0001	0.9487
fbis-wc	0.2927	0.0832	0.2096	0.1655	0.3565
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.6275	0.3725	0.6255	0.2077	0.8034
financial-risk	0.5685	0.1237	0.4814	0.3452	0.3591
fishcatch	0.6250	0.1250	0.5784	0.5317	0.2194
flags	0.6000	0.1000	0.2924	0.4888	0.1913

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
forest	0.8654	0.0673	0.8397	0.8141	0.1919
gas	0.6125	0.1292	0.5759	0.5311	0.3468
gastrointestinal	0.5625	0.2917	0.4336	0.2727	0.6460
gender	0.5853	0.2765	0.5033	0.1495	0.5239
gene	0.9054	0.0631	0.9027	0.8506	0.2301
german	0.6800	0.3200	0.6275	0.2471	0.8592
gestures	0.4452	0.2774	0.3686	0.2591	0.3375
gina	0.9020	0.0980	0.9035	0.8036	0.4063
glass	0.7619	0.0794	0.8289	0.6719	0.2411
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.9524	0.0476	0.9529	0.9014	0.2404
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.6842	0.3158	0.7091	0.3804	0.7358
gli_85	0.7500	0.2500	0.7895	0.5000	0.5283
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.4000	0.3000	0.5126	0.1718	0.4602
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7000	0.3000	0.6011	0.2012	0.8607
hapt	0.8637	0.0227	0.6048	0.8387	0.1434
har	0.3950	0.2420	0.5071	0.2524	0.4373
har701%	0.6150	0.1100	0.3895	0.4994	0.3023
har7010%	0.6717	0.0938	0.4148	0.5639	0.3415
harth1%	0.5007	0.0832	0.2047	0.3437	0.3529
hayes-roth	0.6250	0.2500	0.7692	0.4286	0.2146
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.6400	0.1800	0.4777	0.0446	0.4810
heart	0.7778	0.2222	0.7713	0.5120	0.6272
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure	0.9220	0.0780	0.9088	0.8174	0.3885
heart-quantum	0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6664	0.3336	0.6690	0.3353	0.8535
higher	0.1429	0.2143	0.1042	0.0059	0.4201
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8583	0.1417	0.7029	0.3572	0.5864
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.5556	0.2963	0.5498	0.2836	0.6889
hotel-reservartions	0.8021	0.1979	0.7697	0.4862	0.5429
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.7337	0.1775	0.7414	0.6024	0.4618
htru2	0.9760	0.0240	0.9266	0.8529	0.2870
hypothyroid	0.9867	0.0066	0.7149	0.9220	0.1571
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy	0.6667	0.3333	0.5950	0.1818	0.8134
instagram	0.9673	0.0163	0.9686	0.9564	0.0574
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.2478	0.0579	0.2625	0.2177	0.3685
jm1	0.8127	0.1873	0.6345	0.2281	0.6959
jvowels	0.5723	0.0950	0.5662	0.5137	0.3520
kc1	0.8673	0.1327	0.7133	0.4097	0.6365
kc1-class-level-defectiveornot	0.6667	0.3333	0.6637	0.3243	0.8514
kc1-class-level-numericdefect	0.5000	0.0417	0.0365	0.2519	0.1917
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.5552	0.1011	0.8298
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8107	0.1262	0.7744	0.6704	0.3073
kidney	0.7955	0.0818	0.1876	0.0022	0.2660
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.2157	0.0871	0.1331	0.1326	0.6143
krvskp	0.9342	0.0658	0.9362	0.8686	0.2973
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.1765	0.0412	0.0588	0.1470	0.2121
led24	0.4000	0.1200	0.4090	0.3239	0.2836
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.1700	0.0638	0.1997	0.1326	0.4235
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.3889	0.0815	0.3972	0.3465	0.2475
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9995	0.0005	0.9634	0.9266	0.1329
liver	0.7059	0.2941	0.6489	0.2946	0.8394
loan	0.9836	0.0164	0.9828	0.9653	0.1230
localization10%	0.3198	0.1237	0.1983	0.1942	0.5393
lrs	0.7925	0.0415	0.3241	0.7127	0.1448
lung	0.8571	0.0571	0.7778	0.6971	0.1148
lung_discrete	0.5000	0.1429	0.2857	0.4286	0.0523
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7099	0.7790	0.0679
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.8571	0.0714	0.4469	0.7255	0.1760
lymphoma2	0.4444	0.1852	0.2431	0.2500	0.2675
machine-failure	0.8830	0.1170	0.8791	0.7581	0.4837
madelon	0.6885	0.3115	0.6901	0.3769	0.8272
magic04	0.8264	0.1736	0.8081	0.6160	0.6327
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8229	0.6421	0.6074
marketing	0.7946	0.2054	0.6479	0.2895	0.7349
maternal	0.6337	0.2442	0.7041	0.4201	0.3293
math	0.7500	0.1250	0.7522	0.6120	0.3117
mba	0.8339	0.1108	0.3950	0.1127	0.4768
mental-disorders	0.6667	0.1667	0.6769	0.5556	0.3225
mental-health	0.1900	0.3240	0.2195	-0.0065	0.5967
messidor	0.6783	0.3217	0.6869	0.3645	0.8185
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8333	0.0833	0.7917	0.7741	0.1393
mfeat-fac	0.5600	0.0880	0.5318	0.5111	0.2572
mfeat-fou	0.3650	0.1270	0.3034	0.2944	0.3504

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-kar	0.3850	0.1230	0.4054	0.3167	0.4659
mfeat-mor	0.4100	0.1180	0.3759	0.3444	0.3012
mfeat-pix	0.5150	0.0970	0.5193	0.4611	0.3451
mfeat-zer	0.3650	0.1270	0.3802	0.2944	0.4316
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8585	0.0943	0.8808	0.7789	0.2004
mines	0.3529	0.2588	0.3739	0.1878	0.4743
mobile	0.0315	0.0346	0.0318	0.0120	0.3986
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.7541	0.2459	0.7132	0.4085	0.7349
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.1122	0.1614	0.2190	0.0451	0.4809
musk	0.9121	0.0879	0.8147	0.6107	0.4557
MUT_ci300400a_cdk_ECFP2	0.7302	0.2698	0.7217	0.4432	0.7855
MUT_ci300400a_cdk_ECFP4	0.6407	0.3593	0.6526	0.2940	0.8500
MUT_ci300400a_cdk_ECFP6	0.6539	0.3461	0.6693	0.3233	0.8255
MUT_ci300400a_cdk_ESTATE	0.6799	0.3201	0.6643	0.3243	0.8467
MUT_ci300400a_cdk_EXTENDED	0.7338	0.2662	0.7239	0.4468	0.7795
MUT_ci300400a_cdk_FCFP2	0.6826	0.3174	0.7082	0.3871	0.7552
MUT_ci300400a_cdk_FCFP4	0.6595	0.3405	0.6430	0.2382	0.7746
MUT_ci300400a_cdk_FCFP6	0.6619	0.3381	0.6811	0.3423	0.8043
MUT_ci300400a_cdk_MACCS	0.7422	0.2578	0.7312	0.4499	0.7408
MUT_ci300400a_cdk_PUBCHEM	0.7210	0.2790	0.7144	0.4286	0.7967
MUT_ci300400a_cdk_STANDARD	0.6886	0.3114	0.6826	0.3647	0.8366
MUT_ci300400a_rdkit_descriptors	0.7469	0.2531	0.7445	0.4879	0.7543
myocardial	0.7882	0.0529	0.2950	0.2929	0.1995
naticusdroid	0.9322	0.0678	0.9332	0.8643	0.3156
NCI60	0.3333	0.2222	0.2564	0.2000	0.2590
nci9	0.5000	0.1667	0.4375	0.4000	0.1756
ncRNA1%	0.8030	0.0207	0.1902	0.4969	0.3806
ncRNA10%	0.7785	0.0233	0.1551	0.4793	0.5824
neo	0.9118	0.0882	0.6776	0.1970	0.3469
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4722	0.3519	0.2536	-0.0658	0.5807
nursery	0.8873	0.0451	0.5403	0.8329	0.1322
obesity	0.5735	0.1219	0.6297	0.5040	0.2984
obs	0.6667	0.1667	0.7263	0.5472	0.3681
occupancy	0.9917	0.0083	0.9885	0.9769	0.0963
Occupancy_Estimation	0.9793	0.0104	0.9325	0.9369	0.0409
oh0-wc	0.4455	0.1109	0.4895	0.3734	0.2310
oh10-wc	0.4667	0.1067	0.3908	0.3816	0.2691
oh15-wc	0.4674	0.1065	0.4217	0.3671	0.2702
oh5-wc	0.4066	0.1187	0.3535	0.3163	0.3289
olive	0.8421	0.0351	0.7995	0.7951	0.0924
opn310k10%	0.9094	0.0906	0.6132	0.1574	0.5424
optdigits	0.3968	0.1206	0.4512	0.3288	0.3957
optdigitsZ	0.9858	0.0142	0.9570	0.9137	0.2380
orl	0.2000	0.0400	0.1601	0.1795	0.2098
orlraws10P	0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9170	0.0830	0.4784	-0.0145	0.5062
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7887	0.2113	0.7571	0.5094	0.7006
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8333	0.1667	0.8421	0.6697	0.5449

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9397	0.0241	0.7036	0.6802	0.2845
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8768	0.1232	0.8681	0.7304	0.4752
parkinsons-small	0.8947	0.1053	0.8633	0.6885	0.2605
particle10%	0.8769	0.1231	0.8438	0.6858	0.5314
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9009	0.0991	0.5548	0.1042	0.6873
pcmac	0.5722	0.4278	0.4503	-0.0164	0.6775
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8026	0.1974	0.7238	0.4444	0.7208
pediatric-leukemia	0.5000	0.1429	0.4725	0.3884	0.4041
pendigits	0.7398	0.0520	0.7557	0.7107	0.2400
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.7901	0.2099	0.7709	0.5326	0.6736
pet-adoption	0.9000	0.1000	0.8903	0.7790	0.4607
phishing	0.9347	0.0653	0.9318	0.8635	0.3333
phone-acc0.1%	0.4954	0.1442	0.5698	0.4117	0.3244
phone-gyr0.1%	0.6454	0.1013	0.6397	0.5833	0.2350
phoneme	0.8389	0.1611	0.7970	0.5928	0.6296
pima	0.7632	0.2368	0.7522	0.5043	0.7386
pirvision	0.9784	0.0144	0.9667	0.9346	0.1445
placement	0.7850	0.2150	0.7806	0.5609	0.6965
plant-growth	0.6842	0.3158	0.6910	0.3736	0.8166
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4673	0.1065	0.1209	0.0537	0.3345
poker10%	0.4499	0.1375	0.1439	0.0414	0.4397
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9612	0.0388	0.7652	0.4562	0.2977
polish-5th	0.9509	0.0491	0.7739	0.4534	0.2376
polya	0.7459	0.2541	0.7216	0.4431	0.7738
popularity	0.6600	0.2266	0.4076	0.1397	0.4073
post-operative	0.3333	0.4444	0.1667	-0.5000	0.5000
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7215	0.4412	0.7888
prestige	0.7778	0.1481	0.7222	0.6538	0.2586
primary-tumor	0.1515	0.0771	0.0848	0.1158	0.2607
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7015	0.2985	0.6213	0.1918	0.7593
promoters	0.8000	0.2000	0.8333	0.6154	0.4644
prostate	0.7857	0.2143	0.8028	0.5333	0.4205
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.7737	0.0905	0.6245	0.6878	0.2638
pufs-641%	0.5092	0.4908	0.5092	0.0183	0.9932
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
re0-wc	0.4600	0.0831	0.2747	0.3370	0.4437
re1-wc	0.2651	0.0588	0.1825	0.2291	0.2824
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9830	0.0170	0.9829	0.9655	0.1023
rnaseq	0.9750	0.0100	0.9707	0.9671	0.0547
rocket	0.6444	0.3556	0.6148	0.2024	0.8408
satimage	0.6952	0.1016	0.6450	0.6303	0.3225
satimageF	0.9689	0.0311	0.9154	0.8218	0.1892

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimageT	0.9082	0.0918	0.7698	0.5363	0.6144
scadi	0.5714	0.1224	0.3265	0.4167	0.2095
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5588	0.4412	0.5598	0.1176	0.9547
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8182	0.0519	0.8541	0.7885	0.0829
segmentation	0.8069	0.1931	0.7949	0.5881	0.6654
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9380	0.0620	0.6579	0.1839	0.3687
semeion	0.9686	0.0314	0.9109	0.8213	0.3239
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sens-4-gram	0.8605	0.1395	0.5972	0.1524	0.6584
sens-5-gram	0.8763	0.1237	0.6474	0.1911	0.5052
sens-6-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-7-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-8-gram	0.8605	0.1395	0.5188	0.0127	0.5424
sens-9-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8978	0.1022	0.7842	0.5565	0.5433
shuttle	0.9962	0.0011	0.5021	0.9893	0.0201
sick	0.9788	0.0212	0.9084	0.7987	0.0728
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9846	0.0154	0.9765	0.9528	0.1203
skin10%	0.9975	0.0025	0.9963	0.9926	0.0434
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2000	0.4000	0.1627	-0.0787	0.7454
smk_can_187	0.4737	0.5263	0.4820	-0.0326	0.9785
smoking	0.7477	0.2523	0.7372	0.4719	0.7566
soil_pollution	0.1900	0.3240	0.1600	-0.0127	0.5701
solar-flare	0.6475	0.1175	0.4236	0.5477	0.1587
sonar	0.7500	0.2500	0.7622	0.5000	0.6793
soybean	0.6912	0.0325	0.6517	0.6626	0.1003
spam-detection	0.9570	0.0430	0.8838	0.7634	0.4617
spambase	0.9043	0.0957	0.9011	0.7941	0.3685
spect	0.7037	0.2963	0.6196	0.2340	0.8108
spectf	0.8000	0.2000	0.7628	0.5243	0.7024
spectrometer	0.1509	0.0354	0.0525	0.1209	0.2208
splice-EI	0.9369	0.0631	0.9200	0.8382	0.3796
splice-IE	0.8139	0.1861	0.8228	0.5918	0.5348
sport-articles	0.7700	0.2300	0.7654	0.5252	0.7124
squash-stored	0.6000	0.2667	0.5714	0.3750	0.2113
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	0.9785	0.0215	0.9773	0.9537	0.1496
steel_industry	0.8730	0.0847	0.8399	0.7929	0.2647
steel-b	0.7692	0.2308	0.6432	0.2859	0.7933
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9744	0.0256	0.9601	0.9191	0.1618
steel-o	0.7128	0.2872	0.6723	0.2375	0.6082
steel-p	0.9282	0.0718	0.7617	0.5234	0.5906
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9744	0.0256	0.9334	0.8638	0.3518
stellar	0.9619	0.0254	0.9552	0.9314	0.1051
stock	0.9236	0.0764	0.8636	0.7209	0.4165

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9920	0.0080	0.9920	0.9838	0.0512
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.3500	0.2600	0.2605	0.1251	0.4397
student-habits	0.4100	0.2360	0.2546	0.0871	0.4904
student-weekend	0.2615	0.2954	0.2660	0.0807	0.6629
student-workday	0.6094	0.1562	0.2274	0.1956	0.4695
studentap	0.5385	0.3077	0.5166	0.2778	0.5827
susy1%	0.7844	0.2156	0.7843	0.5592	0.6669
tae	0.4667	0.3556	0.4135	0.2000	0.4865
telco-churn	0.8679	0.1321	0.8251	0.6476	0.5615
texture	0.6436	0.0648	0.6788	0.6073	0.2200
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.8526	0.1474	0.8315	0.6597	0.5655
tis10%	0.9030	0.0970	0.8637	0.7186	0.4284
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.3750	0.2083	0.2500	0.2308	0.2682
tox_171	0.6471	0.1765	0.6686	0.5211	0.2967
toxicity	0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f	0.6471	0.3529	0.6451	0.2817	0.8486
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.6180	0.2323	0.8264
trec11-wc	0.6585	0.0759	0.5149	0.5952	0.1978
trec12-wc	0.6129	0.0968	0.5558	0.5367	0.2306
trec21-wc	0.6970	0.1212	0.4985	0.4962	0.3036
trec23-wc	0.9048	0.0317	0.6420	0.8636	0.0557
trec31-wc	0.8065	0.0645	0.8226	0.7560	0.2360
trec41-wc	0.6364	0.0727	0.4277	0.5797	0.1535
trec45-wc	0.6667	0.0667	0.5044	0.6202	0.1936
tuandromd	0.9664	0.0336	0.9498	0.8985	0.2828
turkish	0.6250	0.1875	0.6507	0.5000	0.3320
tvnews1%	0.8308	0.1692	0.8201	0.6398	0.6190
tvnews10%	0.8535	0.1465	0.8410	0.6814	0.5652
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.6269	0.0829	0.5494	0.5552	0.2743
urinalysis	0.9510	0.0490	0.7039	0.3436	0.4349
vehicle	0.7381	0.1310	0.6764	0.6350	0.3398
vehicleVAN	0.9167	0.0833	0.8956	0.7879	0.4488
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.8837	0.1163	0.8839	0.7671	0.4730
vowel	0.4343	0.1028	0.4508	0.3778	0.2686
vowelZ	0.9697	0.0303	0.9024	0.7843	0.0972
wap-wc	0.2308	0.0769	0.2412	0.1898	0.3240
warpar10p	0.4615	0.1077	0.4545	0.4091	0.1997
warppie10p	0.8095	0.0381	0.8396	0.7879	0.0867
watch-acc1%	0.6188	0.1089	0.6635	0.5553	0.3235
watch-gyr1%	0.6067	0.1124	0.6714	0.5419	0.2973
water_pollution	0.2100	0.3950	0.1990	-0.0543	0.6203
waveform	0.6980	0.2013	0.7191	0.5461	0.4824
weather-related	0.4769	0.0951	0.4004	0.4183	0.2582
web-phishing	0.8148	0.1235	0.6673	0.6758	0.4738
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9800	0.0100	0.9800	0.9733	0.0474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9896	0.0104	0.9492	0.8965	0.2988
wine	0.8235	0.1176	0.8502	0.7213	0.3259
winequality-red	0.4151	0.1950	0.2210	0.1056	0.4851
winequality-white	0.3108	0.1969	0.1820	0.0447	0.5236
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.1250	0.1167	0.1143	0.0588	0.2189
yeast	0.5135	0.0973	0.3958	0.3528	0.3367
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9527	0.0473	0.6808	0.3410	0.5673
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9324	0.0676	0.5679	0.1325	0.6459
zip	0.4312	0.1138	0.4002	0.3655	0.3847

Table 384: Detailed results for ODRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0000	0.0952	0.0000	-0.0200	0.4897
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9847	0.0153	0.7158	0.3577	0.3359
accident	0.5000	0.5000	0.5000	0.0000	0.9713
ads	0.9817	0.0183	0.9615	0.9227	0.1725
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6325	0.1393	0.5162
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
aids	0.9202	0.0798	0.8881	0.7671	0.3520
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8571	0.0571	0.5736	0.6726	0.1874
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9116	0.0884	0.9028	0.8001	0.3673
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9819	0.0090	0.9467	0.9654	0.0479
anuran-genus	0.9791	0.0052	0.9443	0.9656	0.0929
anuran-species	0.0931	0.1814	0.1001	0.0058	0.1752
anxiety	0.1000	0.2000	0.0459	-0.0244	0.5572
apple-quality	0.8925	0.1075	0.8939	0.7850	0.4388
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.9853	0.0147	0.9664	0.9305	0.0577
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.9000	0.0400	0.9024	0.8693	0.1061
avila	0.4111	0.0981	0.0857	0.2625	0.1154
babies	0.5000	0.1429	0.2216	0.2122	0.3733
balance	0.9516	0.0323	0.8450	0.9101	0.0688
bank	0.9131	0.0869	0.7592	0.5099	0.5665
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9171	0.0829	0.9100	0.8147	0.3461
basehock	0.9899	0.0100	0.9899	0.9799	0.0768
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8952	0.1048	0.8885	0.7768	0.4558
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9856	0.0041	0.1418	-0.0004	0.1106
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.7366	0.1317	0.7396	0.6488	0.3991
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5135	0.4865	0.5142	0.0258	0.9604
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4510	0.3660	0.3004	-0.0389	0.5757
car	0.9943	0.0029	0.9831	0.9877	0.0741
car-insurance	0.8390	0.1610	0.8095	0.6180	0.6163
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.0376	0.1925	0.1146	-0.0764	0.3276
cardiotocography-nsp	0.9484	0.0344	0.9090	0.8568	0.2296
cardiovascular	0.7368	0.2632	0.7383	0.4735	0.7615
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.7971	0.6983	0.3582
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.7585	0.2415	0.7586	0.5162	0.7348
cas_N6512_RDkit_AtomPair_FP	0.7684	0.2316	0.7678	0.5353	0.7205
cas_N6512_rdkit_AVALON	0.8187	0.1813	0.8195	0.6373	0.6237
cas_N6512_RDkit_Avalon_FP	0.8282	0.1718	0.8286	0.6560	0.6058
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.7699	0.2301	0.7688	0.5376	0.7188
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.8065	0.1935	0.8053	0.6105	0.6534

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.0183	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8187	0.1813	0.8007	0.6013	0.6491
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9542	0.0458	0.6875	0.1093	0.1272
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.9384	0.0308	0.9194	0.9080	0.1443
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9277	0.0723	0.6909	0.1332	0.1784
churn	0.8600	0.1400	0.7626	0.5079	0.5934
churn-bigml	0.9513	0.0487	0.8968	0.7842	0.2759
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.1100	0.0178	0.1100	0.1010	0.1167
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8472	0.0764	0.7445	0.7609	0.3022
climate	0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5238	0.3175	0.4991	0.2582	0.7114
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2218	0.1415	0.1305	0.1427	0.1833
coil20	0.0486	0.0951	0.0500	-0.0014	0.1920
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2	0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3	0.7586	0.2414	0.7547	0.4700	0.6390
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9677	0.0323	0.9634	0.9242	0.1262
column-3c	0.7742	0.1505	0.7007	0.6353	0.2946
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
cottonmeloidogyne	0.7837	0.2163	0.7858	0.5677	0.6825
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9382	0.0206	0.8555	0.8706	0.1342

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.0312	0.0484	0.0019	0.0010	0.3299
customer-churn	0.9838	0.0162	0.7600	0.4954	0.4075
cybersecurity	0.1667	0.2778	0.1260	-0.0119	0.5434
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1010	0.1798	0.0183	0.0000	0.4071
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8260	0.1740	0.7134	0.3930	0.6392
defect	0.9228	0.0772	0.8458	0.6513	0.2714
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9064	0.0936	0.7413	0.4662	0.5686
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.8750	0.0833	0.6377	0.7333	0.1179
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7937	0.2063	0.6249	0.0087	0.3685
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.8066	0.0773	0.8043	0.7265	0.2954
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7607	0.1595	0.6694	0.5977	0.4744
drug-01	0.4149	0.1672	0.1885	0.0397	0.3504
drug-02	0.5266	0.1353	0.1861	0.1563	0.4431
drug-03	0.6915	0.0881	0.1740	0.0642	0.2646
drug-04	0.5319	0.1337	0.1604	0.0612	0.4047
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2590	0.2861	0.4502
drug-07	0.4894	0.1459	0.1522	0.1215	0.3086
drug-08	0.5798	0.1201	0.2260	0.1721	0.3600
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5479	0.1292	0.1602	0.1808	0.4109
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6436	0.1018	0.1888	0.3320	0.3103
drug-14	0.6064	0.1125	0.2770	0.3237	0.4314
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5904	0.1170	0.2600	0.3429	0.4489
drug-17	0.3989	0.1717	0.1459	0.1475	0.4172
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7766	0.0638	0.1885	0.0381	0.1584

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drybean	0.9258	0.0212	0.9401	0.9103	0.1246
ecoli	0.8824	0.0294	0.5599	0.8359	0.1124
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3400	0.3300	0.3480	0.1180	0.7640
eeg	0.0190	0.1226	0.0419	-0.0359	0.5967
eeg-eye	0.9499	0.0501	0.9496	0.8984	0.2560
eeg10%	0.0406	0.1199	0.0563	-0.0152	0.6209
eucalyptus	0.6986	0.1205	0.6672	0.6096	0.3141
euthyroid	0.9684	0.0316	0.9082	0.8159	0.3294
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9696	0.0304	0.9697	0.9389	0.1749
fakenews	0.5125	0.4875	0.5116	0.0223	0.9810
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0163	0.1157	0.0019	0.0000	0.3803
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.8800	0.0400	0.6977	0.8108	0.2148
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
forest	0.9423	0.0288	0.9319	0.9203	0.0754
gas	0.9964	0.0012	0.9962	0.9956	0.0101
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6021	0.2653	0.4511	0.1352	0.5283
gene	0.9464	0.0358	0.9389	0.9143	0.1645
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.9264	0.0368	0.9268	0.9018	0.1633
gina	0.9481	0.0519	0.9481	0.8962	0.2734
glass	0.7143	0.0952	0.5414	0.5828	0.2429
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8571	0.1429	0.8547	0.7085	0.5490
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.5353	0.2683	0.5370
gsalc	0.1111	0.2963	0.0333	0.0000	0.0000
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.9908	0.0037	0.9899	0.9884	0.0255
har701%	0.9257	0.0212	0.5436	0.8893	0.0977
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0642	0.1560	0.1178	0.0507	0.1688
harth10%	0.0106	0.1649	0.0927	0.0038	0.3243
hayes-roth	0.6875	0.2083	0.7384	0.5062	0.2896
hcc-survival	0.6471	0.3529	0.6550	0.3014	0.8522
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8465	0.6842	0.5251

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.9760	0.0240	0.9722	0.9433	0.1217
heart-quantum	0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8410	0.1590	0.8414	0.6819	0.5777
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6955	0.3045	0.6984	0.3934	0.8170
higgs1%	0.5772	0.4228	0.6266	0.1046	0.5864
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2857	0.1786	0.1954	0.1195	0.3650
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9056	0.0944	0.8174	0.6177	0.4661
hiva	0.9622	0.0378	0.4904	-0.0045	0.3546
horse	0.6389	0.2407	0.5568	0.3097	0.4837
hotel-reservartions	0.9024	0.0976	0.8875	0.7724	0.4280
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.6705	0.2197	0.7189	0.4962	0.3331
htru2	0.9782	0.0218	0.9324	0.8635	0.2376
hypothyroid	0.9894	0.0053	0.7200	0.9350	0.0596
hypothyroidT	0.9973	0.0027	0.9906	0.9810	0.0136
ilpd	0.7797	0.2203	0.7265	0.3046	0.3886
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9747	0.0127	0.9750	0.9662	0.0550
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0436	0.0736	0.0412	0.0054	0.2262
jm1	0.8237	0.1763	0.6536	0.1993	0.5462
jvowels	0.9859	0.0031	0.9850	0.9841	0.0252
kc1	0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6923	0.1231	0.2976	0.2353	0.3303
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6307	0.2589	0.7987
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.8954	0.0697	0.8585	0.8273	0.1996
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0977	0.1003	0.0513	0.0711	0.2940
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.0294	0.0485	0.0167	-0.0117	0.2180
led24	0.1000	0.1800	0.1364	-0.0056	0.3846
lenses	0.6667	0.2222	0.5714	0.5000	0.1761

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
letter	0.0370	0.0741	0.0390	-0.0016	0.2242
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.0833	0.1222	0.0667	0.0174	0.2023
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7941	0.2059	0.7856	0.5609	0.6703
loan	0.9883	0.0117	0.9875	0.9750	0.0877
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.0189	0.1962	0.0667	-0.0928	0.2023
lung	0.8571	0.0571	0.6724	0.6769	0.1268
lung_discrete	0.6250	0.1071	0.4286	0.5102	0.1943
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.6538	0.3462	0.6565	0.3077	0.8619
magic04	0.8906	0.1094	0.8785	0.7514	0.4409
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8125	0.1875	0.8125	0.6245	0.6395
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.8020	0.1320	0.8054	0.6983	0.4096
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8210	0.1194	0.3913	0.1450	0.3893
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.7043	0.2957	0.7045	0.4067	0.8092
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.1050	0.1790	0.1049	0.0056	0.2413
mfeat-fou	0.1100	0.1780	0.1100	0.0111	0.3480
mfeat-kar	0.1000	0.1800	0.1000	0.0000	0.2296
mfeat-mor	0.1250	0.1750	0.1230	0.0278	0.3811
mfeat-pix	0.1000	0.1800	0.0952	0.0000	0.2459
mfeat-zer	0.1000	0.1800	0.1000	0.0000	0.3045
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5295	0.4481	0.3973
mobile	0.0210	0.0350	0.0179	0.0031	0.1877
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9672	0.0328	0.9641	0.9257	0.1307
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0911	0.1653	0.0918	0.0300	0.5582
musk	0.9591	0.0409	0.9190	0.8245	0.1276
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.7974	0.2026	0.7904	0.5801	0.6740

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_STANDARD	0.8467	0.1533	0.8420	0.6839	0.5740
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9741	0.0259	0.9741	0.9482	0.1616
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7755	0.0236	0.0675	0.3566	0.2259
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6662	0.3338	0.6665	0.3324	0.8598
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9652	0.0348	0.9570	0.9138	0.2154
NPHA-doctor-visits	0.5139	0.3241	0.3224	0.0051	0.5194
nursery	0.9992	0.0004	0.9959	0.9989	0.0016
obesity	0.9668	0.0095	0.9663	0.9612	0.0509
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9937	0.0063	0.9912	0.9823	0.0783
Occupancy_Estimation	0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc	0.0594	0.1881	0.0867	-0.0686	0.3681
oh10-wc	0.1619	0.1676	0.1428	0.0717	0.4275
oh15-wc	0.1087	0.1783	0.1287	0.0131	0.4298
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.9298	0.0156	0.9293	0.9129	0.0693
opn310k10%	0.9133	0.0867	0.6298	0.1559	0.4648
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0250	0.0000	0.1577
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr	0.9289	0.0711	0.6573	0.2258	0.4618
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9835	0.0066	0.8840	0.9048	0.1113
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.9005	0.0995	0.8941	0.7881	0.4425
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.9269	0.0731	0.9121	0.8231	0.3991
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9100	0.8148	0.3131
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.1028	0.1794	0.1009	0.0031	0.2287
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pet-adoption	0.9350	0.0650	0.9259	0.8489	0.3030
phishing	0.9673	0.0327	0.9657	0.9312	0.1929
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.8882	0.0319	0.8803	0.8693	0.1114
phone-acc1%	0.7517	0.0710	0.8028	0.7091	0.1506
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.9218	0.0224	0.9149	0.9085	0.1009
phone-gyr1%	0.6162	0.1097	0.6975	0.5508	0.1947
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.9167	0.0833	0.8959	0.7911	0.4126
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7368	0.2632	0.7176	0.4154	0.7389
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7920	0.2080	0.7845	0.5654	0.6750
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5415	0.1310	0.1573	0.1222	0.3073
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9659	0.0341	0.7099	0.1938	0.1019
polish-2nd	0.9636	0.0364	0.6947	0.1348	0.1069
polish-3rd	0.9552	0.0448	0.6873	0.1084	0.1250
polish-4th	0.9602	0.0398	0.7572	0.4346	0.3018
polish-5th	0.9543	0.0457	0.7948	0.5622	0.3962
polya	0.8032	0.1968	0.7838	0.5672	0.6767
popularity	0.6797	0.2135	0.4317	0.2663	0.4586
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2106	0.3157	0.2259	0.0016	0.4152
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.1212	0.1352	0.0700	0.0590	0.3263
profb	0.7612	0.2388	0.7185	0.4322	0.7544
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.5709	0.1716	0.3211	0.3941	0.2434
puc-rio10%	0.9903	0.0039	0.9852	0.9870	0.0293
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4958	0.5042	0.4957	-0.0082	0.9864
pufs-641%	0.4996	0.5004	0.4994	-0.0011	0.9813
pulsar	0.9824	0.0176	0.9459	0.8895	0.1608
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.0133	0.1518	0.0020	0.0000	0.3290
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9879	0.0121	0.9878	0.9756	0.0866
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6705	0.3295	0.6697	0.3359	0.8454
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.9082	0.0306	0.8947	0.8866	0.1470
satimageF	0.9860	0.0140	0.9637	0.9274	0.1815
satimageT	0.9456	0.0544	0.8328	0.6447	0.3646
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.6786	0.3571	0.7720

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
schizo	0.5882	0.4118	0.6005	0.1765	0.8657
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.5865	0.1280	0.5676
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9784	0.0062	0.9817	0.9747	0.0263
segmentation	0.8713	0.1287	0.8589	0.7177	0.5271
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0915	0.1652	0.0915	0.0006	0.2277
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9067	0.0933	0.8036	0.5942	0.5021
shuttle	0.9997	0.0001	0.8425	0.9990	0.0006
sick	0.9708	0.0292	0.8705	0.7038	0.0927
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.8683	0.1317	0.7871	0.4777	0.2842
skin10%	0.9992	0.0008	0.9988	0.9975	0.0129
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.8355	0.1645	0.8212	0.6416	0.6065
soil_pollution	0.2000	0.3200	0.2009	-0.0040	0.8261
solar-flare	0.7770	0.0743	0.6340	0.7130	0.1814
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9545	0.0455	0.8683	0.7360	0.4626
spambase	0.9565	0.0435	0.9545	0.9086	0.2367
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.0962	0.0670	0.0427	0.0629	0.1890
splice-EI	0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE	0.9369	0.0631	0.9135	0.8269	0.3814
sport-articles	0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.9121	0.0586	0.8895	0.8567	0.2141
steel-b	0.8718	0.1282	0.7888	0.5541	0.5279
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8000	0.2000	0.7725	0.5359	0.6635
steel-p	0.9487	0.0513	0.8059	0.5895	0.4057
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stellar	0.5960	0.2693	0.4839	0.0052	0.3391
stock	0.8958	0.1042	0.8092	0.6067	0.5125
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.9880	0.0120	0.9879	0.9758	0.0900
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.6150	0.1540	0.3428	0.3786	0.4457
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3900	0.2440	0.1796	0.0324	0.4700

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-weekend	0.3846	0.2462	0.2374	0.1467	0.6102
student-workday	0.7656	0.0938	0.2972	0.3514	0.2752
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.8022	0.1978	0.8019	0.5964	0.6379
susy10%	0.6082	0.3918	0.6559	0.1559	0.5541
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.9006	0.0994	0.8706	0.7407	0.4771
texture	0.0927	0.1650	0.0909	0.0027	0.2131
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f	0.7059	0.2941	0.6898	0.2056	0.4505
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.6452	0.0887	0.6998	0.5513	0.2179
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.8250	0.0875	0.8351	0.7667	0.2158
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9714	0.0286	0.7162	0.2165	0.0888
ur3_cobotops_stop	0.9633	0.0367	0.6425	0.2154	0.4532
urban	0.8955	0.0232	0.8945	0.8780	0.0909
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.8214	0.0893	0.7894	0.7587	0.2076
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.0909	0.1653	0.0940	0.0000	0.3624
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
warpar10p	0.1538	0.1692	0.0800	0.0530	0.2361
warppie10p	0.0952	0.1810	0.1000	-0.0050	0.2152
watch-acc1%	0.9749	0.0072	0.9742	0.9706	0.0456
watch-gyr1%	0.9566	0.0124	0.9553	0.9494	0.0586
water_pollution	0.2233	0.3883	0.2151	-0.0390	0.8605
waveform	0.8500	0.1000	0.8501	0.7750	0.3522
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8667	0.0889	0.8049	0.7649	0.3951
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0346
wilt	0.9959	0.0041	0.9793	0.9578	0.1858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6415	0.1195	0.3051	0.4097	0.3395
winequality-white	0.6237	0.1075	0.3394	0.4051	0.3862
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.1250	0.1167	0.0667	0.0628	0.2413
yeast	0.2095	0.1581	0.0803	0.0433	0.4458
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.0925	0.1815	0.1021	-0.0100	0.2880

Table 385: Detailed results for ODT

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1639	0.0796	0.1285	0.0901	0.6040
abalone19	0.0622	0.9378	0.5155	0.0008	0.0216
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.1188	0.8812	0.4895	-0.0014	0.0716
accident	0.4000	0.6000	0.2857	-0.2000	0.9613
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8018	0.1982	0.6960	0.2429	0.4469
advanced-iot	0.8330	0.0557	0.7891	0.7996	0.0540
AID_1431	0.9206	0.0794	0.6757	0.2580	0.4506
AID_1431_KlekotaRothFingerprinter	0.8254	0.1746	0.4522	-0.0957	0.7098
AID_1431_MACCSFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878	0.8190	0.1810	0.5830	0.0629	0.5322
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8485	0.1010	0.3077	0.0100	0.3909
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.1068	0.8932	0.4511	-0.0130	0.2340
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0327	0.9673	0.4412	-0.0042	0.0572
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.4500	0.5500	0.4670	-0.0577	0.8950
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.9903	0.0097	0.6094	0.0578	0.1234
AID687red	0.1790	0.8210	0.4366	-0.0016	0.0187
AID688red	0.9897	0.0103	0.4974	-0.0020	0.3811
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0470	0.9530	0.5115	0.0001	0.0030
aids	0.7512	0.2488	0.5235	0.0100	0.5674
air_pollution	0.1800	0.2343	0.0967	-0.0580	0.8406
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5832	0.4168	0.6098	0.0472	0.5490
alcohol	0.7238	0.1105	0.3020	0.1974	0.2096
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6372	0.3628	0.3892	-0.0185	0.6130
anneal	0.9551	0.0180	0.8783	0.9081	0.1998
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.6940	0.1530	0.7176	0.4715	0.1483
anuran-genus	0.9068	0.0233	0.7163	0.8449	0.2230
anuran-species	0.9111	0.0178	0.6794	0.8767	0.1531
anxiety	0.0583	0.2093	0.0601	-0.0619	0.7444
apple-quality	0.6775	0.3225	0.7251	0.3550	0.5819
aps-failure	0.9826	0.0174	0.6495	0.1394	0.2402
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6000	0.4000	0.6021	0.2000	0.9053
arrhythmia	0.6000	0.0800	0.1803	0.2663	0.2252
auction	0.9510	0.0490	0.8828	0.7363	0.1419
audiology	0.5000	0.0909	0.1903	0.3980	0.1695

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.6000	0.1600	0.3972	0.4464	0.2370
avila	0.6502	0.0583	0.4879	0.5411	0.3448
babies	0.3790	0.1774	0.1441	0.0490	0.4649
balance	0.7258	0.1828	0.7102	0.5701	0.2756
bank	0.8949	0.1051	0.6660	0.2741	0.5602
banknote	0.5620	0.4380	0.6152	0.0182	0.5154
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6359	0.3641	0.5255	0.0128	0.6501
basehock	0.5075	0.4925	0.6044	0.0102	0.5276
bio	0.9913	0.0087	0.6396	0.0980	0.1792
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.6476	0.3524	0.6489	0.0912	0.4817
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.4434	0.1590	0.1687	0.0077	0.4274
bitcoin10%	0.1742	0.1502	0.0454	0.0007	0.3560
body-perf	0.4090	0.2955	0.4526	0.2119	0.5195
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5070	0.4930	0.5107	0.0116	0.8186
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.6655	0.6700	0.1505
bridges	0.5000	0.1667	0.3487	0.3243	0.3181
bub10at310k-hg16-17	0.8981	0.1019	0.5960	0.1631	0.6448
bub12at310k-hg16-17	0.8973	0.1027	0.5729	0.1125	0.6348
bub8at310k-hg16-17	0.8990	0.1010	0.6000	0.1699	0.6408
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.3750	0.6250	0.2727	0.0000	0.5170
cancer	0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae	0.4870	0.3420	0.2969	-0.0081	0.4218
car	0.8563	0.0718	0.8374	0.6499	0.2387
car-insurance	0.6970	0.3030	0.5967	0.0611	0.5704
card	0.6232	0.3768	0.6752	0.2937	0.7356
cardiotocography	0.6291	0.0742	0.6110	0.5622	0.3607
cardiotocography-nsp	0.2160	0.5227	0.5486	0.0453	0.2564
cardiovascular	0.5137	0.4863	0.5674	0.0266	0.6014
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.4696	0.4118	0.4091
cas_N6512_cdk_ECFP2	0.5668	0.4332	0.6097	0.1705	0.7982
cas_N6512_rdkit_ATOMPAIR	0.5108	0.4892	0.5427	0.0643	0.8666
cas_N6512_RDkit_AtomPair_FP	0.5399	0.4601	0.5740	0.1169	0.8497
cas_N6512_rdkit_AVALON	0.5837	0.4163	0.6341	0.2041	0.7527
cas_N6512_RDkit_Avalon_FP	0.6089	0.3911	0.6567	0.2492	0.7380
cas_N6512_rdkit_descriptors	0.5231	0.4769	0.5992	0.1017	0.6768
cas_N6512_rdkit_FEATMORGAN	0.4900	0.5100	0.5354	0.0385	0.7829
cas_N6512_RDkit_Featmorgan_FP	0.5230	0.4770	0.5669	0.0921	0.8098
cas_N6512_RDkit_FP	0.4785	0.5215	0.5199	0.0187	0.7700
cas_N6512_rdkit_LAYERED	0.4785	0.5215	0.5158	0.0165	0.7969
cas_N6512_RDkit_Layered_FP	0.4739	0.5261	0.5057	0.0063	0.8209
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.5937	0.1233	0.7580
cas_N6512_RDkit_pattern_FP	0.4908	0.5092	0.5257	0.0332	0.8398
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.5826	0.1178	0.8012

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_TORSION	0.5692	0.4308	0.6220	0.1780	0.7533
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.9258	0.0742	0.5152	0.0304	0.6141
cdc_diabetes	0.8405	0.1064	0.3793	0.0510	0.2787
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3886	0.6114	0.5405	0.0261	0.6342
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7854	0.5278	0.3340
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.5932	0.0936	0.4166
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9395	0.0605	0.6272	0.1819	0.4916
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.3234	0.3383	0.2157	0.0470	0.3809
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.6116	0.1148	0.4393
churn	0.3470	0.6530	0.5514	0.0471	0.5499
churn-bigml	0.9176	0.0824	0.8171	0.6120	0.4303
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.9870	0.0003	0.9889	0.9869	0.0038
cirrhosis	0.7143	0.1905	0.5118	0.4772	0.2946
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.3250	0.3375	0.3900	0.0428	0.4961
climate	0.0741	0.9259	0.0690	0.0000	0.1846
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4626	0.3583	0.3866	0.2106	0.5947
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.5656	0.0790	0.4509	0.4938	0.3616
coil20	0.7431	0.0257	0.7715	0.7296	0.1217
college	0.7273	0.2727	0.4211	0.0000	0.4205
collins	0.9800	0.0027	0.9249	0.9780	0.0067
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.6207	0.3793	0.4955	-0.0063	0.8798
colposcopies-2	0.5862	0.4138	0.3696	-0.0675	0.7923
colposcopies-3	0.6552	0.3448	0.6799	0.1899	0.4858
colposcopies-4	0.7241	0.2759	0.5767	0.1008	0.7373
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.6207	0.3793	0.6860	0.2200	0.5093
colposcopies-c	0.7241	0.2759	0.5383	0.0645	0.8394
column-2c	0.6774	0.3226	0.5584	0.0663	0.7441
column-3c	0.5161	0.3226	0.3594	0.1405	0.5342
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
cottonmeloidogyne	0.5264	0.4736	0.5678	0.0606	0.7028
coupon	0.6538	0.3462	0.6470	0.2409	0.7627
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.5401	0.1314	0.3887	0.2949	0.4919
covtypeCD	0.1933	0.8067	0.5490	0.0180	0.3201
covtypeT	0.9623	0.0377	0.8356	0.6309	0.2366
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.6599	0.1134	0.4397	0.4273	0.3562
cryotherapy	0.4444	0.5556	0.3077	0.0000	0.5302
cultivars	0.0000	0.0500	0.0000	-0.0291	0.2484

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
customer-churn	0.9802	0.0198	0.6565	0.1055	0.1698
cybersecurity	0.1533	0.2822	0.1434	-0.0141	0.7985
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.7593	0.2407	0.7539	0.4876	0.6885
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1002	0.1800	0.1034	-0.0003	0.8576
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7843	0.2157	0.6035	0.0696	0.5134
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.9900	0.0100	0.9901	0.9800	0.0680
deposit	0.8861	0.1139	0.6297	0.1665	0.5203
depressed	0.8112	0.1888	0.4479	-0.0387	0.6702
dermatology	0.8108	0.0631	0.7275	0.7628	0.0831
desharnais	0.6250	0.2500	0.4099	0.2000	0.4997
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5000	0.3333	0.3775	0.2000	0.5347
DIA	0.6500	0.3500	0.5228	0.0455	0.8982
diabetes	0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k	0.9276	0.0724	0.7115	0.2621	0.2718
diabetes-risk	0.3371	0.6629	0.5898	0.0696	0.4616
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5588	0.2941	0.4930	0.2068	0.6627
diagnosis	0.8333	0.1667	0.8421	0.6364	0.3750
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.5736	0.1706	0.5000	0.4051	0.4510
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.4951	0.5049	0.5253	0.0298	0.8178
drebin	0.4757	0.5243	0.6365	0.1289	0.5431
dropout	0.4695	0.3536	0.4451	0.1303	0.5706
drug-01	0.2447	0.2158	0.1112	-0.0394	0.7035
drug-02	0.3830	0.1763	0.1274	0.0491	0.6626
drug-03	0.6170	0.1094	0.1449	0.0599	0.5103
drug-04	0.3511	0.1854	0.1491	0.0024	0.7801
drug-05	0.6755	0.0927	0.1482	0.0172	0.4157
drug-06	0.2553	0.2128	0.1837	0.1094	0.7181
drug-07	0.3777	0.1778	0.1437	0.0241	0.4080
drug-08	0.4149	0.1672	0.1846	0.1529	0.4609
drug-09	0.7819	0.0623	0.1433	0.0682	0.4545
drug-10	0.3936	0.1733	0.1800	0.0875	0.5821
drug-11	0.7500	0.0714	0.1243	0.0086	0.5212
drug-12	0.7128	0.0821	0.1556	0.0664	0.5070
drug-13	0.5053	0.1413	0.1938	0.2369	0.5476
drug-14	0.4787	0.1489	0.1822	0.1389	0.5019
drug-15	0.6223	0.1079	0.1701	0.1892	0.4071
drug-16	0.5053	0.1413	0.1866	0.2052	0.5277
drug-17	0.2766	0.2067	0.1729	0.0782	0.6591
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7074	0.0836	0.1318	0.0115	0.4086
drybean	0.3387	0.1889	0.4526	0.2343	0.2984
ecoli	0.5882	0.1029	0.2915	0.3936	0.2709

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU	0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM	0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce	0.1800	0.4100	0.1636	-0.0957	0.8869
eeg	0.2438	0.0945	0.2262	0.1756	0.7564
eeg-eye	0.6055	0.3945	0.6429	0.1346	0.5747
eeg10%	0.1861	0.1017	0.1825	0.1149	0.7582
eucalyptus	0.4110	0.2356	0.4200	0.2560	0.4383
euthyroid	0.0949	0.9051	0.0867	-0.0063	0.2590
exon.vs.intron-freq	0.5977	0.4023	0.6562	0.1571	0.5540
exon.vs.intron-freq10%	0.5338	0.4662	0.5608	0.0163	0.5832
fakenews	0.5075	0.4925	0.5060	0.0078	0.8685
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.3089	0.0813	0.2508	0.2432	0.5733
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.4525	0.1825	0.4271	0.2406	0.3524
fishcatch	0.5000	0.1667	0.3942	0.4128	0.1153
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
forest	0.3654	0.3173	0.2551	0.1254	0.3439
gas	0.6916	0.1028	0.7583	0.6335	0.1801
gastrointestinal	0.8125	0.1250	0.7812	0.6757	0.2537
gender	0.5726	0.2849	0.3267	0.0127	0.4883
gene	0.4574	0.3617	0.6058	0.2812	0.3390
german	0.7300	0.2700	0.6933	0.3005	0.6209
gestures	0.5728	0.2136	0.5835	0.4304	0.4915
gina	0.5159	0.4842	0.5560	0.0481	0.7115
glass	0.4286	0.1905	0.1983	0.2075	0.3212
glass-g2	0.5625	0.4375	0.6880	0.2432	0.5307
glassBWFP	0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP	0.4286	0.5714	0.5435	0.0526	0.7475
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.2857	0.7143	0.2222	-0.0976	0.2690
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6452	0.6875	0.1437
glioma-grade	0.5952	0.4048	0.6246	0.0332	0.5041
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.4667	0.2667	0.4376	0.2638	0.3590
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.7219	0.0464	0.4687	0.6714	0.1361
har	0.6284	0.1486	0.6207	0.5284	0.3402
har701%	0.5721	0.1222	0.3806	0.3569	0.4780
har7010%	0.5500	0.1286	0.3508	0.3146	0.4615
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.3184	0.1136	0.2535	0.1860	0.4282
harth10%	0.2453	0.1258	0.2754	0.1314	0.4057
hayes-roth	0.4375	0.3750	0.3207	0.0464	0.6089
hcc-survival	0.5294	0.4706	0.5919	0.1392	0.8021
health-activity	0.7600	0.1200	0.2159	-0.0101	0.3656
heart	0.5926	0.4074	0.3721	0.0000	0.5031
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure	0.7020	0.2980	0.6490	0.0686	0.4437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-quantum	0.8600	0.1400	0.8565	0.6957	0.4638
hepatitis	0.2000	0.8000	0.1667	0.0000	0.3900
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5731	0.4269	0.6181	0.1407	0.6899
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.2308	0.7692	0.1875	0.0000	0.4238
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.5164	0.4836	0.5560	0.0729	0.8074
higgs1%	0.5119	0.4881	0.5567	0.0675	0.7805
higgs10%	0.5327	0.4673	0.5805	0.1032	0.7701
higher	0.0714	0.2321	0.0833	-0.1519	0.4212
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8432	0.1568	0.6536	0.2300	0.5866
hiva	0.0426	0.9574	0.4034	-0.0087	0.1277
horse	0.5278	0.3148	0.3372	0.1053	0.5562
hotel-reservartions	0.7076	0.2924	0.6524	0.1505	0.5406
hr	0.8456	0.1544	0.4582	-0.0321	0.6348
ht-sensor	0.7297	0.1802	0.7559	0.5931	0.2959
ht-sensor10%	0.6463	0.2358	0.6840	0.4596	0.3352
htru2	0.9631	0.0369	0.8799	0.7331	0.1630
hypothyroid	0.9125	0.0438	0.2600	0.2238	0.0822
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy	0.6667	0.3333	0.5950	0.1818	0.8134
instagram	0.5060	0.2470	0.5550	0.3413	0.2190
ionosphere	0.3143	0.6857	0.2391	0.0000	0.4897
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.3466	0.0503	0.3560	0.3205	0.5100
jm1	0.8062	0.1938	0.5776	0.0497	0.5225
jvowels	0.7058	0.0654	0.6989	0.6664	0.2888
kc1	0.8578	0.1422	0.6671	0.1766	0.4196
kc1-class-level-defectiveornot	0.6667	0.3333	0.6637	0.3243	0.8514
kc1-class-level-numericdefect	0.2308	0.3077	0.0857	-0.1207	0.2380
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7308	0.2692	0.4222	-0.0997	0.8469
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.9864	0.0021	0.6147	0.9771	0.0138
kepler	0.6224	0.2517	0.6362	0.3796	0.5191
kidney	0.7147	0.1141	0.1937	-0.0065	0.6513
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.4627	0.0597	0.4254	0.4009	0.3851
krvskp	0.5266	0.4734	0.5459	0.0075	0.5709
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.0882	0.0456	0.0625	0.0639	0.2005
led24	0.4000	0.1200	0.2545	0.3220	0.2636
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.3940	0.0466	0.4006	0.3695	0.4621
leukemia2	0.7143	0.2857	0.7742	0.4615	0.5000
libra	0.4722	0.0704	0.4228	0.4309	0.1969
linkage1%	0.0040	0.9960	0.5010	0.0000	0.0105
liver	0.5294	0.4706	0.5780	0.1310	0.8267

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
loan	0.6253	0.3747	0.5540	0.0137	0.5642
localization	0.4487	0.1002	0.3037	0.3448	0.5747
localization10%	0.4053	0.1081	0.2328	0.2887	0.6441
lrs	0.3962	0.1208	0.2312	0.2658	0.2600
lung	0.5238	0.1905	0.3711	0.2784	0.4791
lung_discrete	0.2500	0.2143	0.1948	0.1724	0.3093
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.5556	0.4444	0.3571	0.0000	0.5164
lymphography	0.5714	0.2857	0.2424	0.0000	0.3175
lymphoma2	0.5556	0.1481	0.2500	0.4000	0.2017
machine-failure	0.4681	0.5319	0.5897	0.0708	0.6259
madelon	0.5769	0.4231	0.5962	0.1538	0.8304
magic04	0.7322	0.2678	0.7110	0.2937	0.5034
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.5521	0.4479	0.6205	0.1443	0.6836
marketing	0.1741	0.8259	0.4310	-0.0294	0.4442
maternal	0.5050	0.3300	0.5818	0.2576	0.5258
math	0.6250	0.1875	0.3887	0.4129	0.3725
mba	0.2661	0.4892	0.3127	-0.0216	0.2772
mental-disorders	0.7500	0.1250	0.7819	0.6667	0.2266
mental-health	0.1767	0.3293	0.1521	-0.0331	0.7927
messidor	0.4435	0.5565	0.5952	0.0134	0.5298
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.6474	0.6883	0.2415
meter-D	0.6111	0.1944	0.5367	0.5000	0.1857
mfeat-fac	0.5950	0.0810	0.6206	0.5500	0.2769
mfeat-fou	0.4150	0.1170	0.4130	0.3500	0.4233
mfeat-kar	0.4850	0.1030	0.4788	0.4278	0.4239
mfeat-mor	0.3550	0.1290	0.3403	0.2833	0.3106
mfeat-pix	0.5700	0.0860	0.5541	0.5222	0.3743
mfeat-zer	0.4750	0.1050	0.4445	0.4167	0.3852
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.1765	0.3294	0.0667	-0.0685	0.5281
mobile	0.0769	0.0330	0.0908	0.0602	0.4168
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.7049	0.2951	0.6817	0.1794	0.4490
monks-3	0.6786	0.3214	0.7308	0.3412	0.4922
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.1722	0.1505	0.2501	0.0859	0.6166
musk	0.9500	0.0500	0.8993	0.7911	0.2898
MUT_ci300400a_cdk_ECFP2	0.5072	0.4928	0.5777	0.1066	0.7839
MUT_ci300400a_cdk_ESTATE	0.5444	0.4556	0.6469	0.1825	0.6341
MUT_ci300400a_cdk_FCFP4	0.5899	0.4101	0.6537	0.2421	0.7342
MUT_ci300400a_cdk_FCFP6	0.5324	0.4676	0.6137	0.1537	0.7281
MUT_ci300400a_cdk_MACCS	0.6811	0.3189	0.7188	0.3923	0.7097
MUT_ci300400a_cdk_STANDARD	0.4719	0.5281	0.5504	0.0577	0.7648
MUT_ci300400a_rdkit_descriptors	0.4987	0.5013	0.5817	0.0951	0.7295
myocardial	0.8000	0.0500	0.2815	0.2926	0.5511
naticusdroid	0.7630	0.2370	0.7975	0.5266	0.4846
NCI60	0.3333	0.2222	0.1961	0.2000	0.2293
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7490	0.0264	0.1906	0.3992	0.9259

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ncRNA10%	0.7703	0.0242	0.2660	0.4491	0.8472
neo	0.9028	0.0972	0.6560	0.0020	0.2192
new-thyroid	0.8571	0.0952	0.5795	0.6613	0.1302
new-thyroidT	0.1429	0.8571	0.1250	0.0000	0.3113
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.5045	0.4955	0.5387	0.0513	0.8330
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.8894	0.1106	0.8636	0.6961	0.3239
NPHA-doctor-visits	0.3889	0.4074	0.3067	0.0140	0.5637
nursery	0.6628	0.1686	0.7192	0.5113	0.2320
obesity	0.6161	0.1097	0.5707	0.5504	0.2380
obs	0.6759	0.1620	0.6950	0.5444	0.2832
occupancy	0.8988	0.1012	0.8537	0.6644	0.2602
Occupancy_Estimation	0.1372	0.4314	0.4709	0.0744	0.1520
oh0-wc	0.5248	0.0950	0.4573	0.4552	0.3763
oh10-wc	0.2857	0.1429	0.2940	0.1989	0.5760
oh15-wc	0.2500	0.1500	0.2618	0.1738	0.5487
oh5-wc	0.2527	0.1495	0.2771	0.1607	0.6101
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.7368	0.0585	0.6356	0.6756	0.1485
opn310k10%	0.9075	0.0925	0.6097	0.1640	0.5748
opnat310k-hg16-17	0.8977	0.1023	0.5825	0.1323	0.6377
optdigits	0.6281	0.0744	0.6534	0.5869	0.3329
optdigitsZ	0.9804	0.0196	0.9415	0.8824	0.2950
orl	0.1250	0.0437	0.0877	0.1026	0.2008
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9091	0.0909	0.4762	-0.0268	0.6225
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.4505	-0.0152	0.6261
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7540	0.2460	0.7698	0.5153	0.6701
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9159	0.0336	0.3493	0.4323	0.3086
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.4265	0.5735	0.5762	0.0518	0.6089
parkinsons-small	0.7368	0.2632	0.4242	0.0000	0.4125
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.4354	0.5646	0.6183	0.1233	0.5632
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.4278	0.5722	0.4928	-0.0058	0.7567
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.2237	0.7763	0.3048	-0.0727	0.6448
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.7662	0.0468	0.7773	0.7397	0.1946
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.5831	0.4169	0.6571	0.2472	0.7213
personalities	0.4685	0.0664	0.4775	0.4331	0.4746
pet-adoption	0.8300	0.1700	0.8040	0.5729	0.5144
phishing	0.6367	0.3633	0.6464	0.0873	0.4876
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5725	0.4275	0.6120	0.0023	0.5110
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.4372	0.1608	0.4877	0.3457	0.3027
phone-acc1%	0.5483	0.1291	0.5917	0.4746	0.2313
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.4774	0.1493	0.5037	0.3915	0.3091

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phone-gyr1%	0.5587	0.1261	0.5901	0.4864	0.2209
phoneme	0.8000	0.2000	0.7381	0.3952	0.5236
phy	0.5630	0.4370	0.5990	0.1223	0.7339
pima	0.3816	0.6184	0.2762	-0.0264	0.6398
pirvision	0.8929	0.0714	0.7901	0.5539	0.1145
placement	0.6060	0.3940	0.6022	0.0781	0.6191
plant-growth	0.5263	0.4737	0.5101	0.0116	0.8345
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5122	0.1394	0.1612	0.0566	0.3992
poker10%	0.5679	0.1080	0.1702	0.1752	0.3805
polish-1st	0.9559	0.0441	0.4887	-0.0100	0.4925
polish-2nd	0.9577	0.0423	0.5859	0.1096	0.4781
polish-3rd	0.9505	0.0495	0.5883	0.0915	0.4301
polish-4th	0.9449	0.0551	0.5864	0.0871	0.4348
polish-5th	0.9306	0.0694	0.6122	0.1119	0.4175
polya	0.4141	0.5859	0.5210	0.0230	0.7597
popularity	0.4822	0.3452	0.3895	0.0904	0.5438
post-operative	0.6667	0.3333	0.7500	0.4000	0.5283
postures	0.5638	0.1745	0.5895	0.4551	0.3611
pred-tox_mutagen_ref-desc	0.5147	0.4853	0.5232	0.0294	0.8430
prestige	0.7778	0.1481	0.5926	0.6400	0.1389
primary-tumor	0.2727	0.1119	0.2090	0.2024	0.3472
profb	0.4627	0.5373	0.5579	0.0808	0.7751
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio	0.6831	0.1267	0.6983	0.5956	0.1499
puc-rio10%	0.7025	0.1190	0.7243	0.6225	0.1694
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4913	0.5087	0.4896	-0.0171	0.9488
pufs-641%	0.4946	0.5054	0.4921	-0.0114	0.9099
pulsar	0.9066	0.0934	0.4755	-0.0016	0.2706
raisin	0.5111	0.4889	0.5461	0.0222	0.6435
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.0133	0.1518	0.0020	0.0000	0.3290
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5503	0.4497	0.5411	0.0034	0.5473
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5123	0.4877	0.6143	0.1367	0.6804
RT_IOT2022	0.1568	0.1405	0.6350	0.1477	0.0233
satimage	0.6734	0.1089	0.6895	0.6081	0.3019
satimageF	0.8927	0.1073	0.6604	0.0252	0.2350
satimageT	0.1540	0.8460	0.4714	-0.0109	0.3212
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.4444	0.5556	0.4696	-0.0465	0.7758
schizo	0.5882	0.4118	0.6290	0.1765	0.7179
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9103	0.0897	0.5429	0.0808	0.6776
seeds	0.8571	0.0952	0.8676	0.7857	0.2568
segment	0.8225	0.0507	0.8666	0.7933	0.1012
segmentation	0.6584	0.3416	0.5959	0.0677	0.6039
segmentO	0.1472	0.8528	0.1283	0.0000	0.3180
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-3-gram	0.8211	0.1789	0.5303	0.0569	0.7767
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.6810	0.0580	0.7019	0.6491	0.1577
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8483	0.1517	0.6093	0.1156	0.5371
shuttle	0.8447	0.0444	0.4478	0.5903	0.1136
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin	0.8078	0.1922	0.6737	0.1137	0.3470
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.2540	0.0096	0.8229
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6766	0.3234	0.6316	0.1752	0.6867
soil_pollution	0.1900	0.3240	0.1784	-0.0141	0.8532
solar-flare	0.4892	0.1703	0.3342	0.3355	0.3464
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.4412	0.0588	0.3513	0.3900	0.1903
spam-detection	0.9200	0.0800	0.7114	0.2141	0.1927
spambase	0.4000	0.6000	0.4940	-0.0018	0.6245
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8286	0.1714	0.7887	0.4878	0.3453
spectrometer	0.1154	0.0655	0.0805	0.0693	0.3476
splice-EI	0.2555	0.7445	0.4568	-0.0063	0.5015
splice-IE	0.8991	0.1009	0.8661	0.7305	0.5113
sport-articles	0.5300	0.4700	0.6412	0.1869	0.6597
squash-stored	0.4000	0.4000	0.2222	0.0000	0.3434
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7038	0.1975	0.6312	0.4892	0.3076
steel-b	0.7795	0.2205	0.5512	0.0578	0.6888
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.6974	0.3026	0.6644	0.1728	0.5316
steel-p	0.2103	0.7897	0.5336	0.0155	0.2586
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.6428	0.2381	0.5038	0.2932	0.2977
stock	0.8681	0.1319	0.7447	0.4462	0.5391
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.5340	0.4660	0.6464	0.1412	0.5553
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4700	0.2120	0.2589	0.1898	0.4759
student-depression	0.6710	0.3290	0.6693	0.2457	0.6564
student-habits	0.3300	0.2680	0.2214	0.0657	0.7065
student-weekend	0.3846	0.2462	0.2846	0.1653	0.6724
student-workday	0.6719	0.1313	0.2137	0.1699	0.3670
studentap	0.3846	0.4103	0.3899	0.0545	0.7589
susy1%	0.5890	0.4110	0.6089	0.1163	0.6766
susy10%	0.6529	0.3471	0.6820	0.2613	0.6277
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.3751	0.6249	0.2728	0.0000	0.5171
tae	0.4667	0.3556	0.3652	0.2000	0.4530
telco-churn	0.3480	0.6520	0.5542	0.0428	0.5791
texture	0.6582	0.0621	0.6503	0.6227	0.1642
theorem	0.9804	0.0196	0.9800	0.9594	0.1099

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.7789	0.2211	0.7511	0.4206	0.5162
tis	0.2723	0.7277	0.4636	-0.0210	0.6029
tis10%	0.2388	0.7612	0.3561	-0.0254	0.5448
titanic	0.3227	0.6773	0.2440	0.0000	0.4945
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.5294	0.2353	0.4664	0.3645	0.4416
toxicity	0.7647	0.2353	0.7424	0.4848	0.7453
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.3415	0.1463	0.3150	0.2381	0.4552
trec12-wc	0.4839	0.1290	0.4590	0.3839	0.3940
trec21-wc	0.4545	0.2182	0.2002	0.0388	0.4705
trec23-wc	0.4286	0.1905	0.2445	0.2025	0.4550
tuandromd	0.9305	0.0695	0.8890	0.7524	0.1912
turkish	0.5500	0.2250	0.5810	0.4000	0.4799
tvnews	0.4576	0.5424	0.6024	0.1000	0.6253
tvnews1%	0.3769	0.6231	0.4738	-0.0170	0.7149
tvnews10%	0.4518	0.5482	0.5811	0.0836	0.6743
ur3_cobotops_grip	0.9687	0.0313	0.6513	0.1419	0.2681
ur3_cobotops_stop	0.9619	0.0381	0.5756	0.0598	0.3650
urban	0.3881	0.1360	0.4049	0.2949	0.3094
urinalysis	0.9510	0.0490	0.7039	0.3436	0.4349
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.4643	0.2679	0.4784	0.2711	0.4086
vehicleVAN	0.2500	0.7500	0.2000	0.0000	0.4422
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.4884	0.5116	0.3281	0.0000	0.5296
vowel	0.3535	0.1175	0.3231	0.2889	0.3481
vowelZ	0.0909	0.9091	0.0833	0.0000	0.2192
vrnormat310k-hg16-17	0.9003	0.0997	0.6095	0.1889	0.6369
warpar10p	0.5385	0.0923	0.4632	0.4868	0.1428
warppie10p	0.8571	0.0286	0.8153	0.8409	0.0596
watch-acc1%	0.4744	0.1502	0.5155	0.3904	0.2774
watch-gyr1%	0.6129	0.1106	0.6233	0.5488	0.2155
water_pollution	0.2833	0.3583	0.2442	0.0442	0.7457
waveform	0.5020	0.3320	0.5456	0.2497	0.4951
weather-related	0.6288	0.0675	0.6335	0.5867	0.1796
web-phishing	0.7926	0.1383	0.7616	0.6519	0.4415
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.7134	0.1147	0.7138	0.6347	0.2456
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.8250	0.0875	0.8581	0.7667	0.1099
wilt	0.0745	0.9255	0.5192	0.0027	0.1329
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5723	0.1426	0.2096	0.2760	0.3891
winequality-white	0.4724	0.1507	0.2031	0.1623	0.5093
winnipeg10%	0.9776	0.0064	0.9588	0.9717	0.0807
wisc_bc	0.3684	0.6316	0.2692	0.0000	0.5148
yale	0.1250	0.1167	0.0691	0.0667	0.2597
yeast	0.3311	0.1338	0.2608	0.1464	0.3978
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.6486	0.3514	0.5976	0.0559	0.1963

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastME1	0.0338	0.9662	0.3618	-0.0130	0.1151
yeastME2	0.0676	0.9324	0.4316	-0.0112	0.1687
zip	0.5935	0.0813	0.5583	0.5430	0.3915

Table 386: Detailed results for ONER

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1422	0.0817	0.1025	0.0549	0.4926
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.9238	0.0762	0.8250	0.6093	0.3286
adult	0.8104	0.1896	0.7191	0.2769	0.3644
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.5447	0.0437	0.6386
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8586	0.0943	0.3080	-0.0312	0.3708
AID1284Morered	0.7778	0.2222	0.4375	-0.1163	0.8180
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6000	0.4000	0.5669	0.1304	0.8900
AID644red	0.6000	0.4000	0.5669	0.1304	0.8900
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8028	0.1972	0.7294	0.4587	0.7244
air_pollution	0.3533	0.1848	0.1510	-0.0398	0.7113
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.7896	0.2104	0.7957	0.5818	0.6566
alcohol	0.7810	0.0876	0.4156	0.4775	0.2508
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.7070	0.2930	0.6604	0.3073	0.8143
anneal	0.8090	0.0764	0.3776	0.4596	0.1451
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9903	0.0097	0.6199	0.2179	0.5108
anuran-family	0.8150	0.0925	0.4846	0.6364	0.3468
anuran-genus	0.7497	0.0626	0.2528	0.5553	0.4329
anuran-species	0.7028	0.0594	0.2975	0.5693	0.3109
anxiety	0.0833	0.2037	0.0840	-0.0313	0.8120
apple-quality	0.5475	0.4525	0.5477	0.0950	0.9686
aps-failure	0.9828	0.0172	0.7063	0.3936	0.4840
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7000	0.3000	0.7292	0.4231	0.7161

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.6000	0.0800	0.1439	0.1735	0.3047
auction	0.9216	0.0784	0.8040	0.5217	0.1952
audiology	0.4545	0.0992	0.1191	0.3016	0.2429
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7000	0.1000	0.4804	0.5890	0.2283
avila	0.9837	0.0027	0.9837	0.9788	0.0296
babies	0.4435	0.1590	0.1498	0.1315	0.5128
balance	0.6290	0.2473	0.4334	0.3030	0.4915
bank	0.8874	0.1126	0.6328	0.2129	0.5987
banknote	0.8540	0.1460	0.8529	0.7054	0.5536
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.7742	0.2258	0.7495	0.4604	0.6338
basehock	0.7035	0.2965	0.7506	0.4087	0.5360
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.7143	0.2857	0.6897	0.3762	0.8117
biomed	0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5000	0.2500	0.5165	0.3333	0.6002
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.4955	0.5045	0.4954	-0.0091	1.0000
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.4545	0.1818	0.3684	0.3592	0.2044
bridges	0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9130	0.0870	0.9164	0.8189	0.3522
cancer-uae	0.4700	0.3533	0.3034	-0.0216	0.5395
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.8030	0.1970	0.7816	0.5599	0.6809
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.4883	0.1023	0.3009	0.3607	0.3979
cardiotocography-nsp	0.8169	0.1221	0.4762	0.3817	0.3645
cardiovascular	0.7121	0.2879	0.7156	0.4242	0.7861
cargo2k	0.6523	0.2318	0.6481	0.4769	0.3362
cars	0.7500	0.1667	0.6162	0.5460	0.4384
cas_N6512_cdk_ECFP2	0.5791	0.4209	0.5699	0.1329	0.9306
cas_N6512_rdkit_ATOMPAIR	0.5923	0.4077	0.6124	0.2053	0.8699
cas_N6512_RDkit_AtomPair_FP	0.5859	0.4141	0.6112	0.1965	0.8549
cas_N6512_rdkit_AVALON	0.6160	0.3840	0.6150	0.2298	0.9130
cas_N6512_RDkit_Avalon_FP	0.6150	0.3850	0.6120	0.2239	0.9161
cas_N6512_rdkit_descriptors	0.5554	0.4446	0.5533	0.1065	0.9641
cas_N6512_rdkit_FEATMORGAN	0.5576	0.4424	0.5588	0.1170	0.9575
cas_N6512_RDkit_Featmorgan_FP	0.5798	0.4202	0.5864	0.1687	0.9270
cas_N6512_RDkit_FP	0.6319	0.3681	0.6299	0.2598	0.8993
cas_N6512_rdkit_LAYERED	0.6185	0.3815	0.6142	0.2276	0.9124
cas_N6512_RDkit_Layered_FP	0.5905	0.4095	0.5841	0.1661	0.9346
cas_N6512_rdkit_MACCS	0.6068	0.3932	0.6305	0.2353	0.8424

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.6074	0.3926	0.6027	0.2044	0.9224
cas_N6512_rdkit_MORGAN	0.5954	0.4046	0.5878	0.1679	0.9167
cas_N6512_RDkit_morgan_FP	0.5874	0.4126	0.5805	0.1582	0.9356
cas_N6512_rdkit_PATTERN	0.6385	0.3615	0.6336	0.2637	0.8875
cas_N6512_RDkit_pattern_FP	0.6518	0.3482	0.6476	0.2930	0.8759
cas_N6512_rdkit_RDKITFP	0.5991	0.4009	0.6094	0.2103	0.8987
cas_N6512_rdkit_TORSION	0.5600	0.4400	0.5705	0.0554	0.6777
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8426	0.1050	0.3959	0.0033	0.1756
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6632	0.3368	0.5904	0.1510	0.8338
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9462	0.0538	0.6860	0.2229	0.3025
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.9391	0.0304	0.9216	0.9092	0.1424
chrom19	0.9997	0.0003	0.9175	0.8217	0.0313
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9992	0.0008	0.7839	0.5621	0.4216
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9157	0.0843	0.4780	-0.0113	0.4605
churn	0.8100	0.1900	0.6504	0.1245	0.4441
churn-bigml	0.8876	0.1124	0.7377	0.3588	0.3562
ci900367j_MACCS	0.6842	0.3158	0.6572	0.2192	0.6561
circles	0.1000	0.0180	0.0989	0.0909	0.4073
cirrhosis	0.5238	0.3175	0.3238	0.0047	0.5353
cjs	0.9964	0.0012	0.9962	0.9956	0.0059
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.5324	0.2338	0.2963	0.2225	0.4549
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5000	0.3333	0.6111	0.2174	0.4138
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5442	0.3039	0.4078	0.2470	0.6195
cnae-9	0.2037	0.1770	0.1468	0.1042	0.3654
codon_usage	0.5679	0.0786	0.4885	0.4689	0.5033
coil20	0.4653	0.0535	0.4563	0.4369	0.3028
college	0.8442	0.1558	0.7983	0.5951	0.6222
collins	0.9800	0.0027	0.9249	0.9780	0.0067
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.5841	0.1570	0.8836
colposcopies-2	0.5517	0.4483	0.4754	-0.0443	0.9714
colposcopies-3	0.4828	0.5172	0.4257	-0.1358	1.0000
colposcopies-4	0.6207	0.3793	0.3830	-0.1771	0.9460
colposcopies-5	0.8621	0.1379	0.7242	0.4257	0.6185
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8065	0.1935	0.8110	0.5991	0.6096
column-3c	0.7742	0.1505	0.6696	0.6252	0.2830
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.9812	0.0125	0.4888	0.3236	0.0358
cottonmeloidogyne	0.6058	0.3942	0.6109	0.2135	0.8994
coupon	0.6120	0.3880	0.5926	0.1445	0.8219

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.6661	0.0954	0.3662	0.4394	0.3550
covtypeCD	0.9021	0.0979	0.7580	0.4517	0.4252
covtypeT	0.9343	0.0657	0.7122	0.4150	0.5797
crabs	0.5000	0.2500	0.3333	0.3333	0.2044
creditcard_trans	0.9989	0.0011	0.8147	0.6185	0.3498
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.7862	0.0713	0.3870	0.5260	0.3417
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.1562	0.0422	0.0625	0.1308	0.2209
customer-churn	0.9792	0.0208	0.5706	0.0177	0.1761
cybersecurity	0.1667	0.2778	0.1636	-0.0009	0.8789
cyclopentane	0.5926	0.4074	0.5912	0.1818	0.9314
cylinder-bands	0.6667	0.3333	0.6517	0.2946	0.8522
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0968	0.1806	0.0965	-0.0036	0.9282
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8263	0.1737	0.7128	0.3858	0.6261
defect	0.8302	0.1698	0.5803	0.1155	0.6787
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8852	0.1148	0.6424	0.2323	0.5971
depressed	0.8252	0.1748	0.5461	0.0382	0.5884
dermatology	0.4865	0.1712	0.2253	0.3279	0.2226
desharnais	0.6250	0.2500	0.5032	0.3143	0.4486
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.5263	0.4000	0.3199
DIA	0.8000	0.2000	0.7037	0.3846	0.6952
diabetes	0.8269	0.1731	0.8245	0.6444	0.6102
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.8161	0.1839	0.7076	0.4136	0.7238
diabetic1%	0.5588	0.2941	0.3556	0.0973	0.5771
diabetic10%	0.5639	0.2908	0.3594	0.1098	0.5333
diagnosis	0.9167	0.0833	0.9226	0.8333	0.3145
diamonds	0.7833	0.1083	0.8286	0.7003	0.1958
diamonds_all	0.6185	0.1526	0.5087	0.4280	0.3299
dishonest	0.7500	0.2500	0.6948	0.3846	0.7788
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.6250	0.3750	0.6343	0.2603	0.8728
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5340	0.4660	0.5304	0.0195	0.6990
drebin	0.8064	0.1936	0.7914	0.5494	0.5653
dropout	0.7065	0.1956	0.5989	0.5083	0.5532
drug-01	0.3883	0.1748	0.1169	0.0059	0.3883
drug-02	0.5160	0.1383	0.0976	0.0045	0.2958
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5213	0.1368	0.0996	0.0117	0.4057
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3989	0.1717	0.1584	0.2181	0.3829
drug-07	0.4255	0.1641	0.1316	0.0229	0.3624
drug-08	0.5372	0.1322	0.1020	0.0084	0.3479
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-10	0.5319	0.1337	0.1396	0.0856	0.3735
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7872	0.0608	0.1258	-0.0070	0.2247
drug-13	0.5851	0.1185	0.1591	0.1606	0.3550
drug-14	0.5798	0.1201	0.1929	0.0727	0.3291
drug-15	0.7660	0.0669	0.1936	0.0374	0.1782
drug-16	0.5691	0.1231	0.1756	0.2668	0.3333
drug-17	0.3564	0.1839	0.1295	0.0950	0.4381
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.6356	0.1041	0.6356	0.5574	0.3472
ecoli	0.6765	0.1078	0.3699	0.5405	0.2256
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7791	0.5237	0.6384
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.1800	0.4100	0.1815	-0.0955	0.8446
eeg	0.1822	0.1022	0.1213	0.0801	0.7329
eeg-eye	0.6268	0.3732	0.6173	0.2195	0.8746
eeg10%	0.1827	0.1022	0.1461	0.0843	0.6811
email_phishing	0.9867	0.0133	0.4967	-0.0000	0.0618
eucalyptus	0.5616	0.1753	0.5820	0.4433	0.4432
euthyroid	0.9494	0.0506	0.8612	0.7219	0.4761
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8786	0.1214	0.8812	0.7545	0.4506
fakenews	0.4800	0.5200	0.4800	-0.0399	1.0000
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.3618	0.0751	0.0872	0.2161	0.3282
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5294	0.4706	0.5102	0.0192	0.9732
financial-risk	0.6335	0.1222	0.2168	0.3235	0.2218
fishcatch	0.7500	0.0833	0.5553	0.6832	0.1341
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.7885	0.1058	0.7641	0.7091	0.2867
gas	0.5464	0.1512	0.5206	0.4475	0.5505
gastrointestinal	0.3750	0.4167	0.3173	0.0244	0.6750
gender	0.5347	0.3102	0.3167	-0.0091	0.5468
gene	0.5110	0.3260	0.2255	0.0000	0.3731
german	0.6100	0.3900	0.5032	0.0051	0.9123
gestures	0.5043	0.2479	0.5082	0.3394	0.5886
gina	0.7378	0.2622	0.7406	0.4734	0.7478
gisette	0.8286	0.1714	0.8292	0.6571	0.6030
glass	0.6667	0.1111	0.5072	0.5051	0.1996
glass-g2	0.6875	0.3125	0.7115	0.3939	0.7489
glassBWFP	0.8095	0.1905	0.8132	0.6147	0.6219
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.4545	0.2105	0.3708
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage	0.4000	0.3000	0.3548	0.1615	0.5188
gsalc	0.6667	0.1111	0.6222	0.5970	0.1390

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
haberman	0.7000	0.3000	0.6011	0.2012	0.8607
hapt	0.5288	0.0785	0.3096	0.4401	0.3735
har	0.5729	0.1708	0.5643	0.4529	0.5689
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7597	0.0686	0.4124	0.6442	0.2492
har7010%	0.7708	0.0655	0.4151	0.6579	0.2511
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6765	0.0539	0.2728	0.5369	0.3243
harth10%	0.6867	0.0522	0.2773	0.5500	0.3099
hayes-roth	0.3750	0.4167	0.2790	-0.0458	0.6275
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7600	0.1200	0.2159	-0.0157	0.2902
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.7419	0.2581	0.7448	0.4855	0.7510
heart-c	0.6667	0.3333	0.6637	0.3243	0.8571
heart-failure	0.9420	0.0580	0.9326	0.8651	0.3210
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.7875	0.2125	0.7887	0.5747	0.6792
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.6923	0.3077	0.5667	0.1333	0.8605
higgs0.1%	0.5955	0.4045	0.5943	0.1886	0.9325
higgs1%	0.5975	0.4025	0.5956	0.1912	0.9314
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1515	0.1515	0.2969
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8398	0.1602	0.6389	0.1583	0.5162
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5000	0.3333	0.3348	0.0743	0.5864
hotel-reservartions	0.7770	0.2230	0.7324	0.4411	0.6862
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.6224	0.2517	0.6256	0.4341	0.6284
htru2	0.9765	0.0235	0.9264	0.8500	0.2265
hypothyroid	0.9549	0.0225	0.6122	0.7459	0.2920
hypothyroidT	0.9894	0.0106	0.9660	0.9297	0.2551
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.9227	0.0387	0.9277	0.8969	0.1081
ionosphere	0.8286	0.1714	0.8011	0.6023	0.6420
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.8600	0.1400	0.8695	0.7059	0.3522
isolet	0.1130	0.0682	0.1070	0.0775	0.6770
jm1	0.7943	0.2057	0.5647	0.0891	0.7138
jvowels	0.2620	0.1640	0.2566	0.1639	0.6916
kc1	0.8246	0.1754	0.5646	0.1030	0.7276
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6929	0.3824	0.7363
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.9733	0.0041	0.2247	0.9545	0.0306

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.7929	0.1381	0.7228	0.6494	0.2907
kidney	0.7994	0.0802	0.1778	0.0011	0.1827
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2435	0.0841	0.0659	0.1147	0.4216
krvskp	0.7022	0.2978	0.7070	0.3947	0.7711
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.6667	0.3333	0.6250	0.2500	0.8750
leaf	0.1765	0.0412	0.0515	0.1392	0.2088
led24	0.3000	0.1400	0.0930	0.1765	0.2788
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.1815	0.0630	0.0980	0.1471	0.4363
leukemia	0.7143	0.1905	0.7222	0.5625	0.3324
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.1944	0.1074	0.1857	0.1414	0.3547
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9981	0.0019	0.9022	0.7868	0.4689
liver	0.4706	0.5294	0.4219	-0.1547	0.9734
loan	0.9696	0.0304	0.9687	0.9361	0.1901
localization	0.3997	0.1091	0.1528	0.1763	0.5252
localization10%	0.3835	0.1121	0.1295	0.1552	0.5692
lrs	0.6415	0.1024	0.3837	0.4950	0.3177
lung	0.7143	0.1143	0.3639	0.3115	0.3246
lung_discrete	0.5000	0.1429	0.2667	0.3333	0.2674
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.8500	0.0600	0.5302	0.6471	0.0871
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7857	0.1429	0.5352	0.5882	0.3396
lymphoma2	0.5556	0.1481	0.2222	0.3333	0.2058
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.5731	0.4269	0.5731	0.1462	0.9508
magic04	0.7170	0.2830	0.6806	0.3589	0.8166
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8261	0.6402	0.5767
marketing	0.8438	0.1562	0.5853	0.1262	0.6688
maternal	0.6238	0.2508	0.6340	0.4317	0.6083
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8371	0.1086	0.3040	0.0038	0.2072
mental-disorders	0.5833	0.2083	0.5915	0.4444	0.2834
mental-health	0.1733	0.3307	0.1685	-0.0344	0.8864
messidor	0.4348	0.5652	0.4209	-0.1580	1.0000
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	0.8889	0.0741	0.8889	0.8302	0.1290
meter-C	0.8333	0.0833	0.8456	0.7731	0.2218
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.3900	0.1220	0.3795	0.3222	0.5079
mfeat-fou	0.4000	0.1200	0.3713	0.3333	0.5135
mfeat-kar	0.3200	0.1360	0.3232	0.2444	0.5767
mfeat-mor	0.4500	0.1100	0.4401	0.3889	0.4016
mfeat-pix	0.2600	0.1480	0.1481	0.1778	0.4631
mfeat-zer	0.2600	0.1480	0.2608	0.1778	0.6313
mice-prot	0.4259	0.1435	0.3893	0.3405	0.5225
milk	0.7453	0.1698	0.7376	0.6181	0.3616

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mines	0.4412	0.2235	0.4174	0.2963	0.5377
mobile	0.0874	0.0326	0.0734	0.0708	0.3966
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7679	0.2321	0.7886	0.5285	0.5651
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8831	0.1169	0.8900	0.7675	0.4161
music	0.3000	0.1273	0.2064	0.1265	0.6982
musk	0.8970	0.1030	0.7753	0.5020	0.4436
MUT_ci300400a_cdk_ECFP2	0.6043	0.3957	0.5687	0.0972	0.8177
MUT_ci300400a_cdk_ECFP4	0.6048	0.3952	0.5687	0.1032	0.8376
MUT_ci300400a_cdk_ECFP6	0.6036	0.3964	0.5682	0.0990	0.8268
MUT_ci300400a_cdk_ESTATE	0.6103	0.3897	0.5837	0.1592	0.9125
MUT_ci300400a_cdk_EXTENDED	0.6283	0.3717	0.6015	0.1685	0.8329
MUT_ci300400a_cdk_FCFP2	0.6263	0.3737	0.5987	0.1767	0.8694
MUT_ci300400a_cdk_FCFP4	0.6283	0.3717	0.6014	0.1816	0.8664
MUT_ci300400a_cdk_FCFP6	0.6223	0.3777	0.5945	0.1716	0.8807
MUT_ci300400a_cdk_MACCS	0.6079	0.3921	0.6268	0.2388	0.8648
MUT_ci300400a_cdk_PUBCHEM	0.6263	0.3737	0.5990	0.1796	0.8750
MUT_ci300400a_cdk_STANDARD	0.6539	0.3461	0.6585	0.3109	0.8542
MUT_ci300400a_rdkit_descriptors	0.6190	0.3810	0.6072	0.2139	0.9150
myocardial	0.8706	0.0324	0.2414	0.2917	0.1026
naticusdroid	0.8609	0.1391	0.8665	0.7217	0.4855
NCI60	0.5000	0.1667	0.4000	0.4000	0.1569
nci9	0.1667	0.2778	0.0833	0.0000	0.3074
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8768	0.0130	0.2889	0.6386	0.4154
ncRNA10%	0.8993	0.0106	0.4425	0.7115	0.5368
neo	0.9123	0.0877	0.6787	0.2716	0.4737
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT	0.9048	0.0952	0.8662	0.6957	0.5000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.5396	0.4604	0.5377	0.0754	0.9755
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.8595	0.1405	0.8260	0.6517	0.5832
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.6628	0.1686	0.4276	0.4962	0.1594
obesity	0.6398	0.1029	0.6437	0.5793	0.3496
obs	0.8889	0.0556	0.9192	0.8326	0.1530
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9447	0.0276	0.8134	0.8240	0.0758
oh0-wc	0.3564	0.1287	0.1498	0.2152	0.3055
oh10-wc	0.2571	0.1486	0.1198	0.1136	0.3804
oh15-wc	0.3370	0.1326	0.1559	0.2022	0.3891
oh5-wc	0.2418	0.1516	0.1252	0.1026	0.3853
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.5965	0.0897	0.3736	0.4930	0.3158
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9104	0.0896	0.6064	0.1214	0.4899
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.2794	0.1441	0.2354	0.2025	0.5971
optdigitsZ	0.9573	0.0427	0.8928	0.7734	0.4682
orl	0.2500	0.0375	0.1714	0.2308	0.1786
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9368	0.0632	0.7246	0.2575	0.1626
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7474	0.2526	0.7048	0.4000	0.7644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7222	0.2778	0.7232	0.4450	0.7871
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9342	0.0263	0.4132	0.5713	0.2341
parkinson	0.9583	0.0417	0.9592	0.9151	0.2119
parkinsons	0.7251	0.2749	0.6973	0.3831	0.7816
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.8331	0.1669	0.7812	0.5496	0.6124
particle10%	0.8192	0.1808	0.7630	0.5165	0.6543
pasture	0.5000	0.3333	0.4706	0.2727	0.3750
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5464	0.4536	0.3533	-0.0712	0.8005
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7237	0.2763	0.6251	0.2500	0.8340
pediatric-leukemia	0.5294	0.1345	0.4153	0.4163	0.3411
pendigits	0.3922	0.1216	0.3704	0.3236	0.4214
period	0.6667	0.3333	0.5950	0.1818	0.8798
period-10f	0.5556	0.4444	0.3571	-0.2000	0.9762
persistency	0.7813	0.2187	0.7641	0.4944	0.6231
personalities	0.1033	0.1121	0.0639	0.0435	0.5573
pet-adoption	0.7350	0.2650	0.7114	0.4208	0.7826
phishing	0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.9970	0.0030	0.9970	0.9939	0.0223
phone-acc0.1%	0.4349	0.1615	0.4335	0.3384	0.6191
phone-acc1%	0.4325	0.1621	0.4306	0.3353	0.6205
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.6181	0.1091	0.5931	0.5525	0.3940
phone-gyr1%	0.6120	0.1109	0.5925	0.5454	0.4049
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7426	0.2574	0.6763	0.3521	0.8019
phy	0.6494	0.3506	0.6498	0.2984	0.8778
pima	0.6842	0.3158	0.6575	0.2716	0.7650
pirvision	0.9477	0.0348	0.8441	0.8300	0.1779
placement	0.7370	0.2630	0.7345	0.4674	0.7681
plant-growth	0.4737	0.5263	0.4722	-0.0556	1.0000
plrx	0.5556	0.4444	0.4462	-0.1077	0.9442
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5005	0.1427	0.1434	0.0154	0.2807
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9630	0.0370	0.6560	0.2230	0.4079
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9551	0.0449	0.7294	0.4288	0.4797
polish-5th	0.9459	0.0541	0.7416	0.4065	0.3622
polya	0.6919	0.3081	0.6438	0.2737	0.8324
popularity	0.5818	0.2788	0.3400	0.0363	0.5820
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.4858	0.2057	0.4743	0.3569	0.5653
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6329	0.2647	0.8956
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.1818	0.1259	0.0604	0.0166	0.4131
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6716	0.3284	0.5552	0.0587	0.7352
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio	0.7580	0.0968	0.6150	0.6666	0.3215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
puc-rio10%	0.7568	0.0973	0.6076	0.6661	0.3354
pufs-1281%	0.4883	0.5117	0.4883	-0.0233	1.0000
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5025	0.4975	0.5025	0.0050	0.9986
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9745	0.0255	0.9204	0.8380	0.2450
raisin	0.9444	0.0556	0.9446	0.8889	0.2853
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.5533	0.0687	0.1165	0.3062	0.2746
re1-wc	0.4036	0.0477	0.0503	0.2394	0.2814
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9802	0.0198	0.9800	0.9600	0.1303
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5907	0.4093	0.5583	0.1123	0.9382
RT_IOT2022	0.9506	0.0082	0.6332	0.8760	0.0377
satimage	0.6065	0.1312	0.6245	0.5164	0.4105
satimageF	0.9627	0.0373	0.8974	0.7862	0.2607
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.5944	0.1765	0.9011
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.6178	0.3822	0.6073	0.2109	0.9097
seeds	0.8571	0.0952	0.8631	0.7857	0.2706
segment	0.5931	0.1163	0.6011	0.5252	0.3341
segmentation	0.6881	0.3119	0.6570	0.3138	0.8508
segmentO	0.9870	0.0130	0.9745	0.9489	0.1700
seismic	0.9225	0.0775	0.4798	-0.0202	0.5773
semeion	0.9560	0.0440	0.8819	0.7633	0.4382
sens-1-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sens-10-gram	0.8635	0.1365	0.5687	0.0487	0.4933
sens-2-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sens-3-gram	0.8658	0.1342	0.5694	0.0500	0.4928
sens-4-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-8-gram	0.8579	0.1421	0.5509	0.0587	0.6232
sens-9-gram	0.8632	0.1368	0.5688	0.0697	0.5660
sensorless	0.6386	0.0657	0.6384	0.6025	0.4204
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8832	0.1168	0.7552	0.5028	0.6062
shuttle	0.9453	0.0156	0.4791	0.8575	0.1117
sick	0.9523	0.0477	0.8001	0.5996	0.5178
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.8855	0.1145	0.8226	0.6447	0.5628
skin10%	0.8803	0.1197	0.8190	0.6379	0.5814
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2000	0.4000	0.1985	-0.0707	0.8703
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6985	0.3015	0.7535	0.4380	0.6100
soil_pollution	0.2200	0.3120	0.2198	0.0228	0.8419
solar-flare	0.5180	0.1607	0.2655	0.3601	0.2285

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.2794	0.0759	0.1080	0.1711	0.2820
spam-detection	0.9065	0.0935	0.5760	0.0471	0.4088
spambase	0.7435	0.2565	0.7299	0.4595	0.7695
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7143	0.2857	0.5889	0.1463	0.8021
spectrometer	0.2500	0.0556	0.1242	0.1971	0.2789
splice-EI	0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE	0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles	0.7600	0.2400	0.7426	0.4852	0.7487
squash-stored	0.4000	0.4000	0.3030	0.0000	0.5733
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8142	0.1239	0.7999	0.7101	0.3912
steel-b	0.7385	0.2615	0.5281	0.0511	0.8472
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9538	0.0462	0.9277	0.8544	0.2918
steel-o	0.6308	0.3692	0.5825	0.1643	0.9140
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9128	0.0872	0.6908	0.3318	0.5333
stellar	0.9443	0.0371	0.9345	0.8996	0.1558
stock	1.0000	0.0000	1.0000	1.0000	0.0000
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.8280	0.1720	0.8430	0.6392	0.3897
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.6050	0.1580	0.3257	0.3447	0.4352
student-depression	0.7767	0.2233	0.7672	0.5307	0.7042
student-habits	0.4100	0.2360	0.1879	0.0629	0.4624
student-weekend	0.3538	0.2585	0.1150	0.0109	0.4613
student-workday	0.7188	0.1125	0.2655	0.0777	0.2017
studentap	0.5385	0.3077	0.4097	0.2500	0.4742
susy1%	0.6962	0.3038	0.6939	0.3752	0.7995
susy10%	0.7155	0.2845	0.7165	0.4125	0.7529
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.2000	0.5333	0.2041	-0.2000	0.7960
telco-churn	0.7812	0.2188	0.6995	0.3915	0.7464
texture	0.4255	0.1045	0.4280	0.3671	0.4681
theorem	0.7103	0.2897	0.6974	0.3911	0.8083
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.6737	0.3263	0.6434	0.2861	0.8589
tis	0.7996	0.2004	0.7487	0.4938	0.7103
tis10%	0.7910	0.2090	0.7186	0.4371	0.7414
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.3529	0.3235	0.3529	0.1500	0.4642
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.7647	0.2353	0.7310	0.4426	0.7072
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.4634	0.1192	0.1753	0.2382	0.2764
trec12-wc	0.3548	0.1613	0.1492	0.1948	0.3650
trec21-wc	0.7879	0.0848	0.3517	0.4031	0.1727
trec23-wc	0.6667	0.1111	0.2764	0.5100	0.1670

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec31-wc	0.5806	0.1398	0.2591	0.4068	0.2526
trec41-wc	0.4886	0.1023	0.1617	0.3016	0.2373
trec45-wc	0.3913	0.1217	0.1414	0.2502	0.2951
tuandromd	0.9395	0.0605	0.9029	0.8031	0.3463
turkish	0.5000	0.2500	0.5026	0.3333	0.5682
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.7154	0.2846	0.6828	0.3585	0.8074
tvnews10%	0.7433	0.2567	0.7155	0.4260	0.7693
ur3_cobotops_grip	0.9687	0.0313	0.6513	0.1419	0.2681
ur3_cobotops_stop	0.9605	0.0395	0.4899	-0.0051	0.3736
urban	0.5373	0.1028	0.4635	0.4511	0.3847
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.5119	0.2440	0.5131	0.3487	0.6010
vehicleVAN	0.8333	0.1667	0.7711	0.5410	0.6605
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.2323	0.1396	0.2275	0.1556	0.4409
vowelZ	0.8889	0.1111	0.4706	-0.0342	0.6578
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.3077	0.0692	0.0718	0.1653	0.3282
warpar10p	0.2308	0.1538	0.2115	0.1447	0.2441
warppie10p	0.4286	0.1143	0.4068	0.3652	0.2614
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.9221	0.0223	0.9213	0.9088	0.1386
watch-acc10%	0.9350	0.0186	0.9350	0.9240	0.1216
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.9367	0.0181	0.9365	0.9261	0.1145
watch-gyr10%	0.9504	0.0142	0.9500	0.9421	0.0972
water_pollution	0.2367	0.3817	0.2355	-0.0193	0.8700
waveform	0.5280	0.3147	0.5195	0.2925	0.6778
weather-related	0.2596	0.1346	0.1441	0.1323	0.7165
web-phishing	0.8000	0.1333	0.5513	0.6221	0.3391
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.6667	0.3333	0.6250	0.2500	0.8750
wifi-loc	0.7200	0.1400	0.7231	0.6267	0.2753
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5786	0.1405	0.2515	0.3019	0.4062
winequality-white	0.4867	0.1467	0.2034	0.1590	0.4685
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.6158	0.1098	0.3996	0.5087	0.4046
wisc_bc	0.8246	0.1754	0.8221	0.6374	0.6120
yale	0.3125	0.0917	0.2585	0.2667	0.1938
yeast	0.4054	0.1189	0.1666	0.2254	0.3262
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.3473	0.1305	0.2655	0.2599	0.6133

Table 387: Detailed results for OneSlackSSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1373	0.0822	0.1350	0.0762	0.6455
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9817	0.0183	0.9613	0.9213	0.1335
adult	0.8444	0.1556	0.7693	0.5289	0.6239
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.7698	0.2302	0.4702	-0.0542	0.6350
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.8835	0.1165	0.5402	0.0804	0.6801
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.8000	0.2000	0.7619	0.4118	0.3750
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9897	0.0103	0.4974	-0.0020	0.3811
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8639	0.1361	0.8051	0.6026	0.5697
air_pollution	0.2300	0.2200	0.1819	0.0447	0.8826
alcohol	0.7429	0.1029	0.3597	0.3929	0.3075
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8558	0.1442	0.8398	0.6778	0.5580
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9444	0.0278	0.7734	0.8928	0.2349
anuran-genus	0.9624	0.0094	0.9074	0.9381	0.1763
anuran-species	0.9667	0.0067	0.9264	0.9537	0.0857
anxiety	0.1083	0.1981	0.1047	-0.0041	0.7894
apple-quality	0.7275	0.2725	0.7283	0.4550	0.7792
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9938	0.0062	0.7523	0.3978	0.1714
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.6667	0.0513	0.3127	0.4417	0.2343
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.8182	0.0331	0.7575	0.7800	0.0958
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9857	0.0143	0.9825	0.9645	0.1355
autism-child	0.9310	0.0690	0.9354	0.8626	0.2605
autos	0.8500	0.0500	0.7137	0.7980	0.0929
avila	0.5630	0.0728	0.4118	0.3609	0.3999
babies	0.4758	0.1498	0.2379	0.1923	0.5029
balance	0.8548	0.0968	0.5907	0.7278	0.2511
bank	0.9041	0.0959	0.7162	0.4057	0.5702
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8963	0.1037	0.8868	0.7681	0.4193
basehock	0.9648	0.0352	0.9648	0.9296	0.2045
bio	0.9960	0.0040	0.8733	0.7193	0.1054
bio10%	0.9952	0.0048	0.8502	0.6933	0.3223
biodeg	0.8857	0.1143	0.8788	0.7577	0.4851
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9857	0.0026	0.0903	-0.0001	0.0515
body-perf	0.5642	0.2179	0.5508	0.4189	0.4871
brain-tumor	0.5180	0.4820	0.5181	0.0362	0.9888
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.7738	0.7800	0.0411
bridges	0.8000	0.0571	0.5333	0.7143	0.0578
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4740	0.3507	0.2969	-0.0159	0.6141
car	0.8621	0.0690	0.7123	0.7089	0.3351
car-insurance	0.8370	0.1630	0.8082	0.6160	0.6229
card	0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography	0.8263	0.0347	0.7868	0.7923	0.2246
cardiotocography-nsp	0.8826	0.0782	0.7844	0.6905	0.4126
cardiovascular	0.7219	0.2781	0.7243	0.4438	0.7785
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6039	0.4977	0.5002
cas_N6512_cdk_ECFP2	0.7512	0.2488	0.7490	0.4973	0.7484
cas_N6512_rdkit_ATOMPAIR	0.7354	0.2646	0.7333	0.4663	0.7732
cas_N6512_RDkit_AtomPair_FP	0.7255	0.2745	0.7228	0.4439	0.7842
cas_N6512_rdkit_AVALON	0.7773	0.2227	0.7761	0.5521	0.7066
cas_N6512_RDkit_Avalon_FP	0.7914	0.2086	0.7904	0.5808	0.6814
cas_N6512_rdkit_descriptors	0.7508	0.2492	0.7495	0.4990	0.7498
cas_N6512_rdkit_FEATMORGAN	0.7542	0.2458	0.7525	0.5049	0.7447
cas_N6512_RDkit_Featmorgan_FP	0.7623	0.2377	0.7605	0.5207	0.7314
cas_N6512_RDkit_FP	0.7147	0.2853	0.7121	0.4233	0.8015
cas_N6512_rdkit_LAYERED	0.7508	0.2492	0.7502	0.5000	0.7487
cas_N6512_RDkit_Layered_FP	0.7408	0.2592	0.7386	0.4767	0.7645
cas_N6512_rdkit_MACCS	0.7680	0.2320	0.7663	0.5290	0.7129
cas_N6512_RDkit_MACCS_FP	0.7715	0.2285	0.7706	0.5410	0.7160
cas_N6512_rdkit_MORGAN	0.7462	0.2538	0.7440	0.4875	0.7563
cas_N6512_RDkit_morgan_FP	0.7669	0.2331	0.7651	0.5301	0.7239
cas_N6512_rdkit_PATTERN	0.7892	0.2108	0.7878	0.5756	0.6855
cas_N6512_RDkit_pattern_FP	0.7699	0.2301	0.7696	0.5387	0.7173
cas_N6512_rdkit_RDKITFP	0.7250	0.2750	0.7240	0.4478	0.7876
cas_N6512_rdkit_TORSION	0.7246	0.2754	0.7233	0.4466	0.7885
ccds1%	0.9615	0.0385	0.6177	0.1165	0.3554
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7876	0.2124	0.7681	0.5361	0.7070

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8209	0.6148	0.3141
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.4871	-0.0029	0.2827
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.7962	0.5764	0.5664
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9033	0.0483	0.8531	0.8554	0.2090
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7684	0.2316	0.7540	0.5080	0.7332
circles	0.8330	0.0033	0.8517	0.8313	0.0464
cirrhosis	0.8333	0.1111	0.5686	0.6704	0.3026
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7667	0.1167	0.5952	0.6180	0.3091
climate	0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.5060	0.1430	0.5700
cnae-9	0.9630	0.0082	0.9640	0.9583	0.0416
codon_usage	0.8795	0.0219	0.7189	0.8538	0.2577
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.6200	0.0507	0.6837	0.5817	0.1623
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2	0.6207	0.3793	0.5770	0.1493	0.9180
colposcopies-3	0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
comedy_comparisons1%	0.5224	0.4776	0.5202	0.0401	0.9859
connect-4	0.9996	0.0003	0.9937	0.9898	0.0014
cottonmeloidogyne	0.7861	0.2139	0.7861	0.5721	0.6899
coupon	0.6916	0.3084	0.6826	0.3637	0.8342
covtypeCD	0.9433	0.0567	0.8738	0.7443	0.3954
covtypeT	0.9460	0.0540	0.7520	0.4717	0.4592
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9979	0.0021	0.4995	-0.0006	0.4397
crowdsourced	0.8949	0.0350	0.7817	0.7801	0.3021
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.4062	0.0297	0.2799	0.3883	0.1011
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1800	0.2733	0.1809	0.0170	0.8665
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.7407	0.2593	0.7349	0.4698	0.7686
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8083	0.1917	0.6721	0.2457	0.5633
defect	0.8735	0.1265	0.7288	0.3260	0.3579
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8932	0.1068	0.6737	0.2856	0.5485
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9409	0.9326	0.0579
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.6333	0.3667	0.6361	0.2667	0.8827
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7000	0.3000	0.6000	0.2000	0.8533
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetic1%	0.6078	0.2614	0.5450	0.3068	0.6301
diabetic10%	0.5305	0.3130	0.3831	0.0958	0.6666
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all	0.6355	0.1458	0.5415	0.4609	0.4293
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9304	0.0696	0.7608	0.4682	0.4114
dota210%	0.5689	0.4311	0.5647	0.1277	0.9512
drebin	0.9767	0.0233	0.9750	0.9500	0.1547
dropout	0.7652	0.1565	0.6606	0.5899	0.3638
drug-01	0.2660	0.2097	0.1386	0.0380	0.8793
drug-02	0.5213	0.1368	0.2788	0.1452	0.5941
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5106	0.1398	0.1918	0.1151	0.5549
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3777	0.1778	0.1937	0.2122	0.5692
drug-07	0.3404	0.1885	0.1342	0.0215	0.7448
drug-08	0.5372	0.1322	0.1259	0.0636	0.4583
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1749	0.1349	0.4569
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5745	0.1216	0.1603	0.1364	0.5154
drug-14	0.5745	0.1216	0.2217	0.1780	0.5962
drug-15	0.7553	0.0699	0.1229	-0.0057	0.2964
drug-16	0.5745	0.1216	0.2078	0.2450	0.4666
drug-17	0.3457	0.1869	0.1879	0.1328	0.7431
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9265	0.0210	0.9390	0.9112	0.1233
ecoli	0.8529	0.0368	0.5432	0.7974	0.1292
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2800	0.3600	0.2855	0.0404	0.8193
eeg-eye	0.6015	0.3985	0.5962	0.1422	0.7983
eeg10%	0.3232	0.0846	0.3415	0.2603	0.6973
eucalyptus	0.6164	0.1534	0.5858	0.5075	0.4330
euthyroid	0.9589	0.0411	0.8767	0.7495	0.3628
fakenews	0.5425	0.4575	0.5423	0.0846	0.9735

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
farm-ads	0.9034	0.0966	0.9031	0.8052	0.4164
fbis-wc	0.8537	0.0172	0.8345	0.8336	0.1176
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8824	0.1176	0.8815	0.7606	0.4688
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.5000	0.1429	0.4423	0.3651	0.3566
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9907	0.0031	0.9910	0.9887	0.0240
gastrointestinal	0.6250	0.2500	0.6534	0.3885	0.4805
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.9148	0.0568	0.9054	0.8644	0.2469
german	0.7400	0.2600	0.6980	0.3612	0.7202
gestures	0.3356	0.3322	0.3303	0.1142	0.8012
gina	0.8040	0.1960	0.8039	0.6078	0.6567
gisette	0.9700	0.0300	0.9700	0.9400	0.1817
glass	0.6667	0.1111	0.6697	0.5227	0.2557
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.6122	0.3787	0.3852
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9671	0.0055	0.8657	0.9611	0.0455
har	0.7431	0.1028	0.7335	0.6736	0.3972
har701%	0.7721	0.0651	0.3959	0.6291	0.1363
har7010%	0.7735	0.0647	0.3980	0.6311	0.1316
hayes-roth	0.3750	0.4167	0.3972	0.0303	0.7342
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8300	0.1700	0.8017	0.6033	0.6388
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.9333	0.0667	0.9148	0.8148	0.4011
hepmass1%	0.8361	0.1639	0.8363	0.6722	0.5906
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6491	0.3509	0.6470	0.2848	0.8624
higgs1%	0.6377	0.3623	0.6402	0.2534	0.8299
higher	0.2143	0.1964	0.1902	0.0888	0.3576
hinselmann	0.5000	0.5000	0.3333	-0.3158	0.8298
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9275	0.0725	0.8702	0.7404	0.4595
hiva	0.9433	0.0567	0.5247	0.0484	0.6305
horse	0.6667	0.2222	0.6500	0.4316	0.5669
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.5935	0.2710	0.5984	0.3931	0.6324

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
htru2	0.9799	0.0201	0.9372	0.8722	0.1956
hypothyroid	0.9735	0.0133	0.6729	0.8354	0.1893
hypothyroidT	0.9814	0.0186	0.9314	0.8530	0.0662
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9493	0.0253	0.9503	0.9324	0.0969
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9243	0.0058	0.9259	0.9212	0.0675
jm1	0.8090	0.1910	0.6234	0.0283	0.3782
jvowels	0.9468	0.0118	0.9429	0.9397	0.0843
kc1	0.8626	0.1374	0.6840	0.2188	0.4114
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.4615	0.2154	0.1500	0.0900	0.5370
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.8653	0.0385	0.8667	0.8428	0.2211
kddcup981%	0.8947	0.1053	0.4722	-0.0556	0.6436
kddcup991%	0.9976	0.0004	0.8183	0.9959	0.0224
kepler	0.8734	0.0844	0.8292	0.7915	0.2240
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.1611	0.0932	0.1563	0.0586	0.7632
krvskp	0.9561	0.0439	0.9564	0.9122	0.2373
la1s-wc	0.8889	0.0370	0.8688	0.8603	0.2042
la2s-wc	0.8808	0.0397	0.8656	0.8497	0.2141
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8529	0.0128	0.8623	0.8453	0.0420
led24	0.7000	0.0600	0.6650	0.6610	0.1243
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7830	0.0167	0.7804	0.7742	0.2224
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8889	0.0148	0.9106	0.8806	0.0504
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.9998	0.0002	0.9867	0.9734	0.0524
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9227	0.0773	0.9173	0.8341	0.3661
lrs	0.8868	0.0226	0.5704	0.8427	0.0498
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8904	0.7809	0.4568
madelon	0.5346	0.4654	0.5349	0.0692	0.9755
magic04	0.7812	0.2188	0.7516	0.4954	0.7034
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.9018	0.0982	0.7785	0.4783	0.3425
maternal	0.6535	0.2310	0.6645	0.4639	0.5126
math	0.6750	0.1625	0.5736	0.4995	0.4506

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.1800	0.3280	0.1825	-0.0220	0.8664
messidor	0.7217	0.2783	0.7242	0.4441	0.7796
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.9167	0.8475	0.1419
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9750	0.0050	0.9755	0.9722	0.0293
mfeat-fou	0.8050	0.0390	0.8061	0.7833	0.1911
mfeat-kar	0.9600	0.0080	0.9603	0.9556	0.0504
mfeat-mor	0.7350	0.0530	0.7412	0.7056	0.1807
mfeat-pix	0.9650	0.0070	0.9661	0.9611	0.0393
mfeat-zer	0.8200	0.0360	0.8167	0.8000	0.1066
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8774	0.0818	0.8811	0.8152	0.2779
mines	0.6176	0.1529	0.6262	0.5169	0.3187
mobile	0.7552	0.0087	0.7700	0.7508	0.1138
monks-1	0.6364	0.3636	0.6406	0.2686	0.8629
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.4256	0.1044	0.4591	0.3297	0.5938
musk	0.9409	0.0591	0.8795	0.7442	0.2972
MUT_ci300400a_cdk_ECFP2	0.8189	0.1811	0.8124	0.6220	0.6244
MUT_ci300400a_cdk_ECFP4	0.7844	0.2156	0.7776	0.5551	0.6990
MUT_ci300400a_cdk_ECFP6	0.7533	0.2467	0.7435	0.4846	0.7463
MUT_ci300400a_cdk_ESTATE	0.6906	0.3094	0.6879	0.3741	0.8286
MUT_ci300400a_cdk_EXTENDED	0.7962	0.2038	0.7899	0.5798	0.6778
MUT_ci300400a_cdk_FCFP2	0.7725	0.2275	0.7654	0.5308	0.7198
MUT_ci300400a_cdk_FCFP4	0.7842	0.2158	0.7767	0.5529	0.6984
MUT_ci300400a_cdk_FCFP6	0.7890	0.2110	0.7842	0.5682	0.6899
MUT_ci300400a_cdk_MACCS	0.7578	0.2422	0.7476	0.4890	0.7301
MUT_ci300400a_cdk_PUBCHEM	0.8335	0.1665	0.8276	0.6526	0.5934
MUT_ci300400a_cdk_STANDARD	0.7808	0.2192	0.7757	0.5512	0.7044
MUT_ci300400a_rdkit_descriptors	0.7769	0.2231	0.7708	0.5411	0.7100
myocardial	0.8706	0.0324	0.3471	0.4386	0.4335
naticusdroid	0.9594	0.0406	0.9595	0.9188	0.2264
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA1%	0.8773	0.0129	0.2595	0.6233	0.3082
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4861	0.3426	0.2694	-0.0517	0.5491
nursery	0.9306	0.0347	0.8932	0.8980	0.1425
obesity	0.8578	0.0406	0.8538	0.8340	0.1712
obs	0.8056	0.0972	0.8432	0.7021	0.2442
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9911	0.0044	0.9694	0.9728	0.0185
oh0-wc	0.8416	0.0317	0.8328	0.8173	0.1368
oh10-wc	0.7143	0.0571	0.7238	0.6747	0.2720
oh15-wc	0.6848	0.0630	0.6476	0.6432	0.3150
oh5-wc	0.8132	0.0374	0.8174	0.7887	0.1774
ohscal-wc	0.7016	0.0597	0.6828	0.6659	0.3828
olive	0.9298	0.0156	0.9064	0.9124	0.0439

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
optdigits	0.9537	0.0093	0.9549	0.9486	0.0675
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7629	0.2371	0.7422	0.4832	0.7452
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8333	0.1667	0.8325	0.6643	0.5954
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9671	0.0132	0.7999	0.8060	0.1316
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.7773	0.2227	0.7712	0.5392	0.7068
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8984	0.1016	0.8715	0.7414	0.4678
particle10%	0.8754	0.1246	0.8417	0.6813	0.5348
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.4691	0.5309	0.4589	-0.0821	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7763	0.2237	0.7178	0.4333	0.7479
pediatric-leukemia	0.8235	0.0504	0.7564	0.7839	0.1614
pendigits	0.9536	0.0093	0.9536	0.9484	0.0728
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8076	0.1924	0.7920	0.5823	0.6597
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9714	0.0286	0.9700	0.9397	0.1676
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.6631	0.0963	0.6155	0.6046	0.2960
phone-gyr0.1%	0.6870	0.0894	0.6483	0.6318	0.2776
phoneme	0.7796	0.2204	0.7250	0.4498	0.7456
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9895	0.0070	0.9806	0.9670	0.0729
placement	0.7850	0.2150	0.7797	0.5594	0.6974
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4361	0.1611	0.1351	-0.0076	0.6812
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9439	0.0561	0.5386	0.0260	0.4089
polish-5th	0.9306	0.0694	0.6045	0.0775	0.3665
polya	0.7849	0.2151	0.7605	0.5180	0.7055
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6211	0.2353	0.8938
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4242	0.0886	0.4242	0.3589	0.2995
profb	0.7761	0.2239	0.7384	0.4741	0.7318
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.8413	0.0635	0.7848	0.7866	0.2605
pulsar	0.9792	0.0208	0.9356	0.8672	0.1717
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%	0.8037	0.0096	0.5007	0.7815	0.1818
re0-wc	0.8467	0.0236	0.8730	0.8035	0.2132

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
re1-wc	0.7651	0.0188	0.5938	0.7328	0.1870
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6284	0.3716	0.6001	0.1923	0.8986
satimage	0.8414	0.0529	0.8029	0.8022	0.1871
satimageF	0.9829	0.0171	0.9552	0.9101	0.1937
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8526	0.1474	0.6353	0.2346	0.5810
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9441	0.9292	0.0817
segmentation	0.8267	0.1733	0.8079	0.6140	0.6248
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.5832	0.0279	0.3779
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.7579	0.2421	0.5554	0.1073	0.7427
sens-4-gram	0.8105	0.1895	0.6124	0.2236	0.7442
sens-5-gram	0.8368	0.1632	0.5823	0.1574	0.7501
sens-6-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sens-7-gram	0.8632	0.1368	0.5547	0.0445	0.5361
sens-8-gram	0.8605	0.1395	0.5591	0.0641	0.5968
sens-9-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8832	0.1168	0.7383	0.4292	0.5207
shuttle	0.9798	0.0058	0.6100	0.9440	0.2250
sick	0.9655	0.0345	0.8459	0.6799	0.3545
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9343	0.0657	0.9102	0.8144	0.4171
skin10%	0.9220	0.0780	0.8934	0.7805	0.4582
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.1600	0.4200	0.1597	-0.1206	0.8651
smk_can_187	0.8421	0.1579	0.8427	0.6816	0.5635
smoking	0.7418	0.2582	0.7312	0.4598	0.7649
soil_pollution	0.2000	0.3200	0.2003	0.0002	0.8740
solar-flare	0.7626	0.0791	0.7120	0.6944	0.1848
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9480	0.0520	0.8345	0.6659	0.4578
spambase	0.9174	0.0826	0.9133	0.8249	0.3700
spect	0.7407	0.2593	0.6469	0.2921	0.7993
spectf	0.8286	0.1714	0.7799	0.5532	0.6369
spectrometer	0.4423	0.0413	0.3024	0.4091	0.1780
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9085	0.0915	0.8740	0.7479	0.4790
sport-articles	0.8300	0.1700	0.8142	0.6205	0.5925
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7520	0.1653	0.6984	0.5966	0.4733
steel-b	0.8359	0.1641	0.7257	0.4351	0.6581

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.7436	0.2564	0.7038	0.3564	0.6769
steel-p	0.9077	0.0923	0.6141	0.2066	0.6425
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stock	0.9097	0.0903	0.8413	0.6805	0.5000
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.8040	0.1960	0.8020	0.6040	0.6593
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6350	0.1460	0.2811	0.3760	0.3213
student-habits	0.3000	0.2800	0.2057	0.0137	0.7795
student-weekend	0.3692	0.2523	0.2855	0.1395	0.7010
student-workday	0.6719	0.1313	0.1686	0.1135	0.5074
studentap	0.5385	0.3077	0.5193	0.2909	0.6677
susy1%	0.7874	0.2126	0.7881	0.5646	0.6539
susy10%	0.7904	0.2096	0.7897	0.5722	0.6621
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8991	0.1009	0.8683	0.7356	0.4784
texture	0.9945	0.0010	0.9947	0.9940	0.0084
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.7239	0.2761	0.6319	0.2637	0.8273
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.1000	0.5208	0.6098	0.1174
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.9268	0.0163	0.8372	0.9092	0.0501
trec12-wc	0.9032	0.0242	0.9110	0.8832	0.0704
trec21-wc	0.9697	0.0121	0.7958	0.9345	0.0286
trec23-wc	0.7619	0.0794	0.7513	0.6769	0.2008
trec31-wc	0.9677	0.0108	0.9616	0.9571	0.0526
trec41-wc	0.8750	0.0250	0.7605	0.8451	0.1238
trec45-wc	0.7971	0.0406	0.7133	0.7635	0.1938
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.7750	0.1125	0.7908	0.7000	0.2606
tvnews1%	0.9231	0.0769	0.9184	0.8363	0.3786
tvnews10%	0.8967	0.1033	0.8879	0.7743	0.4438
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7761	0.0498	0.8025	0.7390	0.1836
urinalysis	0.9650	0.0350	0.8088	0.5311	0.1051
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.7001	0.3866	0.4903
vehicle	0.7500	0.1250	0.7240	0.6655	0.1954
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.6263	0.0680	0.6359	0.5889	0.1825

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vowelZ	0.9091	0.0909	0.7649	0.5217	0.6161
wap-wc	0.8333	0.0167	0.6234	0.8138	0.1012
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
water_pollution	0.2467	0.3767	0.2472	-0.0043	0.8586
waveform	0.8380	0.1080	0.8387	0.7570	0.3702
weather-related	0.9673	0.0059	0.9683	0.9630	0.0509
web-phishing	0.8000	0.1333	0.5535	0.6262	0.4145
Weekly	0.9722	0.0278	0.9725	0.9434	0.1307
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9689	0.0311	0.8109	0.6001	0.3658
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5786	0.1405	0.2117	0.2840	0.3223
winequality-white	0.5194	0.1373	0.3083	0.2096	0.3559
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.5270	0.0946	0.3434	0.3944	0.3771
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9323	0.0135	0.9281	0.9241	0.1048

Table 388: Detailed results for OSRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1703	0.0572	0.0964	0.0958	0.5642
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9834	0.0166	0.6803	0.1559	0.1518
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7810	0.2190	0.5274	0.0458	0.8007
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8182	0.1212	0.3017	-0.0277	0.4134
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9941	0.0059	0.6782	0.0537	0.0247
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9513	0.0243	0.9030	0.9094	0.1588
anuran-genus	0.9026	0.0243	0.7451	0.8438	0.2407
anuran-species	0.9028	0.0194	0.8132	0.8640	0.1576
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.9755	0.0245	0.9433	0.8799	0.0855
audiology	0.2609	0.0616	0.0802	0.1971	0.1835
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.6000	0.1333	0.5369	0.5046	0.1783
avila	0.4710	0.0882	0.3354	0.3648	0.4196
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8226	0.1183	0.8097	0.7177	0.2886
bank	0.9070	0.0930	0.7334	0.4506	0.5767
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8825	0.1175	0.8718	0.7349	0.4464
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.9238	0.0762	0.9203	0.8400	0.3730
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.8134	0.0129	0.0311	0.0279	0.1141
bitcoin10%	0.8256	0.0120	0.0314	0.0519	0.5452
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7739	0.5455	0.6636
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8748	0.7822	0.1078
bridges	0.7000	0.0857	0.3750	0.5714	0.0976
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9080	0.0460	0.7650	0.8077	0.1743
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.3709	0.1258	0.2830	0.2679	0.4349
cardiotocography-nsp	0.8639	0.0908	0.7470	0.5205	0.2366
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.6025	0.4572	0.3883
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.7062	0.2938	0.7038	0.4075	0.8142
cas_N6512_RDkit_AtomPair_FP	0.7147	0.2853	0.7122	0.4239	0.8021
cas_N6512_rdkit_AVALON	0.7757	0.2243	0.7740	0.5478	0.7090
cas_N6512_RDkit_Avalon_FP	0.7945	0.2055	0.7933	0.5865	0.6760
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.7423	0.2577	0.7400	0.4787	0.7603
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.7431	0.2569	0.7411	0.4777	0.7515
cas_N6512_RDkit_morgan_FP	0.7515	0.2485	0.7494	0.4982	0.7477
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.7435	0.2565	0.7416	0.4832	0.7612
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8291	0.1139	0.4256	0.2681	0.3882
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7536	0.4997	0.7017
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9997	0.0003	0.9170	0.8326	0.2335
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9994	0.0006	0.8513	0.7024	0.4275
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.9640	0.0007	0.9657	0.9636	0.0171
cirrhosis	0.7381	0.1746	0.5010	0.4526	0.3795
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7028	0.1486	0.4862	0.5078	0.3181
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.3333	0.4444	0.2353	-0.1429	0.5841
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4354	0.3764	0.5458	0.2200	0.5590
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.5741	0.0774	0.4824	0.5098	0.3397
coil20	0.5417	0.0458	0.5276	0.5175	0.2453
college	0.7273	0.2727	0.4211	0.0000	0.4205
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2	0.5172	0.4828	0.4451	-0.1033	0.9975
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.6129	0.2581	0.4479	0.3047	0.4375

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.9825	0.0116	0.7094	0.6198	0.2331
cottonmeloidogyne	0.7308	0.2692	0.7307	0.4615	0.7789
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.7843	0.0719	0.5584	0.5965	0.2664
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.0312	0.0484	0.0071	0.0070	0.1843
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.6998	0.3793	0.7738
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8180	0.1820	0.7077	0.4016	0.6957
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.9009	0.0991	0.7260	0.4374	0.5947
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.7297	0.0901	0.7604	0.6636	0.1897
desharnais	0.5000	0.3333	0.4553	0.2381	0.3542
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9423	0.0577	0.9400	0.8793	0.3074
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.2667	0.3667	0.1053	0.0000	0.3871
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5000	0.5000	0.4701	-0.0588	1.0000
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.6524	0.2318	0.5679	0.3531	0.4077
drug-01	0.1915	0.2310	0.0822	-0.0052	0.6236
drug-02	0.4255	0.1641	0.2284	0.1935	0.4682
drug-03	0.4574	0.1550	0.1840	0.1551	0.3687
drug-04	0.3191	0.1945	0.1500	0.0860	0.5833

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.3564	0.1839	0.1364	0.0043	0.3106
drug-06	0.1596	0.2401	0.1818	0.0328	0.6059
drug-07	0.3936	0.1733	0.1522	-0.0140	0.3748
drug-08	0.2340	0.2188	0.1447	0.0356	0.5345
drug-09	0.6436	0.1018	0.1456	0.1259	0.2975
drug-10	0.2234	0.2219	0.1724	0.0810	0.5358
drug-11	0.5904	0.1170	0.1578	0.0826	0.3286
drug-12	0.5160	0.1383	0.1681	0.1222	0.3527
drug-13	0.3777	0.1778	0.1844	0.1835	0.5051
drug-14	0.3351	0.1900	0.2478	0.1398	0.5369
drug-15	0.3936	0.1733	0.1403	0.0621	0.4910
drug-16	0.4202	0.1657	0.2380	0.2286	0.4511
drug-17	0.3138	0.1960	0.1375	0.0702	0.5352
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.4309	0.1626	0.1453	0.0422	0.3725
drybean	0.8744	0.0359	0.8704	0.8489	0.2087
ecoli	0.6471	0.0882	0.3531	0.5172	0.2687
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.1918	0.1010	0.1883	0.1224	0.6490
eeg-eye	0.9179	0.0821	0.9170	0.8338	0.3783
eeg10%	0.1574	0.1053	0.1166	0.0842	0.6260
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2329	0.3068	0.3153	0.0905	0.4554
euthyroid	0.9557	0.0443	0.8627	0.7076	0.2965
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9532	0.0468	0.9531	0.9060	0.2509
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.1463	0.1004	0.1090	0.0743	0.4914
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.7500	0.0833	0.7856	0.6923	0.1457
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8077	0.0962	0.8171	0.7314	0.2412
gas	0.9533	0.0156	0.9505	0.9433	0.0772
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5095	0.3270	0.3555	0.0931	0.5636
gene	0.6782	0.2145	0.7273	0.5108	0.3868
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9020	0.0980	0.9023	0.8038	0.4213
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6190	0.1270	0.4578	0.4909	0.2169
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.6000	0.2000	0.5556	0.4737	0.1226
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.4937	0.3598	0.3757
gsalc	0.8889	0.0370	0.8046	0.8615	0.0466
haberman	0.7333	0.2667	0.6591	0.3182	0.8145
hapt	0.8847	0.0192	0.5361	0.8635	0.1363
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.6841	0.0903	0.5168	0.5823	0.3544
har7010%	0.7649	0.0672	0.5308	0.6785	0.3560
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6765	0.0539	0.3706	0.5747	0.2845
harth10%	0.7243	0.0460	0.4297	0.6348	0.2713
hayes-roth	0.5625	0.2917	0.4816	0.2866	0.3590
hcc-survival	0.5294	0.4706	0.4923	-0.0149	0.9858
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7487	0.4850	0.7305
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8433	0.1567	0.8443	0.6868	0.5690
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6500	0.3500	0.6472	0.2895	0.8714
higgs1%	0.6664	0.3336	0.6639	0.3230	0.8534
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0000	0.2500	0.0000	-0.1011	0.4508
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8786	0.1214	0.7537	0.4434	0.4618
hiva	0.9622	0.0378	0.4904	-0.0045	0.3546
horse	0.6111	0.2593	0.4306	0.3115	0.5040
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.9999	0.0000	0.9999	0.9999	0.0003
ht-sensor10%	0.9988	0.0008	0.9989	0.9982	0.0057
htru2	0.9777	0.0223	0.9307	0.8604	0.2474
hypothyroid	0.9469	0.0265	0.5762	0.6503	0.1704
hypothyroidT	0.9867	0.0133	0.9517	0.8986	0.0509
ilpd	0.7288	0.2712	0.6369	0.2613	0.8145
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.1386	0.0663	0.1709	0.1041	0.5702
jm1	0.8163	0.1837	0.6460	0.2536	0.6918
jvowels	0.5803	0.0933	0.6015	0.5238	0.3352
kc1	0.8626	0.1374	0.6890	0.3408	0.6188
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.2857	0.0595	0.0238	0.0541	0.1667
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8269	0.1731	0.7165	0.4236	0.6904
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.4118	0.0654	0.3524	0.3510	0.4848
krvskp	0.9812	0.0188	0.9812	0.9623	0.1262
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.0882	0.0456	0.0395	0.0673	0.1384
led24	0.1500	0.1700	0.0712	0.0313	0.3604
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.3095	0.0531	0.3394	0.2816	0.4994
leukemia	0.7143	0.1905	0.7738	0.5758	0.3077
leukemia2	0.7143	0.2857	0.7083	0.4167	0.8058
libra	0.1944	0.1074	0.1333	0.1350	0.3109
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0001
liver	0.7647	0.2353	0.7202	0.4357	0.7504
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.7736	0.0453	0.3995	0.6991	0.1456
lung	0.8095	0.0762	0.4847	0.6543	0.1672
lung_discrete	0.1250	0.2500	0.0714	-0.0182	0.2428
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.6870	0.5257	0.1680
lung-cancer-harvard2	0.8889	0.1111	0.7805	0.4545	0.2500
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.3333	0.1481	0.1667	0.1818	0.2103
machine-failure	0.4149	0.5851	0.2932	0.0000	0.5268
madelon	0.5115	0.4885	0.5116	0.0231	0.9929
magic04	0.8727	0.1273	0.8585	0.7155	0.5166
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8021	0.1979	0.8016	0.6031	0.6609
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.7228	0.1848	0.7544	0.5662	0.3782
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.7565	0.2435	0.7503	0.4977	0.7372
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	0.8889	0.0741	0.8730	0.8235	0.1114
meter-C	0.7222	0.1389	0.7148	0.6234	0.2340

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-D	0.7222	0.1389	0.7975	0.6429	0.1903
mfeat-fac	0.5850	0.0830	0.6106	0.5389	0.2970
mfeat-fou	0.2850	0.1430	0.2869	0.2056	0.4786
mfeat-kar	0.2500	0.1500	0.3062	0.1667	0.4754
mfeat-mor	0.4650	0.1070	0.4465	0.4056	0.3287
mfeat-pix	0.4150	0.1170	0.4568	0.3500	0.4299
mfeat-zer	0.3050	0.1390	0.3304	0.2278	0.4462
mice-prot	0.6667	0.0833	0.6897	0.6191	0.2512
milk	0.2358	0.5094	0.1272	0.0000	0.4229
mines	0.4118	0.2353	0.3567	0.2601	0.3691
mobile	0.0175	0.0351	0.0202	-0.0002	0.4482
monks-1	0.8727	0.1273	0.8786	0.7445	0.4437
monks-2	0.8033	0.1967	0.7821	0.5643	0.6813
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9455	0.0545	0.8898	0.7606	0.2251
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.7892	0.2108	0.7810	0.5588	0.6823
MUT_ci300400a_cdk_ECFP6	0.7509	0.2491	0.7405	0.4762	0.7447
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.7806	0.2194	0.7719	0.5388	0.6933
MUT_ci300400a_cdk_FCFP6	0.7806	0.2194	0.7726	0.5441	0.7035
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.8012	0.1988	0.7938	0.5860	0.6638
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.4294	0.1426	0.1946	0.1032	0.3126
naticusdroid	0.9693	0.0307	0.9693	0.9386	0.1846
NCI60	0.5000	0.1667	0.4000	0.4000	0.1569
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7098	0.0306	0.2183	0.4290	0.7127
ncRNA10%	0.7803	0.0231	0.3621	0.5393	0.6804
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6312	0.3688	0.6275	0.2516	0.8943
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9530	0.0470	0.9419	0.8836	0.2746
NPHA-doctor-visits	0.5000	0.3333	0.3046	-0.0165	0.5418
nursery	0.9815	0.0074	0.7692	0.9728	0.0308
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.8889	0.0556	0.8828	0.8415	0.1724
occupancy	0.9927	0.0073	0.9899	0.9796	0.0907
Occupancy_Estimation	0.9901	0.0049	0.9702	0.9701	0.0627
oh0-wc	0.2178	0.1564	0.1400	0.0960	0.4491
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.7368	0.0585	0.6421	0.6637	0.1988
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9133	0.0867	0.6479	0.2374	0.5480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.1250	0.0437	0.0852	0.1026	0.1708
orlraws10P	0.1000	0.1800	0.0500	0.0000	0.2736
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9605	0.0395	0.5970	0.1516	0.5272
ozone8hr	0.9170	0.0830	0.6285	0.2363	0.6272
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9232	0.0307	0.5921	0.6382	0.3944
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.9255	0.0745	0.9069	0.8136	0.3888
particle10%	0.9115	0.0885	0.8902	0.7804	0.4420
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.5515	0.4485	0.5153	0.0288	0.9650
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.8816	0.1184	0.8343	0.6400	0.4189
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.7698	0.0460	0.7783	0.7439	0.2097
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9551	0.0449	0.9528	0.9056	0.2507
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.5704	0.1227	0.5632	0.4968	0.2953
phone-acc1%	0.6992	0.0859	0.6985	0.6473	0.2126
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.5973	0.1151	0.5828	0.5276	0.3096
phone-gyr1%	0.7378	0.0749	0.7328	0.6924	0.2107
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.9074	0.0926	0.8870	0.7738	0.4580
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6974	0.3026	0.6827	0.2883	0.6670
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4615	0.1077	0.1373	0.0312	0.2691
poker10%	0.4964	0.1007	0.1211	0.0982	0.3070
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9459	0.0541	0.5857	0.0614	0.3615
polish-5th	0.9442	0.0558	0.7371	0.4332	0.4586
polya	0.7665	0.2335	0.7362	0.4609	0.7199
popularity	0.6525	0.2317	0.3972	0.1448	0.4483

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.8017	0.0793	0.8170	0.7520	0.2312
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
prestige	0.3333	0.4444	0.1667	0.0000	0.4024
primary-tumor	0.0000	0.0909	0.0000	-0.0332	0.3226
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6866	0.3134	0.6177	0.2265	0.8575
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.7143	0.2857	0.7292	0.4400	0.7482
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.9629	0.0148	0.9398	0.9503	0.0866
puc-rio10%	0.9149	0.0340	0.8672	0.8857	0.1479
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4957	0.5043	0.4956	-0.0087	1.0000
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4867	0.5133	0.4866	-0.0266	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.0800	0.1415	0.0409	-0.0031	0.4342
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6343	0.3657	0.6144	0.2274	0.9024
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.7512	0.0829	0.7111	0.6964	0.3093
satimageF	0.9876	0.0124	0.9679	0.9359	0.1750
satimageT	0.9222	0.0778	0.7461	0.3636	0.2655
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6176	0.3824	0.6397	0.2353	0.7947
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.9995	0.0005	0.9995	0.9990	0.0049
seeds	0.3333	0.4444	0.1667	0.0000	0.4167
segment	0.8528	0.0421	0.8617	0.8279	0.1655
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.5578	0.0804	0.5824	0.5135	0.2990
sepsis	0.9095	0.0905	0.6570	0.0031	0.2085
shoppers	0.9043	0.0957	0.8030	0.6002	0.5372

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shuttle	0.9972	0.0008	0.5883	0.9923	0.1510
sick	0.9629	0.0371	0.8294	0.6317	0.3152
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9996	0.0004	0.9994	0.9989	0.0090
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.6691	0.1103	0.5140	0.5781	0.2035
sonar	0.5000	0.5000	0.5000	0.0000	1.0000
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9283	0.0717	0.9247	0.8487	0.3417
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.0755	0.0385	0.0333	0.0410	0.2680
splice-EI	0.9117	0.0883	0.8794	0.7425	0.3373
splice-IE	0.8707	0.1293	0.8085	0.5824	0.4605
sport-articles	0.8000	0.2000	0.7834	0.5662	0.6793
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.2667	0.2500	0.0000	0.2500
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.8844	0.0771	0.8577	0.8134	0.2558
steel-b	0.8564	0.1436	0.7698	0.5343	0.6257
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9744	0.0256	0.9601	0.9191	0.1618
steel-o	0.7949	0.2051	0.7727	0.5453	0.6955
steel-p	0.9231	0.0769	0.6783	0.3135	0.5446
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.3348	0.4435	0.1672	0.0000	0.4165
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.2462	0.3015	0.2608	0.0504	0.5250
student-workday	0.5781	0.1688	0.2532	0.2467	0.4670
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7858	0.2142	0.7837	0.5666	0.6898
susy10%	0.7863	0.2137	0.7842	0.5673	0.6877
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5009	0.3000	0.3417
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.8036	0.0357	0.8167	0.7835	0.1581
theorem	0.9836	0.0164	0.9832	0.9662	0.1039
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9684	0.0316	0.9645	0.9288	0.1892
tis	0.2476	0.7524	0.1984	0.0000	0.4400

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.4706	0.2647	0.4839	0.3077	0.2801
toxicity	0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f	0.7647	0.2353	0.7536	0.3929	0.4155
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.5547	0.1085	0.8742
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.1613	0.2396	0.0471	0.0237	0.3616
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.5500	0.2250	0.6270	0.4000	0.3561
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9714	0.0286	0.7031	0.2676	0.2532
ur3_cobotops_stop	0.9646	0.0354	0.6746	0.3009	0.4743
urban	0.5075	0.1095	0.4630	0.4345	0.3523
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.6905	0.1548	0.6687	0.5761	0.3273
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.3232	0.1230	0.2990	0.2556	0.3817
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.1500	0.0654	0.3244
warppie10p	0.5238	0.0952	0.4977	0.4670	0.1831
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.7399	0.0743	0.7528	0.6967	0.2280
watch-acc10%	0.8595	0.0401	0.8647	0.8360	0.1475
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.6906	0.0884	0.6985	0.6394	0.2384
watch-gyr10%	0.8638	0.0389	0.8690	0.8411	0.1354
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.6940	0.2040	0.7133	0.5401	0.4922
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8667	0.0889	0.7924	0.7600	0.3430
Weekly	0.4444	0.5556	0.3077	0.0000	0.5302
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.1667	0.4167	0.0714	-0.3636	0.3581
wifi-loc	0.9850	0.0075	0.9854	0.9800	0.0287
wilt	0.9896	0.0104	0.9429	0.8835	0.1561
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5220	0.1593	0.2634	0.2396	0.4200
winequality-white	0.4376	0.1607	0.2477	0.1998	0.3979
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9810	0.0054	0.9422	0.9759	0.0502
wisc_bc	0.3684	0.6316	0.2692	0.0000	0.5148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yale	0.0625	0.1250	0.0267	-0.0084	0.2805
yeast	0.5135	0.0973	0.3273	0.3620	0.3551
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.5376	0.0925	0.5579	0.4824	0.3847

Table 389: Detailed results for OWNN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1831	0.0778	0.1306	0.0941	0.5606
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9822	0.0178	0.6497	0.2334	0.4205
accident	0.4000	0.6000	0.3902	-0.2000	1.0000
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8476	0.1524	0.7111	0.2350	0.3025
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8687	0.0875	0.3099	-0.0166	0.3138
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.6098	0.2105	0.8520
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8028	0.1972	0.6959	0.3361	0.6303
air_pollution	0.3700	0.1800	0.1295	-0.0011	0.6497
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7905	0.0838	0.3579	0.4492	0.1850
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7442	0.2558	0.7055	0.3873	0.7353
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9847	0.0076	0.9499	0.9707	0.0348
anuran-genus	0.9791	0.0052	0.9314	0.9656	0.0537
anuran-species	0.9833	0.0033	0.9730	0.9768	0.0494
anxiety	0.1167	0.1963	0.1139	0.0063	0.8310
apple-quality	0.9000	0.1000	0.9001	0.8000	0.4313
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.6222	0.0756	0.3084	0.2089	0.2245
auction	0.9167	0.0833	0.7901	0.4802	0.2031

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.5000	0.0909	0.3256	0.3615	0.2209
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.8621	0.1379	0.8776	0.7264	0.3750
autos	0.7000	0.1200	0.6844	0.5987	0.2763
avila	0.6871	0.0521	0.7295	0.5587	0.2852
babies	0.3629	0.1820	0.1371	0.0130	0.5553
balance	0.9194	0.0538	0.6337	0.8483	0.1304
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8733	0.1267	0.8634	0.7091	0.4285
basehock	0.7236	0.2764	0.7572	0.4459	0.5853
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8571	0.1429	0.8494	0.6986	0.5580
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6328	0.1836	0.6421	0.5104	0.4818
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.6786	0.3214	0.5596	0.1127	0.8846
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.8000	0.0667	0.7560	0.7143	0.1584
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4630	0.3580	0.3211	0.0122	0.6230
car	0.9598	0.0201	0.9436	0.9160	0.1671
card	0.8551	0.1449	0.8530	0.6939	0.4995
cardiotocography	0.7559	0.0488	0.7359	0.7035	0.2356
cardiotocography-nsp	0.9202	0.0532	0.8405	0.7668	0.2652
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9949	0.0034	0.9949	0.9924	0.0205
cars	0.8000	0.1333	0.7000	0.6121	0.3571
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.7846	0.2154	0.7833	0.5667	0.6938
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.7865	0.2135	0.7847	0.5690	0.6893
cas_N6512_RDkit_MACCS_FP	0.7715	0.2285	0.7720	0.5427	0.7120
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8031	0.1969	0.7931	0.5826	0.6673
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.6204	0.1732	0.4871
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9186	0.0814	0.4788	-0.0203	0.5749
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S	0.9070	0.0930	0.6230	0.1691	0.5280
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8370	0.1630	0.7162	0.4086	0.6486
churn-bigml	0.8989	0.1011	0.7736	0.4315	0.2326
ci900367j_MACCS	0.6526	0.3474	0.6416	0.2815	0.8714
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6667	0.2222	0.4397	0.3163	0.4597
cjs	0.9250	0.0250	0.9131	0.9086	0.1089
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8111	0.0944	0.6517	0.6962	0.2974
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7013	0.4286	0.3779
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5238	0.3175	0.5066	0.2527	0.7226
cnae-9	0.7500	0.0556	0.7722	0.7188	0.2327
codon_usage	0.9240	0.0138	0.7884	0.9077	0.1282
coil20	0.9861	0.0014	0.9866	0.9854	0.0097
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.5400	0.0613	0.5035	0.4914	0.2152
colon-tumor	0.6667	0.3333	0.6250	0.2500	0.8750
colposcopies-1	0.6552	0.3448	0.5679	0.1104	0.8482
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.6207	0.3793	0.5884	0.1448	0.8434
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.7419	0.1720	0.6847	0.5804	0.4082
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.6490	0.3510	0.6619	0.2953	0.8081
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.9585	0.0138	0.8820	0.9158	0.1483
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.3750	0.0312	0.2702	0.3587	0.0898
cybersecurity	0.1767	0.2744	0.1775	0.0118	0.8769
cyclopentane	0.6296	0.3704	0.6201	0.2373	0.9000
cylinder-bands	0.8148	0.1852	0.8094	0.6170	0.6347
darwin	0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8704	0.1296	0.7135	0.3596	0.5216
dementia	0.9600	0.0400	0.9613	0.9196	0.1761
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.5828	0.0525	0.4903
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3492	0.1111	0.5070
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.4375	0.3750	0.3422	0.1000	0.5771
DIA	0.8833	0.1167	0.8364	0.6500	0.4374
diabetes	0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%	0.5196	0.3203	0.3189	0.0351	0.5882
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9500	0.0250	0.9353	0.9304	0.0754
diamonds_all	0.5519	0.1792	0.5497	0.3269	0.4149
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.3750	0.6250	0.3206	-0.3433	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7427	0.1716	0.6701	0.5505	0.4365
drug-01	0.3511	0.1854	0.1428	0.0073	0.5612
drug-02	0.5213	0.1368	0.2708	0.1654	0.4984
drug-03	0.6915	0.0881	0.1812	0.1525	0.3566
drug-04	0.5372	0.1322	0.3001	0.1820	0.5636
drug-05	0.7287	0.0775	0.1493	0.0149	0.2444
drug-06	0.4149	0.1672	0.2723	0.2627	0.5569
drug-07	0.4096	0.1687	0.1518	0.0282	0.4491
drug-08	0.5479	0.1292	0.2244	0.1652	0.4456
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5745	0.1216	0.1701	0.1811	0.4455
drug-11	0.8351	0.0471	0.1300	-0.0189	0.3337
drug-12	0.7819	0.0623	0.1254	-0.0139	0.2518
drug-13	0.5851	0.1185	0.2055	0.2207	0.4334
drug-14	0.5798	0.1201	0.2684	0.2649	0.5107
drug-15	0.7500	0.0714	0.1437	0.0433	0.2911
drug-16	0.5904	0.1170	0.2843	0.3088	0.4637
drug-17	0.3511	0.1854	0.1832	0.1131	0.6846

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7500	0.0714	0.1614	0.0176	0.3387
drybean	0.9309	0.0197	0.9429	0.9165	0.1158
ecoli	0.8529	0.0490	0.7174	0.7942	0.1400
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.1900	0.4050	0.1901	-0.0801	0.8916
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.3435	0.0821	0.3512	0.2697	0.6147
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6575	0.1370	0.6348	0.5551	0.3791
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4925	0.5075	0.4927	-0.0146	1.0000
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.5650	0.0512	0.4688	0.5094	0.3793
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4902	0.5098	0.4852	-0.0295	1.0000
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.9942	0.0019	0.9944	0.9930	0.0148
gastrointestinal	0.6875	0.2083	0.6333	0.4872	0.5512
gender	0.5811	0.2793	0.3915	0.1288	0.6652
gene	0.8328	0.1115	0.8335	0.7404	0.3759
german	0.6900	0.3100	0.6355	0.1711	0.6560
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.5101	0.4899	0.3378	0.0000	0.5269
glass	0.7619	0.0794	0.5971	0.6512	0.1954
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8571	0.1429	0.8531	0.7061	0.5505
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.6000	0.2000	0.6282	0.4444	0.4655
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.8000	0.2000	0.7173	0.3919	0.6386
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.9924	0.0031	0.9916	0.9903	0.0215
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.9128	0.0249	0.5387	0.8717	0.1411
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth1%	0.4493	0.0918	0.0517	0.0000	0.2692
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.3750	0.4167	0.4406	-0.0390	0.5671
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack	0.9032	0.0968	0.9038	0.8058	0.4189
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9740	0.0260	0.9698	0.9387	0.1422
heart-quantum	0.8200	0.1800	0.8266	0.6400	0.5915
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6118	0.3882	0.6080	0.2140	0.9153
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.1141	0.0375	0.3361
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.7188	0.2812	0.7183	0.4286	0.7778
hiv1-proteasa	0.8836	0.1164	0.7737	0.5353	0.5712
hiva	0.9598	0.0402	0.4897	-0.0084	0.4680
horse	0.6389	0.2407	0.5908	0.3128	0.4454
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8561	0.1439	0.5308	0.0216	0.5415
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.9782	0.0218	0.9318	0.8611	0.2113
hypothyroid	0.9390	0.0305	0.5536	0.5206	0.1691
hypothyroidT	0.9496	0.0504	0.7956	0.4928	0.1391
ilpd	0.6610	0.3390	0.4990	-0.0017	0.8940
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere	0.8286	0.1714	0.7932	0.5588	0.5565
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9600	0.0400	0.9613	0.9196	0.1967
jm1	0.8044	0.1956	0.6335	0.2481	0.7452
jvowels	0.9910	0.0020	0.9907	0.9898	0.0176
kc1	0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8654	0.1346	0.7919	0.5826	0.6119
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.8494	0.1004	0.7986	0.7517	0.2581
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.7369	0.0292	0.6968	0.7055	0.2997
krvskp	0.9749	0.0251	0.9750	0.9498	0.1553
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6471	0.0307	0.5761	0.6281	0.0948
led24	0.6000	0.0889	0.6326	0.5429	0.2246
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9560	0.0034	0.9557	0.9542	0.0507
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
libra	0.8611	0.0185	0.8528	0.8506	0.0538
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7647	0.2353	0.7455	0.4868	0.7356
loan	0.9040	0.0960	0.8972	0.7938	0.4272
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.0316	0.1761	0.0056	0.0000	0.3472
lrs	0.8491	0.0431	0.6268	0.7903	0.1170
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5846	0.4154	0.5848	0.1692	0.9409
magic04	0.8474	0.1526	0.8292	0.6474	0.5426
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8430	0.6859	0.5749
marketing	0.8661	0.1339	0.6667	0.2640	0.5692
maternal	0.7822	0.1452	0.7849	0.6673	0.4326
math	0.7250	0.1375	0.5721	0.5501	0.2805
mba	0.8274	0.1151	0.4085	0.1930	0.3825
mental-disorders	0.6667	0.1667	0.6769	0.5556	0.2652
mental-health	0.2067	0.3173	0.2092	0.0082	0.8693
messidor	0.5565	0.4435	0.5542	0.1080	0.9579
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.8683	0.7682	0.2198
meter-D	0.8333	0.0833	0.8282	0.7652	0.2014
mfeat-fac	0.9650	0.0070	0.9665	0.9611	0.0405
mfeat-fou	0.8350	0.0330	0.8384	0.8167	0.1262
mfeat-kar	0.9550	0.0090	0.9561	0.9500	0.0561
mfeat-mor	0.7100	0.0580	0.7177	0.6778	0.1989
mfeat-pix	0.9800	0.0040	0.9811	0.9778	0.0247
mfeat-zer	0.8350	0.0330	0.8376	0.8167	0.0921
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.4816	0.4074	0.4190
mobile	0.7308	0.0096	0.7613	0.7259	0.1140
monks-1	0.7818	0.2182	0.7842	0.5623	0.6791
monks-2	0.8361	0.1639	0.8143	0.6105	0.5504
monks-3	0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
musk	0.9545	0.0455	0.9089	0.8092	0.2456
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.7782	0.2218	0.7737	0.5470	0.7079
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.8263	0.1737	0.8211	0.6421	0.6186
MUT_ci300400a_rdkit_descriptors	0.8409	0.1591	0.8365	0.6717	0.5809
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9673	0.0327	0.9673	0.9345	0.1936
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.9427	0.0573	0.8863	0.7612	0.3029
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.4314	0.0940	0.5946
nursery	0.9691	0.0154	0.9014	0.9545	0.0800
obesity	0.8483	0.0433	0.8417	0.8229	0.1689
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9937	0.0063	0.9912	0.9823	0.0783
Occupancy_Estimation	0.9901	0.0049	0.9695	0.9701	0.0611
oh0-wc	0.4455	0.1109	0.2861	0.3448	0.3566
oh10-wc	0.3429	0.1314	0.3225	0.2485	0.4601
oh15-wc	0.2500	0.1500	0.1971	0.0952	0.3665
oh5-wc	0.0549	0.1890	0.0104	0.0000	0.4076
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.8923	0.1077	0.6343	0.2657	0.6813
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9751	0.0050	0.9768	0.9723	0.0346
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9091	0.0909	0.5308	0.0456	0.6418
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8113	0.6225	0.6300
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9286	0.0714	0.9300	0.8573	0.3285
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.7201	0.8719	0.1486
parkinson	0.9417	0.0583	0.9408	0.8804	0.3027
parkinsons	0.6825	0.3175	0.6476	0.2855	0.8442
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7192	0.2808	0.4183	0.0000	0.4269
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia	0.7353	0.0756	0.6799	0.6667	0.1844
pendigits	0.9936	0.0013	0.9936	0.9929	0.0116
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7755	0.2245	0.7547	0.4894	0.6742
personalities	0.0628	0.1171	0.0074	0.0000	0.4134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pet-adoption	0.8050	0.1950	0.7757	0.5504	0.6811
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%	0.7282	0.0777	0.7118	0.6821	0.3050
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%	0.7660	0.0669	0.7510	0.7259	0.2896
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.9148	0.0852	0.8926	0.7816	0.3934
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7105	0.2895	0.6923	0.3323	0.7052
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.7850	0.2150	0.7775	0.5533	0.6936
plant-growth	0.7895	0.2105	0.7889	0.5778	0.6844
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5015	0.1424	0.1797	0.0648	0.3369
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.6198	0.1439	0.4563
polya	0.7578	0.2422	0.7326	0.4645	0.7555
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7230	0.4412	0.7804
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3939	0.0932	0.3033	0.3327	0.2837
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6269	0.3731	0.5519	0.1019	0.9239
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9813	0.0075	0.9698	0.9749	0.0530
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc	0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc	0.4157	0.0467	0.1923	0.2799	0.3274
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9857	0.0143	0.9856	0.9711	0.0986
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6241	0.3759	0.6128	0.2256	0.9075
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.9191	0.0270	0.9107	0.9003	0.1394
satimageF	0.9891	0.0109	0.9721	0.9442	0.1683

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimageT	0.9518	0.0482	0.8631	0.7253	0.4328
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	0.9630	0.0370	0.9635	0.9244	0.1598
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9524	0.0136	0.9566	0.9443	0.0664
segmentation	0.8614	0.1386	0.8481	0.6960	0.5520
segmentO	0.9913	0.0087	0.9828	0.9655	0.1114
seismic	0.9302	0.0698	0.5751	0.0819	0.4920
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sens-10-gram	0.8583	0.1417	0.5797	0.1077	0.6336
sens-2-gram	0.8789	0.1211	0.6599	0.2182	0.4991
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8605	0.1395	0.5807	0.1104	0.6333
sens-6-gram	0.8711	0.1289	0.6226	0.1567	0.5469
sens-7-gram	0.8421	0.1579	0.5443	0.0732	0.7331
sens-8-gram	0.8447	0.1553	0.5766	0.1377	0.7323
sens-9-gram	0.8632	0.1368	0.6105	0.1780	0.6520
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.0003	0.2856	0.0001	0.0000	0.1743
sick	0.9496	0.0504	0.7541	0.4634	0.4163
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.8720	0.1280	0.8746	0.7431	0.4786
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2133	0.3147	0.2140	0.0168	0.8583
solar-flare	0.7554	0.0815	0.6089	0.6858	0.2219
sonar	0.7500	0.2500	0.7622	0.5000	0.6793
soybean	0.9559	0.0046	0.9565	0.9515	0.0237
spam-detection	0.9510	0.0490	0.8479	0.6948	0.4550
spambase	0.9109	0.0891	0.9063	0.8117	0.3975
spect	0.7037	0.2963	0.6196	0.2340	0.8108
spectf	0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer	0.4423	0.0413	0.3175	0.4086	0.1964
splice-EI	0.9180	0.0820	0.8970	0.7913	0.4440
splice-IE	0.8991	0.1009	0.8559	0.7099	0.4891
sport-articles	0.8600	0.1400	0.8478	0.6893	0.5224
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.8280	0.1720	0.8075	0.6082	0.6059
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8615	0.1385	0.7797	0.5552	0.6149
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9744	0.0256	0.9604	0.9206	0.1989
steel-o	0.8103	0.1897	0.7849	0.5629	0.6475
steel-p	0.9282	0.0718	0.6988	0.3338	0.4755
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9226	0.8401	0.3898
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8403	0.1597	0.6747	0.2122	0.4634

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8060	0.1940	0.8032	0.6049	0.6508
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5800	0.1680	0.3274	0.3191	0.4924
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3100	0.2760	0.1670	-0.0670	0.6134
student-weekend	0.3231	0.2708	0.2307	0.0195	0.6265
student-workday	0.7031	0.1187	0.2116	0.0753	0.2895
studentap	0.5385	0.3077	0.5166	0.2778	0.5827
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.4000	0.4000	0.4147	0.1000	0.7073
telco-churn	0.8906	0.1094	0.8541	0.6986	0.4574
texture	0.9745	0.0046	0.9760	0.9719	0.0348
theorem	0.9787	0.0213	0.9785	0.9565	0.1419
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.7591	0.2409	0.7101	0.4121	0.7548
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.5597	0.0893	0.8324
toxicity-13f	0.8235	0.1765	0.8020	0.5984	0.6209
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.6800	0.3200	0.5257	0.0506	0.8893
trec11-wc	0.5854	0.0921	0.4723	0.4572	0.3385
trec12-wc	0.5484	0.1129	0.5251	0.4229	0.2996
trec21-wc	0.7273	0.1091	0.2895	0.1490	0.2108
trec23-wc	0.5714	0.1429	0.3266	0.3127	0.3469
trec31-wc	0.6344	0.1219	0.5720	0.4993	0.3168
trec41-wc	0.4886	0.1023	0.3051	0.3151	0.3057
trec45-wc	0.3478	0.1304	0.3200	0.1689	0.3224
tuandromd	0.9843	0.0157	0.9758	0.9515	0.1548
turkish	0.7750	0.1125	0.7902	0.7000	0.2098
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.8923	0.1077	0.8868	0.7562	0.3538
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9728	0.0272	0.7421	0.4607	0.4539
ur3_cobotops_stop	0.9673	0.0327	0.7196	0.4132	0.4806
urban	0.7761	0.0498	0.7577	0.7367	0.1928
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7500	0.1250	0.6976	0.6581	0.2924
vehicleVAN	0.9643	0.0357	0.9533	0.9062	0.2616
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.9767	0.0233	0.9773	0.9535	0.1262
vowel	0.5960	0.0735	0.6508	0.5556	0.2064
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.8173	0.0522	0.8141	0.7862	0.2346

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2400	0.3800	0.2381	-0.0145	0.8712
waveform	0.7860	0.1427	0.7867	0.6788	0.4475
web-phishing	0.8370	0.1086	0.7097	0.7045	0.4376
Weekly	0.9352	0.0648	0.9343	0.8685	0.3200
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	1.0000	0.0000	1.0000	1.0000	0.0000
wilt	0.9834	0.0166	0.9055	0.8011	0.1818
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6226	0.1258	0.2893	0.3842	0.3951
winequality-white	0.5992	0.1145	0.3269	0.3891	0.4094
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.6875	0.0417	0.6732	0.6667	0.0602
yeast	0.5541	0.0991	0.4521	0.4222	0.3881
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9527	0.0473	0.6386	0.2055	0.4689
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 390: Detailed results for PAC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1349	0.0824	0.0957	0.0772	0.5023
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9787	0.0213	0.9548	0.9055	0.0778
adult	0.8413	0.1587	0.7588	0.4859	0.5776
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8545	0.1455	0.7898	0.5692	0.5881
air_pollution	0.1167	0.2524	0.1887	-0.0061	0.7114
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8752	0.1248	0.8726	0.7445	0.4981
alcohol	0.7143	0.1143	0.2327	0.2199	0.2190
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8512	0.1488	0.8372	0.6744	0.5789
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9360	0.0320	0.6830	0.8757	0.1567
anuran-genus	0.9458	0.0136	0.8718	0.9097	0.1362
anuran-species	0.9542	0.0092	0.8998	0.9359	0.0835
anxiety	0.1250	0.1944	0.0943	0.0114	0.6490
apple-quality	0.7100	0.2900	0.7118	0.4200	0.7984
aps-failure	0.9830	0.0170	0.6681	0.1537	0.1949
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9935	0.0065	0.7360	0.3508	0.1755
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.7111	0.0578	0.3708	0.4725	0.1773
auction	0.8480	0.1520	0.6291	0.2556	0.7285
audiology	0.8636	0.0248	0.8521	0.8370	0.0735
audit-risk	0.9872	0.0128	0.9869	0.9734	0.0949
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9714	0.0286	0.9640	0.9253	0.1096
autism-child	0.8276	0.1724	0.8505	0.6588	0.4125
autos	0.5000	0.2000	0.4145	0.2958	0.3262
avila	0.5338	0.0777	0.3061	0.3283	0.3876
babies	0.4194	0.1659	0.1359	0.0714	0.4047
balance	0.9032	0.0645	0.8110	0.8201	0.1846
bank	0.9099	0.0901	0.7355	0.4431	0.5402
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9032	0.0968	0.8950	0.7826	0.3835
basehock	0.9548	0.0452	0.9550	0.9096	0.2432
bio	0.9968	0.0032	0.9022	0.7875	0.0763
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8476	0.1524	0.8369	0.6640	0.5381
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5537	0.2231	0.5356	0.4050	0.4954
bookings	0.9827	0.0115	0.6570	0.9633	0.0471
brain-tumor	0.5140	0.4860	0.5139	0.0277	0.9901
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.7738	0.7800	0.0411
bridges	0.8000	0.0667	0.6525	0.6970	0.0841
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4910	0.3393	0.3702	-0.0017	0.3963
car	0.8161	0.0920	0.5627	0.6348	0.3381
car-insurance	0.8340	0.1660	0.7999	0.5935	0.6103
card	0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography	0.7653	0.0469	0.6730	0.7139	0.2175
cardiotocography-nsp	0.8779	0.0814	0.7725	0.6606	0.3902
cardiovascular	0.7189	0.2811	0.7231	0.4377	0.7732
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6372	0.5078	0.4587
cas_N6512_cdk_ECFP2	0.7496	0.2504	0.7478	0.4955	0.7519
cas_N6512_rdkit_ATOMPAIR	0.7354	0.2646	0.7339	0.4679	0.7732
cas_N6512_RDkit_AtomPair_FP	0.7531	0.2469	0.7510	0.4993	0.7401
cas_N6512_rdkit_AVALON	0.7880	0.2120	0.7879	0.5751	0.6855
cas_N6512_RDkit_Avalon_FP	0.8006	0.1994	0.7999	0.5996	0.6640
cas_N6512_rdkit_descriptors	0.7338	0.2662	0.7314	0.4616	0.7734
cas_N6512_rdkit_FEATMORGAN	0.7419	0.2581	0.7397	0.4789	0.7630
cas_N6512_RDkit_Featmorgan_FP	0.7730	0.2270	0.7719	0.5438	0.7137
cas_N6512_RDkit_FP	0.7362	0.2638	0.7340	0.4675	0.7715
cas_N6512_rdkit_LAYERED	0.7708	0.2292	0.7700	0.5398	0.7169
cas_N6512_RDkit_Layered_FP	0.7623	0.2377	0.7606	0.5212	0.7317

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7711	0.2289	0.7692	0.5359	0.7106
cas_N6512_RDkit_MACCS_FP	0.7669	0.2331	0.7649	0.5288	0.7218
cas_N6512_rdkit_MORGAN	0.7969	0.2031	0.7956	0.5883	0.6624
cas_N6512_RDkit_morgan_FP	0.7899	0.2101	0.7888	0.5776	0.6843
cas_N6512_rdkit_PATTERN	0.7846	0.2154	0.7836	0.5671	0.6936
cas_N6512_RDkit_pattern_FP	0.7883	0.2117	0.7872	0.5744	0.6871
cas_N6512_rdkit_RDKITFP	0.7650	0.2350	0.7633	0.5265	0.7271
cas_N6512_rdkit_TORSION	0.7369	0.2631	0.7354	0.4708	0.7710
ccds	0.9633	0.0367	0.7093	0.3960	0.5058
ccds1%	0.9643	0.0357	0.6933	0.1289	0.1053
ccds10%	0.9649	0.0351	0.6812	0.2611	0.3610
cdc_diabetes	0.8424	0.1050	0.3889	0.0018	0.1756
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.7956	0.5913	0.6594
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8209	0.6148	0.3141
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9967	0.0033	0.4992	-0.0013	0.5230
census	0.9375	0.0624	0.6668	0.0422	0.1654
census10%	0.9512	0.0488	0.7311	0.4084	0.4240
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.7002	0.1499	0.5420	0.5340	0.2288
chrom19	0.9995	0.0005	0.8812	0.7617	0.3982
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9990	0.0010	0.7952	0.5849	0.5115
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6526	0.3474	0.6181	0.2329	0.8874
circles	0.1020	0.0180	0.0701	0.0929	0.2579
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7741	0.1130	0.5493	0.6326	0.3658
climate	0.9815	0.0185	0.9429	0.8789	0.3522
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.8800	0.1200	0.6001	0.1892	0.6967
cmc	0.4898	0.3401	0.4548	0.1598	0.7037
cnae-9	0.9537	0.0103	0.9560	0.9479	0.0523
codon_usage	0.8503	0.0272	0.6729	0.8177	0.2582
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.5000	0.0667	0.3795	0.4425	0.2316
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6207	0.3793	0.6141	0.2276	0.9066
colposcopies-4	0.6207	0.3793	0.5770	0.1493	0.8677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.5110	0.4890	0.5066	0.0128	0.9866
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7668	0.2332	0.7675	0.5339	0.7199
coupon	0.6948	0.3052	0.6881	0.3761	0.8314
covid19	0.5293	0.1345	0.2100	0.1491	0.3741
covtype	0.7092	0.0831	0.4777	0.5218	0.3782
covtype10%	0.6904	0.0885	0.4295	0.4986	0.3585
covtypeCD	0.9428	0.0572	0.8694	0.7226	0.3106
covtypeT	0.9460	0.0540	0.7506	0.4647	0.4496
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9992	0.0008	0.8876	0.7751	0.3565
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8719	0.0427	0.6444	0.7279	0.2766
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.3125	0.0430	0.2581	0.2903	0.1469
customer-churn	0.9784	0.0216	0.5645	0.0488	0.3360
cybersecurity	0.1600	0.2800	0.0859	-0.0031	0.5045
cyclopentane	0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands	0.4259	0.5741	0.4774	-0.0097	0.6816
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0994	0.1801	0.0943	-0.0017	0.7165
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8147	0.1853	0.6859	0.2959	0.5889
defect	0.8765	0.1235	0.7335	0.3637	0.4072
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8839	0.1161	0.7419	0.4810	0.6503
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.6167	0.3833	0.6200	0.2333	0.8952
df_final	0.7500	0.1667	0.7616	0.6098	0.2841
DIA	0.7667	0.2333	0.6645	0.0968	0.3895
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9383	0.0617	0.7685	0.4087	0.1611
diabetes-risk	0.8537	0.1463	0.7528	0.4833	0.5977
diabetic	0.5683	0.2878	0.3686	0.1014	0.4579
diabetic1%	0.6176	0.2549	0.5468	0.2320	0.4377
diabetic10%	0.5629	0.2914	0.3607	0.0857	0.4537
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9333	0.0333	0.9080	0.9077	0.1233
diamonds_all	0.5302	0.1879	0.3726	0.2954	0.5336
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5833	0.4167	0.5845	0.1667	0.9267
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9304	0.0696	0.7608	0.4682	0.4114
dota2	0.6017	0.3983	0.5982	0.1921	0.9187
dota210%	0.5728	0.4272	0.5682	0.1246	0.9163
drebin	0.9754	0.0246	0.9736	0.9472	0.1629
dropout	0.7675	0.1550	0.6006	0.5911	0.3476
drug-01	0.3883	0.1748	0.1919	0.0744	0.6285
drug-02	0.4947	0.1444	0.1545	0.0846	0.5963
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-04	0.5160	0.1383	0.1692	0.0998	0.5324
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.3219	0.2795	0.4451
drug-07	0.4734	0.1755	0.2169	0.0967	0.3500
drug-08	0.5691	0.1231	0.2120	0.1352	0.3831
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5479	0.1292	0.1760	0.1355	0.4847
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6117	0.1109	0.1747	0.1927	0.3995
drug-14	0.5904	0.1170	0.2396	0.1939	0.4217
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5691	0.1436	0.2491	0.2155	0.4084
drug-17	0.3191	0.1945	0.1962	0.0795	0.7257
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9111	0.0254	0.9281	0.8926	0.1375
ecoli	0.8529	0.0490	0.7162	0.7962	0.1645
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2568	0.0234	0.7136
eeg	0.2793	0.0901	0.3188	0.2109	0.7204
eeg-eye	0.6095	0.3905	0.6101	0.1574	0.7652
eeg10%	0.2775	0.0903	0.3119	0.2058	0.7052
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.9462	0.0538	0.8695	0.7308	0.4993
exon.vs.intron-freq	0.8967	0.1033	0.8986	0.7939	0.4269
exon.vs.intron-freq10%	0.8944	0.1056	0.8967	0.7893	0.4298
fakenews	0.5175	0.4825	0.5168	0.0327	0.9812
farm-ads	0.9058	0.0942	0.9054	0.8103	0.4124
fbis-wc	0.8659	0.0158	0.8397	0.8473	0.0989
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8824	0.1176	0.8844	0.7587	0.4271
financial-risk	0.7385	0.0872	0.4727	0.5517	0.2985
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.5500	0.1286	0.4859	0.4444	0.3029
fonts	0.3589	0.0084	0.1336	0.3263	1.0000
fonts10%	0.3392	0.0086	0.0899	0.3068	0.8308
forest	0.9231	0.0385	0.9071	0.8932	0.0993
gas	0.9806	0.0065	0.9798	0.9765	0.0446
gastrointestinal	0.3125	0.4583	0.1587	0.0000	0.3907
gender	0.5916	0.2723	0.3460	0.0216	0.3877
gene	0.9054	0.0631	0.8949	0.8494	0.2659
german	0.7200	0.2800	0.6750	0.2802	0.6783
gestures	0.3125	0.3438	0.3100	0.0831	0.8208
gina	0.8761	0.1239	0.8761	0.7521	0.4973
gisette	0.9629	0.0371	0.9629	0.9257	0.2136
glass	0.6667	0.1111	0.8079	0.5212	0.1439
glass-g2	0.7500	0.2500	0.8000	0.5294	0.5000
glassBWFP	0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP	0.5714	0.4286	0.4563	-0.0800	0.9698
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.5472	0.3226	0.3027
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.9616	0.0064	0.8718	0.9546	0.0626
har	0.7151	0.1140	0.7044	0.6374	0.4302
har70	0.7667	0.0666	0.3933	0.6208	0.1493
har701%	0.7615	0.0681	0.3879	0.6125	0.1519
har7010%	0.7669	0.0666	0.3936	0.6211	0.1542
harth	0.6434	0.0594	0.2187	0.4869	0.3221
harth1%	0.6454	0.0591	0.2218	0.4893	0.3256
harth10%	0.6503	0.0583	0.2552	0.5110	0.3118
hayes-roth	0.3750	0.4167	0.4172	0.0062	0.6221
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.8480	0.1520	0.8230	0.6460	0.5995
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.8375	0.1625	0.8375	0.6749	0.5884
hepmass1%	0.8364	0.1636	0.8364	0.6728	0.5906
hepmass10%	0.8360	0.1640	0.8360	0.6720	0.5917
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.6421	0.3579	0.6420	0.2667	0.8494
higgs0.1%	0.6573	0.3427	0.6563	0.3002	0.8454
higgs1%	0.6410	0.3590	0.6419	0.2621	0.8399
higgs10%	0.6415	0.3585	0.6417	0.2661	0.8500
higher	0.2857	0.1786	0.1765	0.1195	0.2996
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9376	0.0624	0.8876	0.7748	0.4122
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.5671	0.3198	0.6104
hotel-reservartions	0.3277	0.6723	0.2468	0.0000	0.4971
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.6031	0.2646	0.6081	0.4060	0.6158
ht-sensor10%	0.5926	0.2716	0.5972	0.3911	0.6314
htru2	0.9782	0.0218	0.9318	0.8611	0.2113
hypothyroid	0.9469	0.0265	0.5998	0.6173	0.2229
hypothyroidT	0.9602	0.0398	0.8439	0.6328	0.1174
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9433	0.0283	0.9443	0.9244	0.1064
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.8667	0.0889	0.8500	0.7973	0.2122
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9178	0.0063	0.9199	0.9146	0.0748
jm1	0.8072	0.1928	0.6457	0.0076	0.3447
jvowels	0.9187	0.0181	0.9124	0.9079	0.1216
kc1	0.8578	0.1422	0.6870	0.1444	0.2864

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.7692	0.0923	0.5122	0.4868	0.2637
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.8753	0.0356	0.8775	0.8545	0.2018
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9991	0.0001	0.6417	0.9984	0.0989
kddcup991%	0.9972	0.0004	0.8135	0.9952	0.0194
kddcup9910%	0.9989	0.0001	0.7510	0.9982	0.0823
kepler	0.8609	0.0927	0.8152	0.7701	0.2262
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9000	0.1000	0.8983	0.7922	0.4365
krkopt	0.1861	0.0904	0.1788	0.0976	0.6493
krvskp	0.9561	0.0439	0.9562	0.9121	0.2405
la1s-wc	0.8730	0.0423	0.8523	0.8385	0.1924
la2s-wc	0.8940	0.0353	0.8813	0.8661	0.1706
labor	0.6667	0.3333	0.4000	0.0000	0.4644
leaf	0.7059	0.0256	0.6812	0.6909	0.0910
led24	0.7500	0.0556	0.7718	0.7143	0.1340
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.6305	0.0284	0.6452	0.6158	0.3058
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7222	0.0370	0.6975	0.7010	0.1075
linkage	1.0000	0.0000	0.9992	0.9983	0.0076
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7353	0.2647	0.7051	0.4093	0.7890
loan	0.9321	0.0679	0.9280	0.8560	0.3453
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3780	0.1131	0.0902	0.0913	0.3322
lrs	0.8491	0.0431	0.6325	0.7899	0.1169
lung	0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.5124	0.4815	0.3082
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8904	0.7809	0.4568
madelon	0.5500	0.4500	0.5511	0.1000	0.9587
magic04	0.7780	0.2220	0.7522	0.5031	0.7232
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8181	0.6274	0.6117
marketing	0.2500	0.7500	0.5709	0.0388	0.3432
maternal	0.6238	0.2508	0.6305	0.4178	0.5079
math	0.7250	0.1375	0.4022	0.5397	0.2658
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2167	0.3133	0.1820	0.0122	0.6995
messidor	0.7043	0.2957	0.7119	0.4147	0.7881
meter-A	0.5000	0.5000	0.5333	0.0588	0.9056
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8333	0.0833	0.6673	0.7611	0.1597
mfeat-fac	0.9800	0.0040	0.9802	0.9778	0.0253
mfeat-fou	0.7900	0.0420	0.7845	0.7667	0.1779
mfeat-kar	0.9750	0.0050	0.9756	0.9722	0.0315
mfeat-mor	0.6100	0.0780	0.6110	0.5667	0.2314
mfeat-pix	0.9700	0.0060	0.9714	0.9667	0.0323
mfeat-zer	0.8200	0.0360	0.8223	0.8000	0.1236
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8774	0.0818	0.8846	0.8155	0.2699
mines	0.4706	0.2118	0.4142	0.3341	0.4564
mobile	0.6608	0.0121	0.6794	0.6547	0.1457
monks-1	0.6364	0.3636	0.6441	0.2676	0.8423
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4367	0.1024	0.4534	0.3299	0.5962
musk	0.8924	0.1076	0.7967	0.5932	0.5977
MUT_ci300400a_cdk_ECFP2	0.7974	0.2026	0.7903	0.5797	0.6736
MUT_ci300400a_cdk_ECFP4	0.8084	0.1916	0.8026	0.6052	0.6548
MUT_ci300400a_cdk_ECFP6	0.7629	0.2371	0.7548	0.5091	0.7348
MUT_ci300400a_cdk_ESTATE	0.6990	0.3010	0.7043	0.4009	0.7991
MUT_ci300400a_cdk_EXTENDED	0.8070	0.1930	0.8001	0.5989	0.6539
MUT_ci300400a_cdk_FCFP2	0.7844	0.2156	0.7760	0.5488	0.6913
MUT_ci300400a_cdk_FCFP4	0.7998	0.2002	0.7922	0.5819	0.6638
MUT_ci300400a_cdk_FCFP6	0.7998	0.2002	0.7942	0.5884	0.6712
MUT_ci300400a_cdk_MACCS	0.7458	0.2542	0.7348	0.4624	0.7477
MUT_ci300400a_cdk_PUBCHEM	0.8252	0.1749	0.8189	0.6331	0.6041
MUT_ci300400a_cdk_STANDARD	0.7820	0.2180	0.7740	0.5468	0.7008
MUT_ci300400a_rdkit_descriptors	0.7444	0.2556	0.7514	0.4927	0.7305
myocardial	0.8765	0.0309	0.2785	0.3554	0.1023
naticusdroid	0.9574	0.0426	0.9575	0.9148	0.2344
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA	0.8658	0.0141	0.2112	0.6029	0.3458
ncRNA1%	0.8564	0.0151	0.1800	0.5613	0.2366
ncRNA10%	0.8612	0.0146	0.2246	0.5668	0.2933
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.8687	0.0060	0.8679	0.8644	0.1011
newspop	0.6483	0.3517	0.6467	0.2935	0.8825
NHANES_age_prediction	0.9956	0.0044	0.9919	0.9837	0.0848
nomao	0.9440	0.0560	0.9313	0.8626	0.3237
NPHA-doctor-visits	0.5278	0.3148	0.3416	0.0137	0.4489
nursery	0.9159	0.0421	0.6958	0.8754	0.1258
obesity	0.5829	0.1192	0.6662	0.5153	0.2436
obs	0.8056	0.0972	0.8402	0.7079	0.2529
occupancy	0.9883	0.0117	0.9840	0.9677	0.1315
Occupancy_Estimation	0.9852	0.0074	0.9506	0.9550	0.0532
oh0-wc	0.8416	0.0317	0.8253	0.8180	0.1475
oh10-wc	0.7333	0.0533	0.6712	0.6951	0.2328
oh15-wc	0.7609	0.0478	0.7460	0.7281	0.2308
oh5-wc	0.8571	0.0286	0.8568	0.8385	0.1324
ohscal-wc	0.7957	0.0409	0.7844	0.7712	0.2802
olive	0.9649	0.0078	0.9554	0.9565	0.0249
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9573	0.0085	0.9592	0.9525	0.0629
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6573	0.2258	0.4618
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8608	0.1392	0.8469	0.6934	0.5608
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants	0.9959	0.0041	0.7604	0.5165	0.4628
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9561	0.0175	0.6487	0.7178	0.1245
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8294	0.1706	0.8188	0.6376	0.6200
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.8888	0.1112	0.8575	0.7079	0.4679
particle10%	0.8538	0.1462	0.8194	0.6387	0.6014
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4845	0.5155	0.4773	-0.0451	0.9992
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8246	0.6491	0.5828
pediatric-leukemia	0.8529	0.0420	0.7590	0.8176	0.1103
pendigits	0.9336	0.0133	0.9333	0.9262	0.0989
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8192	0.1808	0.8044	0.6063	0.6334
personalities	0.9128	0.0109	0.9129	0.9070	0.1357
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL	0.9999	0.0001	0.9999	0.9998	0.0013
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.1525	0.2421	0.0378	0.0000	0.4012
phone-acc0.1%	0.1363	0.2468	0.0343	0.0000	0.4039
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1365	0.2467	0.0343	0.0000	0.4038
phone-gyr	0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr0.1%	0.1594	0.2402	0.0393	0.0000	0.3999
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.2036	0.2275	0.2746	0.0737	0.3865
phoneme	0.7759	0.2241	0.7204	0.4405	0.7516
phy	0.5956	0.4044	0.5978	0.1901	0.9165
pima	0.6974	0.3026	0.6719	0.3150	0.7801
pirvision	0.9882	0.0078	0.9766	0.9623	0.0572
placement	0.7970	0.2030	0.7919	0.5837	0.6759
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4990	0.1252	0.1174	-0.0007	0.1996
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9289	0.0711	0.4816	-0.0033	0.3009
polya	0.7816	0.2184	0.7573	0.5124	0.7129

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
popularity	0.6416	0.2389	0.4024	0.2017	0.5332
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.8172	0.0731	0.8172	0.7714	0.2863
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6068	0.2059	0.9040
prestige	0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor	0.3939	0.0932	0.2719	0.3231	0.2794
processed	0.9995	0.0005	0.9994	0.9988	0.0079
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8165	0.0734	0.7473	0.7508	0.2538
puc-rio10%	0.8395	0.0642	0.7612	0.7823	0.2357
pufs-128	0.5005	0.4995	0.5004	0.0009	0.9987
pufs-1281%	0.4893	0.5107	0.4893	-0.0213	1.0000
pufs-12810%	0.5008	0.4992	0.5009	0.0017	0.9919
pufs-64	0.4989	0.5011	0.4989	-0.0022	0.9997
pufs-641%	0.5004	0.4996	0.5004	0.0008	0.9994
pufs-6410%	0.4943	0.5057	0.4943	-0.0114	1.0000
pulsar	0.9777	0.0223	0.9303	0.8534	0.1376
raisin	0.9222	0.0778	0.9232	0.8444	0.3519
rcv11%	0.8481	0.0074	0.5804	0.8307	0.1260
re0-wc	0.8800	0.0185	0.8886	0.8439	0.1849
re1-wc	0.8072	0.0154	0.6456	0.7788	0.1198
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.9157	0.0035	0.5977	0.8842	0.0845
rice	0.9868	0.0132	0.9867	0.9733	0.0932
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6212	0.3788	0.5992	0.1966	0.9150
RT_IOT2022	0.9647	0.0059	0.8498	0.9114	0.0274
satimage	0.8165	0.0612	0.7625	0.7713	0.2334
satimageF	0.9829	0.0171	0.9547	0.9078	0.1457
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.8721	0.1279	0.8729	0.7434	0.5026
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9262	0.9038	0.0848
segmentation	0.8267	0.1733	0.8087	0.6164	0.6280
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8289	0.1711	0.5810	0.1587	0.7589
sens-5-gram	0.8395	0.1605	0.5776	0.1453	0.7458
sens-6-gram	0.8447	0.1553	0.5483	0.0781	0.7235
sens-7-gram	0.8447	0.1553	0.5585	0.0989	0.7273
sens-8-gram	0.8316	0.1684	0.5762	0.1473	0.7577
sens-9-gram	0.8500	0.1500	0.5848	0.1486	0.7156
sensorless	0.6063	0.0716	0.6046	0.5670	0.3668
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8775	0.1225	0.7206	0.3685	0.4936

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shuttle	0.9369	0.0180	0.6276	0.8085	0.4168
sick	0.9655	0.0345	0.8459	0.6799	0.3545
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9295	0.0705	0.9045	0.8020	0.4324
skin10%	0.9334	0.0666	0.9080	0.8109	0.4214
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.7895	0.2105	0.7889	0.5778	0.6844
smoking	0.7450	0.2550	0.7357	0.4681	0.7582
soil_pollution	0.1467	0.3413	0.1228	-0.0748	0.6733
solar-flare	0.7194	0.0935	0.6564	0.6384	0.1915
sonar	0.4000	0.6000	0.3902	-0.2000	1.0000
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9395	0.0605	0.7902	0.5458	0.4029
spambase	0.9130	0.0870	0.9091	0.8147	0.3704
spect	0.8148	0.1852	0.7168	0.4304	0.7152
spectf	0.8286	0.1714	0.7900	0.5800	0.6541
spectrometer	0.2115	0.0584	0.1244	0.1695	0.2679
splice-EI	0.9590	0.0410	0.9488	0.8952	0.2904
splice-IE	0.9085	0.0915	0.8728	0.7456	0.4757
sport-articles	0.8600	0.1400	0.8478	0.6928	0.5387
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.3548	0.6452	0.2619	0.0000	0.5097
steel_industry	0.7112	0.1925	0.6351	0.5225	0.4649
steel-b	0.8256	0.1744	0.7113	0.4118	0.6926
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.7590	0.2410	0.7248	0.3973	0.6417
steel-p	0.9128	0.0872	0.6038	0.1576	0.5801
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9538	0.0462	0.8788	0.7549	0.4647
stellar	0.9134	0.0577	0.9042	0.8417	0.2226
stock	0.9097	0.0903	0.8381	0.6702	0.4796
stockb	0.9736	0.0176	0.9745	0.9604	0.0601
streaming	0.8020	0.1980	0.7999	0.5998	0.6631
stress	0.8730	0.0508	0.8984	0.8411	0.0987
student-lifestyle	0.6150	0.1540	0.3216	0.3562	0.4034
student-depression	0.8358	0.1642	0.8296	0.6563	0.5869
student-habits	0.4000	0.2400	0.1993	0.0351	0.4035
student-weekend	0.3692	0.2523	0.1569	0.0414	0.5271
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.6420	0.3868	0.4512
susy	0.7867	0.2133	0.7882	0.5626	0.6488
susy1%	0.7910	0.2090	0.7920	0.5719	0.6456
susy10%	0.7898	0.2102	0.7905	0.5698	0.6507
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8935	0.1065	0.8584	0.6998	0.4074
texture	0.9945	0.0010	0.9943	0.9940	0.0086
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.6769	0.3239	0.4864
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8968	0.1032	0.8626	0.7252	0.5089

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tis10%	0.7612	0.2388	0.6718	0.3433	0.7893
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.8824	0.0588	0.9083	0.8440	0.0951
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.9024	0.0217	0.7192	0.8783	0.0628
trec12-wc	0.9032	0.0242	0.9196	0.8821	0.0667
trec21-wc	0.9697	0.0121	0.7958	0.9345	0.0286
trec23-wc	0.7619	0.0794	0.7513	0.6769	0.2008
trec31-wc	0.9785	0.0072	0.9672	0.9713	0.0306
trec41-wc	0.8977	0.0205	0.7730	0.8739	0.0983
trec45-wc	0.8406	0.0319	0.7502	0.8139	0.1467
tuandromd	0.9731	0.0269	0.9577	0.9151	0.1965
turkish	0.8000	0.1000	0.7970	0.7333	0.2083
tvnews	0.8923	0.1077	0.8842	0.7684	0.4714
tvnews1%	0.9231	0.0769	0.9169	0.8334	0.3669
tvnews10%	0.8913	0.1087	0.8820	0.7630	0.4627
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8491	0.7907	0.1447
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.9915	0.0085	0.7404	0.4666	0.4489
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7619	0.1190	0.7501	0.6833	0.1914
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.4747	0.0955	0.4611	0.4222	0.2499
vowelZ	0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17	0.9092	0.0908	0.6125	0.0036	0.2193
wap-wc	0.8205	0.0179	0.6206	0.7991	0.1129
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.2844	0.2045	0.3060	0.1765	0.4695
watch-acc1%	0.2352	0.2185	0.1344	0.1187	0.4178
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1523	0.2422	0.0378	0.0000	0.4014
watch-gyr1%	0.2473	0.2150	0.1468	0.1275	0.3807
watch-gyr10%	0.2779	0.2063	0.2116	0.1578	0.4111
water_pollution	0.2467	0.3767	0.0989	0.0000	0.4046
waveform	0.8600	0.0933	0.8601	0.7900	0.3331
weather-related	0.9596	0.0073	0.9592	0.9542	0.0545
web-phishing	0.8000	0.1333	0.5508	0.6227	0.3366
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.3794	0.2483	0.4498	0.2369	0.5985
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9731	0.0269	0.8410	0.6693	0.3467
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5912	0.1363	0.2167	0.3059	0.3169
winequality-white	0.5031	0.1656	0.2677	0.1810	0.3677
winnipeg	0.9875	0.0036	0.9785	0.9842	0.0419
winnipeg10%	0.9880	0.0034	0.9786	0.9849	0.0312
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yale	0.8125	0.0250	0.7467	0.7983	0.0412
yeast	0.4730	0.1171	0.3125	0.3213	0.4545
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.7155	0.4272	0.5783
yeastME1	0.9459	0.0541	0.6689	0.3084	0.5504
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9333	0.0133	0.9270	0.9253	0.1030

Table 391: Detailed results for PAM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1542	0.0806	0.0829	0.0658	0.4696
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7840	0.2160	0.6854	0.1647	0.3750
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7143	0.1143	0.2141	0.1719	0.2066
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6605	0.3395	0.6386	0.0505	0.4712
anneal	0.8090	0.0764	0.3776	0.4596	0.1451
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8025	0.0987	0.5734	0.6439	0.3807
anuran-genus	0.8025	0.0494	0.4569	0.6830	0.2828
anuran-species	0.8944	0.0211	0.7082	0.8512	0.1182
anxiety	0.0750	0.2056	0.0416	-0.0483	0.6595
apple-quality	0.6350	0.3650	0.6353	0.2700	0.8940
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia	0.6667	0.0667	0.5940	0.4735	0.3643
auction	0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.9091	0.0165	0.9380	0.8922	0.0462
audit-risk	0.8462	0.1538	0.8499	0.6561	0.3558
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.5500	0.1800	0.5988	0.4175	0.3987
avila	0.4097	0.0984	0.1038	0.0017	0.3889
babies	0.3952	0.1728	0.1246	0.0284	0.3828
balance	0.8871	0.0753	0.6113	0.7879	0.2115
bank	0.8910	0.1090	0.7163	0.4318	0.6512
banknote	0.8102	0.1898	0.8106	0.6069	0.5995
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8525	0.1475	0.8420	0.6560	0.4488
basehock	0.9497	0.0503	0.9501	0.8995	0.2604
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.7143	0.2857	0.6845	0.3505	0.7831
biomed	0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5164	0.2418	0.5060	0.3552	0.6170
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.8667	0.1333	0.8429	0.6364	0.3064
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
card	0.8551	0.1449	0.8510	0.6968	0.5304
cardiotocography	0.6901	0.0620	0.5802	0.6190	0.2847
cardiotocography-nsp	0.8310	0.1127	0.6497	0.4339	0.4508
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6500	0.2333	0.5017	0.3061	0.6547
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.6062	0.3938	0.6048	0.2095	0.9226
cas_N6512_RDkit_AtomPair_FP	0.6104	0.3896	0.6055	0.2099	0.9192
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.6000	0.4000	0.6009	0.2009	0.9242
cas_N6512_rdkit_FEATMORGAN	0.6836	0.3164	0.6858	0.3690	0.8337
cas_N6512_RDkit_Featmorgan_FP	0.7347	0.2653	0.7395	0.4728	0.7549
cas_N6512_RDkit_FP	0.6304	0.3696	0.6278	0.2555	0.9013
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.6482	0.3518	0.6546	0.3031	0.8621
cas_N6512_RDkit_MACCS_FP	0.6580	0.3420	0.6698	0.3264	0.8321
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.6338	0.3662	0.6392	0.2737	0.8805
cas_N6512_RDkit_pattern_FP	0.6518	0.3482	0.6626	0.3137	0.8431
cas_N6512_rdkit_RDKITFP	0.6237	0.3763	0.6214	0.2428	0.9075
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7306	0.2694	0.7287	0.4467	0.7557
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S	0.9070	0.0930	0.6589	0.2893	0.6085
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	-0.0001	0.2293
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8876	0.1124	0.7444	0.3388	0.2480
ci900367j_MACCS	0.6632	0.3368	0.6462	0.2920	0.8691
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4659	0.3406	0.4071
cjs	0.9214	0.0262	0.9058	0.9042	0.1038
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7639	0.1181	0.4250	0.6074	0.2467
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4694	0.3537	0.4457	0.0865	0.5074
cnae-9	0.9352	0.0144	0.9429	0.9271	0.0682
codon_usage	0.6009	0.0726	0.3929	0.5063	0.3942
coil20	0.9167	0.0083	0.9244	0.9123	0.0499
college	0.9091	0.0909	0.8822	0.7601	0.4164
collins	0.9800	0.0027	0.9249	0.9780	0.0067
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.4955	-0.0063	0.8798
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.8966	0.1034	0.8560	0.6692	0.2534
column-2c	0.7742	0.2258	0.7459	0.3673	0.4011
column-3c	0.7419	0.1720	0.7120	0.5649	0.3534
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7885	0.2115	0.7887	0.5770	0.6843
coupon	0.6420	0.3580	0.6272	0.2476	0.8823
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9021	0.0979	0.7885	0.5767	0.5882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9299	0.0701	0.4818	-0.0005	0.2032
crabs	0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.7779	0.0740	0.4412	0.4075	0.2007
cryotherapy	0.7778	0.2222	0.8000	0.5263	0.4308
cultivars	0.2188	0.0391	0.1750	0.2040	0.1134
cybersecurity	0.1800	0.2733	0.0887	0.0040	0.5238
cyclopentane	0.7037	0.2963	0.7105	0.3684	0.6911
cylinder-bands	0.7037	0.2963	0.7128	0.3425	0.6183
darwin	0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8027	0.1973	0.6581	0.2125	0.5690
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8881	0.1119	0.6416	0.1117	0.3744
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.4798	0.4000	0.3890
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.7885	0.2115	0.7789	0.5573	0.6959
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.7833	0.1083	0.6229	0.6911	0.2192
diamonds_all	0.4974	0.2010	0.3761	0.2309	0.4239
dishonest	0.9062	0.0938	0.8927	0.7624	0.2534
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih	0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5748	0.4252	0.5714	0.1255	0.8977
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.6930	0.2047	0.5167	0.4375	0.3621
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0979	0.0089	0.2924
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.1637	0.2419	0.3586
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5798	0.1201	0.1370	0.0540	0.3257
drug-14	0.5745	0.1216	0.1515	0.0232	0.2589
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5479	0.1292	0.1549	0.1073	0.2951

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-17	0.3936	0.1733	0.1421	0.1393	0.4160
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9037	0.0275	0.9120	0.8834	0.1468
ecoli	0.7647	0.0784	0.5720	0.6557	0.1499
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.6895	0.1779	0.3716
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2500	0.3750	0.2507	-0.0004	0.8609
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5587	0.4413	0.5402	0.0284	0.7010
eeg10%	0.2657	0.0918	0.1954	0.1795	0.5981
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5068	0.1973	0.5168	0.3716	0.5004
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc	0.6220	0.0445	0.6264	0.5734	0.3256
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5686	0.4314	0.5536	0.1010	0.9402
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.8654	0.0673	0.8244	0.8133	0.1958
gas	0.6283	0.1239	0.6527	0.5541	0.3878
gastrointestinal	0.5000	0.3333	0.4299	0.2195	0.4801
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.8391	0.1073	0.8280	0.7262	0.3002
german	0.7000	0.3000	0.6513	0.2042	0.6475
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
glass	0.6190	0.1270	0.5239	0.4510	0.2181
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP	0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.4750	0.2683	0.5559
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.4490	0.2204	0.4309	0.2815	0.6498
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7633	0.0676	0.3881	0.6143	0.1453
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.2500	0.5000	0.1860	-0.2549	0.6546
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure	0.7340	0.2660	0.6854	0.2020	0.4660
heart-quantum	0.8600	0.1400	0.8534	0.7009	0.5176
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6055	0.3945	0.6145	0.1782	0.7935
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1741	0.1139	0.3075
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8600	0.1400	0.7161	0.2731	0.3420
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6667	0.2222	0.6367	0.3983	0.4453
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.4395	0.3737	0.4320	0.1560	0.7748
htru2	0.9637	0.0363	0.8819	0.7380	0.1616
hypothyroid	0.9231	0.0385	0.4017	0.2935	0.1687
hypothyroidT	0.9337	0.0663	0.7163	0.2280	0.1682
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere	0.8000	0.2000	0.7559	0.4990	0.6704
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9600	0.0400	0.9613	0.9196	0.1967
jm1	0.8053	0.1947	0.5815	0.0782	0.5936
jvowels	0.7902	0.0466	0.7799	0.7606	0.2167
kc1	0.8104	0.1896	0.6131	0.2241	0.7681
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9868	0.0020	0.7077	0.9777	0.0931
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.7709	0.1527	0.6917	0.6105	0.2781
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2285	0.0857	0.0602	0.0895	0.3986
krvskp	0.9122	0.0878	0.9126	0.8235	0.3848
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6176	0.0332	0.5743	0.5985	0.1009
led24	0.7000	0.0667	0.7217	0.6581	0.1683
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.5635	0.0336	0.5611	0.5461	0.3652
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
libra	0.6389	0.0481	0.6607	0.6123	0.1498
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6765	0.3235	0.4035	0.0000	0.4580
loan	0.7752	0.2248	0.7673	0.4650	0.5248
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.3750	0.1136	0.1188	0.1039	0.4256
lrs	0.7358	0.0755	0.5630	0.6460	0.2837
lung	0.9048	0.0381	0.9344	0.8359	0.1342
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.5556	0.4444	0.3571	0.0000	0.5164
lymphography	0.7857	0.1429	0.8456	0.6147	0.3285
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9011	0.8021	0.4231
madelon	0.6231	0.3769	0.6231	0.2462	0.9072
magic04	0.7223	0.2777	0.7023	0.2590	0.4853
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8347	0.6671	0.5906
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.5941	0.2706	0.6001	0.3626	0.4597
math	0.8250	0.0875	0.7899	0.7211	0.2203
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.5826	0.4174	0.5863	0.1699	0.9281
meter-A	0.3750	0.6250	0.4248	-0.1111	0.9210
meter-B	0.8889	0.0741	0.8889	0.8302	0.1290
meter-C	0.6667	0.1667	0.7585	0.5385	0.2816
meter-D	0.6111	0.1944	0.4983	0.4350	0.3043
mfeat-fac	0.9000	0.0200	0.9007	0.8889	0.1140
mfeat-fou	0.7100	0.0580	0.7097	0.6778	0.2412
mfeat-kar	0.9300	0.0140	0.9311	0.9222	0.0810
mfeat-mor	0.6850	0.0630	0.6878	0.6500	0.2137
mfeat-pix	0.9300	0.0140	0.9301	0.9222	0.0805
mfeat-zer	0.7400	0.0520	0.7386	0.7111	0.2280
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.6887	0.2075	0.5223	0.4944	0.3837
mines	0.3824	0.2471	0.3002	0.2145	0.4055
mobile	0.7133	0.0102	0.7339	0.7080	0.1231
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.8393	0.1607	0.8490	0.6753	0.4902
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8856	0.1144	0.8931	0.7692	0.3737
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.6643	0.3357	0.6522	0.3040	0.8695
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.6547	0.3453	0.6524	0.3030	0.8679
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.6623	0.3377	0.6616	0.3204	0.8568
MUT_ci300400a_rdkit_descriptors	0.6591	0.3409	0.6532	0.3062	0.8712
myocardial	0.8765	0.0309	0.3353	0.4277	0.2132
naticusdroid	0.9096	0.0904	0.9097	0.8193	0.4036
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8508	0.0157	0.1671	0.5725	0.2735
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
newspop	0.6239	0.3761	0.6201	0.2326	0.8915
NHANES_age_prediction	0.8414	0.1586	0.4569	0.0000	0.3047
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.8573	0.0714	0.6534	0.7882	0.1771
obesity	0.5924	0.1165	0.5792	0.5234	0.3858
obs	0.6481	0.1759	0.6773	0.5012	0.4580
occupancy	0.9528	0.0472	0.9323	0.8633	0.2764
Occupancy_Estimation	0.9526	0.0237	0.8646	0.8486	0.0993
oh0-wc	0.8911	0.0218	0.8985	0.8755	0.1095
oh10-wc	0.7524	0.0495	0.6860	0.7170	0.2145
oh15-wc	0.8478	0.0304	0.8476	0.8271	0.1541
oh5-wc	0.8791	0.0242	0.8930	0.8631	0.1166
olive	0.8947	0.0234	0.8148	0.8686	0.0670
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9093	0.0181	0.9140	0.8991	0.1182
optdigitsZ	0.9893	0.0107	0.9678	0.9353	0.2008
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7577	0.2423	0.7476	0.4885	0.7333
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8625	0.7160	0.5090
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9122	0.0351	0.5226	0.2448	0.2518
parkinson	0.8750	0.1250	0.8700	0.7371	0.4905
parkinsons	0.6540	0.3460	0.6542	0.1064	0.4790
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.7731	0.2269	0.7075	0.2578	0.4263
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	0.9900	0.0100	0.9843	0.9682	0.0455
pd	0.7500	0.2500	0.6843	0.3667	0.7827
pediatric-leukemia	0.7353	0.0756	0.7223	0.6752	0.2582
pendigits	0.8289	0.0342	0.8348	0.8099	0.1824
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7988	0.2012	0.7847	0.5694	0.6809
personalities	0.0627	0.1172	0.0074	0.0000	0.4134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pet-adoption	0.7500	0.2500	0.7159	0.3067	0.4931
phishing	0.9429	0.0571	0.9399	0.8792	0.2902
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.4579	0.1549	0.3982	0.3607	0.5013
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.5564	0.1268	0.4973	0.4767	0.3562
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7167	0.2833	0.4175	0.0000	0.4290
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6053	0.3947	0.5288	0.0138	0.6514
pirvision	0.9765	0.0157	0.9539	0.9221	0.0799
placement	0.7830	0.2170	0.7775	0.5550	0.7010
plant-growth	0.8421	0.1579	0.8427	0.6816	0.5635
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7449	0.2551	0.7148	0.4264	0.7731
popularity	0.6343	0.2438	0.3958	0.0299	0.4181
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6373	0.2647	0.8720
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.3939	0.0932	0.2654	0.3217	0.2871
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7015	0.2985	0.6633	0.1184	0.4472
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.5714	0.4286	0.5833	0.1600	0.9174
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.6898	0.1241	0.6042	0.5652	0.2743
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9705	0.0295	0.9065	0.7967	0.1323
raisin	0.8444	0.1556	0.8500	0.6889	0.5288
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.7651	0.0188	0.7125	0.7308	0.1834
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9802	0.0198	0.9802	0.9599	0.1136
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5994	0.4006	0.6215	0.0210	0.5015
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.7698	0.0767	0.7447	0.7171	0.2865
satimageF	0.9798	0.0202	0.9461	0.8896	0.1561

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.5714	0.1714	0.4978	0.4474	0.2143
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.5944	0.1765	0.9011
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.8658	0.0383	0.8768	0.8430	0.1615
segmentation	0.7574	0.2426	0.7382	0.4761	0.7537
segmentO	0.8528	0.1472	0.4603	0.0000	0.2903
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8646	0.1354	0.6855	0.2153	0.3967
shuttle	0.8871	0.0323	0.5696	0.6036	0.1870
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.8640	0.1360	0.8775	0.7261	0.3626
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1833	0.3267	0.1044	-0.0294	0.5535
solar-flare	0.7482	0.0839	0.6532	0.6770	0.2205
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9412	0.0062	0.9491	0.9357	0.0448
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8652	0.1348	0.8605	0.7065	0.4620
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.7429	0.2571	0.6947	0.3883	0.7880
spectrometer	0.3846	0.0456	0.2873	0.3505	0.1767
splice-EI	0.8549	0.1451	0.8026	0.5250	0.3095
splice-IE	0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles	0.7600	0.2400	0.7491	0.4964	0.7406
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.6909	0.2061	0.6594	0.5158	0.5422
steel-b	0.7744	0.2256	0.6026	0.1901	0.7899
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9590	0.0410	0.9356	0.8693	0.2472
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8264	0.1736	0.6270	0.1796	0.6195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	0.8150	0.1233	0.8205	0.7226	0.2999
streaming	0.7800	0.2200	0.7781	0.5468	0.6766
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6250	0.1500	0.2765	0.3589	0.3279
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3692	0.2523	0.1611	0.0747	0.5741
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.5746	0.3981	0.4288
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7160	0.2840	0.7170	0.4136	0.7523
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.8679	0.1321	0.8226	0.6372	0.5403
texture	0.7509	0.0453	0.7621	0.7258	0.2202
theorem	0.7430	0.2570	0.7375	0.4389	0.6777
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.5366	0.1030	0.4994	0.4533	0.2858
trec12-wc	0.4839	0.1290	0.7034	0.4123	0.2171
trec21-wc	0.8182	0.0727	0.5543	0.5159	0.1425
trec23-wc	0.6190	0.1270	0.6654	0.5015	0.2520
trec31-wc	0.8065	0.0645	0.7594	0.7385	0.2123
trec41-wc	0.8068	0.0386	0.6690	0.7558	0.1610
trec45-wc	0.6232	0.0754	0.6905	0.5630	0.1959
tuandromd	0.9596	0.0404	0.9393	0.8778	0.3136
turkish	0.8250	0.0875	0.8273	0.7667	0.2090
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8462	0.1538	0.8325	0.6548	0.5435
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7164	0.0630	0.7519	0.6678	0.2111
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.4405	0.2798	0.4431	0.2590	0.6369
vehicleVAN	0.7500	0.2500	0.6090	0.1923	0.7864
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9070	0.0930	0.9069	0.8139	0.4119
vowel	0.4848	0.0937	0.5288	0.4333	0.2656
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.5385	0.0923	0.3878	0.4800	0.1440
warppie10p	0.5714	0.0857	0.5915	0.5251	0.2017
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc1%	0.4228	0.1649	0.4271	0.3180	0.5188
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.3397	0.1887	0.2994	0.2193	0.4657
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8120	0.1253	0.8267	0.7180	0.3234
web-phishing	0.7704	0.1531	0.5299	0.5606	0.3554
Weekly	0.8519	0.1481	0.8629	0.6897	0.3632
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.8333	0.1667	0.8537	0.6667	0.4644
wifi-loc	0.9700	0.0150	0.9708	0.9600	0.0610
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5409	0.1530	0.1987	0.2224	0.3733
winequality-white	0.4663	0.1525	0.1458	0.0598	0.3335
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.7500	0.0333	0.7496	0.7322	0.0603
yeast	0.3784	0.1381	0.2758	0.1822	0.3979
yeastCYT-POX	0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 392: Detailed results for PARRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1079	0.0615	0.0952	0.0274	0.5515
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9850	0.0150	0.7313	0.2692	0.0534
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8000	0.2000	0.4444	-0.0357	0.6563
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8873	0.1127	0.8394	0.6688	0.4840
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8857	0.0457	0.6352	0.7360	0.1305
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9581	0.0419	0.9540	0.9076	0.2319
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9805	0.0097	0.9453	0.9627	0.0473
anuran-genus	0.9889	0.0028	0.9658	0.9817	0.0497
anuran-species	0.9833	0.0033	0.9722	0.9768	0.0231
anxiety	0.1083	0.1981	0.1052	-0.0041	0.8153
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.8222	0.0273	0.4731	0.7150	0.1416
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.6522	0.0290	0.2378	0.6051	0.0508
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.9952	0.0008	0.9927	0.9938	0.0126
babies	0.3952	0.1728	0.1631	0.0673	0.5536
balance	0.9032	0.0645	0.6277	0.8205	0.2499
bank	0.9116	0.0884	0.7707	0.5407	0.5903
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8963	0.1037	0.8879	0.7654	0.3882
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.9048	0.0952	0.8990	0.7981	0.4308
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%	0.0024	0.0688	0.0561	0.0024	0.1637
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9770	0.0115	0.9673	0.9511	0.0705
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography	0.8732	0.0254	0.8727	0.8476	0.1397
cardiotocography-nsp	0.9484	0.0344	0.8995	0.8532	0.1969
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8750	0.0833	0.8298	0.7765	0.2685
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.8215	0.1785	0.8222	0.6428	0.6188
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.8052	0.1948	0.8059	0.6102	0.6509
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8187	0.1813	0.8051	0.6092	0.6464
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7880	0.5456	0.3722
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6452	0.1861	0.4017
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%	0.9995	0.0005	0.8830	0.7645	0.3109
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8530	0.1470	0.7487	0.4779	0.6100
churn-bigml	0.9813	0.0187	0.9618	0.9207	0.0708
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.5388	0.5521	0.3151
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8287	0.0856	0.6765	0.7336	0.3966
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5646	0.2902	0.5457	0.3206	0.6826
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.9279	0.0131	0.7785	0.9120	0.0970
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9481	0.0519	0.9345	0.8690	0.3129
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7931	0.2069	0.7635	0.4942	0.6155
colposcopies-2	0.7241	0.2759	0.6954	0.3696	0.7628
colposcopies-3	0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7767	0.5511	0.6703
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.8387	0.1075	0.7853	0.7359	0.2503
connect-4	0.9864	0.0091	0.7161	0.6150	0.1847
cottonmeloidogyne	0.7861	0.2139	0.7861	0.5721	0.6899
coupon	0.7815	0.2185	0.7757	0.5492	0.6965
covid19	0.3638	0.1818	0.0762	0.0000	0.2356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.9071	0.0266	0.8459	0.8490	0.2122
covtypeCD	0.9930	0.0070	0.9852	0.9702	0.0764
covtypeT	0.9868	0.0132	0.9479	0.8954	0.2030
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced	0.9475	0.0175	0.8645	0.8903	0.1163
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.7500	0.0125	0.5600	0.7425	0.0315
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1700	0.2767	0.1568	-0.0028	0.8149
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.7778	0.2222	0.7710	0.5404	0.7057
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8220	0.1780	0.7062	0.3807	0.6542
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9075	0.0925	0.7605	0.5178	0.5913
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.9730	0.0090	0.9729	0.9662	0.0254
desharnais	0.6250	0.2500	0.6364	0.3684	0.5443
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8125	0.1250	0.8268	0.7108	0.3168
DIA	0.8833	0.1167	0.8416	0.6316	0.2737
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5882	0.2745	0.3818	0.1810	0.4929
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7970	0.0812	0.7916	0.7128	0.3088
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5689	0.4311	0.5639	0.1236	0.9439
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7810	0.1460	0.7029	0.6215	0.3952
drug-01	0.3723	0.1793	0.1737	0.0252	0.5347
drug-02	0.4947	0.1444	0.2351	0.0764	0.5794
drug-03	0.6968	0.0866	0.1814	0.0633	0.2373
drug-04	0.5160	0.1383	0.2053	0.0636	0.5559
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.2737	0.2591	0.4868
drug-07	0.4149	0.1672	0.1269	0.0193	0.4312
drug-08	0.5638	0.1246	0.2138	0.1341	0.3918
drug-09	0.8723	0.0365	0.1960	0.0699	0.1044
drug-10	0.5585	0.1261	0.1876	0.1792	0.4928
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1689	0.2252	0.3237
drug-14	0.6011	0.1140	0.3058	0.3155	0.5529
drug-15	0.7606	0.0684	0.1543	0.0434	0.2402
drug-16	0.5957	0.1155	0.2703	0.2966	0.3848
drug-17	0.3777	0.1778	0.1747	0.1368	0.5742
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1248	0.0161	0.1589
drybean	0.9243	0.0216	0.9391	0.9084	0.1226
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2766	0.0284	0.8154
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.9206	0.0794	0.9198	0.8387	0.3633
eeg10%	0.4772	0.0654	0.4482	0.4172	0.5012
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6849	0.1260	0.6679	0.5924	0.3084
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9631	0.0369	0.9631	0.9258	0.2066
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.8211	0.0210	0.7371	0.7944	0.1056
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7451	0.2549	0.7426	0.4751	0.7349
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8125	0.0625	0.8486	0.7659	0.1160
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9038	0.0481	0.8906	0.8669	0.1249
gas	0.9978	0.0007	0.9979	0.9974	0.0050
gastrointestinal	0.8750	0.0833	0.8741	0.7949	0.2147
gender	0.6042	0.2639	0.4703	0.1398	0.5261
gene	0.9432	0.0379	0.9364	0.9092	0.1686
german	0.7000	0.3000	0.6432	0.2519	0.7851
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9597	0.0403	0.9597	0.9193	0.2269
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8095	0.0635	0.7796	0.7423	0.2203
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8813	0.7590	0.4804
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.5707	0.3713	0.4924
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.8000	0.2000	0.7266	0.4444	0.7074
hapt	0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har	0.9964	0.0014	0.9960	0.9955	0.0099
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.9296	0.0201	0.5703	0.8954	0.1103
har7010%	0.9320	0.0194	0.6443	0.8984	0.1021
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.8768	0.0205	0.5917	0.8315	0.1835
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.8587	0.1413	0.8593	0.7174	0.5358
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.7136	0.2864	0.7122	0.4244	0.8037
higgs1%	0.7219	0.2781	0.7204	0.4407	0.7922
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1591	0.0610	0.3663
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8887	0.1113	0.7825	0.5495	0.5431
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6944	0.2037	0.6749	0.4438	0.4968
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.9989	0.0007	0.9990	0.9984	0.0058
htru2	0.9793	0.0207	0.9363	0.8720	0.2411
hypothyroid	0.9947	0.0027	0.7387	0.9684	0.0764
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.7458	0.2542	0.6504	0.2643	0.7483
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9127	0.0067	0.9167	0.9092	0.0738
jm1	0.8246	0.1754	0.6580	0.2477	0.6181
jvowels	0.9819	0.0040	0.9799	0.9795	0.0305
kc1	0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot	0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect	0.6429	0.0298	0.0341	0.1139	0.1206
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8269	0.1731	0.7038	0.3777	0.6558
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9986	0.0002	0.8272	0.9976	0.0015
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.8891	0.0123	0.8872	0.8762	0.1512
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.4706	0.0265	0.2541	0.4506	0.0669
led24	0.6500	0.0700	0.6364	0.6078	0.1652
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9665	0.0026	0.9661	0.9651	0.0390
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8333	0.0222	0.8332	0.8212	0.0626
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0001
liver	0.7647	0.2353	0.7202	0.4357	0.7504
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.6984	0.0548	0.4416	0.6131	0.4266
lrs	0.8302	0.0340	0.4363	0.7650	0.1315
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.8577	0.1423	0.8577	0.7154	0.5425
magic04	0.8832	0.1168	0.8701	0.7381	0.4833
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8556	0.7087	0.5431
marketing	0.9018	0.0982	0.7768	0.5110	0.4530
maternal	0.8317	0.1122	0.8360	0.7443	0.3645
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2633	0.2947	0.2657	0.0780	0.8302
messidor	0.6696	0.3304	0.6673	0.3338	0.8560
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.9750	0.0050	0.9757	0.9722	0.0312
mfeat-fou	0.8250	0.0350	0.8268	0.8056	0.1466
mfeat-kar	0.9700	0.0060	0.9712	0.9667	0.0375
mfeat-mor	0.6850	0.0630	0.6821	0.6500	0.2069
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8050	0.0390	0.8046	0.7833	0.1055
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5281	0.4463	0.4448
mobile	0.9860	0.0005	0.9873	0.9858	0.0065
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-2	1.0000	0.0000	1.0000	1.0000	0.0000
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9636	0.0364	0.9283	0.8460	0.1173
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7806	0.2194	0.7719	0.5404	0.6971
MUT_ci300400a_cdk_EXTENDED	0.8657	0.1343	0.8619	0.7239	0.5297
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.8609	0.1391	0.8574	0.7147	0.5417
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.8722	0.1278	0.8697	0.7392	0.5126
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9727	0.0273	0.9727	0.9454	0.1688
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.9211	0.0083	0.5820	0.7801	0.2861
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6713	0.3287	0.6686	0.3356	0.8544
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.3157	-0.0031	0.5510
nursery	0.9992	0.0003	0.7995	0.9989	0.0024
obesity	0.9763	0.0068	0.9765	0.9723	0.0313
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc	0.9307	0.0139	0.9347	0.9205	0.0671
oh10-wc	0.8095	0.0381	0.8131	0.7822	0.1628
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9275	0.0725	0.7284	0.4155	0.4925
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9555	0.0089	0.9574	0.9505	0.0628
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9289	0.0711	0.6520	0.1647	0.3724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8505	0.1495	0.8310	0.6608	0.5783
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9854	0.0059	0.9371	0.9169	0.1082
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons	0.9242	0.0758	0.9191	0.8365	0.3496
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.9269	0.0731	0.9090	0.8180	0.3871
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6644	0.2997	0.5774
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8939	0.7647	0.2161
pediatric-leukemia	0.7353	0.0756	0.6545	0.6738	0.2201
pendigits	0.9918	0.0016	0.9918	0.9909	0.0142
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9400	0.0600	0.9319	0.8600	0.2695
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.9005	0.0284	0.8943	0.8837	0.1133
phone-acc1%	0.9705	0.0084	0.9680	0.9655	0.0443
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.9261	0.0211	0.9195	0.9136	0.0936
phone-gyr1%	0.9650	0.0100	0.9613	0.9591	0.0487
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.9222	0.0778	0.9030	0.8054	0.3945
phy	0.7144	0.2856	0.7144	0.4287	0.8017
pima	0.7105	0.2895	0.6871	0.3569	0.7863
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.6316	0.3684	0.6292	0.2570	0.8973
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.6146	0.0771	0.1492	0.2702	0.2516
poker10%	0.6927	0.0768	0.2330	0.4218	0.2344
polish-1st	0.9659	0.0341	0.6954	0.2409	0.2550
polish-2nd	0.9617	0.0383	0.6647	0.2754	0.4747
polish-3rd	0.9467	0.0533	0.4863	-0.0103	0.4762
polish-4th	0.9602	0.0398	0.7646	0.4995	0.4276
polish-5th	0.9594	0.0406	0.8195	0.6053	0.3147
polya	0.7805	0.2195	0.7539	0.5015	0.7057
popularity	0.6820	0.2120	0.5512	0.2645	0.4535
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9914	0.0034	0.9913	0.9893	0.0244
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7062	0.4118	0.8115
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2727	0.0661	0.1077	0.1992	0.2434
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.6109	0.2193	0.8789
promoters	0.8000	0.2000	0.8333	0.6154	0.4644
prostate	1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9956	0.0018	0.9923	0.9941	0.0149
puc-rio10%	0.9885	0.0046	0.9765	0.9846	0.0320
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.4942	0.5058	0.4942	-0.0117	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
raisin	0.8889	0.1111	0.8893	0.7778	0.4596
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.8533	0.0226	0.7263	0.8027	0.1144
re1-wc	0.8373	0.0130	0.6313	0.8140	0.1136
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.7141	0.2859	0.7035	0.4071	0.8089
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.9082	0.0306	0.8950	0.8865	0.1463
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9409	0.0591	0.8154	0.5980	0.3572
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5000	0.5000	0.5000	0.0000	0.9949
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9654	0.0099	0.9705	0.9595	0.0420
segmentation	0.8614	0.1386	0.8489	0.6979	0.5539
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8763	0.1237	0.6559	0.1245	0.3621
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9997	0.0001	0.9997	0.9996	0.0008
sepsis	0.9094	0.0906	0.6567	0.0015	0.2086
shoppers	0.9019	0.0981	0.7995	0.5948	0.5516
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9788	0.0212	0.9093	0.8149	0.2550
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9998	0.0002	0.9997	0.9994	0.0054
skin10%	0.9988	0.0012	0.9981	0.9963	0.0207
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2800	0.3600	0.1881	0.0270	0.5499
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.2096	0.0068	0.8653
solar-flare	0.7626	0.0791	0.6159	0.6932	0.1874
sonar	0.7000	0.3000	0.7185	0.4000	0.7215
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9478	0.0522	0.9453	0.8903	0.2731
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.6923	0.0228	0.6425	0.6736	0.1077
splice-EI	0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE	0.9558	0.0442	0.9411	0.8810	0.3118
sport-articles	0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9181	0.0546	0.8959	0.8667	0.2044
steel-b	0.8923	0.1077	0.8277	0.6473	0.5046
steel-d	0.9846	0.0154	0.8615	0.7194	0.3544
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8256	0.1744	0.8057	0.6108	0.6337
steel-p	0.9282	0.0718	0.7346	0.4622	0.5763
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9949	0.0051	0.9853	0.9701	0.0240
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9306	0.0694	0.8772	0.7503	0.3987
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1741	0.0118	0.4696
student-weekend	0.4154	0.2338	0.2731	0.0818	0.3691
student-workday	0.7344	0.1062	0.2892	0.2418	0.3158
studentap	0.4615	0.3590	0.4579	0.1727	0.6264
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.8012	0.1988	0.8000	0.5955	0.6497
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6082	0.4000	0.6002
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9836	0.0030	0.9847	0.9820	0.0241
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8881	0.1119	0.8417	0.6604	0.4201
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7536	0.3929	0.4155
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6533	0.3467	0.4620	-0.0726	0.9159
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	0.9570	0.0143	0.9528	0.9426	0.0590
trec41-wc	0.9432	0.0114	0.8418	0.9307	0.0739
trec45-wc	0.9275	0.0145	0.8431	0.9149	0.0535
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.8250	0.0875	0.8238	0.7667	0.2655
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9231	0.0769	0.9169	0.8320	0.3521
tvnews10%	0.9013	0.0987	0.8930	0.7853	0.4350
ur3_cobotops_grip	0.9769	0.0231	0.7781	0.5041	0.3047
ur3_cobotops_stop	0.9755	0.0245	0.7996	0.5790	0.3800

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
urban	0.8507	0.0332	0.8454	0.8241	0.1306
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7738	0.1131	0.7304	0.6948	0.1810
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6263	0.0680	0.6700	0.5889	0.2083
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7949	0.0205	0.5844	0.7678	0.1215
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.9850	0.0043	0.9847	0.9825	0.0320
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.9885	0.0033	0.9882	0.9865	0.0257
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2300	0.3850	0.2289	-0.0268	0.8751
waveform	0.8520	0.0987	0.8530	0.7781	0.3395
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8667	0.0889	0.8202	0.7621	0.3817
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9917	0.0083	0.9562	0.9123	0.2103
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6918	0.1027	0.3394	0.4966	0.3354
winequality-white	0.7055	0.0841	0.4270	0.5404	0.3204
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.6014	0.0797	0.4051	0.4842	0.3346
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.9495	0.0101	0.9460	0.9434	0.0823

Table 393: Detailed results for PART(W)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1559	0.0582	0.0914	0.0760	0.5967
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer	0.9828	0.0172	0.6548	0.0962	0.1558
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9756	0.0244	0.9482	0.8950	0.1934
advanced-iot	0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter	0.8651	0.1349	0.5176	0.0343	0.7257
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.7980	0.1347	0.2959	-0.0891	0.6377
AID1284Morered	0.8333	0.1667	0.6516	0.3032	0.7325
AID1284red	0.8056	0.1944	0.5570	0.1127	0.7808
AID1608Morered	0.8932	0.1068	0.5489	0.0972	0.6859
AID1608red	0.8932	0.1068	0.4718	-0.0559	0.6716
AID362red	0.9883	0.0117	0.7381	0.4392	0.3887
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9940	0.0060	0.4985	-0.0030	0.5141
AID644Morered	0.5500	0.4500	0.4886	-0.0227	0.9383
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
aids	0.8545	0.1455	0.8016	0.6031	0.6196
air_pollution	0.2167	0.2238	0.1351	0.0045	0.9145
alcohol	0.8381	0.0648	0.6377	0.6504	0.3979
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.8837	0.1163	0.8718	0.7433	0.4931
anneal	0.9663	0.0135	0.9206	0.9318	0.2177
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.9652	0.0174	0.9111	0.9334	0.1644
anuran-genus	0.9471	0.0132	0.8540	0.9124	0.1923
anuran-species	0.9694	0.0061	0.9311	0.9574	0.0594
anxiety	0.0417	0.2130	0.0415	-0.0770	0.8545
apple-quality	0.8000	0.2000	0.8000	0.6000	0.6644
arabidopsis0.1%	0.9882	0.0118	0.4970	-0.0044	0.5347
arcene	0.7000	0.3000	0.6875	0.3750	0.8278
arrhythmia	0.7778	0.0444	0.6621	0.6614	0.2438
auction	0.9853	0.0147	0.9664	0.9305	0.0577
audiology	0.7826	0.0181	0.3084	0.7489	0.0480
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9083	0.8693	0.1058
avila	0.9942	0.0010	0.9925	0.9925	0.0158
babies	0.3871	0.1751	0.1791	0.0785	0.7374
balance	0.7903	0.1398	0.6330	0.6320	0.5086
bank	0.8881	0.1119	0.7214	0.4428	0.6560
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8687	0.1313	0.8559	0.7046	0.4965

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
basehock	0.8844	0.1156	0.8846	0.7689	0.4738
bio	0.9961	0.0039	0.8915	0.7829	0.3712
bio10%	0.9952	0.0048	0.8695	0.7383	0.4184
biodeg	0.8667	0.1333	0.8603	0.7200	0.5345
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9866	0.0012	0.1345	0.2443	0.4423
bitcoin1%	0.9883	0.0008	0.1194	0.3438	0.0712
bitcoin10%	0.9868	0.0024	0.2626	0.2490	0.2984
body-perf	0.7060	0.1470	0.7061	0.6080	0.4636
brain-tumor	0.5010	0.4990	0.5010	0.0020	0.9994
breast-cancer	0.7857	0.2143	0.7375	0.4750	0.7331
breast-cancer-co	0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma	0.3636	0.6364	0.3446	-0.3051	1.0000
breast-tissue	0.6364	0.1212	0.6525	0.5600	0.2067
bridges	0.7000	0.1000	0.6333	0.5714	0.2002
bub10at310k-hg16-17	0.9139	0.0861	0.6890	0.3567	0.5941
bub12at310k-hg16-17	0.9162	0.0838	0.6698	0.2557	0.4799
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4240	0.3840	0.3378	0.0086	0.8167
car	0.9540	0.0230	0.9207	0.9032	0.1368
car-insurance	0.8140	0.1860	0.7857	0.5712	0.6709
card	0.7826	0.2174	0.7760	0.5518	0.7014
cardiotocography	0.8498	0.0300	0.8259	0.8192	0.1722
cardiotocography-nsp	0.9296	0.0469	0.8788	0.8113	0.3283
cardiovascular	0.7289	0.2711	0.7289	0.4577	0.7816
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8000	0.1333	0.7632	0.6487	0.4136
cas_N6512_rdkit_ATOMPAIR	0.6954	0.3046	0.6922	0.3827	0.8254
cas_N6512_RDkit_AtomPair_FP	0.7163	0.2837	0.7136	0.4260	0.7988
cas_N6512_rdkit_AVALON	0.7573	0.2427	0.7561	0.5121	0.7395
cas_N6512_RDkit_Avalon_FP	0.7577	0.2423	0.7571	0.5139	0.7378
cas_N6512_rdkit_descriptors	0.7585	0.2415	0.7590	0.5167	0.7335
cas_N6512_rdkit_FEATMORGAN	0.7665	0.2335	0.7647	0.5292	0.7246
cas_N6512_RDkit_Featmorgan_FP	0.7515	0.2485	0.7513	0.5020	0.7466
cas_N6512_RDkit_FP	0.7347	0.2653	0.7328	0.4656	0.7745
cas_N6512_rdkit_LAYERED	0.7415	0.2585	0.7407	0.4812	0.7631
cas_N6512_RDkit_Layered_FP	0.7377	0.2623	0.7353	0.4695	0.7676
cas_N6512_rdkit_MACCS	0.8003	0.1997	0.7988	0.5956	0.6591
cas_N6512_RDkit_MACCS_FP	0.7761	0.2239	0.7750	0.5499	0.7085
cas_N6512_rdkit_MORGAN	0.7477	0.2523	0.7456	0.4907	0.7541
cas_N6512_RDkit_morgan_FP	0.7347	0.2653	0.7323	0.4635	0.7727
cas_N6512_rdkit_PATTERN	0.7769	0.2231	0.7758	0.5515	0.7071
ccds1%	0.9231	0.0769	0.5134	0.0267	0.6070
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8238	0.1762	0.8099	0.6191	0.6371
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.0441	0.9559	0.0422	0.0000	0.1165
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9335	0.0665	0.6145	0.2277	0.6375
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9186	0.0814	0.6019	0.1843	0.6364
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S	0.9186	0.0814	0.7723	0.5432	0.6013
children-anemia	0.9140	0.0430	0.9079	0.8712	0.1774
chrom19	0.9997	0.0003	0.9212	0.8314	0.0528
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9992	0.0008	0.8044	0.6057	0.4153
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
chronic-kidney	0.9036	0.0964	0.6417	0.2818	0.6674
churn	0.8350	0.1650	0.7231	0.4376	0.6797
churn-bigml	0.9288	0.0712	0.8443	0.6606	0.3310
ci900367j_MACCS	0.6211	0.3789	0.5932	0.1861	0.9169
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.6613	0.4889	0.5343
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7880	0.1060	0.6539	0.6761	0.4734
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.5000	0.3333	0.5588	0.1628	0.5130
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5442	0.3039	0.5253	0.2819	0.6805
cnae-9	0.9259	0.0165	0.9289	0.9167	0.0819
codon_usage	0.8603	0.0254	0.6721	0.8306	0.2538
coil20	0.9167	0.0083	0.9198	0.9123	0.0556
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2	0.6552	0.3448	0.6841	0.3379	0.7768
colposcopies-3	0.5172	0.4828	0.4898	-0.0201	0.9934
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7241	0.2759	0.5167	0.0333	0.8275
colposcopies-6	0.6897	0.3103	0.6913	0.3741	0.8142
colposcopies-c	0.7586	0.2414	0.6866	0.3715	0.7765
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.8065	0.1290	0.7543	0.6895	0.2733
cottonmeloidogyne	0.7332	0.2668	0.7333	0.4664	0.7750
coupon	0.6979	0.3020	0.6908	0.3814	0.8275
covtype10%	0.8301	0.0485	0.7577	0.7266	0.3358
covtypeCD	0.9871	0.0129	0.9724	0.9447	0.1417
covtypeT	0.9810	0.0190	0.9267	0.8534	0.2975
crabs	0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans	0.9996	0.0004	0.9357	0.8694	0.1630
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.9161	0.0280	0.7675	0.8289	0.3100
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.3438	0.0328	0.2450	0.3253	0.1123
customer-churn	0.9840	0.0160	0.7609	0.4926	0.3903
cybersecurity	0.1667	0.2778	0.1633	-0.0011	0.8837
cyclopentane	0.6296	0.3704	0.6326	0.2623	0.8892
cylinder-bands	0.8519	0.1481	0.8512	0.7004	0.5560
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8220	0.1780	0.7041	0.3676	0.6371
defect	0.9599	0.0401	0.9228	0.8372	0.1899
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8910	0.1090	0.7320	0.4639	0.6452
depressed	0.7552	0.2448	0.5391	0.0778	0.8194
dermatology	0.8919	0.0360	0.8930	0.8655	0.1151
desharnais	0.6250	0.2500	0.2778	0.1429	0.3239
dexter	0.8833	0.1167	0.8853	0.7667	0.4597
df_final	0.5625	0.2917	0.6018	0.3086	0.5254
DIA	0.7500	0.2500	0.6446	0.2857	0.8083
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-risk	0.9201	0.0799	0.8725	0.7382	0.4007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
diabetic1%	0.4510	0.3660	0.4045	0.0491	0.7548
diabetic10%	0.4931	0.3379	0.3736	0.1016	0.7886
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7169	0.1132	0.7222	0.6010	0.4045
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.4167	0.5833	0.4286	-0.1351	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.7122	0.4237	0.6400
dota210%	0.5155	0.4845	0.5137	0.0275	0.9911
dropout	0.7201	0.1866	0.6431	0.5394	0.5364
drug-01	0.3404	0.1885	0.1635	0.0369	0.6247
drug-02	0.4681	0.1520	0.1968	0.1242	0.7128
drug-03	0.6809	0.0912	0.1989	0.2015	0.3923
drug-04	0.4947	0.1444	0.2128	0.1126	0.6539
drug-05	0.7181	0.0805	0.1530	0.0541	0.3942
drug-06	0.3777	0.1778	0.2401	0.2259	0.6257
drug-07	0.4255	0.1641	0.1651	0.1055	0.5873
drug-08	0.5160	0.1383	0.2107	0.1712	0.5521
drug-09	0.7926	0.0593	0.1661	0.1107	0.5186
drug-10	0.4840	0.1474	0.2139	0.1819	0.7352
drug-11	0.7819	0.0623	0.1938	0.1201	0.6336
drug-12	0.6809	0.0912	0.1765	0.0402	0.7564
drug-13	0.5798	0.1201	0.1751	0.1947	0.5524
drug-14	0.5851	0.1185	0.3484	0.2738	0.5757
drug-15	0.6649	0.0957	0.2320	0.0892	0.7669
drug-16	0.5426	0.1307	0.2392	0.2533	0.5661
drug-17	0.3245	0.1930	0.2819	0.1197	0.7147
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7021	0.0851	0.1355	0.0538	0.5290
drybean	0.9104	0.0256	0.9248	0.8916	0.1455
ecoli	0.7941	0.0515	0.4428	0.7115	0.1176
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3200	0.3400	0.3181	0.0932	0.7957
eeg-eye	0.8051	0.1949	0.8084	0.5958	0.5863
eeg10%	0.2758	0.0905	0.2588	0.1984	0.7616
eucalyptus	0.6438	0.1425	0.6343	0.5467	0.3950
euthyroid	0.9747	0.0253	0.9267	0.8527	0.2759
exon.vs.intron-freq10%	0.9491	0.0509	0.9490	0.8976	0.2648
fakenews	0.5150	0.4850	0.5150	0.0300	0.9913
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.7439	0.0301	0.6508	0.7109	0.2670
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.9075	0.0308	0.6990	0.8552	0.1958
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.6500	0.1000	0.5007	0.5639	0.1883
forest	0.8846	0.0577	0.8756	0.8405	0.1609
gas	0.9813	0.0062	0.9806	0.9773	0.0432
gastrointestinal	0.6875	0.2083	0.7174	0.5000	0.3613
gender	0.5811	0.2793	0.3961	0.1249	0.6246
gene	0.9180	0.0547	0.9076	0.8684	0.2367
german	0.7200	0.2800	0.6785	0.3503	0.8079

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gestures	0.8527	0.0736	0.8529	0.8036	0.2869
gina	0.9135	0.0865	0.9137	0.8271	0.3909
glass	0.7143	0.0952	0.7075	0.6013	0.2355
glass-g2	0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP	0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP	0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7895	0.2105	0.7933	0.5730	0.6420
gli_85	0.7500	0.2500	0.6667	0.3333	0.7987
glioma	0.6000	0.2667	0.4912	0.4118	0.2946
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage	0.4667	0.2667	0.5564	0.2727	0.4729
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.6667	0.3333	0.5739	0.1477	0.8809
hapt	0.9396	0.0101	0.8324	0.9286	0.0764
har	0.9771	0.0092	0.9757	0.9710	0.0577
har701%	0.9049	0.0272	0.5326	0.8592	0.1207
har7010%	0.9160	0.0240	0.6003	0.8749	0.2421
harth1%	0.8489	0.0252	0.5538	0.7949	0.2918
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.7647	0.2353	0.7548	0.4925	0.6907
health-activity	0.6500	0.1750	0.2217	-0.0069	0.5867
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8065	0.1935	0.8046	0.6092	0.6543
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum	0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.8309	0.1691	0.8318	0.6619	0.5970
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6364	0.3636	0.6413	0.2491	0.8149
higgs1%	0.6775	0.3225	0.6811	0.3583	0.8371
higher	0.3571	0.1607	0.2447	0.2317	0.2992
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9005	0.0995	0.8157	0.6290	0.5428
hiva	0.9551	0.0449	0.6127	0.2178	0.6033
horse	0.6389	0.2407	0.6122	0.3615	0.5853
hotel-reservartions	0.8950	0.1050	0.8798	0.7591	0.4688
hr	0.7649	0.2351	0.5180	0.0360	0.7805
ht-sensor	0.9996	0.0003	0.9996	0.9994	0.0027
ht-sensor10%	0.9969	0.0021	0.9970	0.9953	0.0153
htru2	0.9721	0.0279	0.9156	0.8313	0.3328
hypothyroid	0.9920	0.0040	0.7384	0.9532	0.0786
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6610	0.3390	0.5868	0.1737	0.8848
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.9727	0.0137	0.9730	0.9636	0.0596
ionosphere	0.9143	0.0857	0.9146	0.8148	0.3671
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.8023	0.0152	0.8053	0.7944	0.1746

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8099	0.1901	0.6014	0.0878	0.5396
jvowels	0.9177	0.0183	0.9143	0.9067	0.1323
kc1	0.8531	0.1469	0.6436	0.1948	0.5528
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.5000	0.0417	0.0547	0.1833	0.2758
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6724	0.3440	0.7669
kdc-4007	0.6110	0.1112	0.6103	0.5459	0.5137
kddcup981%	0.8737	0.1263	0.4663	-0.0654	0.5984
kepler	0.8776	0.0816	0.8325	0.7985	0.2180
kidney	0.6514	0.1394	0.1952	-0.0073	0.7963
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7779	0.0247	0.8107	0.7517	0.2645
krvskp	0.9906	0.0094	0.9906	0.9811	0.0713
la1s-wc	0.8000	0.0667	0.7644	0.7481	0.3286
la2s-wc	0.8245	0.0585	0.8039	0.7775	0.2797
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0132	0.4179	0.7226	0.0496
led24	0.5000	0.1111	0.5320	0.4382	0.2433
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8880	0.0086	0.8882	0.8835	0.1309
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7778	0.0296	0.8022	0.7616	0.0925
linkage1%	0.9997	0.0003	0.9761	0.9522	0.1296
liver	0.7059	0.2941	0.6808	0.3585	0.8145
loan	0.9859	0.0141	0.9850	0.9700	0.0987
localization10%	0.6371	0.0660	0.3951	0.5417	0.6255
lrs	0.8302	0.0485	0.7487	0.7639	0.1525
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0500	0.9000	0.8431	0.0660
lung-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1	0.8000	0.0800	0.6543	0.5855	0.2341
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9362	0.0638	0.9343	0.8685	0.3225
madelon	0.6385	0.3615	0.6386	0.2769	0.8914
magic04	0.8685	0.1315	0.8534	0.6989	0.4968
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7812	0.2188	0.7834	0.5636	0.6896
marketing	0.9062	0.0938	0.7923	0.5672	0.5025
maternal	0.7525	0.1650	0.7586	0.6234	0.4574
math	0.8250	0.0875	0.7912	0.7333	0.2830
mba	0.8065	0.1290	0.4166	0.2430	0.5497
mental-disorders	0.8333	0.0833	0.8333	0.7778	0.1667
mental-health	0.2133	0.3147	0.2163	0.0166	0.8579
messidor	0.6870	0.3130	0.6831	0.3660	0.8384
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8784	0.8448	0.1220
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9100	0.0180	0.9115	0.9000	0.0994
mfeat-fou	0.7500	0.0500	0.7485	0.7222	0.2260
mfeat-kar	0.8450	0.0310	0.8476	0.8278	0.1871

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-mor	0.7250	0.0550	0.7208	0.6944	0.1976
mfeat-pix	0.9100	0.0180	0.9125	0.9000	0.1024
mfeat-zer	0.7150	0.0570	0.7202	0.6833	0.2498
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.5485	0.4132	0.4268
mobile	0.7343	0.0095	0.7465	0.7294	0.1203
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9836	0.0164	0.9820	0.9633	0.0783
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4011	0.1089	0.4590	0.2945	0.6185
musk	0.9727	0.0273	0.9468	0.8931	0.2229
MUT_ci300400a_cdk_ESTATE	0.7566	0.2434	0.7479	0.4952	0.7448
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_MACCS	0.8261	0.1739	0.8213	0.6426	0.6192
MUT_ci300400a_rdkit_descriptors	0.8246	0.1754	0.8206	0.6413	0.6212
myocardial	0.8471	0.0382	0.2797	0.4180	0.6313
naticusdroid	0.9680	0.0320	0.9680	0.9359	0.1911
NCI60	0.3333	0.2222	0.3333	0.2000	0.2759
nci9	0.3333	0.2222	0.2857	0.2000	0.2350
ncRNA1%	0.8936	0.0112	0.4632	0.7169	0.8099
ncRNA10%	0.9227	0.0081	0.6194	0.7961	0.7669
neo	0.9129	0.0871	0.6808	0.2414	0.4066
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6102	0.3898	0.6142	0.2254	0.9081
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5556	0.2963	0.5221	0.1448	0.5254
nursery	0.9961	0.0019	0.9970	0.9943	0.0119
obesity	0.9052	0.0271	0.9045	0.8893	0.1267
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9927	0.0073	0.9898	0.9796	0.0863
Occupancy_Estimation	0.9961	0.0020	0.9853	0.9880	0.0096
oh0-wc	0.8317	0.0337	0.8383	0.8078	0.1656
oh10-wc	0.6286	0.0743	0.6212	0.5762	0.3387
oh15-wc	0.7826	0.0435	0.7750	0.7517	0.2034
oh5-wc	0.6923	0.0615	0.7044	0.6529	0.2871
olive	0.9474	0.0117	0.9451	0.9339	0.0357
opn310k10%	0.9018	0.0982	0.7006	0.4011	0.6520
opnat310k-hg16-17	0.9161	0.0839	0.7141	0.4195	0.6021
optdigits	0.9235	0.0153	0.9268	0.9149	0.1076
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.6000	0.0200	0.5647	0.5897	0.0766
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9605	0.0395	0.6796	0.3549	0.5778
ozone8hr	0.9051	0.0949	0.5563	0.0994	0.6712
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7320	0.2680	0.6972	0.3940	0.7991
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants	0.9943	0.0057	0.6553	0.3049	0.5258
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9799	0.0080	0.9182	0.8858	0.1650
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.9005	0.0995	0.8935	0.7849	0.4255
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.9130	0.0870	0.8903	0.7795	0.4215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle10%	0.8985	0.1015	0.8705	0.7358	0.4443
pasture	0.2500	0.5000	0.3333	-0.0909	0.3444
pc1	0.9369	0.0631	0.7008	0.3376	0.4605
pcmac	0.5309	0.4691	0.4687	-0.0507	0.9580
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7610	0.5185	0.6657
pediatric-leukemia	0.6765	0.0924	0.7066	0.6112	0.2448
pendigits	0.9682	0.0064	0.9678	0.9646	0.0523
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7434	0.2566	0.7333	0.4648	0.7642
pet-adoption	0.9300	0.0700	0.9201	0.8392	0.3454
phishing	0.9469	0.0531	0.9442	0.8885	0.2836
phone-acc0.1%	0.9364	0.0182	0.9326	0.9257	0.0873
phone-acc1%	0.9933	0.0019	0.9929	0.9922	0.0150
phone-gyr0.1%	0.9404	0.0170	0.9360	0.9303	0.0908
phoneme	0.8296	0.1704	0.8162	0.6182	0.6120
pima	0.6842	0.3158	0.6575	0.2716	0.7650
pirvision	0.9967	0.0022	0.9943	0.9896	0.0186
placement	0.7810	0.2190	0.7753	0.5506	0.7046
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4966	0.1438	0.2757	0.0937	0.6275
polish-1st	0.9559	0.0441	0.5386	0.0473	0.5209
polish-2nd	0.9646	0.0354	0.6882	0.2685	0.3418
polish-3rd	0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th	0.9602	0.0398	0.7586	0.4625	0.3649
polish-5th	0.9492	0.0508	0.7656	0.4923	0.4154
polya	0.7438	0.2562	0.7203	0.4406	0.7766
popularity	0.5914	0.2724	0.4285	0.1763	0.7264
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9823	0.0071	0.9821	0.9779	0.0478
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7390	0.4412	0.6911
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.3939	0.0932	0.3337	0.3182	0.3116
profb	0.6119	0.3881	0.5703	0.1402	0.9143
promoters	0.6000	0.4000	0.5519	0.0909	0.9071
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9897	0.0041	0.9810	0.9861	0.0343
puc-rio10%	0.9680	0.0128	0.9406	0.9570	0.0764
pufs-1281%	0.4938	0.5062	0.4938	-0.0123	1.0000
pufs-641%	0.4950	0.5050	0.4950	-0.0100	1.0000
pufs-6410%	0.4999	0.5001	0.5014	0.0002	0.6009
pulsar	0.9840	0.0160	0.9510	0.9004	0.1552
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
re0-wc	0.0133	0.1518	0.0020	0.0000	0.3290
re1-wc	0.8133	0.0149	0.6792	0.7867	0.1749
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9863	0.0137	0.9862	0.9722	0.0900
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6009	0.3991	0.5899	0.1796	0.9270
RT_IOT2022	0.9985	0.0003	0.9946	0.9961	0.0047
satimage	0.8631	0.0456	0.8452	0.8314	0.2198
satimageF	0.9813	0.0187	0.9533	0.9062	0.2602
satimageT	0.9409	0.0591	0.8331	0.6657	0.4947
scadi	0.7143	0.1143	0.6984	0.6316	0.1667

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8910	0.1090	0.6031	0.2031	0.6525
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9654	0.0099	0.9712	0.9595	0.0374
segmentation	0.8069	0.1931	0.7985	0.5930	0.6580
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9225	0.0775	0.4798	-0.0202	0.5773
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sens-10-gram	0.8530	0.1470	0.6138	0.2087	0.7083
sens-2-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-3-gram	0.8658	0.1342	0.5807	0.0754	0.5299
sens-4-gram	0.8447	0.1553	0.5679	0.1187	0.7302
sens-5-gram	0.8132	0.1868	0.5733	0.1462	0.7659
sens-6-gram	0.8395	0.1605	0.5693	0.1273	0.7456
sens-7-gram	0.8368	0.1632	0.5571	0.1035	0.7509
sens-8-gram	0.8132	0.1868	0.5877	0.1754	0.7590
sens-9-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sensorless	0.9932	0.0012	0.9932	0.9925	0.0133
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8913	0.1087	0.7804	0.5584	0.5927
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9761	0.0239	0.8968	0.7875	0.2654
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9994	0.0006	0.9991	0.9983	0.0112
skin10%	0.9967	0.0033	0.9950	0.9901	0.0456
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2000	0.4000	0.2040	-0.0707	0.8662
smk_can_187	0.4737	0.5263	0.4775	-0.0440	1.0000
smoking	0.7536	0.2464	0.7547	0.4986	0.7214
soil_pollution	0.1967	0.3213	0.1977	-0.0044	0.8731
solar-flare	0.7554	0.0815	0.6244	0.6879	0.2354
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.9412	0.0062	0.9627	0.9355	0.0336
spam-detection	0.9540	0.0460	0.8739	0.7446	0.4745
spambase	0.9261	0.0739	0.9226	0.8451	0.3587
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.5577	0.0328	0.4220	0.5321	0.1521
splice-EI	0.9495	0.0505	0.9353	0.8695	0.3294
splice-IE	0.9369	0.0631	0.9145	0.8285	0.3853
sport-articles	0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9030	0.0647	0.8772	0.8424	0.2297
steel-b	0.8359	0.1641	0.7529	0.5059	0.6817
steel-d	0.9897	0.0103	0.9140	0.8280	0.3214
steel-k	0.9744	0.0256	0.9604	0.9206	0.1989
steel-o	0.7590	0.2410	0.7233	0.4367	0.7406
steel-p	0.9436	0.0564	0.8075	0.6146	0.5232
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.9795	0.0205	0.9417	0.8834	0.2660
stellar	0.9725	0.0183	0.9685	0.9513	0.1093
stock	0.9514	0.0486	0.9147	0.8224	0.2508
stockb	0.9956	0.0029	0.9956	0.9934	0.0159

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.5950	0.1620	0.3996	0.3625	0.5656
student-habits	0.2700	0.2920	0.1645	-0.0306	0.8300
student-weekend	0.3385	0.2646	0.3405	0.1082	0.6934
student-workday	0.7500	0.1000	0.2841	0.3702	0.4009
studentap	0.2308	0.5128	0.2444	-0.1818	0.8704
susy	0.4580	0.5420	0.3141	0.0000	0.5307
susy1%	0.7858	0.2142	0.7841	0.5644	0.6812
susy10%	0.7938	0.2062	0.7925	0.5802	0.6633
tae	0.4000	0.4000	0.3796	0.1000	0.7052
telco-churn	0.8920	0.1080	0.8591	0.7175	0.5017
texture	0.9418	0.0106	0.9452	0.9359	0.0747
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin	0.9581	0.0419	0.4893	-0.0214	0.5700
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9764	0.9529	0.1491
tis10%	0.8358	0.1642	0.7705	0.5389	0.6557
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1500	0.3636	0.3684	0.1904
tox_171	0.3529	0.3235	0.3127	0.1302	0.5494
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.7647	0.2353	0.7684	0.5211	0.6923
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.5442	0.0881	0.8806
trec11-wc	0.7561	0.0542	0.7139	0.7012	0.2249
trec12-wc	0.7742	0.0565	0.8130	0.7294	0.1945
trec21-wc	0.7576	0.0970	0.5836	0.5636	0.4515
trec23-wc	0.9524	0.0159	0.9410	0.9344	0.0454
trec31-wc	0.9570	0.0143	0.9697	0.9429	0.0826
trec41-wc	0.9432	0.0114	0.8478	0.9309	0.0547
trec45-wc	0.8551	0.0290	0.7936	0.8318	0.1342
tuandromd	0.9865	0.0135	0.9793	0.9586	0.1449
turkish	0.7750	0.1125	0.7713	0.7000	0.2775
tvnews1%	0.8077	0.1923	0.7912	0.5817	0.6641
tvnews10%	0.8581	0.1419	0.8455	0.6892	0.5485
ur3_cobotops_grip	0.9701	0.0299	0.6868	0.3011	0.4026
ur3_cobotops_stop	0.9619	0.0381	0.7403	0.4802	0.5713
urban	0.8657	0.0299	0.8567	0.8417	0.1219
urinalysis	0.9371	0.0629	0.6841	0.3669	0.6148
ustilago1%	0.9805	0.0195	0.4951	-0.0099	0.5378
vehicle	0.7619	0.1190	0.7084	0.6776	0.2072
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.8372	0.1628	0.8474	0.6760	0.5146
vowel	0.4343	0.1028	0.4920	0.3778	0.3267
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9159	0.0841	0.6862	0.3365	0.5625
wap-wc	0.7179	0.0282	0.5870	0.6847	0.2148
warpar10p	0.6154	0.0769	0.5250	0.5667	0.1293
warppie10p	0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc1%	0.9870	0.0037	0.9867	0.9848	0.0273
watch-gyr1%	0.9857	0.0041	0.9853	0.9832	0.0307
water_pollution	0.2500	0.3750	0.2510	-0.0004	0.8605
waveform	0.7980	0.1347	0.7988	0.6972	0.4289
weather-related	0.9788	0.0038	0.9799	0.9760	0.0357
web-phishing	0.8519	0.0988	0.8014	0.7380	0.4150

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9750	0.0125	0.9750	0.9667	0.0511
wilt	0.9772	0.0228	0.8771	0.7540	0.3913
wine	0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red	0.5283	0.1572	0.2562	0.2489	0.5474
winequality-white	0.5746	0.1215	0.3384	0.3726	0.5737
wisc_bc	0.9474	0.0526	0.9443	0.8880	0.2925
yale	0.6875	0.0417	0.6700	0.6667	0.0696
yeast	0.5811	0.0838	0.4198	0.4607	0.3528
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9527	0.0473	0.6808	0.3410	0.5673
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495
zip	0.9118	0.0176	0.9057	0.9012	0.1379

Table 394: Detailed results for PART

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1391	0.0594	0.0965	0.0639	0.5945
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9847	0.0153	0.7182	0.3735	0.3579
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9604	0.0396	0.9158	0.8310	0.3201
adult	0.8614	0.1386	0.7995	0.5955	0.5952
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_KlekotaRothFingerprinter	0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter	0.8651	0.1349	0.4638	-0.0657	0.7371
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8586	0.0943	0.4037	0.0833	0.5456
AID1284Morered	0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red	0.8333	0.1667	0.6516	0.3032	0.7325
AID1608Morered	0.8835	0.1165	0.4691	-0.0600	0.6992
AID1608red	0.8932	0.1068	0.4718	-0.0559	0.6716
AID362red	0.9860	0.0140	0.7025	0.3932	0.5009
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9910	0.0090	0.4977	-0.0040	0.4041
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.6030	0.2045	0.8754
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9973	0.0027	0.7093	0.1814	0.0130
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8732	0.1268	0.8251	0.6497	0.5699
air_pollution	0.2200	0.2229	0.1623	0.0009	0.8818
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.9587	0.0413	0.9580	0.9158	0.2286
alcohol	0.8190	0.0724	0.5651	0.5939	0.2546
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.8977	0.1023	0.8870	0.7734	0.4503
anneal	0.9775	0.0090	0.9162	0.9533	0.1386
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9624	0.0188	0.9230	0.9281	0.1155
anuran-genus	0.9555	0.0111	0.8892	0.9270	0.1873
anuran-species	0.9653	0.0069	0.9205	0.9516	0.0681
anxiety	0.0750	0.2056	0.0705	-0.0418	0.8410
apple-quality	0.8000	0.2000	0.8000	0.6000	0.6644
aps-failure	0.9905	0.0095	0.8540	0.7026	0.3390
arabidopsis0.1%	0.9882	0.0118	0.4970	-0.0044	0.5347
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7000	0.3000	0.6875	0.3750	0.8278

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.7778	0.0444	0.6621	0.6614	0.2438
auction	0.9853	0.0147	0.9664	0.9305	0.0577
audiology	0.6522	0.0290	0.2378	0.6051	0.0508
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0500	0.7214	0.8046	0.1452
avila	0.9942	0.0010	0.9884	0.9925	0.0141
babies	0.3871	0.1751	0.1791	0.0785	0.7374
balance	0.8226	0.1183	0.7081	0.6993	0.3560
bank	0.8912	0.1088	0.7203	0.4402	0.6504
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8756	0.1244	0.8649	0.7165	0.4434
basehock	0.9296	0.0704	0.9300	0.8593	0.3350
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9952	0.0048	0.8695	0.7383	0.4184
biodeg	0.8286	0.1714	0.8227	0.6434	0.6157
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.3386	0.1934	0.3649
bitcoin10%	0.9866	0.0024	0.2692	0.2324	0.2953
body-perf	0.6948	0.1526	0.6945	0.5930	0.4555
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.4980	0.5020	0.4980	-0.0040	1.0000
breast-cancer	0.7500	0.2500	0.6826	0.3636	0.7920
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8611	0.7800	0.1069
bridges	0.7000	0.0857	0.4286	0.5833	0.0697
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9710	0.0290	0.9681	0.9361	0.1885
cancer-uae	0.4220	0.3853	0.3316	-0.0036	0.8139
car	0.9483	0.0259	0.9266	0.8857	0.1063
car-insurance	0.8110	0.1890	0.7820	0.5639	0.6767
card	0.7826	0.2174	0.7760	0.5518	0.7014
cardiotocography	0.8404	0.0319	0.8000	0.8094	0.2217
cardiotocography-nsp	0.9296	0.0469	0.8781	0.8064	0.2412
cardiovascular	0.7237	0.2763	0.7238	0.4473	0.7886
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.7738	0.6989	0.3550
cas_N6512_cdk_ECFP2	0.7527	0.2473	0.7504	0.4988	0.7424
cas_N6512_rdkit_ATOMPAIR	0.6969	0.3031	0.6938	0.3860	0.8237
cas_N6512_RDkit_AtomPair_FP	0.7163	0.2837	0.7136	0.4260	0.7988
cas_N6512_rdkit_AVALON	0.7573	0.2427	0.7561	0.5121	0.7395
cas_N6512_RDkit_Avalon_FP	0.7945	0.2055	0.7929	0.5852	0.6744
cas_N6512_rdkit_descriptors	0.7600	0.2400	0.7591	0.5181	0.7347
cas_N6512_rdkit_FEATMORGAN	0.7404	0.2596	0.7382	0.4762	0.7656
cas_N6512_RDkit_Featmorgan_FP	0.7377	0.2623	0.7361	0.4722	0.7699
cas_N6512_RDkit_FP	0.7377	0.2623	0.7353	0.4690	0.7665
cas_N6512_rdkit_LAYERED	0.7585	0.2415	0.7578	0.5153	0.7367
cas_N6512_RDkit_Layered_FP	0.7285	0.2715	0.7260	0.4495	0.7784
cas_N6512_rdkit_MACCS	0.7742	0.2258	0.7722	0.5428	0.7077

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7761	0.2239	0.7761	0.5514	0.7058
cas_N6512_rdkit_MORGAN	0.7631	0.2369	0.7612	0.5220	0.7297
cas_N6512_RDkit_morgan_FP	0.7147	0.2853	0.7129	0.4258	0.8027
cas_N6512_rdkit_PATTERN	0.7769	0.2231	0.7759	0.5517	0.7069
cas_N6512_RDkit_pattern_FP	0.7377	0.2623	0.7362	0.4725	0.7698
cas_N6512_rdkit_RDKITFP	0.7358	0.2642	0.7342	0.4683	0.7727
cas_N6512_rdkit_TORSION	0.7231	0.2769	0.7219	0.4437	0.7905
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.9368	0.0632	0.5871	0.1740	0.6210
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7617	0.2383	0.7407	0.4812	0.7489
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9628	0.0372	0.7434	0.4721	0.4960
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9335	0.0665	0.6145	0.2277	0.6375
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9422	0.0578	0.7176	0.4309	0.5810
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9186	0.0814	0.7723	0.5432	0.6013
children-anemia	0.9209	0.0396	0.9115	0.8817	0.1868
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9996	0.0004	0.8928	0.7740	0.1620
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9036	0.0964	0.6417	0.2818	0.6674
churn	0.8480	0.1520	0.7480	0.4891	0.6505
churn-bigml	0.9288	0.0712	0.8443	0.6606	0.3310
ci900367j_MACCS	0.6526	0.3474	0.6290	0.2580	0.8855
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.6189	0.3906	0.5082
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7944	0.1028	0.6749	0.6843	0.4523
climate	0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111	0.5000	0.3333	0.5588	0.1628	0.5130
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5782	0.2812	0.5562	0.3450	0.6813
cnae-9	0.9167	0.0185	0.9210	0.9062	0.0922
codon_usage	0.8488	0.0275	0.6568	0.8166	0.2802
coil20	0.8958	0.0104	0.9046	0.8903	0.0626
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.5679	0.1104	0.8482
colposcopies-2	0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3	0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6	0.6552	0.3448	0.7129	0.2927	0.5000
colposcopies-c	0.6207	0.3793	0.5909	0.1671	0.8101
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.8065	0.1290	0.7766	0.6936	0.2502
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.9850	0.0100	0.7587	0.6806	0.4244

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cottonmeloidogyne	0.7260	0.2740	0.7281	0.4525	0.7760
coupon	0.7019	0.2981	0.6962	0.3923	0.8219
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9906	0.0094	0.9799	0.9597	0.1089
covtypeT	0.9803	0.0197	0.9236	0.8471	0.3041
crabs	0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans	0.9996	0.0004	0.9357	0.8694	0.1630
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.9189	0.0270	0.7938	0.8337	0.2988
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.3750	0.0312	0.2571	0.3568	0.1004
customer-churn	0.9838	0.0162	0.7554	0.4767	0.3836
cybersecurity	0.1667	0.2778	0.1643	-0.0013	0.8726
cyclopentane	0.7407	0.2593	0.7500	0.4878	0.7287
cylinder-bands	0.8704	0.1296	0.8685	0.7364	0.5162
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.8260	0.1740	0.7139	0.3961	0.6433
defect	0.9599	0.0401	0.9228	0.8372	0.1899
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8825	0.1175	0.7165	0.4330	0.6636
depressed	0.7552	0.2448	0.5391	0.0778	0.8194
dermatology	0.8919	0.0360	0.8930	0.8655	0.1151
desharnais	0.5000	0.3333	0.2424	0.0000	0.5790
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5625	0.2917	0.6018	0.3086	0.5254
DIA	0.8500	0.1500	0.7849	0.5500	0.5687
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.9201	0.0799	0.8725	0.7382	0.4007
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5098	0.3268	0.4017	0.1096	0.7715
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.4167	0.5833	0.2941	0.0000	0.5271
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5155	0.4845	0.5137	0.0275	0.9911
drebin	0.9834	0.0166	0.9822	0.9643	0.1213
dropout	0.7111	0.1926	0.6446	0.5314	0.5597
drug-01	0.2819	0.2052	0.1310	-0.0139	0.7437
drug-02	0.4309	0.1626	0.2075	0.1480	0.7390
drug-03	0.6064	0.1125	0.1734	0.0900	0.6067
drug-04	0.4362	0.1611	0.2116	0.1588	0.8330
drug-05	0.6383	0.1033	0.1430	0.0830	0.8783
drug-06	0.2447	0.2158	0.1969	0.0887	0.7915

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-07	0.3138	0.1960	0.1116	-0.0721	0.5655
drug-08	0.4787	0.1489	0.2533	0.1971	0.7337
drug-09	0.8032	0.0562	0.1534	0.0277	0.5090
drug-10	0.4734	0.1505	0.2268	0.1670	0.7855
drug-11	0.7979	0.0578	0.1925	0.0916	0.7615
drug-12	0.7287	0.0775	0.2322	0.1336	0.7281
drug-13	0.5053	0.1413	0.2165	0.1910	0.7828
drug-14	0.5479	0.1292	0.2727	0.2644	0.6070
drug-15	0.6809	0.0912	0.2515	0.2078	0.8564
drug-16	0.4894	0.1459	0.2260	0.2237	0.7161
drug-17	0.2819	0.2052	0.2188	0.0943	0.8329
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6489	0.1003	0.1638	0.0574	0.7544
drybean	0.9140	0.0246	0.9294	0.8959	0.1365
ecoli	0.8529	0.0368	0.5426	0.7969	0.1316
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU	0.7576	0.2424	0.5493	0.0833	0.6139
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.3000	0.3500	0.3002	0.0640	0.8054
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.8184	0.1816	0.8185	0.6263	0.5934
eeg10%	0.2826	0.0897	0.2474	0.2064	0.7093
email_phishing	0.9874	0.0126	0.6613	0.1336	0.1776
eucalyptus	0.6301	0.1479	0.6224	0.5305	0.4306
euthyroid	0.9747	0.0253	0.9267	0.8527	0.2759
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9491	0.0509	0.9490	0.8976	0.2648
fakenews	0.4900	0.5100	0.4903	-0.0194	1.0000
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0163	0.1157	0.0019	0.0000	0.3803
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.9040	0.0320	0.6969	0.8492	0.2001
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9038	0.0481	0.8926	0.8672	0.1099
gas	0.9827	0.0058	0.9817	0.9791	0.0416
gastrointestinal	0.6875	0.2083	0.7174	0.5000	0.3613
gender	0.5705	0.2863	0.4324	0.1469	0.7051
german	0.7200	0.2800	0.6785	0.3503	0.8079
gestures	0.8622	0.0689	0.8629	0.8162	0.2754
gina	0.9135	0.0865	0.9136	0.8271	0.3917
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6667	0.1111	0.5248	0.5227	0.3094
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	0.9545	0.0455	0.8986	0.7755	0.4644
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7895	0.2105	0.7933	0.5730	0.6420
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.6000	0.2667	0.4912	0.4118	0.2946
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.8000	0.2000	0.7619	0.5238	0.7028

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
grub-damage	0.2667	0.3667	0.2269	-0.0061	0.7257
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.6667	0.3333	0.5739	0.1477	0.8809
hapt	0.9250	0.0125	0.7521	0.9113	0.0943
har	0.9771	0.0092	0.9756	0.9710	0.0578
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.9049	0.0272	0.5451	0.8594	0.2177
har7010%	0.9161	0.0240	0.6005	0.8751	0.2418
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.8492	0.0251	0.5538	0.7949	0.2837
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.7059	0.2941	0.6916	0.3511	0.7534
health-activity	0.6400	0.1800	0.2176	-0.0375	0.5835
heart	0.7778	0.2222	0.7794	0.5525	0.6913
heart-attack	0.7742	0.2258	0.7815	0.5526	0.6797
heart-c	0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure	0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum	0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6173	0.3827	0.6214	0.2394	0.9009
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.1429	0.2143	0.0714	0.0000	0.4354
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8853	0.1147	0.7880	0.5742	0.5934
hiva	0.9456	0.0544	0.6150	0.2299	0.6139
horse	0.6111	0.2593	0.5873	0.3217	0.6273
hotel-reservartions	0.8922	0.1078	0.8766	0.7527	0.4766
hr	0.7544	0.2456	0.4911	-0.0178	0.7855
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.9970	0.0020	0.9971	0.9955	0.0145
htru2	0.9765	0.0235	0.9266	0.8509	0.2354
hypothyroid	0.9867	0.0066	0.7049	0.9210	0.1346
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.7288	0.2712	0.6129	0.1631	0.7196
immuno-therapy	0.6667	0.3333	0.7404	0.3721	0.5239
instagram	0.9733	0.0133	0.9737	0.9644	0.0568
ionosphere	0.9143	0.0857	0.9146	0.8148	0.3671
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.8139	0.0143	0.8180	0.8064	0.1627
jm1	0.1938	0.8062	0.1623	0.0000	0.3824
jvowels	0.9157	0.0187	0.9112	0.9044	0.1380
kc1	0.8626	0.1374	0.6845	0.3196	0.5977
kc1-class-level-defectiveornot	0.6667	0.3333	0.6444	0.2857	0.8676
kc1-class-level-numericdefect	0.4286	0.0476	0.0333	0.1942	0.1529
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.4286	-0.0696	0.7839
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.9970	0.0005	0.7306	0.9949	0.0494
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.8661	0.0893	0.8224	0.7798	0.2239
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.7747	0.0250	0.7998	0.7486	0.2772
krvskp	0.9906	0.0094	0.9906	0.9811	0.0713
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.2517	0.2494	0.0670	0.0000	0.3690
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.4412	0.0279	0.2391	0.4222	0.0745
led24	0.6000	0.0800	0.5582	0.5518	0.1637
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8885	0.0086	0.8887	0.8840	0.1308
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7778	0.0296	0.8022	0.7616	0.0925
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9997	0.0003	0.9761	0.9522	0.1296
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0207
liver	0.4412	0.5588	0.4923	-0.0125	0.8747
loan	0.9789	0.0211	0.9777	0.9553	0.1486
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.6299	0.0673	0.4020	0.5338	0.6270
lrs	0.8113	0.0377	0.5520	0.7389	0.1613
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.6250	0.1071	0.4402	0.5385	0.1016
lung-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1	0.8000	0.0800	0.6543	0.5855	0.2341
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.6667	0.1111	0.4375	0.5500	0.1171
machine-failure	0.8936	0.1064	0.8915	0.7759	0.4097
madelon	0.6269	0.3731	0.6270	0.2538	0.9033
magic04	0.8601	0.1399	0.8437	0.6841	0.5409
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8225	0.6449	0.6199
marketing	0.9062	0.0938	0.7923	0.5672	0.5025
maternal	0.7228	0.1848	0.7362	0.5787	0.4843
math	0.8250	0.0875	0.7758	0.7366	0.2812
mba	0.8000	0.1333	0.4541	0.2434	0.5926
mental-disorders	0.8333	0.0833	0.8333	0.7778	0.1667
mental-health	0.2300	0.3080	0.2291	0.0362	0.8580
messidor	0.6087	0.3913	0.6114	0.2200	0.9076
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.9200	0.0160	0.9211	0.9111	0.0907
mfeat-fou	0.7500	0.0500	0.7485	0.7222	0.2260
mfeat-kar	0.8550	0.0290	0.8569	0.8389	0.1626
mfeat-mor	0.7000	0.0600	0.6976	0.6667	0.2134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-pix	0.9050	0.0190	0.9077	0.8944	0.1085
mfeat-zer	0.7550	0.0490	0.7501	0.7278	0.1904
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.5485	0.4132	0.4268
mobile	0.7308	0.0096	0.7428	0.7259	0.1226
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9836	0.0164	0.9820	0.9633	0.0783
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4067	0.1079	0.4527	0.3000	0.6112
musk	0.9652	0.0348	0.9311	0.8593	0.2328
MUT_ci300400a_cdk_ECFP2	0.7770	0.2230	0.7695	0.5388	0.7116
MUT_ci300400a_cdk_ECFP4	0.7820	0.2180	0.7750	0.5498	0.7031
MUT_ci300400a_cdk_ECFP6	0.7796	0.2204	0.7715	0.5412	0.7034
MUT_ci300400a_cdk_ESTATE	0.7782	0.2218	0.7698	0.5380	0.7064
MUT_ci300400a_cdk_EXTENDED	0.8082	0.1918	0.8023	0.6045	0.6551
MUT_ci300400a_cdk_FCFP2	0.7988	0.2012	0.7934	0.5868	0.6729
MUT_ci300400a_cdk_FCFP4	0.7962	0.2038	0.7898	0.5795	0.6777
MUT_ci300400a_cdk_FCFP6	0.7746	0.2254	0.7688	0.5376	0.7156
MUT_ci300400a_cdk_MACCS	0.8249	0.1751	0.8195	0.6388	0.6211
MUT_ci300400a_cdk_PUBCHEM	0.8359	0.1641	0.8304	0.6601	0.5957
MUT_ci300400a_cdk_STANDARD	0.8000	0.2000	0.7931	0.5857	0.6694
MUT_ci300400a_rdkit_descriptors	0.8170	0.1830	0.8131	0.6262	0.6365
myocardial	0.8471	0.0382	0.2797	0.4180	0.6313
naticusdroid	0.9635	0.0365	0.9635	0.9270	0.2105
NCI60	0.3333	0.2222	0.3333	0.2000	0.2759
nci9	0.3333	0.2222	0.2857	0.2000	0.2350
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8982	0.0107	0.4534	0.7260	0.7971
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9120	0.0880	0.6834	0.1846	0.3027
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9588	0.0412	0.9497	0.8994	0.2647
NPHA-doctor-visits	0.3889	0.4074	0.2671	-0.0973	0.8231
nursery	0.9969	0.0015	0.9976	0.9955	0.0090
obesity	0.9194	0.0230	0.9194	0.9059	0.1068
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9917	0.0083	0.9886	0.9770	0.1018
Occupancy_Estimation	0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.6667	0.0667	0.6672	0.6191	0.3204
oh15-wc	0.7717	0.0457	0.7694	0.7395	0.2115
oh5-wc	0.6923	0.0615	0.7052	0.6536	0.2844
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9451	0.9339	0.0357
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9161	0.0839	0.6787	0.3232	0.5721
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9181	0.0164	0.9211	0.9090	0.1091
optdigitsZ	0.9911	0.0089	0.9728	0.9456	0.1683
orl	0.6000	0.0200	0.5647	0.5897	0.0766
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9723	0.0277	0.7876	0.5740	0.4983
ozone8hr	0.9012	0.0988	0.5185	0.0309	0.6828
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7320	0.2680	0.7015	0.4029	0.7968
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8333	0.1667	0.8335	0.6663	0.5961
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9799	0.0080	0.9182	0.8858	0.1650
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.8673	0.1327	0.8607	0.7208	0.5334
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8908	0.1092	0.8772	0.7465	0.4943
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6644	0.2997	0.5774
pcmac	0.5309	0.4691	0.4687	-0.0507	0.9580
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7770	0.5472	0.6265
pediatric-leukemia	0.6765	0.0924	0.7066	0.6112	0.2448
pendigits	0.9672	0.0066	0.9673	0.9636	0.0553
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7697	0.2303	0.7535	0.5069	0.7321
personalities	0.7973	0.0253	0.7974	0.7838	0.2893
pet-adoption	0.9300	0.0700	0.9200	0.8380	0.3323
phishing	0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.8675	0.0378	0.8575	0.8452	0.1472
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.9009	0.0283	0.8925	0.8842	0.1208
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8204	0.1796	0.8181	0.6108	0.5938
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6842	0.3158	0.6609	0.2621	0.7280
pirvision	0.9980	0.0013	0.9966	0.9938	0.0054
placement	0.7690	0.2310	0.7629	0.5257	0.7250
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4888	0.1461	0.2693	0.0822	0.6334
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9630	0.0370	0.6471	0.1266	0.2686
polish-2nd	0.9597	0.0403	0.6347	0.2112	0.4864
polish-3rd	0.9495	0.0505	0.5401	0.0279	0.4040
polish-4th	0.9612	0.0388	0.7656	0.4698	0.3320
polish-5th	0.9543	0.0457	0.7931	0.5496	0.3677
polya	0.7222	0.2778	0.6922	0.3835	0.8084
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9819	0.0072	0.9817	0.9774	0.0482
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7390	0.4412	0.6911
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.3333	0.0606	0.1730	0.2681	0.1963
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6119	0.3881	0.5703	0.1402	0.9143

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
promoters	0.6000	0.4000	0.5519	0.0909	0.9071
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9722	0.0111	0.9434	0.9627	0.0685
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5025	0.4975	0.5025	0.0050	0.9985
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9832	0.0168	0.9486	0.8958	0.1738
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.7600	0.0369	0.7100	0.6896	0.3681
re1-wc	0.8133	0.0149	0.6792	0.7867	0.1749
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9863	0.0137	0.9862	0.9722	0.0900
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6444	0.3556	0.6200	0.2337	0.8857
RT_IOT2022	0.9983	0.0003	0.9822	0.9957	0.0054
satimage	0.8678	0.0441	0.8494	0.8376	0.2100
satimageF	0.9907	0.0093	0.9760	0.9519	0.1413
satimageT	0.9145	0.0855	0.8048	0.5980	0.5870
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.5000	0.0000	0.9694
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9038	0.0962	0.4747	-0.0446	0.6930
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9524	0.0136	0.9560	0.9443	0.0675
segmentation	0.8218	0.1782	0.8046	0.6091	0.6411
segmentO	0.9913	0.0087	0.9826	0.9647	0.0385
seismic	0.9302	0.0698	0.6058	0.1566	0.5451
semeion	0.9811	0.0189	0.9467	0.8928	0.2097
sens-1-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sens-10-gram	0.8530	0.1470	0.6138	0.2087	0.7083
sens-2-gram	0.8579	0.1421	0.5739	0.1047	0.6534
sens-3-gram	0.8474	0.1526	0.6427	0.2835	0.7252
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8579	0.1421	0.5635	0.0823	0.6398
sensorless	0.9901	0.0018	0.9901	0.9891	0.0184
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8808	0.1192	0.7660	0.5316	0.6279
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9814	0.0186	0.9205	0.8276	0.0656
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9995	0.0005	0.9992	0.9984	0.0098
skin10%	0.9971	0.0029	0.9957	0.9913	0.0394
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1561	-0.1218	0.9005

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.7511	0.2489	0.7387	0.4758	0.7553
soil_pollution	0.1967	0.3213	0.1977	-0.0044	0.8731
solar-flare	0.7482	0.0839	0.6190	0.6787	0.2408
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.9412	0.0062	0.9612	0.9355	0.0344
spam-detection	0.9540	0.0460	0.8739	0.7446	0.4745
spambase	0.9217	0.0783	0.9179	0.8357	0.3713
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8857	0.1143	0.8600	0.7200	0.5179
spectrometer	0.5094	0.0204	0.2219	0.4825	0.1232
splice-EI	0.9685	0.0315	0.9591	0.9178	0.2408
splice-IE	0.9464	0.0536	0.9245	0.8480	0.3133
sport-articles	0.7900	0.2100	0.7761	0.5520	0.6977
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9024	0.0651	0.8777	0.8411	0.2257
steel-b	0.8667	0.1333	0.7799	0.5001	0.4386
steel-d	0.9897	0.0103	0.9140	0.8280	0.3214
steel-k	0.9949	0.0051	0.9921	0.9841	0.0266
steel-o	0.7949	0.2051	0.7775	0.5545	0.6928
steel-p	0.9436	0.0564	0.8075	0.6146	0.5232
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.9795	0.0205	0.9397	0.8776	0.2019
stellar	0.9718	0.0188	0.9678	0.9500	0.1126
stock	0.9792	0.0208	0.9654	0.9306	0.2119
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.5700	0.1720	0.3693	0.3175	0.5338
student-depression	0.7875	0.2125	0.7804	0.5608	0.6941
student-habits	0.2600	0.2960	0.1436	-0.0979	0.7433
student-weekend	0.2615	0.2954	0.2830	0.0364	0.7859
student-workday	0.6562	0.1375	0.2185	0.1183	0.4915
studentap	0.2308	0.5128	0.2476	-0.1404	0.7670
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7864	0.2136	0.7874	0.5623	0.6529
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.5374	0.2000	0.5772
telco-churn	0.8963	0.1037	0.8656	0.7310	0.4932
texture	0.9436	0.0102	0.9464	0.9378	0.0741
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7447	0.2553	0.4268	-0.1417	0.8293
thrombin	0.0209	0.9791	0.0205	0.0000	0.0580
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9764	0.9529	0.1491
tis	0.8489	0.1511	0.7968	0.5936	0.6304
tis10%	0.8358	0.1642	0.7705	0.5389	0.6557
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.3529	0.3235	0.3127	0.1302	0.5494
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.7647	0.2353	0.7424	0.4848	0.7453
trains	0.5000	0.5000	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
transfusion	0.7067	0.2933	0.5980	0.1959	0.8482
trec11-wc	0.7805	0.0488	0.6932	0.7330	0.1966
trec12-wc	0.7742	0.0565	0.8130	0.7294	0.1945
trec21-wc	0.7576	0.0970	0.5836	0.5636	0.4515
trec23-wc	0.9524	0.0159	0.9410	0.9344	0.0454
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.8977	0.0205	0.7315	0.8746	0.1124
trec45-wc	0.8551	0.0290	0.7936	0.8318	0.1342
tuandromd	0.9910	0.0090	0.9861	0.9722	0.0959
turkish	0.7000	0.1500	0.7175	0.6000	0.3221
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8154	0.1846	0.7990	0.5967	0.6468
tvnews10%	0.8612	0.1388	0.8530	0.7052	0.5508
ur3_cobotops_grip	0.9660	0.0340	0.7027	0.4013	0.5585
ur3_cobotops_stop	0.9578	0.0422	0.7176	0.4343	0.5865
urban	0.8358	0.0365	0.8428	0.8073	0.1601
urinalysis	0.9720	0.0280	0.8518	0.6538	0.0890
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.9805	0.0195	0.4951	-0.0099	0.5378
vehicle	0.7381	0.1310	0.6981	0.6460	0.3260
vehicleVAN	0.9643	0.0357	0.9533	0.9062	0.2616
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.8372	0.1628	0.8474	0.6760	0.5146
vowel	0.4343	0.1028	0.4920	0.3778	0.3267
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.6923	0.0615	0.6557	0.6533	0.1098
warppie10p	0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.9757	0.0069	0.9751	0.9716	0.0485
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.9838	0.0046	0.9836	0.9811	0.0335
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2300	0.3850	0.2289	-0.0267	0.8785
waveform	0.7520	0.1653	0.7558	0.6283	0.4738
weather-related	0.9788	0.0038	0.9807	0.9760	0.0332
web-phishing	0.8444	0.1037	0.7891	0.7257	0.4341
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9959	0.0016	0.9958	0.9948	0.0132
white-clover	0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc	0.9800	0.0100	0.9801	0.9733	0.0474
wilt	0.9814	0.0186	0.8962	0.7903	0.3078
wine	0.8824	0.0784	0.8772	0.7914	0.2297
winequality-red	0.6226	0.1258	0.4419	0.4161	0.4621
winequality-white	0.5746	0.1215	0.3286	0.3662	0.5954
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9850	0.0043	0.9862	0.9810	0.0350
wisc_bc	0.9474	0.0526	0.9443	0.8880	0.2925
yale	0.6875	0.0417	0.6700	0.6667	0.0696
yeast	0.5270	0.0946	0.3939	0.3939	0.4590
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9595	0.0405	0.6146	0.2292	0.5992
yeastME1	0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495
zip	0.9075	0.0185	0.8989	0.8964	0.1433

Table 395: Detailed results for PARTDSA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0695	0.0642	0.0127	-0.0111	0.3680
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8235	0.1765	0.7285	0.4292	0.6395
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8732	0.1268	0.8211	0.5898	0.3599
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7238	0.1105	0.2884	0.2232	0.1959
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.9349	0.0651	0.9285	0.8541	0.2971
anneal	0.7528	0.0989	0.4836	0.4979	0.2363
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8623	0.0688	0.4469	0.7122	0.1853
anuran-genus	0.8039	0.0490	0.2979	0.6636	0.2187
anuran-species	0.7056	0.0589	0.2260	0.5673	0.1863
anxiety	0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.8500	0.1500	0.8540	0.6667	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.6222	0.0581	0.1587	0.3719	0.2358
auction	0.9265	0.0735	0.8225	0.6398	0.4872
audiology	0.4783	0.0435	0.0781	0.3551	0.1631
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.5000	0.1667	0.2955	0.3289	0.3506
avila	0.5113	0.0815	0.1666	0.3148	0.2861
babies	0.4677	0.1521	0.1533	0.1436	0.3493
balance	0.6774	0.2151	0.4804	0.3861	0.4091
bank	0.9009	0.0991	0.7187	0.4256	0.6083
banknote	0.8905	0.1095	0.9013	0.7836	0.3494
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8157	0.1843	0.7955	0.5824	0.6262
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.7143	0.2857	0.7071	0.4112	0.7983
biomed	0.8571	0.1429	0.8568	0.6736	0.3386
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%	0.0000	0.0690	0.0000	0.0000	0.0139
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.3636	0.6364	0.3667	-0.2623	1.0000
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.3636	0.2121	0.3164	0.2524	0.2820
bridges	0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9130	0.0870	0.9164	0.8189	0.3522
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7471	0.1264	0.3997	0.5223	0.2526
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.5352	0.0930	0.2082	0.4065	0.2322
cardiotocography-nsp	0.8263	0.1158	0.4959	0.4419	0.3571
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5022	0.4702	0.3486
cas_N6512_cdk_ECFP2	0.5853	0.4147	0.6205	0.2010	0.8158
cas_N6512_rdkit_ATOMPAIR	0.6154	0.3846	0.6185	0.2346	0.9052
cas_N6512_RDkit_AtomPair_FP	0.6350	0.3650	0.6384	0.2739	0.8849
cas_N6512_rdkit_AVALON	0.6590	0.3410	0.6563	0.3124	0.8714
cas_N6512_RDkit_Avalon_FP	0.6488	0.3512	0.6479	0.2956	0.8806
cas_N6512_rdkit_descriptors	0.6338	0.3662	0.6471	0.2805	0.8538
cas_N6512_rdkit_FEATMORGAN	0.6329	0.3671	0.6634	0.2883	0.7869
cas_N6512_RDkit_Featmorgan_FP	0.6334	0.3666	0.6677	0.2906	0.7692
cas_N6512_RDkit_FP	0.6273	0.3727	0.6318	0.2598	0.8898
cas_N6512_rdkit_LAYERED	0.6631	0.3369	0.6640	0.3268	0.8611
cas_N6512_RDkit_Layered_FP	0.6610	0.3390	0.6611	0.3214	0.8656
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7071	0.2929	0.7070	0.4133	0.8100
cas_N6512_rdkit_MORGAN	0.5985	0.4015	0.6537	0.2322	0.7162
cas_N6512_RDkit_morgan_FP	0.5874	0.4126	0.6443	0.2123	0.7198
cas_N6512_rdkit_PATTERN	0.6385	0.3615	0.6336	0.2637	0.8875
cas_N6512_RDkit_pattern_FP	0.6518	0.3482	0.6476	0.2930	0.8759
cas_N6512_rdkit_RDKITFP	0.5991	0.4009	0.6094	0.2103	0.8987
cas_N6512_rdkit_TORSION	0.6108	0.3892	0.6383	0.2448	0.8226
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6166	0.3834	0.6119	0.2176	0.8794
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8094	0.5869	0.3207
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9994	0.0006	0.8218	0.6204	0.2692
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8020	0.1980	0.6294	0.0568	0.4128
churn-bigml	0.8577	0.1423	0.6292	0.1878	0.5964
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0300	0.0194	0.0019	0.0202	0.3393
cirrhosis	0.6190	0.2540	0.3944	0.1724	0.4431
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.5407	0.2296	0.3158	0.2366	0.3886
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.4167	0.3889	0.5475	0.1064	0.4164
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4626	0.3583	0.3491	0.1614	0.5808
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.5042	0.0901	0.1781	0.3724	0.2854
coil20	0.1458	0.0854	0.0471	0.1022	0.3068
college	0.8442	0.1558	0.8252	0.6393	0.5984
collins	0.3800	0.0827	0.1144	0.2851	0.2224
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6897	0.3103	0.6221	0.1767	0.7276
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.7742	0.2258	0.7875	0.5432	0.6349
column-3c	0.7742	0.1505	0.5665	0.6200	0.1957
connect-4	0.9812	0.0125	0.4888	0.3236	0.0358
cottonmeloidogyne	0.6202	0.3798	0.6262	0.2423	0.8820
coupon	0.6262	0.3738	0.6445	0.2727	0.8487
covid19	0.3638	0.1818	0.0762	0.0000	0.2356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.6303	0.1056	0.1940	0.3425	0.2931
covtypeCD	0.8738	0.1262	0.6648	0.1504	0.3713
covtypeT	0.9343	0.0657	0.7122	0.4150	0.5797
crabs	0.6500	0.1750	0.5979	0.5333	0.1855
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.7843	0.0719	0.3341	0.4941	0.2503
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.0000	0.0500	0.0000	0.0000	0.2999
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.5556	0.4444	0.3571	0.0000	0.5164
cylinder-bands	0.6852	0.3148	0.6940	0.2971	0.6308
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8263	0.1737	0.7128	0.3858	0.6261
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8894	0.1106	0.6478	0.1977	0.5009
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.6757	0.1081	0.4217	0.5755	0.1410
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.6847	0.4607	0.3867
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.3408	0.0734	0.5354
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.7099	0.8351	0.0660
diamonds_all	0.6326	0.1470	0.3834	0.4657	0.3150
dishonest	0.8438	0.1562	0.8238	0.6460	0.6069
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7201	0.1866	0.5232	0.5018	0.3741
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3989	0.1717	0.1584	0.2181	0.3829
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5798	0.1201	0.1684	0.1409	0.3175
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5957	0.1155	0.1805	0.1404	0.3322
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5904	0.1170	0.1906	0.3146	0.3062
drug-17	0.3245	0.1930	0.0700	0.0000	0.3521
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.5040	0.1417	0.2887	0.3973	0.2602
ecoli	0.7353	0.0662	0.2945	0.6241	0.1549
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6068	0.3932	0.6149	0.2238	0.8987
eeg10%	0.2301	0.0962	0.0627	0.1233	0.4083
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4932	0.2027	0.3473	0.3337	0.3888
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8555	0.1446	0.8557	0.7107	0.5467
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.4553	0.0641	0.1160	0.3488	0.2821
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.6875	0.1042	0.4398	0.5722	0.1539
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.7692	0.1154	0.6278	0.6757	0.1951
gas	0.4982	0.1673	0.3250	0.3723	0.3504
gastrointestinal	0.6250	0.2500	0.4710	0.3684	0.3556
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.7319	0.1788	0.6928	0.5604	0.4124
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.5238	0.1587	0.3244	0.2734	0.2258
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.8571	0.1429	0.8740	0.7175	0.4205
glassBWNFP	0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.6000	0.2000	0.4000	0.4444	0.1161
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.2576	0.1346	0.4553
gsalc	0.5556	0.1481	0.3898	0.4627	0.1551
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har	0.3644	0.2542	0.2732	0.1218	0.3594
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7606	0.0684	0.3878	0.6120	0.1565
har7010%	0.7574	0.0693	0.3866	0.6071	0.1645
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6558	0.0574	0.1898	0.5024	0.1975
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.4375	0.3750	0.2029	0.0000	0.3849
hcc-survival	0.5294	0.4706	0.5589	0.1053	0.9033
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7329	0.4220	0.6660
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.6333	0.3667	0.6528	0.2326	0.7201
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.7988	0.2012	0.8065	0.5967	0.6131
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6155	0.3845	0.6122	0.2233	0.9141
higgs1%	0.6320	0.3680	0.6320	0.2636	0.8971
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1449	0.1083	0.3589
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8398	0.1602	0.6389	0.1583	0.5162
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9771	0.0229	0.9291	0.8573	0.2568
hypothyroid	0.9682	0.0159	0.6690	0.8290	0.2411
hypothyroidT	0.9894	0.0106	0.9660	0.9297	0.2551
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.3313	0.1486	0.1759	0.2271	0.3555
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.7513	0.4912	0.6905
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9771	0.0035	0.2258	0.9611	0.0247
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2385	0.0846	0.0581	0.1247	0.3853
krvskp	0.7774	0.2226	0.8064	0.5443	0.4404
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.0882	0.0456	0.0125	0.0664	0.2632
led24	0.2500	0.1500	0.1019	0.1620	0.2958
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0940	0.0697	0.0256	0.0587	0.3728
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.1389	0.1148	0.0497	0.0882	0.3300
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6765	0.3235	0.5565	0.0603	0.7318
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.4023	0.1087	0.0924	0.1437	0.3440
lrs	0.5472	0.0906	0.2133	0.3937	0.1997
lung	0.7143	0.1143	0.3899	0.4592	0.2456
lung_discrete	0.2500	0.2143	0.1224	0.0769	0.3360
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4153	0.5484	0.1893
lymphoma2	0.5556	0.0988	0.1481	0.3333	0.1709
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.6654	0.3346	0.6754	0.3308	0.8112
magic04	0.7680	0.2320	0.7486	0.4080	0.5088
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8261	0.6402	0.5767
marketing	0.8661	0.1339	0.6818	0.3332	0.6348
maternal	0.5644	0.2904	0.4541	0.3425	0.4652
math	0.7500	0.1250	0.5888	0.6219	0.2551
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.4167	0.2917	0.2922	0.2222	0.3015
mental-health	0.1933	0.3227	0.1132	-0.0150	0.5272
messidor	0.5913	0.4087	0.6413	0.2306	0.7738
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.3333	0.3333	0.2308	0.1111	0.3708
meter-D	0.6667	0.1667	0.6250	0.5200	0.1792
mfeat-fac	0.2800	0.1440	0.1454	0.2000	0.3154
mfeat-fou	0.2900	0.1420	0.1545	0.2111	0.3013
mfeat-kar	0.2900	0.1420	0.1363	0.2111	0.3286
mfeat-mor	0.3000	0.1400	0.1680	0.2222	0.2430
mfeat-pix	0.2950	0.1410	0.1510	0.2167	0.2932
mfeat-zer	0.2800	0.1440	0.1904	0.2000	0.3307
mice-prot	0.4074	0.1481	0.2281	0.3137	0.1999
milk	0.6226	0.2516	0.5216	0.4001	0.3270
mines	0.5588	0.1765	0.4103	0.4420	0.3115
mobile	0.0490	0.0340	0.0053	0.0320	0.3360
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7679	0.2321	0.7886	0.5285	0.5651
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	0.8831	0.1169	0.8900	0.7675	0.4161
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.8530	0.1470	0.6951	0.3859	0.6924
MUT_ci300400a_cdk_ECFP2	0.6127	0.3873	0.6492	0.2645	0.8059
MUT_ci300400a_cdk_ECFP4	0.5760	0.4240	0.6154	0.2001	0.8349
MUT_ci300400a_cdk_ECFP6	0.5940	0.4060	0.6246	0.2247	0.8445
MUT_ci300400a_cdk_ESTATE	0.6475	0.3525	0.6590	0.3068	0.8436
MUT_ci300400a_cdk_EXTENDED	0.6906	0.3094	0.6901	0.3771	0.8242
MUT_ci300400a_cdk_FCFP2	0.6072	0.3928	0.6500	0.2594	0.7907
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.5983	0.4017	0.6365	0.2395	0.8161
MUT_ci300400a_cdk_MACCS	0.6775	0.3225	0.6640	0.3266	0.8538
MUT_ci300400a_cdk_PUBCHEM	0.6898	0.3102	0.7050	0.3926	0.7811
MUT_ci300400a_cdk_STANDARD	0.6539	0.3461	0.6585	0.3109	0.8542
MUT_ci300400a_rdkit_descriptors	0.6779	0.3221	0.6923	0.3690	0.8002
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.5585	0.4415	0.6331	0.1151	0.5773
NCI60	0.3333	0.2222	0.2857	0.2000	0.2809
nci9	0.1667	0.1852	0.0741	0.0625	0.2154
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8503	0.0158	0.0883	0.4950	0.1238
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6019	0.3981	0.6088	0.2120	0.9067
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.8517	0.1483	0.8263	0.6501	0.5993
NPHA-doctor-visits	0.5278	0.3148	0.3453	0.0270	0.4882
nursery	0.7631	0.0948	0.4789	0.6473	0.1648
obesity	0.3981	0.1720	0.2601	0.2993	0.2794
obs	0.7222	0.1389	0.7000	0.5540	0.1399
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.8756	0.0622	0.5426	0.6285	0.1311
oh0-wc	0.4356	0.1129	0.2438	0.3164	0.2739
oh10-wc	0.3524	0.1295	0.2411	0.2355	0.2989
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.5614	0.0975	0.2353	0.4129	0.1786
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.2402	0.1520	0.1132	0.1607	0.3635
optdigitsZ	0.9573	0.0427	0.8928	0.7734	0.4682
orl	0.0750	0.0462	0.0106	0.0513	0.3035
orlraws10P	0.2000	0.1600	0.1091	0.1111	0.2815
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7474	0.2526	0.7048	0.4000	0.7644
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8016	0.1984	0.8007	0.5995	0.6562
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9488	0.0205	0.5329	0.6895	0.2732
parkinson	0.9583	0.0417	0.9592	0.9151	0.2119

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons	0.7536	0.2464	0.7316	0.4323	0.6884
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8300	0.1700	0.7759	0.5318	0.6003
pasture	0.5000	0.3333	0.5333	0.3333	0.1875
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.6608	0.3214	0.8025
pediatric-leukemia	0.5882	0.1176	0.3229	0.4758	0.2501
pendigits	0.2921	0.1416	0.1417	0.2116	0.3185
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.7150	0.2850	0.6841	0.3676	0.8151
phishing	0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.3308	0.1912	0.2091	0.2205	0.3888
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.4322	0.1622	0.2731	0.3242	0.2979
phone-gyr1%	0.4210	0.1654	0.2671	0.3109	0.3053
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7574	0.2426	0.7413	0.4669	0.7195
phy	0.4972	0.5028	0.3321	0.0000	0.5287
pima	0.7368	0.2632	0.7180	0.4294	0.7687
pirvision	0.9817	0.0122	0.9694	0.9431	0.1227
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7368	0.2632	0.7531	0.4809	0.6961
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5054	0.0989	0.1017	0.0253	0.2388
poker10%	0.5059	0.1235	0.1271	0.0199	0.2383
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9551	0.0449	0.7294	0.4288	0.4797
polish-5th	0.9340	0.0660	0.6550	0.1225	0.2859
polya	0.6692	0.3308	0.6455	0.2906	0.8639
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.4978	0.2009	0.3809	0.3741	0.3395
pred-tox_mutagen_ref-desc	0.5735	0.4265	0.5778	0.1471	0.9222
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.1515	0.0771	0.0303	0.0806	0.2986
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.7000	0.3000	0.7041	0.4000	0.7967
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.5849	0.1661	0.3017	0.4119	0.2578
puc-rio10%	0.5836	0.1666	0.3007	0.4100	0.2603
pufs-1281%	0.4883	0.5117	0.4883	-0.0233	1.0000
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.4988	0.5012	0.4988	-0.0021	0.9491
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.5400	0.0708	0.1069	0.3050	0.2787
re1-wc	0.4639	0.0429	0.0939	0.3246	0.2556
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.6174	0.1275	0.3711	0.5062	0.2791
satimageF	0.9627	0.0373	0.8974	0.7862	0.2607
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5588	0.4412	0.5648	0.1176	0.9174
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.6294	0.3706	0.6505	0.2800	0.8348
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.3896	0.1744	0.2989	0.2959	0.2378
segmentation	0.7970	0.2030	0.7769	0.5534	0.6891
segmentO	0.9351	0.0649	0.8622	0.6836	0.1749
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9560	0.0440	0.8819	0.7633	0.4382
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.2727	0.1322	0.1222	0.1999	0.2367
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8646	0.1354	0.7816	0.5510	0.6342
shuttle	0.9943	0.0016	0.4254	0.9839	0.0078
sick	0.9761	0.0239	0.8960	0.7685	0.0796
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.8824	0.1176	0.8288	0.6561	0.5764
skin10%	0.8734	0.1266	0.8145	0.6279	0.5989
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2033	0.3187	0.1174	-0.0038	0.4831
solar-flare	0.6691	0.1103	0.4455	0.5675	0.1476
sonar	0.6000	0.4000	0.6269	0.2000	0.7816
soybean	0.3235	0.0712	0.0775	0.2346	0.2269
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.7978	0.2022	0.7975	0.5893	0.6604
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.2500	0.0556	0.0454	0.1739	0.2729
splice-EI	0.9369	0.0631	0.9200	0.8382	0.3796
splice-IE	0.8139	0.1861	0.8228	0.5918	0.5348
sport-articles	0.7500	0.2500	0.7590	0.5000	0.7043
squash-stored	0.4000	0.4000	0.3030	0.0000	0.5733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7066	0.1956	0.5284	0.5140	0.2763
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9744	0.0256	0.7350	0.4328	0.4212
steel-k	0.9538	0.0462	0.9273	0.8516	0.2615
steel-o	0.7282	0.2718	0.6848	0.3042	0.6739
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8403	0.1597	0.7673	0.5244	0.6612
stockb	0.9824	0.0117	0.9825	0.9736	0.0528
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.5556	0.1778	0.4582	0.4462	0.1926
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4308	0.2277	0.2044	0.1579	0.4100
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.4297	0.2500	0.4889
susy1%	0.7334	0.2666	0.7394	0.4710	0.7528
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.5344	0.2000	0.5887
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.2255	0.1408	0.1158	0.1615	0.2887
theorem	0.6841	0.3159	0.7557	0.4135	0.5120
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.6737	0.3263	0.6434	0.2861	0.8589
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7910	0.2090	0.7186	0.4371	0.7414
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.3529	0.3235	0.2625	0.1538	0.3884
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.8095	0.0635	0.4280	0.7246	0.1365
trec31-wc	0.7419	0.0860	0.4417	0.6420	0.1760
trec41-wc	0.6136	0.0773	0.2537	0.5111	0.1961
trec45-wc	0.4928	0.1014	0.2387	0.3949	0.2535
tuandromd	0.9619	0.0381	0.9417	0.8831	0.2949
turkish	0.5500	0.2250	0.4921	0.4000	0.4218
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.7615	0.2385	0.7397	0.4316	0.6327
tvnews10%	0.7564	0.2436	0.7349	0.4691	0.7555
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.4328	0.1260	0.2075	0.3212	0.2550

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.5000	0.2500	0.4741	0.3484	0.3450
vehicleVAN	0.9167	0.0833	0.8873	0.7742	0.4332
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.1919	0.1469	0.0929	0.1111	0.3237
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.3205	0.0679	0.0797	0.2153	0.3326
warpar10p	0.0769	0.1846	0.0200	0.0000	0.3191
warppie10p	0.2381	0.1524	0.1121	0.1579	0.2978
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.3479	0.1863	0.2460	0.2278	0.3604
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.3649	0.1814	0.2227	0.2576	0.3669
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.5760	0.2827	0.5774	0.3632	0.5628
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8000	0.1333	0.5513	0.6221	0.3391
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc	0.7500	0.1250	0.6776	0.6667	0.1172
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5723	0.1426	0.2077	0.2704	0.3232
winequality-white	0.5092	0.1402	0.1663	0.1887	0.3398
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.6667	0.3333	0.6590	0.1174	0.4718
yale	0.1875	0.1083	0.0660	0.1333	0.2696
yeast	0.3581	0.1284	0.1662	0.1955	0.2960
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.3828	0.1234	0.2024	0.2804	0.2763

Table 396: Detailed results for PCANN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1079	0.0615	0.0502	0.0201	0.4563
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.6000	0.4000	0.6000	0.2000	0.9288
ads	0.8994	0.1006	0.8382	0.6550	0.5587
adult	0.8505	0.1495	0.7792	0.5495	0.6092
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.4000	0.6000	0.3902	-0.2000	0.9308
AID644red	0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.9155	0.0845	0.8821	0.7617	0.4213
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7714	0.0914	0.3801	0.4560	0.3057
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8651	0.1349	0.8502	0.6986	0.5339
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9583	0.0209	0.7114	0.9199	0.0991
anuran-genus	0.9207	0.0198	0.6183	0.8688	0.1685
anuran-species	0.9361	0.0128	0.7283	0.9105	0.0806
anxiety	0.1167	0.1963	0.1154	0.0067	0.8077
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6500	0.3500	0.6641	0.3137	0.8299

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.7111	0.0444	0.3001	0.5297	0.2127
auction	0.9510	0.0490	0.8822	0.7555	0.3182
audiology	0.5652	0.0362	0.1624	0.4820	0.1272
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.8966	0.1034	0.9058	0.7943	0.3261
autos	0.8000	0.0667	0.6659	0.7394	0.1898
avila	0.6248	0.0625	0.4015	0.4674	0.3402
babies	0.4516	0.1567	0.1547	0.1375	0.3585
balance	0.9194	0.0538	0.8221	0.8501	0.1639
bank	0.9107	0.0893	0.7674	0.5338	0.5931
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8963	0.1037	0.8868	0.7681	0.4193
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9970	0.0030	0.9084	0.8121	0.2047
bio10%	0.9959	0.0041	0.8930	0.7836	0.4083
biodeg	0.9048	0.0952	0.9003	0.8000	0.4323
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%	0.0000	0.0690	0.0000	0.0000	0.0139
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.6242	0.2432	0.8417
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.5977	0.6700	0.0888
bridges	0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9770	0.0115	0.9709	0.9516	0.1357
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.7934	0.0413	0.6299	0.7507	0.2099
cardiotocography-nsp	0.9108	0.0595	0.8420	0.7461	0.2704
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9949	0.0034	0.9948	0.9924	0.0173
cars	0.7750	0.1500	0.7037	0.5890	0.4099
cas_N6512_cdk_ECFP2	0.7035	0.2965	0.7007	0.4006	0.8169
cas_N6512_rdkit_ATOMPAIR	0.6892	0.3108	0.6909	0.3798	0.8282
cas_N6512_RDkit_AtomPair_FP	0.7040	0.2960	0.7039	0.4071	0.8140
cas_N6512_rdkit_AVALON	0.7512	0.2488	0.7522	0.5026	0.7433
cas_N6512_RDkit_Avalon_FP	0.7209	0.2791	0.7191	0.4381	0.7942
cas_N6512_rdkit_descriptors	0.7585	0.2415	0.7573	0.5146	0.7375
cas_N6512_rdkit_FEATMORGAN	0.7066	0.2934	0.7046	0.4092	0.8136
cas_N6512_RDkit_Featmorgan_FP	0.7316	0.2684	0.7318	0.4627	0.7753
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.7600	0.2400	0.7632	0.5219	0.7216
cas_N6512_RDkit_Layered_FP	0.7500	0.2500	0.7479	0.4955	0.7506
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7929	0.2071	0.7932	0.5853	0.6755
cas_N6512_rdkit_MORGAN	0.7369	0.2631	0.7352	0.4703	0.7711
cas_N6512_RDkit_morgan_FP	0.7377	0.2623	0.7372	0.4740	0.7683
cas_N6512_rdkit_PATTERN	0.6923	0.3077	0.6968	0.3885	0.8158
cas_N6512_RDkit_pattern_FP	0.7531	0.2469	0.7541	0.5064	0.7406
cas_N6512_rdkit_RDKITFP	0.7158	0.2842	0.7199	0.4348	0.7854
cas_N6512_rdkit_TORSION	0.6846	0.3154	0.6833	0.3665	0.8407
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8491	0.1006	0.4255	0.2022	0.3212
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7409	0.2591	0.7424	0.4713	0.7334
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9495	0.0505	0.7494	0.4915	0.5350
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9996	0.0004	0.8843	0.7643	0.2662
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8510	0.1490	0.7428	0.4594	0.6018
churn-bigml	0.8427	0.1573	0.6847	0.3694	0.7142
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0400	0.0192	0.0180	0.0303	0.3478
cirrhosis	0.7619	0.1587	0.5163	0.5161	0.3788
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7926	0.1037	0.5483	0.6748	0.3180
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5714	0.2857	0.5440	0.3263	0.6926
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.4858	0.0935	0.2273	0.3761	0.3422
coil20	0.4375	0.0563	0.3317	0.4080	0.1678
college	0.9091	0.0909	0.8921	0.7806	0.4581
collins	0.4400	0.0747	0.2982	0.3794	0.2863
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2	0.5862	0.4138	0.5288	0.0543	0.9466
colposcopies-3	0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.7241	0.2759	0.6234	0.2468	0.8309
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.9948	0.0035	0.8625	0.8790	0.0096
cottonmeloidogyne	0.7572	0.2428	0.7594	0.5137	0.7243
coupon	0.6869	0.3131	0.6773	0.3525	0.8393
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.9737	0.0263	0.9425	0.8832	0.2004
covtypeT	0.9722	0.0278	0.8847	0.7620	0.2905
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9995	0.0005	0.9239	0.8442	0.1659
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8903	0.0366	0.6414	0.7679	0.2759
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1250	0.0437	0.0620	0.0968	0.2926
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1700	0.2767	0.1375	0.0072	0.7099
cyclopentane	0.6667	0.3333	0.6582	0.3077	0.8482
cylinder-bands	0.8148	0.1852	0.8094	0.6170	0.6347
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8247	0.1753	0.7104	0.3852	0.6394
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9011	0.0989	0.7423	0.4811	0.6124
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.7500	0.1667	0.7690	0.6098	0.3265
DIA	0.8167	0.1833	0.7611	0.5217	0.6919
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5196	0.3203	0.3572	0.1152	0.5568
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6999	0.1201	0.6574	0.5670	0.3488
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5995	0.4005	0.5966	0.1922	0.9284
dota210%	0.5689	0.4311	0.5695	0.1386	0.9519
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7720	0.1520	0.6938	0.6176	0.4518
drug-01	0.3989	0.1717	0.1303	0.0540	0.5048
drug-02	0.5266	0.1353	0.1968	0.1453	0.4859
drug-03	0.6436	0.1018	0.1515	0.0729	0.4241
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.1677	0.2569	0.3525
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5745	0.1216	0.2263	0.1952	0.4298
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5585	0.1261	0.1560	0.1648	0.3552
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-13	0.6117	0.1109	0.1717	0.2508	0.3342
drug-14	0.5851	0.1185	0.2013	0.2149	0.3983
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5904	0.1170	0.2428	0.3340	0.4005
drug-17	0.3617	0.1824	0.1313	0.0993	0.4357
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9206	0.0227	0.9322	0.9040	0.1331
ecoli	0.8529	0.0368	0.5432	0.7974	0.1292
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.1666	0.0062	0.5763
eeg	0.3142	0.0857	0.2379	0.2388	0.6531
eeg-eye	0.7016	0.2984	0.6962	0.3880	0.8134
eeg10%	0.3215	0.0848	0.2021	0.2429	0.5088
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6164	0.1534	0.5676	0.5036	0.4602
euthyroid	0.9620	0.0380	0.8898	0.7790	0.3765
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9568	0.0432	0.9566	0.9133	0.2397
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.4510	0.5490	0.4411	-0.1174	1.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.8994	0.0335	0.8953	0.8779	0.0922
gastrointestinal	0.5625	0.2917	0.5833	0.3450	0.5419
gender	0.6189	0.2540	0.3925	0.1678	0.4898
gene	0.8833	0.0778	0.8737	0.8134	0.3078
german	0.6800	0.3200	0.6438	0.2873	0.8618
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8530	0.1470	0.8535	0.7056	0.5477
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7143	0.0952	0.6495	0.5949	0.2700
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.8571	0.1429	0.7955	0.5039	0.3038
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8452	0.1548	0.8465	0.6880	0.5623
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.2176	0.0625	0.5282
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.6208	0.1517	0.6211	0.5213	0.5080

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7858	0.0612	0.3545	0.6816	0.1778
har7010%	0.8068	0.0552	0.4821	0.7187	0.1922
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.7556	0.0407	0.3151	0.6628	0.2332
harth10%	0.6128	0.0645	0.2181	0.4500	0.2155
hayes-roth	0.5000	0.3333	0.5227	0.2471	0.5373
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack	0.9032	0.0968	0.9038	0.8058	0.4189
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8158	0.1842	0.8283	0.6324	0.5450
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6791	0.3209	0.6769	0.3527	0.8464
higgs1%	0.6296	0.3704	0.6271	0.2427	0.8764
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0000	0.2500	0.0000	-0.1329	0.4282
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.9140	0.0860	0.8439	0.6871	0.5042
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.4294	0.2544	0.4958
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.7188	0.1875	0.7233	0.5766	0.5052
ht-sensor10%	0.6795	0.2136	0.6867	0.5210	0.5489
htru2	0.9799	0.0201	0.9377	0.8744	0.2232
hypothyroid	0.9788	0.0106	0.6814	0.8736	0.1725
hypothyroidT	0.9947	0.0053	0.9811	0.9614	0.0242
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9346	0.8606	0.1858
iris	0.9333	0.0444	0.9303	0.8980	0.0943
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0976	0.0694	0.0486	0.0614	0.3542
jm1	0.8191	0.1809	0.6386	0.1763	0.5705
jvowels	0.8815	0.0263	0.8717	0.8656	0.1560
kc1	0.8673	0.1327	0.6944	0.3097	0.5233
kc1-class-level-defectiveornot	0.7333	0.2667	0.7159	0.4118	0.7427
kc1-class-level-numericdefect	0.7143	0.0238	0.0609	0.4043	0.0910
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6724	0.3440	0.7669
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9844	0.0024	0.2990	0.9735	0.0136
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krkopt	0.3515	0.0721	0.1929	0.2577	0.4535
krvskp	0.9875	0.0125	0.9875	0.9749	0.0906
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.3235	0.0338	0.1465	0.3055	0.1068
led24	0.6500	0.0700	0.6497	0.6045	0.1624
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.4400	0.0431	0.4446	0.4179	0.3920
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8056	0.0259	0.7861	0.7910	0.0832
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.2756	0.1317	0.1193	0.1393	0.4330
localization10%	0.4260	0.1044	0.1306	0.2326	0.4109
lrs	0.8679	0.0264	0.3881	0.8154	0.0572
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3843	0.4815	0.2385
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9033	0.8050	0.4227
madelon	0.5846	0.4154	0.5853	0.1692	0.9378
magic04	0.8706	0.1294	0.8556	0.7062	0.5044
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8327	0.6654	0.5984
marketing	0.8839	0.1161	0.7469	0.4865	0.6141
maternal	0.6535	0.2310	0.6681	0.4756	0.5287
math	0.6000	0.2000	0.5169	0.3951	0.5031
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.1867	0.3253	0.1874	-0.0167	0.8860
messidor	0.6522	0.3478	0.6432	0.2857	0.8808
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.6667	0.1667	0.5508	0.5242	0.3503
mfeat-fac	0.8300	0.0340	0.8372	0.8111	0.1352
mfeat-fou	0.7500	0.0500	0.7493	0.7222	0.2068
mfeat-kar	0.8950	0.0210	0.8970	0.8833	0.1201
mfeat-mor	0.7200	0.0560	0.7236	0.6889	0.1997
mfeat-pix	0.9050	0.0190	0.9104	0.8944	0.1049
mfeat-zer	0.7500	0.0500	0.7501	0.7222	0.2098
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8868	0.0755	0.8825	0.8281	0.2668
mines	0.5000	0.2000	0.4240	0.3711	0.4363
mobile	0.3322	0.0239	0.2753	0.3200	0.2448
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8361	0.1639	0.8185	0.6369	0.6155

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9727	0.0273	0.9465	0.8885	0.1311
MUT_ci300400a_cdk_ECFP2	0.7626	0.2374	0.7596	0.5177	0.7304
MUT_ci300400a_cdk_ECFP4	0.7353	0.2647	0.7345	0.4659	0.7660
MUT_ci300400a_cdk_ECFP6	0.7521	0.2479	0.7549	0.5035	0.7312
MUT_ci300400a_cdk_ESTATE	0.7398	0.2602	0.7314	0.4626	0.7715
MUT_ci300400a_cdk_EXTENDED	0.7878	0.2122	0.7845	0.5680	0.6893
MUT_ci300400a_cdk_FCFP2	0.7617	0.2383	0.7563	0.5124	0.7360
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.7590	0.2410	0.7611	0.5165	0.7224
MUT_ci300400a_cdk_MACCS	0.7842	0.2158	0.7770	0.5536	0.6989
MUT_ci300400a_cdk_PUBCHEM	0.8216	0.1784	0.8170	0.6340	0.6286
MUT_ci300400a_cdk_STANDARD	0.7605	0.2395	0.7560	0.5113	0.7365
MUT_ci300400a_rdkit_descriptors	0.7932	0.2068	0.7876	0.5748	0.6809
myocardial	0.8588	0.0353	0.2625	0.4182	0.3804
naticusdroid	0.9683	0.0317	0.9683	0.9366	0.1896
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.5000	0.1111	0.3333	0.4194	0.0833
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8707	0.0136	0.2068	0.6135	0.3157
ncRNA10%	0.7859	0.0225	0.1128	0.2112	0.2728
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6521	0.3479	0.6493	0.2976	0.8773
NHANES_age_prediction	0.8414	0.1586	0.4569	0.0000	0.3047
nomao	0.9463	0.0537	0.9340	0.8680	0.3120
NPHA-doctor-visits	0.5000	0.3333	0.3157	-0.0031	0.5510
nursery	0.9460	0.0216	0.5750	0.9200	0.0730
obesity	0.6872	0.0894	0.6816	0.6349	0.3509
obs	0.8611	0.0694	0.8788	0.7933	0.2096
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9921	0.0039	0.9749	0.9760	0.0423
oh0-wc	0.3663	0.1267	0.1159	0.2257	0.3316
oh10-wc	0.2762	0.1448	0.0871	0.1364	0.3803
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9649	0.0078	0.9668	0.9562	0.0222
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.8932	0.0214	0.8976	0.8813	0.1346
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.1500	0.0425	0.1084	0.1282	0.2294
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8557	0.1443	0.8435	0.6854	0.5704
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8570	0.7137	0.5439
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.8595	0.8732	0.1481
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8626	0.1374	0.8544	0.7088	0.5454

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.7368	0.2632	0.4242	0.0000	0.4125
particle	0.8781	0.1219	0.8458	0.6904	0.5316
particle10%	0.8777	0.1223	0.8458	0.6907	0.5346
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.8944	0.0211	0.8988	0.8827	0.1294
period	0.8889	0.1111	0.8953	0.7692	0.4011
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9400	0.0600	0.9316	0.8622	0.3059
phishing	0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL	0.4281	0.5719	0.2998	0.0000	0.5287
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.7052	0.0842	0.6846	0.6555	0.2991
phone-acc1%	0.3844	0.1759	0.3323	0.2794	0.5508
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.5578	0.1263	0.5882	0.4854	0.3430
phone-gyr1%	0.5726	0.1221	0.5278	0.5003	0.3530
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7167	0.2833	0.4175	0.0000	0.4290
phy	0.7070	0.2930	0.7070	0.4139	0.8119
pima	0.7632	0.2368	0.7522	0.5043	0.7386
pirvision	0.9915	0.0057	0.9835	0.9731	0.0693
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.4737	0.5263	0.4722	-0.0556	1.0000
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5220	0.0956	0.1070	0.0578	0.2272
poker10%	0.5432	0.1142	0.1377	0.1172	0.2784
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9531	0.0469	0.6983	0.3244	0.4215
polish-5th	0.9408	0.0592	0.7148	0.3806	0.4716
polya	0.7492	0.2508	0.7275	0.4550	0.7678
popularity	0.6726	0.2182	0.4232	0.2395	0.4604
post-operative	0.7778	0.1481	0.5045	0.4000	0.2005
postures	0.7542	0.0983	0.7818	0.6926	0.2245
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6329	0.2647	0.8956
prestige	0.6667	0.2222	0.4938	0.4375	0.3541
primary-tumor	0.3030	0.0634	0.1241	0.2294	0.2574
processed	0.9999	0.0001	0.9998	0.9997	0.0025
profb	0.5522	0.4478	0.5040	0.0079	0.9519
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.7778	0.0889	0.5686	0.6886	0.2213
puc-rio10%	0.8859	0.0456	0.7947	0.8458	0.2135
pufs-1281%	0.4968	0.5032	0.4967	-0.0062	0.9850
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.4904	0.5096	0.4904	-0.0192	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.5467	0.0697	0.1065	0.3541	0.2712
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6604	0.3396	0.6480	0.2961	0.8734
RT_IOT2022	0.7779	0.0370	0.1136	0.0684	0.1457
satimage	0.8678	0.0441	0.8454	0.8364	0.1987
satimageF	0.9891	0.0109	0.9721	0.9442	0.1683
satimageT	0.9347	0.0653	0.7988	0.5838	0.4705
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.6667	0.3333	0.4000	-0.1739	0.9159
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.4452	0.5548	0.3081	0.0000	0.5302
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9091	0.0260	0.9165	0.8937	0.1135
segmentation	0.8020	0.1980	0.7818	0.5630	0.6792
segmentO	0.9913	0.0087	0.9828	0.9655	0.1114
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.4974	0.0914	0.4447	0.4472	0.2973
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9027	0.0973	0.8008	0.5972	0.5476
shuttle	0.9955	0.0013	0.4258	0.9873	0.0089
sick	0.9735	0.0265	0.8829	0.7484	0.2081
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9992	0.0008	0.9988	0.9976	0.0147
skin10%	0.9988	0.0012	0.9981	0.9963	0.0247
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2200	0.3900	0.1579	-0.0285	0.6846
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2133	0.3147	0.1208	0.0136	0.5375
solar-flare	0.7338	0.0887	0.5610	0.6567	0.1914
sonar	0.5000	0.5000	0.5000	0.0000	0.9243
soybean	0.9559	0.0046	0.9175	0.9517	0.0238
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9217	0.0783	0.9179	0.8345	0.3591
spect	0.7778	0.2222	0.6786	0.3571	0.7720
spectf	0.8571	0.1429	0.8309	0.6602	0.5894
spectrometer	0.4340	0.0236	0.1216	0.3959	0.1648
splice-EI	0.9401	0.0599	0.9235	0.8456	0.3674
splice-IE	0.8991	0.1009	0.8678	0.7328	0.5105
sport-articles	0.8400	0.1600	0.8306	0.6606	0.5986
squash-stored	0.6000	0.2667	0.6667	0.4118	0.3599

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8376	0.1083	0.7994	0.7352	0.3222
steel-b	0.8256	0.1744	0.7113	0.4118	0.6926
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9744	0.0256	0.9604	0.9206	0.1989
steel-o	0.7897	0.2103	0.7650	0.5291	0.7037
steel-p	0.9333	0.0667	0.7601	0.5161	0.5590
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8611	0.1389	0.7518	0.5007	0.6469
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3400	0.2640	0.1565	-0.0470	0.4795
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.2883	0.0000	0.6255
susy1%	0.7980	0.2020	0.7964	0.5896	0.6600
susy10%	0.7968	0.2032	0.7956	0.5864	0.6573
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6421	0.4000	0.5145
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9345	0.0119	0.9414	0.9278	0.0743
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9579	0.0421	0.9527	0.9043	0.2230
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7015	0.2985	0.6455	0.2836	0.8056
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.8235	0.0882	0.8312	0.7639	0.2082
toxicity	0.5882	0.4118	0.5662	0.1314	0.9243
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.9048	0.0317	0.9062	0.8704	0.1088
trec31-wc	0.6022	0.1326	0.2620	0.4339	0.2470
trec41-wc	0.4432	0.1114	0.1177	0.2605	0.3036
trec45-wc	0.3478	0.1304	0.1072	0.1709	0.3632
tuandromd	0.9843	0.0157	0.9756	0.9511	0.1408
turkish	0.8500	0.0750	0.8541	0.8000	0.1732
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%	0.8728	0.1272	0.8616	0.7174	0.4897
ur3_cobotops_grip	0.9741	0.0259	0.7430	0.4138	0.3208
ur3_cobotops_stop	0.9673	0.0327	0.6985	0.3209	0.3880
urban	0.8060	0.0431	0.8106	0.7740	0.1742

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7262	0.1369	0.6796	0.6305	0.2344
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5758	0.0771	0.5555	0.5333	0.2031
vowelZ	0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.4759	0.1498	0.4846	0.3860	0.5492
watch-acc10%	0.2754	0.2070	0.2230	0.1550	0.4522
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.4214	0.1653	0.3986	0.3221	0.5323
watch-gyr10%	0.3135	0.1961	0.2720	0.1972	0.5479
water_pollution	0.2733	0.3633	0.2732	0.0314	0.8508
waveform	0.8480	0.1013	0.8484	0.7720	0.3542
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8444	0.1037	0.7688	0.7233	0.4437
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.6252	0.1499	0.6225	0.5303	0.5096
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5597	0.1468	0.2645	0.2811	0.4105
winequality-white	0.5399	0.1315	0.2856	0.2611	0.3862
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9583	0.0119	0.7616	0.9472	0.0803
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.5625	0.0583	0.4911	0.5314	0.1099
yeast	0.5811	0.0838	0.3548	0.4595	0.3850
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.6645	0.0671	0.6311	0.6299	0.2200

Table 397: Detailed results for PDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1175	0.0609	0.1266	0.0479	0.5074
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9800	0.0200	0.5264	0.0256	0.4293
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.8391	0.1609	0.7621	0.5162	0.6418
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_KlekotaRothFingerprinter	0.6587	0.3413	0.4891	-0.0150	0.5306
AID_1431_MACCSFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878	0.7810	0.2190	0.5274	0.0458	0.8007
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8586	0.0943	0.3080	-0.0312	0.3708
AID1284Morered	0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red	0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608Morered	0.8058	0.1942	0.4989	-0.0019	0.5760
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9720	0.0280	0.4929	-0.0142	0.5507
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.9975	0.0025	0.4994	-0.0012	0.4477
AID439Morered	0.8571	0.1429	0.8250	0.5882	0.5283
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9770	0.0230	0.4942	-0.0053	0.1896
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9982	0.0018	0.4995	-0.0009	0.5226
AID644Morered	0.4500	0.5500	0.3740	-0.2500	0.9654
AID644red	0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red	0.9979	0.0021	0.4995	-0.0009	0.3503
AID687red	0.9946	0.0054	0.4986	-0.0027	0.5342
AID688red	0.9893	0.0107	0.4973	-0.0025	0.4301
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.4444	0.5556	0.3077	-0.3636	0.8576
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8263	0.1737	0.7474	0.4858	0.6648
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8697	0.1303	0.8671	0.7341	0.5156
alcohol	0.7619	0.0952	0.3337	0.4638	0.4070
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8326	0.1674	0.8158	0.6315	0.6194
anneal	0.9663	0.0135	0.9634	0.9317	0.1560
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9875	0.0125	0.4969	-0.0056	0.5615
anuran-family	0.9179	0.0410	0.7402	0.8442	0.3075
anuran-genus	0.9318	0.0170	0.8241	0.8892	0.2785
anuran-species	0.9403	0.0119	0.8531	0.9167	0.1420
anxiety	0.0833	0.2037	0.0828	-0.0334	0.8308
apple-quality	0.7325	0.2675	0.7341	0.4650	0.7679
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.7853	0.2147	0.5307	0.0099	0.1021
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.7333	0.0410	0.3843	0.5519	0.1923
auction	0.8725	0.1275	0.6124	0.1467	0.5667

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.6957	0.0254	0.2864	0.6552	0.0442
audit-risk	0.9231	0.0769	0.9229	0.8339	0.2435
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.7931	0.2069	0.7967	0.5877	0.6595
autos	0.8000	0.0667	0.6553	0.7324	0.1641
avila	0.5093	0.0818	0.3668	0.2654	0.6039
babies	0.4274	0.1636	0.1394	0.0980	0.4271
balance	0.8871	0.0753	0.6111	0.7875	0.2104
bank	0.9063	0.0937	0.7534	0.5052	0.6063
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8917	0.1083	0.8839	0.7529	0.3756
basehock	0.8392	0.1608	0.8392	0.6784	0.5843
bio	0.9957	0.0043	0.8636	0.6881	0.0570
bio10%	0.9966	0.0034	0.8943	0.7809	0.2098
biodeg	0.8476	0.1524	0.8403	0.6800	0.5791
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6060	0.1970	0.6079	0.4746	0.5151
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5969	0.5600	0.1943
bridges	0.8000	0.0571	0.5714	0.7143	0.0558
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8276	0.0862	0.5864	0.6379	0.3679
car-insurance	0.8250	0.1750	0.7928	0.5848	0.6472
card	0.8841	0.1159	0.8859	0.7665	0.4642
cardiotocography	0.7418	0.0516	0.6833	0.6918	0.3258
cardiotocography-nsp	0.8779	0.0814	0.7556	0.6558	0.4017
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5884	0.4850	0.3959
cas_N6512_cdk_ECFP2	0.7573	0.2427	0.7551	0.5095	0.7381
cas_N6512_rdkit_ATOMPAIR	0.7154	0.2846	0.7129	0.4253	0.8013
cas_N6512_RDkit_AtomPair_FP	0.7408	0.2592	0.7385	0.4759	0.7634
cas_N6512_rdkit_AVALON	0.7742	0.2258	0.7729	0.5457	0.7119
cas_N6512_RDkit_Avalon_FP	0.7991	0.2009	0.7997	0.5980	0.6626
cas_N6512_rdkit_descriptors	0.7415	0.2585	0.7401	0.4802	0.7641
cas_N6512_rdkit_FEATMORGAN	0.7389	0.2611	0.7375	0.4750	0.7680
cas_N6512_RDkit_Featmorgan_FP	0.7669	0.2331	0.7650	0.5294	0.7231
cas_N6512_RDkit_FP	0.7224	0.2776	0.7199	0.4390	0.7909
cas_N6512_rdkit_LAYERED	0.7646	0.2354	0.7634	0.5268	0.7277
cas_N6512_RDkit_Layered_FP	0.7607	0.2393	0.7587	0.5168	0.7329
cas_N6512_rdkit_MACCS	0.7558	0.2442	0.7536	0.5048	0.7366
cas_N6512_RDkit_MACCS_FP	0.7546	0.2454	0.7537	0.5072	0.7433
cas_N6512_rdkit_MORGAN	0.7462	0.2538	0.7440	0.4877	0.7566

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.7684	0.2316	0.7672	0.5344	0.7215
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.7699	0.2301	0.7690	0.5378	0.7186
cas_N6512_rdkit_RDKITFP	0.7174	0.2826	0.7160	0.4320	0.7986
cas_N6512_rdkit_TORSION	0.7292	0.2708	0.7273	0.4545	0.7824
ccds1%	0.7967	0.2033	0.4892	-0.0126	0.3696
cdc_diabetes	0.8453	0.1031	0.4252	0.2298	0.3503
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7409	0.2591	0.7292	0.4543	0.7635
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9683	0.0317	0.7881	0.5658	0.4524
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9380	0.0620	0.6000	0.1916	0.6294
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9422	0.0578	0.7502	0.4998	0.5756
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H	0.9186	0.0814	0.7964	0.4992	0.5131
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9993	0.0007	0.8554	0.6925	0.5051
chrom191%	0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%	0.9989	0.0011	0.8248	0.6245	0.5256
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8050	0.1950	0.6326	0.2150	0.6852
churn-bigml	0.8539	0.1461	0.6593	0.3034	0.6921
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.5065	0.4420	0.3443
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7991	0.1005	0.5555	0.6826	0.3190
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9200	0.0800	0.7382	0.3103	0.1938
cmc	0.4762	0.3492	0.4499	0.1693	0.7574
cnae-9	0.9352	0.0144	0.9365	0.9271	0.0602
codon_usage	0.8258	0.0317	0.6467	0.7885	0.3136
coil20	0.9375	0.0063	0.9434	0.9342	0.0387
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.7241	0.2759	0.6954	0.3696	0.7628
colposcopies-3	0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4	0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7586	0.2414	0.6545	0.3072	0.7986
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7419	0.1720	0.6847	0.5804	0.4082
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7764	0.2236	0.7764	0.5529	0.7067
coupon	0.6814	0.3186	0.6718	0.3421	0.8468
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.6790	0.0917	0.5290	0.4942	0.5424
covtypeCD	0.9250	0.0751	0.8246	0.6318	0.4266

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9210	0.0790	0.7215	0.4406	0.6251
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9994	0.0006	0.9045	0.8082	0.2814
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8829	0.0390	0.7753	0.7533	0.3493
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.3125	0.0344	0.2059	0.2946	0.0962
customer-churn	0.9786	0.0214	0.5365	0.0161	0.2720
cybersecurity	0.1667	0.2778	0.1675	-0.0025	0.8775
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7407	0.2593	0.7326	0.4638	0.7670
darwin	0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8150	0.1850	0.6868	0.3084	0.6094
defect	0.8858	0.1142	0.7564	0.4416	0.4305
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8980	0.1020	0.7290	0.4522	0.6191
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3639	0.1351	0.4618
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7333	0.2667	0.6444	0.2889	0.8189
diabetes	0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5588	0.2941	0.5077	0.2468	0.7060
diabetic10%	0.5000	0.3333	0.3734	0.0676	0.7482
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all	0.6027	0.1589	0.4938	0.4172	0.5132
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9964	0.0036	0.4991	-0.0012	0.4955
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5699	0.4301	0.5664	0.1320	0.9528
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7562	0.1625	0.6823	0.5903	0.4632
drug-01	0.4149	0.1672	0.1834	0.0926	0.6112
drug-02	0.4894	0.1459	0.1740	0.1127	0.6238
drug-03	0.6543	0.0988	0.1296	0.0162	0.4023
drug-04	0.5053	0.1413	0.2065	0.1024	0.6825
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.2406	0.2580	0.5488
drug-07	0.4468	0.1581	0.1335	0.0525	0.3554
drug-08	0.5638	0.1246	0.2342	0.1551	0.4937
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.2430	0.1600	0.4112
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.2560	0.2592	0.3933
drug-14	0.5904	0.1170	0.2568	0.2784	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-15	0.7394	0.0745	0.1230	0.0306	0.3804
drug-16	0.6064	0.1125	0.2738	0.3516	0.3924
drug-17	0.3617	0.1824	0.1656	0.1135	0.5045
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7500	0.0714	0.1224	-0.0246	0.3990
drybean	0.9037	0.0275	0.9277	0.8837	0.1246
ecoli	0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2700	0.3650	0.2703	0.0267	0.8354
eeg	0.3386	0.0827	0.3429	0.2696	0.7325
eeg-eye	0.6469	0.3531	0.6387	0.2701	0.8725
eeg10%	0.3249	0.0844	0.3568	0.2550	0.6716
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5890	0.1644	0.5780	0.4754	0.4542
euthyroid	0.9177	0.0823	0.7108	0.3474	0.4544
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8872	0.1128	0.8900	0.7752	0.4467
fakenews	0.5400	0.4600	0.5399	0.0798	0.9753
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.5081	0.0579	0.4658	0.4547	0.5249
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9020	0.0980	0.9028	0.7997	0.3894
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8846	0.0577	0.8558	0.8405	0.1843
gas	0.9533	0.0156	0.9530	0.9434	0.0858
gastrointestinal	0.7500	0.1667	0.6808	0.5817	0.4216
gender	0.6000	0.2667	0.3800	0.1424	0.5617
gene	0.9022	0.0652	0.8921	0.8447	0.2625
german	0.7400	0.2600	0.6980	0.3612	0.7202
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8444	0.1556	0.8455	0.6881	0.5618
gisette	0.9171	0.0829	0.9172	0.8343	0.3798
glass	0.6667	0.1111	0.4766	0.5180	0.3063
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9091	0.0909	0.7843	0.4634	0.5000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.6172	0.3787	0.3884
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.9680	0.0053	0.9040	0.9622	0.0356
har	0.7064	0.1174	0.7017	0.6285	0.4324
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7473	0.0722	0.4082	0.5948	0.2947

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har7010%	0.7494	0.0716	0.4082	0.5979	0.2298
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6484	0.0586	0.2143	0.4935	0.2651
harth10%	0.6476	0.0587	0.2182	0.4922	0.2679
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.8300	0.1700	0.7999	0.5992	0.6372
heart-quantum	0.9600	0.0400	0.9583	0.9167	0.2315
hepatitis	0.8000	0.2000	0.8077	0.5455	0.5283
hepmass1%	0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6564	0.3436	0.6536	0.3035	0.8668
higgs1%	0.6395	0.3605	0.6365	0.2658	0.8771
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0714	0.2321	0.0357	-0.0581	0.4322
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.9140	0.0860	0.8439	0.6871	0.5042
hiva	0.9504	0.0496	0.5702	0.1355	0.6207
horse	0.6389	0.2407	0.6078	0.3818	0.6101
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.5523	0.2985	0.5535	0.3278	0.6876
ht-sensor10%	0.5370	0.3086	0.5383	0.3053	0.7015
htru2	0.9765	0.0235	0.9259	0.8436	0.1437
hypothyroid	0.9257	0.0371	0.4608	0.3831	0.3427
hypothyroidT	0.9363	0.0637	0.7301	0.2778	0.1636
ilpd	0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.8920	0.0540	0.9019	0.8560	0.1743
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9076	0.0071	0.9109	0.9039	0.0784
jm1	0.8154	0.1846	0.6294	0.1847	0.6292
jvowels	0.9277	0.0161	0.9227	0.9181	0.1086
kc1	0.8436	0.1564	0.6549	0.2940	0.7035
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.5000	0.0417	0.1016	0.2847	0.1548
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6724	0.3440	0.7669
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9951	0.0007	0.8527	0.9918	0.0719
kddcup9910%	0.9951	0.0005	0.7445	0.9917	0.1158
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2717	0.0809	0.2255	0.1726	0.5762
krvskp	0.9404	0.0596	0.9409	0.8809	0.2973

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
la1s-wc	0.7429	0.0857	0.7357	0.6793	0.4022
la2s-wc	0.7483	0.0839	0.7449	0.6852	0.3856
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5294	0.0235	0.3311	0.5130	0.0464
led24	0.6000	0.0800	0.5916	0.5493	0.1698
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.6930	0.0236	0.6979	0.6807	0.2860
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.7500	0.0333	0.7420	0.7316	0.0956
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9981	0.0019	0.9022	0.7868	0.4689
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9344	0.0656	0.9309	0.8614	0.3380
localization	0.3929	0.1104	0.1647	0.1631	0.5283
localization10%	0.3902	0.1109	0.1653	0.1633	0.5512
lrs	0.8113	0.0377	0.4246	0.7358	0.1223
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.9286	0.0357	0.7135	0.8716	0.1130
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5500	0.4500	0.5505	0.1000	0.9637
magic04	0.7754	0.2246	0.7440	0.4765	0.7062
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8334	0.6662	0.5966
marketing	0.8884	0.1116	0.7461	0.4693	0.5664
maternal	0.6139	0.2574	0.6203	0.4041	0.5668
math	0.7500	0.1250	0.7222	0.6187	0.3924
mba	0.8226	0.1183	0.3781	0.0998	0.3791
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2400	0.3040	0.2440	0.0485	0.8390
messidor	0.7043	0.2957	0.7149	0.4173	0.7781
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.5576	0.6018	0.2237
meter-D	0.7778	0.1111	0.6350	0.6856	0.1970
mfeat-fac	0.9750	0.0050	0.9754	0.9722	0.0314
mfeat-fou	0.7950	0.0410	0.8004	0.7722	0.1707
mfeat-kar	0.9750	0.0050	0.9752	0.9722	0.0315
mfeat-mor	0.7300	0.0540	0.7356	0.7000	0.1746
mfeat-pix	0.9800	0.0040	0.9804	0.9778	0.0250
mfeat-zer	0.7900	0.0420	0.8008	0.7667	0.1453
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8019	0.1321	0.7905	0.6980	0.3935
mines	0.4706	0.2118	0.4670	0.3377	0.4639
mobile	0.7797	0.0079	0.7941	0.7757	0.1004
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
music	0.4644	0.0974	0.4639	0.3544	0.5738
musk	0.9288	0.0712	0.8524	0.6831	0.3424
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.7569	0.2431	0.7474	0.4927	0.7412
MUT_ci300400a_cdk_ESTATE	0.7182	0.2818	0.7083	0.4161	0.8023
MUT_ci300400a_cdk_EXTENDED	0.7950	0.2050	0.7893	0.5786	0.6801
MUT_ci300400a_cdk_FCFP2	0.7713	0.2287	0.7633	0.5262	0.7211
MUT_ci300400a_cdk_FCFP4	0.7842	0.2158	0.7762	0.5511	0.6964
MUT_ci300400a_cdk_FCFP6	0.7926	0.2074	0.7882	0.5760	0.6830
MUT_ci300400a_cdk_MACCS	0.7638	0.2362	0.7542	0.5044	0.7256
MUT_ci300400a_cdk_PUBCHEM	0.8323	0.1677	0.8266	0.6525	0.6033
MUT_ci300400a_cdk_STANDARD	0.7772	0.2228	0.7709	0.5418	0.7116
MUT_ci300400a_rdkit_descriptors	0.7694	0.2306	0.7629	0.5253	0.7226
myocardial	0.8294	0.0426	0.3700	0.3669	0.6475
naticusdroid	0.9485	0.0515	0.9491	0.8970	0.2600
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0370	0.5263	0.8000	0.0440
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8427	0.0166	0.2725	0.5745	0.6252
ncRNA10%	0.8444	0.0164	0.2788	0.5791	0.7307
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6461	0.3539	0.6434	0.2862	0.8845
NHANES_age_prediction	0.9692	0.0308	0.9446	0.8882	0.3004
nomao	0.9367	0.0633	0.9229	0.8458	0.3565
NPHA-doctor-visits	0.4583	0.3611	0.2471	-0.0939	0.5773
nursery	0.9144	0.0343	0.6674	0.8733	0.1108
obesity	0.8578	0.0406	0.8559	0.8341	0.1619
obs	0.8148	0.0926	0.8558	0.7226	0.2621
occupancy	0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation	0.9812	0.0094	0.9478	0.9417	0.0466
oh0-wc	0.8218	0.0356	0.8238	0.7948	0.1706
oh10-wc	0.6762	0.0648	0.6721	0.6309	0.3141
oh15-wc	0.6848	0.0630	0.6792	0.6413	0.3024
oh5-wc	0.7143	0.0571	0.7132	0.6761	0.2560
ohscal-wc	0.1129	0.1774	0.0203	0.0000	0.4003
olive	0.9298	0.0156	0.9140	0.9129	0.0503
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9520	0.0096	0.9545	0.9466	0.0656
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr	0.9170	0.0830	0.5849	0.1286	0.5935
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7887	0.2113	0.7714	0.5410	0.7019
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7302	0.2698	0.7286	0.4570	0.7803
p53-mutants10%	0.9745	0.0255	0.4935	-0.0056	0.1835
page-blocks	0.9415	0.0234	0.6650	0.6288	0.4180
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.9033	0.0967	0.8784	0.7562	0.4597

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle10%	0.8977	0.1023	0.8728	0.7456	0.4844
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.4742	0.5258	0.4756	-0.0480	0.9944
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8158	0.1842	0.7634	0.5254	0.6906
pediatric-leukemia	0.7941	0.0588	0.7203	0.7421	0.1519
pendigits	0.8963	0.0207	0.8981	0.8847	0.1292
period	0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8750	0.1250	0.8560	0.7095	0.5120
phishing	0.9429	0.0571	0.9400	0.8788	0.2812
PhiUSIIL10%	0.4283	0.5717	0.2999	0.0000	0.5287
phone-acc0.1%	0.6103	0.1114	0.5808	0.5427	0.3924
phone-acc1%	0.6124	0.1107	0.5729	0.5453	0.3963
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.5973	0.1151	0.5542	0.5271	0.3552
phone-gyr1%	0.6192	0.1088	0.5776	0.5534	0.3492
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7685	0.2315	0.7028	0.4029	0.7639
phy	0.7052	0.2948	0.7052	0.4104	0.8143
pima	0.7105	0.2895	0.6923	0.3323	0.7052
pirvision	0.9719	0.0187	0.9493	0.9083	0.1158
placement	0.7890	0.2110	0.7852	0.5699	0.6885
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4927	0.1015	0.0927	-0.0072	0.2226
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9630	0.0370	0.6786	0.0689	0.1081
polish-2nd	0.9597	0.0403	0.5715	0.0413	0.3170
polish-3rd	0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th	0.9408	0.0592	0.5206	0.0195	0.5017
polish-5th	0.9289	0.0711	0.5982	0.1069	0.4629
polya	0.7849	0.2151	0.7598	0.5154	0.7027
popularity	0.6573	0.2285	0.4356	0.1924	0.5539
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7817	0.0873	0.7837	0.7272	0.3074
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6353	0.2647	0.8828
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.0606	0.1827	0.2776	0.1612
processed	0.3221	0.6779	0.2436	0.0000	0.4941
profb	0.8209	0.1791	0.7970	0.5939	0.6524
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8163	0.0735	0.7450	0.7499	0.2450
puc-rio10%	0.8171	0.0731	0.7284	0.7513	0.2417
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9729	0.0271	0.9145	0.8157	0.1259
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.6267	0.0574	0.5950	0.5471	0.5405
re1-wc	0.5542	0.0357	0.5725	0.5061	0.3803

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6096	0.3904	0.5797	0.1537	0.9203
RT_IOT2022	0.9747	0.0042	0.8652	0.9366	0.0420
satimage	0.8351	0.0550	0.7964	0.7954	0.2080
satimageF	0.9782	0.0218	0.9418	0.8803	0.1611
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.5556	0.4444	0.5303	0.0526	0.7987
schizo	0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8590	0.1410	0.5048	0.0092	0.6354
secondary_mushroom	0.8556	0.1444	0.8541	0.7082	0.5504
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9271	0.9038	0.0834
segmentation	0.8020	0.1980	0.7798	0.5574	0.6750
segmentO	0.9784	0.0216	0.9575	0.9148	0.2354
seismic	0.9419	0.0581	0.7070	0.3736	0.4979
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8583	0.1417	0.5882	0.1288	0.6474
sens-2-gram	0.8579	0.1421	0.5914	0.1464	0.6742
sens-3-gram	0.8579	0.1421	0.5991	0.1659	0.6820
sens-4-gram	0.8395	0.1605	0.5931	0.1792	0.7450
sens-5-gram	0.8474	0.1526	0.5720	0.1240	0.7215
sens-6-gram	0.8605	0.1395	0.5972	0.1524	0.6584
sens-7-gram	0.8500	0.1500	0.5672	0.1094	0.7067
sens-8-gram	0.8447	0.1553	0.5766	0.1377	0.7323
sens-9-gram	0.8737	0.1263	0.6440	0.2232	0.5844
sensorless	0.8410	0.0289	0.8407	0.8251	0.1496
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8800	0.1200	0.7278	0.3864	0.4885
shuttle	0.9414	0.0167	0.5959	0.8222	0.2469
sick	0.9496	0.0504	0.7711	0.5322	0.5020
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9326	0.0674	0.9039	0.8050	0.4257
skin10%	0.9306	0.0694	0.8996	0.7974	0.4323
smarket	0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming	0.2600	0.3700	0.2633	0.0170	0.8406
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2033	0.3187	0.2055	0.0024	0.8619
solar-flare	0.7770	0.0743	0.6952	0.7138	0.2037
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection	0.9455	0.0545	0.8210	0.6335	0.4472
spambase	0.8957	0.1043	0.8905	0.7776	0.4290
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.6857	0.3143	0.5795	0.1538	0.8769
spectrometer	0.5283	0.0197	0.2117	0.5013	0.1134
splice-EI	0.9369	0.0631	0.9250	0.8432	0.3707
splice-IE	0.9117	0.0883	0.8767	0.7532	0.4631
sport-articles	0.8200	0.1800	0.8037	0.5911	0.5877
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.4000	0.4000	0.3571	0.1667	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7474	0.1684	0.7041	0.5958	0.4710
steel-b	0.8205	0.1795	0.7046	0.4005	0.7070
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9692	0.0308	0.9520	0.9020	0.1773
steel-o	0.7538	0.2462	0.7160	0.3916	0.6816
steel-p	0.9231	0.0769	0.7226	0.4417	0.6031
steel-s	0.9795	0.0205	0.8697	0.7393	0.4154
steel-z	0.9641	0.0359	0.9061	0.8093	0.4129
stellar	0.8551	0.0966	0.8349	0.7269	0.3097
stock	0.8958	0.1042	0.8069	0.5931	0.4811
stockb	0.9075	0.0617	0.9127	0.8613	0.1621
streaming	0.7980	0.2020	0.7956	0.5911	0.6705
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5800	0.1680	0.3293	0.3475	0.4407
student-depression	0.8337	0.1663	0.8274	0.6527	0.5952
student-habits	0.4100	0.2360	0.1887	0.0635	0.4615
student-weekend	0.3538	0.2585	0.2429	0.1188	0.7329
student-workday	0.6719	0.1313	0.2261	0.1986	0.6653
studentap	0.5385	0.3077	0.5220	0.2778	0.5861
susy1%	0.7578	0.2422	0.7663	0.4977	0.6399
susy10%	0.7622	0.2378	0.7706	0.5070	0.6330
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8085	0.1915	0.5444	0.0824	0.7852
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.6853	0.3688	0.7800
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.8780	0.0271	0.7924	0.8475	0.0747
trec12-wc	0.8387	0.0403	0.8710	0.8013	0.1106
trec21-wc	0.9697	0.0121	0.7958	0.9345	0.0286
trec23-wc	0.8095	0.0635	0.8421	0.7565	0.1869
trec31-wc	0.9462	0.0179	0.9531	0.9281	0.0728
trec41-wc	0.7727	0.0455	0.6984	0.7179	0.2694
trec45-wc	0.7101	0.0580	0.6787	0.6568	0.2326
tuandromd	0.9776	0.0224	0.9659	0.9315	0.2128
turkish	0.7500	0.1250	0.7540	0.6667	0.2694
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9308	0.0692	0.9254	0.8507	0.3453
tvnews10%	0.8951	0.1049	0.8862	0.7709	0.4485
ur3_cobotops_grip	0.9673	0.0327	0.6361	0.1894	0.4211
ur3_cobotops_stop	0.9605	0.0395	0.5581	0.0556	0.4307
urban	0.7910	0.0464	0.8078	0.7557	0.1703
urinalysis	0.9441	0.0559	0.7030	0.3998	0.5822
ustilago1%	0.9870	0.0130	0.4967	-0.0049	0.5377

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vehicle	0.7262	0.1369	0.7037	0.6347	0.2377
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5758	0.0771	0.5916	0.5333	0.2180
vowelZ	0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7628	0.0237	0.5745	0.7333	0.1490
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.5789	0.1203	0.5608	0.5060	0.4571
watch-acc10%	0.6725	0.0936	0.6444	0.6162	0.3038
watch-gyr1%	0.5727	0.1221	0.5509	0.5007	0.4445
watch-gyr10%	0.5332	0.1334	0.5149	0.4536	0.4871
water_pollution	0.2100	0.3950	0.2113	-0.0533	0.8877
waveform	0.8440	0.1040	0.8442	0.7660	0.3600
weather-related	0.9327	0.0122	0.9385	0.9235	0.0774
web-phishing	0.7778	0.1481	0.6075	0.5859	0.4961
Weekly	0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift	0.1745	0.3302	0.0594	0.0000	0.4014
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9850	0.0075	0.9854	0.9800	0.0341
wilt	0.9420	0.0580	0.5891	0.1517	0.5927
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5912	0.1363	0.2781	0.3378	0.4660
winequality-white	0.5112	0.1396	0.2643	0.2317	0.5220
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.9375	0.0083	0.9164	0.9328	0.0137
yeast	0.5203	0.0959	0.3786	0.3906	0.4318
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.9065	0.0187	0.8979	0.8951	0.1380

Table 398: Detailed results for PLR(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1518	0.0808	0.0957	0.0619	0.4294
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.2369	0.7631	0.1915	0.0000	0.4299
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.8333	0.1667	0.4545	-0.0907	0.7189
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.7810	0.2190	0.4948	-0.0075	0.7914
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red	0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered	0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8592	0.1408	0.7963	0.5801	0.5679
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8744	0.1256	0.8719	0.7435	0.5028
alcohol	0.7429	0.1029	0.2558	0.3802	0.2694
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8300	0.6591	0.5847
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9889	0.0111	0.4972	-0.0042	0.5331
anuran-family	0.9388	0.0306	0.6896	0.8811	0.1552
anuran-genus	0.9527	0.0118	0.8787	0.9215	0.1834
anuran-species	0.9583	0.0083	0.9107	0.9418	0.0745
anxiety	0.0833	0.2037	0.0827	-0.0334	0.8316
apple-quality	0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.7111	0.0444	0.3463	0.5055	0.2894
auction	0.9020	0.0980	0.7385	0.4276	0.4934

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.9545	0.0083	0.9821	0.9466	0.0299
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7500	0.0833	0.5624	0.6564	0.1420
avila	0.5347	0.0775	0.3898	0.2891	0.3280
babies	0.4355	0.1613	0.1831	0.1066	0.4376
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.4975	0.5025	0.3322	0.0000	0.5286
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.9030	0.7980	0.4348
biodeg	0.8762	0.1238	0.8713	0.7412	0.5090
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5866	0.2067	0.5756	0.4488	0.5248
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5820	0.5686	0.1361
bridges	0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8506	0.0747	0.6296	0.6796	0.3505
car-insurance	0.8320	0.1680	0.8008	0.6003	0.6312
card	0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography	0.7746	0.0451	0.7286	0.7270	0.2339
cardiotocography-nsp	0.8920	0.0720	0.8070	0.7004	0.3640
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5850	0.4643	0.5576
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7415	0.2585	0.7399	0.4798	0.7642
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.7132	0.2868	0.7109	0.4215	0.8046
cas_N6512_rdkit_LAYERED	0.7523	0.2477	0.7512	0.5023	0.7473
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.7400	0.2600	0.7380	0.4758	0.7664

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.7592	0.2408	0.7575	0.5150	0.7367
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.7220	0.2780	0.7209	0.4417	0.7919
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.9615	0.0385	0.6177	0.1165	0.3554
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7650	0.5295	0.7134
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9453	0.0547	0.5962	0.1558	0.5648
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml	0.8689	0.1311	0.6742	0.2844	0.5710
ci900367j_MACCS	0.7474	0.2526	0.7289	0.4574	0.7669
circles	0.9860	0.0003	0.9874	0.9859	0.0052
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7704	0.1148	0.4942	0.6232	0.3001
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4762	0.3492	0.4428	0.1645	0.7594
cnae-9	0.9630	0.0082	0.9649	0.9583	0.0373
codon_usage	0.8573	0.0260	0.6736	0.8259	0.2298
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	0.6400	0.0480	0.5713	0.5989	0.1712
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4	0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7586	0.2414	0.6545	0.3072	0.7986
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7740	0.2260	0.7741	0.5481	0.7105
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.7119	0.0823	0.5104	0.5253	0.3631

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8811	0.0396	0.6879	0.7462	0.2867
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1875	0.0406	0.1364	0.1655	0.1226
customer-churn	0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity	0.1500	0.2833	0.1539	-0.0227	0.8869
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.7407	0.2593	0.7349	0.4698	0.7686
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8147	0.1853	0.6859	0.3008	0.5989
defect	0.8827	0.1173	0.7477	0.4323	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9013	0.0987	0.7201	0.4163	0.5765
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.7500	0.1667	0.7879	0.6098	0.2812
DIA	0.7167	0.2833	0.6306	0.2609	0.8304
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5588	0.2941	0.3728	0.1584	0.5091
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6496	0.1402	0.5373	0.4846	0.4207
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5689	0.4311	0.5655	0.1301	0.9537
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7652	0.1565	0.6778	0.6011	0.4577
drug-01	0.4202	0.1657	0.1676	0.0827	0.5155
drug-02	0.5106	0.1398	0.1695	0.1090	0.5257
drug-03	0.6809	0.0912	0.1346	0.0504	0.3234
drug-04	0.5213	0.1368	0.2076	0.0788	0.4360
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.2298	0.2555	0.4852
drug-07	0.4521	0.1565	0.1362	0.0622	0.3545
drug-08	0.5638	0.1246	0.2096	0.1267	0.4212
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5585	0.1261	0.2216	0.1488	0.3650
drug-11	0.8511	0.0426	0.1317	0.0277	0.1222
drug-12	0.7872	0.0608	0.1258	-0.0056	0.2801
drug-13	0.6223	0.1079	0.2516	0.2348	0.3682
drug-14	0.6011	0.1140	0.2882	0.2552	0.3949

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-15	0.7447	0.0729	0.1231	0.0221	0.2863
drug-16	0.6064	0.1125	0.2573	0.3335	0.3851
drug-17	0.3723	0.1793	0.1790	0.1241	0.4899
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7553	0.0699	0.1233	-0.0042	0.2725
drybean	0.9243	0.0216	0.9362	0.9085	0.1243
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2797	0.0399	0.8248
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6315	0.3685	0.6223	0.2378	0.8892
eeg10%	0.3689	0.0789	0.3759	0.2978	0.5750
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6164	0.1534	0.5768	0.5052	0.4118
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8890	0.1110	0.8897	0.7781	0.4587
fakenews	0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.8293	0.0201	0.7981	0.8053	0.1282
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9038	0.0481	0.8722	0.8669	0.1441
gas	0.8555	0.0482	0.7800	0.8227	0.1038
gastrointestinal	0.6875	0.2083	0.6932	0.4805	0.4507
gender	0.6000	0.2667	0.3792	0.1413	0.5118
gene	0.9180	0.0547	0.9059	0.8688	0.2249
german	0.7700	0.2300	0.7372	0.4390	0.6592
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8040	0.1960	0.8039	0.6077	0.6563
gisette	0.9714	0.0286	0.9714	0.9429	0.1749
glass	0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.5278	0.2638	0.4580
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.8188	0.0302	0.6955	0.7867	0.1209
har	0.7370	0.1052	0.7263	0.6659	0.4066
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7655	0.0670	0.4275	0.6214	0.1800
har7010%	0.7621	0.0680	0.4177	0.6159	0.1839

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6575	0.0571	0.2274	0.5051	0.2265
harth10%	0.6571	0.0571	0.2297	0.5041	0.2304
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8366	0.1634	0.8366	0.6731	0.5905
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6591	0.3409	0.6564	0.3100	0.8661
higgs1%	0.6418	0.3582	0.6388	0.2717	0.8777
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1667	0.1716	0.2951
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9292	0.0708	0.8719	0.7433	0.4465
hiva	0.9504	0.0496	0.4873	-0.0207	0.6215
horse	0.6111	0.2593	0.5873	0.3412	0.6284
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.5726	0.2850	0.5751	0.3580	0.6564
ht-sensor10%	0.5541	0.2972	0.5564	0.3309	0.6760
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9523	0.0239	0.5918	0.6493	0.1389
hypothyroidT	0.9735	0.0265	0.8999	0.7782	0.0870
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9460	0.0270	0.9465	0.9280	0.1052
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8883	0.0086	0.8744	0.8839	0.0859
jm1	0.8209	0.1791	0.6455	0.1720	0.5323
jvowels	0.9367	0.0141	0.9324	0.9283	0.0974
kc1	0.8531	0.1469	0.6581	0.2727	0.6396
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.5385	0.1846	0.1647	0.1522	0.4293
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.7905	0.0322	0.3366	0.6333	0.0850
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2827	0.0797	0.2182	0.1791	0.5285
krvskp	0.9718	0.0282	0.9717	0.9435	0.1739
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7941	0.0179	0.7861	0.7840	0.0552

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.6000	0.0800	0.5906	0.5556	0.1628
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7145	0.0220	0.7132	0.7030	0.2710
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8333	0.0222	0.8389	0.8210	0.0733
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9204	0.0796	0.9148	0.8292	0.3758
localization	0.3968	0.1097	0.1672	0.1611	0.4943
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8113	0.0377	0.3516	0.7341	0.1095
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5692	0.4308	0.5705	0.1385	0.9456
magic04	0.7817	0.2183	0.7523	0.4971	0.7031
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8430	0.6859	0.5749
marketing	0.9018	0.0982	0.7768	0.5110	0.4530
maternal	0.6337	0.2442	0.6411	0.4348	0.5369
math	0.7000	0.1500	0.6954	0.5398	0.3890
mba	0.8242	0.1172	0.3834	0.1130	0.3773
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2400	0.3040	0.2448	0.0484	0.8369
messidor	0.7217	0.2783	0.7201	0.4390	0.7902
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9700	0.0060	0.9703	0.9667	0.0378
mfeat-fou	0.8400	0.0320	0.8454	0.8222	0.1473
mfeat-kar	0.9550	0.0090	0.9552	0.9500	0.0566
mfeat-mor	0.7100	0.0580	0.7090	0.6778	0.2204
mfeat-pix	0.9600	0.0080	0.9612	0.9556	0.0449
mfeat-zer	0.7150	0.0570	0.6931	0.6833	0.1741
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8868	0.0755	0.8903	0.8293	0.2463
mines	0.5294	0.1882	0.4410	0.4093	0.3850
mobile	0.7203	0.0100	0.7458	0.7152	0.1321
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4833	0.0939	0.4803	0.3704	0.5363
musk	0.9409	0.0591	0.8796	0.7418	0.2793
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.7557	0.2443	0.7469	0.4929	0.7458
MUT_ci300400a_cdk_ESTATE	0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.7830	0.2170	0.7777	0.5554	0.7009
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.7808	0.2192	0.7749	0.5497	0.7052
MUT_ci300400a_rdkit_descriptors	0.7882	0.2118	0.7822	0.5635	0.6890
myocardial	0.8882	0.0279	0.3864	0.4922	0.2037
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8798	0.0126	0.2850	0.6290	0.2104
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.2855	0.7145	0.2221	0.0000	0.4710
NPHA-doctor-visits	0.4861	0.3426	0.2694	-0.0517	0.5491
nursery	0.9144	0.0343	0.5560	0.8731	0.1270
obesity	0.7393	0.0745	0.7329	0.6956	0.2727
obs	0.8056	0.0972	0.8575	0.7094	0.2240
occupancy	0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation	0.9931	0.0035	0.9755	0.9789	0.0128
oh0-wc	0.8218	0.0356	0.8160	0.7941	0.1607
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.7065	0.0587	0.7002	0.6667	0.2908
oh5-wc	0.7802	0.0440	0.7877	0.7505	0.1943
olive	0.9649	0.0078	0.9602	0.9565	0.0253
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9142	0.0858	0.6481	0.0732	0.2673
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9573	0.0085	0.9585	0.9525	0.0637
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr	0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7990	0.2010	0.7826	0.5634	0.6839
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9616	0.0154	0.6895	0.7603	0.2773
parkinson	0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons	0.8009	0.1991	0.7951	0.5872	0.6668
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.9038	0.0962	0.8821	0.7641	0.4704
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4639	0.5361	0.4546	-0.0907	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pd	0.8289	0.1711	0.7760	0.5517	0.6697
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9372	0.0126	0.9369	0.9302	0.0951
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9250	0.0750	0.9158	0.8215	0.2735
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.4314	0.1625	0.3586	0.3412	0.3554
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.4972	0.5028	0.3321	0.0000	0.5287
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9902	0.0065	0.9830	0.9690	0.0707
placement	0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth	0.8421	0.1579	0.8427	0.6816	0.5635
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th	0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th	0.9340	0.0660	0.6513	0.1856	0.4048
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7019	0.1192	0.6296	0.6257	0.2965
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.5152	0.0746	0.5103	0.4623	0.2568
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8657	0.1343	0.8497	0.6990	0.5534
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.8242	0.0703	0.7575	0.7611	0.2467
puc-rio10%	0.8304	0.0678	0.7595	0.7699	0.2410
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.3133	0.1056	0.3839	0.2604	0.4761
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9868	0.0132	0.9867	0.9733	0.0921
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6096	0.3904	0.5811	0.1576	0.9222
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimage	0.8336	0.0555	0.7848	0.7920	0.1943
satimageF	0.9844	0.0156	0.9595	0.9188	0.1877
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8782	0.1218	0.6244	0.2345	0.6250
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9351	0.0186	0.9415	0.9241	0.0761
segmentation	0.8168	0.1832	0.7977	0.5945	0.6489
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8579	0.1421	0.5914	0.1464	0.6742
sens-4-gram	0.8289	0.1711	0.5885	0.1745	0.7566
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.1817	0.1488	0.0639	0.1000	0.3347
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8856	0.1144	0.7440	0.4269	0.4764
shuttle	0.9333	0.0191	0.5100	0.7934	0.1899
sick	0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9189	0.0811	0.8780	0.7558	0.4664
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1558	-0.1194	0.8889
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2033	0.3187	0.2056	0.0026	0.8626
solar-flare	0.7554	0.0815	0.6869	0.6850	0.1857
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9435	0.0565	0.8130	0.6159	0.4539
spambase	0.9087	0.0913	0.9043	0.8058	0.3907
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.4231	0.0427	0.2576	0.3882	0.2031
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles	0.8100	0.1900	0.7917	0.5709	0.6237
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.2857	0.2308	0.1805
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7534	0.1644	0.7004	0.5984	0.4701
steel-b	0.8308	0.1692	0.7118	0.3990	0.6566
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.7744	0.2256	0.7417	0.4507	0.6572
steel-p	0.9282	0.0718	0.7214	0.4253	0.5579
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.9313	0.0458	0.9235	0.8765	0.2097
stock	0.9028	0.0972	0.8270	0.6505	0.5175

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8000	0.2000	0.7975	0.5949	0.6667
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4900	0.2040	0.2913	0.1386	0.3583
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend	0.3385	0.2646	0.2131	0.0848	0.7165
student-workday	0.6719	0.1313	0.1686	0.1004	0.4862
studentap	0.3846	0.4103	0.3693	0.0545	0.7363
susy1%	0.7944	0.2056	0.7941	0.5801	0.6514
susy10%	0.7893	0.2107	0.7891	0.5695	0.6596
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8433	0.1567	0.7829	0.5645	0.6407
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.9268	0.0163	0.8372	0.9092	0.0501
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.8250	0.0875	0.8220	0.7667	0.1972
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9308	0.0692	0.9261	0.8520	0.3518
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7910	0.0464	0.8217	0.7567	0.1686
urinalysis	0.9510	0.0490	0.7039	0.3436	0.4349
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7619	0.1190	0.7423	0.6821	0.1910
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5152	0.0882	0.4616	0.4667	0.2174
vowelZ	0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2167	0.3917	0.2181	-0.0444	0.8838
waveform	0.8500	0.1000	0.8502	0.7750	0.3520
weather-related	0.9673	0.0059	0.9686	0.9629	0.0488
web-phishing	0.8222	0.1185	0.6635	0.6687	0.3896
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9752	0.0248	0.8526	0.6876	0.2866
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6038	0.1321	0.2773	0.3435	0.3787
winequality-white	0.5194	0.1373	0.2439	0.2123	0.4237
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.3673	0.1808	0.4167	0.2430	0.3192
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.4662	0.1068	0.2929	0.3095	0.4105
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.5387	0.0923	0.3641	0.4812	0.2586

Table 399: Detailed results for PLR(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1976	0.0764	0.1330	0.1128	0.4581
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8464	0.1536	0.7752	0.5446	0.6284
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.8333	0.1667	0.4545	-0.0907	0.7189
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.7810	0.2190	0.4948	-0.0075	0.7914
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red	0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered	0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8592	0.1408	0.7963	0.5801	0.5679
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8744	0.1256	0.8719	0.7435	0.5028
alcohol	0.8095	0.0762	0.4476	0.5501	0.2000
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8300	0.6591	0.5847
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9875	0.0125	0.4969	-0.0056	0.5615
anuran-family	0.9555	0.0223	0.8982	0.9144	0.1935
anuran-genus	0.9708	0.0073	0.9382	0.9517	0.1156
anuran-species	0.9806	0.0039	0.9584	0.9730	0.0524
anxiety	0.1000	0.2000	0.0951	-0.0146	0.7971
apple-quality	0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.7111	0.0444	0.4416	0.5335	0.3223

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7526	0.8667	0.0771
avila	0.5683	0.0720	0.4721	0.3616	0.4085
babies	0.4274	0.1636	0.1396	0.0948	0.4943
balance	0.8871	0.0753	0.7647	0.8002	0.3634
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.9030	0.7980	0.4348
biodeg	0.8762	0.1238	0.8713	0.7412	0.5090
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	-0.0000	0.1305
body-perf	0.6343	0.1828	0.6325	0.5124	0.4988
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.7500	0.7778	0.0704
bridges	0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8966	0.0517	0.8762	0.7812	0.2650
car-insurance	0.8320	0.1680	0.8008	0.6003	0.6312
card	0.8551	0.1449	0.8513	0.7026	0.5548
cardiotocography	0.8357	0.0329	0.7804	0.8025	0.1949
cardiotocography-nsp	0.8873	0.0751	0.7975	0.6902	0.4009
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5590	0.4625	0.5588
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.7415	0.2585	0.7399	0.4798	0.7642
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.7132	0.2868	0.7109	0.4215	0.8046
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.7400	0.2600	0.7380	0.4758	0.7664
cas_N6512_RDkit_morgan_FP	0.7592	0.2408	0.7575	0.5150	0.7367
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.7220	0.2780	0.7209	0.4417	0.7919
cas_N6512_rdkit_TORSION	0.7108	0.2892	0.7088	0.4175	0.8081
ccds1%	0.9643	0.0357	0.6933	0.1289	0.1053
cdc_diabetes	0.0183	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7650	0.5295	0.7134
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9453	0.0547	0.5962	0.1558	0.5648
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9995	0.0005	0.8613	0.7156	0.2874
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml	0.8689	0.1311	0.6742	0.2844	0.5710
ci900367j_MACCS	0.7579	0.2421	0.7415	0.4828	0.7506
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.4992	0.4474	0.5368
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8019	0.0991	0.5619	0.6893	0.3164
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4709	0.2006	0.7442
cnae-9	0.9352	0.0144	0.9358	0.9271	0.0737
codon_usage	0.8810	0.0216	0.7340	0.8554	0.2095
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	0.8800	0.0160	0.8515	0.8676	0.0488
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4	0.6897	0.3103	0.6266	0.2521	0.8468
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7586	0.2414	0.6545	0.3072	0.7986
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7740	0.2260	0.7741	0.5481	0.7105
coupon	0.6806	0.3194	0.6710	0.3404	0.8477
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.7208	0.0798	0.5581	0.5404	0.3750
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9023	0.0326	0.8111	0.7938	0.2621
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5938	0.0203	0.4243	0.5811	0.0640
customer-churn	0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity	0.1600	0.2800	0.1610	-0.0107	0.8818
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.7407	0.2593	0.7349	0.4698	0.7686
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8147	0.1853	0.6859	0.3008	0.5989
defect	0.8827	0.1173	0.7477	0.4323	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3366	0.0303	0.5178
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7167	0.2833	0.6306	0.2609	0.8304
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5686	0.2876	0.4830	0.2251	0.6981
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6481	0.1407	0.5483	0.4881	0.4432
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5689	0.4311	0.5655	0.1301	0.9537
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7698	0.1535	0.6900	0.6134	0.4606
drug-01	0.4149	0.1672	0.1842	0.0935	0.5587
drug-02	0.5213	0.1368	0.1907	0.1249	0.5357
drug-03	0.6596	0.0973	0.1318	0.0143	0.3933
drug-04	0.5106	0.1398	0.1809	0.0873	0.6172
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3989	0.1717	0.2139	0.2334	0.5615
drug-07	0.4468	0.1581	0.1329	0.0531	0.3544
drug-08	0.5585	0.1261	0.1812	0.1133	0.4257
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.2199	0.1420	0.3665
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-12	0.7872	0.0608	0.1258	-0.0056	0.2801
drug-13	0.6117	0.1109	0.1778	0.2366	0.4034
drug-14	0.5957	0.1155	0.2588	0.2394	0.4885
drug-15	0.7500	0.0714	0.1232	0.0152	0.2713
drug-16	0.5904	0.1170	0.2466	0.3016	0.3848
drug-17	0.3564	0.1839	0.1637	0.1063	0.5345
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7553	0.0699	0.1229	-0.0198	0.2767
drybean	0.9287	0.0204	0.9409	0.9138	0.1178
ecoli	0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2596	0.0140	0.8437
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.6422	0.3578	0.6339	0.2624	0.8814
eeg10%	0.3892	0.0764	0.4329	0.3241	0.5893
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6712	0.1315	0.6447	0.5778	0.3921
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8890	0.1110	0.8897	0.7781	0.4587
fakenews	0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.8374	0.0191	0.8078	0.8142	0.1221
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9921	0.0026	0.9922	0.9904	0.0217
gastrointestinal	0.5625	0.2917	0.5460	0.2956	0.5871
gender	0.6000	0.2667	0.3792	0.1413	0.5118
gene	0.9085	0.0610	0.8994	0.8538	0.2641
german	0.7600	0.2400	0.7248	0.4103	0.6710
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.8040	0.1960	0.8039	0.6077	0.6563
gisette	0.9743	0.0257	0.9743	0.9486	0.1613
glass	0.6667	0.1111	0.6934	0.5288	0.2337
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.4577	0.3598	0.4616
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.9661	0.0056	0.8601	0.9600	0.0467
har	0.7966	0.0813	0.7864	0.7415	0.3369

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.7730	0.0649	0.4335	0.6331	0.1634
har7010%	0.7708	0.0655	0.4260	0.6292	0.1643
harth	0.4492	0.0918	0.0517	0.0000	0.2692
harth1%	0.6768	0.0539	0.2649	0.5406	0.2397
harth10%	0.6760	0.0540	0.2676	0.5389	0.2444
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8366	0.1634	0.8366	0.6731	0.5905
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6591	0.3409	0.6564	0.3100	0.8661
higgs1%	0.6418	0.3582	0.6388	0.2717	0.8777
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2857	0.1786	0.2391	0.1667	0.3154
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9292	0.0708	0.8719	0.7433	0.4465
hiva	0.9504	0.0496	0.4873	-0.0207	0.6215
horse	0.6111	0.2593	0.5689	0.3386	0.6753
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.5937	0.2709	0.5974	0.3875	0.6379
ht-sensor10%	0.5846	0.2769	0.5882	0.3741	0.6473
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9788	0.0106	0.6786	0.8682	0.1517
hypothyroidT	0.9735	0.0265	0.8999	0.7782	0.0870
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9540	0.0230	0.9545	0.9387	0.0920
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9345	0.0050	0.9355	0.9319	0.0573
jm1	0.8182	0.1818	0.6355	0.1614	0.5553
jvowels	0.9578	0.0094	0.9550	0.9522	0.0686
kc1	0.8483	0.1517	0.6483	0.2611	0.6660
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.6154	0.1538	0.3650	0.2935	0.3817
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9986	0.0002	0.8792	0.9976	0.0116
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2859	0.0793	0.2452	0.1909	0.6029
krvskp	0.9718	0.0282	0.9717	0.9435	0.1739

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8235	0.0153	0.8097	0.8142	0.0490
led24	0.6500	0.0700	0.5915	0.6045	0.1263
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8385	0.0124	0.8380	0.8320	0.1670
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.9444	0.0074	0.9583	0.9403	0.0273
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9204	0.0796	0.9148	0.8292	0.3758
localization	0.4315	0.1034	0.1803	0.2091	0.5064
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8491	0.0302	0.4466	0.7874	0.0854
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5692	0.4308	0.5705	0.1385	0.9456
magic04	0.7817	0.2183	0.7523	0.4971	0.7031
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.9018	0.0982	0.7768	0.5110	0.4530
maternal	0.6040	0.2640	0.6025	0.3915	0.5826
math	0.7750	0.1125	0.7302	0.6460	0.3253
mba	0.8242	0.1172	0.3834	0.1130	0.3773
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2467	0.3013	0.2518	0.0568	0.8325
messidor	0.7217	0.2783	0.7201	0.4390	0.7902
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9750	0.0050	0.9755	0.9722	0.0293
mfeat-fou	0.8500	0.0300	0.8507	0.8333	0.1437
mfeat-kar	0.9650	0.0070	0.9668	0.9611	0.0414
mfeat-mor	0.7100	0.0580	0.7124	0.6778	0.2009
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.7500	0.0500	0.7659	0.7222	0.1489
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9151	0.0566	0.9152	0.8712	0.1964
mines	0.5000	0.2000	0.4355	0.3738	0.4046
mobile	0.8392	0.0057	0.8479	0.8362	0.0748
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4889	0.0929	0.4935	0.3784	0.5132

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
musk	0.9409	0.0591	0.8796	0.7418	0.2793
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.7868	0.2132	0.7794	0.5582	0.6937
MUT_ci300400a_cdk_ECFP6	0.7557	0.2443	0.7469	0.4929	0.7458
MUT_ci300400a_cdk_ESTATE	0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED	0.7890	0.2110	0.7827	0.5653	0.6910
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.7830	0.2170	0.7777	0.5554	0.7009
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.7808	0.2192	0.7749	0.5497	0.7052
MUT_ci300400a_rdkit_descriptors	0.7882	0.2118	0.7822	0.5635	0.6890
myocardial	0.8529	0.0368	0.3242	0.3043	0.5800
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8931	0.0113	0.3676	0.6775	0.2383
ncRNA10%	0.8918	0.0114	0.3616	0.6747	0.2809
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4861	0.3426	0.2815	-0.0382	0.6639
nursery	0.9329	0.0269	0.7193	0.9014	0.1202
obesity	0.9431	0.0162	0.9424	0.9336	0.0850
obs	0.8796	0.0602	0.9125	0.8182	0.1588
occupancy	0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation	0.9931	0.0035	0.9756	0.9790	0.0365
oh0-wc	0.7921	0.0416	0.7759	0.7602	0.1948
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.6630	0.0674	0.6463	0.6160	0.3126
oh5-wc	0.8022	0.0396	0.8020	0.7756	0.1662
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9142	0.0858	0.6481	0.0732	0.2673
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9840	0.0032	0.9846	0.9822	0.0245
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr	0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7990	0.2010	0.7826	0.5634	0.6839
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9744	0.0102	0.8914	0.8507	0.2390
parkinson	0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons	0.8009	0.1991	0.7951	0.5872	0.6668
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.9031	0.0969	0.8811	0.7620	0.4725
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcmac	0.4742	0.5258	0.4651	-0.0697	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7760	0.5517	0.6697
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.9745	0.0051	0.9747	0.9717	0.0411
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.9250	0.0750	0.9158	0.8215	0.2735
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%	0.7298	0.0772	0.7039	0.6837	0.2385
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9928	0.0048	0.9876	0.9774	0.0608
placement	0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth	0.8421	0.1579	0.8427	0.6816	0.5635
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4917	0.1452	0.1310	-0.0093	0.2590
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th	0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th	0.9323	0.0677	0.6304	0.1171	0.3606
polya	0.6422	0.3578	0.3910	0.0000	0.4790
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8581	0.0567	0.8586	0.8226	0.2357
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7215	0.4412	0.7888
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5152	0.0746	0.4199	0.4557	0.2287
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8657	0.1343	0.8497	0.6990	0.5534
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.8495	0.0602	0.8075	0.7977	0.2381
puc-rio10%	0.8552	0.0579	0.8043	0.8056	0.2400
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.6800	0.0492	0.7635	0.5758	0.2788
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0921
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rocket	0.6096	0.3904	0.5811	0.1576	0.9222
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8647	0.0451	0.8360	0.8326	0.1951
satimageF	0.9844	0.0156	0.9595	0.9188	0.1877
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8782	0.1218	0.6244	0.2345	0.6250
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9654	0.0099	0.9689	0.9595	0.0491
segmentation	0.8168	0.1832	0.7977	0.5945	0.6489
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.6171	0.1674	0.5978
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8579	0.1421	0.5914	0.1464	0.6742
sens-4-gram	0.8289	0.1711	0.5885	0.1745	0.7566
sens-5-gram	0.8474	0.1526	0.5886	0.1613	0.7266
sens-6-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-7-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-9-gram	0.8711	0.1289	0.6316	0.1974	0.5909
sensorless	0.9243	0.0138	0.9242	0.9167	0.0851
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8856	0.1144	0.7440	0.4269	0.4764
shuttle	0.9705	0.0084	0.8664	0.9149	0.1764
sick	0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9189	0.0811	0.8780	0.7558	0.4664
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1800	0.4100	0.1750	-0.0974	0.8822
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1967	0.3213	0.1992	-0.0057	0.8713
solar-flare	0.7626	0.0791	0.6918	0.6941	0.1853
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9435	0.0565	0.8130	0.6159	0.4539
spambase	0.9087	0.0913	0.9043	0.8058	0.3907
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.7500	0.0185	0.6196	0.7354	0.0755
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles	0.8200	0.1800	0.8037	0.5911	0.5877
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7583	0.1611	0.7093	0.6079	0.4656
steel-b	0.8308	0.1692	0.7118	0.3990	0.6566
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-o	0.7744	0.2256	0.7417	0.4507	0.6572
steel-p	0.9282	0.0718	0.7214	0.4253	0.5579
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.9612	0.0259	0.9555	0.9310	0.1370
stock	0.9028	0.0972	0.8270	0.6505	0.5175
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8000	0.2000	0.7975	0.5949	0.6667
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6350	0.1460	0.3546	0.3965	0.4099
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4100	0.2360	0.1886	0.0638	0.4631
student-weekend	0.4000	0.2400	0.3826	0.1740	0.5957
student-workday	0.6875	0.1250	0.2273	0.1432	0.4867
studentap	0.3077	0.4615	0.3111	-0.0636	0.7870
susy1%	0.7944	0.2056	0.7941	0.5801	0.6514
susy10%	0.7893	0.2107	0.7891	0.5695	0.6595
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.8358	0.1642	0.7745	0.5485	0.6589
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.8537	0.0325	0.6805	0.8164	0.0907
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.0476	0.3175	0.0152	0.0000	0.3614
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.8500	0.0750	0.8552	0.8000	0.2057
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.9308	0.0692	0.9261	0.8520	0.3518
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8060	0.0431	0.8234	0.7732	0.1492
urinalysis	0.9510	0.0490	0.7039	0.3436	0.4349
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7619	0.1190	0.7452	0.6822	0.2095
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5657	0.0790	0.5643	0.5222	0.2239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vowelZ	0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2200	0.3900	0.2211	-0.0400	0.8836
waveform	0.8360	0.1093	0.8361	0.7540	0.3760
weather-related	0.9731	0.0049	0.9740	0.9695	0.0417
web-phishing	0.8000	0.1333	0.6333	0.6379	0.5164
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9752	0.0248	0.8526	0.6876	0.2866
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5786	0.1405	0.2667	0.3130	0.4541
winequality-white	0.5317	0.1338	0.2752	0.2486	0.4169
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.8536	0.0418	0.8980	0.8110	0.0674
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5000	0.1000	0.3235	0.3540	0.3475
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9462	0.0108	0.9422	0.9397	0.0833

Table 400: Detailed results for PLS

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0959	0.0624	0.0374	0.0113	0.4362
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9573	0.0427	0.9076	0.7972	0.1300
adult	0.8358	0.1642	0.7530	0.4909	0.6340
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red	0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8075	0.1925	0.7141	0.4135	0.6976
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7333	0.1067	0.2394	0.2857	0.2419
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8290	0.6549	0.5760
anneal	0.6966	0.1213	0.1950	0.2067	0.2652
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8651	0.0675	0.4410	0.7283	0.1915
anuran-genus	0.8220	0.0445	0.2964	0.6817	0.1684
anuran-species	0.7875	0.0425	0.3413	0.6920	0.1368
anxiety	0.0917	0.2019	0.0654	-0.0260	0.6833
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.6444	0.0547	0.2078	0.3376	0.2437
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.4348	0.0471	0.0899	0.3047	0.1853
audit-risk	0.9359	0.0641	0.9354	0.8624	0.2175
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.6500	0.1167	0.4190	0.5139	0.2070
avila	0.4753	0.0874	0.1715	0.1706	0.3002
babies	0.4435	0.1590	0.1428	0.1110	0.3650
balance	0.8871	0.0753	0.6113	0.7879	0.2115
bank	0.9058	0.0942	0.7192	0.4058	0.5518
banknote	0.9781	0.0219	0.9779	0.9557	0.1446
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8917	0.1083	0.8844	0.7521	0.3633
basehock	0.9296	0.0704	0.9311	0.8593	0.3195
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9938	0.0062	0.7876	0.5236	0.2471
biodeg	0.8190	0.1810	0.8051	0.6069	0.6297
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%	0.0000	0.0690	0.0000	0.0000	0.0139
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.5804	0.6633	0.1246
bridges	0.8000	0.0571	0.5195	0.6970	0.0821
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8103	0.0948	0.3921	0.5716	0.2615
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8551	0.1449	0.8565	0.7081	0.5394
cardiotocography	0.5869	0.0826	0.3815	0.4803	0.2805
cardiotocography-nsp	0.8216	0.1189	0.6132	0.4066	0.4337
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0106
cars	0.6750	0.2167	0.4878	0.3712	0.4843
cas_N6512_cdk_ECFP2	0.6974	0.3026	0.6966	0.3930	0.8239
cas_N6512_rdkit_ATOMPAIR	0.6462	0.3538	0.6470	0.2928	0.8800
cas_N6512_RDkit_AtomPair_FP	0.6994	0.3006	0.6979	0.3958	0.8226
cas_N6512_rdkit_AVALON	0.7066	0.2934	0.7120	0.4176	0.7934
cas_N6512_RDkit_Avalon_FP	0.7117	0.2883	0.7162	0.4270	0.7896
cas_N6512_rdkit_descriptors	0.6677	0.3323	0.6659	0.3317	0.8612
cas_N6512_rdkit_FEATMORGAN	0.7035	0.2965	0.7008	0.4012	0.8173
cas_N6512_RDkit_Featmorgan_FP	0.7316	0.2684	0.7307	0.4612	0.7780
cas_N6512_RDkit_FP	0.6902	0.3098	0.6885	0.3770	0.8344
cas_N6512_rdkit_LAYERED	0.7154	0.2846	0.7149	0.4294	0.7997
cas_N6512_RDkit_Layered_FP	0.7040	0.2960	0.7023	0.4046	0.8169
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7515	0.2485	0.7515	0.5022	0.7461
cas_N6512_rdkit_MORGAN	0.7446	0.2554	0.7430	0.4859	0.7596
cas_N6512_RDkit_morgan_FP	0.7439	0.2561	0.7428	0.4856	0.7601
cas_N6512_rdkit_PATTERN	0.6969	0.3031	0.7016	0.3978	0.8091
cas_N6512_RDkit_pattern_FP	0.6948	0.3052	0.7016	0.3953	0.8043
cas_N6512_rdkit_RDKITFP	0.7327	0.2673	0.7331	0.4651	0.7733
cas_N6512_rdkit_TORSION	0.7077	0.2923	0.7075	0.4144	0.8094
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8443	0.1038	0.4009	0.0523	0.2332
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7779	0.5557	0.6889
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8040	0.1960	0.6172	0.1209	0.5587
churn-bigml	0.8539	0.1461	0.5826	0.0350	0.4157
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0200	0.0196	0.0008	0.0101	0.3774
cirrhosis	0.7381	0.1746	0.5065	0.4420	0.3443
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7630	0.1185	0.4245	0.6059	0.2482
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.6933	0.4667	0.4938
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5102	0.3265	0.4891	0.2150	0.7183
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.5748	0.0773	0.2375	0.4636	0.2689
coil20	0.3472	0.0653	0.2745	0.3136	0.2193
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.4200	0.0773	0.1931	0.3454	0.2587
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5517	0.4483	0.4647	-0.0680	0.9793
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7742	0.1505	0.7136	0.6265	0.3420
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7572	0.2428	0.7578	0.5147	0.7357
coupon	0.6869	0.3131	0.6773	0.3525	0.8393
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.6244	0.1073	0.2481	0.3356	0.3028
covtypeCD	0.9120	0.0880	0.7881	0.5425	0.4473
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9989	0.0011	0.8191	0.6048	0.2286
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8120	0.0627	0.3806	0.5328	0.1953
cryotherapy	0.7778	0.2222	0.8000	0.5263	0.4308
cultivars	0.0938	0.0453	0.0361	0.0711	0.1980
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1667	0.2778	0.0817	-0.0121	0.5291
cyclopentane	0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands	0.6852	0.3148	0.6940	0.2971	0.6308
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7987	0.2013	0.6482	0.1832	0.5604
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8885	0.1115	0.6434	0.1913	0.5087
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8108	0.0631	0.6222	0.7593	0.0824
desharnais	0.3750	0.4167	0.3158	0.0244	0.6574
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8750	0.0833	0.8611	0.8095	0.2105
DIA	0.7667	0.2333	0.6384	0.2432	0.7461
diabetes	0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5980	0.2680	0.3922	0.1947	0.4811
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8500	0.0750	0.6787	0.7875	0.1181
diamonds_all	0.5545	0.1782	0.3009	0.3171	0.3727
dishonest	0.8438	0.1562	0.8238	0.6460	0.6069
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5767	0.4233	0.5729	0.1444	0.9460
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7540	0.1640	0.5492	0.5624	0.3045
drug-01	0.4043	0.1702	0.1245	0.0394	0.4248
drug-02	0.5053	0.1413	0.1478	0.0578	0.4469
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.1846	0.0564	0.3443
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2660	0.2589	0.3576
drug-07	0.4628	0.1535	0.1413	0.0729	0.3184
drug-08	0.5479	0.1292	0.1272	0.0452	0.3519
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1409	0.0877	0.3604
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-13	0.6170	0.1094	0.1720	0.2113	0.3264
drug-14	0.5904	0.1170	0.2153	0.2068	0.3924
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5745	0.1216	0.2287	0.2332	0.3680
drug-17	0.3777	0.1778	0.1374	0.1262	0.4271
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.6995	0.0859	0.7130	0.6305	0.2119
ecoli	0.7353	0.0662	0.3034	0.6122	0.1408
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7525	0.5050	0.6964
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.1790	0.0200	0.5745
eeg	0.2443	0.0945	0.1068	0.1378	0.4731
eeg-eye	0.5728	0.4272	0.5548	0.0961	0.9116
eeg10%	0.2572	0.0929	0.0964	0.1552	0.4374
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5205	0.1918	0.3337	0.3470	0.3706
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8831	0.1169	0.8853	0.7668	0.4631
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.4553	0.0641	0.1066	0.3434	0.3118
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6471	0.3529	0.6394	0.2703	0.8691
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8125	0.0625	0.6236	0.7513	0.0899
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8654	0.0673	0.8507	0.8120	0.1623
gas	0.5953	0.1349	0.4347	0.4985	0.3626
gastrointestinal	0.6875	0.2083	0.5133	0.4737	0.3707
gender	0.6000	0.2667	0.3762	0.1314	0.5076
gene	0.8959	0.0694	0.8799	0.8331	0.2804
german	0.7200	0.2800	0.6723	0.2911	0.7145
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8790	0.1210	0.8791	0.7577	0.4875
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.5238	0.1587	0.3185	0.3023	0.3296
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6842	0.3158	0.6833	0.3667	0.8414
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.2363	0.0506	0.5991
gsalc	0.7778	0.0741	0.7738	0.7353	0.0502
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.6697	0.0550	0.3169	0.6059	0.1886
har	0.3797	0.2481	0.3476	0.1915	0.6848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7416	0.0738	0.3748	0.5821	0.1794
har7010%	0.7470	0.0723	0.3804	0.5915	0.1768
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6049	0.0659	0.1610	0.4029	0.2648
harth10%	0.6067	0.0655	0.1653	0.4074	0.2542
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hepmass1%	0.8327	0.1673	0.8327	0.6653	0.5989
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6273	0.3727	0.6238	0.2450	0.8996
higgs1%	0.6197	0.3803	0.6158	0.2278	0.9040
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1339	0.1195	0.2970
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9140	0.0860	0.8358	0.6595	0.4463
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.4009	0.2632	0.4434
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5392	0.3072	0.5402	0.3087	0.6973
htru2	0.9620	0.0380	0.8759	0.7232	0.1658
hypothyroid	0.9231	0.0385	0.3980	0.2618	0.0879
hypothyroidT	0.9310	0.0690	0.7021	0.1756	0.1727
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.9022	0.7853	0.2404
iris	0.6667	0.2222	0.6139	0.4898	0.3083
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.2259	0.0595	0.1367	0.1950	0.3063
jm1	0.8108	0.1892	0.6061	0.0995	0.5485
jvowels	0.5643	0.0968	0.4398	0.4988	0.3002
kc1	0.8863	0.1137	0.7529	0.4083	0.3698
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9719	0.0043	0.2238	0.9521	0.0274
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krkopt	0.2745	0.0806	0.1123	0.1598	0.4407
krvskp	0.9216	0.0784	0.9220	0.8432	0.3629
la1s-wc	0.4254	0.1915	0.2187	0.2307	0.4998
la2s-wc	0.5464	0.1512	0.3145	0.4002	0.4075
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.2059	0.0397	0.0645	0.1715	0.1841
led24	0.5000	0.1000	0.2891	0.4203	0.2110
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.1905	0.0623	0.1326	0.1577	0.4294
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.3056	0.0926	0.1922	0.2574	0.2676
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3965	0.1097	0.0956	0.1373	0.3672
localization10%	0.3902	0.1109	0.0963	0.1275	0.3752
lrs	0.7358	0.0528	0.3405	0.6171	0.1699
lung	0.9048	0.0381	0.7356	0.7971	0.0831
lung_discrete	0.7500	0.0714	0.4034	0.6800	0.0486
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.8500	0.0600	0.5818	0.6178	0.1128
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0494	0.4018	0.6842	0.0783
machine-failure	0.9149	0.0851	0.9152	0.8273	0.3841
madelon	0.5808	0.4192	0.5815	0.1615	0.9405
magic04	0.7612	0.2388	0.7266	0.4408	0.7301
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8225	0.6449	0.6199
marketing	0.8527	0.1473	0.5837	0.0410	0.4325
maternal	0.6238	0.2508	0.6213	0.4168	0.5381
math	0.7000	0.1500	0.3886	0.4990	0.2977
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.1833	0.3267	0.1344	-0.0279	0.6747
messidor	0.6870	0.3130	0.6943	0.3802	0.8116
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.4444	0.2778	0.5662	0.2500	0.2753
meter-D	0.6111	0.1944	0.4983	0.4350	0.3043
mfeat-fac	0.5400	0.0920	0.4748	0.4889	0.2793
mfeat-fou	0.4600	0.1080	0.3767	0.4000	0.3427
mfeat-kar	0.4750	0.1050	0.3700	0.4167	0.2572
mfeat-mor	0.5000	0.1000	0.4644	0.4444	0.2711
mfeat-pix	0.5800	0.0840	0.5355	0.5333	0.2645
mfeat-zer	0.4200	0.1160	0.3307	0.3556	0.3260
mice-prot	0.5741	0.1065	0.4968	0.5097	0.2911
milk	0.7547	0.1635	0.7245	0.6217	0.4560
mines	0.4412	0.2235	0.2602	0.2806	0.3545
mobile	0.1469	0.0305	0.0722	0.1309	0.2755
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6230	0.3770	0.3838	-0.0637	0.7809

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9779	0.0221	0.9778	0.9557	0.1435
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9015	0.0985	0.7872	0.5357	0.4472
MUT_ci300400a_cdk_ECFP2	0.7398	0.2602	0.7312	0.4621	0.7714
MUT_ci300400a_cdk_ECFP4	0.7641	0.2359	0.7590	0.5177	0.7318
MUT_ci300400a_cdk_ECFP6	0.7389	0.2611	0.7307	0.4612	0.7727
MUT_ci300400a_cdk_ESTATE	0.7038	0.2962	0.6942	0.3883	0.8216
MUT_ci300400a_cdk_EXTENDED	0.7434	0.2566	0.7345	0.4685	0.7658
MUT_ci300400a_cdk_FCFP2	0.7401	0.2599	0.7302	0.4594	0.7700
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.7530	0.2470	0.7437	0.4862	0.7496
MUT_ci300400a_cdk_MACCS	0.7062	0.2938	0.6942	0.3867	0.8171
MUT_ci300400a_cdk_PUBCHEM	0.7713	0.2287	0.7668	0.5331	0.7192
MUT_ci300400a_cdk_STANDARD	0.7329	0.2671	0.7238	0.4472	0.7816
MUT_ci300400a_rdkit_descriptors	0.6992	0.3008	0.6903	0.3799	0.8263
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9461	0.0539	0.9463	0.8923	0.2773
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.5000	0.1111	0.2667	0.4194	0.0881
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8508	0.0157	0.1130	0.5095	0.1222
ncRNA10%	0.8495	0.0158	0.1127	0.5121	0.1477
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
newspop	0.6385	0.3615	0.6353	0.2693	0.8910
NHANES_age_prediction	0.9648	0.0352	0.9317	0.8584	0.1961
nomao	0.8749	0.1251	0.8510	0.7009	0.5480
NPHA-doctor-visits	0.4583	0.3611	0.2471	-0.0939	0.5773
nursery	0.9105	0.0358	0.5536	0.8673	0.1137
obesity	0.4739	0.1503	0.4180	0.3851	0.3577
obs	0.5556	0.2222	0.5243	0.3204	0.4258
occupancy	0.9864	0.0136	0.9816	0.9624	0.1468
Occupancy_Estimation	0.9260	0.0370	0.7708	0.7538	0.1148
oh0-wc	0.5248	0.0950	0.3023	0.4397	0.3139
oh10-wc	0.4000	0.1200	0.1741	0.2918	0.3456
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.3530	0.1294	0.2276	0.2671	0.4118
olive	0.5965	0.0897	0.3038	0.4694	0.2113
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.5712	0.0858	0.5178	0.5244	0.2911
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.1750	0.0413	0.1094	0.1538	0.1976
orlraws10P	0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8050	0.6021	0.6036
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9206	0.0794	0.9207	0.8409	0.3690
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9141	0.0344	0.3334	0.2365	0.0880
parkinson	0.9750	0.0250	0.9750	0.9487	0.1507
parkinsons	0.8104	0.1896	0.8008	0.6012	0.6568

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.8309	0.1691	0.7784	0.5122	0.5246
particle10%	0.8369	0.1631	0.7860	0.5402	0.5444
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5103	0.4897	0.4724	-0.0528	0.9965
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.7944	0.5769	0.5763
pediatric-leukemia	0.2353	0.2185	0.1199	0.0232	0.5310
pendigits	0.4886	0.1023	0.4798	0.4315	0.3111
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8900	0.1100	0.8733	0.7413	0.4508
phishing	0.9429	0.0571	0.9399	0.8792	0.2902
PhiUSIIL	0.9953	0.0047	0.9952	0.9905	0.0340
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.4877	0.1464	0.3980	0.3999	0.3657
phone-acc1%	0.4900	0.1457	0.4034	0.4026	0.3719
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.3216	0.1938	0.2242	0.2071	0.3510
phone-gyr1%	0.3250	0.1929	0.2554	0.2112	0.3498
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7648	0.2352	0.6960	0.3882	0.7693
phy	0.5536	0.4464	0.5678	0.1100	0.8703
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.8831	0.0779	0.6504	0.5135	0.1671
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.6316	0.3684	0.6445	0.2400	0.7788
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4946	0.1011	0.0852	-0.0080	0.1973
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7643	0.2357	0.7344	0.4605	0.7310
popularity	0.6578	0.2282	0.4030	0.1671	0.4506
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7073	0.1171	0.7083	0.6342	0.3700
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6933	0.3824	0.8214
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.2121	0.0716	0.0581	0.1325	0.2707
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6866	0.3134	0.5941	0.1394	0.7748
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.6932	0.1227	0.4488	0.5693	0.3221
puc-rio10%	0.7121	0.1151	0.4617	0.5960	0.3028
pufs-1281%	0.5080	0.4920	0.5080	0.0160	0.9953
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.5008	0.4992	0.5008	0.0017	0.9995
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
raisin	0.9000	0.1000	0.9025	0.8000	0.4045
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.6000	0.0615	0.1472	0.4111	0.2817
re1-wc	0.5000	0.0400	0.1017	0.3806	0.2370
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6023	0.3977	0.5652	0.1201	0.9145
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.7481	0.0840	0.5747	0.6802	0.1977
satimageF	0.9782	0.0218	0.9418	0.8787	0.1274
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	0.9630	0.0370	0.9635	0.9244	0.1598
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.5281	0.1348	0.5234	0.4482	0.2505
segmentation	0.7624	0.2376	0.7367	0.4722	0.7483
segmentO	0.9264	0.0736	0.8402	0.6414	0.2910
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.3436	0.1193	0.2672	0.2780	0.3539
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8775	0.1225	0.7212	0.3497	0.4495
shuttle	0.8750	0.0357	0.3550	0.5492	0.0806
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9270	0.0730	0.8936	0.7858	0.4440
skin10%	0.9248	0.0752	0.8888	0.7770	0.4494
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2400	0.3800	0.1617	-0.0215	0.6648
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2100	0.3160	0.1559	0.0085	0.6548
solar-flare	0.6331	0.1223	0.4767	0.5283	0.3398
sonar	0.4000	0.6000	0.3902	-0.2000	1.0000
soybean	0.4706	0.0557	0.1593	0.4019	0.1998
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8848	0.1152	0.8797	0.7523	0.4408
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.7429	0.2571	0.6732	0.1370	0.4138
spectrometer	0.2692	0.0541	0.0650	0.1994	0.2547
splice-EI	0.9432	0.0568	0.9303	0.8566	0.3541
splice-IE	0.9085	0.0915	0.8692	0.7358	0.4518
sport-articles	0.8300	0.1700	0.8162	0.6115	0.5454
squash-stored	0.4000	0.4000	0.3030	0.0000	0.5733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-unstored	0.8000	0.1333	0.5385	0.5455	0.2005
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7041	0.1973	0.6420	0.5159	0.5375
steel-b	0.8000	0.2000	0.6396	0.2417	0.7108
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9641	0.0359	0.9439	0.8868	0.2321
steel-o	0.7385	0.2615	0.6961	0.3460	0.6987
steel-p	0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9436	0.0564	0.8193	0.6162	0.3884
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8819	0.1181	0.7767	0.5222	0.5108
stockb	0.8590	0.0940	0.8618	0.7886	0.2314
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.8413	0.0635	0.8658	0.8021	0.1107
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3900	0.2440	0.1792	0.0305	0.4703
student-weekend	0.4308	0.2277	0.2555	0.1758	0.4445
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.6527	0.3868	0.4606
susy1%	0.7554	0.2446	0.7643	0.4924	0.6404
susy10%	0.7555	0.2445	0.7640	0.4929	0.6436
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.4782	0.0949	0.4109	0.4264	0.2758
theorem	0.9722	0.0278	0.9715	0.9429	0.1765
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8358	0.1642	0.7581	0.4715	0.5503
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7059	0.1471	0.7348	0.6119	0.1908
toxicity	0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4762	0.1746	0.1767	0.1507	0.3865
trec31-wc	0.5161	0.1613	0.2095	0.2933	0.3941
trec41-wc	0.5000	0.1000	0.1825	0.3473	0.3111
trec45-wc	0.2754	0.1449	0.1278	0.1316	0.4513
tuandromd	0.9686	0.0314	0.9528	0.9049	0.2690
turkish	0.7000	0.1500	0.6854	0.6000	0.3397
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8846	0.1154	0.8750	0.7490	0.4822
tvnews10%	0.8597	0.1403	0.8471	0.6920	0.5428
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.5821	0.0929	0.4227	0.5019	0.2454

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.6548	0.1726	0.6003	0.5293	0.4172
vehicleVAN	0.8810	0.1190	0.8325	0.6491	0.4768
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.3636	0.1157	0.2450	0.3000	0.2795
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.4487	0.0551	0.1418	0.3609	0.2717
warpar10p	0.3846	0.1231	0.2947	0.3067	0.2030
warppie10p	0.2381	0.1524	0.1696	0.1579	0.2911
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.4165	0.1667	0.3892	0.3111	0.5315
watch-acc10%	0.4154	0.1670	0.3874	0.3100	0.5361
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.2779	0.2063	0.1927	0.1510	0.4380
watch-gyr10%	0.2833	0.2048	0.1942	0.1576	0.4560
water_pollution	0.2167	0.3917	0.2151	-0.0453	0.8864
waveform	0.8640	0.0907	0.8640	0.7960	0.3246
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8000	0.1333	0.5508	0.6227	0.3366
Weekly	0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift	0.3684	0.2526	0.3271	0.1800	0.7206
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.8550	0.0725	0.8577	0.8067	0.2030
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5660	0.1447	0.2064	0.2617	0.3265
winequality-white	0.5112	0.1396	0.1981	0.1830	0.3775
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.8217	0.0509	0.5234	0.7687	0.1127
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.3125	0.0917	0.2271	0.2667	0.1590
yeast	0.5000	0.1000	0.2272	0.3409	0.3545
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.4473	0.1105	0.2381	0.3661	0.3290

Table 401: Detailed results for PLSDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1624	0.0704	0.0528	0.0464	0.4150
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.7500	0.2500	0.7513	0.5000	0.7429
ads	0.9512	0.0488	0.8936	0.7633	0.1429
adult	0.8301	0.1699	0.7437	0.4724	0.6492
advanced-iot	0.7750	0.0750	0.7351	0.7300	0.1229
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9126	0.0874	0.4772	-0.0311	0.6533
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8075	0.1925	0.7118	0.4048	0.6903
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8460	0.1540	0.8431	0.6860	0.5731
alcohol	0.7238	0.1105	0.2256	0.2698	0.2375
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8372	0.1628	0.8197	0.6384	0.6062
anneal	0.7978	0.0809	0.3758	0.4389	0.2449
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8484	0.0758	0.4937	0.6928	0.2148
anuran-genus	0.7900	0.0525	0.2746	0.6315	0.2343
anuran-species	0.7431	0.0514	0.3100	0.6238	0.1815
anxiety	0.0917	0.2019	0.0538	-0.0264	0.6982
apple-quality	0.6875	0.3125	0.6888	0.3750	0.8304
aps-failure	0.9845	0.0155	0.7176	0.3726	0.3601
arabidopsis	0.9920	0.0080	0.6663	0.0022	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.6674	0.0072	0.0320

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.6000	0.0615	0.2135	0.1456	0.2058
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.3152	0.0630	0.0551	0.1191	0.2216
audit-risk	0.8974	0.1026	0.8948	0.7786	0.3723
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9571	0.0429	0.9452	0.8898	0.2512
autism-child	0.8276	0.1724	0.8286	0.6556	0.6047
autos	0.6000	0.1333	0.4079	0.4444	0.2365
avila	0.4672	0.0888	0.1616	0.1407	0.3071
babies	0.4355	0.1613	0.1711	0.1064	0.4111
balance	0.8871	0.0753	0.6113	0.7879	0.2115
bank	0.9026	0.0974	0.7048	0.3702	0.5549
banknote	0.9562	0.0438	0.9557	0.9113	0.2432
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8917	0.1083	0.8844	0.7521	0.3633
basehock	0.9598	0.0402	0.9606	0.9196	0.2053
bio	0.9938	0.0062	0.7830	0.4655	0.1007
bio10%	0.9931	0.0069	0.7561	0.4417	0.2576
biodeg	0.7810	0.2190	0.7622	0.5146	0.6885
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0010	0.0342	0.0000	0.0117
bitcoin1%	0.9912	0.0000	0.0272	-0.0043	0.0171
bitcoin10%	0.9858	0.0010	0.0342	0.0000	0.0117
body-perf	0.4784	0.2608	0.4760	0.3045	0.4267
bookings	0.9794	0.0137	0.6546	0.9560	0.0548
brain-tumor	0.5075	0.4925	0.5074	0.0149	0.9956
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.5455	0.1515	0.3684	0.4388	0.1707
bridges	0.7000	0.0857	0.3640	0.5161	0.1378
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4900	0.3400	0.2641	-0.0049	0.3791
car	0.8218	0.0891	0.3920	0.5849	0.2282
car-insurance	0.8230	0.1770	0.7872	0.5701	0.6421
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.4742	0.1052	0.2633	0.3282	0.3331
cardiotocography-nsp	0.8216	0.1189	0.6199	0.4000	0.3506
cardiovascular	0.6498	0.3502	0.6499	0.2995	0.8797
cargo2k	0.9873	0.0085	0.9873	0.9810	0.0414
cars	0.7250	0.1833	0.5840	0.4541	0.4585
cas_N6512_cdk_ECFP2	0.7358	0.2642	0.7339	0.4678	0.7729
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8453	0.1031	0.4053	0.0706	0.2424
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9683	0.0317	0.7760	0.4280	0.0968
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9408	0.0592	0.6785	0.1456	0.2265
census10%	0.9459	0.0541	0.6892	0.1869	0.2328
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.6986	0.1507	0.4094	0.5270	0.2310
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8040	0.1960	0.6176	0.1391	0.5946
churn-bigml	0.8689	0.1311	0.6770	0.1907	0.3895
ci900367j_MACCS	0.7368	0.2632	0.7113	0.3915	0.7190
cirrhosis	0.7381	0.1746	0.5010	0.4526	0.3795
cjs	0.5964	0.1345	0.5037	0.4960	0.2598
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7630	0.1185	0.4245	0.6058	0.2483
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5034	0.3311	0.4874	0.2104	0.7314
cnae-9	0.3333	0.1481	0.2079	0.2500	0.2681
codon_usage	0.4421	0.1014	0.1600	0.2949	0.3267
coil20	0.1389	0.0861	0.0407	0.0949	0.3073
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.3200	0.0907	0.1693	0.2346	0.2890
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5862	0.4138	0.4937	-0.0116	0.9557
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.7241	0.2759	0.7108	0.4171	0.7875
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7419	0.1720	0.6649	0.5739	0.4500
comedy_comparisons1%	0.5215	0.4785	0.5194	0.0386	0.9867
connect-4	0.9812	0.0125	0.4888	0.3236	0.0358
cottonmeloidogyne	0.7572	0.2428	0.7578	0.5147	0.7357
coupon	0.6727	0.3273	0.6632	0.3253	0.8577
covid19	0.5239	0.1360	0.1992	0.1357	0.3578
covtype	0.6492	0.1002	0.2788	0.3884	0.2999
covtype10%	0.6532	0.0991	0.2775	0.3959	0.3044
covtypeCD	0.9235	0.0765	0.8192	0.6057	0.3756
covtypeT	0.9353	0.0647	0.6677	0.1931	0.3485
creditcard_trans	0.9989	0.0011	0.8116	0.5862	0.2308
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.7631	0.0790	0.2669	0.3602	0.1821
cryotherapy	0.6667	0.3333	0.6582	0.3077	0.8482
cultivars	0.0938	0.0453	0.0302	0.0720	0.2353
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1567	0.2811	0.0998	-0.0182	0.6348
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.8148	0.1852	0.8107	0.6213	0.6409
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0966	0.1807	0.0770	-0.0048	0.6987
day1%	0.9153	0.0847	0.9078	0.8092	0.3444

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7970	0.2030	0.6472	0.1567	0.5180
defect	0.8488	0.1512	0.6726	0.0932	0.2972
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8974	0.1026	0.6948	0.3413	0.5518
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.6757	0.1081	0.4346	0.5819	0.1627
desharnais	0.3750	0.4167	0.3158	0.0244	0.6574
dexter	0.8667	0.1333	0.8667	0.7333	0.5209
df_final	0.7500	0.1667	0.7690	0.6098	0.3265
diabetes	0.8077	0.1923	0.8163	0.6154	0.6064
diabetes-100k	0.9362	0.0638	0.7574	0.3841	0.2056
diabetes-risk	0.8453	0.1547	0.7320	0.4082	0.5497
diabetic	0.5767	0.2822	0.3799	0.1599	0.5192
diabetic1%	0.5882	0.2745	0.4735	0.2497	0.6735
diabetic10%	0.5452	0.3032	0.4351	0.1199	0.5607
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.5439	0.1824	0.2523	0.2979	0.3549
dishonest	0.8438	0.1562	0.8238	0.6460	0.6069
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6667	0.3333	0.6495	0.2941	0.8617
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9130	0.0870	0.6741	0.2552	0.4630
dota2	0.6000	0.4000	0.5967	0.1917	0.9263
dota210%	0.5709	0.4291	0.5673	0.1337	0.9518
drebin	0.9415	0.0585	0.9370	0.8739	0.3065
dropout	0.7201	0.1866	0.5257	0.4976	0.3586
drug-01	0.3883	0.1748	0.1061	-0.0068	0.3969
drug-02	0.5000	0.1429	0.1102	0.0358	0.4228
drug-03	0.6915	0.0881	0.1172	0.0096	0.1975
drug-04	0.5213	0.1368	0.1754	0.0391	0.3669
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2682	0.2652	0.3452
drug-07	0.4628	0.1535	0.1443	0.0740	0.3281
drug-08	0.5638	0.1246	0.2393	0.0832	0.3352
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1511	0.1163	0.3507
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6011	0.1140	0.1600	0.1672	0.3345
drug-14	0.6117	0.1109	0.2295	0.2304	0.3319
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5851	0.1185	0.2332	0.2438	0.3184
drug-17	0.3457	0.1869	0.1243	0.0807	0.4445
drug-18	0.9886	0.0000	0.1858	0.0101	0.0096
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.6334	0.1048	0.5576	0.5471	0.2182
ecoli	0.7353	0.0662	0.2896	0.6156	0.1343
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3400	0.3300	0.3384	0.1195	0.7883
eeg	0.2191	0.0976	0.0879	0.1077	0.4398

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
eeg-eye	0.5728	0.4272	0.5548	0.0961	0.9116
eeg10%	0.2453	0.0943	0.0932	0.1421	0.4359
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5205	0.1918	0.3360	0.3546	0.3910
euthyroid	0.9209	0.0791	0.7275	0.3321	0.3228
exon.vs.intron-freq	0.8814	0.1186	0.8861	0.7639	0.4464
exon.vs.intron-freq10%	0.8801	0.1199	0.8839	0.7612	0.4590
fakenews	0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads	0.8527	0.1473	0.8580	0.6997	0.4832
fbis-wc	0.4146	0.0689	0.0955	0.2862	0.2950
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4902	0.5098	0.4530	-0.0798	0.9834
financial-risk	0.6460	0.1180	0.3495	0.3693	0.2743
flags	0.4500	0.1375	0.2002	0.2763	0.3255
fonts	0.1503	0.0111	0.0044	0.0546	0.3683
fonts10%	0.1450	0.0112	0.0042	0.0487	0.3692
forest	0.8077	0.0962	0.7890	0.7339	0.2478
gas	0.4306	0.1898	0.2665	0.2943	0.4202
gastrointestinal	0.6875	0.2083	0.5133	0.4737	0.3707
gender	0.6000	0.2667	0.3706	0.1077	0.4923
gene	0.8738	0.0841	0.8591	0.7977	0.3293
german	0.7400	0.2600	0.6980	0.3612	0.7202
gestures	0.2791	0.3604	0.2366	0.0382	0.7150
gina	0.8617	0.1383	0.8626	0.7228	0.5229
gisette	0.9471	0.0529	0.9472	0.8943	0.2768
glass	0.6190	0.1270	0.4895	0.4343	0.2709
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168
green	0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage	0.3333	0.3333	0.2239	0.0625	0.5956
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.4922	0.0846	0.2709	0.3941	0.2373
har	0.3558	0.2577	0.2754	0.1480	0.5951
har70	0.7397	0.0744	0.3727	0.5788	0.1801
har701%	0.7283	0.0776	0.3628	0.5601	0.1886
har7010%	0.7390	0.0746	0.3726	0.5780	0.1812
harth	0.6079	0.0654	0.1656	0.4094	0.2533
harth1%	0.6049	0.0659	0.1638	0.4027	0.2583
harth10%	0.6073	0.0654	0.1655	0.4088	0.2547
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.8420	0.1580	0.8130	0.6248	0.6080
heart-quantum	0.9400	0.0600	0.9384	0.8760	0.3123
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass	0.8302	0.1698	0.8303	0.6604	0.6037
hepmass1%	0.8298	0.1702	0.8298	0.6596	0.6049

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hepmass10%	0.8299	0.1701	0.8300	0.6597	0.6041
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6055	0.3945	0.6022	0.2036	0.9237
higgs1%	0.6124	0.3876	0.6083	0.2138	0.9131
higgs10%	0.6122	0.3878	0.6086	0.2145	0.9135
higher	0.2857	0.1786	0.1382	0.1411	0.2932
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.9157	0.0843	0.8390	0.6647	0.4329
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.6013	0.3058	0.5151
hotel-reservartions	0.8032	0.1968	0.7668	0.5207	0.6561
hr	0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor	0.5407	0.3062	0.5432	0.3130	0.6904
ht-sensor10%	0.5235	0.3177	0.5263	0.2880	0.7039
htru2	0.9581	0.0419	0.8618	0.6874	0.1755
hypothyroid	0.9182	0.0475	0.3945	0.2281	0.0759
hypothyroidT	0.9310	0.0690	0.7021	0.1756	0.1727
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.7327	0.1337	0.7511	0.6436	0.2687
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	0.8667	0.0889	0.8500	0.7973	0.2122
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.1412	0.0661	0.0685	0.1072	0.3386
jm1	0.8081	0.1919	0.5928	0.0839	0.5627
jvowels	0.4378	0.1249	0.2855	0.3552	0.3587
kc1	0.8626	0.1374	0.6787	0.2727	0.5332
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8462	0.1538	0.7518	0.3716	0.3104
kdc-4007	0.3965	0.1509	0.2582	0.2930	0.3248
kddcup98	0.9483	0.0517	0.5101	0.0018	0.2506
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%	0.9435	0.0565	0.5258	0.0232	0.4817
kddcup99	0.9898	0.0009	0.1294	0.9826	0.0082
kddcup991%	0.9812	0.0029	0.2272	0.9679	0.0162
kddcup9910%	0.9814	0.0016	0.1285	0.9683	0.0136
kepler	0.7741	0.1506	0.7158	0.6190	0.2522
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.2602	0.0822	0.0946	0.1410	0.4009
krvskp	0.9216	0.0784	0.9215	0.8427	0.3630
la1s-wc	0.5333	0.1556	0.3639	0.3609	0.3258
la2s-wc	0.5894	0.1369	0.3980	0.4404	0.3016
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.1471	0.0426	0.0211	0.1101	0.2196
led24	0.4500	0.1100	0.2942	0.3642	0.2739
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.1875	0.0625	0.1049	0.1540	0.4139
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.2778	0.0963	0.1431	0.2277	0.2756
linkage	0.9979	0.0021	0.8940	0.7708	0.4755
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
linkage10%	0.9981	0.0019	0.9022	0.7868	0.4689
liver	0.7647	0.2353	0.7455	0.4868	0.7356
loan	0.9368	0.0632	0.9332	0.8662	0.3295
localization	0.4024	0.1087	0.0991	0.1470	0.3659
localization10%	0.3920	0.1105	0.0928	0.1330	0.3766
lrs	0.5992	0.0761	0.2442	0.4049	0.2057
lung	0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete	0.7500	0.0714	0.3750	0.6667	0.0972
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.8000	0.0800	0.3765	0.4444	0.1568
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.6667	0.0741	0.2500	0.5263	0.1076
machine-failure	0.9043	0.0957	0.9033	0.8050	0.4227
madelon	0.5923	0.4077	0.5937	0.1846	0.9272
magic04	0.7564	0.2436	0.7203	0.4244	0.7309
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8235	0.6458	0.6162
marketing	0.8929	0.1071	0.7543	0.4112	0.3595
maternal	0.5644	0.2904	0.5136	0.3240	0.5567
math	0.7000	0.1500	0.3901	0.5010	0.2903
mba	0.8355	0.1097	0.3485	0.0075	0.2492
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1933	0.3227	0.2034	-0.0110	0.8194
messidor	0.6000	0.4000	0.6014	0.2009	0.9178
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.4444	0.2778	0.5662	0.2500	0.2753
meter-D	0.6111	0.1944	0.4222	0.4299	0.2079
mfeat-fac	0.3350	0.1330	0.2553	0.2611	0.3392
mfeat-fou	0.4050	0.1190	0.3310	0.3389	0.3176
mfeat-kar	0.3800	0.1240	0.2201	0.3111	0.2976
mfeat-mor	0.4150	0.1170	0.3574	0.3500	0.2625
mfeat-pix	0.4550	0.1090	0.3770	0.3944	0.3022
mfeat-zer	0.3250	0.1350	0.1987	0.2500	0.3192
mice-prot	0.5000	0.1250	0.4704	0.4242	0.2949
milk	0.7547	0.1635	0.7245	0.6217	0.4560
mines	0.4412	0.2235	0.2602	0.2806	0.3545
mobile	0.1049	0.0320	0.0401	0.0879	0.2974
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6230	0.3770	0.3838	-0.0637	0.7809
monks-3	0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9963	0.0037	0.9963	0.9926	0.0306
music	0.3606	0.1163	0.1841	0.1732	0.4092
musk	0.8758	0.1242	0.7189	0.3242	0.4122
MUT_ci300400a_cdk_ECFP2	0.7782	0.2218	0.7701	0.5392	0.7078
MUT_ci300400a_rdkit_descriptors	0.6679	0.3321	0.6540	0.3028	0.8576
myocardial	0.8706	0.0324	0.2424	0.3411	0.0990
naticusdroid	0.9250	0.0750	0.9253	0.8500	0.3518
nci9	0.1667	0.1852	0.0741	0.1176	0.2524
ncRNA	0.8468	0.0161	0.1133	0.4972	0.1363
ncRNA1%	0.8503	0.0158	0.0864	0.5078	0.1209
ncRNA10%	0.8487	0.0159	0.0871	0.5088	0.1353
neo	0.9027	0.0973	0.4744	0.0000	0.2194

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
new3s-wc	0.0756	0.0420	0.0224	0.0062	0.4045
newspop	0.6410	0.3590	0.6377	0.2733	0.8870
NHANES_age_prediction	0.9383	0.0617	0.8772	0.7328	0.2608
nomao	0.9048	0.0952	0.8848	0.7694	0.4657
NPHA-doctor-visits	0.4583	0.3611	0.2471	-0.0939	0.5773
nursery	0.9082	0.0367	0.5522	0.8639	0.1160
obesity	0.3744	0.1787	0.3069	0.2670	0.4885
obs	0.4815	0.2593	0.3274	0.1494	0.5634
occupancy	0.9796	0.0204	0.9729	0.9442	0.1931
Occupancy_Estimation	0.9082	0.0459	0.7129	0.6795	0.1442
oh0-wc	0.3960	0.1208	0.1598	0.2787	0.2877
oh10-wc	0.5048	0.0990	0.2847	0.4185	0.2853
oh15-wc	0.4457	0.1109	0.1812	0.3430	0.2809
oh5-wc	0.3846	0.1231	0.2288	0.2762	0.3068
ohscal-wc	0.3378	0.1324	0.2291	0.2487	0.3729
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.4306	0.1139	0.2846	0.3671	0.3211
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.1000	0.0450	0.0494	0.0769	0.2707
orlraws10P	0.4000	0.1200	0.2740	0.3333	0.1855
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7938	0.2062	0.7626	0.5196	0.6881
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8765	0.7471	0.4811
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9141	0.0344	0.2711	0.2472	0.0895
parkinson	0.8833	0.1167	0.8793	0.7586	0.4860
parkinsons	0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.8177	0.1823	0.7603	0.4610	0.5259
particle10%	0.8262	0.1738	0.7717	0.4954	0.5306
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4639	0.5361	0.4319	-0.1339	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8134	0.6078	0.5105
pediatric-leukemia	0.5588	0.1260	0.3210	0.4504	0.2512
pendigits	0.3567	0.1287	0.2945	0.2842	0.3281
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7988	0.2012	0.7816	0.5598	0.6723
personalities	0.2167	0.0979	0.1180	0.1645	0.4087
pet-adoption	0.8700	0.1300	0.8511	0.7014	0.5348
phishing	0.9469	0.0531	0.9442	0.8880	0.2777
phone-acc	0.3403	0.1885	0.2850	0.2265	0.3921
phone-acc0.1%	0.3844	0.1759	0.3250	0.2787	0.4170
phone-acc1%	0.3817	0.1767	0.3320	0.2755	0.4027
phone-acc10%	0.3334	0.1905	0.2747	0.2182	0.3904
phone-gyr	0.3367	0.1895	0.3014	0.2248	0.3461
phone-gyr0.1%	0.3238	0.1932	0.2193	0.2093	0.3495
phone-gyr1%	0.3336	0.1904	0.3155	0.2211	0.3488
phone-gyr10%	0.3366	0.1896	0.3033	0.2247	0.3478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phoneme	0.7611	0.2389	0.6901	0.3760	0.7750
phy	0.7014	0.2986	0.7014	0.4027	0.8192
pima	0.6974	0.3026	0.6735	0.3063	0.7532
placement	0.7910	0.2090	0.7869	0.5734	0.6856
plant-growth	0.8421	0.1579	0.8444	0.6851	0.5655
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1001	0.0666	0.0000	0.1726
poker1%	0.4995	0.1001	0.0973	0.0050	0.2106
poker10%	0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7395	0.2605	0.7053	0.4032	0.7742
popularity	0.6494	0.2337	0.3922	0.1350	0.4495
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.6425	0.1430	0.5756	0.5512	0.3505
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.2121	0.0716	0.0547	0.1227	0.2996
processed	0.8605	0.1395	0.8419	0.6835	0.5681
profb	0.8060	0.1940	0.7711	0.5330	0.6591
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.6838	0.1265	0.4483	0.5554	0.2981
puc-rio10%	0.6958	0.1217	0.4569	0.5723	0.2809
pufs-128	0.5006	0.4994	0.5006	0.0012	0.9996
pufs-1281%	0.5080	0.4920	0.5080	0.0160	0.9953
pufs-12810%	0.4997	0.5003	0.4997	-0.0005	1.0000
pufs-64	0.5020	0.4980	0.5020	0.0040	0.9980
pufs-641%	0.5008	0.4992	0.5008	0.0017	0.9995
pufs-6410%	0.5020	0.4980	0.5020	0.0040	0.9988
pulsar	0.9673	0.0327	0.8956	0.7706	0.1406
raisin	0.9000	0.1000	0.9025	0.8000	0.4045
rcv11%	0.2741	0.0274	0.0288	0.0707	0.2726
rcv110%	0.3282	0.0254	0.0345	0.1479	0.2539
re0-wc	0.5333	0.0718	0.1009	0.2838	0.2793
re1-wc	0.4398	0.0448	0.0721	0.2952	0.2613
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.6675	0.0102	0.0295	0.4751	0.1841
rice	0.9824	0.0176	0.9823	0.9644	0.1090
rnaseq	0.7375	0.1050	0.5448	0.6249	0.1595
rocket	0.6212	0.3788	0.5890	0.1663	0.8975
RT_IOT2022	0.8570	0.0238	0.2070	0.6033	0.0810
satimage	0.5754	0.1415	0.4783	0.4614	0.2990
satimageF	0.9767	0.0233	0.9375	0.8691	0.1320
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.5746	0.1081	0.3112	0.4338	0.1706
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6765	0.3235	0.6768	0.3529	0.8487
sclerosis	0.9630	0.0370	0.9635	0.9244	0.1598
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.8205	0.1795	0.8191	0.6380	0.6262
segment	0.3939	0.1732	0.2789	0.2945	0.2844
segmentation	0.7921	0.2079	0.7672	0.5293	0.6873

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
segmentO	0.8701	0.1299	0.6992	0.1853	0.2704
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8635	0.1365	0.4634	-0.0052	0.3825
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8658	0.1342	0.5503	0.0232	0.4453
sens-5-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.3130	0.1249	0.2382	0.2443	0.3822
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8751	0.1249	0.7136	0.3348	0.4643
shuttle	0.8631	0.0391	0.3336	0.5193	0.0912
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9270	0.0730	0.8936	0.7858	0.4440
skin10%	0.9248	0.0752	0.8888	0.7770	0.4494
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.1600	0.4200	0.1368	-0.1182	0.7709
smk_can_187	0.5263	0.4737	0.5278	0.0552	0.9801
smoking	0.7226	0.2774	0.7081	0.4150	0.7962
soil_pollution	0.1967	0.3213	0.1694	-0.0069	0.7496
solar-flare	0.5755	0.1415	0.3414	0.4518	0.2981
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.3676	0.0666	0.1401	0.2755	0.2591
spam-detection	0.9175	0.0825	0.6922	0.1863	0.2598
spambase	0.8913	0.1087	0.8872	0.7656	0.4090
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.2453	0.0314	0.0317	0.1699	0.2396
splice-EI	0.9432	0.0568	0.9303	0.8566	0.3541
splice-IE	0.8927	0.1073	0.8451	0.6857	0.4963
sport-articles	0.8600	0.1400	0.8486	0.6857	0.4988
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	0.8000	0.1333	0.5385	0.5455	0.2005
startup	0.9785	0.0215	0.9765	0.9530	0.1491
steel_industry	0.7006	0.1996	0.6457	0.5111	0.5606
steel-b	0.7949	0.2051	0.6209	0.1950	0.7049
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9590	0.0410	0.9356	0.8693	0.2472
steel-o	0.7333	0.2667	0.6882	0.3459	0.7423
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9333	0.0667	0.7789	0.5194	0.4195
stellar	0.7220	0.1853	0.5576	0.3943	0.2778
stock	0.8681	0.1319	0.7447	0.4462	0.5391
stockb	0.8590	0.0940	0.8618	0.7886	0.2314
streaming	0.7740	0.2260	0.7711	0.5421	0.7132
stress	0.5873	0.1651	0.5879	0.4878	0.1680
student-lifestyle	0.6100	0.1560	0.3621	0.3386	0.3392
student-depression	0.8308	0.1692	0.8244	0.6472	0.6033
student-habits	0.4300	0.2280	0.1979	0.0938	0.4579
student-weekend	0.4308	0.2277	0.2051	0.1775	0.4452
student-workday	0.7344	0.1062	0.2687	0.1929	0.2697

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
studentap	0.5385	0.3077	0.5342	0.2778	0.6089
susy	0.7498	0.2502	0.7598	0.4799	0.6407
susy1%	0.7498	0.2502	0.7581	0.4808	0.6538
susy10%	0.7510	0.2490	0.7607	0.4828	0.6417
swarm_aligned	0.9721	0.0279	0.9692	0.9366	0.1944
swarm_flocking	0.8301	0.1699	0.8302	0.6603	0.6038
swarm_grouped	0.9351	0.0649	0.9306	0.8611	0.3304
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8906	0.1094	0.8542	0.7008	0.4670
texture	0.2582	0.1349	0.1105	0.1858	0.3043
theorem	0.8822	0.1178	0.8783	0.7552	0.4776
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.7368	0.2632	0.7178	0.4328	0.7759
tis	0.8983	0.1017	0.8617	0.7230	0.4970
tis10%	0.8284	0.1716	0.7484	0.4792	0.6398
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.6250	0.1250	0.2411	0.4146	0.1603
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.7273	0.0909	0.3081	0.1562	0.1749
trec23-wc	0.4762	0.1746	0.2189	0.0977	0.3002
trec31-wc	0.3763	0.1782	0.0800	0.0066	0.3148
trec41-wc	0.2841	0.1432	0.0446	0.0016	0.3267
trec45-wc	0.3913	0.1217	0.1134	0.2390	0.3255
tuandromd	0.9081	0.0919	0.8482	0.6693	0.3566
turkish	0.6500	0.1750	0.5581	0.5333	0.3319
tvnews	0.8545	0.1455	0.8407	0.6774	0.5482
tvnews1%	0.9000	0.1000	0.8917	0.7825	0.4367
tvnews10%	0.8620	0.1380	0.8495	0.6953	0.5300
urban	0.4776	0.1161	0.2622	0.3713	0.2992
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%	0.9215	0.0785	0.9111	0.8190	0.3534
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.4643	0.2679	0.4276	0.2761	0.6094
vehicleVAN	0.7857	0.2143	0.6699	0.2653	0.6296
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9767	0.0233	0.9773	0.9535	0.1262
vowel	0.3838	0.1120	0.3301	0.3222	0.2595
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.3846	0.0615	0.0962	0.2767	0.3034
warpar10p	0.3077	0.1385	0.2115	0.2148	0.2204
warppie10p	0.1905	0.1619	0.1128	0.1053	0.3287
watch-acc	0.3306	0.1913	0.3128	0.2091	0.5139
watch-acc1%	0.3352	0.1899	0.3017	0.2155	0.5106
watch-acc10%	0.3315	0.1910	0.3076	0.2103	0.5122
watch-gyr	0.2846	0.2044	0.1716	0.1579	0.4247
watch-gyr1%	0.2873	0.2036	0.1591	0.1610	0.4100
watch-gyr10%	0.2841	0.2046	0.1579	0.1572	0.4226

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
water_pollution	0.2200	0.3900	0.2206	-0.0392	0.8791
waveform	0.8600	0.0933	0.8604	0.7901	0.3320
weather-related	0.4385	0.1021	0.2146	0.3282	0.2727
web-phishing	0.8000	0.1333	0.5499	0.6221	0.3292
weight-lift	0.3417	0.2633	0.2471	0.1311	0.5287
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.7300	0.1350	0.6277	0.6400	0.2320
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5472	0.1509	0.1991	0.2290	0.3421
winequality-white	0.5072	0.1408	0.1632	0.1690	0.3399
winnipeg	0.7133	0.0819	0.4406	0.6224	0.1783
winnipeg10%	0.7067	0.0838	0.4337	0.6133	0.1816
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.1875	0.1083	0.0736	0.1333	0.2608
yeast	0.4459	0.1108	0.1909	0.2608	0.3585
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.3688	0.1262	0.1566	0.2694	0.3413

Table 402: Detailed results for PLSGLM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1831	0.0778	0.1030	0.0882	0.4654
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9809	0.0191	0.5392	0.0284	0.3504
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9695	0.0305	0.9350	0.8688	0.2443
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9277	0.0362	0.6710	0.8588	0.1643
anuran-genus	0.9305	0.0174	0.7389	0.8831	0.1368
anuran-species	0.9319	0.0136	0.7853	0.9044	0.1303
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.4000	0.2400	0.2295	0.1781	0.3538
avila	0.5141	0.0810	0.2631	0.2579	0.3398
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.9085	0.0915	0.7404	0.4675	0.5759
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9171	0.0829	0.9097	0.8158	0.3612
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8682	0.7362	0.5083
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.7407	0.7800	0.0723
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8448	0.0776	0.6244	0.6653	0.3567
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.7887	0.0423	0.6878	0.7439	0.1825
cardiotocography-nsp	0.8826	0.0782	0.7931	0.6638	0.4160
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5432	0.4216	0.5550
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.6523	0.3477	0.6506	0.3011	0.8780
cas_N6512_RDkit_AtomPair_FP	0.7178	0.2822	0.7157	0.4312	0.7984
cas_N6512_rdkit_AVALON	0.7358	0.2642	0.7373	0.4724	0.7651
cas_N6512_RDkit_Avalon_FP	0.7408	0.2592	0.7428	0.4828	0.7562
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.6917	0.3083	0.6901	0.3802	0.8324
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.7785	0.2215	0.7767	0.5530	0.7037
cas_N6512_RDkit_morgan_FP	0.7623	0.2377	0.7613	0.5225	0.7312
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.7373	0.2627	0.7374	0.4740	0.7674
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.7987	0.5967	0.6575
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.7856	0.5710	0.4672
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.9490	0.0010	0.9511	0.9485	0.0177
cirrhosis	0.7381	0.1746	0.4989	0.4628	0.3973
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7704	0.1148	0.4942	0.6232	0.3001
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4676	0.2010	0.7453
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8158	0.0335	0.5471	0.7736	0.2130
coil20	0.9236	0.0076	0.9138	0.9195	0.0301
college	0.7273	0.2727	0.4211	0.0000	0.4205
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5517	0.4483	0.4280	-0.1254	0.9808
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4	0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
comedy_comparisons	0.5197	0.4803	0.3420	0.0000	0.5252
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7524	0.2476	0.7526	0.5049	0.7454
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8829	0.0390	0.7100	0.7471	0.2592
cryotherapy	0.7778	0.2222	0.7750	0.5500	0.7072
cultivars	0.1875	0.0406	0.1412	0.1680	0.1179
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8130	0.1870	0.6821	0.2891	0.5956
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8987	0.1013	0.7123	0.4018	0.5898
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.6525	0.4146	0.3469
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5000	0.5000	0.5143	0.0270	0.9591
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7652	0.1565	0.6578	0.5973	0.4319
drug-01	0.3989	0.1717	0.1230	0.0299	0.5002
drug-02	0.5213	0.1368	0.2162	0.1039	0.4708
drug-03	0.6915	0.0881	0.1379	0.0464	0.2416
drug-04	0.5319	0.1337	0.2188	0.0865	0.3794
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-06	0.4362	0.1611	0.2139	0.2704	0.4090
drug-07	0.4681	0.1520	0.1445	0.0797	0.3062
drug-08	0.5691	0.1231	0.1945	0.1259	0.3764
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.1519	0.1307	0.3564
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1729	0.2218	0.3297
drug-14	0.5957	0.1155	0.2244	0.2314	0.3978
drug-15	0.7500	0.0714	0.1236	0.0290	0.2685
drug-16	0.6011	0.1140	0.2524	0.3095	0.3716
drug-17	0.3617	0.1824	0.1306	0.1040	0.4567
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7606	0.0684	0.1234	-0.0134	0.2600
drybean	0.8802	0.0342	0.8956	0.8549	0.1751
ecoli	0.8824	0.0392	0.7490	0.8363	0.1283
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6142	0.3858	0.6036	0.2001	0.9050
eeg10%	0.2927	0.0884	0.2242	0.2061	0.5517
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5753	0.1699	0.4955	0.4411	0.4244
euthyroid	0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8892	0.1108	0.8898	0.7784	0.4589
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	1.0000	0.0000	0.0002	1.0000	1.0000
fbis-wc	0.6829	0.0373	0.5612	0.6395	0.2277
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9423	0.0288	0.9418	0.9207	0.1008
gas	0.7369	0.0877	0.6772	0.6802	0.2316
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6000	0.2667	0.3792	0.1413	0.5118
gene	0.9274	0.0484	0.9176	0.8838	0.2182
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8847	0.1153	0.8848	0.7692	0.4722
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7143	0.0952	0.6880	0.5896	0.2365
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.3984	0.1228	0.6254
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.8829	0.0195	0.7802	0.8616	0.1399
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7668	0.0666	0.3927	0.6212	0.1476
har7010%	0.7656	0.0670	0.3934	0.6192	0.1550
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6592	0.0568	0.2411	0.5079	0.2217
harth10%	0.6584	0.0569	0.2421	0.5062	0.2269
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.7059	0.2941	0.7043	0.4056	0.8063
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.9000	0.1000	0.9009	0.8000	0.4259
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6318	0.3682	0.6284	0.2537	0.8938
higgs1%	0.6285	0.3715	0.6249	0.2463	0.8967
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.1429	0.2143	0.1148	-0.0060	0.4414
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.9342	0.0658	0.8823	0.7645	0.4318
hiva	0.9645	0.0355	0.6167	0.1102	0.3399
horse	0.5833	0.2778	0.5468	0.2613	0.6395
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5617	0.2922	0.5641	0.3414	0.6697
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9390	0.0305	0.5564	0.5534	0.1696
hypothyroidT	0.9682	0.0318	0.8780	0.7234	0.0997
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.8667	0.0889	0.8500	0.7973	0.2122
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8127	0.1873	0.6151	0.1315	0.5813
jvowels	0.9116	0.0196	0.9059	0.8998	0.1221
kc1	0.8626	0.1374	0.6890	0.3408	0.6188
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.6154	0.1538	0.1778	0.2262	0.3070
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.5782	0.1357	0.7892

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kdc-4007	1.0000	1.0000	0.0994	1.0000	0.4715
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2713	0.0810	0.2061	0.1624	0.5039
krvskp	0.9592	0.0408	0.9593	0.9184	0.2285
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6614	0.6612	0.0778
led24	0.7000	0.0667	0.7217	0.6591	0.1654
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.6455	0.0273	0.6433	0.6313	0.3105
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.6667	0.0444	0.6437	0.6418	0.1325
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8868	0.0226	0.5757	0.8424	0.0723
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	0.7500	0.1000	0.7000	0.6735	0.1436
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.4149	0.5851	0.2932	0.0000	0.5268
madelon	0.6192	0.3808	0.6195	0.2385	0.9096
magic04	0.7801	0.2199	0.7506	0.4940	0.7070
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8646	0.1354	0.8640	0.7277	0.5259
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6238	0.2508	0.6213	0.4168	0.5381
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.6696	0.3304	0.6767	0.3458	0.8335
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.5629	0.4592	0.3254
meter-D	0.5556	0.2222	0.4091	0.3846	0.2120
mfeat-fac	0.9650	0.0070	0.9657	0.9611	0.0412
mfeat-fou	0.7800	0.0440	0.7789	0.7556	0.1784
mfeat-kar	0.9650	0.0070	0.9660	0.9611	0.0441
mfeat-mor	0.7100	0.0580	0.7107	0.6778	0.2211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-pix	0.9700	0.0060	0.9709	0.9667	0.0353
mfeat-zer	0.7800	0.0440	0.7756	0.7556	0.1871
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.2358	0.5094	0.1272	0.0000	0.4229
mines	0.5000	0.2000	0.4151	0.3724	0.3946
mobile	0.7028	0.0106	0.7063	0.6974	0.1262
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9015	0.0985	0.7911	0.5657	0.5139
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.8012	0.1988	0.7959	0.5917	0.6685
MUT_ci300400a_cdk_ECFP6	0.7772	0.2228	0.7706	0.5411	0.7114
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.7734	0.2266	0.7691	0.5376	0.7156
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.7389	0.2611	0.7288	0.4563	0.7714
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.0647	0.2338	0.0152	0.0000	0.1418
naticusdroid	0.9529	0.0471	0.9531	0.9059	0.2521
NCI60	0.6667	0.1111	0.6667	0.6000	0.1003
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7057	0.0310	0.0682	0.1629	0.3718
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6440	0.3560	0.6409	0.2800	0.8846
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9260	0.0740	0.9087	0.8172	0.3869
NPHA-doctor-visits	0.5000	0.3333	0.2849	-0.0302	0.5269
nursery	0.9182	0.0409	0.7605	0.8789	0.1424
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.7870	0.1065	0.8411	0.6784	0.2319
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9714	0.0143	0.9060	0.9127	0.0826
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9298	0.0156	0.9215	0.9118	0.0396
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9123	0.0877	0.6612	0.0194	0.2041
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.9250	0.0037	0.9059	0.9231	0.0126
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9328	0.0672	0.6875	0.2946	0.4475
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9433	0.0227	0.5636	0.6460	0.2765
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8531	0.1469	0.8099	0.6126	0.5758
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5309	0.4691	0.3468	-0.1010	0.8613
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.8553	0.1447	0.7983	0.5926	0.6007
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.8999	0.0200	0.9023	0.8888	0.1193
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9510	0.0490	0.9485	0.8965	0.2569
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.5881	0.1177	0.5730	0.5172	0.3935
phone-acc1%	0.6098	0.1115	0.5772	0.5426	0.3881
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.5635	0.1247	0.5400	0.4882	0.4314
phone-gyr1%	0.5608	0.1255	0.5368	0.4853	0.4247
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7630	0.2370	0.6940	0.3847	0.7725
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9693	0.0205	0.9243	0.8992	0.0915
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4907	0.1455	0.1288	-0.0117	0.2577
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7665	0.2335	0.7379	0.4699	0.7325
popularity	0.6608	0.2261	0.4082	0.1918	0.4605
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.7901	0.0839	0.7897	0.7376	0.3155
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6481	0.2941	0.8778
prestige	0.3333	0.4444	0.1667	0.0000	0.4024
primary-tumor	0.5758	0.0653	0.5164	0.5242	0.2319
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8507	0.1493	0.8308	0.6616	0.5882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.8028	0.0789	0.7212	0.7302	0.2780
puc-rio10%	0.8129	0.0748	0.7209	0.7445	0.2772
pufs-1281%	0.4972	0.5028	0.4972	-0.0057	1.0000
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5050	0.4950	0.5050	0.0100	0.9971
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.0019	0.0487	0.0001	0.0000	0.3465
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6212	0.3788	0.5927	0.1789	0.9083
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8243	0.0586	0.7731	0.7801	0.2015
satimageF	0.9844	0.0156	0.9589	0.9167	0.1403
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6471	0.3529	0.6481	0.2941	0.8778
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom	0.8423	0.1577	0.8407	0.6812	0.5808
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9221	0.0223	0.9289	0.9089	0.0922
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	1.0000	1.0000	0.2405	1.0000	0.4931
sens-7-gram	0.0000	1.0000	0.0000	1.0000	0.0000
sens-8-gram	0.0000	1.0000	0.0000	1.0000	1.0000
sensorless	0.5089	0.0893	0.5197	0.4598	0.4138
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8840	0.1160	0.7396	0.4220	0.4942
shuttle	0.9234	0.0219	0.5270	0.7596	0.0951
sick	0.9549	0.0451	0.7909	0.5627	0.4329
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9189	0.0811	0.8780	0.7558	0.4664
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7698	0.0767	0.6973	0.7036	0.1795

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9130	0.0870	0.9089	0.8150	0.3758
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.3846	0.0456	0.1813	0.3426	0.1982
splice-EI	0.9558	0.0442	0.9453	0.8876	0.3038
splice-IE	0.8991	0.1009	0.8590	0.7180	0.5039
sport-articles	0.8500	0.1500	0.8366	0.6690	0.5577
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.7360	0.1760	0.6801	0.5706	0.4930
steel-b	0.8000	0.2000	0.6492	0.2744	0.7315
steel-d	0.9744	0.0256	0.7350	0.4328	0.4212
steel-k	0.9846	0.0154	0.9767	0.9533	0.1586
steel-o	0.7436	0.2564	0.7017	0.3758	0.7304
steel-p	0.9282	0.0718	0.7091	0.3829	0.5270
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9590	0.0410	0.8893	0.7772	0.4339
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.3348	0.4435	0.1672	0.0000	0.4165
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.3692	0.2523	0.2325	0.1126	0.6728
student-workday	0.7031	0.1187	0.2271	0.0830	0.3018
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7822	0.2178	0.7822	0.5544	0.6692
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9582	0.0076	0.9612	0.9539	0.0500
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.8824	0.0588	0.8875	0.8426	0.1448
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.8250	0.0875	0.8283	0.7667	0.1933
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8540	0.7907	0.1523
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7143	0.1429	0.6757	0.6121	0.3711
vehicleVAN	0.9524	0.0476	0.9363	0.8644	0.1545
voice	0.7500	0.2500	0.7989	0.5263	0.5112
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.4343	0.1028	0.4491	0.3778	0.3035
vowelZ	0.9495	0.0505	0.8723	0.7343	0.4979
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.9231	0.0154	0.8830	0.9128	0.0257
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.5083	0.1405	0.4932	0.4231	0.5276
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.5094	0.1402	0.4945	0.4267	0.4474
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8660	0.0893	0.8666	0.7991	0.3223
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8000	0.1333	0.5537	0.6256	0.4188
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.1667	0.8333	0.1429	-0.6667	0.9586
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9731	0.0269	0.8382	0.6534	0.2957
wine	0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red	0.5912	0.1363	0.2692	0.3186	0.3601
winequality-white	0.5256	0.1356	0.2498	0.2241	0.4255
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9724	0.0079	0.9744	0.9650	0.0572
wisc_bc	0.3684	0.6316	0.2692	0.0000	0.5148
yale	0.6250	0.0500	0.6377	0.6000	0.1051
yeast	0.5000	0.1111	0.3407	0.3523	0.4009
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.8763	0.0247	0.8665	0.8613	0.1637

Table 403: Detailed results for PLSGLM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1928	0.0769	0.1395	0.1118	0.4948
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9726	0.0274	0.8678	0.7355	0.4265
accelerometer	0.9809	0.0191	0.5392	0.0284	0.3504
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9695	0.0305	0.9350	0.8688	0.2443
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.7079	0.1169	0.1658	0.0000	0.2204
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9444	0.0278	0.8124	0.8925	0.2229
anuran-genus	0.9624	0.0094	0.9029	0.9376	0.1265
anuran-species	0.9722	0.0056	0.9306	0.9614	0.0642
anxiety	0.1250	0.1944	0.0247	0.0000	0.4034
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.5556	0.0889	0.0714	0.0000	0.2612
auction	0.8971	0.1029	0.7211	0.3859	0.5057
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.5625	0.0729	0.4628	0.3489	0.4043
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8548	0.0968	0.6041	0.7368	0.4257
bank	0.9085	0.0915	0.7400	0.4664	0.5751
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9124	0.0876	0.9047	0.8050	0.3716
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8682	0.7362	0.5083
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.4545	0.5455	0.4500	-0.1000	1.0000
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5820	0.5644	0.1810
bridges	0.5000	0.1667	0.1111	0.0000	0.3136
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8333	0.0833	0.4092	0.6303	0.2305
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography	0.8028	0.0394	0.7189	0.7600	0.1656
cardiotocography-nsp	0.8873	0.0751	0.7970	0.6823	0.4040
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9924	0.0051	0.9923	0.9886	0.0237
cars	0.7250	0.1833	0.5724	0.4781	0.5086
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.6523	0.3477	0.6506	0.3011	0.8780
cas_N6512_RDkit_AtomPair_FP	0.7193	0.2807	0.7172	0.4344	0.7964
cas_N6512_rdkit_AVALON	0.7327	0.2673	0.7348	0.4668	0.7679
cas_N6512_RDkit_Avalon_FP	0.7408	0.2592	0.7428	0.4828	0.7562
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.6933	0.3067	0.6917	0.3835	0.8304
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.7631	0.2369	0.7613	0.5224	0.7302
cas_N6512_RDkit_morgan_FP	0.7669	0.2331	0.7657	0.5314	0.7239
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.7327	0.2673	0.7331	0.4651	0.7733
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9973	0.0027	0.4993	-0.0005	0.3640
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.7856	0.5710	0.4672
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.5180	0.5070	0.3634
cjs	0.2429	0.2524	0.0651	0.0000	0.3839
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8037	0.0981	0.5645	0.6924	0.3149
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.7500	0.1667	0.8028	0.6000	0.3320
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4762	0.3492	0.4450	0.1715	0.7604
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8365	0.0297	0.5894	0.7996	0.2098
coil20	0.1458	0.0854	0.1174	0.1022	0.3643
college	0.7273	0.2727	0.4211	0.0000	0.4205
collins	0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5862	0.4138	0.4937	-0.0116	0.9557
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.8966	0.1034	0.8971	0.7924	0.4312
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7548	0.2452	0.7557	0.5099	0.7381
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.5000	0.2500	0.3333	0.3333	0.2044
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8986	0.0338	0.7950	0.7859	0.2546
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.3125	0.0344	0.2156	0.2932	0.1094
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.6998	0.3793	0.7738
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8137	0.1863	0.6836	0.2926	0.5946
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8994	0.1006	0.7141	0.4052	0.5864
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.2973	0.2342	0.0764	0.0000	0.3667
desharnais	0.5000	0.3333	0.3639	0.1351	0.4618
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8846	0.1154	0.8771	0.7516	0.4687
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5000	0.5000	0.5143	0.0270	0.9591
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7833	0.1445	0.7119	0.6375	0.4278
drug-01	0.4043	0.1702	0.1609	0.0574	0.5260
drug-02	0.5160	0.1383	0.1739	0.0971	0.4356
drug-03	0.6809	0.0912	0.1161	-0.0052	0.2681
drug-04	0.5160	0.1383	0.2005	0.0731	0.5381
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-06	0.4255	0.1641	0.2596	0.2668	0.5324
drug-07	0.4681	0.1520	0.1451	0.0890	0.3382
drug-08	0.5426	0.1307	0.1557	0.0661	0.4490
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1432	0.0990	0.3599
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1786	0.2449	0.3970
drug-14	0.5904	0.1170	0.2199	0.2320	0.4126
drug-15	0.7553	0.0699	0.1233	0.0078	0.2431
drug-16	0.5638	0.1246	0.2047	0.2338	0.3995
drug-17	0.3670	0.1809	0.1776	0.1181	0.5189
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7606	0.0684	0.1234	-0.0134	0.2600
drybean	0.9265	0.0210	0.9381	0.9112	0.1232
ecoli	0.8235	0.0588	0.6846	0.7450	0.1164
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8485	0.1515	0.6033	0.2029	0.6894
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.3034	0.0871	0.2670	0.2160	0.5729
eeg-eye	0.5955	0.4045	0.5826	0.1566	0.9165
eeg10%	0.3046	0.0869	0.3221	0.2263	0.6240
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.9589	0.0411	0.8767	0.7495	0.3628
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8898	0.1102	0.8903	0.7796	0.4576
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	1.0000	0.0000	0.0002	1.0000	1.0000
fbis-wc	0.2073	0.0933	0.0202	0.0000	0.3505
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9038	0.0481	0.8860	0.8675	0.1389
gas	0.8943	0.0352	0.8894	0.8717	0.1339
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6021	0.2653	0.3807	0.1449	0.5100
gene	0.9180	0.0547	0.9100	0.8694	0.2348
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.8847	0.1153	0.8848	0.7692	0.4722
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.5238	0.1587	0.5034	0.3204	0.3509
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.2110	0.0566	0.5338
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.9323	0.0113	0.8427	0.9200	0.0698
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.7765	0.0638	0.4464	0.6376	0.1492
har7010%	0.7710	0.0654	0.4275	0.6295	0.1838
harth	0.4492	0.0918	0.0517	0.0000	0.2692
harth1%	0.6805	0.0532	0.2635	0.5452	0.2323
harth10%	0.6752	0.0541	0.2636	0.5374	0.2428
hayes-roth	0.3750	0.4167	0.4172	0.0062	0.6221
hcc-survival	0.7059	0.2941	0.7043	0.4056	0.8063
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.9000	0.1000	0.9009	0.8000	0.4259
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8344	0.1656	0.8344	0.6687	0.5953
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6309	0.3691	0.6275	0.2524	0.8959
higgs1%	0.6290	0.3710	0.6254	0.2474	0.8960
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.4286	0.1429	0.3230	0.3043	0.2498
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.9342	0.0658	0.8823	0.7645	0.4318
hiva	0.9622	0.0378	0.4904	-0.0045	0.3546
horse	0.5833	0.2778	0.4060	0.2105	0.5285
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.5769	0.2821	0.5803	0.3614	0.6563
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9496	0.0252	0.4176	0.6715	0.1179
hypothyroidT	0.9682	0.0318	0.8780	0.7234	0.0997
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.6816	0.0245	0.6690	0.6689	0.1583
jm1	0.8118	0.1882	0.6119	0.1295	0.5906
jvowels	0.9498	0.0112	0.9460	0.9431	0.0759
kc1	0.8673	0.1327	0.6994	0.3535	0.5873
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6154	0.1538	0.1600	0.0441	0.3630
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6081	0.1734	0.7219

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kdc-4007	1.0000	1.0000	0.0994	1.0000	0.4715
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2959	0.0782	0.2588	0.2004	0.5719
krvskp	0.9592	0.0408	0.9593	0.9184	0.2285
la1s-wc	0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0230	0.6958	0.7213	0.0685
led24	0.6000	0.0889	0.5179	0.5429	0.2035
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7975	0.0156	0.7968	0.7893	0.2064
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.7778	0.0296	0.7967	0.7614	0.1047
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8113	0.0377	0.5389	0.7366	0.1623
lung	0.7619	0.0952	0.3115	0.4928	0.1285
lung_discrete	0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.5714	0.2857	0.2424	0.0000	0.3175
lymphoma2	0.5556	0.1481	0.2326	0.2941	0.2247
machine-failure	0.5851	0.4149	0.3691	0.0000	0.5062
madelon	0.6192	0.3808	0.6195	0.2385	0.9096
magic04	0.7785	0.2215	0.7488	0.4906	0.7103
malware	0.8108	0.1892	0.4478	0.0000	0.3405
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6535	0.2310	0.6575	0.4639	0.5001
math	0.4250	0.2875	0.1491	0.0000	0.3351
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6870	0.3130	0.6892	0.3746	0.8260
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.8558	0.7741	0.1717
meter-D	0.6667	0.1667	0.6250	0.5200	0.1792
mfeat-fac	0.9700	0.0060	0.9705	0.9667	0.0378
mfeat-fou	0.8350	0.0330	0.8368	0.8167	0.1570
mfeat-kar	0.9600	0.0080	0.9608	0.9556	0.0505

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-mor	0.6700	0.0660	0.6367	0.6333	0.2060
mfeat-pix	0.8800	0.0240	0.8945	0.8667	0.0753
mfeat-zer	0.7500	0.0500	0.7552	0.7222	0.1844
mice-prot	0.2778	0.1806	0.1098	0.1613	0.2841
milk	0.4057	0.3962	0.1924	0.0000	0.3990
mines	0.5294	0.1882	0.4634	0.4106	0.3982
mobile	0.8671	0.0047	0.8749	0.8647	0.0595
monks-1	0.6182	0.3818	0.6203	0.2326	0.8914
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9015	0.0985	0.7911	0.5657	0.5139
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.8048	0.1952	0.7997	0.5993	0.6616
MUT_ci300400a_cdk_ECFP6	0.7737	0.2263	0.7673	0.5346	0.7175
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.7818	0.2182	0.7748	0.5494	0.7035
MUT_ci300400a_cdk_FCFP6	0.7734	0.2266	0.7691	0.5376	0.7156
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.7389	0.2611	0.7288	0.4563	0.7714
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9441	0.0559	0.9444	0.8882	0.2838
NCI60	0.5000	0.1667	0.4375	0.4000	0.1756
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.8651	0.0142	0.1415	0.5687	0.1470
ncRNA10%	0.8654	0.0142	0.1810	0.5699	0.1527
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6405	0.3595	0.6374	0.2734	0.8890
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9260	0.0740	0.9086	0.8171	0.3864
NPHA-doctor-visits	0.5000	0.3333	0.3046	-0.0165	0.5418
nursery	0.6628	0.1686	0.4276	0.4962	0.1594
obesity	0.1659	0.2383	0.0406	0.0000	0.3993
obs	0.8056	0.0972	0.8393	0.7012	0.2339
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9872	0.0064	0.9606	0.9610	0.0603
oh0-wc	0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.9298	0.0156	0.9293	0.9129	0.0693
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9123	0.0877	0.6612	0.0194	0.2041
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6573	0.2258	0.4618
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9762	0.0095	0.9294	0.8600	0.0999
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.8531	0.1469	0.8099	0.6126	0.5758
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5309	0.4691	0.3468	-0.1010	0.8613
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.8553	0.1447	0.7944	0.5769	0.5763
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.9727	0.0055	0.9731	0.9696	0.0444
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9510	0.0490	0.9485	0.8965	0.2569
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.6493	0.1002	0.6299	0.5894	0.3309
phone-acc1%	0.6679	0.0949	0.6484	0.6110	0.3230
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%	0.6856	0.0898	0.6550	0.6315	0.2921
phone-gyr1%	0.6871	0.0894	0.6583	0.6334	0.3012
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7667	0.2333	0.7009	0.3993	0.7671
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9876	0.0083	0.9772	0.9607	0.0812
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.4737	0.5263	0.3214	0.0000	0.5305
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.5683	0.0325	0.3073
polish-4th	0.0704	0.9296	0.5002	0.0000	0.1494
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7643	0.2357	0.7356	0.4658	0.7372
popularity	0.6603	0.2265	0.4560	0.1936	0.4850
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.3931	0.2428	0.2826	0.2380	0.3160
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6954	0.3824	0.8104
prestige	0.4444	0.3704	0.2051	0.0000	0.3901
primary-tumor	0.1515	0.1305	0.0582	0.0714	0.3556
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8507	0.1493	0.8308	0.6616	0.5882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.8291	0.0683	0.7591	0.7694	0.2788
puc-rio10%	0.8334	0.0666	0.7616	0.7754	0.2689
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%	0.4972	0.5028	0.4972	-0.0057	1.0000
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6212	0.3788	0.5927	0.1789	0.9083
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8569	0.0477	0.8233	0.8228	0.2007
satimageF	0.9844	0.0156	0.9589	0.9167	0.1403
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6765	0.3235	0.6768	0.3529	0.8487
sclerosis	0.5556	0.4444	0.3571	0.0000	0.5164
secom	0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom	0.8423	0.1577	0.8407	0.6812	0.5808
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9512	0.9342	0.0656
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	1.0000	1.0000	0.2405	1.0000	0.4931
sens-7-gram	0.0000	1.0000	0.0000	1.0000	0.0000
sens-8-gram	0.0000	1.0000	0.0000	1.0000	1.0000
sensorless	0.8477	0.0277	0.8484	0.8325	0.1290
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8840	0.1160	0.7396	0.4220	0.4942
shuttle	0.9634	0.0104	0.8834	0.8942	0.0861
sick	0.9602	0.0398	0.8148	0.5962	0.3249
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9189	0.0811	0.8780	0.7558	0.4664
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.1324	0.0913	0.0123	0.0000	0.3690
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9087	0.0913	0.9043	0.8058	0.3907
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer	0.7115	0.0214	0.6041	0.6950	0.1030
splice-EI	0.9558	0.0442	0.9453	0.8876	0.3038
splice-IE	0.9054	0.0946	0.8690	0.7380	0.4875
sport-articles	0.8500	0.1500	0.8366	0.6690	0.5577
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.7554	0.1631	0.7077	0.6047	0.4731
steel-b	0.8000	0.2000	0.6492	0.2744	0.7315
steel-d	0.9744	0.0256	0.7350	0.4328	0.4212
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.7333	0.2667	0.6886	0.3358	0.7187
steel-p	0.9282	0.0718	0.7091	0.3829	0.5270
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9590	0.0410	0.8893	0.7772	0.4339
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.3304	0.4464	0.1656	0.0000	0.4171
streaming	0.5520	0.4480	0.3557	0.0000	0.5174
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4462	0.2215	0.3086	0.2062	0.5320
student-workday	0.7344	0.1062	0.2580	0.2365	0.2784
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7822	0.2178	0.7822	0.5544	0.6692
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6690
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.9873	0.0023	0.9878	0.9860	0.0183
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.8824	0.0588	0.8875	0.8426	0.1448
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.8000	0.1000	0.8008	0.7333	0.2036
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8657	0.0299	0.8848	0.8429	0.1091
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7024	0.1488	0.6585	0.5980	0.3157
vehicleVAN	0.9524	0.0476	0.9363	0.8644	0.1545
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.5758	0.0771	0.5896	0.5333	0.2219
vowelZ	0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.8462	0.0308	0.7742	0.8267	0.0382
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.6298	0.1058	0.6193	0.5662	0.4186
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.6376	0.1036	0.6339	0.5765	0.3849
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8620	0.0920	0.8624	0.7930	0.3302
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.7926	0.1383	0.6009	0.6199	0.4977
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.1667	0.8333	0.1429	-0.6667	0.9586
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9731	0.0269	0.8382	0.6534	0.2957
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5535	0.1488	0.2549	0.2718	0.4279
winequality-white	0.5194	0.1373	0.2397	0.2221	0.4529
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.9782	0.0062	0.9809	0.9724	0.0445
wisc_bc	0.6316	0.3684	0.3871	0.0000	0.4848
yale	0.7500	0.0333	0.7318	0.7322	0.0609
yeast	0.4392	0.1246	0.1772	0.2522	0.3821
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.8753	0.0249	0.8630	0.8601	0.1570

Table 404: Detailed results for PLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1422	0.0817	0.0480	0.0517	0.4506
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9360	0.0640	0.8578	0.6718	0.1723
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8920	0.1080	0.8462	0.6804	0.4566
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7429	0.1029	0.4706	0.2567	0.2003
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8326	0.1674	0.8158	0.6315	0.6194
anneal	0.9438	0.0225	0.7520	0.8826	0.1411
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8901	0.0549	0.5839	0.7828	0.1792
anuran-genus	0.8164	0.0459	0.2978	0.6777	0.1668
anuran-species	0.8028	0.0394	0.4999	0.7137	0.1342
anxiety	0.1000	0.2000	0.0966	-0.0136	0.8287
apple-quality	0.8875	0.1125	0.8876	0.7750	0.4659
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia	0.6889	0.0479	0.3003	0.4247	0.1744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9118	0.0882	0.7706	0.4619	0.3470
audiology	0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9310	0.0690	0.9354	0.8626	0.2605
autos	0.6000	0.1333	0.3999	0.4502	0.2816
avila	0.4130	0.0978	0.1541	0.0065	0.3066
babies	0.3952	0.1728	0.1520	0.1001	0.7034
balance	0.9032	0.0645	0.6228	0.8178	0.1771
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.9217	0.0783	0.9148	0.8260	0.3435
basehock	0.7186	0.2814	0.7665	0.4388	0.4809
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9938	0.0062	0.7876	0.5236	0.2471
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.7407	0.7800	0.0723
bridges	0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8563	0.0718	0.4290	0.6888	0.2031
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7746	0.0451	0.7364	0.7255	0.2158
cardiotocography-nsp	0.8967	0.0689	0.8032	0.6951	0.2822
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9975	0.0017	0.9974	0.9962	0.0099
cars	0.7250	0.1833	0.5868	0.4660	0.5609
cas_N6512_cdk_ECFP2	0.4624	0.5376	0.5948	0.0026	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.5706	0.4294	0.6153	0.0761	0.5776
cas_N6512_rdkit_AVALON	0.6528	0.3472	0.7052	0.3331	0.6582
cas_N6512_RDkit_Avalon_FP	0.6963	0.3037	0.7276	0.4094	0.6943
cas_N6512_rdkit_descriptors	0.7169	0.2831	0.7347	0.4094	0.6398
cas_N6512_rdkit_FEATMORGAN	0.5161	0.4839	0.6333	0.0953	0.5296
cas_N6512_RDkit_Featmorgan_FP	0.7163	0.2837	0.7274	0.4402	0.7572
cas_N6512_RDkit_FP	0.7331	0.2669	0.7307	0.4600	0.7743
cas_N6512_rdkit_LAYERED	0.6600	0.3400	0.7005	0.3430	0.7056
cas_N6512_RDkit_Layered_FP	0.6350	0.3650	0.6952	0.3010	0.6445
cas_N6512_rdkit_MACCS	0.5115	0.4885	0.6153	0.0861	0.5837
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.5523	0.4477	0.6182	0.0322	0.5191
cas_N6512_RDkit_morgan_FP	0.5629	0.4371	0.6274	0.0570	0.5175
cas_N6512_rdkit_PATTERN	0.7108	0.2892	0.7222	0.3986	0.6917
cas_N6512_RDkit_pattern_FP	0.6933	0.3067	0.7162	0.3567	0.6359
cas_N6512_rdkit_RDKITFP	0.6498	0.3502	0.6898	0.2579	0.5775
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.0183	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7306	0.2694	0.7439	0.4636	0.7144
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8727	0.1273	0.7037	0.2007	0.2671
ci900367j_MACCS	0.6842	0.3158	0.6572	0.2192	0.6561
circles	0.3210	0.0136	0.3177	0.3141	0.1769
cirrhosis	0.6429	0.2381	0.4235	0.2742	0.4795
cjs	0.9214	0.0262	0.9017	0.9035	0.0875
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7694	0.1153	0.4282	0.6166	0.2365
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5034	0.3311	0.4887	0.2051	0.7144
cnae-9	0.8704	0.0288	0.8804	0.8542	0.1177
codon_usage	0.5549	0.0809	0.2508	0.4382	0.2601
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.5200	0.0640	0.3864	0.4595	0.2007
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.7931	0.2069	0.7797	0.4663	0.3920
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7419	0.1720	0.6525	0.5739	0.3295
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7644	0.2356	0.7645	0.5289	0.7266
coupon	0.6262	0.3738	0.6291	0.1602	0.6801

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9986	0.0014	0.7498	0.3329	0.0074
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.4688	0.0266	0.3201	0.4522	0.0923
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1367	0.2878	0.0898	-0.0434	0.6461
cyclopentane	0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands	0.7037	0.2963	0.7303	0.3344	0.4688
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7800	0.2200	0.6015	0.0104	0.3976
defect	0.8951	0.1049	0.7816	0.5388	0.5087
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.5000	0.0000	0.6840
df_final	0.5625	0.2917	0.4290	0.3000	0.5195
DIA	0.8167	0.1833	0.7441	0.3529	0.3484
diabetes	0.9038	0.0962	0.9041	0.8024	0.4159
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.7045	0.8347	0.0910
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7607	0.1595	0.6907	0.6022	0.4935
drug-01	0.3989	0.1717	0.1483	0.0085	0.3749
drug-02	0.5160	0.1383	0.2340	0.1466	0.4719
drug-03	0.6968	0.0866	0.1494	0.0635	0.2046
drug-04	0.5213	0.1368	0.2311	0.1232	0.6567
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.4096	0.1687	0.2618	0.2580	0.6131
drug-07	0.4096	0.1687	0.1266	0.0081	0.3720
drug-08	0.5585	0.1261	0.1729	0.1325	0.4017

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.2147	0.1410	0.4788
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6064	0.1125	0.2892	0.2055	0.4551
drug-14	0.5691	0.1231	0.1960	0.2070	0.6063
drug-15	0.7553	0.0699	0.1640	0.0230	0.3337
drug-16	0.5691	0.1231	0.2581	0.1902	0.3897
drug-17	0.3191	0.1945	0.1566	0.0751	0.7108
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0053	0.2842
drybean	0.5974	0.1150	0.6714	0.4900	0.2518
ecoli	0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.2286	-0.0160	0.8282
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6636	0.3364	0.6786	0.2782	0.6797
eeg10%	0.1387	0.1077	0.0487	0.0008	0.4093
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5616	0.1753	0.4408	0.4091	0.3480
euthyroid	0.9209	0.0791	0.7275	0.3321	0.3228
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.4731	0.5269	0.3212	0.0000	0.5305
fakenews	0.4950	0.5050	0.3311	0.0000	0.5289
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.7033	0.0349	0.5183	0.6576	0.1838
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6275	0.3725	0.6190	0.2204	0.8673
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.5758	0.1414	0.5910	0.4844	0.3715
gastrointestinal	0.6875	0.2083	0.5133	0.4737	0.3707
gender	0.5579	0.2947	0.3719	0.1340	0.5306
gene	0.9369	0.0421	0.9296	0.8991	0.2030
german	0.6800	0.3200	0.6295	0.1233	0.5918
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9366	0.0634	0.9366	0.8732	0.3155
gisette	0.9571	0.0429	0.9571	0.9143	0.2375
glass	0.8095	0.0635	0.7265	0.7246	0.1432
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.4656	0.2453	0.4479
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7358	0.0755	0.3630	0.5647	0.1479
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.5204	0.0799	0.1894	0.1758	0.2494
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9300	0.0700	0.9184	0.8367	0.3631
heart-quantum	0.9600	0.0400	0.9583	0.9167	0.2315
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6009	0.3991	0.6250	0.2215	0.8405
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1529	0.0314	0.3562
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6389	0.2407	0.4353	0.3158	0.4416
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9514	0.0486	0.8374	0.6193	0.1686
hypothyroid	0.8674	0.0663	0.4074	0.2784	0.4606
hypothyroidT	0.8090	0.1910	0.6337	0.2213	0.5768
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8254	0.0134	0.8414	0.8184	0.1253
jm1	0.8108	0.1892	0.6143	0.0592	0.4422
jvowels	0.6667	0.0741	0.6726	0.6153	0.2129
kc1	0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007	0.3815	0.1767	0.4938	0.2736	0.4232
kddcup981%	0.9053	0.0947	0.4751	-0.0491	0.6630
kddcup9810%	0.0513	0.9487	0.0488	0.0000	0.1337

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup991%	0.5877	0.0634	0.4020	0.0616	0.1688
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2089	0.0879	0.0779	0.0621	0.3827
krvskp	0.9404	0.0596	0.9403	0.8806	0.3019
la1s-wc	0.6667	0.1111	0.5801	0.5591	0.3301
la2s-wc	0.6556	0.1148	0.5675	0.5362	0.2987
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0256	0.6129	0.6901	0.0811
led24	0.6500	0.0700	0.5582	0.6011	0.1452
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.5675	0.0333	0.6261	0.5507	0.2829
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.9167	0.0111	0.9277	0.9106	0.0365
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.8235	0.1765	0.7984	0.5968	0.6488
loan	0.9578	0.0422	0.9554	0.9107	0.2477
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8491	0.0302	0.4419	0.7891	0.0969
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5231	0.4769	0.5249	0.0462	0.9584
magic04	0.6949	0.3051	0.6747	0.1652	0.4680
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8640	0.7277	0.5259
marketing	0.8795	0.1205	0.7251	0.2748	0.2588
maternal	0.6436	0.2376	0.6438	0.4502	0.5228
math	0.7500	0.1250	0.5642	0.5881	0.2580
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2533	0.2987	0.2463	0.0628	0.7875
messidor	0.6783	0.3217	0.6771	0.3529	0.8440
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.7938	0.6154	0.2607
meter-D	0.6667	0.1667	0.5489	0.5284	0.2968
mfeat-fac	0.9950	0.0010	0.9951	0.9944	0.0063
mfeat-fou	0.8050	0.0390	0.8035	0.7833	0.1446
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7450	0.0510	0.7461	0.7167	0.1811
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8250	0.0350	0.8214	0.8056	0.0784
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
milk	0.9434	0.0377	0.9337	0.9131	0.1271
mines	0.4412	0.2235	0.3521	0.2917	0.4379
mobile	0.7238	0.0099	0.7307	0.7187	0.1114
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.7213	0.2787	0.6707	0.2763	0.6906
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8844	0.1156	0.8928	0.7667	0.3620
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.8561	0.1439	0.6780	0.1108	0.2881
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.7317	0.2683	0.7347	0.4632	0.7609
MUT_ci300400a_cdk_ECFP6	0.6934	0.3066	0.6907	0.3127	0.6793
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.6439	0.3561	0.6565	0.1714	0.5777
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.7470	0.2530	0.7478	0.4912	0.7447
MUT_ci300400a_cdk_MACCS	0.6475	0.3525	0.6770	0.3237	0.7880
MUT_ci300400a_cdk_PUBCHEM	0.6335	0.3665	0.6517	0.1404	0.5462
MUT_ci300400a_cdk_STANDARD	0.6778	0.3222	0.6971	0.2572	0.5265
MUT_ci300400a_rdkit_descriptors	0.7932	0.2068	0.7869	0.5702	0.6717
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8162	0.0193	0.1094	0.3031	0.1331
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0105	0.0450	0.0005	0.0000	0.4162
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9604	0.0396	0.9230	0.8426	0.2559
nomao	0.8076	0.1924	0.7473	0.4434	0.5762
NPHA-doctor-visits	0.5139	0.3241	0.3309	0.0183	0.5343
nursery	0.6628	0.1686	0.4225	0.4961	0.1801
obesity	0.7014	0.0853	0.7207	0.6513	0.2462
obs	0.8333	0.0833	0.8653	0.7495	0.2497
occupancy	0.9621	0.0379	0.9458	0.8905	0.2314
Occupancy_Estimation	0.8806	0.0597	0.5621	0.5177	0.1606
oh0-wc	0.8119	0.0376	0.7936	0.7831	0.1573
oh10-wc	0.6857	0.0629	0.6374	0.6407	0.2429
oh15-wc	0.7065	0.0587	0.6636	0.6603	0.2132
oh5-wc	0.8242	0.0352	0.8322	0.8004	0.1501
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9342	0.0132	0.9371	0.9268	0.0834
optdigitsZ	0.9947	0.0053	0.9834	0.9662	0.0246
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.7933	0.5812	0.6353
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9122	0.0351	0.5201	0.1883	0.1678
parkinson	0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons	0.7820	0.2180	0.7867	0.5605	0.6682
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.7208	0.2792	0.6346	0.0079	0.4261
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia	0.6176	0.1092	0.5566	0.5347	0.3564
pendigits	0.8499	0.0300	0.8611	0.8330	0.1540
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7784	0.2216	0.7583	0.4952	0.6645
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9150	0.0850	0.9027	0.8040	0.3947
phishing	0.9347	0.0653	0.9322	0.8640	0.3336
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.2841	0.2046	0.2659	0.1423	0.3880
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1773	0.2351	0.1476	0.0174	0.4120
phone-gyr1%	0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7926	0.2074	0.7661	0.5250	0.6960
phy	0.6818	0.3182	0.6819	0.3634	0.8432
pima	0.6842	0.3158	0.6575	0.2716	0.7650
pirvision	0.8347	0.1102	0.4938	0.1616	0.1909
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.8947	0.1053	0.9045	0.7912	0.3322
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4234	0.1647	0.0850	0.0000	0.2041
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
polya	0.7849	0.2151	0.7613	0.5207	0.7077
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6089	0.2059	0.8920
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.3333	0.1026	0.2235	0.2366	0.3157
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.6470	0.1412	0.5809	0.5049	0.3008
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4950	0.5050	0.4946	-0.0096	0.9651
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.7533	0.0379	0.5798	0.6564	0.1808
re1-wc	0.6807	0.0255	0.3454	0.6223	0.1863
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6081	0.3919	0.5740	0.0607	0.6751
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.7403	0.0866	0.5731	0.6688	0.2007
satimageF	0.9705	0.0295	0.9202	0.8271	0.0968
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9265	0.9038	0.0873
segmentation	0.8465	0.1535	0.8388	0.6746	0.5815
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-2-gram	0.8684	0.1316	0.6184	0.1710	0.5974
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8467	0.1533	0.6509	0.0089	0.2982
shuttle	0.8564	0.0410	0.5466	0.4594	0.2104
sick	0.8966	0.1034	0.6694	0.3271	0.6348
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7925	0.2075	0.5912	0.1093	0.6457
smarket	0.8720	0.1280	0.8811	0.7425	0.4051
smart-farming	0.2000	0.4000	0.1717	-0.0787	0.8270
smk_can_187	0.6842	0.3158	0.6960	0.3523	0.7434
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2000	0.3200	0.2660	-0.0057	0.6799
solar-flare	0.7626	0.0791	0.6088	0.6947	0.1783
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9559	0.0046	0.9202	0.9515	0.0186
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9087	0.0913	0.9055	0.8105	0.4172
spect	0.7778	0.2222	0.4375	0.0000	0.3750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.4615	0.0399	0.3762	0.4234	0.1812
splice-EI	0.9716	0.0284	0.9626	0.9251	0.2138
splice-IE	0.9243	0.0757	0.8943	0.7885	0.4185
sport-articles	0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.6127	0.2582	0.5481	0.2843	0.4914
steel-b	0.8564	0.1436	0.7730	0.5431	0.6314
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8051	0.1949	0.7792	0.5526	0.6617
steel-p	0.9128	0.0872	0.5721	0.0815	0.5290
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8681	0.1319	0.7467	0.4016	0.4178
stockb	0.9648	0.0235	0.9651	0.9471	0.0883
streaming	0.9060	0.0940	0.9049	0.8097	0.4159
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3900	0.2440	0.2349	0.0363	0.5112
student-weekend	0.4462	0.2215	0.3501	0.1997	0.5034
student-workday	0.7188	0.1125	0.2655	0.0777	0.2017
studentap	0.3846	0.4103	0.1961	0.0000	0.4440
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.6852	0.3148	0.7063	0.3357	0.6484
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5755	0.3000	0.5012
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.8091	0.0347	0.8368	0.7898	0.1614
theorem	0.9935	0.0065	0.9933	0.9865	0.0418
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7910	0.2090	0.6843	0.2340	0.4975
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7600	0.2400	0.5835	0.1036	0.6895
trec11-wc	0.8049	0.0434	0.6162	0.7550	0.1355
trec12-wc	0.8387	0.0403	0.8614	0.8010	0.1006
trec21-wc	0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc	0.7143	0.0952	0.5502	0.5685	0.2587
trec31-wc	0.7849	0.0717	0.6722	0.6966	0.2106
trec41-wc	0.7159	0.0568	0.5454	0.6461	0.2011
trec45-wc	0.7391	0.0522	0.6452	0.6923	0.1716
tuandromd	0.9664	0.0336	0.9513	0.9002	0.2880

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
turkish	0.8500	0.0750	0.8484	0.8000	0.1834
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%	0.8018	0.1981	0.7878	0.5318	0.5436
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8060	0.0431	0.8256	0.7719	0.1308
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.8095	0.0952	0.7673	0.7410	0.2276
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6061	0.0716	0.6569	0.5667	0.1817
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7885	0.0212	0.5019	0.7629	0.1262
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.2804	0.2056	0.1210	0.1366	0.4238
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.3172	0.1951	0.2840	0.1935	0.4787
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2567	0.3717	0.2528	0.0095	0.8530
waveform	0.8280	0.1147	0.8282	0.7419	0.3881
weather-related	0.3577	0.1168	0.1354	0.2137	0.3108
web-phishing	0.8444	0.1037	0.6797	0.7106	0.3573
Weekly	0.9537	0.0463	0.9533	0.9064	0.2542
weight-lift	0.2948	0.2821	0.3217	0.0167	0.3994
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6101	0.1300	0.2886	0.3574	0.3674
winequality-white	0.5215	0.1367	0.2193	0.2638	0.4164
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.8101	0.0543	0.6165	0.7530	0.1177
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5135	0.0973	0.3252	0.3699	0.4104
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.3946	0.1211	0.4559	0.2977	0.3333

Table 405: Detailed results for PLSVC(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1566	0.0803	0.0939	0.0582	0.4819
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9360	0.0640	0.8578	0.6718	0.1723
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8920	0.1080	0.8462	0.6804	0.4566
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7048	0.1181	0.2602	0.0466	0.2157
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8326	0.1674	0.8158	0.6315	0.6194
anneal	0.9213	0.0315	0.7196	0.8332	0.1542
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9402	0.0299	0.7070	0.8842	0.1408
anuran-genus	0.9221	0.0195	0.6953	0.8663	0.0980
anuran-species	0.8792	0.0242	0.9203	0.8405	0.0983
anxiety	0.1000	0.2000	0.1211	-0.0149	0.7902
apple-quality	0.8875	0.1125	0.8876	0.7750	0.4659
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7500	0.2500	0.7667	0.5098	0.6824

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.6444	0.0547	0.2650	0.3023	0.1925
auction	0.9118	0.0882	0.7706	0.4619	0.3470
audiology	0.9091	0.0165	0.8707	0.8919	0.0425
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9310	0.0690	0.9354	0.8626	0.2605
autos	0.6000	0.1333	0.3857	0.4366	0.2491
avila	0.4145	0.0976	0.1773	0.0098	0.3057
babies	0.4597	0.1544	0.1521	0.1477	0.4673
balance	0.8871	0.0753	0.6113	0.7879	0.2115
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.9217	0.0783	0.9148	0.8260	0.3435
basehock	0.7186	0.2814	0.7665	0.4388	0.4809
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9938	0.0062	0.7876	0.5236	0.2471
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.7000	0.0857	0.3640	0.5161	0.1378
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8391	0.0805	0.4272	0.6652	0.2166
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7840	0.0432	0.6480	0.7368	0.1981
cardiotocography-nsp	0.8967	0.0689	0.8094	0.6865	0.2602
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.6896	0.5914	0.4872
cas_N6512_cdk_ECFP2	0.4624	0.5376	0.5948	0.0026	0.5307
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5706	0.4294	0.6153	0.0761	0.5776
cas_N6512_rdkit_AVALON	0.6528	0.3472	0.7052	0.3331	0.6582
cas_N6512_RDkit_Avalon_FP	0.6963	0.3037	0.7276	0.4094	0.6943
cas_N6512_rdkit_descriptors	0.7169	0.2831	0.7347	0.4094	0.6398
cas_N6512_rdkit_FEATMORGAN	0.5161	0.4839	0.6333	0.0953	0.5296
cas_N6512_RDkit_Featmorgan_FP	0.7163	0.2837	0.7274	0.4402	0.7572
cas_N6512_RDkit_FP	0.7331	0.2669	0.7307	0.4600	0.7743
cas_N6512_rdkit_LAYERED	0.6600	0.3400	0.7005	0.3430	0.7056
cas_N6512_RDkit_Layered_FP	0.6350	0.3650	0.6952	0.3010	0.6445
cas_N6512_rdkit_MACCS	0.5115	0.4885	0.6153	0.0861	0.5837

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5523	0.4477	0.6182	0.0322	0.5191
cas_N6512_RDkit_morgan_FP	0.5629	0.4371	0.6274	0.0570	0.5175
cas_N6512_rdkit_PATTERN	0.7108	0.2892	0.7222	0.3986	0.6917
cas_N6512_RDkit_pattern_FP	0.6933	0.3067	0.7162	0.3567	0.6359
cas_N6512_rdkit_RDKITFP	0.6498	0.3502	0.6898	0.2579	0.5775
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7306	0.2694	0.7439	0.4636	0.7144
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8727	0.1273	0.7037	0.2007	0.2671
ci900367j_MACCS	0.6842	0.3158	0.6572	0.2192	0.6561
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6667	0.2222	0.4397	0.3163	0.4597
cjs	0.9786	0.0071	0.9754	0.9739	0.0426
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7833	0.1083	0.5638	0.6660	0.2968
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5170	0.3220	0.4852	0.2303	0.7261
cnae-9	0.7685	0.0514	0.8043	0.7396	0.1940
codon_usage	0.9171	0.0151	0.7561	0.8990	0.1217
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.5800	0.0560	0.3730	0.5270	0.1699
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.7931	0.2069	0.7797	0.4663	0.3920
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7644	0.2356	0.7645	0.5289	0.7266

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
coupon	0.6262	0.3738	0.6291	0.1602	0.6801
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9986	0.0014	0.7498	0.3329	0.0074
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.2812	0.0359	0.1859	0.2618	0.1144
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1933	0.2689	0.1948	0.0249	0.7904
cyclopentane	0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands	0.7037	0.2963	0.7303	0.3344	0.4688
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7800	0.2200	0.6015	0.0104	0.3976
defect	0.8951	0.1049	0.7816	0.5388	0.5087
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.5000	0.0000	0.6840
df_final	0.6250	0.2500	0.4805	0.4000	0.4520
DIA	0.8167	0.1833	0.7441	0.3529	0.3484
diabetes	0.9038	0.0962	0.9041	0.8024	0.4159
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7698	0.1535	0.6912	0.6100	0.4531
drug-01	0.3936	0.1733	0.1221	0.0113	0.3857
drug-02	0.5053	0.1413	0.1254	0.0171	0.4072
drug-03	0.6915	0.0881	0.1172	0.0096	0.1975
drug-04	0.5266	0.1353	0.1402	0.0711	0.4165
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.4202	0.1657	0.2609	0.2563	0.4684
drug-07	0.4521	0.1565	0.1395	0.0698	0.3559

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-08	0.5904	0.1170	0.2179	0.1608	0.2826
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5372	0.1322	0.1475	0.0968	0.3875
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5904	0.1170	0.1600	0.1943	0.3997
drug-14	0.5904	0.1170	0.2421	0.2228	0.4081
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5745	0.1216	0.2563	0.2626	0.4195
drug-17	0.3670	0.1809	0.1329	0.1140	0.4586
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0053	0.2842
drybean	0.9008	0.0283	0.9188	0.8793	0.1317
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.1900	0.4050	0.1862	-0.0803	0.8900
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.6636	0.3364	0.6781	0.2784	0.6825
eeg10%	0.3976	0.0753	0.3733	0.3256	0.5094
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6164	0.1534	0.5937	0.4966	0.3921
euthyroid	0.9209	0.0791	0.7275	0.3321	0.3228
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.4731	0.5269	0.3212	0.0000	0.5305
fakenews	0.4950	0.5050	0.3311	0.0000	0.5289
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.5691	0.0507	0.2911	0.4824	0.2267
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6275	0.3725	0.6190	0.2204	0.8673
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.9180	0.0273	0.9218	0.9012	0.1353
gastrointestinal	0.7500	0.1667	0.7526	0.5844	0.3057
gender	0.5747	0.2835	0.2708	-0.0240	0.4144
gene	0.9274	0.0484	0.9214	0.8847	0.2177
german	0.6800	0.3200	0.6295	0.1233	0.5918
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.9366	0.0634	0.9366	0.8732	0.3155
gisette	0.9571	0.0429	0.9571	0.9143	0.2375
glass	0.7619	0.0794	0.5540	0.6477	0.1753
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.2651	0.0683	0.5039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.9543	0.0076	0.8818	0.9460	0.0435
har	0.8206	0.0718	0.8212	0.7726	0.2988
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.7677	0.0664	0.3921	0.6219	0.1395
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth	0.4492	0.0918	0.0517	0.0000	0.2692
harth1%	0.5221	0.0797	0.1922	0.1793	0.2501
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9300	0.0700	0.9184	0.8367	0.3631
heart-quantum	0.9600	0.0400	0.9583	0.9167	0.2315
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6009	0.3991	0.6250	0.2215	0.8405
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.0577	0.0191	0.3180
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.4162	0.2455	0.4626
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.5717	0.2855	0.5951	0.3649	0.5922
htru2	0.9514	0.0486	0.8374	0.6193	0.1686
hypothyroid	0.8939	0.0530	0.4307	0.2559	0.2852
hypothyroidT	0.8090	0.1910	0.6337	0.2213	0.5768
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9525	0.0037	0.9534	0.9506	0.0447
jm1	0.8108	0.1892	0.6143	0.0592	0.4422
jvowels	0.9910	0.0020	0.9904	0.9898	0.0169
kc1	0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007	0.1446	0.2444	0.0361	0.0000	0.4030
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup981%	0.6526	0.3474	0.5734	0.0684	0.3459
kddcup9810%	0.8503	0.1497	0.4973	-0.0047	0.5396
kddcup991%	0.5877	0.0634	0.4020	0.0616	0.1688
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.4841	0.0573	0.3845	0.4206	0.4272
krvskp	0.9404	0.0596	0.9403	0.8806	0.3019
la1s-wc	0.5714	0.1429	0.5178	0.4539	0.4273
la2s-wc	0.5894	0.1369	0.5125	0.4400	0.3348
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6471	0.0307	0.6399	0.6301	0.0839
led24	0.6500	0.0700	0.6432	0.6089	0.1646
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9465	0.0041	0.9467	0.9443	0.0584
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8333	0.0222	0.8250	0.8207	0.0757
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.8235	0.1765	0.7984	0.5968	0.6488
loan	0.9578	0.0422	0.9554	0.9107	0.2477
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.4424	0.1014	0.2070	0.2325	0.3748
lrs	0.8679	0.0264	0.4478	0.8162	0.0771
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5231	0.4769	0.5249	0.0462	0.9584
magic04	0.6949	0.3051	0.6747	0.1652	0.4680
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8640	0.7277	0.5259
marketing	0.8795	0.1205	0.7251	0.2748	0.2588
maternal	0.6337	0.2442	0.6335	0.4360	0.5475
math	0.7500	0.1250	0.5901	0.5935	0.2679
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2267	0.3093	0.2258	0.0302	0.8266
messidor	0.6783	0.3217	0.6771	0.3529	0.8440
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.7541	0.4684	0.2448
meter-D	0.6111	0.1944	0.4983	0.4350	0.3043
mfeat-fac	0.9950	0.0010	0.9951	0.9944	0.0063
mfeat-fou	0.8250	0.0350	0.8280	0.8056	0.1343
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7300	0.0540	0.7321	0.7000	0.1877
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-zer	0.8300	0.0340	0.8317	0.8111	0.0833
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9340	0.0440	0.9259	0.8987	0.1587
mines	0.5000	0.2000	0.4451	0.3745	0.3873
mobile	0.8741	0.0045	0.8810	0.8718	0.0580
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.7213	0.2787	0.6707	0.2763	0.6906
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8844	0.1156	0.8928	0.7667	0.3620
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.8561	0.1439	0.6780	0.1108	0.2881
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.7317	0.2683	0.7347	0.4632	0.7609
MUT_ci300400a_cdk_ECFP6	0.6934	0.3066	0.6907	0.3127	0.6793
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.6439	0.3561	0.6565	0.1714	0.5777
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.7470	0.2530	0.7478	0.4912	0.7447
MUT_ci300400a_cdk_MACCS	0.6475	0.3525	0.6770	0.3237	0.7880
MUT_ci300400a_cdk_PUBCHEM	0.6335	0.3665	0.6517	0.1404	0.5462
MUT_ci300400a_cdk_STANDARD	0.6778	0.3222	0.6971	0.2572	0.5265
MUT_ci300400a_rdkit_descriptors	0.7932	0.2068	0.7869	0.5702	0.6717
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8162	0.0193	0.1324	0.2748	0.1761
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.9604	0.0396	0.9230	0.8426	0.2559
nomao	0.8076	0.1924	0.7473	0.4434	0.5762
NPHA-doctor-visits	0.5000	0.3333	0.3046	-0.0165	0.5418
nursery	0.8295	0.0853	0.6319	0.7470	0.1986
obesity	0.8957	0.0298	0.8941	0.8783	0.1302
obs	0.8426	0.0787	0.8748	0.7606	0.2102
occupancy	0.9621	0.0379	0.9458	0.8905	0.2314
Occupancy_Estimation	0.8865	0.0568	0.5880	0.5416	0.1530
oh0-wc	0.3564	0.1287	0.2450	0.2133	0.3392
oh10-wc	0.3905	0.1219	0.2662	0.2764	0.3464
oh15-wc	0.3370	0.1326	0.1034	0.1974	0.3263
oh5-wc	0.3297	0.1341	0.2242	0.2022	0.3410
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9804	0.0039	0.9824	0.9782	0.0256
optdigitsZ	0.9947	0.0053	0.9834	0.9662	0.0246
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.7933	0.5812	0.6353
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9122	0.0351	0.5142	0.2001	0.1669
parkinson	0.9583	0.0417	0.9571	0.9140	0.2399
parkinsons	0.7820	0.2180	0.7867	0.5605	0.6682
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7208	0.2792	0.6346	0.0079	0.4261
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia	0.6176	0.1092	0.5506	0.5268	0.3455
pendigits	0.9909	0.0018	0.9910	0.9899	0.0174
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7784	0.2216	0.7583	0.4952	0.6645
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.9150	0.0850	0.9027	0.8040	0.3947
phishing	0.9347	0.0653	0.9322	0.8640	0.3336
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.7029	0.0849	0.7118	0.6521	0.2382
phone-acc1%	0.4899	0.1457	0.4950	0.3952	0.3696
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.7272	0.0779	0.7287	0.6812	0.2711
phone-gyr1%	0.4566	0.1553	0.4984	0.3539	0.3661
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7926	0.2074	0.7661	0.5250	0.6960
phy	0.6818	0.3182	0.6819	0.3634	0.8432
pima	0.6842	0.3158	0.6575	0.2716	0.7650
pirvision	0.8347	0.1102	0.4938	0.1616	0.1909
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.8947	0.1053	0.9045	0.7912	0.3322
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4185	0.1661	0.1201	-0.0105	0.2339
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th	0.9306	0.0694	0.5966	0.0403	0.2959
polya	0.7849	0.2151	0.7613	0.5207	0.7077
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6089	0.2059	0.8920
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3939	0.0932	0.2661	0.3245	0.2698
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6269	0.2222	0.8255

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.7858	0.0857	0.6991	0.7030	0.2224
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4950	0.5050	0.4946	-0.0096	0.9651
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.5533	0.0687	0.1984	0.3029	0.2740
re1-wc	0.3554	0.0516	0.0745	0.1807	0.3195
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6081	0.3919	0.5740	0.0607	0.6751
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8880	0.0373	0.8719	0.8614	0.1668
satimageF	0.9705	0.0295	0.9202	0.8271	0.0968
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.5714	0.1714	0.4346	0.4474	0.2170
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9264	0.0210	0.9346	0.9139	0.0795
segmentation	0.8465	0.1535	0.8388	0.6746	0.5815
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-2-gram	0.8684	0.1316	0.6184	0.1710	0.5974
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8467	0.1533	0.6509	0.0089	0.2982
shuttle	0.8452	0.0442	0.5064	0.4148	0.2194
sick	0.8966	0.1034	0.6694	0.3271	0.6348
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7925	0.2075	0.5912	0.1093	0.6457
smarket	0.8720	0.1280	0.8811	0.7425	0.4051
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6842	0.3158	0.6960	0.3523	0.7434
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2100	0.3160	0.2113	0.0106	0.8421
solar-flare	0.7410	0.0863	0.5739	0.6662	0.1902
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9087	0.0913	0.9055	0.8105	0.4172

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.6538	0.0256	0.5032	0.6319	0.1182
splice-EI	0.9716	0.0284	0.9626	0.9251	0.2138
splice-IE	0.9243	0.0757	0.8943	0.7885	0.4185
sport-articles	0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.6279	0.2481	0.5793	0.3271	0.4798
steel-b	0.8564	0.1436	0.7730	0.5431	0.6314
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8000	0.2000	0.7736	0.5425	0.6751
steel-p	0.9179	0.0821	0.6063	0.0946	0.4184
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8681	0.1319	0.7467	0.4016	0.4178
stockb	0.9912	0.0059	0.9913	0.9868	0.0273
streaming	0.9060	0.0940	0.9049	0.8097	0.4159
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4700	0.2120	0.2160	0.1566	0.4410
student-weekend	0.4000	0.2400	0.1769	0.0687	0.4209
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.3544	0.1250	0.4353
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.6852	0.3148	0.7063	0.3357	0.6484
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.9909	0.0017	0.9915	0.9900	0.0143
theorem	0.9935	0.0065	0.9933	0.9865	0.0418
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7910	0.2090	0.6843	0.2340	0.4975
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7600	0.2400	0.5835	0.1036	0.6895
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.4516	0.1828	0.2615	0.1611	0.3844
trec41-wc	0.5114	0.0977	0.1853	0.3686	0.2927
trec45-wc	0.3043	0.1391	0.2065	0.1444	0.3741

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tuandromd	0.9664	0.0336	0.9513	0.9002	0.2880
turkish	0.8500	0.0750	0.8521	0.8000	0.1546
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%	0.8018	0.1981	0.7878	0.5318	0.5436
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7910	0.0464	0.8119	0.7544	0.1627
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7976	0.1012	0.7572	0.7257	0.2054
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6364	0.0661	0.6732	0.6000	0.1895
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.4551	0.0545	0.2604	0.3661	0.2479
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.6120	0.1109	0.5952	0.5452	0.4366
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.5459	0.1298	0.5395	0.4707	0.4691
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2667	0.3667	0.2567	0.0240	0.8245
waveform	0.8320	0.1120	0.8326	0.7481	0.3792
weather-related	0.9385	0.0112	0.9479	0.9300	0.0610
web-phishing	0.8296	0.1136	0.6685	0.6820	0.3778
Weekly	0.9537	0.0463	0.9533	0.9064	0.2542
weight-lift	0.3243	0.2703	0.3625	0.0623	0.4010
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6101	0.1300	0.2933	0.3556	0.3711
winequality-white	0.5297	0.1344	0.2663	0.2986	0.4306
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.9307	0.0198	0.7981	0.9115	0.0840
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.7500	0.0333	0.7496	0.7322	0.0687
yeast	0.5541	0.0892	0.3680	0.4224	0.3552
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9667	0.0067	0.9637	0.9627	0.0559

Table 406: Detailed results for PMBSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1590	0.0801	0.1157	0.0795	0.6544
abalone19	0.9713	0.0287	0.4927	-0.0109	0.3408
abalone9-18	0.8493	0.1507	0.4593	-0.0750	0.5654
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.9634	0.0366	0.9241	0.8483	0.3266
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.7778	0.2222	0.5065	0.0118	0.6352
AID_1431_KlekotaRothFingerprinter	0.7698	0.2302	0.4350	-0.1215	0.6412
AID_1431_MACCSFingerprinter	0.5635	0.4365	0.5870	0.0913	0.4271
AID_1878	0.6857	0.3143	0.5711	0.1348	0.7832
AID_602330	0.8490	0.1510	0.5415	0.0620	0.4634
AID_652128	0.6970	0.2020	0.3466	0.0000	0.5873
AID1284Morered	0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red	0.6667	0.3333	0.4762	-0.0435	0.7274
AID1608Morered	0.8544	0.1456	0.5211	0.0410	0.6438
AID1608red	0.8544	0.1456	0.5810	0.1421	0.5751
AID362red	0.9813	0.0187	0.5988	0.1909	0.5648
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.4286	0.5714	0.6316	0.1250	0.3900
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID456red	0.9890	0.0110	0.4972	-0.0044	0.3483
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.8000	0.2000	0.7619	0.5238	0.7028
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.5556	0.4444	0.6897	0.2500	0.5000
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7512	0.2488	0.6872	0.3708	0.7761
air_pollution	0.2300	0.2200	0.1388	0.0039	0.9163
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8095	0.0762	0.6621	0.6312	0.4417
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6465	0.3535	0.6723	0.3163	0.7874
anneal	0.9775	0.0090	0.9714	0.9510	0.0249
antivirus	0.9459	0.0541	0.9119	0.8238	0.3704
anuran-f-b	0.9889	0.0111	0.8314	0.5953	0.5288
anuran-family	0.9819	0.0090	0.9050	0.9659	0.1898
anuran-genus	0.9722	0.0070	0.9098	0.9545	0.1182
anuran-species	0.9819	0.0036	0.9472	0.9749	0.0446
anxiety	0.1583	0.1870	0.1634	0.0527	0.7669
apple-quality	0.8625	0.1375	0.8625	0.7250	0.5308
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.2444	0.1162	0.1257	0.0744	0.5011
auction	0.9020	0.0980	0.7588	0.5110	0.5857

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.5000	0.0909	0.1839	0.3665	0.2401
audit-risk	0.9359	0.0641	0.9334	0.8639	0.2894
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.8621	0.1379	0.8776	0.7264	0.3750
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.0005	0.1666	0.0001	0.0000	0.3409
babies	0.2742	0.2074	0.1740	0.0209	0.7457
balance	0.6935	0.2043	0.5954	0.5176	0.4343
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria	0.7028	0.2972	0.7104	0.4048	0.7714
basehock	0.8241	0.1759	0.8254	0.6481	0.6075
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.7810	0.2190	0.7955	0.5668	0.6329
biomed	0.7619	0.2381	0.7548	0.5070	0.7331
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.5714	0.4286	0.4750	-0.0500	0.9412
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.1818	0.2727	0.2353	0.0294	0.4347
bridges	0.0000	0.2857	0.0000	-0.3333	0.5715
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.3000	0.7000	0.2308	0.0000	0.4809
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9483	0.0259	0.8703	0.8908	0.1873
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.7681	0.2319	0.7603	0.5196	0.7249
cardiotocography	0.6197	0.0761	0.5983	0.5481	0.4836
cardiotocography-nsp	0.8685	0.0876	0.7404	0.6082	0.3392
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.4340	0.3773	0.3514	0.1607	0.5937
cars	0.7500	0.1667	0.6732	0.5439	0.5372
cas_N6512_cdk_ECFP2	0.7650	0.2350	0.7631	0.5260	0.7270
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.6764	0.3236	0.6728	0.3435	0.8482
cas_N6512_rdkit_AVALON	0.7558	0.2442	0.7539	0.5077	0.7421
cas_N6512_RDkit_Avalon_FP	0.7546	0.2454	0.7539	0.5075	0.7430
cas_N6512_rdkit_descriptors	0.7431	0.2569	0.7412	0.4822	0.7618
cas_N6512_rdkit_FEATMORGAN	0.7788	0.2212	0.7783	0.5562	0.7027
cas_N6512_RDkit_Featmorgan_FP	0.7991	0.2009	0.7978	0.5957	0.6675
cas_N6512_RDkit_FP	0.7025	0.2975	0.7001	0.4000	0.8190
cas_N6512_rdkit_LAYERED	0.6908	0.3092	0.6889	0.3777	0.8339
cas_N6512_RDkit_Layered_FP	0.6948	0.3052	0.6919	0.3832	0.8282
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.7723	0.2277	0.7708	0.5415	0.7151
cas_N6512_RDkit_morgan_FP	0.8006	0.1994	0.7992	0.5983	0.6643

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7400	0.2600	0.7386	0.4773	0.7663
cas_N6512_RDkit_pattern_FP	0.7469	0.2531	0.7456	0.4912	0.7558
cas_N6512_rdkit_RDKITFP	0.7020	0.2980	0.6991	0.3967	0.8171
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7668	0.2332	0.7492	0.4975	0.7376
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.8837	0.1163	0.5521	0.1042	0.6825
cervical-C	0.8953	0.1047	0.4724	-0.0545	0.6742
cervical-H	0.9186	0.0814	0.7387	0.4245	0.5608
cervical-S	0.8837	0.1163	0.6921	0.3804	0.6651
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9947	0.0053	0.6372	0.1802	0.3376
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8390	0.1610	0.7329	0.4532	0.6755
ci900367j_MACCS	0.6421	0.3579	0.6329	0.2636	0.8785
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.6429	0.2381	0.4240	0.2792	0.5571
cjs	0.9893	0.0036	0.9852	0.9869	0.0200
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.8000	0.2000	0.4444	-0.1111	0.7317
cmc	0.4490	0.3673	0.4312	0.1530	0.7758
cnae-9	0.8889	0.0247	0.8927	0.8750	0.1186
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.8052	0.1948	0.7748	0.5429	0.6816
collins	0.4600	0.0720	0.3678	0.4034	0.2919
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6207	0.3793	0.6107	0.2162	0.8800
colposcopies-2	0.5517	0.4483	0.5323	0.0645	0.9585
colposcopies-3	0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4	0.2759	0.7241	0.2162	0.0000	0.4638
colposcopies-5	0.1724	0.8276	0.1471	0.0000	0.3547
colposcopies-6	0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c	0.2414	0.7586	0.1944	0.0000	0.4342
column-2c	0.7742	0.2258	0.7354	0.4694	0.7392
column-3c	0.7419	0.1720	0.7252	0.5887	0.4784
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.5625	0.4375	0.5624	0.1248	0.9593
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.6667	0.3333	0.6750	0.3415	0.8344
cultivars	0.4062	0.0297	0.2904	0.3902	0.1138
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.1769	0.0119	0.8760
cyclopentane	0.7037	0.2963	0.6998	0.3793	0.7738
cylinder-bands	0.7963	0.2037	0.7931	0.5858	0.6749
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.6154	0.3846	0.6717	0.1772	0.3467
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.1605	0.8395	0.1383	0.0000	0.3379
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.7273	0.2727	0.5351	0.0700	0.8110
dermatology	0.1892	0.2703	0.0530	0.0000	0.3795
desharnais	0.3750	0.4167	0.2727	-0.1111	0.5095
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.6167	0.3833	0.6355	0.2333	0.7508
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5882	0.2745	0.5319	0.2822	0.6769
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.8000	0.1000	0.7898	0.7258	0.3111
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.5734	0.2844	0.5041	0.3046	0.7104
drug-01	0.2606	0.2112	0.1660	0.0440	0.7984
drug-02	0.2872	0.2036	0.1760	0.0269	0.8728
drug-03	0.4202	0.1657	0.1689	0.0880	0.6630
drug-04	0.3723	0.1793	0.2268	0.1327	0.8250
drug-05	0.4574	0.1550	0.1403	0.0052	0.8079
drug-06	0.3032	0.1991	0.2627	0.1706	0.7237
drug-07	0.2606	0.2112	0.1223	-0.0285	0.7459
drug-08	0.3138	0.1960	0.1715	0.0897	0.8254
drug-09	0.5266	0.1353	0.1633	0.0586	0.5560
drug-10	0.3511	0.1854	0.1560	0.0618	0.7912
drug-11	0.5426	0.1307	0.1664	0.0313	0.6381
drug-12	0.4681	0.1520	0.1650	0.0478	0.6857
drug-13	0.3351	0.1900	0.1441	0.0571	0.8388
drug-14	0.3617	0.1824	0.1944	0.0992	0.8404
drug-15	0.5532	0.1277	0.1681	0.0847	0.8884
drug-16	0.3670	0.1809	0.2356	0.1404	0.7995
drug-17	0.1968	0.2295	0.1467	0.0156	0.8691

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-18	0.0053	0.9947	0.0053	0.0000	0.0152
drug-19	0.5319	0.1337	0.1758	0.0732	0.7852
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.5000	0.1667	0.3695	0.3356	0.4870
ecoliCP-IM	0.9545	0.0455	0.9519	0.8991	0.1675
ecoliM	0.7273	0.2727	0.6128	0.2245	0.8370
ecoliMU	0.7576	0.2424	0.6474	0.2281	0.5602
ecoliOM	0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce	0.1900	0.4050	0.1887	-0.0801	0.8985
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.8885	0.1115	0.8874	0.7734	0.4578
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4521	0.2192	0.4631	0.3019	0.5585
euthyroid	0.9557	0.0443	0.8714	0.7422	0.4183
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4750	0.5250	0.4753	-0.0491	1.0000
farm-ads	0.8986	0.1014	0.8982	0.7955	0.4308
fbis-wc	0.6301	0.0435	0.5864	0.5835	0.4151
fertility	0.5000	0.5000	0.6454	0.1379	0.3467
finance	0.7843	0.2157	0.7838	0.5558	0.6604
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.7500	0.0833	0.6516	0.6768	0.1653
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.7885	0.1058	0.8000	0.7061	0.2612
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5453	0.3032	0.3882	0.1273	0.7506
gene	0.2524	0.4984	0.1343	0.0000	0.4017
german	0.5800	0.4200	0.5261	0.0519	0.9536
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.4286	0.1905	0.4381	0.1923	0.4406
glass-g2	0.6875	0.3125	0.6567	0.3103	0.8482
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.6667	0.3333	0.6387	0.2759	0.8607
glassContainers	0.0909	0.9091	0.0833	0.0000	0.2192
glassNW	0.2381	0.7619	0.1923	0.0000	0.4310
glassTableware	0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP	0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM	0.6316	0.3684	0.6438	0.2732	0.8562
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8214	0.1786	0.8150	0.6250	0.6113
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.5333	0.2333	0.5909	0.3558	0.4598
gsalc	0.6667	0.1111	0.5542	0.5909	0.1325
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.0898	0.2601	0.0235	0.0000	0.3024
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.5000	0.3333	0.3720	0.1634	0.5734

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.1100	0.4450	0.0801	-0.0004	0.4049
heart	0.6296	0.3704	0.6285	0.2541	0.8876
heart-attack	0.6452	0.3548	0.6610	0.3055	0.8342
heart-c	0.7333	0.2667	0.7364	0.4545	0.7296
heart-failure	0.9640	0.0360	0.9584	0.9167	0.2327
heart-quantum	0.6600	0.3400	0.6489	0.2975	0.8711
hepatitis	0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.6250	0.3750	0.6335	0.2587	0.8788
hiv1-proteasa	0.8904	0.1096	0.8009	0.6012	0.5826
hiva	0.9362	0.0638	0.5997	0.1960	0.6004
horse	0.5833	0.2778	0.4475	0.3121	0.5612
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.7088	0.2912	0.5155	0.0291	0.7374
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9782	0.0218	0.9318	0.8611	0.2113
hypothyroid	0.8302	0.0849	0.4071	0.3319	0.5927
hypothyroidT	0.9416	0.0584	0.8275	0.6452	0.5510
ilpd	0.6271	0.3729	0.5455	0.0910	0.9108
immuno-therapy	0.2222	0.7778	0.1818	0.0000	0.4150
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.9920	0.0018	0.9916	0.9909	0.0155
kc1	0.8436	0.1564	0.6626	0.3142	0.7078
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.3077	0.2769	0.2391	0.0565	0.4394
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.7115	0.2885	0.5202	0.0394	0.8681
kdc-4007	0.8304	0.0485	0.8317	0.8021	0.2683
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.9718	0.0282	0.9719	0.9434	0.1639
la1s-wc	0.7905	0.0698	0.7678	0.7335	0.3142
la2s-wc	0.7285	0.0905	0.7242	0.6630	0.4093
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.5000	0.0435	0.4713	0.4745	0.1527
led24	0.5500	0.0900	0.5623	0.4944	0.2061
lenses	0.3333	0.4444	0.1667	0.0000	0.4167

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8333	0.0222	0.8389	0.8213	0.0649
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6176	0.3824	0.5735	0.1467	0.9099
loan	0.7916	0.2084	0.7745	0.5469	0.6895
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.2264	0.2210	0.1844	0.0634	0.6575
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.7857	0.1429	0.5617	0.6111	0.2715
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.8723	0.1277	0.8679	0.7351	0.5083
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7643	0.2357	0.7430	0.4858	0.7453
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8021	0.1979	0.8016	0.6031	0.6609
marketing	0.8571	0.1429	0.6869	0.3680	0.6900
maternal	0.8020	0.1320	0.8061	0.7007	0.4127
math	0.5750	0.2125	0.4823	0.3366	0.5511
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8436	0.7778	0.1604
mental-health	0.2200	0.3120	0.2213	0.0247	0.8642
messidor	0.6522	0.3478	0.6462	0.2923	0.8798
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.6186	0.6842	0.2410
meter-D	0.6111	0.1944	0.5526	0.4899	0.3183
mfeat-fac	0.5200	0.0960	0.4080	0.4667	0.2976
mfeat-fou	0.1150	0.1770	0.0503	0.0167	0.5152
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.7050	0.0590	0.7095	0.6722	0.1933
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.7700	0.0460	0.7920	0.7444	0.1598
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.9906	0.0063	0.9891	0.9855	0.0242
mines	0.7059	0.1176	0.6941	0.6308	0.3156
mobile	0.1958	0.0287	0.2268	0.1812	0.3770
monks-1	0.4909	0.5091	0.3293	0.0000	0.5293
monks-2	0.9344	0.0656	0.9348	0.8610	0.3064
monks-3	0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9742	0.0258	0.9551	0.9070	0.2850
MUT_ci300400a_cdk_ECFP2	0.8189	0.1811	0.8132	0.6263	0.6333
MUT_ci300400a_cdk_ECFP4	0.8467	0.1533	0.8421	0.6842	0.5743
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7734	0.2266	0.7647	0.5276	0.7143

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_EXTENDED	0.7914	0.2086	0.7852	0.5703	0.6867
MUT_ci300400a_cdk_FCFP2	0.8263	0.1737	0.8206	0.6409	0.6174
MUT_ci300400a_cdk_FCFP4	0.8261	0.1739	0.8200	0.6385	0.6135
MUT_ci300400a_cdk_FCFP6	0.8189	0.1811	0.8141	0.6282	0.6340
MUT_ci300400a_cdk_MACCS	0.8141	0.1859	0.8084	0.6167	0.6432
MUT_ci300400a_cdk_PUBCHEM	0.8575	0.1425	0.8530	0.7058	0.5482
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.7932	0.2068	0.7872	0.5732	0.6788
myocardial	0.0588	0.2353	0.0807	0.0266	0.4485
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9031	0.0969	0.8072	0.6105	0.5419
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.3333	0.4444	0.3014	-0.0283	0.8217
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.7773	0.0636	0.7712	0.7395	0.2584
obs	0.9537	0.0231	0.9680	0.9319	0.0919
occupancy	0.9908	0.0092	0.9873	0.9743	0.1107
Occupancy_Estimation	0.9812	0.0094	0.9344	0.9432	0.0849
oh0-wc	0.7921	0.0416	0.7777	0.7606	0.1987
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.7065	0.0587	0.6722	0.6671	0.2911
oh5-wc	0.8242	0.0352	0.8233	0.8017	0.1726
olive	0.8070	0.0429	0.7951	0.7632	0.1806
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.1566	0.1687	0.1640	0.0619	0.7418
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.0356	0.9644	0.0344	0.0000	0.0956
ozone8hr	0.8182	0.1818	0.5488	0.0881	0.6171
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.8014	0.6025	0.6500
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8654	0.7299	0.5231
p53-mutants10%	0.0032	0.9968	0.0032	0.0000	0.0091
page-blocks	0.9397	0.0241	0.5938	0.6476	0.3606
parkinson	0.8917	0.1083	0.8874	0.7737	0.4542
parkinsons	0.7062	0.2938	0.7155	0.4157	0.7686
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.8829	0.1171	0.5863	0.1721	0.6762
pcmac	0.4536	0.5464	0.4547	-0.0891	1.0000
pcos	0.9867	0.0133	0.9790	0.9578	0.1039
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9891	0.0022	0.9891	0.9879	0.0200
period	0.6667	0.3333	0.4000	0.0000	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
period-10f	0.3333	0.6667	0.2500	0.0000	0.5000
persistency	0.7201	0.2799	0.7027	0.4054	0.8046
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.7550	0.2450	0.7360	0.4684	0.7505
phishing	0.9347	0.0653	0.9322	0.8640	0.3336
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8889	0.1111	0.8632	0.7264	0.5102
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6711	0.3289	0.6622	0.3234	0.8550
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5789	0.4211	0.5778	0.1556	0.9466
plrx	0.5556	0.4444	0.5623	0.1111	0.8384
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9545	0.0455	0.5327	0.0437	0.5500
polish-2nd	0.9499	0.0501	0.4871	-0.0173	0.5909
polish-3rd	0.9438	0.0562	0.4855	-0.0147	0.5449
polish-4th	0.9173	0.0827	0.5032	0.0061	0.6702
polish-5th	0.9239	0.0761	0.6348	0.2493	0.6165
polya	0.6378	0.3622	0.6021	0.2040	0.9031
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.4388	0.3077	0.4154
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7207	0.4412	0.7929
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3030	0.1072	0.2707	0.2310	0.3572
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7612	0.2388	0.7434	0.4826	0.7395
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.7857	0.2143	0.8028	0.5333	0.4205
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9222	0.0778	0.9232	0.8444	0.3519
re0-wc	0.5667	0.0667	0.5503	0.4344	0.4628
re1-wc	0.4759	0.0419	0.4691	0.4101	0.3751
rejafada	0.9598	0.0402	0.4897	-0.0089	0.4791
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6023	0.3977	0.5883	0.1767	0.9286
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8149	0.0617	0.8054	0.7732	0.2643
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.8694	0.1306	0.7198	0.4230	0.6495

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
scadi	0.2857	0.2857	0.3429	0.1667	0.3023
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9307	0.0198	0.9365	0.9190	0.0916
segmentation	0.8020	0.1980	0.7905	0.5788	0.6730
segmentO	0.9610	0.0390	0.9345	0.8601	0.3620
seismic	0.9109	0.0891	0.6278	0.2555	0.6608
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.7921	0.2079	0.5490	0.0980	0.7706
sens-2-gram	0.7816	0.2184	0.6460	0.2726	0.6974
sens-3-gram	0.7974	0.2026	0.5954	0.1890	0.7477
sens-4-gram	0.7789	0.2211	0.6017	0.1964	0.7301
sens-5-gram	0.8053	0.1947	0.5591	0.1179	0.7709
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.8727	0.1273	0.6345	0.2504	0.6209
sirtuin6	0.7000	0.3000	0.7521	0.4000	0.4882
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9922	0.0078	0.9885	0.9768	0.1057
smarket	0.7600	0.2400	0.7616	0.5208	0.7271
smart-farming	0.1600	0.4200	0.1542	-0.1194	0.8807
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2100	0.3160	0.2103	0.0129	0.8692
solar-flare	0.1942	0.2686	0.1695	0.0530	0.7850
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.0588	0.0991	0.0678	-0.0166	0.5384
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8630	0.1370	0.8576	0.7150	0.5405
spect	0.6667	0.3333	0.5950	0.1818	0.8134
spectf	0.2857	0.7143	0.2222	0.0000	0.4711
spectrometer	0.0000	0.0741	0.0000	-0.0517	0.3855
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.6500	0.3500	0.5973	0.1807	0.8765
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.4000	0.1905	0.0000	0.2619
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.7090	0.4141	0.7381
steel-d	0.9692	0.0308	0.7421	0.4841	0.5554
steel-k	0.9641	0.0359	0.9439	0.8868	0.2321
steel-o	0.7590	0.2410	0.7305	0.4602	0.7563
steel-p	0.9077	0.0923	0.6757	0.3502	0.6521
steel-s	0.9744	0.0256	0.8676	0.7237	0.4963
steel-z	0.9436	0.0564	0.8685	0.7245	0.5075
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.1806	0.8194	0.1529	0.0000	0.3656
stockb	0.9736	0.0176	0.9738	0.9603	0.0729
streaming	0.8620	0.1380	0.8606	0.7185	0.5217

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.2300	0.3080	0.1717	-0.1073	0.8177
student-weekend	0.3846	0.2462	0.2827	0.1567	0.6680
student-workday	0.5938	0.1625	0.2751	0.1843	0.7006
studentap	0.5385	0.3077	0.5342	0.2778	0.6089
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6667	0.2222	0.6735	0.5000	0.4558
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9964	0.0007	0.9965	0.9960	0.0060
theorem	0.4173	0.5827	0.2945	0.0000	0.5272
thoracic	0.8298	0.1702	0.6643	0.3286	0.7325
thrombin	0.9686	0.0314	0.6170	0.2340	0.5865
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.3368	0.6632	0.2520	0.0000	0.5017
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f	0.4118	0.5882	0.4338	-0.1184	0.9526
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6533	0.3467	0.5061	0.0122	0.8985
trec11-wc	0.8537	0.0325	0.8034	0.8170	0.1248
trec12-wc	0.8710	0.0323	0.8868	0.8434	0.0933
trec21-wc	0.8485	0.0606	0.5322	0.6939	0.2013
trec23-wc	0.8095	0.0635	0.8757	0.7255	0.1247
trec31-wc	0.7849	0.0717	0.7462	0.7176	0.3122
trec41-wc	0.7159	0.0568	0.6643	0.6632	0.2765
trec45-wc	0.6377	0.0725	0.5645	0.5785	0.3147
tuandromd	0.9843	0.0157	0.9754	0.9507	0.1231
turkish	0.2500	0.3750	0.1000	0.0000	0.4042
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8077	0.1923	0.7901	0.5780	0.6602
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9170	0.0830	0.5419	0.0766	0.5337
ur3_cobotops_stop	0.9061	0.0939	0.6587	0.2637	0.5184
urban	0.2239	0.1725	0.1536	0.1032	0.6154
urinalysis	0.9091	0.0909	0.6370	0.2684	0.6329
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7024	0.1488	0.7024	0.6054	0.3065
vehicleVAN	0.9643	0.0357	0.9519	0.9032	0.2250
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.8372	0.1628	0.8410	0.6753	0.5648
vowel	0.5455	0.0826	0.5966	0.5000	0.2709
vowelZ	0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7885	0.0212	0.6540	0.7631	0.1340
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2600	0.3700	0.2581	0.0126	0.8611
waveform	0.3400	0.4400	0.1692	0.0000	0.4157
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8519	0.0988	0.7945	0.7357	0.4133
Weekly	0.8704	0.1296	0.8688	0.7375	0.5146
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9750	0.0125	0.9751	0.9667	0.0640
wilt	0.9420	0.0580	0.7692	0.5191	0.5833
wine	0.2353	0.5098	0.1270	0.0000	0.3739
winequality-red	0.6101	0.1300	0.3540	0.3955	0.6132
winequality-white	0.4928	0.1449	0.2662	0.2802	0.6877
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9298	0.0702	0.9246	0.8492	0.3528
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.2838	0.1432	0.2167	0.1252	0.6929
yeastCYT-POX	0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC	0.9392	0.0608	0.6592	0.2808	0.5314
yeastME1	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME2	0.9459	0.0541	0.6564	0.3060	0.6026
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 407: Detailed results for PMR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1976	0.0764	0.1441	0.1173	0.4926
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8464	0.1536	0.7752	0.5446	0.6284
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.7810	0.2190	0.4948	-0.0075	0.7914
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8592	0.1408	0.7963	0.5801	0.5679
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8744	0.1256	0.8719	0.7435	0.5028
alcohol	0.7714	0.0914	0.3735	0.4602	0.2643
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8419	0.1581	0.8252	0.6498	0.5969
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family	0.9444	0.0278	0.7681	0.8926	0.1603
anuran-genus	0.9569	0.0108	0.8883	0.9291	0.1857
anuran-species	0.9694	0.0061	0.9328	0.9575	0.0742
anxiety	0.0833	0.2037	0.0827	-0.0333	0.8384
apple-quality	0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.9020	0.0980	0.7385	0.4276	0.4934

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.8000	0.0667	0.6900	0.7306	0.1466
avila	0.5558	0.0740	0.4055	0.3402	0.3604
babies	0.4355	0.1613	0.1726	0.1133	0.4723
balance	0.9032	0.0645	0.8274	0.8306	0.3374
bank	0.9109	0.0891	0.7487	0.4850	0.5674
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.9154	0.8259	0.3982
biodeg	0.8857	0.1143	0.8803	0.7600	0.4858
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9857	0.0026	0.0903	-0.0002	0.3387
body-perf	0.6313	0.1843	0.6298	0.5085	0.4996
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.5714	0.7143	0.0558
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8736	0.0632	0.7559	0.7307	0.2921
car-insurance	0.8320	0.1680	0.8008	0.6003	0.6312
card	0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography	0.8310	0.0338	0.7621	0.7974	0.2174
cardiotocography-nsp	0.8873	0.0751	0.7909	0.6929	0.4030
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5539	0.4425	0.5565
cas_N6512_cdk_ECFP2	0.7512	0.2488	0.7491	0.4980	0.7492
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7400	0.2600	0.7384	0.4768	0.7665
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7650	0.2350	0.7631	0.5230	0.7193
cas_N6512_RDkit_MACCS_FP	0.7546	0.2454	0.7533	0.5065	0.7439
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.7138	0.2862	0.7121	0.4243	0.8038
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9439	0.0561	0.5741	0.1148	0.5719
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9995	0.0005	0.8628	0.7181	0.2800
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8143	0.6282	0.4387
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8090	0.1910	0.6400	0.2199	0.6584
churn-bigml	0.8689	0.1311	0.6742	0.2844	0.5710
ci900367j_MACCS	0.7474	0.2526	0.7289	0.4574	0.7669
circles	0.7660	0.0047	0.7769	0.7636	0.0616
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	0.9964	0.0012	0.9960	0.9956	0.0060
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8009	0.0995	0.5583	0.6874	0.3137
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9200	0.0800	0.7382	0.3103	0.1938
cmc	0.4898	0.3401	0.4607	0.1927	0.7513
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8688	0.0239	0.6799	0.8404	0.2559
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4	0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7586	0.2414	0.6545	0.3072	0.7986
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7740	0.2260	0.7741	0.5481	0.7105
coupon	0.6806	0.3194	0.6710	0.3404	0.8477
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.7165	0.0810	0.4950	0.5325	0.3599
covtypeCD	0.9468	0.0532	0.8815	0.7596	0.3732
covtypeT	0.9429	0.0571	0.7450	0.4735	0.5177

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9994	0.0006	0.9139	0.8258	0.2307
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8931	0.0356	0.7692	0.7762	0.2897
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.3438	0.0328	0.2424	0.3267	0.0969
customer-churn	0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity	0.1567	0.2811	0.1595	-0.0148	0.8799
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.7407	0.2593	0.7349	0.4698	0.7686
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8147	0.1853	0.6859	0.3008	0.5989
defect	0.8827	0.1173	0.7477	0.4323	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9013	0.0987	0.7201	0.4163	0.5765
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7167	0.2833	0.6306	0.2609	0.8304
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6500	0.1400	0.5622	0.4928	0.4580
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5689	0.4311	0.5655	0.1301	0.9537
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7675	0.1550	0.6878	0.6096	0.4624
drug-01	0.4255	0.1641	0.1858	0.1006	0.5279
drug-02	0.5053	0.1413	0.1888	0.1172	0.5774
drug-03	0.6596	0.0973	0.1302	0.0227	0.3937
drug-04	0.5160	0.1383	0.2297	0.1107	0.6083
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4043	0.1702	0.2249	0.2417	0.5586
drug-07	0.4468	0.1581	0.1335	0.0525	0.3554
drug-08	0.5638	0.1246	0.2054	0.1349	0.4238
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.2456	0.1527	0.3701
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7872	0.0608	0.1258	-0.0056	0.2801
drug-13	0.6330	0.1049	0.2633	0.2770	0.3634
drug-14	0.5798	0.1201	0.2533	0.2360	0.4229
drug-15	0.7447	0.0729	0.1235	0.0355	0.2841

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.6064	0.1125	0.2937	0.3379	0.3799
drug-17	0.3564	0.1839	0.1626	0.1042	0.5075
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7553	0.0699	0.1229	-0.0198	0.2767
drybean	0.9295	0.0202	0.9412	0.9147	0.1186
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2797	0.0399	0.8248
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6395	0.3605	0.6311	0.2569	0.8844
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6575	0.1370	0.6248	0.5622	0.3930
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8940	0.1060	0.8947	0.7880	0.4443
fakenews	0.5375	0.4625	0.5374	0.0748	0.9770
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9820	0.0060	0.9810	0.9782	0.0418
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6000	0.2667	0.3792	0.1413	0.5118
gene	0.9180	0.0547	0.9082	0.8688	0.2392
german	0.7700	0.2300	0.7372	0.4390	0.6592
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8300	0.1700	0.8315	0.6591	0.5901
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7143	0.0952	0.7232	0.6050	0.2593
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7143	0.2857	0.6585	0.3077	0.8184
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.4577	0.3598	0.3967
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.7309	0.1076	0.7199	0.6591	0.4196
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7699	0.0657	0.4291	0.6287	0.1747
har7010%	0.7669	0.0666	0.4223	0.6233	0.1748
harth	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth1%	0.6601	0.0566	0.2326	0.5132	0.2461
harth10%	0.6598	0.0567	0.2355	0.5122	0.2484
hayes-roth	0.3750	0.4167	0.3965	0.0244	0.7361
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8366	0.1634	0.8366	0.6731	0.5905
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6591	0.3409	0.6564	0.3100	0.8661
higgs1%	0.6418	0.3582	0.6388	0.2717	0.8777
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.2183	0.0941	0.4155
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9275	0.0725	0.8693	0.7383	0.4556
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6111	0.2593	0.5873	0.3412	0.6284
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.5845	0.2770	0.5877	0.3767	0.6472
ht-sensor10%	0.5666	0.2889	0.5699	0.3504	0.6639
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9761	0.0119	0.6592	0.8517	0.1518
hypothyroidT	0.9549	0.0451	0.8202	0.5658	0.1285
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9507	0.0247	0.9510	0.9342	0.0990
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8209	0.1791	0.6455	0.1720	0.5323
jvowels	0.9508	0.0109	0.9476	0.9442	0.0774
kc1	0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.6154	0.1538	0.3650	0.2935	0.3817
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2856	0.0794	0.2351	0.1868	0.5688
krvskp	0.9718	0.0282	0.9717	0.9435	0.1739
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8824	0.0102	0.9022	0.8764	0.0352

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.6000	0.0800	0.6196	0.5531	0.1924
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7655	0.0180	0.7632	0.7560	0.2357
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.0833	0.1222	0.0103	0.0000	0.4070
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9204	0.0796	0.9148	0.8292	0.3758
localization	0.3983	0.1094	0.1734	0.1827	0.5407
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8868	0.0323	0.6557	0.8424	0.0634
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5692	0.4308	0.5705	0.1385	0.9456
magic04	0.7817	0.2183	0.7523	0.4971	0.7031
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.9018	0.0982	0.7768	0.5110	0.4530
maternal	0.6040	0.2640	0.6032	0.3908	0.5676
math	0.8000	0.1000	0.7475	0.6926	0.3524
mba	0.8242	0.1172	0.3694	0.0711	0.3672
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2433	0.3027	0.2466	0.0527	0.8344
messidor	0.7217	0.2783	0.7201	0.4390	0.7902
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.9125	0.8462	0.1451
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.8200	0.0360	0.8229	0.8000	0.1710
mfeat-kar	0.9600	0.0080	0.9605	0.9556	0.0506
mfeat-mor	0.7150	0.0570	0.7185	0.6833	0.1961
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.8200	0.0360	0.8216	0.8000	0.1143
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8774	0.0818	0.8811	0.8152	0.2779
mines	0.5294	0.1882	0.4634	0.4106	0.3962
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4844	0.0937	0.4806	0.3764	0.5408
musk	0.9409	0.0591	0.8796	0.7418	0.2793
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7242	0.2758	0.7152	0.4301	0.7941
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.7638	0.2362	0.7541	0.5040	0.7248
MUT_ci300400a_cdk_PUBCHEM	0.8180	0.1820	0.8113	0.6203	0.6281
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.7895	0.2105	0.7835	0.5662	0.6869
myocardial	0.8765	0.0309	0.3495	0.4737	0.4239
naticusdroid	0.9632	0.0368	0.9632	0.9264	0.2109
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8783	0.0128	0.2683	0.6185	0.1743
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6471	0.3529	0.6443	0.2878	0.8831
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9443	0.0557	0.9316	0.8632	0.3217
NPHA-doctor-visits	0.4722	0.3519	0.2645	-0.0696	0.6591
nursery	0.9313	0.0275	0.7116	0.8991	0.1221
obesity	0.9242	0.0217	0.9233	0.9114	0.1054
obs	0.8704	0.0648	0.9072	0.8027	0.1532
occupancy	0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation	0.9931	0.0035	0.9767	0.9790	0.0301
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.9298	0.0156	0.9076	0.9124	0.0513
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9133	0.0867	0.6366	0.0549	0.2693
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9520	0.0096	0.9535	0.9466	0.0688
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9723	0.0277	0.7546	0.3553	0.0869
ozone8hr	0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.8793	0.8429	0.2533
parkinson	0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons	0.8009	0.1991	0.7967	0.5892	0.6629
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.9103	0.0897	0.8886	0.7773	0.4463
particle10%	0.9038	0.0962	0.8831	0.7656	0.4716
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7760	0.5517	0.6697

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9563	0.0087	0.9565	0.9514	0.0691
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9250	0.0750	0.9158	0.8215	0.2735
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%	0.6639	0.0960	0.6275	0.6063	0.3362
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%	0.6316	0.1053	0.5897	0.5681	0.3353
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.7074	0.2926	0.7074	0.4147	0.8112
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9909	0.0061	0.9842	0.9711	0.0693
placement	0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth	0.8421	0.1579	0.8427	0.6816	0.5635
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4907	0.1455	0.1295	-0.0114	0.2592
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th	0.9449	0.0551	0.5497	0.0283	0.3661
polish-5th	0.9272	0.0728	0.6194	0.1896	0.5601
polya	0.7784	0.2216	0.7522	0.5001	0.7142
popularity	0.6636	0.2243	0.4508	0.2121	0.4958
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8155	0.0738	0.8151	0.7693	0.2881
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7215	0.4412	0.7888
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5152	0.0746	0.5149	0.4634	0.2606
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8657	0.1343	0.8497	0.6990	0.5534
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.8341	0.0663	0.7819	0.7759	0.2508
puc-rio10%	0.8431	0.0628	0.7854	0.7883	0.2462
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5012	0.4988	0.5013	0.0025	0.9993
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9868	0.0132	0.9867	0.9733	0.0921
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6067	0.3933	0.5779	0.1514	0.9250
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimage	0.8523	0.0492	0.8182	0.8171	0.2111
satimageF	0.9844	0.0156	0.9595	0.9188	0.1877
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8718	0.1282	0.5865	0.1649	0.6310
secondary_mushroom	0.8729	0.1271	0.8717	0.7433	0.5081
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9522	0.9393	0.0727
segmentation	0.8168	0.1832	0.7977	0.5945	0.6489
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8474	0.1526	0.5114	0.0143	0.6901
sens-3-gram	0.8605	0.1395	0.5972	0.1524	0.6584
sens-4-gram	0.8263	0.1737	0.5624	0.1206	0.7656
sens-5-gram	0.8500	0.1500	0.6002	0.1845	0.7209
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.7703	0.0418	0.7691	0.7473	0.2288
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8840	0.1160	0.7394	0.4155	0.4799
shuttle	0.9655	0.0099	0.7673	0.9008	0.1322
sick	0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9188	0.0812	0.8779	0.7557	0.4666
skin10%	0.9154	0.0846	0.8715	0.7431	0.4746
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1967	0.3213	0.1993	-0.0058	0.8660
solar-flare	0.7554	0.0815	0.6528	0.6854	0.2183
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9435	0.0565	0.8130	0.6159	0.4539
spambase	0.9065	0.0935	0.9020	0.8009	0.3957
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.9558	0.0442	0.9434	0.8858	0.3029
splice-IE	0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles	0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7540	0.1640	0.7026	0.6006	0.4697
steel-b	0.8308	0.1692	0.7118	0.3990	0.6566
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.7692	0.2308	0.7353	0.4361	0.6635
steel-p	0.9282	0.0718	0.7214	0.4253	0.5579
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.9647	0.0235	0.9592	0.9370	0.1216
stock	0.9028	0.0972	0.8270	0.6505	0.5175

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8000	0.2000	0.7975	0.5949	0.6667
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6400	0.1440	0.3571	0.4053	0.4069
student-depression	0.8351	0.1649	0.8290	0.6571	0.5962
student-habits	0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend	0.3385	0.2646	0.2246	0.0955	0.7099
student-workday	0.7031	0.1187	0.2529	0.2260	0.4683
studentap	0.4615	0.3590	0.4598	0.1727	0.7242
susy1%	0.7944	0.2056	0.7941	0.5801	0.6514
susy10%	0.7883	0.2117	0.7887	0.5668	0.6557
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9982	0.0003	0.9983	0.9980	0.0031
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7164	0.2836	0.6487	0.2938	0.8095
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.8750	0.0625	0.8875	0.8333	0.1586
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9308	0.0692	0.9261	0.8520	0.3518
tvnews10%	0.9029	0.0971	0.8946	0.7881	0.4270
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis	0.9510	0.0490	0.7039	0.3436	0.4349
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7381	0.1310	0.7220	0.6513	0.2329
vehicleVAN	0.9643	0.0357	0.9523	0.9000	0.1262
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.6566	0.0624	0.6815	0.6222	0.1767
vowelZ	0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2300	0.3850	0.2309	-0.0266	0.8718
waveform	0.8360	0.1093	0.8362	0.7540	0.3756
weather-related	0.9731	0.0049	0.9738	0.9695	0.0462
web-phishing	0.8148	0.1235	0.6614	0.6596	0.4652
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.8173	0.0731	0.8110	0.7685	0.3034
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9752	0.0248	0.8526	0.6876	0.2866
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5849	0.1384	0.2710	0.3189	0.3978
winequality-white	0.5317	0.1338	0.2564	0.2468	0.4568
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5135	0.0973	0.3627	0.3718	0.3405
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 408: Detailed results for POR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1855	0.0776	0.0780	0.1021	0.4576
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.6979	0.2188	0.4125
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8122	0.1878	0.7167	0.4061	0.6628
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7429	0.1029	0.3449	0.3474	0.2540
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8651	0.1349	0.8498	0.6949	0.5200
anneal	0.9438	0.0225	0.9358	0.8793	0.1354
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9040	0.0480	0.6189	0.8116	0.2005
anuran-genus	0.8554	0.0362	0.4788	0.7471	0.1800
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.0917	0.2019	0.0643	-0.0278	0.6932
apple-quality	0.7175	0.2825	0.7190	0.4350	0.7900
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.8824	0.1176	0.6849	0.1270	0.2517

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.9091	0.0165	0.8749	0.8914	0.0458
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7500	0.0833	0.5657	0.6564	0.1443
avila	0.5022	0.0830	0.2162	0.2251	0.3611
babies	0.4355	0.1613	0.1402	0.0970	0.3740
balance	0.8871	0.0753	0.6140	0.7870	0.1945
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9852	0.9704	0.1045
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8986	0.1014	0.8917	0.7690	0.3513
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8476	0.1524	0.8372	0.6738	0.5763
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.7358	0.7778	0.0821
bridges	0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8506	0.0747	0.5914	0.6716	0.3173
car-insurance	0.8270	0.1730	0.7921	0.5798	0.6329
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.7277	0.0545	0.6418	0.6650	0.2064
cardiotocography-nsp	0.8545	0.0970	0.7139	0.5276	0.3799
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6500	0.2333	0.4843	0.2938	0.6322
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7200	0.2800	0.7193	0.4383	0.7939
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9752	0.0248	0.8305	0.6136	0.1935
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8030	0.1970	0.6149	0.1414	0.6115
churn-bigml	0.8764	0.1236	0.7033	0.2611	0.3763
ci900367j_MACCS	0.6947	0.3053	0.6653	0.3259	0.8363
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.7143	0.1905	0.4837	0.3971	0.3940
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7694	0.1153	0.4969	0.6190	0.2730
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4830	0.3447	0.4482	0.1728	0.7476
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.5517	0.4483	0.4647	-0.0680	0.9793
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.6207	0.3793	0.5884	0.1448	0.8434
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7931	0.2069	0.6969	0.2018	0.3671
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7596	0.2404	0.7605	0.5195	0.7303
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.0353	0.2756	0.0097	0.0000	0.2902
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8461	0.0513	0.5627	0.6404	0.1930
cryotherapy	0.6667	0.3333	0.6582	0.3077	0.8482
cultivars	0.1562	0.0422	0.0918	0.1325	0.1642
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1700	0.2767	0.1145	-0.0057	0.6094
cyclopentane	0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands	0.7963	0.2037	0.7914	0.5714	0.6421
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8143	0.1857	0.6852	0.3001	0.6014
defect	0.8827	0.1173	0.7573	0.3822	0.2571
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.2667	0.0857	0.4227
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7167	0.2833	0.5781	0.1500	0.8543
diabetes	0.8846	0.1154	0.8781	0.7562	0.4872
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.7050	0.8346	0.0915
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7607	0.1595	0.6650	0.5832	0.4195
drug-01	0.4096	0.1687	0.1249	0.0308	0.3481
drug-02	0.5160	0.1383	0.0976	0.0045	0.2927
drug-03	0.6915	0.0881	0.1477	0.0377	0.2421
drug-04	0.5319	0.1337	0.0996	0.0055	0.2904
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2720	0.2729	0.3590
drug-07	0.4734	0.1505	0.1591	0.0848	0.2918
drug-08	0.5585	0.1261	0.1373	0.0261	0.2662
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1565	0.1014	0.3535
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6223	0.1079	0.1740	0.2326	0.3225
drug-14	0.5851	0.1185	0.2194	0.1783	0.3510
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.5851	0.1185	0.1825	0.2564	0.3123
drug-17	0.3723	0.1793	0.1345	0.1117	0.4321
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9089	0.0260	0.9087	0.8894	0.1268
ecoli	0.8235	0.0441	0.5192	0.7488	0.1029
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2000	0.4000	0.1687	-0.0652	0.7699
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5875	0.4125	0.5726	0.1306	0.9043
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6301	0.1479	0.5898	0.5090	0.3437
euthyroid	0.9335	0.0665	0.7850	0.4621	0.1711
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7059	0.2941	0.7074	0.3846	0.7439
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8125	0.0625	0.6420	0.7538	0.0807
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9038	0.0481	0.8919	0.8667	0.1055
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.6250	0.2500	0.5906	0.3962	0.5975
gender	0.6042	0.2639	0.3823	0.1484	0.5082
gene	0.9117	0.0589	0.8997	0.8592	0.2381
german	0.7500	0.2500	0.7121	0.3812	0.6824
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.5714	0.1429	0.4812	0.3762	0.3061
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP	0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8810	0.1190	0.8813	0.7590	0.4804
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.3077	0.2500	0.3838
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7584	0.0690	0.3837	0.6065	0.1547
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.3750	0.4167	0.2694	-0.0596	0.6259
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8369	0.6723	0.5819
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.8460	0.1540	0.8148	0.6209	0.5714
heart-quantum	0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6464	0.3536	0.6434	0.2826	0.8768
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1393	0.1195	0.3056
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6667	0.2222	0.6453	0.3846	0.4620
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9693	0.0307	0.9014	0.7854	0.1470
hypothyroid	0.9363	0.0318	0.5636	0.4712	0.1470
hypothyroidT	0.9390	0.0610	0.7437	0.3251	0.1589
ilpd	0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8099	0.1901	0.6018	0.0728	0.5043
jvowels	0.9096	0.0201	0.9066	0.8975	0.1330
kc1	0.8768	0.1232	0.7238	0.3590	0.4552
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.7692	0.0923	0.3178	0.4265	0.1435
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.9467	0.0533	0.9467	0.8933	0.2786
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6176	0.0332	0.5730	0.5985	0.1069

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.7000	0.0600	0.6724	0.6639	0.1397
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.0833	0.1222	0.0103	0.0000	0.4070
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.8970	0.1030	0.8895	0.7757	0.4283
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8679	0.0377	0.6419	0.8154	0.0891
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9043	0.0957	0.9033	0.8050	0.4227
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7728	0.2272	0.7402	0.4616	0.6938
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8430	0.6859	0.5749
marketing	0.8929	0.1071	0.7519	0.4309	0.4261
maternal	0.6634	0.2244	0.6736	0.4777	0.4958
math	0.7500	0.1250	0.5896	0.5918	0.2757
mba	0.8323	0.1118	0.3756	0.0639	0.3258
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6957	0.3043	0.6968	0.3906	0.8179
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.8125	0.6070	0.1886
meter-D	0.7778	0.1111	0.6350	0.6856	0.1970
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.7850	0.0430	0.7880	0.7611	0.1772
mfeat-kar	0.9400	0.0120	0.9421	0.9333	0.0733
mfeat-mor	0.7050	0.0590	0.6803	0.6722	0.1921
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.7700	0.0460	0.7696	0.7444	0.1988
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8019	0.1321	0.7682	0.6916	0.3900
mines	0.5000	0.2000	0.4148	0.3738	0.4089
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9559	0.0441	0.9146	0.8140	0.1350
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5139	0.3241	0.3066	-0.0084	0.4955
nursery	0.9151	0.0340	0.5561	0.8743	0.1077
obesity	0.5735	0.1219	0.5601	0.5017	0.3984
obs	0.8148	0.0926	0.8552	0.7197	0.2228
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9733	0.0133	0.9262	0.9160	0.0599
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.7368	0.0585	0.6254	0.6572	0.1454
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9415	0.0234	0.5740	0.5618	0.0651
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8152	0.1848	0.8064	0.6121	0.6468
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8816	0.1184	0.8335	0.6538	0.4856

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.1028	0.1794	0.0186	0.0000	0.4062
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9050	0.0950	0.8937	0.7701	0.3112
phishing	0.9469	0.0531	0.9444	0.8872	0.2581
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7537	0.2463	0.6782	0.3512	0.7860
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7105	0.2895	0.6923	0.3323	0.7052
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.7990	0.2010	0.7924	0.5840	0.6700
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9289	0.0711	0.4816	-0.0033	0.3009
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6353	0.2647	0.8828
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5152	0.0746	0.4048	0.4511	0.2225
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8060	0.1940	0.7711	0.5330	0.6591
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.7622	0.0951	0.6709	0.6671	0.2377
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9721	0.0279	0.9119	0.8094	0.1280
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6096	0.3904	0.5747	0.1387	0.9089
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimage	0.7978	0.0674	0.7244	0.7462	0.2249
satimageF	0.9798	0.0202	0.9461	0.8896	0.1561
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8918	0.0309	0.9039	0.8733	0.1141
segmentation	0.7871	0.2129	0.7627	0.5227	0.7023
segmentO	0.9610	0.0390	0.9196	0.8257	0.1225
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8792	0.1208	0.7254	0.3769	0.4824
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9496	0.0504	0.7516	0.4051	0.2858
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.8983	0.1017	0.8405	0.6793	0.5165
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7482	0.0839	0.5766	0.6748	0.1927
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9087	0.0913	0.9046	0.8050	0.3801
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8286	0.1714	0.7887	0.4878	0.3453
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.9590	0.0410	0.9459	0.8918	0.2766
splice-IE	0.9117	0.0883	0.8748	0.7485	0.4517
sport-articles	0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7949	0.2051	0.6419	0.2637	0.7472
steel-d	0.9744	0.0256	0.7333	0.2794	0.0817
steel-k	0.9590	0.0410	0.9356	0.8693	0.2472
steel-o	0.7436	0.2564	0.7052	0.3513	0.6581
steel-p	0.9179	0.0821	0.6255	0.1729	0.5109
steel-s	0.9744	0.0256	0.8122	0.6029	0.3542
steel-z	0.9590	0.0410	0.8784	0.7553	0.3856
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8958	0.1042	0.8069	0.5931	0.4811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	0.9559	0.0294	0.9568	0.9339	0.1040
streaming	0.8000	0.2000	0.7972	0.5939	0.6654
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6250	0.1500	0.2762	0.3606	0.3313
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4000	0.2400	0.1875	0.1055	0.4726
student-workday	0.7344	0.1062	0.2687	0.1929	0.2697
studentap	0.6154	0.2564	0.6420	0.3868	0.4512
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9236	0.0139	0.9286	0.9158	0.0792
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.8947	0.1053	0.8808	0.7530	0.4126
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.7250	0.1375	0.7173	0.6333	0.2456
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7381	0.1310	0.6974	0.6464	0.2975
vehicleVAN	0.9167	0.0833	0.8879	0.7500	0.2236
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4747	0.0955	0.5164	0.4222	0.2585
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8460	0.1027	0.8464	0.7690	0.3577
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.7852	0.1432	0.5396	0.5922	0.3471
Weekly	0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc	0.9850	0.0075	0.9851	0.9800	0.0385
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5912	0.1363	0.2790	0.3223	0.3729
winequality-white	0.5153	0.1385	0.2484	0.2013	0.4264
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.4797	0.1041	0.2850	0.3269	0.3767
yeastCYT-POX	0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 409: Detailed results for PPC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1422	0.0817	0.0963	0.0521	0.5205
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
adult	0.8511	0.1489	0.7808	0.5536	0.6102
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.7381	0.2619	0.4583	-0.0711	0.6026
AID_1431_KlekotaRothFingerprinter	0.5397	0.4603	0.5536	0.0546	0.4333
AID_1431_MACCSFingerprinter	0.7937	0.2063	0.5454	0.0824	0.6408
AID_1878	0.6857	0.3143	0.5006	0.0012	0.8315
AID_602330	0.8958	0.1042	0.4725	-0.0526	0.5632
AID_652128	0.7879	0.1414	0.3356	-0.0043	0.6123
AID1284Morered	0.4722	0.5278	0.5191	0.0229	0.5722
AID1284red	0.6111	0.3889	0.4517	-0.0815	0.6957
AID1608Morered	0.6117	0.3883	0.5168	0.0172	0.4098
AID1608red	0.8447	0.1553	0.6706	0.2695	0.5251
AID362red	0.9696	0.0304	0.4923	-0.0153	0.5317
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.5714	0.4286	0.6818	0.2222	0.4422
AID456red	0.0030	0.9970	0.0030	0.0000	0.0086
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	-0.5217	0.9495
AID644red	0.6000	0.4000	0.6094	0.2000	0.8294
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9967	0.0033	0.4992	-0.0006	0.3287
AID688red	0.9897	0.0103	0.4974	-0.0020	0.3811
AID721morered	0.2222	0.7778	0.3214	-0.1887	0.7422
AID721red	0.6667	0.3333	0.5950	0.1818	0.8134
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9938	0.0062	0.4984	-0.0003	0.1661
aids	0.8826	0.1174	0.8328	0.6574	0.5084
air_pollution	0.3667	0.1810	0.1584	0.0153	0.7122
alcohol	0.7905	0.0838	0.3791	0.4954	0.2505
alzheimers	0.8651	0.1349	0.8507	0.7004	0.5388
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	0.8649	0.1351	0.7597	0.3934	0.2846
anuran-f-b	0.9903	0.0097	0.6805	0.3588	0.5350
anuran-family	0.9611	0.0195	0.7109	0.9248	0.0924
anuran-genus	0.9499	0.0125	0.7775	0.9160	0.1272
anuran-species	0.9431	0.0114	0.8022	0.9200	0.0802
anxiety	0.1500	0.1889	0.1473	0.0417	0.7731
apple-quality	0.8575	0.1425	0.8579	0.7150	0.5401
aps-failure	0.9858	0.0142	0.7618	0.5023	0.4122
arrhythmia	0.2889	0.1422	0.1631	0.0323	0.6937
auction	0.9265	0.0735	0.8144	0.5965	0.3833
audiology	0.8636	0.0248	0.6701	0.8398	0.0404
audit-risk	0.9359	0.0641	0.9354	0.8624	0.2175
autism-adolescent	0.8182	0.1818	0.8136	0.5600	0.3750
autism-adult	0.9286	0.0714	0.9114	0.8223	0.3967
autism-child	0.6207	0.3793	0.6256	0.2459	0.8929
autos	0.8000	0.0800	0.8062	0.7377	0.1922
avila	0.5769	0.0705	0.3367	0.3773	0.3273

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
babies	0.4677	0.1521	0.1556	0.1620	0.4594
balance	0.9032	0.0645	0.6241	0.8176	0.1641
bank	0.9043	0.0957	0.7199	0.4174	0.5769
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8851	0.7606	0.4016
bio	0.9969	0.0031	0.9046	0.7892	0.0145
bio10%	0.9979	0.0021	0.9383	0.8685	0.0103
biodeg	0.8190	0.1810	0.8142	0.6254	0.6316
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6410	0.1795	0.6348	0.5214	0.4811
brain-tumor	0.5010	0.4990	0.5009	0.0019	0.9993
breast-cancer	0.6429	0.3571	0.6585	0.2857	0.7711
breast-cancer-co	1.0000	0.0000	1.0000	1.0000	0.0000
breast-tissue	0.6364	0.1212	0.5820	0.5600	0.1505
bridges	0.5000	0.1667	0.4643	0.3590	0.3238
bub10at310k-hg16-17	0.9092	0.0908	0.5960	0.0087	0.2414
bub12at310k-hg16-17	0.9091	0.0909	0.5866	0.0085	0.2479
bub8at310k-hg16-17	0.9094	0.0906	0.6055	0.0196	0.2615
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4530	0.3647	0.3113	-0.0116	0.5842
car	0.9425	0.0287	0.8946	0.8802	0.1959
car-insurance	0.8460	0.1540	0.8226	0.6450	0.6050
card	0.8261	0.1739	0.8216	0.6431	0.6189
cardiotocography	0.8169	0.0366	0.7159	0.7784	0.1663
cardiotocography-nsp	0.8967	0.0689	0.8101	0.6978	0.3333
cardiovascular	0.7001	0.2999	0.7002	0.4003	0.8204
cargo2k	0.9898	0.0068	0.9899	0.9848	0.0387
cars	0.6500	0.2333	0.5254	0.3743	0.6366
cas_N6512_rdkit_descriptors	0.7492	0.2508	0.7472	0.4939	0.7518
cas_N6512_rdkit_LAYERED	0.6446	0.3554	0.6453	0.2896	0.8819
cas_N6512_RDkit_Layered_FP	0.6580	0.3420	0.6562	0.3124	0.8719
cas_N6512_rdkit_MACCS	0.7619	0.2381	0.7599	0.5168	0.7246
cas_N6512_RDkit_MACCS_FP	0.7975	0.2025	0.7963	0.5925	0.6703
cas_N6512_RDkit_morgan_FP	0.6426	0.3574	0.6400	0.2799	0.8889
cas_N6512_rdkit_PATTERN	0.6754	0.3246	0.6764	0.3514	0.8469
cas_N6512_RDkit_pattern_FP	0.6902	0.3098	0.6904	0.3799	0.8309
cas_N6512_rdkit_RDKITFP	0.6390	0.3610	0.6369	0.2738	0.8923
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
cdc_diabetes	0.8507	0.0995	0.4272	0.1931	0.3050
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6995	0.3005	0.6665	0.3326	0.8387
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9614	0.0386	0.7574	0.5133	0.5384
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9261	0.0739	0.6018	0.2036	0.6409
census10%	0.9485	0.0515	0.7232	0.4175	0.4990
cervical-B	0.9419	0.0581	0.7589	0.5147	0.5542
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9535	0.0465	0.7962	0.5764	0.5664
cervical-S	0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia	0.7595	0.1202	0.6792	0.6289	0.2968
chrom19	0.9992	0.0008	0.7133	0.2196	0.0459
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.7049	0.3330	0.3034
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
chronic-kidney	0.8855	0.1145	0.5200	0.0378	0.7095
churn	0.8550	0.1450	0.7504	0.4739	0.5872
churn-bigml	0.8764	0.1236	0.7549	0.5098	0.6468
ci900367j_MACCS	0.6526	0.3474	0.6510	0.2963	0.8554
circles	0.4730	0.0105	0.4969	0.4677	0.1216
cirrhosis	0.6905	0.2063	0.4903	0.4241	0.6389
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8185	0.0907	0.5814	0.7059	0.2593
climate	0.8889	0.1111	0.4706	-0.0519	0.7116
cm1	0.9000	0.1000	0.6431	0.2424	0.5963
cmc	0.5374	0.3084	0.5107	0.2687	0.7158
cnae-9	0.8148	0.0412	0.8204	0.7917	0.1736
codon_usage	0.8580	0.0258	0.5688	0.8255	0.1662
coil20	0.5347	0.0465	0.5131	0.5105	0.2537
college	0.8831	0.1169	0.8507	0.7009	0.5266
collins	0.4000	0.0800	0.2651	0.3310	0.3507
colon-tumor	0.3333	0.6667	0.3750	-0.2000	0.9308
colposcopies-1	0.6207	0.3793	0.6328	0.2494	0.8405
colposcopies-2	0.6897	0.3103	0.7094	0.3944	0.7600
colposcopies-3	0.5517	0.4483	0.5556	0.1087	0.9445
colposcopies-4	0.6207	0.3793	0.5770	0.1493	0.8677
colposcopies-5	0.7241	0.2759	0.6445	0.2658	0.7266
colposcopies-6	0.6897	0.3103	0.6913	0.3741	0.8142
colposcopies-c	0.5862	0.4138	0.5288	0.0543	0.8522
column-2c	0.8710	0.1290	0.8634	0.7195	0.5250
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7380	0.2620	0.7380	0.4760	0.7682
coupon	0.7429	0.2571	0.7356	0.4687	0.7606
covtype10%	0.7360	0.0754	0.5405	0.5625	0.3139
covtypeCD	0.9786	0.0214	0.9536	0.9058	0.1655
covtypeT	0.9719	0.0281	0.8828	0.7556	0.2712
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9994	0.0006	0.9139	0.8258	0.2307
creditcard_trans10%	0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced	0.9069	0.0310	0.6837	0.8022	0.1942
cryotherapy	0.5556	0.4444	0.5791	0.1429	0.8961
cultivars	0.1875	0.0508	0.1034	0.1613	0.1800
customer-churn	0.9792	0.0208	0.5861	0.0352	0.2111
cybersecurity	0.1567	0.2811	0.1460	-0.0151	0.8782
cyclopentane	0.4815	0.5185	0.4916	-0.0161	0.9837
cylinder-bands	0.4074	0.5926	0.4005	-0.1983	1.0000
darwin	0.2778	0.7222	0.2764	-0.4444	1.0000
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dbworld	0.4286	0.5714	0.3000	0.0000	0.5288
default	0.8270	0.1730	0.7149	0.3937	0.6320
defect	0.9074	0.0926	0.8097	0.5931	0.4416
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9049	0.0951	0.7293	0.4304	0.5524
depressed	0.7762	0.2238	0.4731	-0.0443	0.8228
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.4553	0.2381	0.3542
df_final	0.1250	0.5833	0.0741	-0.1915	0.6159
DIA	0.7000	0.3000	0.5411	0.0769	0.8750
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-risk	0.8738	0.1262	0.7904	0.5611	0.5361
diabetic1%	0.4118	0.3922	0.3127	-0.0780	0.8144

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.8368	0.8350	0.1153
diamonds_all	0.6504	0.1399	0.5390	0.4860	0.4029
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-stanford	0.6000	0.4000	0.5833	0.1667	0.9308
dota2	0.5977	0.4023	0.5950	0.1893	0.9304
dota210%	0.5485	0.4515	0.5462	0.0924	0.9698
dropout	0.7494	0.1670	0.6591	0.5760	0.4843
drug-01	0.4255	0.1641	0.2030	0.1103	0.4533
drug-02	0.5213	0.1368	0.2054	0.1581	0.4635
drug-03	0.6809	0.1064	0.2036	0.1210	0.3960
drug-04	0.5372	0.1322	0.2050	0.1599	0.4215
drug-05	0.7287	0.0775	0.1601	0.0299	0.3478
drug-06	0.4149	0.1672	0.2184	0.2514	0.5335
drug-07	0.4149	0.1950	0.1514	0.0236	0.4582
drug-08	0.5532	0.1277	0.2189	0.1645	0.4388
drug-09	0.8723	0.0426	0.2287	0.0699	0.1127
drug-10	0.5479	0.1292	0.1666	0.1506	0.4393
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7872	0.0709	0.1468	-0.0070	0.2425
drug-13	0.6117	0.1109	0.1728	0.2485	0.3493
drug-14	0.5638	0.1246	0.2073	0.2071	0.4773
drug-15	0.7500	0.0714	0.1548	0.0820	0.3632
drug-16	0.5904	0.1365	0.3004	0.3117	0.4735
drug-17	0.3404	0.1885	0.1726	0.0792	0.4934
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7500	0.0714	0.1456	0.0160	0.3497
drybean	0.9229	0.0220	0.9370	0.9067	0.1208
ecoli	0.8529	0.0490	0.7174	0.7942	0.1536
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3000	0.3500	0.3002	0.0659	0.8149
eeg	0.3625	0.0797	0.2641	0.2856	0.5274
eeg-eye	0.7944	0.2056	0.7915	0.5808	0.6706
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5616	0.1753	0.5523	0.4322	0.4854
euthyroid	0.9589	0.0411	0.8733	0.7238	0.2268
exon.vs.intron-freq	0.9601	0.0399	0.9604	0.9202	0.2202
exon.vs.intron-freq10%	0.9573	0.0427	0.9576	0.9146	0.2327
fakenews	0.4575	0.5425	0.4573	-0.0854	1.0000
fbis-wc	0.0163	0.1157	0.0019	0.0000	0.3803
fertility	0.6000	0.4000	0.3750	-0.1765	0.5613
finance	0.8235	0.1765	0.8221	0.6394	0.6034
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2500	0.2143	0.1749	0.1176	0.4765
forest	0.8654	0.0673	0.8502	0.8126	0.1702
gas	0.9734	0.0089	0.9719	0.9677	0.0615
gastrointestinal	0.2500	0.5000	0.2281	-0.1294	0.8168
gender	0.6042	0.2639	0.3837	0.1543	0.5597
gene	0.8959	0.0694	0.8883	0.8337	0.2877
german	0.6400	0.3600	0.5890	0.1762	0.9067
gestures	0.6764	0.1618	0.6977	0.5687	0.4235
gina	0.7176	0.2824	0.7175	0.4349	0.7977
glass	0.6667	0.1111	0.5730	0.5333	0.2184
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassBWNFP	0.7143	0.2857	0.6786	0.3571	0.8215
glassContainers	0.9091	0.0909	0.7250	0.4500	0.6330
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP	0.9524	0.0476	0.8478	0.6441	0.5283
GlaucomaM	0.8421	0.1579	0.8427	0.6816	0.5635
glioma	0.0000	0.6667	0.0000	-0.6667	0.6023
glioma-grade	0.8095	0.1905	0.8028	0.6049	0.6503
green	0.4000	0.6000	0.4762	-0.0345	0.8322
grub-damage	0.5333	0.2333	0.5993	0.3598	0.3829
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.9552	0.0075	0.6567	0.9468	0.0436
har	0.8313	0.0675	0.8291	0.7861	0.2872
har70	0.7747	0.0644	0.4459	0.6360	0.1613
har701%	0.7765	0.0638	0.4421	0.6421	0.1782
har7010%	0.7721	0.0651	0.4420	0.6307	0.1554
harth	0.6726	0.0546	0.2770	0.5252	0.2289
harth1%	0.6692	0.0551	0.2762	0.5202	0.2356
harth10%	0.6727	0.0546	0.2795	0.5254	0.2295
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7500	0.1250	0.2567	0.0204	0.3491
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8065	0.1935	0.8046	0.6092	0.6543
heart-c	0.6333	0.3667	0.6380	0.2396	0.8113
heart-failure	0.9180	0.0820	0.9039	0.8073	0.3992
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.6667	0.3333	0.7359	0.3590	0.5170
hepmass1%	0.8540	0.1460	0.8542	0.7081	0.5501
hepmass10%	0.8538	0.1462	0.8540	0.7077	0.5506
hERG-121inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-64inputs	0.7143	0.2857	0.7742	0.4615	0.5283
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6827	0.3173	0.6807	0.3569	0.8343
higgs1%	0.6777	0.3223	0.6757	0.3455	0.8372
higgs10%	0.6836	0.3164	0.6820	0.3587	0.8314
higher	0.2857	0.1786	0.2143	0.1463	0.3443
hinselmann	0.5000	0.5000	0.5000	0.0000	0.7460
hitters	0.6562	0.3438	0.6536	0.3016	0.8626
hiv1-proteasa	0.8954	0.1046	0.8056	0.6085	0.5586
hiva	0.9125	0.0875	0.5296	0.0551	0.5484
horse	0.5278	0.3148	0.4789	0.2000	0.6913
hotel-reservartions	0.8456	0.1544	0.8199	0.6348	0.5793
hr	0.7649	0.2351	0.4970	-0.0060	0.7900
ht-sensor	0.7198	0.1868	0.7235	0.5801	0.5187
ht-sensor10%	0.6998	0.2001	0.7038	0.5504	0.5423
htru2	0.9782	0.0218	0.9315	0.8586	0.1794
hypothyroid	0.9469	0.0265	0.5697	0.6288	0.2279
hypothyroidT	0.9523	0.0477	0.8052	0.5683	0.3260
ilpd	0.6610	0.3390	0.5403	0.0767	0.9032
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.9473	0.0263	0.9484	0.9298	0.0991
ionosphere	0.8000	0.2000	0.7559	0.4990	0.6704
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.4531	0.0421	0.4102	0.4313	0.2412
jm1	0.8200	0.1800	0.6420	0.1699	0.5433
jvowels	0.9398	0.0134	0.9384	0.9317	0.0812

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1	0.8720	0.1280	0.7092	0.3454	0.5134
kc1-class-level-defectiveornot	0.3333	0.6667	0.3363	-0.3158	1.0000
kc1-class-level-numericdefect	0.6154	0.1538	0.2878	0.2935	0.3760
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7500	0.2500	0.6126	0.2248	0.8173
kddcup981%	0.2526	0.7474	0.5669	0.0274	0.1666
kddcup991%	0.0020	0.1535	0.0003	0.0000	0.2182
kepler	0.8724	0.0851	0.8284	0.7893	0.2220
kidney	0.7984	0.0806	0.1778	0.0046	0.1991
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.3512	0.0721	0.1745	0.2579	0.4526
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
labor	0.6667	0.3333	0.6250	0.2500	0.8750
leaf	0.5294	0.0409	0.4510	0.5055	0.1224
led24	0.6000	0.0889	0.6609	0.5518	0.1951
lenses	0.3333	0.4444	0.2222	0.0000	0.3451
letter	0.3875	0.0471	0.3201	0.3620	0.3346
libra	0.4167	0.0778	0.3489	0.3742	0.2208
linkage	1.0000	0.0000	0.9978	0.9957	0.0003
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7353	0.2647	0.7051	0.4093	0.7890
loan	0.9742	0.0258	0.9726	0.9451	0.1664
localization	0.3950	0.1100	0.1141	0.1388	0.3986
localization10%	0.4812	0.0943	0.1480	0.2943	0.3899
lrs	0.6604	0.0970	0.3946	0.5431	0.3485
lung	0.2857	0.2857	0.1043	-0.0825	0.5344
lung_discrete	0.5000	0.2000	0.3429	0.3600	0.2269
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.7833	0.4717	0.3897
lymphoma2	0.5556	0.1481	0.5385	0.4545	0.2474
machine-failure	0.9149	0.0851	0.9152	0.8273	0.3841
madelon	0.5154	0.4846	0.5155	0.0308	0.9896
magic04	0.8601	0.1399	0.8439	0.6778	0.5119
malware	0.9730	0.0270	0.9554	0.9068	0.0972
mammography	0.8229	0.1771	0.8221	0.6440	0.6197
marketing	0.8750	0.1250	0.7212	0.4312	0.6355
maternal	0.6238	0.2508	0.6216	0.4218	0.5522
math	0.7000	0.1500	0.6118	0.5156	0.3772
mba	0.8145	0.1237	0.3655	0.0746	0.3940
mental-disorders	0.6667	0.1667	0.6789	0.5556	0.3159
mental-health	0.2133	0.3147	0.2126	0.0162	0.8589
messidor	0.7217	0.2783	0.7184	0.4364	0.7933
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	0.8889	0.0741	0.9106	0.8235	0.1370
meter-C	0.7778	0.1111	0.6206	0.6828	0.2402
meter-D	0.5000	0.2500	0.4546	0.2895	0.4015
mfeat-fac	0.9700	0.0060	0.9704	0.9667	0.0332
mfeat-fou	0.8050	0.0390	0.8097	0.7833	0.1594
mfeat-kar	0.9550	0.0090	0.9559	0.9500	0.0542
mfeat-mor	0.7400	0.0520	0.7257	0.7111	0.1596
mfeat-pix	0.9350	0.0130	0.9374	0.9278	0.0810
mfeat-zer	0.8350	0.0330	0.8419	0.8167	0.1337
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9434	0.0377	0.9337	0.9131	0.1271
mines	0.5000	0.2000	0.4236	0.3731	0.3544

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mobile	0.2692	0.0261	0.2315	0.2558	0.2555
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.7377	0.2623	0.7034	0.4056	0.7899
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4844	0.0937	0.4439	0.3703	0.5009
musk	0.9939	0.0061	0.9884	0.9764	0.0290
MUT_ci300400a_cdk_ECFP4	0.7126	0.2874	0.7054	0.4107	0.8085
MUT_ci300400a_cdk_ECFP6	0.6922	0.3078	0.6857	0.3712	0.8332
MUT_ci300400a_cdk_EXTENDED	0.7410	0.2590	0.7388	0.4756	0.7611
MUT_ci300400a_cdk_FCFP2	0.7952	0.2048	0.7882	0.5758	0.6785
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.7110	0.2890	0.7060	0.4113	0.8076
MUT_ci300400a_cdk_MACCS	0.7854	0.2146	0.7776	0.5541	0.6949
MUT_ci300400a_cdk_STANDARD	0.7569	0.2431	0.7491	0.4981	0.7452
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.8235	0.0441	0.3215	0.3125	0.4497
naticusdroid	0.9662	0.0338	0.9663	0.9325	0.1969
NCI60	0.1667	0.2778	0.1667	0.0000	0.2823
ncRNA1%	0.8778	0.0129	0.2346	0.6243	0.1623
ncRNA10%	0.8763	0.0130	0.2406	0.6194	0.1676
neo	0.9066	0.0934	0.6396	0.1295	0.3876
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6579	0.3421	0.6553	0.3097	0.8712
NHANES_age_prediction	0.9604	0.0396	0.9234	0.8347	0.1252
nomao	0.9605	0.0395	0.9513	0.9026	0.2436
NPHA-doctor-visits	0.5278	0.3148	0.4796	0.1159	0.5785
nursery	0.9630	0.0185	0.8920	0.9455	0.0878
obesity	0.8057	0.0555	0.8019	0.7732	0.2115
obs	0.9630	0.0185	0.9660	0.9451	0.0883
occupancy	0.9878	0.0122	0.9833	0.9663	0.1347
Occupancy_Estimation	0.9931	0.0035	0.9779	0.9788	0.0161
oh15-wc	0.0761	0.1848	0.0141	0.0000	0.3996
olive	0.9298	0.0156	0.8998	0.9130	0.0393
opn310k	0.9079	0.0921	0.4759	-0.0023	0.2880
opn310k10%	0.8913	0.1087	0.4971	-0.0038	0.6640
opnat310k-hg16-17	0.9081	0.0919	0.5264	0.0034	0.2874
optdigits	0.9377	0.0125	0.9401	0.9308	0.0857
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0750	0.0462	0.0514	0.0513	0.2726
ozone1hr	0.9526	0.0474	0.6144	0.2259	0.6120
ozone8hr	0.8854	0.1146	0.5314	0.0614	0.7032
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7577	0.2423	0.7333	0.4662	0.7569
P-Glycoprotein_c_RDkit_AtomPair_FP	0.6032	0.3968	0.6174	0.2205	0.8788
page-blocks	0.9671	0.0132	0.6811	0.7862	0.0414
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.8720	0.1280	0.8627	0.7235	0.5090
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.9320	0.0680	0.9153	0.8306	0.3693
particle10%	0.9277	0.0723	0.9106	0.8213	0.3893
pasture	0.2500	0.5000	0.1667	-0.2000	0.5000
pc1	0.9189	0.0811	0.6396	0.2671	0.6352
pcmac	0.5155	0.4845	0.5157	0.0309	0.9746
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.3684	0.6316	0.4432	-0.0787	0.7889
pendigits	0.9236	0.0153	0.9230	0.9150	0.0973

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
period	0.2222	0.7778	0.2500	-0.4000	0.9533
period-10f	0.3333	0.6667	0.4044	-0.1250	0.8750
persistency	0.7609	0.2391	0.7397	0.4761	0.7415
pet-adoption	0.9200	0.0800	0.9088	0.8119	0.3381
phishing	0.9714	0.0286	0.9700	0.9399	0.1774
PhiUSIIL10%	0.9966	0.0034	0.9965	0.9931	0.0317
phone-acc0.1%	0.1072	0.2551	0.0735	-0.0421	0.6774
phone-acc1%	0.7051	0.0843	0.6525	0.6538	0.2344
phone-gyr0.1%	0.1371	0.2465	0.0345	0.0000	0.4035
phone-gyr1%	0.5580	0.1263	0.5307	0.4814	0.3629
phoneme	0.8278	0.1722	0.7851	0.5700	0.6562
phy	0.7172	0.2828	0.7172	0.4343	0.7980
pima	0.7368	0.2632	0.7191	0.4081	0.7142
pirvision	0.9811	0.0126	0.9662	0.9389	0.0883
placement	0.8010	0.1990	0.7942	0.5871	0.6644
plant-growth	0.4211	0.5789	0.4222	-0.1547	1.0000
plrx	0.3889	0.6111	0.2800	-0.4348	0.9414
poker	0.5452	0.1011	0.1226	0.1233	0.2660
poker1%	0.5278	0.1349	0.1534	0.1028	0.3154
poker10%	0.5426	0.1143	0.1373	0.1198	0.2825
polish-1st	0.9573	0.0427	0.4891	-0.0077	0.4435
polish-2nd	0.9587	0.0413	0.4895	-0.0038	0.3224
polish-3rd	0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th	0.9398	0.0602	0.5386	0.0458	0.5393
polish-5th	0.9391	0.0609	0.6994	0.3323	0.4539
polya	0.7254	0.2746	0.6953	0.3894	0.8038
popularity	0.6653	0.2231	0.4169	0.2231	0.4666
post-operative	0.3333	0.6667	0.2500	-0.5000	1.0000
postures	0.8877	0.0449	0.8882	0.8595	0.2010
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0839	0.3511	0.3825	0.2905
processed	0.9927	0.0073	0.9917	0.9833	0.0508
profb	0.5821	0.4179	0.5582	0.1143	0.9132
promoters	0.4000	0.6000	0.4477	-0.0714	0.9013
puc-rio	0.8089	0.0764	0.7569	0.7396	0.2734
puc-rio10%	0.8884	0.0447	0.8246	0.8484	0.1809
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5029	0.4971	0.5029	0.0058	0.9983
pufs-6410%	0.5032	0.4968	0.5032	0.0063	0.9982
pulsar	0.9785	0.0215	0.9329	0.8616	0.1743
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
rice	0.9868	0.0132	0.9867	0.9733	0.0892
rocket	0.6560	0.3440	0.6393	0.2779	0.8799
satimage	0.8367	0.0544	0.7898	0.7962	0.1932
satimageF	0.9891	0.0109	0.9718	0.9435	0.1479
satimageT	0.9098	0.0902	0.6853	0.2138	0.3433
scadi	0.0000	0.4000	0.0000	-0.2250	0.5136
schiller	0.6667	0.3333	0.7404	0.3721	0.5239
schizo	0.4706	0.5294	0.4697	-0.0588	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.7821	0.2179	0.5693	0.1028	0.5120
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9262	0.9038	0.0869
segmentation	0.7970	0.2030	0.7795	0.5590	0.6890
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-10-gram	0.8084	0.1916	0.5540	0.1071	0.7765
sens-2-gram	0.6395	0.3605	0.4833	-0.0280	0.6811
sens-3-gram	0.7447	0.2553	0.5268	0.0520	0.7474
sens-4-gram	0.7079	0.2921	0.5283	0.0517	0.7149
sens-5-gram	0.7132	0.2868	0.5571	0.1027	0.7029
sens-6-gram	0.7368	0.2632	0.5825	0.1510	0.7071
sens-7-gram	0.7632	0.2368	0.5225	0.0447	0.7646
sens-8-gram	0.7158	0.2842	0.4515	-0.0950	0.7550
sens-9-gram	0.8053	0.1947	0.5513	0.1022	0.7744
sensorless	0.8243	0.0319	0.8337	0.8067	0.1415
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8946	0.1054	0.7712	0.5165	0.5195
shuttle	0.9753	0.0070	0.4149	0.9281	0.0339
sick	0.9576	0.0424	0.8023	0.5791	0.3855
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9703	0.0297	0.9577	0.9133	0.2631
skin10%	0.9677	0.0323	0.9539	0.9058	0.2760
smarket	0.9600	0.0400	0.9601	0.9200	0.2250
smart-farming	0.3000	0.3500	0.2929	0.0682	0.7888
smoking	0.7614	0.2386	0.7476	0.4944	0.7425
soil_pollution	0.2000	0.3200	0.2002	-0.0014	0.8638
solar-flare	0.7554	0.0815	0.6981	0.6855	0.1853
sonar	0.5000	0.5000	0.5000	0.0000	1.0000
soybean	0.7647	0.0248	0.4659	0.7390	0.0882
spam-detection	0.9500	0.0500	0.8376	0.6683	0.4245
spambase	0.9130	0.0870	0.9087	0.8161	0.3887
spect	0.6296	0.3704	0.5218	0.0426	0.8561
spectf	0.7714	0.2286	0.7380	0.4717	0.7358
spectrometer	0.1346	0.0641	0.0267	0.0711	0.3442
splice-EI	0.9527	0.0473	0.9407	0.8791	0.3179
splice-IE	0.8833	0.1167	0.8408	0.6813	0.5542
sport-articles	0.7500	0.2500	0.7238	0.4420	0.7566
squash-stored	0.4000	0.4000	0.4706	0.1667	0.3335
squash-unstored	0.4000	0.6000	0.4167	-0.1538	0.9932
startup	0.9785	0.0215	0.9773	0.9537	0.1496
steel_industry	0.7999	0.1334	0.7555	0.6752	0.3876
steel-b	0.8410	0.1590	0.7465	0.4893	0.6674
steel-d	0.9641	0.0359	0.6738	0.3453	0.5805
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8154	0.1846	0.7924	0.5821	0.6493
steel-p	0.9282	0.0718	0.7091	0.3829	0.5270
steel-s	0.5641	0.4359	0.5513	0.0326	0.2506
steel-z	0.9538	0.0462	0.8788	0.7549	0.4647
stellar	0.9242	0.0505	0.9160	0.8639	0.2183
stock	0.8611	0.1389	0.7653	0.5306	0.6507
stockb	0.9692	0.0206	0.9704	0.9538	0.0665
streaming	0.9360	0.0640	0.9352	0.8704	0.3175
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6300	0.1480	0.3506	0.3982	0.4282
student-habits	0.2800	0.2880	0.2007	-0.1213	0.5540
student-weekend	0.3692	0.2523	0.3113	0.1373	0.6927
student-workday	0.6562	0.1375	0.2724	0.1903	0.4912
studentap	0.2308	0.5128	0.2131	-0.1207	0.7358
susy	0.7979	0.2021	0.7979	0.5871	0.6423
susy1%	0.8046	0.1954	0.8042	0.6015	0.6352
susy10%	0.7994	0.2006	0.7992	0.5906	0.6424

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tae	0.4000	0.4000	0.4727	0.1000	0.6236
telco-churn	0.9432	0.0568	0.9261	0.8513	0.3140
texture	0.8855	0.0208	0.8757	0.8742	0.0378
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7872	0.2128	0.5804	0.1607	0.7805
Thyroid_Diff	0.8947	0.1053	0.8683	0.7295	0.4423
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8070	0.1930	0.7389	0.4778	0.7147
tis10%	0.5075	0.4925	0.4999	-0.0002	0.8322
titanic	0.8136	0.1864	0.7881	0.5021	0.4299
tourist	0.3750	0.2500	0.2727	0.2000	0.3572
toxicity	0.7059	0.2941	0.6913	0.3796	0.8113
toxicity-13f	0.5294	0.4706	0.4848	-0.0303	0.9755
trains	0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion	0.7200	0.2800	0.5416	0.0741	0.8524
trec23-wc	0.0476	0.3175	0.0152	0.0000	0.3614
tuandromd	0.9753	0.0247	0.9613	0.9225	0.1889
turkish	0.6750	0.1625	0.6860	0.5667	0.4764
tvnews1%	0.7462	0.2538	0.7313	0.4620	0.7662
tvnews10%	0.8928	0.1072	0.8841	0.7680	0.4648
ur3_cobotops_grip	0.9646	0.0354	0.4910	-0.0050	0.3829
ur3_cobotops_stop	0.9633	0.0367	0.6066	0.0642	0.2720
urban	0.6567	0.0763	0.5651	0.5959	0.3028
urinalysis	0.8881	0.1119	0.5739	0.1424	0.6234
vehicle	0.7857	0.1071	0.7592	0.7125	0.1588
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.5000	0.5000	0.5625	0.1000	0.8250
vote	0.8837	0.1163	0.8842	0.7676	0.4739
vowel	0.5455	0.0826	0.5223	0.5000	0.2092
vowelZ	0.9192	0.0808	0.7074	0.3889	0.5621
vrnormat310k-hg16-17	0.9269	0.0731	0.7315	0.4148	0.4730
warpar10p	0.0769	0.1846	0.0286	0.0000	0.3139
warppie10p	0.0952	0.1810	0.0400	0.0000	0.4216
watch-acc1%	0.4660	0.1526	0.4599	0.3713	0.5129
watch-acc10%	0.6994	0.0859	0.6812	0.6476	0.2846
watch-gyr1%	0.1968	0.2295	0.2089	0.0668	0.6633
watch-gyr10%	0.7073	0.0836	0.6884	0.6578	0.2687
water_pollution	0.2700	0.3650	0.2762	0.0275	0.8417
waveform	0.8300	0.1133	0.8304	0.7450	0.3821
weather-related	0.9173	0.0150	0.9048	0.9061	0.0703
web-phishing	0.8370	0.1086	0.6716	0.7049	0.4426
Weekly	0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift	0.9585	0.0166	0.9556	0.9474	0.0782
white-clover	0.6667	0.3333	0.6250	0.2500	0.8750
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9772	0.0228	0.8667	0.7202	0.2776
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6352	0.1216	0.3010	0.4036	0.3831
winequality-white	0.5194	0.1602	0.2952	0.2432	0.4995
winnipeg10%	0.9893	0.0031	0.9794	0.9864	0.0230
wisc_bc	0.8772	0.1228	0.8670	0.7335	0.5056
yale	0.0000	0.1333	0.0000	-0.0667	0.3709
yeast	0.5405	0.1021	0.4129	0.4034	0.3825
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
zip	0.9183	0.0163	0.9105	0.9083	0.1139

Table 410: Detailed results for PPforest

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.8301	0.1699	0.4536	-0.0139	0.0910
abalone9-18	0.8493	0.1507	0.7503	0.3662	0.4565
accelerometer	0.7371	0.2629	0.6371	0.0753	0.1667
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.8490	0.1510	0.5019	0.0029	0.4633
AID_652128	0.7172	0.1886	0.3112	-0.0244	0.6025
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.7947	0.2053	0.6185	0.0199	0.0475
AID604AID644_AllRed	0.9045	0.0955	0.4749	-0.0020	0.0208
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.9746	0.0254	0.6000	0.0221	0.0514
AID687red	0.8654	0.1346	0.5168	0.0030	0.0505
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.9470	0.0530	0.5634	0.0105	0.0395
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8404	0.1596	0.7896	0.5785	0.6489
air_pollution	0.1000	0.2571	0.1420	-0.0073	0.8163
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8542	0.1457	0.8521	0.7041	0.5548
alcohol	0.7810	0.0876	0.4009	0.5410	0.4627
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8394	0.6749	0.5795
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.8971	0.1029	0.6861	0.1260	0.1866
anuran-family	0.9110	0.0445	0.8576	0.8344	0.3328
anuran-genus	0.9318	0.0170	0.8586	0.8887	0.2121
anuran-species	0.9472	0.0106	0.8981	0.9260	0.0836
anxiety	0.1000	0.2000	0.0838	-0.0168	0.7567
apple-quality	0.6750	0.3250	0.6756	0.3500	0.8491
aps-failure	0.9886	0.0114	0.8436	0.6868	0.4566
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.7304	0.2696	0.7003	0.3159	0.5741
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.3943	0.1009	0.3859	0.2825	0.7533
babies	0.1855	0.2327	0.2611	0.0614	0.6225
balance	0.7258	0.1828	0.6663	0.5701	0.3928
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.8978	0.1022	0.8991	0.7951	0.4295
bankruptcy	0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.4975	0.5025	0.4993	-0.0003	0.6737
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.3810	0.6190	0.2759	0.0000	0.5189
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0761	0.2640	0.2189	0.0066	0.0631
bitcoin10%	0.0609	0.1707	0.1631	0.0066	0.0688
body-perf	0.5806	0.2097	0.5762	0.4408	0.5006
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5120	0.4880	0.5120	0.0240	0.9931
breast-cancer	0.2857	0.7143	0.2222	0.0000	0.4711
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.2750	0.4833	0.3308	-0.0087	0.7562
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.8060	0.1940	0.7872	0.5699	0.6714
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.7700	0.0460	0.7563	0.7305	0.3084
cardiotocography-nsp	0.8545	0.0970	0.7885	0.6680	0.4732
cardiovascular	0.6531	0.3469	0.6533	0.3062	0.8755
cargo2k	0.3477	0.4349	0.2250	0.0061	0.3443
cars	0.7000	0.2000	0.6111	0.4850	0.5534
cas_N6512_cdk_ECFP2	0.4823	0.5177	0.5252	0.0255	0.7798
cas_N6512_rdkit_ATOMPAIR	0.7231	0.2769	0.7226	0.4447	0.7892
cas_N6512_RDkit_AtomPair_FP	0.7255	0.2745	0.7280	0.4527	0.7771
cas_N6512_rdkit_AVALON	0.7773	0.2227	0.7774	0.5538	0.7035
cas_N6512_RDkit_Avalon_FP	0.7991	0.2009	0.8007	0.5987	0.6587
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.5084	0.4916	0.5451	0.0639	0.8446
cas_N6512_RDkit_Featmorgan_FP	0.4877	0.5123	0.5256	0.0304	0.8168
cas_N6512_RDkit_FP	0.7531	0.2469	0.7528	0.5050	0.7444
cas_N6512_rdkit_LAYERED	0.4846	0.5154	0.4958	-0.0079	0.9754
cas_N6512_RDkit_Layered_FP	0.4647	0.5353	0.4742	-0.0484	0.9905
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.7815	0.2185	0.7814	0.5621	0.6969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.7791	0.2209	0.7798	0.5582	0.6984
cas_N6512_rdkit_PATTERN	0.4600	0.5400	0.3151	-0.0031	0.5548
cas_N6512_RDkit_pattern_FP	0.4601	0.5399	0.3151	-0.0031	0.5548
cas_N6512_rdkit_RDKITFP	0.7573	0.2427	0.7568	0.5132	0.7383
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.7412	0.1726	0.4628	0.2948	0.5923
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8342	0.1658	0.8262	0.6485	0.6062
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.7500	0.4000	0.5283
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9671	0.0329	0.6703	0.0508	0.0754
chrom191%	0.9547	0.0453	0.6725	0.0472	0.0695
chrom1910%	0.9699	0.0301	0.6706	0.0603	0.0899
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.8193	0.1807	0.6793	0.2944	0.5657
churn	0.6960	0.3040	0.6584	0.2874	0.7331
churn-bigml	0.8427	0.1573	0.7611	0.4976	0.6431
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.6340	0.0073	0.6450	0.6303	0.0991
cirrhosis	0.3810	0.4127	0.1839	0.0000	0.3169
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.0500	0.4750	0.0946	-0.2367	0.4823
climate	0.8889	0.1111	0.8024	0.5207	0.5239
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.8200	0.1800	0.5411	0.0816	0.7182
cmc	0.4626	0.3583	0.4651	0.1959	0.7541
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8173	0.0332	0.7098	0.7788	0.2616
coil20	0.8403	0.0160	0.8338	0.8318	0.0848
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	0.0600	0.1253	0.0075	0.0000	0.3924
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6897	0.3103	0.6650	0.3290	0.8399
colposcopies-2	0.6552	0.3448	0.6338	0.2677	0.8814
colposcopies-3	0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4	0.5517	0.4483	0.4972	-0.0053	0.9054
colposcopies-5	0.8276	0.1724	0.7217	0.4402	0.7050
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.7586	0.2414	0.6545	0.3072	0.7986
column-2c	0.8387	0.1613	0.8362	0.6578	0.5744
column-3c	0.8065	0.1290	0.8023	0.6890	0.3527
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7788	0.2212	0.7801	0.5580	0.6962
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3219	0.1937	0.2242	0.1021	0.6692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.5500	0.2250	0.5911	0.4000	0.2787
creditcard_trans	0.9994	0.0006	0.9045	0.8082	0.2814
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8221	0.0593	0.6977	0.6746	0.4159
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.3438	0.0328	0.2231	0.3226	0.1428
customer-churn	0.7924	0.2076	0.6503	0.1115	0.2238
cybersecurity	0.1667	0.2778	0.1753	-0.0027	0.8260
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.6667	0.3333	0.6866	0.3333	0.7578
datatrieve	0.6923	0.3077	0.6977	0.2353	0.3900
dating	0.0982	0.1804	0.0971	-0.0021	0.8505
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7190	0.2810	0.6605	0.3077	0.7711
defect	0.7716	0.2284	0.7265	0.4031	0.6427
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8708	0.1292	0.7216	0.4384	0.6676
depressed	0.6294	0.3706	0.5994	0.1613	0.6847
dermatology	0.1622	0.2793	0.0571	-0.0186	0.4030
desharnais	0.3750	0.4167	0.3158	0.0244	0.6574
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.3846	0.6154	0.2778	0.0000	0.5200
diabetes-100k	0.9140	0.0860	0.7916	0.5617	0.5918
diabetes-risk	0.7851	0.2149	0.7530	0.4746	0.6658
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.3468	0.4355	0.3376	0.0029	0.7488
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.5260	0.1896	0.4168	0.3381	0.6123
dishonest	0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.5000	0.5000	0.3333	-0.3333	0.9308
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5223	0.4777	0.5218	0.0437	0.9858
drebin	0.9641	0.0359	0.9615	0.9229	0.2177
dropout	0.7585	0.1610	0.6943	0.6089	0.4787
drug-01	0.2340	0.2188	0.2599	0.0865	0.7863
drug-02	0.4202	0.1657	0.3328	0.2333	0.7109
drug-03	0.4202	0.1657	0.1976	0.1356	0.6211
drug-04	0.3989	0.1717	0.3065	0.1939	0.7082
drug-05	0.2553	0.2128	0.2334	0.0330	0.6019
drug-06	0.3564	0.1839	0.3220	0.2354	0.6229
drug-07	0.2021	0.2280	0.1389	0.0256	0.7295
drug-08	0.4096	0.1687	0.1969	0.1365	0.8571
drug-09	0.6596	0.0973	0.1717	0.1208	0.6434
drug-10	0.4202	0.1657	0.2593	0.1630	0.7828
drug-11	0.6277	0.1064	0.1895	0.1439	0.7116

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-12	0.5266	0.1353	0.2406	0.1378	0.6488
drug-13	0.4840	0.1474	0.2024	0.2039	0.7065
drug-14	0.5372	0.1322	0.3601	0.2928	0.6809
drug-15	0.4415	0.1596	0.1407	0.0569	0.7717
drug-16	0.5053	0.1413	0.2823	0.2878	0.6243
drug-17	0.2766	0.2067	0.2578	0.1204	0.7696
drug-18	0.9202	0.0798	0.4792	-0.0100	0.1164
drug-19	0.4521	0.1565	0.1817	0.1341	0.7220
drybean	0.9118	0.0252	0.9260	0.8932	0.1360
ecoli	0.8235	0.0441	0.5434	0.7551	0.1271
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7791	0.5237	0.6384
ecoliMU	0.7576	0.2424	0.6474	0.2281	0.5602
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2700	0.3650	0.2705	0.0277	0.8412
eeg	0.2533	0.0933	0.3116	0.2032	0.6858
eeg-eye	0.5781	0.4219	0.5781	0.1555	0.9419
eeg10%	0.1861	0.1017	0.2692	0.1495	0.5816
email_phishing	0.7130	0.2870	0.5221	0.0078	0.1230
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq	0.8788	0.1212	0.8824	0.7586	0.4636
exon.vs.intron-freq10%	0.8740	0.1260	0.8771	0.7489	0.4812
fakenews	0.5350	0.4650	0.5352	0.0703	0.9782
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.2846	0.0842	0.1451	0.2050	0.4085
fertility	0.4000	0.6000	0.2857	-0.2000	0.4911
finance	0.8824	0.1176	0.8844	0.7587	0.4271
financial-risk	0.6805	0.1065	0.5977	0.5066	0.3857
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
forest	0.9038	0.0481	0.8722	0.8669	0.1441
gas	0.9784	0.0072	0.9793	0.9738	0.0499
gastrointestinal	0.1875	0.5417	0.1053	0.0000	0.4117
gender	0.4674	0.3551	0.4582	0.1541	0.7063
gene	0.8927	0.0715	0.8857	0.8310	0.2720
german	0.3500	0.6500	0.2593	0.0000	0.5077
gestures	0.3236	0.3382	0.3248	0.0986	0.7345
gina	0.8905	0.1095	0.8908	0.7807	0.4545
glass	0.5714	0.1429	0.5044	0.4392	0.3731
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.7619	0.2381	0.8077	0.5494	0.4929
glassBWNFP	0.6190	0.3810	0.6734	0.2941	0.7328
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.7727	0.2273	0.7019	0.2254	0.3467
glassVWFP	0.6190	0.3810	0.6557	0.1250	0.2575
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.6000	0.2000	0.3947	0.4118	0.1078
glioma-grade	0.4167	0.5833	0.2941	0.0000	0.5271
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.6591	0.3182	0.8145
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.6758	0.1297	0.6738	0.5894	0.4697

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.4990	0.1431	0.4752	0.3979	0.3946
har701%	0.5655	0.1241	0.4393	0.4480	0.4094
har7010%	0.5011	0.1425	0.4747	0.3974	0.3960
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.5790	0.0702	0.2707	0.4270	0.4504
harth10%	0.5722	0.0713	0.2641	0.4154	0.4574
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.2900	0.3550	0.3761	0.0660	0.5386
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.4667	0.5333	0.3182	0.0000	0.5307
heart-failure	0.7920	0.2080	0.7751	0.5440	0.6894
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8000	0.2000	0.8077	0.5455	0.5283
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8270	0.1730	0.8273	0.6537	0.6078
hepmass10%	0.8236	0.1764	0.8241	0.6470	0.6134
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6318	0.3682	0.6305	0.2611	0.8992
higgs1%	0.6213	0.3787	0.6185	0.2366	0.9096
higgs10%	0.6255	0.3745	0.6230	0.2455	0.9054
higher	0.2143	0.1964	0.1529	0.0667	0.3525
hinselmann	0.4000	0.6000	0.2857	-0.3636	0.7910
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8954	0.1046	0.8410	0.6714	0.5595
hiva	0.9622	0.0378	0.4904	-0.0045	0.3546
horse	0.3056	0.4630	0.2848	0.0769	0.5607
hotel-reservartions	0.7814	0.2186	0.7731	0.5362	0.6907
hr	0.6737	0.3263	0.5071	0.0127	0.7128
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5103	0.3264	0.5223	0.2745	0.6710
htru2	0.9737	0.0263	0.9165	0.8255	0.1938
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.5932	0.4068	0.6153	0.2036	0.8012
immuno-therapy	0.7778	0.2222	0.8000	0.5263	0.5283
instagram	0.8980	0.0510	0.9033	0.8640	0.1581
ionosphere	0.8571	0.1429	0.8309	0.6602	0.5698
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.9358	0.0049	0.9369	0.9332	0.0587
jm1	0.7521	0.2479	0.6427	0.2815	0.7792
jvowels	0.8875	0.0250	0.8816	0.8726	0.1469
kc1	0.7725	0.2275	0.6452	0.2801	0.7373
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.7219	0.4233	0.7104
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kidney	0.2201	0.3120	0.1998	0.0044	0.5687
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.1804	0.0911	0.2565	0.1186	0.6903
krvskp	0.4765	0.5235	0.3227	0.0000	0.5304
la1s-wc	0.2317	0.2561	0.0627	0.0000	0.3731
la2s-wc	0.2517	0.2494	0.0670	0.0000	0.3690
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5000	0.0250	0.2675	0.4774	0.0749
led24	0.6500	0.0700	0.6149	0.6045	0.1488
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.6150	0.0296	0.6219	0.5994	0.3080
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.4286	0.5714	0.3000	0.0000	0.5288
libra	0.6944	0.0407	0.7027	0.6727	0.1128
linkage1%	0.9976	0.0024	0.8807	0.7396	0.4958
linkage10%	0.9981	0.0019	0.9022	0.7868	0.4689
liver	0.7059	0.2941	0.7202	0.4118	0.7325
loan	0.9415	0.0585	0.9410	0.8782	0.2985
localization	0.0187	0.1784	0.0746	0.0008	0.3543
localization10%	0.0316	0.1761	0.0056	0.0000	0.3472
lrs	0.8113	0.0377	0.4168	0.7402	0.1676
lung	0.7619	0.0952	0.8914	0.6404	0.1196
lung_discrete	0.0000	0.2857	0.0000	-0.1034	0.2947
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9149	0.0851	0.9152	0.8273	0.3841
madelon	0.5846	0.4154	0.5859	0.1692	0.9340
magic04	0.7491	0.2509	0.7133	0.4182	0.7595
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.5312	0.4688	0.3469	0.0000	0.5228
marketing	0.6473	0.3527	0.6513	0.2264	0.5961
maternal	0.5644	0.2904	0.5664	0.3407	0.6139
math	0.7250	0.1375	0.6764	0.5849	0.4085
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.2100	0.3160	0.2232	0.0135	0.8182
messidor	0.7043	0.2957	0.7302	0.4275	0.7190
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	0.2222	0.5185	0.1212	0.0000	0.4199
meter-C	0.3333	0.3333	0.1250	0.0000	0.3773
meter-D	0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac	0.9300	0.0140	0.9368	0.9222	0.0693
mfeat-fou	0.8150	0.0370	0.8169	0.7944	0.1707
mfeat-kar	0.9750	0.0050	0.9754	0.9722	0.0317
mfeat-mor	0.6850	0.0630	0.6870	0.6500	0.2171
mfeat-pix	0.1000	0.1800	0.0667	0.0000	0.2517
mfeat-zer	0.7900	0.0420	0.7929	0.7667	0.1313
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.6509	0.2327	0.6814	0.4856	0.4498
mines	0.4412	0.2235	0.3801	0.3001	0.4336
mobile	0.6364	0.0130	0.6940	0.6297	0.1392
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-2	0.4098	0.5902	0.3734	-0.2506	0.9957
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.3944	0.1101	0.4635	0.3135	0.5574
musk	0.9182	0.0818	0.8355	0.6683	0.4940
MUT_ci300400a_cdk_ECFP2	0.5048	0.4952	0.5322	0.0575	0.9256
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.6163	0.3837	0.6431	0.2627	0.8332
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_STANDARD	0.7760	0.2240	0.7725	0.5440	0.7097
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6433	0.3567	0.6422	0.2843	0.8873
NHANES_age_prediction	0.8943	0.1057	0.8632	0.6882	0.5000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.3056	0.4630	0.3149	-0.0366	0.7867
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.4630	0.2685	0.1582	0.0000	0.3435
occupancy	0.9713	0.0287	0.9627	0.9226	0.2395
Occupancy_Estimation	0.9753	0.0123	0.9342	0.9223	0.0544
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0951	0.0206	0.6868
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.1429	0.1714	0.1703	0.0461	0.6326
olive	0.9298	0.0156	0.9064	0.9124	0.0439
opn310k10%	0.6349	0.3651	0.6392	0.1643	0.4430
opnat310k-hg16-17	0.6465	0.3535	0.6599	0.1925	0.4399
optdigits	0.1121	0.1776	0.0801	0.0160	0.4604
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.4750	0.0262	0.4090	0.4615	0.1191
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.8775	0.1225	0.7166	0.3002	0.4327
ozone8hr	0.8419	0.1581	0.7294	0.3754	0.5432
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3918	0.6082	0.5142	0.0141	0.7336
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4286	0.5714	0.4342	-0.1050	0.9725
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9305	0.0278	0.6183	0.6205	0.5684
parkinson	0.9583	0.0417	0.9579	0.9146	0.2357
parkinsons	0.7725	0.2275	0.7791	0.5435	0.6778
parkinsons-small	0.7895	0.2105	0.7677	0.5190	0.6808
particle	0.8867	0.1133	0.8656	0.7290	0.5187
particle10%	0.8777	0.1223	0.8578	0.7114	0.5375

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.8829	0.1171	0.5863	0.1721	0.6762
pcmac	0.4794	0.5206	0.4971	-0.0053	0.9637
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8158	0.1842	0.7544	0.5088	0.6968
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.8990	0.0202	0.9020	0.8877	0.1208
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.8718	0.0160	0.8766	0.8633	0.1689
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.3918	0.6082	0.2815	0.0000	0.5219
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.2098	0.2258	0.1857	0.0751	0.4864
phone-acc1%	0.5820	0.1194	0.5593	0.5110	0.3848
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.2254	0.2213	0.1875	0.0931	0.5084
phone-gyr1%	0.3737	0.1789	0.4240	0.2731	0.5022
phone-gyr10%	0.4094	0.1687	0.4533	0.3130	0.4736
phoneme	0.7519	0.2481	0.7357	0.4557	0.7260
phy	0.6642	0.3358	0.6644	0.3285	0.8638
pima	0.7237	0.2763	0.7029	0.3973	0.7848
pirvision	0.9425	0.0383	0.9256	0.8376	0.2217
placement	0.7750	0.2250	0.7749	0.5464	0.7033
plant-growth	0.8421	0.1579	0.8444	0.6851	0.5655
plrx	0.4444	0.5556	0.4375	-0.1111	0.8920
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.0459	0.2726	0.1449	0.0014	0.6262
poker10%	0.0372	0.2407	0.1275	-0.0005	0.6396
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.8899	0.1101	0.5084	0.0150	0.5252
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.8561	0.1439	0.6053	0.1749	0.5417
polish-5th	0.9239	0.0761	0.7150	0.4296	0.6244
polya	0.7741	0.2259	0.7637	0.5240	0.7159
popularity	0.5281	0.3146	0.4893	0.2311	0.6577
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.7620	0.0952	0.7640	0.7026	0.3368
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6353	0.2647	0.8828
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.8183	0.0727	0.7476	0.7527	0.2599
puc-rio10%	0.8262	0.0695	0.7519	0.7635	0.2448
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.5063	0.4937	0.5063	0.0127	0.9962
pufs-12810%	0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-64	0.4998	0.5002	0.3332	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.5004	0.0008	0.9997
pulsar	0.9745	0.0255	0.9197	0.8295	0.1470
raisin	0.9111	0.0889	0.9127	0.8222	0.3796

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9841	0.0159	0.9840	0.9677	0.0976
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8554	0.0482	0.8293	0.8216	0.2003
satimageF	0.9798	0.0202	0.9461	0.8896	0.1561
satimageT	0.5925	0.4075	0.6290	0.1503	0.4564
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.5556	0.4444	0.5303	0.0526	0.7987
schizo	0.6471	0.3529	0.6481	0.2941	0.8778
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.5064	0.4936	0.5021	0.0017	0.3480
secondary_mushroom	0.4452	0.5548	0.3081	0.0000	0.5302
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9533	0.9392	0.0637
segmentation	0.8168	0.1832	0.8110	0.6162	0.6341
segmentO	0.9654	0.0346	0.9407	0.8743	0.3419
seismic	0.0659	0.9341	0.0618	0.0000	0.1669
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.6632	0.3368	0.5329	0.0552	0.6753
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.8422	0.0287	0.8441	0.8264	0.1395
sepsis	0.5484	0.4516	0.5851	0.0886	0.4299
shoppers	0.1541	0.8459	0.1335	0.0000	0.3285
shuttle	0.9716	0.0081	0.7699	0.9208	0.2574
sick	0.7507	0.2493	0.6545	0.2021	0.4546
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9342	0.0658	0.9174	0.8210	0.3932
skin10%	0.9338	0.0662	0.9171	0.8202	0.3933
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2200	0.3900	0.1820	-0.0518	0.7766
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.7034	0.2966	0.7392	0.4334	0.6830
soil_pollution	0.2033	0.3187	0.2093	0.0024	0.8465
solar-flare	0.5683	0.1439	0.4645	0.4724	0.2880
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.7835	0.2165	0.7189	0.3371	0.5256
spambase	0.6043	0.3957	0.3767	0.0000	0.4981
spect	0.2222	0.7778	0.1818	0.0000	0.4150
spectf	0.7143	0.2857	0.7181	0.4068	0.7259
spectrometer	0.5192	0.0356	0.3767	0.4870	0.1440
splice-EI	0.9085	0.0915	0.9015	0.7836	0.4149
splice-IE	0.8580	0.1420	0.8380	0.6561	0.5657
sport-articles	0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.0821	0.9179	0.0758	0.0000	0.2013
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.7639	0.1574	0.7456	0.6101	0.4900
stock	0.8958	0.1042	0.8384	0.6725	0.5602
stockb	0.3348	0.4435	0.1672	0.0000	0.4165
streaming	0.7900	0.2100	0.7927	0.5809	0.6708
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.3900	0.2440	0.4242	0.2041	0.6106
student-depression	0.4125	0.5875	0.4664	-0.0166	0.7046
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7654	0.2346	0.7675	0.5175	0.6779
susy10%	0.7661	0.2339	0.7679	0.5191	0.6789
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.1489	0.8511	0.1296	0.0000	0.3207
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.6421	0.3579	0.6598	0.2963	0.8036
tis	0.7517	0.2483	0.6539	0.3068	0.8045
tis10%	0.6343	0.3657	0.5928	0.1749	0.8246
titanic	0.3227	0.6773	0.2440	0.0000	0.4945
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.5882	0.4118	0.6439	0.2420	0.7707
toxicity-13f	0.6471	0.3529	0.6136	0.2273	0.8920
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.9000	0.0500	0.9073	0.8667	0.1174
tvnews	0.8573	0.1427	0.8454	0.6907	0.5595
tvnews1%	0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%	0.8666	0.1334	0.8579	0.7155	0.5385
ur3_cobotops_grip	0.8082	0.1918	0.5460	0.0493	0.3393
ur3_cobotops_stop	0.7388	0.2612	0.6089	0.0996	0.3061
urban	0.8209	0.0398	0.8494	0.7903	0.1355
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.6905	0.1548	0.6270	0.5798	0.3128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vehicleVAN	0.9643	0.0357	0.9565	0.9091	0.2605
voice	0.5833	0.4167	0.6196	0.2105	0.8154
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5859	0.0753	0.5356	0.5444	0.1680
vowelZ	0.9293	0.0707	0.8619	0.6831	0.5142
vrnormat310k-hg16-17	0.7795	0.2205	0.6975	0.3065	0.5415
warpar10p	0.4615	0.1077	0.4340	0.3933	0.1821
warppie10p	0.8095	0.0381	0.8563	0.7884	0.0935
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.5544	0.1273	0.5382	0.4767	0.4742
watch-acc10%	0.5592	0.1259	0.5429	0.4827	0.4809
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.4142	0.1674	0.4338	0.3143	0.4825
watch-gyr10%	0.4051	0.1700	0.4412	0.3028	0.5022
water_pollution	0.2133	0.3933	0.2108	-0.0459	0.8630
waveform	0.7780	0.1480	0.7945	0.6676	0.3708
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8000	0.1333	0.6302	0.6411	0.5060
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.6667	0.2500	0.0000	0.5000
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0346
wilt	0.7308	0.2692	0.6139	0.1233	0.3743
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4088	0.1971	0.3373	0.1922	0.7064
winequality-white	0.3190	0.1946	0.2421	0.1208	0.7570
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.2500	0.1000	0.1676	0.1967	0.2060
yeast	0.5743	0.0851	0.4862	0.4760	0.4960
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.8986	0.1014	0.7388	0.3173	0.4022
yeastME1	0.9257	0.0743	0.7638	0.3952	0.4565
yeastME2	0.8986	0.1014	0.7099	0.3561	0.5428
zip	0.9280	0.0144	0.9223	0.9193	0.1103

Table 411: Detailed results for PRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1590	0.0801	0.1490	0.0783	0.6138
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9853	0.0147	0.7304	0.3333	0.1958
accident	0.6500	0.3500	0.6508	0.3000	0.8761
ads	0.9848	0.0152	0.9679	0.9350	0.1232
adult	0.8499	0.1501	0.7823	0.5610	0.6247
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8000	0.2000	0.4444	-0.0357	0.6563
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8889	0.1111	0.7333	0.3010	0.2451
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9992	0.0008	0.7367	0.2855	0.0047
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9998	0.0002	0.9850	0.9696	0.0014
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6000	0.4000	0.4724	-0.0526	0.9519
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9946	0.0054	0.7136	0.1990	0.0229
aids	0.8967	0.1033	0.8533	0.6921	0.4258
air_pollution	0.4033	0.1705	0.0825	-0.0004	0.3808
airline	0.9610	0.0390	0.9603	0.9203	0.2143
alcohol	0.8476	0.0610	0.5375	0.6270	0.1477
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9395	0.0605	0.9340	0.8641	0.2665
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9833	0.0083	0.9492	0.9681	0.0429
anuran-genus	0.9833	0.0042	0.9504	0.9725	0.0574
anuran-species	0.9819	0.0036	0.9620	0.9748	0.0398
anxiety	0.0750	0.2056	0.0716	-0.0427	0.8544
apple-quality	0.8750	0.1250	0.8759	0.7500	0.4917
aps-failure	0.9928	0.0072	0.8880	0.7663	0.2168
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia	0.8222	0.0356	0.6210	0.7101	0.1650
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.7273	0.0496	0.5143	0.6733	0.1198

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9500	0.0200	0.9520	0.9340	0.0427
avila	0.9909	0.0015	0.9847	0.9882	0.0207
babies	0.4113	0.1682	0.1855	0.1082	0.6024
balance	0.8548	0.0968	0.6080	0.7395	0.2653
bank	0.9087	0.0913	0.7424	0.4730	0.5775
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8854	0.7599	0.3925
basehock	0.9799	0.0201	0.9800	0.9598	0.1294
bio	0.9974	0.0026	0.9207	0.8335	0.1131
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8952	0.1048	0.8885	0.7768	0.4558
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9884	0.0011	0.1829	0.4253	0.5983
bitcoin1%	0.9856	0.0041	0.1723	0.0443	0.1376
bitcoin10%	0.9877	0.0022	0.2873	0.3013	0.2539
body-perf	0.7336	0.1332	0.7351	0.6448	0.4128
brain-tumor	0.5025	0.4975	0.5024	0.0047	0.9976
breast-cancer	0.7143	0.2857	0.6500	0.3000	0.8322
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.6364	0.3636	0.6333	0.2667	0.8952
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.9000	0.0333	0.8192	0.8485	0.0568
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4610	0.3593	0.3156	-0.0014	0.6636
car	0.9598	0.0201	0.9436	0.9160	0.1671
car-insurance	0.8360	0.1640	0.8074	0.6146	0.6256
card	0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography	0.8639	0.0272	0.8517	0.8360	0.1557
cardiotocography-nsp	0.9437	0.0376	0.8926	0.8412	0.2281
cardiovascular	0.7192	0.2808	0.7193	0.4384	0.7947
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.9000	0.0667	0.8851	0.8178	0.2404
cas_N6512_cdk_ECFP2	0.7834	0.2166	0.7830	0.5655	0.6944
cas_N6512_rdkit_ATOMPAIR	0.8000	0.2000	0.7986	0.5972	0.6656
cas_N6512_RDkit_AtomPair_FP	0.7699	0.2301	0.7685	0.5369	0.7191
cas_N6512_rdkit_AVALON	0.8280	0.1720	0.8280	0.6551	0.6079
cas_N6512_RDkit_Avalon_FP	0.8190	0.1810	0.8194	0.6376	0.6248
cas_N6512_rdkit_descriptors	0.7954	0.2046	0.7960	0.5906	0.6695
cas_N6512_rdkit_FEATMORGAN	0.7803	0.2197	0.7789	0.5579	0.7014
cas_N6512_RDkit_Featmorgan_FP	0.7975	0.2025	0.7967	0.5933	0.6700
cas_N6512_RDkit_FP	0.7975	0.2025	0.7961	0.5921	0.6701
cas_N6512_rdkit_LAYERED	0.8046	0.1954	0.8058	0.6094	0.6502
cas_N6512_RDkit_Layered_FP	0.7837	0.2163	0.7822	0.5642	0.6951
cas_N6512_rdkit_MACCS	0.7926	0.2074	0.7909	0.5806	0.6758
cas_N6512_RDkit_MACCS_FP	0.8129	0.1871	0.8135	0.6255	0.6364
cas_N6512_rdkit_MORGAN	0.8092	0.1908	0.8078	0.6153	0.6471
cas_N6512_RDkit_morgan_FP	0.7975	0.2025	0.7962	0.5923	0.6702
cas_N6512_rdkit_PATTERN	0.7862	0.2138	0.7883	0.5733	0.6804
cas_N6512_RDkit_pattern_FP	0.7837	0.2163	0.7839	0.5669	0.6921
cas_N6512_rdkit_RDKITFP	0.8095	0.1905	0.8085	0.6171	0.6475
cas_N6512_rdkit_TORSION	0.7446	0.2554	0.7435	0.4869	0.7591

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8406	0.1063	0.4209	0.2045	0.4686
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8238	0.1762	0.8152	0.6265	0.6275
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6401	0.1470	0.3479
census10%	0.9509	0.0491	0.7263	0.3846	0.3985
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.6302	0.2561	0.6215
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.9269	0.0365	0.8392	0.8904	0.1297
chrom19	0.9998	0.0002	0.9431	0.8844	0.1395
chrom191%	0.9994	0.0006	0.9090	0.7997	0.4644
chrom1910%	0.9996	0.0004	0.8957	0.7877	0.2470
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8500	0.1500	0.7420	0.4616	0.6131
churn-bigml	0.9401	0.0599	0.8726	0.7106	0.1655
ci900367j_MACCS	0.7053	0.2947	0.6837	0.3670	0.8261
circles	0.9990	0.0000	0.9990	0.9990	0.0005
cirrhosis	0.7143	0.1905	0.4756	0.4140	0.4198
cjs	0.9964	0.0012	0.9959	0.9956	0.0106
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8056	0.0972	0.6319	0.6938	0.4106
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6667	0.3333	0.4065
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5510	0.2993	0.5354	0.3075	0.6978
cnae-9	0.9444	0.0123	0.9464	0.9375	0.0624
codon_usage	0.9186	0.0148	0.7737	0.9007	0.1059
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.8800	0.0160	0.7741	0.8677	0.0502
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.8276	0.1724	0.8044	0.5892	0.5680
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7586	0.2414	0.7584	0.5155	0.7334
colposcopies-c	0.8966	0.1034	0.8560	0.6692	0.2534
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
connect-4	0.9791	0.0139	0.5747	0.4099	0.4101
cottonmeloidogyne	0.7596	0.2404	0.7619	0.5198	0.7229
coupon	0.7752	0.2248	0.7691	0.5337	0.7015
covtype10%	0.8800	0.0343	0.7978	0.8042	0.2381
covtypeCD	0.9906	0.0094	0.9798	0.9594	0.0944
covtypeT	0.9860	0.0140	0.9446	0.8886	0.2063
crabs	0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans	0.9996	0.0004	0.9462	0.8862	0.0022
creditcard_trans10%	0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced	0.9429	0.0190	0.8412	0.8793	0.1050
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.7188	0.0176	0.6861	0.7097	0.0519
customer-churn	0.9786	0.0214	0.7181	0.4347	0.5413
cybersecurity	0.1667	0.2778	0.1684	-0.0017	0.8781
cyclopentane	0.6296	0.3704	0.6181	0.2241	0.8800

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cylinder-bands	0.8333	0.1667	0.8289	0.6534	0.5853
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0996	0.1801	0.0996	-0.0005	0.9272
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8210	0.1790	0.7071	0.3902	0.6711
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9053	0.0947	0.7351	0.4498	0.5656
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.7132	0.5789	0.3187
dexter	0.9333	0.0667	0.9372	0.8667	0.2500
df_final	0.7500	0.1667	0.7711	0.6049	0.2540
DIA	0.8333	0.1667	0.7692	0.4286	0.3322
diabetes	1.0000	0.0000	1.0000	1.0000	0.0000
diabetes-100k	0.9689	0.0311	0.8924	0.7618	0.1265
diabetes-risk	0.9128	0.0872	0.8645	0.7284	0.4740
diabetic1%	0.5588	0.2941	0.3673	0.0895	0.4976
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7723	0.0911	0.7690	0.6768	0.3239
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5000	0.5000	0.4507	-0.0909	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9304	0.0696	0.7695	0.5198	0.4978
dota2	0.5722	0.4278	0.5694	0.1384	0.9521
dota210%	0.5612	0.4388	0.5584	0.1165	0.9606
drebin	0.9920	0.0080	0.9915	0.9828	0.0521
dropout	0.7743	0.1505	0.6929	0.6175	0.4478
drug-01	0.3511	0.1854	0.1545	0.0036	0.5483
drug-02	0.5053	0.1413	0.2291	0.1222	0.5868
drug-03	0.6809	0.1064	0.1818	0.0591	0.3605
drug-04	0.5106	0.1398	0.1973	0.0702	0.5821
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3883	0.1748	0.2302	0.2290	0.6254
drug-07	0.4202	0.1933	0.1703	0.0480	0.4769
drug-08	0.5904	0.1170	0.2316	0.2125	0.3622
drug-09	0.8723	0.0426	0.2287	0.0699	0.1127
drug-10	0.5426	0.1307	0.1583	0.1192	0.4347
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1738	0.2443	0.3861
drug-14	0.6223	0.1079	0.3079	0.3107	0.4836
drug-15	0.7606	0.0684	0.1489	0.0711	0.2426
drug-16	0.5585	0.1472	0.2616	0.2461	0.5021
drug-17	0.3511	0.1854	0.1794	0.1251	0.6957
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7606	0.0684	0.1238	0.0015	0.2802
drybean	0.9214	0.0225	0.9332	0.9050	0.1277
ecoli	0.8235	0.0588	0.6755	0.7539	0.1803
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.1900	0.4050	0.1881	-0.0810	0.9007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
eeg	0.5588	0.0551	0.5688	0.5096	0.5044
eeg-eye	0.9105	0.0895	0.9102	0.8178	0.3834
eeg10%	0.4501	0.0687	0.4584	0.3873	0.5181
email_phishing	0.9901	0.0099	0.7642	0.4458	0.2158
eucalyptus	0.6438	0.1425	0.6123	0.5390	0.3829
euthyroid	0.9652	0.0348	0.8979	0.7944	0.3409
exon.vs.intron-freq10%	0.9593	0.0407	0.9600	0.9181	0.2029
fakenews	0.5125	0.4875	0.5122	0.0245	0.9926
fbis-wc	0.8171	0.0215	0.7461	0.7896	0.1109
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7255	0.2745	0.7214	0.4369	0.7761
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.7500	0.0714	0.4640	0.6764	0.1568
forest	0.9038	0.0481	0.8906	0.8669	0.1249
gas	0.9964	0.0012	0.9967	0.9956	0.0092
gastrointestinal	0.8125	0.1250	0.8305	0.6981	0.2631
gender	0.5684	0.2877	0.4326	0.0883	0.5642
gene	0.9243	0.0505	0.9154	0.8773	0.2130
german	0.7400	0.2600	0.7136	0.3211	0.5459
gestures	0.9178	0.0411	0.9182	0.8904	0.1811
gina	0.9625	0.0375	0.9625	0.9250	0.2147
gisette	0.9714	0.0286	0.9714	0.9429	0.1749
glass	0.9048	0.0317	0.9209	0.8731	0.1290
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8214	0.1786	0.8172	0.6341	0.6286
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.5312	0.3636	0.5415
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.6667	0.3333	0.5379	0.0741	0.8997
hapt	0.9625	0.0063	0.8825	0.9557	0.0420
har	0.9964	0.0014	0.9961	0.9955	0.0103
har70	0.9370	0.0180	0.7034	0.9060	0.1257
har701%	0.9274	0.0207	0.5917	0.8920	0.1081
har7010%	0.9325	0.0193	0.6488	0.8991	0.1029
harth	0.9016	0.0164	0.7008	0.8659	0.1723
harth1%	0.8760	0.0207	0.5918	0.8304	0.1825
harth10%	0.8901	0.0183	0.6637	0.8499	0.1778
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure	0.9880	0.0120	0.9861	0.9720	0.0782
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.8490	0.1510	0.8492	0.6980	0.5615
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.7027	0.2973	0.7016	0.4032	0.8182
higgs1%	0.7110	0.2890	0.7097	0.4194	0.8073
higher	0.2143	0.1964	0.1492	0.0435	0.3713
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8750	0.1250	0.8765	0.7470	0.4704
hiv1-proteasa	0.8954	0.1046	0.7936	0.5483	0.4428
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6667	0.2222	0.4702	0.3533	0.3426
hotel-reservartions	0.9135	0.0865	0.9005	0.7994	0.3992
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.9999	0.0000	0.9999	0.9999	0.0004
ht-sensor10%	0.9990	0.0006	0.9991	0.9985	0.0053
htru2	0.9782	0.0218	0.9322	0.8627	0.2293
hypothyroid	0.9947	0.0027	0.7438	0.9684	0.0506
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7458	0.2542	0.6570	0.2937	0.7766
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9733	0.0133	0.9737	0.9644	0.0578
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8909	0.0084	0.8948	0.8865	0.0934
jm1	0.8200	0.1800	0.6578	0.2817	0.6899
jvowels	0.9789	0.0047	0.9768	0.9761	0.0342
kc1	0.8720	0.1280	0.7137	0.3863	0.5769
kc1-class-level-defectiveornot	0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect	0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8269	0.1731	0.7165	0.4236	0.6904
kdc-4007	0.7855	0.0613	0.7920	0.7495	0.3133
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9990	0.0002	0.8926	0.9983	0.0012
kepler	0.8912	0.0725	0.8515	0.8207	0.2011
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.8278	0.0191	0.8446	0.8076	0.2136
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc	0.8444	0.0519	0.8116	0.8012	0.2125
la2s-wc	0.8907	0.0364	0.8624	0.8601	0.1314
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.7059	0.0256	0.6405	0.6906	0.0746
led24	0.6500	0.0778	0.6865	0.6000	0.1979
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9640	0.0028	0.9638	0.9625	0.0437
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.9722	0.0037	0.9805	0.9701	0.0139
linkage	1.0000	0.0000	0.9992	0.9983	0.0030
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7647	0.2353	0.7202	0.4357	0.7504
loan	0.9859	0.0141	0.9851	0.9699	0.0891
localization	0.7682	0.0422	0.5600	0.7061	0.4075
localization10%	0.7051	0.0536	0.4498	0.6228	0.4466
lrs	0.8679	0.0377	0.6419	0.8165	0.0903
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6582	0.3077	0.8482
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.7077	0.2923	0.7081	0.4154	0.8089
magic04	0.8774	0.1226	0.8636	0.7250	0.4996
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7604	0.2396	0.7625	0.5221	0.7254
marketing	0.8884	0.1116	0.7389	0.3971	0.4354
maternal	0.8614	0.0924	0.8631	0.7893	0.3270
math	0.8250	0.0875	0.7609	0.7236	0.2361
mba	0.8081	0.1280	0.3891	0.1638	0.4055
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2267	0.3093	0.2281	0.0316	0.8561
messidor	0.6435	0.3565	0.6400	0.2796	0.8857
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.9750	0.0050	0.9751	0.9722	0.0316
mfeat-fou	0.8050	0.0390	0.8036	0.7833	0.1522
mfeat-kar	0.9700	0.0060	0.9707	0.9667	0.0379
mfeat-mor	0.7100	0.0580	0.7125	0.6778	0.1933
mfeat-pix	0.9800	0.0040	0.9809	0.9778	0.0225
mfeat-zer	0.7850	0.0430	0.7882	0.7611	0.1334
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.5050	0.4106	0.4043
mobile	0.9406	0.0021	0.9456	0.9395	0.0268
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9672	0.0328	0.9641	0.9257	0.1307
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
musk	0.9652	0.0348	0.9314	0.8531	0.1137
MUT_ci300400a_cdk_ECFP2	0.8261	0.1739	0.8213	0.6426	0.6192
MUT_ci300400a_cdk_ECFP4	0.8455	0.1545	0.8412	0.6823	0.5774
MUT_ci300400a_cdk_ECFP6	0.8144	0.1856	0.8078	0.6143	0.6382
MUT_ci300400a_cdk_ESTATE	0.7854	0.2146	0.7771	0.5515	0.6906
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.8383	0.1617	0.8346	0.6689	0.5930
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.8393	0.1607	0.8340	0.6674	0.5884
MUT_ci300400a_cdk_MACCS	0.8633	0.1367	0.8594	0.7187	0.5354
MUT_ci300400a_cdk_PUBCHEM	0.8731	0.1269	0.8688	0.7369	0.5061
MUT_ci300400a_cdk_STANDARD	0.8515	0.1485	0.8465	0.6923	0.5597
MUT_ci300400a_rdkit_descriptors	0.8584	0.1416	0.8555	0.7110	0.5463
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9717	0.0283	0.9717	0.9434	0.1735
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.6667	0.1111	0.6222	0.6000	0.1039
ncRNA	0.9619	0.0040	0.8275	0.8975	0.2570
ncRNA1%	0.9221	0.0082	0.5689	0.7823	0.3437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ncRNA10%	0.9424	0.0061	0.7154	0.8419	0.3185
neo	0.9195	0.0805	0.7386	0.4638	0.5636
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6604	0.3396	0.6579	0.3152	0.8687
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9689	0.0311	0.9618	0.9235	0.2057
NPHA-doctor-visits	0.4306	0.3796	0.3386	-0.0200	0.8043
nursery	0.9907	0.0046	0.9749	0.9864	0.0343
obesity	0.9431	0.0162	0.9437	0.9336	0.0758
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9947	0.0053	0.9925	0.9850	0.0643
Occupancy_Estimation	0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc	0.9307	0.0139	0.9394	0.9207	0.0667
oh10-wc	0.8286	0.0343	0.8180	0.8043	0.1466
oh15-wc	0.8478	0.0304	0.8573	0.8259	0.1326
oh5-wc	0.8242	0.0352	0.8346	0.8006	0.1678
olive	0.9298	0.0156	0.9174	0.9123	0.0441
opn310k10%	0.9237	0.0763	0.7068	0.3604	0.4955
optdigits	0.9662	0.0068	0.9683	0.9624	0.0487
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9328	0.0672	0.7031	0.1787	0.1695
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8454	0.1546	0.8266	0.6530	0.5950
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9854	0.0059	0.9401	0.9162	0.1081
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9147	0.0853	0.9088	0.8170	0.3910
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.9356	0.0644	0.9202	0.8405	0.3584
particle10%	0.9200	0.0800	0.9006	0.8013	0.4133
pasture	1.0000	0.0000	1.0000	1.0000	0.0000
pc1	0.9189	0.0811	0.6396	0.2671	0.6352
pcmac	0.5309	0.4691	0.5322	0.0634	0.9638
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8939	0.7647	0.2161
pediatric-leukemia	0.7353	0.0756	0.6827	0.6710	0.1919
pendigits	0.9954	0.0009	0.9953	0.9949	0.0090
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8251	0.1749	0.8113	0.6214	0.6250
personalities	0.9663	0.0042	0.9664	0.9641	0.0595
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9755	0.0245	0.9743	0.9486	0.1605
phone-acc0.1%	0.8851	0.0328	0.8778	0.8657	0.1137
phone-acc1%	0.9618	0.0109	0.9585	0.9554	0.0492
phone-gyr0.1%	0.9131	0.0248	0.9069	0.8984	0.1090
phone-gyr1%	0.9746	0.0073	0.9719	0.9703	0.0375
phoneme	0.9204	0.0796	0.9018	0.8035	0.4117
phy	0.7022	0.2978	0.7023	0.4043	0.8177
pima	0.7105	0.2895	0.6871	0.3569	0.7863
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7970	0.2030	0.7903	0.5799	0.6738
plant-growth	0.7895	0.2105	0.7933	0.5730	0.6420

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
plrx	0.5556	0.4444	0.3571	-0.2632	0.9745
poker1%	0.5512	0.1282	0.1607	0.1490	0.3085
poker10%	0.5824	0.1044	0.2487	0.2106	0.3000
polish-1st	0.9687	0.0313	0.7318	0.3425	0.2419
polish-2nd	0.9567	0.0433	0.5609	0.0712	0.4842
polish-3rd	0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th	0.9561	0.0439	0.7315	0.4216	0.4463
polish-5th	0.9475	0.0525	0.7581	0.4829	0.4456
polya	0.7795	0.2205	0.7523	0.4973	0.7052
popularity	0.6714	0.2191	0.5398	0.2343	0.4598
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9867	0.0053	0.9865	0.9833	0.0354
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7207	0.4412	0.7929
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3939	0.0932	0.3328	0.3203	0.3245
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6866	0.3134	0.6108	0.2064	0.8487
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9961	0.0015	0.9932	0.9948	0.0129
puc-rio10%	0.9909	0.0036	0.9801	0.9878	0.0220
pufs-1281%	0.4947	0.5053	0.4946	-0.0106	1.0000
pufs-641%	0.5062	0.4938	0.5062	0.0124	0.9945
pufs-6410%	0.5005	0.4995	0.5004	0.0009	0.9978
pulsar	0.9856	0.0144	0.9560	0.9103	0.1321
raisin	0.8889	0.1111	0.8893	0.7778	0.4596
rcv11%	0.7556	0.0119	0.4242	0.7213	0.1478
re0-wc	0.8333	0.0256	0.7945	0.7792	0.1762
re1-wc	0.7952	0.0164	0.5586	0.7616	0.1176
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9874	0.0126	0.9873	0.9744	0.0865
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6996	0.3004	0.6892	0.3783	0.8272
RT_IOT2022	0.9990	0.0002	0.9813	0.9976	0.0019
satimage	0.9160	0.0280	0.9024	0.8962	0.1371
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9425	0.0575	0.8208	0.6052	0.3284
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.3824	0.6176	0.3700	-0.2353	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9610	0.0111	0.9656	0.9544	0.0505
segmentation	0.8564	0.1436	0.8411	0.6801	0.5544
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-10-gram	0.8661	0.1339	0.5832	0.0279	0.3779
sens-2-gram	0.8789	0.1211	0.6856	0.1312	0.2567
sens-3-gram	0.8816	0.1184	0.6940	0.1618	0.2534
sens-4-gram	0.8763	0.1237	0.6559	0.1245	0.3621
sens-5-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-6-gram	0.8684	0.1316	0.5838	0.0286	0.3763

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8658	0.1342	0.5694	0.0500	0.4928
sens-8-gram	0.8658	0.1342	0.5503	0.0232	0.4453
sens-9-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sensorless	0.9985	0.0003	0.9985	0.9983	0.0033
sepsis	0.9095	0.0905	0.6570	0.0031	0.2085
shoppers	0.9067	0.0933	0.8056	0.6020	0.5153
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9761	0.0239	0.8957	0.7784	0.1990
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9998	0.0002	0.9996	0.9993	0.0063
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2800	0.3600	0.2643	0.0323	0.7019
smk_can_187	0.6842	0.3158	0.6841	0.3596	0.8222
smoking	0.8404	0.1596	0.8286	0.6571	0.5996
soil_pollution	0.2367	0.3053	0.2362	0.0453	0.8528
solar-flare	0.7482	0.0839	0.6139	0.6793	0.2165
sonar	0.4500	0.5500	0.4415	-0.1000	0.9904
soybean	0.9853	0.0015	0.9944	0.9839	0.0114
spam-detection	0.9545	0.0455	0.8597	0.7187	0.4375
spambase	0.9522	0.0478	0.9499	0.8994	0.2552
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer	0.6538	0.0256	0.5855	0.6327	0.1174
splice-EI	0.9716	0.0284	0.9620	0.9232	0.1701
splice-IE	0.9274	0.0726	0.8962	0.7843	0.3300
sport-articles	0.8200	0.1800	0.8051	0.6095	0.6396
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9164	0.0557	0.8947	0.8640	0.2068
steel-b	0.8923	0.1077	0.8277	0.6473	0.5046
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.8154	0.1846	0.7917	0.5792	0.6448
steel-p	0.9231	0.0769	0.6928	0.3623	0.5753
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9846	0.0154	0.9554	0.9104	0.1831
stellar	0.9770	0.0153	0.9734	0.9591	0.0887
stock	0.9306	0.0694	0.8772	0.7503	0.3987
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5650	0.1740	0.3834	0.2941	0.4984
student-depression	0.8290	0.1710	0.8225	0.6429	0.6054
student-habits	0.3200	0.2720	0.2325	-0.0782	0.4813
student-weekend	0.3692	0.2523	0.2265	0.0873	0.6319
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.4579	0.1727	0.6264
susy	0.4580	0.5420	0.3141	0.0000	0.5307
susy1%	0.7996	0.2004	0.7984	0.5922	0.6525
susy10%	0.7980	0.2020	0.7969	0.5887	0.6537
tae	0.6000	0.2667	0.6188	0.4000	0.5288
telco-churn	0.8906	0.1094	0.8553	0.7072	0.4899
texture	0.9800	0.0036	0.9813	0.9779	0.0297
theorem	0.9967	0.0033	0.9966	0.9933	0.0238
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.8358	0.1642	0.7698	0.4298	0.3288
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.6471	0.3529	0.5597	0.0893	0.8324
toxicity-13f	0.7059	0.2941	0.6670	0.3307	0.8305
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6267	0.3733	0.4680	-0.0638	0.9119
trec11-wc	0.9024	0.0217	0.7523	0.8794	0.0371
trec12-wc	0.9677	0.0081	0.9780	0.9611	0.0246
trec21-wc	0.8788	0.0485	0.5329	0.7027	0.1107
trec23-wc	0.8571	0.0476	0.6178	0.7907	0.1027
trec31-wc	0.9570	0.0143	0.9602	0.9426	0.0722
trec41-wc	0.9318	0.0136	0.7558	0.9157	0.0513
trec45-wc	0.8986	0.0203	0.8201	0.8804	0.0719
tuandromd	0.9910	0.0090	0.9861	0.9722	0.0959
turkish	0.7750	0.1125	0.7696	0.7000	0.2689
tvnews1%	0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%	0.8921	0.1079	0.8829	0.7646	0.4600
ur3_cobotops_grip	0.9741	0.0259	0.7430	0.4138	0.3208
ur3_cobotops_stop	0.9701	0.0299	0.7391	0.4365	0.4116
urban	0.8358	0.0365	0.8354	0.8068	0.1483
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.8095	0.0952	0.7683	0.7418	0.1952
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6667	0.0606	0.6903	0.6333	0.1887
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.7949	0.0205	0.5790	0.7687	0.1161
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9788	0.0061	0.9784	0.9752	0.0400
watch-acc10%	0.9984	0.0005	0.9984	0.9981	0.0047
watch-gyr	0.9999	0.0000	0.9999	0.9999	0.0004
watch-gyr1%	0.9707	0.0084	0.9699	0.9658	0.0499
watch-gyr10%	0.9970	0.0009	0.9969	0.9965	0.0074
water_pollution	0.2333	0.3833	0.2329	-0.0227	0.8721
waveform	0.8560	0.0960	0.8562	0.7840	0.3419
weather-related	0.9808	0.0035	0.9821	0.9782	0.0303
web-phishing	0.8667	0.0889	0.8122	0.7625	0.3897
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9997	0.0001	0.9997	0.9997	0.0009
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9834	0.0166	0.9068	0.8096	0.2500
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6855	0.1048	0.3344	0.4954	0.3594
winequality-white	0.6830	0.1057	0.4712	0.5099	0.4251
winnipeg10%	0.9932	0.0019	0.9945	0.9915	0.0160
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.6250	0.0500	0.6126	0.5983	0.0770
yeast	0.6014	0.0886	0.4503	0.4843	0.3658
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastEXC	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.9495	0.0101	0.9455	0.9434	0.0814

Table 412: Detailed results for PRIM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0675	0.0888	0.0075	0.0125	0.3694
abalone19	0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18	0.0548	0.9452	0.0519	0.0000	0.1418
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.1905	0.8095	0.3869	-0.0591	0.5486
AID_602330	0.0417	0.9583	0.0400	0.0000	0.1107
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.2441	0.7559	0.1962	0.0000	0.4368
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.0286	0.3886	0.0111	0.0000	0.2706
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.4372	0.5628	0.5741	0.0749	0.6724
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.0083	0.9917	0.0083	0.0000	0.0237
anuran-family	0.0125	0.4937	0.0873	0.0019	0.3725
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.1167	0.1963	0.1112	0.0084	0.5381
apple-quality	0.1725	0.8275	0.1724	-0.6550	1.0000
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.0735	0.9265	0.0685	-0.1130	0.4819
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.0769	0.9231	0.0714	-0.7195	0.9986
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.1000	0.3600	0.0364	0.0000	0.4019
avila	0.0010	0.1665	0.0068	0.0003	0.4092
babies	0.0081	0.2834	0.0033	-0.0026	0.4303
balance	0.0645	0.6237	0.0404	0.0000	0.3991
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.0292	0.9708	0.0292	-0.9247	1.0000
bankruptcy	0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.1714	0.8286	0.1837	-0.5289	1.0000
biomed	0.5238	0.4762	0.3438	-0.1798	0.9644
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0003	0.2856	0.0001	-0.0001	0.1696
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.4705	0.5295	0.4696	-0.0596	1.0000
breast-cancer	0.2857	0.7143	0.2222	0.0000	0.4711
breast-cancer-co	0.1818	0.8182	0.1833	-0.6230	1.0000
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.4375	0.5510	0.1604
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.3333	0.6667	0.5822	0.0291	0.4874
caesarian	0.3750	0.6250	0.2727	0.0000	0.5170
cancer	0.3478	0.6522	0.2581	0.0000	0.5068
cancer-uae	0.0990	0.6007	0.0601	0.0000	0.4064
car	0.0402	0.4799	0.0193	0.0000	0.2850
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.0986	0.1803	0.1305	0.0592	0.4644
cardiotocography-nsp	0.0235	0.6510	0.1061	-0.0768	0.4753
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.2000	0.5333	0.3862	-0.0119	0.3853
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.0009	0.9991	0.0009	0.0000	0.0027
chrom191%	0.0012	0.9988	0.0012	0.0000	0.0034
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.0723	0.9277	0.0674	-0.0121	0.2349
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.0000	0.6667	0.0000	-0.0678	0.4965
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.2449	0.5034	0.2518	0.0017	0.5946
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.2727	0.7273	0.2143	0.0000	0.4613
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.3448	0.6552	0.2564	0.0000	0.5054
colposcopies-2	0.3793	0.6207	0.2750	0.0000	0.5184
colposcopies-3	0.5862	0.4138	0.6120	0.2055	0.8663
colposcopies-4	0.4138	0.5862	0.4804	-0.0292	0.8174
colposcopies-5	0.3448	0.6552	0.4547	-0.0495	0.6235
colposcopies-6	0.6207	0.3793	0.6634	0.2564	0.7193
colposcopies-c	0.2069	0.7931	0.2825	-0.2514	0.7939
column-2c	0.0968	0.9032	0.0882	-0.7087	0.9291
column-3c	0.3871	0.4086	0.4055	0.0882	0.6548
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons10%	0.4827	0.5173	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.2885	0.7115	0.2878	-0.4216	1.0000
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.0699	0.9301	0.0653	0.0000	0.1756
crabs	0.4000	0.3000	0.4272	0.2000	0.5288
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.4444	0.5556	0.4500	-0.0976	1.0000
cultivars	0.1562	0.0527	0.0945	0.1290	0.2214
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1467	0.2844	0.1427	-0.0213	0.8284
cyclopentane	0.2963	0.7037	0.2826	-0.3256	1.0000
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.1605	0.8395	0.1383	0.0000	0.3379
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.1678	0.8322	0.1437	0.0000	0.3484
dermatology	0.0541	0.3153	0.0171	0.0000	0.4072
desharnais	0.1250	0.5833	0.1333	-0.1429	0.6270
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.5000	0.5000	0.5384	0.0663	0.8978
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.9167	0.0833	0.9226	0.8333	0.3145
diamonds	0.3833	0.3083	0.3669	0.2688	0.2377
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.6250	0.3750	0.7273	0.3425	0.5306
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dna10%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.3228	0.4515	0.1627	0.0000	0.3888
drug-01	0.0213	0.2796	0.0068	-0.0020	0.4848
drug-02	0.0372	0.2751	0.0530	-0.0002	0.4903
drug-03	0.0106	0.3298	0.0868	0.0019	0.4014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-04	0.0532	0.2705	0.0882	-0.0003	0.6109
drug-05	0.0106	0.2827	0.0442	0.0036	0.3893
drug-06	0.1170	0.2523	0.1597	0.0246	0.6086
drug-07	0.0053	0.3316	0.0019	-0.0035	0.4806
drug-08	0.0053	0.2842	0.0114	-0.0045	0.4790
drug-09	0.0053	0.3316	0.0024	-0.0012	0.3126
drug-10	0.0160	0.2812	0.1468	0.0007	0.4511
drug-11	0.0000	0.2857	0.0000	-0.0060	0.4395
drug-12	0.0106	0.3298	0.0040	-0.0064	0.3705
drug-13	0.0213	0.2796	0.0594	-0.0027	0.5141
drug-14	0.0000	0.2857	0.0000	-0.0077	0.4620
drug-15	0.0532	0.2705	0.0242	0.0059	0.3864
drug-16	0.0319	0.3227	0.1851	0.0048	0.4368
drug-17	0.0851	0.2614	0.0692	0.0068	0.6630
drug-18	0.0053	0.9947	0.0053	0.0000	0.0152
drug-19	0.0053	0.2842	0.0015	0.0000	0.2040
drybean	0.4827	0.1478	0.5568	0.4238	0.2942
ecoli	0.0294	0.3235	0.0095	0.0000	0.3737
ecoliCP-IM	0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM	0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU	0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM	0.0606	0.9394	0.2661	-0.0601	0.2779
ecommerce	0.3000	0.3500	0.3320	0.0703	0.6964
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.4546	0.5454	0.5299	0.0068	0.5940
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.8544	0.1456	0.5031	0.0059	0.7448
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.1000	0.9000	0.0909	0.0000	0.2369
finance	0.3725	0.6275	0.3775	-0.2382	1.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.3125	0.2292	0.3598	0.2281	0.3311
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.1346	0.4327	0.1374	-0.1561	0.4925
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.0737	0.6175	0.0458	0.0000	0.3825
gene	0.2524	0.4984	0.1343	0.0000	0.4017
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.0952	0.3016	0.0303	0.0025	0.3750
glass-g2	0.3750	0.6250	0.4000	-0.1765	0.9746
glassBWFP	0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP	0.1905	0.8095	0.1600	-0.3077	0.9101
glassContainers	0.0455	0.9545	0.0435	-0.0948	0.3845
glassNW	0.0952	0.9048	0.0870	-0.3168	0.7847
glassTableware	0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP	0.0476	0.9524	0.0455	0.0000	0.1250
GlaucomaM	0.3684	0.6316	0.3561	-0.2809	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.3810	0.6190	0.4068	-0.1513	0.9738
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.1333	0.4333	0.0588	0.0000	0.4133
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.2667	0.7333	0.2105	0.0000	0.4565
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.0093	0.2831	0.1038	0.0041	0.4310
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.4375	0.3750	0.2029	0.0000	0.3849
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.0200	0.4900	0.1058	0.0060	0.3326
heart	0.5185	0.4815	0.4785	-0.0415	0.9935
heart-attack	0.4516	0.5484	0.4797	-0.0233	0.8538
heart-c	0.4667	0.5333	0.4829	-0.0256	0.9214
heart-failure	0.1180	0.8820	0.1385	-0.5120	0.9231
heart-quantum	0.4000	0.6000	0.3750	-0.2500	1.0000
hepatitis	0.6667	0.3333	0.4000	-0.1905	0.8958
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	0.2308	0.7692	0.1875	0.0000	0.4238
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.4155	0.5845	0.4158	-0.1679	1.0000
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0714	0.2321	0.0192	-0.0055	0.3924
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.1111	0.5926	0.0741	-0.1056	0.6902
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.0464	0.9536	0.0946	-0.1024	0.3930
hypothyroid	0.0027	0.4987	0.0013	-0.0001	0.1282
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.3898	0.6102	0.4510	-0.0738	0.8469
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.1429	0.8571	0.1685	-0.4789	0.9254
iris	0.6667	0.2222	0.5543	0.4604	0.2761
irish	0.5000	0.5000	0.6312	0.0955	0.5307
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.1938	0.8062	0.1623	0.0000	0.3824
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.1564	0.8436	0.1352	0.0000	0.3319
kc1-class-level-defectiveornot	0.4000	0.6000	0.2857	0.0000	0.5239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.0000	0.4000	0.0000	-0.0833	0.3720
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.2115	0.7885	0.1746	0.0000	0.4033
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.0526	0.9474	0.0500	0.0000	0.1368
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.3750	0.6250	0.2727	0.0000	0.5170
krkopt	0.0036	0.1107	0.0075	0.0014	0.4906
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.5000	0.5000	0.6604	0.1818	0.5239
leaf	0.0294	0.0844	0.0032	-0.0294	0.3835
led24	0.1500	0.1889	0.1436	0.0957	0.3735
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.1389	0.1148	0.1308	0.0630	0.3812
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.3529	0.6471	0.4032	-0.1508	0.9067
loan	0.1148	0.8852	0.1104	-0.7355	0.9897
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.0377	0.2749	0.1930	0.0033	0.3924
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.2500	0.3000	0.0800	0.0000	0.3844
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.5556	0.4444	0.6667	0.1818	0.5283
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.3191	0.6809	0.3310	-0.3141	1.0000
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.1836	0.8164	0.1901	-0.3941	0.9555
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.3750	0.6250	0.3764	-0.2198	1.0000
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.2871	0.4752	0.2929	-0.0071	0.7236
math	0.1750	0.4125	0.2270	0.0000	0.5154
mba	0.0290	0.6473	0.1679	0.0072	0.3353
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1933	0.3227	0.1839	-0.0027	0.7874
messidor	0.4609	0.5391	0.4850	-0.0259	0.9534
meter-A	0.1250	0.8750	0.1111	-0.7500	0.9897
meter-B	0.4444	0.3704	0.4375	0.1818	0.4885
meter-C	0.2778	0.3611	0.2630	0.1333	0.4479

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-D	0.3333	0.3333	0.2845	0.2000	0.3054
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.1250	0.1750	0.1324	0.0278	0.5051
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.0250	0.1950	0.0436	-0.0833	0.5207
mice-prot	0.0926	0.2269	0.1648	-0.0059	0.5231
milk	0.4245	0.3836	0.4263	0.1350	0.6932
mines	0.1471	0.3412	0.1449	-0.0591	0.7061
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.4909	0.5091	0.3293	0.0000	0.5293
monks-2	0.3443	0.6557	0.2561	0.0000	0.5052
monks-3	0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral	0.6750	0.3250	0.7335	0.3500	0.4973
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.3333	0.2222	0.2667	0.2000	0.2258
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.0973	0.9027	0.0887	0.0000	0.2317
new-thyroid	0.1429	0.5714	0.0833	0.0000	0.3173
new-thyroidT	0.0476	0.9524	0.0455	-0.2069	0.5691
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.2917	0.4722	0.1522	0.0022	0.4345
nursery	0.0255	0.4873	0.0124	0.0000	0.4115
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.2870	0.3565	0.5981	0.1857	0.2829
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.0582	0.4709	0.2876	0.0128	0.2445
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.1404	0.1910	0.1497	0.0858	0.3755
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.0356	0.9644	0.0344	0.0000	0.0956
ozone8hr	0.0751	0.9249	0.0699	0.0000	0.1868
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.0256	0.3898	0.0100	0.0000	0.1127
parkinson	0.0083	0.9917	0.0083	-0.9245	0.9784
parkinsons	0.3934	0.6066	0.3858	-0.2231	1.0000
parkinsons-small	0.1579	0.8421	0.1868	-0.4340	0.8544
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.5000	0.3333	0.2222	0.0000	0.3770
pc1	0.0721	0.9279	0.0672	0.0000	0.1803
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.0237	0.1953	0.0369	-0.0957	0.5799
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.3250	0.6750	0.2453	-0.0100	0.5499
phishing	0.4531	0.5469	0.4533	-0.0910	0.9918
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.1907	0.8093	0.2424	-0.2589	0.8440
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.3947	0.6053	0.2830	0.0000	0.5226
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.2460	0.7540	0.2505	-0.4105	1.0000
plant-growth	0.5263	0.4737	0.5345	0.0656	0.9580
plrx	0.5556	0.4444	0.4462	-0.1077	0.9442
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.0020	0.2852	0.0080	-0.0001	0.4165
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.4559	0.5441	0.3883	-0.0882	0.8662
prestige	0.5556	0.2963	0.5045	0.3684	0.3184
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.0926	0.9074	0.0847	0.0000	0.2225
raisin	0.4444	0.5556	0.4439	-0.1111	1.0000
rcv11%	0.0019	0.0487	0.0001	0.0000	0.3465
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.1011	0.2996	0.1754	-0.0048	0.5204
satimageF	0.1244	0.8756	0.5310	0.0039	0.2566
satimageT	0.1011	0.8989	0.0918	0.0000	0.2389
scadi	0.1429	0.3429	0.0500	0.0000	0.3800
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.5294	0.4706	0.5587	0.0588	0.7405
sclerosis	0.5185	0.4815	0.3415	-0.0734	0.8035
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.1429	0.5714	0.2115	-0.2857	0.5825
segment	0.1688	0.2375	0.2153	0.0136	0.4783
segmentation	0.3465	0.6535	0.3889	-0.1765	0.9422
segmentO	0.1126	0.8874	0.2121	-0.2046	0.5837
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.0907	0.9093	0.0831	0.0000	0.2187
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.0504	0.9496	0.0480	-0.0323	0.2499
sirtuin6	0.4000	0.6000	0.3902	-0.2000	1.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.0388	0.9612	0.0584	-0.4197	0.7411
smarket	0.0240	0.9760	0.0234	-0.9486	1.0000
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.2794	0.7206	0.3125	-0.2565	0.9496
soil_pollution	0.1800	0.3280	0.2007	-0.0190	0.7666
solar-flare	0.0288	0.3237	0.0094	-0.0082	0.4608
sonar	0.4500	0.5500	0.4246	-0.1000	0.9438
spam-detection	0.0920	0.9080	0.0842	0.0000	0.2214
spambase	0.0978	0.9022	0.0998	-0.6894	1.0000
spect	0.2222	0.7778	0.1818	0.0000	0.4150
spectf	0.2286	0.7714	0.2896	-0.1595	0.7908
spectrometer	0.0385	0.0712	0.0307	0.0166	0.3541
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.3700	0.6300	0.2701	0.0000	0.5154
squash-stored	0.4000	0.4000	0.3571	0.1667	0.5000
squash-unstored	0.6000	0.4000	0.5833	0.1667	0.9308
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.1897	0.8103	0.3225	-0.1186	0.6581
steel-d	0.0308	0.9692	0.0299	0.0000	0.0835
steel-k	0.0308	0.9692	0.0462	-0.4254	0.7351
steel-o	0.2769	0.7231	0.3198	-0.2144	0.9098
steel-p	0.0872	0.9128	0.5213	0.0009	0.2022
steel-s	0.0308	0.9692	0.0299	-0.0207	0.1663
steel-z	0.0821	0.9179	0.0758	-0.0312	0.3171
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.1806	0.8194	0.1529	0.0000	0.3656
stockb	0.4009	0.3994	0.3977	0.1002	0.6026
streaming	0.2080	0.7920	0.1796	-0.5063	1.0000
stress	0.2698	0.2921	0.3263	0.0806	0.3508
student-lifestyle	0.0250	0.3900	0.2576	0.0145	0.3956
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0600	0.3760	0.2088	0.0017	0.5356
student-weekend	0.1846	0.3262	0.0649	0.0069	0.4276
student-workday	0.0156	0.3937	0.0089	-0.0128	0.4821
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.0667	0.6222	0.0741	-0.4000	0.8098
telco-churn	0.2770	0.7230	0.5263	0.0046	0.4883
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.2368	0.7632	0.3107	-0.1849	0.8239
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
titanic	0.6773	0.3227	0.4038	0.0000	0.4575
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.2400	0.7600	0.1935	0.0000	0.4329
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.0476	0.3175	0.0152	0.0000	0.3614
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.5000	0.2500	0.3854	0.3333	0.2663
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.0327	0.9673	0.0316	0.0000	0.0883
ur3_cobotops_stop	0.0367	0.9633	0.0354	0.0000	0.0985
urban	0.0149	0.2189	0.0035	-0.0385	0.4855
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.0952	0.4524	0.1535	-0.2246	0.5751
vehicleVAN	0.0238	0.9762	0.0317	-0.5619	0.8163
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.4884	0.5116	0.3281	0.0000	0.5296
vowel	0.0505	0.1726	0.0685	-0.0444	0.5159
vowelZ	0.0808	0.9192	0.0748	-0.0204	0.2815
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.1080	0.5947	0.1122	-0.3424	0.8449
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.0741	0.6173	0.0460	0.0000	0.3984
Weekly	0.4444	0.5556	0.3077	0.0000	0.5302
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.6667	0.2500	0.0000	0.5000
wifi-loc	0.0100	0.4950	0.0186	-0.3200	0.5673
wilt	0.0455	0.9545	0.0436	-0.0083	0.1593
wine	0.0000	0.6667	0.0000	-0.2298	0.5371
winequality-red	0.0063	0.3312	0.0021	-0.0008	0.4119
winequality-white	0.0041	0.3320	0.0015	-0.0022	0.4714
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.0526	0.9474	0.0564	-0.7568	0.9688
yale	0.0625	0.1250	0.0078	0.0000	0.4106

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeast	0.0068	0.2207	0.0016	-0.0029	0.4495
yeastCYT-POX	0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2	0.0473	0.9527	0.0452	0.0000	0.1242
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 413: Detailed results for PRIM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1301	0.0828	0.0851	0.0603	0.5738
abalone19	0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18	0.7945	0.2055	0.5979	0.1358	0.4689
accelerometer	0.8847	0.1153	0.6487	0.1518	0.2994
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.8016	0.1984	0.4830	-0.0328	0.6707
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.0873	0.9127	0.0803	0.0000	0.2120
AID_1878	0.1810	0.8190	0.1532	0.0000	0.3661
AID_602330	0.1458	0.8542	0.5384	0.0101	0.1224
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8639	0.1361	0.8065	0.6081	0.5785
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.5905	0.1638	0.2224	0.1027	0.6255
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.8186	0.1814	0.7969	0.5897	0.6363
anneal	0.7079	0.1169	0.1658	0.0000	0.2204
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	0.9930	0.0070	0.8705	0.7027	0.5193
anuran-family	0.9513	0.0243	0.9298	0.9074	0.1926
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.4833	0.1033	0.0652	0.0000	0.2803
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.8125	0.1875	0.8193	0.6250	0.5933
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.5556	0.0889	0.0714	0.0000	0.2612
auction	0.7206	0.2794	0.7267	0.3399	0.5162
audiology	0.0455	0.1736	0.0079	0.0000	0.3844
audit-risk	0.0000	1.0000	0.0000	-0.9192	0.9694
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.1000	0.3600	0.0364	0.0000	0.4019
avila	0.2233	0.1295	0.0507	0.0998	0.4937
babies	0.4839	0.1475	0.1596	0.1844	0.4040
balance	0.7097	0.1935	0.4958	0.4492	0.4039
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.7143	0.2857	0.6918	0.3824	0.8136
biomed	0.8095	0.1905	0.7981	0.5962	0.6596
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9040	0.0274	0.1358	0.0083	0.4031
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5065	0.4935	0.5063	0.0123	0.9877
breast-cancer	0.4643	0.5357	0.5913	0.1176	0.6833
breast-cancer-co	0.4545	0.5455	0.4777	-0.0312	0.9055
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.1818	0.2727	0.1667	0.0198	0.4335
bridges	0.5000	0.1667	0.1111	0.0000	0.3136
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9667	0.0333	0.9606	0.9180	0.1262
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9275	0.0725	0.9221	0.8321	0.2236
cancer-uae	0.3060	0.4627	0.3401	0.0162	0.6929
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography	0.3052	0.1390	0.1107	0.1389	0.3814
cardiotocography-nsp	0.7418	0.1721	0.4324	0.3822	0.5422
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3477	0.4349	0.1720	0.0000	0.4145
cars	0.6500	0.2333	0.4967	0.3785	0.5828
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9908	0.0092	0.6967	0.1608	0.2200
chrom191%	0.9853	0.0147	0.6970	0.1360	0.1846
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.8193	0.1807	0.5400	0.0740	0.6362
churn	0.7420	0.2580	0.6615	0.3132	0.7658
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.6905	0.2063	0.4569	0.3469	0.4118
cjs	0.2429	0.2524	0.0651	0.0000	0.3839
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.3991	0.3005	0.1426	0.0000	0.3286
climate	0.8889	0.1111	0.5950	0.1900	0.6824
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5374	0.3084	0.5227	0.2712	0.6895
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2241	0.1411	0.0333	0.0000	0.3196
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.8831	0.1169	0.8673	0.7258	0.5165
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.5517	0.4483	0.6105	0.1822	0.7966
colposcopies-2	0.6207	0.3793	0.6380	0.2599	0.8460
colposcopies-3	0.6207	0.3793	0.6256	0.2459	0.8861
colposcopies-4	0.5517	0.4483	0.4160	-0.1672	0.9551
colposcopies-5	0.6897	0.3103	0.4082	-0.1810	0.8560
colposcopies-6	0.5172	0.4828	0.5107	0.0193	0.9605
colposcopies-c	0.5517	0.4483	0.5505	0.0872	0.8036
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.7742	0.1505	0.7197	0.6401	0.2818
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons10%	0.5173	0.4827	0.3409	0.0000	0.5256
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7163	0.2837	0.7175	0.4320	0.7918
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.7500	0.1250	0.7957	0.6667	0.1607
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	0.4444	0.5556	0.4500	-0.0976	1.0000
cultivars	0.0625	0.0586	0.0417	0.0323	0.2667
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.1579	0.0082	0.8363
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.9599	0.0401	0.9228	0.8372	0.1899
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.6294	0.3706	0.5489	0.0843	0.7314
dermatology	0.0541	0.3153	0.0171	0.0000	0.4072
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.2500	0.5000	0.1333	0.0000	0.4234
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.5192	0.4808	0.5537	0.0947	0.8938
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.3833	0.3083	0.3902	0.2147	0.1930
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.4966	0.3356	0.2212	0.0000	0.3715
drug-01	0.2181	0.2234	0.1592	0.0502	0.5794
drug-02	0.2872	0.2036	0.1486	0.0502	0.6555
drug-03	0.4043	0.1986	0.1596	0.0351	0.7789

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-04	0.4468	0.1581	0.2142	0.0596	0.7358
drug-05	0.4309	0.1626	0.1338	-0.0016	0.4657
drug-06	0.0957	0.2584	0.0250	0.0000	0.3970
drug-07	0.2394	0.2535	0.1262	-0.0407	0.6403
drug-08	0.2447	0.2158	0.1609	0.0303	0.6343
drug-09	0.6702	0.1099	0.1916	0.0591	0.4405
drug-10	0.4521	0.1565	0.2474	0.1614	0.5976
drug-11	0.5319	0.1337	0.2157	-0.0042	0.4192
drug-12	0.4415	0.1862	0.1962	0.1018	0.6188
drug-13	0.4202	0.1657	0.2118	0.1684	0.5892
drug-14	0.3511	0.1854	0.1481	0.0553	0.7235
drug-15	0.5213	0.1368	0.1450	0.0844	0.7566
drug-16	0.4468	0.1844	0.2766	0.2216	0.5509
drug-17	0.2819	0.2052	0.3023	0.1296	0.7292
drug-18	0.9734	0.0266	0.4933	-0.0086	0.2805
drug-19	0.6489	0.1003	0.1234	0.0188	0.6104
drybean	0.0419	0.2737	0.1422	-0.1003	0.5890
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM	0.7576	0.2424	0.4310	0.0000	0.3942
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2200	0.3900	0.2161	-0.0375	0.8387
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.2323	0.7677	0.2252	-0.5497	1.0000
eeg10%	0.1387	0.1077	0.0152	0.0000	0.3662
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.2073	0.0933	0.0202	0.0000	0.3505
fertility	0.6000	0.4000	0.3750	-0.1765	0.5613
finance	0.4118	0.5882	0.3883	-0.2162	1.0000
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.6875	0.1042	0.5344	0.5897	0.1297
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.8654	0.0673	0.8567	0.8141	0.1540
gas	0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5116	0.3256	0.2819	-0.0281	0.6412
gene	0.5110	0.3260	0.2255	0.0000	0.3731
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.0476	0.3175	0.0278	-0.1024	0.4781
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.6190	0.3810	0.5962	0.1923	0.9155
glassBWNFP	0.7143	0.2857	0.7361	0.4375	0.7044
glassContainers	0.8636	0.1364	0.4634	-0.0645	0.7409
glassNW	0.7143	0.2857	0.4167	-0.0862	0.8264
glassTableware	0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.8452	0.1548	0.8416	0.6829	0.5779
green	0.8000	0.2000	0.8276	0.6000	0.5000
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.5000	0.5000	0.6664	0.1993	0.5068
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.2951	0.2014	0.0794	-0.0292	0.3864
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth	0.4492	0.0918	0.0517	0.0000	0.2692
harth1%	0.4493	0.0918	0.0517	0.0000	0.2692
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.4375	0.3750	0.2222	0.0137	0.3984
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.6700	0.1650	0.3187	0.1508	0.7071
heart	0.5926	0.4074	0.5613	0.1187	0.9376
heart-attack	0.7419	0.2581	0.7417	0.4655	0.7192
heart-c	0.6000	0.4000	0.6166	0.1589	0.7379
heart-failure	0.8260	0.1740	0.8337	0.6391	0.5565
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6527	0.3473	0.6577	0.3104	0.8614
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.1429	0.2143	0.0500	-0.0500	0.3974
hinselmann	0.3000	0.7000	0.5858	0.0541	0.4150
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5000	0.3333	0.3269	0.0414	0.5816
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.8793	0.1207	0.7880	0.5181	0.5693
hypothyroid	0.0133	0.4934	0.0288	-0.1091	0.1712
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.5424	0.4576	0.5351	0.0646	0.8748
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.9146	0.8148	0.3671
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0372	0.0741	0.0028	0.0000	0.4203
jm1	0.1947	0.8053	0.5445	0.0004	0.3826
jvowels	0.1627	0.1861	0.0311	0.0000	0.3941
kc1	0.1659	0.8341	0.4719	-0.0043	0.3735
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.2115	0.7885	0.1746	0.0000	0.4033
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.5732	0.0427	0.0364	0.0000	0.1398
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2103	0.0877	0.1552	0.1156	0.5461
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc	0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	0.6667	0.3333	0.7500	0.4000	0.5283
leaf	0.0000	0.0870	0.0000	-0.0386	0.3260
led24	0.2000	0.1778	0.1465	0.0616	0.3638
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0380	0.0740	0.0028	0.0000	0.4195
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.6944	0.0407	0.7028	0.6719	0.1217
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7059	0.2941	0.6994	0.3863	0.7816
loan	0.9742	0.0258	0.9726	0.9451	0.1664
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.2642	0.2102	0.3655	0.0764	0.4546
lung	0.0476	0.3810	0.0182	0.0000	0.2983
lung_discrete	0.5000	0.2000	0.3750	0.3600	0.2776
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.4444	0.5556	0.4500	-0.0976	1.0000
lymphography	0.5714	0.2857	0.2424	0.0000	0.3175
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.8936	0.1064	0.8961	0.7857	0.4327
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7854	0.2146	0.7563	0.5036	0.6925
malware	0.8108	0.1892	0.4478	0.0000	0.3405
mammography	0.7396	0.2604	0.7521	0.4859	0.7121
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.5842	0.2772	0.6020	0.3713	0.5783
math	0.7750	0.1125	0.7655	0.6538	0.2871
mba	0.6484	0.2344	0.4057	0.2056	0.5464
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.1959	-0.0057	0.7936
messidor	0.6522	0.3478	0.6565	0.3083	0.8608
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	0.0000	0.6667	0.0000	-0.3729	0.7201
meter-C	0.5000	0.2500	0.5458	0.3278	0.3038
meter-D	0.5000	0.2500	0.3937	0.3333	0.3604

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.5350	0.0930	0.4697	0.4833	0.1958
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.8250	0.0350	0.8298	0.8056	0.1636
mice-prot	0.1389	0.2153	0.0347	0.0000	0.4174
milk	0.2075	0.5283	0.3081	-0.0627	0.6022
mines	0.4118	0.2353	0.4050	0.2696	0.4753
mobile	0.0175	0.0351	0.0006	0.0000	0.4297
monks-1	0.4909	0.5091	0.3293	0.0000	0.5293
monks-2	0.4098	0.5902	0.4807	-0.0281	0.8623
monks-3	0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.1667	0.2778	0.1667	0.0000	0.3261
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.8021	0.1979	0.7385	0.3829	0.5392
new-thyroid	0.4762	0.3492	0.4651	0.0128	0.3809
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.9427	0.0573	0.9030	0.8011	0.4332
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4167	0.3889	0.3320	0.0217	0.7524
nursery	0.3966	0.3017	0.2429	0.0971	0.4708
obesity	0.1517	0.2424	0.0376	0.0000	0.4015
obs	0.0093	0.4954	0.0050	-0.2534	0.5209
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.1461	0.4269	0.5003	0.1026	0.1901
oh0-wc	0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.4386	0.1248	0.2041	0.2745	0.2927
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.0887	0.9113	0.0814	0.0000	0.2147
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0907	0.1819	0.0166	0.0000	0.4085

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9249	0.0751	0.6437	0.2613	0.5600
ozone8hr	0.8814	0.1186	0.6117	0.2217	0.6727
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.0000	0.4000	0.0000	-0.0189	0.3556
parkinson	0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons	0.7441	0.2559	0.7325	0.4642	0.7662
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7192	0.2808	0.4183	0.0000	0.4269
pasture	0.7500	0.1667	0.5714	0.6000	0.1321
pc1	0.8739	0.1261	0.7275	0.4018	0.5823
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.5350	0.0930	0.5838	0.4829	0.2828
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.6582	0.3077	0.8309
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.6600	0.3400	0.6185	0.2370	0.8794
phishing	0.8408	0.1592	0.8327	0.6654	0.5922
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%	0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.8056	0.1944	0.8071	0.5844	0.6059
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6974	0.3026	0.6816	0.3630	0.8330
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.7570	0.2430	0.7477	0.4917	0.7373
plant-growth	0.6316	0.3684	0.6333	0.2652	0.8937
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4156	0.1670	0.2054	0.0722	0.8619
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.6422	0.3578	0.3910	0.0000	0.4790
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2093	0.3163	0.0692	0.0000	0.4005

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pred-tox_mutagen_ref-desc	0.5882	0.4118	0.6005	0.1765	0.8657
prestige	0.7778	0.1481	0.7222	0.6538	0.2586
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6866	0.3134	0.5921	0.1145	0.7209
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9737	0.0263	0.9171	0.8234	0.1493
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.6719	0.1094	0.5524	0.5934	0.3077
satimageF	0.9642	0.0358	0.9184	0.8315	0.4000
satimageT	0.8445	0.1555	0.7419	0.4315	0.6010
scadi	0.1429	0.3429	0.0500	0.0000	0.3800
schiller	0.4444	0.5556	0.6429	0.1509	0.4711
schizo	0.5294	0.4706	0.5315	0.0588	0.9560
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.1645	0.2387	0.1181	0.0256	0.4820
segmentation	0.8069	0.1931	0.8071	0.6026	0.6336
segmentO	0.9740	0.0260	0.9539	0.9036	0.2939
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.6237	0.3763	0.5584	0.0883	0.6284
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.7162	0.2838	0.5998	0.1240	0.4491
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9824	0.0176	0.9733	0.9466	0.1555
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.7240	0.2760	0.7411	0.4567	0.7167
soil_pollution	0.1900	0.3240	0.1789	-0.0144	0.8456
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.6500	0.3500	0.6741	0.3000	0.7546
spam-detection	0.1390	0.8610	0.5116	0.0034	0.2572
spambase	0.8761	0.1239	0.8696	0.7387	0.5021
spect	0.7407	0.2593	0.6897	0.3636	0.7481
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer	0.0192	0.0727	0.0123	-0.0023	0.3502
splice-EI	0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE	0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles	0.6300	0.3700	0.3865	0.0000	0.4856
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.6462	0.3538	0.6977	0.3107	0.6134
steel-d	0.8769	0.1231	0.5710	0.0993	0.4186
steel-k	0.2051	0.7949	0.1702	0.0000	0.3960
steel-o	0.2923	0.7077	0.2947	-0.3790	0.9861
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.9231	0.0769	0.8490	0.6649	0.5368
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8403	0.1597	0.7506	0.4979	0.6799
stockb	0.4537	0.3642	0.3984	0.1789	0.5218
streaming	0.9280	0.0720	0.9308	0.8561	0.3155
stress	0.0000	0.4000	0.0000	-0.2572	0.4942
student-lifestyle	0.5500	0.1800	0.3366	0.2902	0.5677
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4100	0.2360	0.1972	0.0929	0.6410
student-weekend	0.3692	0.2523	0.2739	0.0966	0.6209
student-workday	0.2969	0.2812	0.1973	0.0028	0.5213
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4000	0.4000	0.3964	0.1000	0.7207
telco-churn	0.8239	0.1761	0.7713	0.5423	0.6733
texture	0.0582	0.1712	0.0100	0.0000	0.4133
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.5789	0.4211	0.5873	0.1579	0.8352
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6670	0.3307	0.8305
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6000	0.4000	0.6221	0.2055	0.7446
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.2250	0.3875	0.1728	-0.0333	0.6681
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.7755	0.2245	0.6081	0.1024	0.3080
ur3_cobotops_stop	0.8558	0.1442	0.6886	0.2480	0.4147
urban	0.0448	0.2123	0.0285	-0.0166	0.4844
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.6786	0.1607	0.6226	0.5658	0.3589
vehicleVAN	0.9286	0.0714	0.9135	0.8209	0.4048
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.4884	0.5116	0.3281	0.0000	0.5296
vowel	0.4343	0.1028	0.4748	0.3778	0.2965
vowelZ	0.8586	0.1414	0.4620	-0.0694	0.7435
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.7760	0.1493	0.7776	0.6641	0.4588
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.6148	0.2568	0.5939	0.3938	0.5198
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9400	0.0600	0.7849	0.5377	0.5722
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5975	0.1342	0.3394	0.3579	0.4480
winequality-white	0.3231	0.2256	0.0981	0.0287	0.7091
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.3176	0.1517	0.1193	0.1111	0.3404
yeastCYT-POX	0.8776	0.1224	0.4674	-0.0576	0.5101
yeastEXC	0.9189	0.0811	0.6381	0.2183	0.4747

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastME1	0.9797	0.0203	0.8759	0.7176	0.5112
yeastME2	0.9257	0.0743	0.6143	0.2277	0.6322
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 414: Detailed results for PRISM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0048	0.0948	0.0005	0.0000	0.3920
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.6000	0.4000	0.6774	0.2000	0.5164
adult	0.7856	0.2144	0.6470	0.2012	0.6095
advanced-iot	0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6000	0.4000	0.5238	0.0476	0.9294
AID644red	0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8685	0.1315	0.8140	0.5712	0.3667
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8510	0.1490	0.6046	0.0083	0.3150
airline	0.8842	0.1158	0.8898	0.7570	0.3312
alcohol	0.7048	0.1181	0.2602	0.0466	0.2157
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.7628	0.2372	0.7373	0.4047	0.5808
anneal	0.9775	0.0090	0.7843	0.9509	0.0279
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.8818	0.0591	0.8607	0.7581	0.1701
anuran-genus	0.8790	0.0302	0.7745	0.7824	0.1180
anuran-species	0.8792	0.0242	0.8056	0.8215	0.1163
anxiety	0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality	0.6450	0.3550	0.7019	0.2900	0.5784
aps-failure	0.9822	0.0178	0.6711	0.0283	0.0610
arabidopsis0.1%	0.9706	0.0294	0.4925	-0.0125	0.3951
arcene	0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia	0.6000	0.0800	0.2022	0.1777	0.3320
auction	0.9069	0.0931	0.7615	0.3913	0.2180
audiology	0.0455	0.1736	0.0079	0.0000	0.3844
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adolescent	0.8182	0.1818	0.8136	0.5600	0.3750
autism-adult	0.8429	0.1571	0.8211	0.6330	0.6065
autism-child	0.6552	0.3448	0.6546	0.3062	0.8683
autos	0.5000	0.1667	0.3449	0.2933	0.2835
babies	0.3710	0.1797	0.0782	-0.0246	0.3336
balance	0.6774	0.2151	0.4761	0.3998	0.3940
bank	0.8980	0.1020	0.6737	0.2062	0.3962
banknote	0.8467	0.1533	0.8586	0.6788	0.3693
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8479	0.1521	0.8397	0.6410	0.4127
bio	0.9946	0.0054	0.8185	0.5883	0.1774
bio10%	0.9945	0.0055	0.8235	0.6337	0.3330
biodeg	0.8000	0.2000	0.7843	0.5523	0.6307
biomed	0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.3679	0.3160	0.4716	0.1572	0.4392
bookings	0.9697	0.0202	0.6481	0.9346	0.0758
brain-tumor	0.5100	0.4900	0.5201	0.0175	0.7612
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.6364	0.3636	0.6857	0.2143	0.5000
breast-tissue	0.3636	0.2121	0.2350	0.2062	0.3312
bridges	0.6000	0.1143	0.2500	0.2593	0.2276
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9275	0.0725	0.9221	0.8321	0.2236
cancer-uae	0.4930	0.3380	0.3070	0.0023	0.3876
car	0.7701	0.1149	0.3722	0.3288	0.2056
car-insurance	0.7790	0.2210	0.7344	0.3786	0.5238
card	0.8406	0.1594	0.8389	0.6616	0.5218
cardiotocography	0.4085	0.1183	0.3100	0.2177	0.3189
cardiotocography-nsp	0.8639	0.0908	0.7183	0.5440	0.3451
cardiovascular	0.6905	0.3095	0.6977	0.3808	0.7953
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0098
cars	0.7000	0.2000	0.4480	0.2993	0.3133
cas_N6512_RDkit_Avalon_FP	0.7439	0.2561	0.7469	0.4736	0.7078
cas_N6512_rdkit_descriptors	0.6046	0.3954	0.6264	0.1591	0.6923
cas_N6512_rdkit_LAYERED	0.6862	0.3138	0.6887	0.3510	0.7781
cas_N6512_rdkit_MACCS	0.5591	0.4409	0.6040	0.0476	0.5638
cas_N6512_RDkit_MACCS_FP	0.5859	0.4141	0.6006	0.1176	0.7156
cdc_diabetes	0.8433	0.1044	0.3997	0.0206	0.1969
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8211	0.5667	0.0839
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9970	0.0030	0.4992	-0.0010	0.4761
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.7055	0.1473	0.5391	0.5386	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8080	0.1920	0.6525	0.1006	0.4062
churn-bigml	0.8727	0.1273	0.7037	0.2007	0.2671

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ci900367j_MACCS	0.6526	0.3474	0.6101	0.1245	0.6794
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.6429	0.2381	0.4354	0.2085	0.3880
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.6824	0.1588	0.4751	0.4767	0.3422
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.4167	0.3889	0.3467	0.0667	0.5311
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4354	0.3764	0.3994	0.0143	0.3909
cnae-9	0.8426	0.0350	0.8511	0.8229	0.1492
codon_usage	0.0138	0.1793	0.0025	0.0000	0.3570
coil20	0.0556	0.0944	0.0053	0.0000	0.4152
college	0.8442	0.1558	0.7983	0.5951	0.6222
collins	0.0200	0.1307	0.0026	0.0000	0.4026
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6897	0.3103	0.6221	0.1767	0.7276
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4	0.7241	0.2759	0.5767	0.1008	0.7373
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5862	0.4138	0.6117	0.1512	0.7438
colposcopies-c	0.7931	0.2069	0.6969	0.2018	0.3671
column-2c	0.8710	0.1290	0.8558	0.6702	0.3064
column-3c	0.5806	0.2796	0.4378	0.2324	0.4372
connect-4	0.9821	0.0119	0.6164	0.3521	0.0675
cottonmeloidogyne	0.5048	0.4952	0.3355	0.0000	0.5277
coupon	0.6041	0.3959	0.6188	0.0970	0.6001
covid19	0.4884	0.1462	0.2031	0.0311	0.2498
covtype	0.5826	0.1193	0.4119	0.2155	0.2299
covtype10%	0.5940	0.1160	0.3663	0.2394	0.2438
covtypeCD	0.9210	0.0790	0.8162	0.5575	0.1976
covtypeT	0.9319	0.0681	0.6701	0.0473	0.1703
crabs	0.6500	0.1750	0.6085	0.5333	0.2223
creditcard_trans	0.9991	0.0009	0.8478	0.6746	0.2205
creditcard_trans10%	0.9986	0.0014	0.7605	0.4993	0.3807
crowdsourced	0.8553	0.0482	0.6600	0.6504	0.2364
cryotherapy	0.5556	0.4444	0.3571	0.0000	0.5164
cultivars	0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1733	0.2756	0.0492	-0.0040	0.4226
cyclopentane	0.5556	0.4444	0.3571	0.0000	0.5164
cylinder-bands	0.4815	0.5185	0.5163	0.0270	0.9137
darwin	0.6111	0.3889	0.6858	0.2222	0.5142
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7820	0.2180	0.6255	0.0243	0.3959
defect	0.8704	0.1296	0.7141	0.3319	0.4605
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8874	0.1126	0.6506	0.0779	0.3029
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.8108	0.0631	0.8166	0.7554	0.1495
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
df_final	0.5000	0.3333	0.3926	0.2000	0.5494
DIA	0.7667	0.2333	0.6645	0.0968	0.3895
diabetes	0.8462	0.1538	0.8396	0.6556	0.4818
diabetes-100k	0.9154	0.0846	0.6046	0.0650	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
diabetes-risk	0.8177	0.1823	0.6781	0.1985	0.4446
diabetic1%	0.5098	0.3268	0.3169	0.0262	0.6046
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.6500	0.1750	0.5280	0.4978	0.3354
diamonds_all	0.4045	0.2382	0.2357	0.0113	0.3554
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.9920	0.0080	0.4980	-0.0037	0.4173
dota210%	0.5301	0.4699	0.5281	0.0562	0.9821
drebin	0.9768	0.0232	0.9753	0.9505	0.1498
dropout	0.6275	0.2483	0.5316	0.3036	0.4259
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2606	0.2112	0.1465	0.0151	0.3952
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5798	0.1201	0.1831	0.0351	0.2566
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1368	0.0979	0.0000	0.2706
drug-17	0.3245	0.1930	0.0700	0.0000	0.3521
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.7142	0.0817	0.7095	0.6413	0.2618
ecoli	0.6765	0.0809	0.3834	0.4953	0.2424
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2700	0.3650	0.1905	0.0139	0.4217
eeg	0.0115	0.1236	0.0014	0.0000	0.3917
eeg-eye	0.6202	0.3798	0.6545	0.1703	0.5873
eeg10%	0.0102	0.1237	0.0013	0.0000	0.3919
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4247	0.2301	0.3602	0.2118	0.4169
euthyroid	0.9209	0.0791	0.7359	0.3021	0.1921
exon.vs.intron-freq	0.4731	0.5269	0.3212	0.0000	0.5305
exon.vs.intron-freq10%	0.8724	0.1276	0.8788	0.7413	0.4234
fakenews	0.5075	0.4925	0.5058	0.0088	0.9129
fbis-wc	0.0163	0.1157	0.0019	0.0000	0.3803
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.6600	0.1133	0.4508	0.3753	0.2763
fishcatch	0.5625	0.1458	0.5079	0.3978	0.2423
flags	0.6000	0.1000	0.3529	0.4684	0.2062
forest	0.7500	0.1250	0.7427	0.6483	0.2619
gas	0.8289	0.0570	0.8576	0.7900	0.1792
gastrointestinal	0.6250	0.2500	0.4647	0.3425	0.4490
gender	0.5937	0.2709	0.3657	0.0166	0.3372

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gene	0.8675	0.0883	0.8591	0.7862	0.3240
german	0.6500	0.3500	0.5526	0.0642	0.7808
gestures	0.5899	0.2051	0.6347	0.4529	0.4792
gina	0.6311	0.3689	0.6817	0.2515	0.6112
gisette	0.6243	0.3757	0.6482	0.2486	0.7801
glass	0.4762	0.1746	0.3367	0.2222	0.2869
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP	0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8623	0.6885	0.4011
glioma	0.4000	0.3000	0.3409	0.2105	0.2869
glioma-grade	0.7976	0.2024	0.7898	0.5750	0.6619
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2667	0.3667	0.1730	-0.0784	0.5185
gsalc	0.6667	0.1111	0.6900	0.6087	0.1529
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
har	0.6473	0.1411	0.7056	0.5340	0.3095
har70	0.6329	0.1049	0.3446	0.3604	0.2608
har701%	0.6960	0.0869	0.3787	0.4888	0.2526
har7010%	0.6314	0.1053	0.3436	0.3564	0.2570
harth	0.0012	0.1665	0.0002	0.0000	0.3230
harth1%	0.0012	0.1665	0.0002	0.0000	0.3229
harth10%	0.0012	0.1665	0.0002	0.0000	0.3230
hayes-roth	0.5000	0.3333	0.3590	0.1233	0.4090
hcc-survival	0.4118	0.5882	0.3604	-0.2687	1.0000
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8571	0.6747	0.3522
heart-attack	0.8065	0.1935	0.8110	0.5991	0.5760
heart-c	0.7000	0.3000	0.7171	0.3779	0.6780
heart-failure	0.8160	0.1840	0.7759	0.5325	0.6160
heart-quantum	0.8800	0.1200	0.8764	0.7414	0.4310
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.7532	0.2468	0.7796	0.5047	0.5728
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.5718	0.4282	0.5953	0.0968	0.6887
higgs1%	0.5639	0.4361	0.6003	0.0759	0.6238
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa	0.8820	0.1180	0.7648	0.5043	0.5445
hiva	0.9433	0.0567	0.5571	0.1137	0.6245
horse	0.6389	0.2407	0.5963	0.2877	0.3461
hotel-reservartions	0.7412	0.2588	0.7006	0.2730	0.5174
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.7409	0.1728	0.7861	0.6019	0.3057
ht-sensor10%	0.7286	0.1809	0.7780	0.5828	0.3045
htru2	0.9542	0.0458	0.8548	0.7071	0.4234
hypothyroid	0.9125	0.0438	0.3473	0.0539	0.0956
hypothyroidT	0.9284	0.0716	0.6650	0.1663	0.3257
ilpd	0.6780	0.3220	0.4865	-0.0163	0.8299
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.8660	0.0670	0.8705	0.8213	0.2141

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ionosphere	0.8571	0.1429	0.8291	0.6421	0.5116
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9800	0.9592	0.1023
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.6436	0.0792	0.7188	0.5872	0.2379
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.4409	0.0000	0.3643
kddcup991%	0.0020	0.1535	0.0003	0.0000	0.2182
kddcup9910%	0.0000	0.1053	0.0000	0.0000	0.1949
kepler	0.7082	0.1946	0.6709	0.4592	0.3804
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9500	0.0500	0.9479	0.8904	0.1808
krkopt	0.0139	0.1096	0.0015	0.0000	0.3693
krvskp	0.9969	0.0031	0.9969	0.9937	0.0250
labor	0.6667	0.3333	0.4000	0.0000	0.4644
leaf	0.0294	0.0844	0.0025	0.0000	0.4116
led24	0.3500	0.1300	0.2781	0.2464	0.2936
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0355	0.0742	0.0026	0.0000	0.4201
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.0556	0.1259	0.0070	0.0000	0.4122
linkage	0.9964	0.0036	0.6134	0.0150	0.0587
linkage1%	0.9962	0.0038	0.4990	-0.0003	0.2193
linkage10%	0.9963	0.0037	0.6045	0.0276	0.1021
liver	0.6765	0.3235	0.4035	0.0000	0.4580
loan	0.8829	0.1171	0.8812	0.7345	0.3042
localization	0.0316	0.1761	0.0056	0.0000	0.3471
localization10%	0.0316	0.1761	0.0056	0.0000	0.3472
lrs	0.6981	0.0604	0.3012	0.5494	0.1889
lung	0.9048	0.0381	0.7356	0.7971	0.0831
lung_discrete	0.5000	0.1429	0.2286	0.3333	0.2048
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.5556	0.4444	0.3571	0.0000	0.5164
lymphography	0.8571	0.0714	0.4500	0.7083	0.1472
lymphoma2	0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure	0.9043	0.0957	0.9021	0.7991	0.3880
madelon	0.5769	0.4231	0.6381	0.1538	0.6288
magic04	0.7564	0.2436	0.7393	0.3689	0.4795
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8231	0.6165	0.5323
marketing	0.8795	0.1205	0.7113	0.3259	0.4539
maternal	0.4455	0.3696	0.3585	0.1297	0.5791
math	0.4750	0.2625	0.2840	0.1054	0.3873
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.6667	0.1667	0.7500	0.5556	0.2654
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6870	0.3130	0.6835	0.3257	0.7489
meter-A	0.6250	0.3750	0.5749	0.1429	0.9116
meter-B	0.6667	0.2222	0.7135	0.4375	0.3086
meter-C	0.6111	0.1944	0.6621	0.4684	0.3272
meter-D	0.7778	0.1111	0.8031	0.6828	0.1630
mfeat-fac	0.8700	0.0260	0.8914	0.8556	0.1248

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-fou	0.4950	0.1010	0.5702	0.4389	0.3095
mfeat-kar	0.7250	0.0550	0.8004	0.6944	0.1867
mfeat-mor	0.3150	0.1370	0.3519	0.2389	0.3084
mfeat-pix	0.6900	0.0620	0.7546	0.6556	0.2264
mfeat-zer	0.4650	0.1070	0.5451	0.4056	0.3110
mice-prot	0.9352	0.0162	0.9380	0.9257	0.0514
milk	0.6415	0.2390	0.7093	0.4223	0.3185
mines	0.3529	0.2588	0.2236	0.1605	0.4053
mobile	0.0175	0.0351	0.0006	0.0000	0.4297
monks-1	0.5273	0.4727	0.6266	0.0702	0.5270
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.0350	0.1755	0.0061	0.0000	0.3819
musk	0.9167	0.0833	0.8252	0.6032	0.3104
MUT_ci300400a_cdk_ESTATE	0.6367	0.3633	0.6482	0.1523	0.5811
MUT_ci300400a_cdk_FCFP2	0.6970	0.3030	0.6998	0.3152	0.6339
MUT_ci300400a_cdk_MACCS	0.6811	0.3189	0.6870	0.2730	0.6181
MUT_ci300400a_rdkit_descriptors	0.6692	0.3308	0.6781	0.2571	0.6356
myocardial	0.8647	0.0338	0.2609	0.2759	0.1762
naticusdroid	0.9257	0.0743	0.9286	0.8513	0.3081
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.1852	0.0317	0.0000	0.3342
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.8571	0.0952	0.7816	0.6111	0.1771
new-thyroidT	0.9048	0.0952	0.8056	0.6111	0.5744
newspop	0.5721	0.4279	0.5819	0.0987	0.7541
NHANES_age_prediction	0.8414	0.1586	0.5808	0.0365	0.4386
nomao	0.9071	0.0929	0.8856	0.7502	0.2977
NPHA-doctor-visits	0.5139	0.3241	0.2263	-0.0223	0.4554
nursery	0.8673	0.0531	0.6571	0.8037	0.1448
obesity	0.3934	0.1733	0.4475	0.2806	0.3414
obs	0.6111	0.1944	0.6068	0.3258	0.2816
occupancy	0.8901	0.1099	0.8403	0.6788	0.5231
Occupancy_Estimation	0.7167	0.1417	0.4301	0.0390	0.3056
oh10-wc	0.4000	0.1200	0.4044	0.3067	0.4790
oh15-wc	0.3804	0.1239	0.3521	0.3040	0.5404
oh5-wc	0.2967	0.1407	0.2953	0.2040	0.5852
olive	0.7018	0.0663	0.6481	0.5973	0.1998
opn310k10%	0.9142	0.0858	0.6347	0.1456	0.4244
optdigits	0.3701	0.1260	0.4766	0.3055	0.3334
optdigitsZ	0.9715	0.0285	0.9063	0.7990	0.1631
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8579	0.7143	0.5399
page-blocks	0.9415	0.0234	0.5873	0.5895	0.2256
parkinson	0.8417	0.1583	0.8441	0.6537	0.4341
parkinsons	0.7109	0.2891	0.6792	0.3358	0.7803
parkinsons-small	0.8421	0.1579	0.7857	0.5649	0.6183
particle	0.8714	0.1286	0.8349	0.6441	0.4442
particle10%	0.8785	0.1215	0.8435	0.6752	0.4796
pasture	0.5000	0.3333	0.5333	0.3333	0.1875
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcos	0.9800	0.0200	0.9685	0.9367	0.1571

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pd	0.7763	0.2237	0.6679	0.3200	0.7552
pendigits	0.4786	0.1043	0.6269	0.4252	0.2836
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7551	0.2449	0.7309	0.4511	0.7356
pet-adoption	0.8450	0.1550	0.8270	0.6055	0.3990
phishing	0.9347	0.0653	0.9315	0.8609	0.3033
PhiUSIIL10%	0.9729	0.0271	0.9728	0.9441	0.1259
phone-acc0.1%	0.3836	0.1761	0.3915	0.2636	0.3278
phone-acc1%	0.4166	0.1667	0.4847	0.3035	0.3152
phone-acc10%	0.3883	0.1748	0.4695	0.2692	0.3266
phone-gyr	0.2162	0.2239	0.2948	0.0581	0.3868
phone-gyr0.1%	0.1795	0.2344	0.2153	0.0133	0.4075
phone-gyr1%	0.1827	0.2335	0.2398	0.0174	0.3998
phone-gyr10%	0.1992	0.2288	0.2717	0.0374	0.3920
phoneme	0.7574	0.2426	0.6862	0.1983	0.4447
phy	0.5698	0.4302	0.6220	0.1357	0.6620
pima	0.6711	0.3289	0.6617	0.2057	0.6126
pirvision	0.9798	0.0135	0.9638	0.9335	0.0635
placement	0.6170	0.3830	0.6069	0.1134	0.6758
plant-growth	0.6316	0.3684	0.6907	0.2312	0.5049
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.5013	0.1108	0.2142	0.0047	0.1782
poker1%	0.5015	0.0997	0.1030	0.0052	0.1842
poker10%	0.5000	0.1250	0.1251	0.0009	0.1926
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9408	0.0592	0.7206	0.2419	0.1548
polya	0.6822	0.3178	0.6245	0.1891	0.7474
popularity	0.6323	0.2451	0.3693	0.0071	0.3139
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2901	0.2839	0.3731	0.1164	0.5219
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7556	0.4412	0.5855
prestige	0.6667	0.2222	0.5392	0.4255	0.3013
primary-tumor	0.0909	0.1399	0.0128	0.0000	0.3829
processed	0.3221	0.6779	0.2436	0.0000	0.4941
profb	0.6866	0.3134	0.5973	0.0881	0.6346
promoters	0.6000	0.4000	0.6250	0.2308	0.8533
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.8672	0.0531	0.8497	0.8181	0.1594
puc-rio10%	0.8141	0.0744	0.7906	0.7438	0.2055
pufs-1281%	0.5105	0.4895	0.5106	0.0210	0.9906
pufs-641%	0.5008	0.4992	0.5008	0.0011	0.9124
pulsar	0.9553	0.0447	0.8660	0.7319	0.4430
raisin	0.8333	0.1667	0.8482	0.6667	0.4727
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9687	0.0313	0.9691	0.9363	0.1435
rocket	0.5936	0.4064	0.5458	0.0068	0.5526
satimage	0.7216	0.0928	0.7345	0.6501	0.2743
satimageF	0.9891	0.0109	0.9714	0.9421	0.0920
satimageT	0.9207	0.0793	0.7346	0.3822	0.3875
scadi	0.5714	0.1714	0.2839	0.3438	0.2110
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.5000	0.0000	0.7508
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.9995	0.0005	0.9995	0.9990	0.0049
seeds	0.8571	0.0952	0.8660	0.7857	0.2176
segment	0.7879	0.0606	0.8351	0.7539	0.1786
segmentation	0.7426	0.2574	0.7082	0.3640	0.6707
segmentO	0.9870	0.0130	0.9739	0.9476	0.1291
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9748	0.0252	0.9305	0.8610	0.3001
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.9079	0.0263	0.4581	0.7087	0.1306
sick	0.9390	0.0610	0.6936	0.1397	0.1576
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9069	0.0931	0.8495	0.6833	0.4123
skin10%	0.9060	0.0940	0.8483	0.6768	0.3966
smarket	0.7920	0.2080	0.8198	0.5796	0.4333
smart-farming	0.2200	0.3900	0.1681	-0.0495	0.8155
smoking	0.6439	0.3561	0.5969	0.0447	0.5580
soil_pollution	0.1967	0.3213	0.2187	-0.0122	0.4909
solar-flare	0.4748	0.1751	0.4286	0.2866	0.2686
sonar	0.6500	0.3500	0.6741	0.3000	0.7546
soybean	0.1324	0.0913	0.0123	0.0000	0.3690
spam-detection	0.9320	0.0680	0.7558	0.4398	0.3698
spambase	0.7196	0.2804	0.7211	0.3375	0.5475
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.0192	0.0727	0.0014	0.0000	0.4054
splice-EI	0.9495	0.0505	0.9353	0.8695	0.3294
splice-IE	0.9022	0.0978	0.8640	0.7280	0.4958
sport-articles	0.7900	0.2100	0.7702	0.5143	0.6285
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.4000	0.1905	0.0000	0.2619
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5237	0.3175	0.3817	0.0208	0.3736
steel-b	0.7949	0.2051	0.6520	0.0380	0.3587
steel-d	0.9744	0.0256	0.7333	0.2794	0.0817
steel-k	0.9641	0.0359	0.9443	0.8823	0.1215
steel-o	0.6667	0.3333	0.6116	0.0649	0.5508
steel-p	0.9179	0.0821	0.6063	0.0946	0.4184
steel-s	0.9692	0.0308	0.7632	0.4859	0.3813
steel-z	0.9538	0.0462	0.8568	0.7027	0.3563
stellar	0.8322	0.1119	0.8114	0.6696	0.2839
stock	0.8472	0.1528	0.6908	0.2929	0.5292
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.7920	0.2080	0.7992	0.5652	0.5729
stress	0.6984	0.1206	0.6664	0.6249	0.1632
student-lifestyle	0.4550	0.2180	0.1964	0.0076	0.3475

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-depression	0.7677	0.2323	0.7667	0.4894	0.6047
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4000	0.2400	0.2448	0.0694	0.4311
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.7000	0.3000	0.7248	0.3671	0.6058
susy10%	0.4580	0.5420	0.3141	0.0000	0.5307
tae	0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn	0.8366	0.1634	0.7781	0.4982	0.4807
texture	0.0836	0.1666	0.0140	0.0000	0.4080
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.7537	0.2463	0.6922	0.3808	0.7722
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1250	0.2933	0.3143	0.2130
tox_171	0.6471	0.1765	0.6962	0.5342	0.2655
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.4634	0.1192	0.2420	0.3156	0.3575
trec12-wc	0.5806	0.1048	0.5025	0.4605	0.2515
trec21-wc	0.7879	0.0848	0.3970	0.4310	0.1671
trec23-wc	0.5714	0.1429	0.3292	0.3700	0.3403
trec31-wc	0.1183	0.2939	0.0353	0.0000	0.3614
trec45-wc	0.3913	0.1217	0.2420	0.2737	0.4447
tuandromd	0.9776	0.0224	0.9647	0.9286	0.1463
turkish	0.5500	0.2250	0.6198	0.4000	0.4252
tvnews1%	0.8154	0.1846	0.8046	0.5662	0.5045
tvnews10%	0.7949	0.2051	0.7791	0.5152	0.5655
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.6418	0.0796	0.5963	0.5691	0.2565
urinalysis	0.9650	0.0350	0.8088	0.5311	0.1051
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.5357	0.2321	0.6051	0.4076	0.3698
vehicleVAN	0.8452	0.1548	0.7804	0.5517	0.6124
voice	0.7500	0.2500	0.7044	0.4000	0.7643
vote	0.8140	0.1860	0.8280	0.6301	0.5432
vowel	0.0909	0.1653	0.0152	0.0000	0.4085
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
warpar10p	0.3077	0.1385	0.3288	0.2452	0.2871
warppie10p	0.6190	0.0762	0.6739	0.5779	0.1594
watch-acc	0.4002	0.1714	0.5264	0.2797	0.3187
watch-acc1%	0.4033	0.1705	0.5052	0.2836	0.3143
watch-acc10%	0.3962	0.1725	0.5179	0.2749	0.3179
watch-gyr	0.3722	0.1794	0.4327	0.2558	0.3198
watch-gyr1%	0.3796	0.1773	0.4438	0.2644	0.3201
watch-gyr10%	0.3793	0.1773	0.4361	0.2643	0.3185
water_pollution	0.2600	0.3700	0.1037	0.0001	0.4144
waveform	0.6620	0.2253	0.7032	0.4929	0.4723
weather-related	0.0635	0.1703	0.0109	0.0000	0.3962
web-phishing	0.7481	0.1679	0.6637	0.5120	0.3605
Weekly	0.9259	0.0741	0.9288	0.8475	0.2500
weight-lift	0.7271	0.1091	0.7542	0.6510	0.3290
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wifi-loc	0.7800	0.1100	0.8078	0.7067	0.2458
wilt	0.9565	0.0435	0.7142	0.2135	0.1226
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4591	0.1803	0.2153	0.0650	0.3291
winequality-white	0.4765	0.1496	0.1920	0.0759	0.3289
winnipeg10%	0.9558	0.0126	0.9495	0.9439	0.0789
wisc_bc	0.8947	0.1053	0.8869	0.7738	0.4630
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.2770	0.1446	0.1077	0.0468	0.3269
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.8151	0.0370	0.8373	0.7901	0.1735

Table 415: Detailed results for QDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1773	0.0476	0.1342	0.1200	0.4990
abalone19	0.6986	0.3014	0.4113	-0.0142	0.0673
abalone9-18	0.9589	0.0411	0.8715	0.7068	0.5112
accelerometer	0.9819	0.0181	0.5917	0.0618	0.2709
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9329	0.0671	0.8609	0.7219	0.4771
adult	0.2604	0.7396	0.5596	0.0143	0.4410
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.6667	0.3333	0.5922	0.1661	0.7494
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.5556	0.4444	0.4928	-0.0105	0.6414
AID1284red	0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608Morered	0.8544	0.1456	0.4607	-0.0782	0.6585
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.8949	0.1051	0.5204	0.0185	0.2434
AID373AID439red	0.7434	0.2566	0.4264	-0.0003	0.0022
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.7655	0.2345	0.4336	-0.0060	0.0340
AID604	0.2674	0.7326	0.5600	0.0026	0.0138
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.6784	0.3478	0.8010
AID644red	0.6500	0.3500	0.3939	-0.0938	0.8482
AID687AID721red	0.9797	0.0203	0.4949	-0.0012	0.0460
AID687red	0.9549	0.0451	0.5151	0.0076	0.1144
AID688red	0.2174	0.7826	0.5327	0.0030	0.0380
AID721morered	0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red	0.3333	0.6667	0.4044	-0.1250	0.7560
AID746AID1284red	0.8801	0.1199	0.5117	0.0008	0.0189
AID746red	0.2387	0.7613	0.5428	0.0028	0.0249
aids	0.8310	0.1690	0.7555	0.5032	0.6563
air_pollution	0.1533	0.2419	0.1556	0.0151	0.8430
air-booking	0.1640	0.8360	0.5277	0.0039	0.3338
airline	0.8315	0.1685	0.8318	0.6610	0.5976
alcohol	0.5905	0.1638	0.3261	0.2258	0.4548
all-aml	0.1667	0.8333	0.1429	-0.3636	0.9257
alzheimers	0.8233	0.1767	0.8056	0.6110	0.6390
anneal	0.9775	0.0090	0.9321	0.9539	0.1891
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9958	0.0042	0.9082	0.7980	0.4644
anuran-family	0.8665	0.0668	0.8201	0.7622	0.2581
anuran-genus	0.9638	0.0090	0.9081	0.9412	0.1773
anuran-species	0.8972	0.0206	0.8677	0.8581	0.0979
anxiety	0.0750	0.2056	0.0574	-0.0393	0.6895
apple-quality	0.8450	0.1550	0.8450	0.6900	0.5719
aps-failure	0.9599	0.0401	0.7681	0.4371	0.4944
arabidopsis	0.0082	0.9918	0.5020	0.0000	0.0229
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9926	0.0074	0.6998	0.3558	0.4048
arabidopsis10%	0.0080	0.9920	0.0080	0.0000	0.0228

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.4500	0.5500	0.5000	0.0000	0.8929
arrhythmia	0.1556	0.1299	0.1181	0.0542	0.4306
auction	0.7990	0.2010	0.6981	0.3594	0.6537
audiology	0.1399	0.0791	0.0678	0.0595	0.2444
audit-risk	0.9359	0.0641	0.9329	0.8654	0.3191
autism-adolescent	0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult	0.7714	0.2286	0.7915	0.5306	0.5908
autism-child	0.6897	0.3103	0.6957	0.3830	0.8108
autos	0.8000	0.0667	0.6620	0.7324	0.1605
avila	0.3488	0.1085	0.5195	0.2675	0.6185
balance	0.9194	0.0538	0.8845	0.8604	0.3020
bank	0.8604	0.1396	0.7225	0.4299	0.6582
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8894	0.1106	0.8798	0.7501	0.4186
basehock	0.5980	0.4020	0.6000	0.1967	0.9205
bio	0.9861	0.0139	0.7803	0.5071	0.5314
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.7905	0.2095	0.8199	0.5947	0.5345
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9810	0.0013	0.0459	-0.0010	0.0504
bitcoin1%	0.9828	0.0000	0.0484	-0.0056	0.0148
bitcoin10%	0.9973	0.0018	0.0335	-0.0041	0.0240
body-perf	0.6612	0.1694	0.6658	0.5483	0.4737
bookings	0.6688	0.2208	0.6764	0.4382	0.0224
brain-tumor	0.5040	0.4960	0.5049	0.0091	0.9740
breast-cancer	0.6786	0.3214	0.5596	0.1127	0.8846
breast-cancer-co	0.4545	0.5455	0.4777	-0.0312	0.9055
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.6364	0.1212	0.5820	0.5644	0.1810
bridges	0.5000	0.1429	0.2338	0.1525	0.2223
bub10at310k-hg16-17	0.6832	0.3168	0.6482	0.1945	0.4853
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4250	0.3833	0.3327	0.0039	0.8135
car	0.8391	0.0805	0.7605	0.6962	0.4693
car-insurance	0.7480	0.2520	0.7602	0.4887	0.6762
card	0.7971	0.2029	0.7903	0.5796	0.6728
cardiotocography	0.4085	0.1183	0.5303	0.3522	0.3424
cardiotocography-nsp	0.7981	0.1346	0.7135	0.5496	0.4960
cardiovascular	0.6059	0.3941	0.6255	0.2115	0.8153
cargo2k	0.9898	0.0068	0.9898	0.9848	0.0342
cars	0.7500	0.1667	0.6589	0.5676	0.3890
cas_N6512_cdk_ECFP2	0.6221	0.3779	0.6271	0.2057	0.7914
ccds1%	0.0549	0.9451	0.5140	0.0013	0.1044
ccds10%	0.9630	0.0370	0.6780	0.0665	0.1082
cdc_diabetes	0.7541	0.1639	0.4362	0.2661	0.5989
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.2893	0.7107	0.5232	0.0091	0.1884
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.3161	0.6839	0.4980	-0.0009	0.2254
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.5465	0.4535	0.6183	0.0984	0.3093
census10%	0.5294	0.4706	0.6088	0.0842	0.2913
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9419	0.0581	0.8597	0.6767	0.5193
cervical-C	0.3605	0.6395	0.5405	0.0223	0.2527
cervical-H	0.9302	0.0698	0.7540	0.4669	0.5720
cervical-S	0.9302	0.0698	0.8409	0.6623	0.5477

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
children-anemia	0.0464	0.4768	0.2696	0.0013	0.5094
chrom19	0.9988	0.0012	0.8168	0.5805	0.5303
chrom191%	0.9976	0.0024	0.7996	0.4991	0.5000
chrom1910%	0.9982	0.0018	0.7642	0.4738	0.5176
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9996	0.0004	0.4999	-0.0002	0.5303
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7750	0.2250	0.6975	0.3866	0.7414
churn-bigml	0.6517	0.3483	0.5720	0.1188	0.6791
ci900367j_MACCS	0.6211	0.3789	0.6883	0.3074	0.6929
cirrhosis	0.6190	0.2540	0.4076	0.2113	0.4856
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8435	0.0782	0.7586	0.7606	0.3801
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6254	0.3478	0.5297
cm1	0.8400	0.1600	0.4565	-0.0811	0.7590
cmc	0.4694	0.3537	0.4727	0.2014	0.7538
cnae-9	0.5000	0.1111	0.5347	0.4375	0.4467
codon_usage	0.8319	0.0306	0.7281	0.7968	0.2949
coil20	0.8542	0.0146	0.8786	0.8464	0.0925
college	0.8961	0.1039	0.8659	0.7301	0.4781
collins	0.2200	0.1040	0.1986	0.1606	0.4006
colon-tumor	0.5000	0.5000	0.3333	-0.2857	1.0000
colposcopies-1	0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.7241	0.2759	0.7192	0.3862	0.6717
colposcopies-4	0.6207	0.3793	0.4606	-0.0741	0.9408
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7539	0.5051	0.6759
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7007	0.6353	0.2946
comedy_comparisons1%	0.4969	0.5031	0.4839	-0.0263	0.9520
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7380	0.2620	0.7381	0.4757	0.7672
coupon	0.4897	0.5103	0.4971	-0.0057	0.9826
covid19	0.0131	0.2820	0.1861	0.0079	0.4502
covtype	0.0831	0.2620	0.2565	0.0379	0.5215
covtype10%	0.4322	0.1622	0.5203	0.2681	0.4879
covtypeCD	0.6764	0.3236	0.7152	0.3068	0.4975
covtypeT	0.8231	0.1769	0.7162	0.3318	0.5108
creditcard_trans	0.9831	0.0169	0.6844	0.1487	0.2150
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.9171	0.0277	0.8197	0.8338	0.3290
cryotherapy	0.7778	0.2222	0.8000	0.5263	0.4308
cultivars	0.0938	0.0453	0.0682	0.0701	0.1384
customer-churn	0.9658	0.0342	0.6155	0.2294	0.5790
cybersecurity	0.1767	0.2744	0.1767	0.0117	0.8668
cyclopentane	0.5185	0.4815	0.4780	-0.0354	0.9518
cylinder-bands	0.6667	0.3333	0.6517	0.2946	0.8522
darwin	0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dating	0.1012	0.1798	0.1002	0.0014	0.9226
day1%	0.3614	0.6386	0.5779	0.0037	0.5115
dbworld	0.5714	0.4286	0.5458	0.0870	0.9466
default	0.6543	0.3457	0.6497	0.2614	0.7297
defect	0.8951	0.1049	0.7797	0.5212	0.4691

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8686	0.1314	0.7015	0.4015	0.6812
depressed	0.8042	0.1958	0.6127	0.2213	0.7740
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.3750	0.4167	0.1818	-0.3333	0.5619
dexter	0.3667	0.6333	0.3639	-0.2667	1.0000
df_final	0.3125	0.4583	0.2381	-0.1000	0.6447
diabetes	0.9808	0.0192	0.9799	0.9590	0.0927
diabetes-100k	0.7329	0.2671	0.5227	0.0357	0.5733
diabetes-risk	0.8540	0.1460	0.7523	0.4780	0.5868
diabetic	0.1522	0.5652	0.3656	0.0114	0.4883
diabetic1%	0.3824	0.4118	0.3959	0.0791	0.7309
diabetic10%	0.3301	0.4466	0.3358	0.0008	0.7581
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.4381	0.2248	0.4291	0.2646	0.6382
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.2500	0.7500	0.2000	0.0000	0.4422
dlbcl-nih	0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dna10%	0.9956	0.0044	0.5013	0.0024	0.5439
dorothea	0.3565	0.6435	0.5726	0.0528	0.3354
dota2	0.5669	0.4331	0.5643	0.1284	0.9563
dota210%	0.5184	0.4816	0.5141	0.0281	0.9890
drebin	0.6939	0.3061	0.7620	0.4375	0.5466
dropout	0.7427	0.1716	0.6678	0.5734	0.5033
drug-01	0.3617	0.1824	0.1707	0.0646	0.6416
drug-02	0.5000	0.1429	0.3002	0.2634	0.6745
drug-03	0.5585	0.1261	0.1816	0.1044	0.4881
drug-04	0.4574	0.1550	0.2343	0.1445	0.7963
drug-05	0.6862	0.0897	0.1265	-0.0096	0.4021
drug-06	0.3457	0.1869	0.2407	0.2022	0.6485
drug-07	0.4096	0.1687	0.1477	0.0534	0.4990
drug-08	0.5319	0.1337	0.2273	0.2132	0.6750
drug-09	0.8564	0.0410	0.1712	0.0453	0.3955
drug-10	0.4894	0.1459	0.2058	0.1939	0.6894
drug-11	0.7872	0.0608	0.1487	0.0277	0.7396
drug-12	0.6915	0.0881	0.1404	0.0310	0.7159
drug-13	0.5691	0.1231	0.1719	0.2281	0.6890
drug-14	0.5638	0.1246	0.2672	0.2849	0.7289
drug-15	0.6755	0.0927	0.1881	0.0795	0.6624
drug-16	0.5851	0.1185	0.2851	0.3636	0.5456
drug-17	0.3085	0.1976	0.2383	0.0974	0.7687
drug-18	0.9887	0.0096	0.2090	0.0003	0.0000
drug-19	0.6968	0.0866	0.1648	0.1046	0.4925
drybean	0.9089	0.0260	0.9271	0.8900	0.1357
ecoli	0.0294	0.2426	0.0071	0.0000	0.3261
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7791	0.5237	0.6384
ecoliMU	0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.3000	0.3500	0.2979	0.0659	0.7926
eeg	0.1844	0.1020	0.3251	0.1419	0.5829
eeg-eye	0.4753	0.5247	0.6057	0.0424	0.5420
eeg10%	0.2504	0.0937	0.2992	0.1916	0.5610
email_phishing	0.1962	0.8038	0.5347	0.0043	0.0505

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
eucalyptus	0.4795	0.2082	0.4693	0.3422	0.5381
euthyroid	0.3354	0.6646	0.5961	0.0655	0.2881
exon.vs.intron-freq	0.9218	0.0782	0.9228	0.8424	0.3405
exon.vs.intron-freq10%	0.9149	0.0851	0.9149	0.8289	0.3810
fakenews	0.4950	0.5050	0.4951	-0.0097	1.0000
farm-ads	0.7174	0.2826	0.7230	0.4390	0.7772
fbis-wc	0.0488	0.1119	0.0493	0.0090	0.7219
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.8824	0.1176	0.8844	0.7587	0.4271
financial-risk	0.3085	0.2305	0.3861	0.1735	0.3753
flags	0.3000	0.1750	0.2287	0.1740	0.4095
fonts	0.4700	0.0069	0.4314	0.4514	0.6319
fonts10%	0.3714	0.0082	0.1046	0.3235	0.4268
forest	0.8846	0.0577	0.8587	0.8418	0.1766
gas	0.9792	0.0069	0.9787	0.9747	0.0438
gastrointestinal	0.5000	0.3333	0.6037	0.3118	0.4891
gender	0.3937	0.4042	0.4373	0.0531	0.4303
gene	0.9369	0.0421	0.9307	0.8970	0.1776
german	0.6700	0.3300	0.6304	0.2601	0.8739
gestures	0.9435	0.0283	0.9436	0.9247	0.1284
gina	0.8790	0.1210	0.8800	0.7574	0.4778
gisette	0.5943	0.4057	0.5961	0.1886	0.9227
glass	0.5714	0.1429	0.6155	0.4019	0.2716
glass-g2	0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP	0.6667	0.3333	0.7483	0.3951	0.5223
glassBWNFP	0.5714	0.4286	0.6981	0.2703	0.5297
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.7619	0.2381	0.7000	0.2222	0.3467
gli_85	0.1250	0.8750	0.1111	-0.2727	0.7910
glioma	0.0000	0.5000	0.0000	-0.1905	0.5723
glioma-grade	0.5714	0.4286	0.6849	0.2313	0.5291
green	0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage	0.4000	0.3000	0.3243	0.1615	0.5084
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.7832	0.0361	0.4124	0.7426	0.1417
har	0.8955	0.0418	0.8939	0.8680	0.1888
har70	0.8217	0.0509	0.5172	0.7500	0.2359
har701%	0.8190	0.0517	0.5222	0.7475	0.2483
har7010%	0.8251	0.0500	0.5203	0.7546	0.2508
harth	0.7825	0.0362	0.4411	0.7056	0.2679
harth1%	0.7870	0.0355	0.4328	0.7117	0.2553
harth10%	0.7818	0.0364	0.4243	0.7047	0.2653
hayes-roth	0.3750	0.4167	0.4078	0.0361	0.7304
hcc-survival	0.6471	0.3529	0.6710	0.1639	0.4882
health-activity	0.7600	0.1200	0.2688	0.0358	0.3239
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8745	0.7427	0.4884
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.8200	0.1800	0.7814	0.5495	0.6230
heart-quantum	0.9600	0.0400	0.9583	0.9167	0.2315
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.8110	0.1890	0.8140	0.6221	0.6234
hepmass1%	0.8127	0.1873	0.8149	0.6249	0.6236
hepmass10%	0.8103	0.1897	0.8131	0.6203	0.6248
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6645	0.3355	0.6638	0.3153	0.8375
higgs1%	0.6463	0.3537	0.6466	0.2742	0.8412
higgs10%	0.6435	0.3565	0.6440	0.2700	0.8464
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.5625	0.4375	0.5710	0.0782	0.7469
hiv1-proteasa	0.8769	0.1231	0.8281	0.6348	0.5766
hiva	0.9125	0.0875	0.5760	0.1370	0.5422
horse	0.6389	0.2407	0.6422	0.3598	0.4925
hotel-reservartions	0.3834	0.6166	0.5840	0.0515	0.5507
hr	0.3754	0.6246	0.6034	0.0879	0.3894
ht-sensor	0.6518	0.2321	0.6765	0.4861	0.4979
ht-sensor10%	0.6471	0.2352	0.6722	0.4792	0.5045
htru2	0.9698	0.0302	0.9109	0.8217	0.3646
hypothyroid	0.9232	0.0265	0.4224	0.3298	0.3467
hypothyroidT	0.2042	0.7958	0.5562	0.0240	0.2137
ilpd	0.5085	0.4915	0.6428	0.1864	0.6180
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.3740	0.3130	0.4094	0.1653	0.3926
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9345	0.0050	0.9359	0.9319	0.0583
jm1	0.8017	0.1983	0.6122	0.1939	0.7353
jvowels	0.9699	0.0067	0.9690	0.9659	0.0505
kc1	0.8199	0.1801	0.6326	0.2629	0.7541
kc1-class-level-defectiveornot	0.8667	0.1333	0.8696	0.7059	0.3322
kc1-class-level-numericdefect	0.4993	0.0436	0.0484	0.3042	0.1016
kc1-class-level-top5percentDF	0.7333	0.2667	0.4231	-0.1111	0.4921
kc2	0.7308	0.2692	0.5684	0.1354	0.8442
kdc-4007	0.2120	0.1970	0.2598	0.0845	0.6287
kddcup981%	0.0526	0.9474	0.0500	0.0000	0.1368
kddcup9810%	0.4293	0.5707	0.4742	-0.0146	0.2748
kddcup99	0.9472	0.0046	0.4703	0.9111	0.0837
kddcup9910%	0.9240	0.0066	0.5017	0.8748	0.0829
kepler	0.6914	0.2057	0.5997	0.5081	0.3221
kidney	0.7546	0.0982	0.1910	0.0069	0.6237
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.3929	0.0675	0.3765	0.3173	0.5277
krvskp	0.5455	0.4545	0.6221	0.0481	0.5219
la1s-wc	0.1619	0.2794	0.1474	-0.0211	0.8991
la2s-wc	0.1358	0.2881	0.1298	-0.0174	0.7464
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.2353	0.0382	0.1219	0.2036	0.1899
led24	0.2000	0.1600	0.0968	0.0725	0.3444
lenses	0.3333	0.4444	0.2222	0.0000	0.3451
letter	0.8845	0.0089	0.8841	0.8798	0.1251
leukemia	0.0000	0.6667	0.0000	-0.4848	0.9747
leukemia2	0.7143	0.2857	0.7083	0.4167	0.8058
libra	0.9167	0.0111	0.9275	0.9104	0.0362
linkage	0.9998	0.0002	0.9873	0.9744	0.1251
linkage1%	0.9998	0.0002	0.9885	0.9767	0.1262
linkage10%	0.9999	0.0001	0.9941	0.9882	0.0754
liver	0.5882	0.4118	0.6427	0.2396	0.7623
loan	0.9297	0.0703	0.9248	0.8490	0.3393
localization	0.3511	0.1180	0.2798	0.2421	0.7926
localization10%	0.2785	0.1312	0.2569	0.1854	0.8249

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lrs	0.8392	0.0336	0.3765	0.7858	0.0780
lung	0.1429	0.3429	0.2168	0.0825	0.4384
lung_discrete	0.2500	0.2143	0.1714	0.0769	0.2702
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.0500	0.3800	0.0190	0.0000	0.2759
lung-cancer-harvard2	0.3333	0.6667	0.6000	0.0769	0.3900
lung-cancer-michigan	0.4444	0.5556	0.6311	0.1176	0.3467
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.9155	0.0286	0.7072	0.8842	0.1027
lymphoma2	0.2222	0.1728	0.1515	0.0735	0.1918
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.5077	0.4923	0.5077	0.0154	0.9956
magic04	0.7754	0.2246	0.7437	0.4616	0.6710
malware	0.9459	0.0541	0.9261	0.8412	0.3750
mammography	0.8021	0.1979	0.8042	0.6052	0.6507
marketing	0.8482	0.1518	0.5709	0.0692	0.5708
maternal	0.6139	0.2574	0.6254	0.4014	0.5596
math	0.4500	0.2750	0.2482	0.0756	0.4964
mba	0.1742	0.5505	0.3477	0.0140	0.4260
mental-disorders	0.7500	0.1250	0.7800	0.6667	0.2457
mental-health	0.2200	0.3120	0.2200	0.0250	0.8470
messidor	0.6957	0.3043	0.7189	0.4094	0.7430
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.6383	0.6203	0.1553
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.9700	0.0060	0.9710	0.9667	0.0351
mfeat-fou	0.8400	0.0320	0.8398	0.8222	0.1308
mfeat-kar	0.9850	0.0030	0.9860	0.9833	0.0186
mfeat-mor	0.7400	0.0520	0.7233	0.7111	0.1619
mfeat-pix	0.9800	0.0040	0.9804	0.9778	0.0251
mfeat-zer	0.8400	0.0320	0.8414	0.8222	0.0705
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9245	0.0503	0.9237	0.8856	0.1433
mines	0.5000	0.2000	0.5076	0.3765	0.4296
mobile	0.6608	0.0121	0.6747	0.6547	0.1550
monks-1	0.7636	0.2364	0.7636	0.5268	0.7274
monks-2	0.7705	0.2295	0.7342	0.4547	0.7132
monks-3	0.9107	0.0893	0.9178	0.8223	0.3018
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4750	0.0955	0.5223	0.3780	0.5552
musk	0.9439	0.0561	0.8950	0.7897	0.4212
MUT_ci300400a_cdk_ECFP2	0.7158	0.2842	0.7106	0.4206	0.8016
MUT_ci300400a_rdkit_descriptors	0.6566	0.3434	0.6564	0.2309	0.6934
myocardial	0.6588	0.0853	0.2133	0.1419	0.6129
naticusdroid	0.7740	0.2260	0.8013	0.5475	0.5193
nci9	0.0000	0.2222	0.0000	-0.0588	0.3172
ncRNA	0.4295	0.0600	0.2261	0.1978	0.8492
ncRNA1%	0.5061	0.0520	0.3273	0.2903	0.6720
ncRNA10%	0.5117	0.0514	0.3529	0.2913	0.7050
neo	0.5714	0.4286	0.6478	0.1594	0.4053
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0231	0.0444	0.0345	0.0016	0.7131
newspop	0.5805	0.4195	0.6197	0.1900	0.7941
NHANES_age_prediction	0.9648	0.0352	0.9319	0.8617	0.2430

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
nomao	0.9109	0.0891	0.8946	0.7876	0.4484
NPHA-doctor-visits	0.4306	0.3796	0.3709	0.0251	0.7784
nursery	0.8395	0.0642	0.6406	0.7726	0.1594
obesity	0.5592	0.1259	0.5548	0.4881	0.2463
obs	0.7222	0.1389	0.7633	0.6195	0.3850
occupancy	0.9830	0.0170	0.9772	0.9533	0.1711
Occupancy_Estimation	0.9862	0.0069	0.9638	0.9585	0.0850
oh0-wc	0.0792	0.1842	0.0760	-0.0509	0.8037
oh10-wc	0.0667	0.1867	0.0696	-0.0474	0.7751
oh15-wc	0.0543	0.1891	0.0358	-0.0013	0.5181
oh5-wc	0.0330	0.1934	0.0280	-0.0790	0.7979
ohscal-wc	0.0753	0.1849	0.0707	-0.0309	0.9404
opn310k	0.6916	0.3084	0.6557	0.2067	0.4865
opn310k10%	0.7455	0.2545	0.6579	0.2328	0.5316
opnat310k-hg16-17	0.6987	0.3013	0.6584	0.2131	0.4912
optdigits	0.9786	0.0043	0.9801	0.9763	0.0293
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0500	0.0475	0.0429	0.0256	0.1936
orlraws10P	0.2000	0.1600	0.1714	0.1111	0.2083
ovarian-cancer	0.6400	0.3600	0.7340	0.3590	0.5283
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.8182	0.1818	0.6598	0.2621	0.5659
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6856	0.3144	0.6352	0.1061	0.5405
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7698	0.2302	0.8086	0.5510	0.4620
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.3917	0.6083	0.2815	-0.0064	0.0276
page-blocks	0.9342	0.0263	0.7712	0.6764	0.4127
parkinson	0.9083	0.0917	0.9052	0.8072	0.3884
parkinsons	0.7773	0.2227	0.7696	0.5370	0.7102
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.8246	0.1754	0.8160	0.6123	0.6055
particle10%	0.8323	0.1677	0.8298	0.6343	0.5724
pasture	0.5000	0.3333	0.5333	0.3333	0.1875
pc1	0.9009	0.0991	0.6073	0.2138	0.6764
pcmac	0.5103	0.4897	0.5113	0.0223	0.9764
pcos	0.8967	0.1033	0.8794	0.7295	0.4689
pd	0.5132	0.4868	0.6508	0.1957	0.5828
pediatric-leukemia	0.0588	0.2689	0.0571	-0.0677	0.7110
pendigits	0.9882	0.0024	0.9882	0.9868	0.0194
period	0.5556	0.4444	0.5000	0.0000	0.9591
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.4023	0.5977	0.5079	0.0064	0.7222
personalities	0.9900	0.0013	0.9900	0.9893	0.0192
pet-adoption	0.5900	0.4100	0.5781	0.1511	0.8943
phishing	0.9592	0.0408	0.9572	0.9144	0.2360
phone-acc	0.7196	0.0801	0.7093	0.6724	0.2881
phone-acc0.1%	0.6998	0.0858	0.6858	0.6491	0.2934
phone-acc1%	0.7429	0.0735	0.7205	0.6991	0.2603
phone-acc10%	0.6405	0.1027	0.6524	0.5809	0.3408
phone-gyr	0.7587	0.0689	0.7366	0.7172	0.2508
phone-gyr0.1%	0.7667	0.0667	0.7625	0.7270	0.2652
phone-gyr1%	0.7700	0.0657	0.7608	0.7308	0.2537
phone-gyr10%	0.6904	0.0885	0.6762	0.6379	0.3275
phoneme	0.7963	0.2037	0.7767	0.5419	0.6772
phy	0.6918	0.3082	0.6924	0.3838	0.8290
pima	0.6711	0.3289	0.6421	0.2737	0.8519
placement	0.7810	0.2190	0.7740	0.5477	0.7039
plant-growth	0.4737	0.5263	0.4555	-0.0795	0.9947

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.3461	0.1308	0.1466	0.0237	0.8208
poker1%	0.5366	0.0927	0.2096	0.1268	0.3412
poker10%	0.3766	0.1559	0.1564	0.0306	0.7838
polish-1st	0.1892	0.8108	0.4933	-0.0019	0.1565
polish-2nd	0.1455	0.8545	0.4886	-0.0030	0.1504
polish-3rd	0.1790	0.8210	0.5277	0.0089	0.1612
polish-4th	0.1010	0.8990	0.4893	-0.0025	0.1721
polish-5th	0.1878	0.8122	0.5144	0.0058	0.2346
polya	0.7124	0.2876	0.7463	0.4481	0.6740
popularity	0.4091	0.3939	0.4552	0.1272	0.5907
post-operative	0.4444	0.3704	0.3333	0.0000	0.4361
postures	0.3748	0.2501	0.3950	0.2133	0.3474
pred-tox_mutagen_ref-desc	0.5000	0.5000	0.3333	0.0000	0.5283
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.0000	0.0909	0.0000	0.0000	0.3481
processed	0.8219	0.1781	0.8392	0.6400	0.5195
profb	0.5075	0.4925	0.5623	0.1023	0.8329
promoters	0.5000	0.5000	0.5000	0.0000	0.9755
prostate	0.6429	0.3571	0.7276	0.3396	0.5193
prostate_GE	0.6364	0.3636	0.6309	0.2414	0.8512
puc-rio	0.9272	0.0291	0.8843	0.9025	0.1732
puc-rio10%	0.9294	0.0282	0.8848	0.9053	0.1645
pufs-128	0.5005	0.4995	0.5005	0.0010	0.9997
pufs-1281%	0.4967	0.5033	0.4967	-0.0067	1.0000
pufs-12810%	0.4980	0.5020	0.4980	-0.0040	1.0000
pufs-64	0.5043	0.4957	0.5043	0.0087	0.9976
pufs-641%	0.5133	0.4867	0.5133	0.0267	0.9922
pufs-6410%	0.4987	0.5013	0.4987	-0.0027	1.0000
pulsar	0.9713	0.0287	0.9159	0.8316	0.3521
raisin	0.8444	0.1556	0.8574	0.6889	0.4594
rcv11%	0.0500	0.0463	0.0351	0.0128	0.5013
re0-wc	0.1667	0.1282	0.2549	0.1133	0.6761
re1-wc	0.0181	0.0786	0.0174	0.0018	0.6216
rejafada	0.7236	0.2764	0.4198	-0.0654	0.2860
relathe	0.9437	0.0563	0.9466	0.8876	0.2382
reuters21578	0.0072	0.0309	0.0002	0.0000	0.2387
rice	0.9868	0.0132	0.9867	0.9733	0.0932
rnaseq	0.2500	0.3000	0.2683	0.0857	0.7248
rocket	0.5341	0.4659	0.6563	0.1787	0.5749
RT_IOT2022	0.9645	0.0059	0.8458	0.9111	0.0240
satimage	0.8476	0.0508	0.8197	0.8098	0.1851
satimageF	0.9642	0.0358	0.9235	0.8371	0.4014
satimageT	0.7745	0.2255	0.7097	0.3305	0.5506
scadi	0.5762	0.1214	0.3432	0.4619	0.1805
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.7467	0.2533	0.7786	0.5098	0.6061
segment	0.9048	0.0272	0.9240	0.8886	0.0828
segmentation	0.7376	0.2624	0.7452	0.4722	0.7226
segmentO	0.9870	0.0130	0.9745	0.9489	0.1700
seismic	0.8062	0.1938	0.6347	0.2065	0.5259
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8395	0.1605	0.5605	0.1085	0.7448
sens-10-gram	0.4226	0.5774	0.5315	0.0329	0.5169
sens-2-gram	0.7184	0.2816	0.5971	0.1695	0.6798

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-3-gram	0.7684	0.2316	0.6197	0.2238	0.7077
sens-4-gram	0.7342	0.2658	0.5553	0.1033	0.7224
sens-5-gram	0.7105	0.2895	0.5160	0.0297	0.7235
sens-6-gram	0.5711	0.4289	0.5237	0.0334	0.6129
sens-7-gram	0.4447	0.5553	0.5202	0.0222	0.5349
sens-8-gram	0.4184	0.5816	0.5535	0.0534	0.4866
sens-9-gram	0.3947	0.6053	0.5246	0.0241	0.4996
sensorless	0.8504	0.0272	0.8568	0.8355	0.1181
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.7762	0.2238	0.7233	0.3979	0.6430
shuttle	0.9566	0.0124	0.7574	0.8864	0.3988
sick	0.6021	0.3979	0.5925	0.0890	0.3698
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin	0.9844	0.0156	0.9761	0.9517	0.1030
skin10%	0.9788	0.0212	0.9674	0.9335	0.1155
smarket	0.9440	0.0560	0.9453	0.8877	0.2604
smart-farming	0.2200	0.3900	0.2165	-0.0394	0.7985
smk_can_187	0.5263	0.4737	0.5444	0.0757	0.9099
smoking	0.7233	0.2767	0.7230	0.4367	0.7670
soil_pollution	0.1933	0.3227	0.1901	-0.0076	0.8745
solar-flare	0.3309	0.2230	0.2683	0.2414	0.3295
sonar	0.7500	0.2500	0.7513	0.5000	0.7429
soybean	0.9706	0.0031	0.9894	0.9677	0.0170
spam-detection	0.9370	0.0630	0.8078	0.6154	0.5337
spambase	0.8348	0.1652	0.8433	0.6702	0.5491
spect	0.7407	0.2593	0.6469	0.2921	0.7993
spectf	0.8000	0.2000	0.8257	0.5950	0.5049
spectrometer	0.5283	0.0197	0.2117	0.5013	0.1134
splice-EI	0.9621	0.0379	0.9493	0.8980	0.2343
splice-IE	0.9401	0.0599	0.9160	0.8318	0.3521
sport-articles	0.7800	0.2200	0.7613	0.4819	0.6093
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.6061	0.6667	0.0000
startup	0.9570	0.0430	0.9542	0.9073	0.2570
steel_industry	0.5634	0.2911	0.5711	0.3426	0.6220
steel-b	0.6462	0.3538	0.7052	0.3186	0.5946
steel-d	0.9641	0.0359	0.8031	0.5712	0.5532
steel-k	0.9744	0.0256	0.9601	0.9191	0.1618
steel-o	0.8308	0.1692	0.8144	0.6287	0.6255
steel-p	0.8513	0.1487	0.7802	0.4591	0.5100
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9282	0.0718	0.8555	0.6815	0.5300
stellar	0.9178	0.0548	0.9086	0.8534	0.2356
stock	0.7986	0.2014	0.6748	0.3487	0.7505
stockb	0.8546	0.0969	0.8706	0.7820	0.1934
streaming	0.7660	0.2340	0.7625	0.5206	0.7160
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5500	0.1800	0.4218	0.3094	0.5588
student-depression	0.4828	0.5172	0.5042	0.0078	0.9530
student-habits	0.3100	0.2760	0.1772	-0.0425	0.7039
student-weekend	0.2769	0.2892	0.1719	0.0132	0.6996
student-workday	0.6719	0.1313	0.2254	0.1547	0.5101
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.7527	0.2473	0.7608	0.4871	0.6507
susy1%	0.7644	0.2356	0.7722	0.5120	0.6345
susy10%	0.7566	0.2434	0.7647	0.4953	0.6447
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4762	0.2000	0.5980
telco-churn	0.7983	0.2017	0.7626	0.5191	0.6970
texture	0.9927	0.0013	0.9930	0.9920	0.0096
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.2553	0.7447	0.5727	0.0408	0.3467
thrombin	0.2775	0.7225	0.5666	0.0147	0.0768
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8631	0.1369	0.8559	0.6836	0.5185
tis10%	0.3209	0.6791	0.5883	0.0513	0.4561
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.2500	0.2500	0.1449	-0.0213	0.3785
tox_171	0.2353	0.3824	0.2594	-0.0184	0.7236
toxicity	0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f	0.5882	0.4118	0.5662	0.1314	0.9243
trains	0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion	0.7333	0.2667	0.5034	0.0040	0.7788
trec11-wc	0.0244	0.2168	0.0056	0.0000	0.3945
trec12-wc	0.1613	0.2097	0.1423	0.0439	0.5873
trec21-wc	0.3636	0.2121	0.1053	0.0428	0.5060
trec23-wc	0.3810	0.2063	0.1926	0.0037	0.4826
trec31-wc	0.0968	0.2581	0.0997	-0.0499	0.7176
trec41-wc	0.1364	0.1727	0.1112	0.0121	0.7256
trec45-wc	0.0435	0.1913	0.0509	-0.0390	0.6168
tuandromd	0.9126	0.0874	0.8589	0.6761	0.2216
turkish	0.6500	0.1750	0.6717	0.5333	0.4201
tvnews	0.7401	0.2599	0.7639	0.4932	0.6672
tvnews1%	0.9077	0.0923	0.9035	0.8052	0.4246
tvnews10%	0.7872	0.2128	0.7984	0.5748	0.6325
urban	0.6716	0.0730	0.5786	0.6058	0.2003
urinalysis	0.9441	0.0559	0.7030	0.3998	0.5822
ustilago	0.0216	0.9784	0.4972	-0.0001	0.0299
ustilago1%	0.9772	0.0228	0.4942	-0.0113	0.4992
ustilago10%	0.9830	0.0170	0.5067	0.0127	0.5707
vehicle	0.8333	0.0833	0.8135	0.7761	0.1661
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.6667	0.3333	0.7500	0.4000	0.5283
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6061	0.0716	0.6448	0.5667	0.2189
vowelZ	0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17	0.8016	0.1984	0.6745	0.2915	0.5892
wap-wc	0.0705	0.0929	0.0392	-0.0155	0.6815
warpar10p	0.3846	0.1231	0.3826	0.3158	0.1958
warppie10p	0.5714	0.0857	0.5312	0.5191	0.1917
watch-acc	0.7032	0.0848	0.6990	0.6529	0.2836
watch-acc1%	0.7038	0.0846	0.6966	0.6533	0.2991
watch-acc10%	0.7125	0.0821	0.7059	0.6634	0.3027
watch-gyr	0.7100	0.0829	0.7020	0.6612	0.3042
watch-gyr1%	0.6993	0.0859	0.6904	0.6485	0.3231
watch-gyr10%	0.7025	0.0850	0.6950	0.6523	0.3190
water_pollution	0.2233	0.3883	0.2286	-0.0341	0.8700
waveform	0.8240	0.1173	0.8245	0.7361	0.3934
weather-related	0.8865	0.0206	0.9095	0.8726	0.1004
web-phishing	0.7704	0.1531	0.6089	0.5909	0.5604
weight-lift	0.7924	0.0831	0.8250	0.7410	0.2597
white-clover	0.0000	0.5000	0.0000	0.0000	0.2620
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9814	0.0186	0.9034	0.8065	0.3702
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5283	0.1572	0.2467	0.2500	0.4875
winequality-white	0.4376	0.1607	0.2541	0.1927	0.5636
winnipeg	0.9660	0.0097	0.9404	0.9571	0.1157
winnipeg10%	0.9850	0.0043	0.9812	0.9810	0.0501
wisc_bc	0.9474	0.0526	0.9443	0.8880	0.2925
yale	0.1250	0.1167	0.0462	0.0468	0.2719
yeast	0.4797	0.1041	0.2986	0.3348	0.4599
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9324	0.0676	0.7157	0.3486	0.4960
yeastME1	0.9527	0.0473	0.8027	0.5141	0.5131
yeastME2	0.8378	0.1622	0.6315	0.1902	0.4722
zip	0.9441	0.0112	0.9397	0.9373	0.0820

Table 416: Detailed results for RAMLapSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.7865	0.0854	0.3546	0.3718	0.1714
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.6444	0.0711	0.3946	0.2720	0.2107
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.3478	0.0543	0.0383	0.1606	0.2402
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.6500	0.1167	0.4265	0.5139	0.2098
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8871	0.0753	0.6114	0.7877	0.2090
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9197	0.0803	0.9189	0.8377	0.3754
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.9799	0.0201	0.9803	0.9598	0.1120
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8667	0.1333	0.8625	0.7226	0.5300
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.6364	0.1212	0.5303	0.5600	0.1396
bridges	0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp	0.8169	0.1221	0.4837	0.2788	0.2750
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.6750	0.2167	0.4366	0.2409	0.4409
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7927	0.2073	0.7842	0.5634	0.6812
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7263	0.2737	0.7037	0.4057	0.7969
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.6905	0.2063	0.4632	0.3531	0.4284
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5238	0.3175	0.4745	0.2075	0.5849
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.7273	0.2727	0.4211	0.0000	0.4205
collins	0.4600	0.0720	0.2388	0.3830	0.2314
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.7241	0.2759	0.7108	0.4171	0.7845
colposcopies-2	0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3	0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.8966	0.1034	0.8560	0.6692	0.2534
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.7419	0.1720	0.5362	0.5618	0.2339

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.4952	0.5048	0.3312	0.0000	0.5289
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.7000	0.1500	0.7140	0.6000	0.2630
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.0625	0.0469	0.0429	0.0579	0.1888
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.8148	0.1852	0.8118	0.6218	0.6325
cylinder-bands	0.6852	0.3148	0.6764	0.3526	0.8440
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9729	0.9662	0.0254
desharnais	0.6250	0.2500	0.4099	0.2000	0.4997
dexter	0.9500	0.0500	0.9523	0.9000	0.2092
df_final	0.7500	0.1667	0.7551	0.6049	0.2615
DIA	0.8333	0.1667	0.7575	0.4872	0.5975
diabetes	0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5686	0.2876	0.3745	0.0820	0.3499
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.7066	0.8345	0.0891
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.8438	0.1562	0.8238	0.6460	0.6069
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6250	0.3750	0.5966	0.1692	0.8621
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dna10%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.3228	0.4515	0.1627	0.0000	0.3888
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2181	0.2234	0.0512	0.0000	0.3777
drug-07	0.3617	0.1824	0.0759	0.0000	0.2501
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1596	0.1142	0.0000	0.2921
drug-17	0.1064	0.2553	0.0275	0.0000	0.3792
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.4412	0.1397	0.0765	0.0000	0.2765
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5890	0.1644	0.4694	0.4463	0.3239
euthyroid	0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5294	0.4706	0.5102	0.0192	0.9732
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8125	0.0625	0.6236	0.7513	0.0899
flags	0.5000	0.1429	0.2957	0.3548	0.3007
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8846	0.0577	0.8552	0.8408	0.1704
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.9375	0.0417	0.9513	0.9006	0.1278
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.2524	0.4984	0.1343	0.0000	0.4017
german	0.7200	0.2800	0.6750	0.2802	0.6783
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7143	0.0952	0.4310	0.5758	0.1967
glass-g2	0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.3922	0.2500	0.5489
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.0898	0.2601	0.0235	0.0000	0.3024
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.6875	0.2083	0.7080	0.4937	0.3509
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1705	0.1026	0.3249
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6944	0.2037	0.6421	0.4446	0.3883
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.8436	0.1564	0.4576	0.0000	0.3019

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.9154	0.0846	0.9161	0.8308	0.3802
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.0294	0.0485	0.0014	0.0000	0.3575
led24	0.0500	0.1900	0.0095	0.0000	0.3959
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.6389	0.0481	0.6265	0.6126	0.1315
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7647	0.2353	0.7202	0.4357	0.7504
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8679	0.0377	0.6382	0.8176	0.0961
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.4149	0.5851	0.2932	0.0000	0.5268
madelon	0.6269	0.3731	0.6272	0.2538	0.9021
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8750	0.1250	0.8752	0.7497	0.4989
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6535	0.2310	0.6660	0.4620	0.4771
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.6522	0.3478	0.6591	0.3114	0.8540
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-C	0.6667	0.1667	0.7833	0.5424	0.2230
meter-D	0.6667	0.1667	0.5300	0.5157	0.2146
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot	0.9074	0.0231	0.9056	0.8938	0.0759
milk	0.2358	0.5094	0.1272	0.0000	0.4229
mines	0.5588	0.1765	0.4848	0.4408	0.3383
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9604	0.0396	0.9234	0.8347	0.1252
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.7685	0.1157	0.7932	0.6472	0.2597
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc	0.6832	0.0634	0.5449	0.6270	0.2261
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.5978	0.0804	0.5612	0.5268	0.2502
oh5-wc	0.6593	0.0681	0.6507	0.6063	0.2194
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.6842	0.0702	0.4759	0.5720	0.1705
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8608	0.1392	0.8456	0.6911	0.5608
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.9750	0.0250	0.9750	0.9487	0.1507
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5103	0.4897	0.4439	-0.0927	0.9802
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.9211	0.0789	0.9052	0.8033	0.4272
pediatric-leukemia	0.8235	0.0504	0.7497	0.7802	0.1277
pendigits	0.1028	0.1794	0.0186	0.0000	0.4062
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.6582	0.3077	0.8309
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9551	0.0449	0.9529	0.9049	0.2341
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7167	0.2833	0.4175	0.0000	0.4290
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.3947	0.6053	0.2830	0.0000	0.5226
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7062	0.4118	0.8115
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.1818	0.0744	0.0140	0.0000	0.3153
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.2271	0.2576	0.0617	0.0000	0.3819
satimageF	0.8911	0.1089	0.4712	0.0000	0.2371
satimageT	0.1011	0.8989	0.0918	0.0000	0.2389
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.1472	0.2437	0.0367	0.0000	0.4017
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.7895	0.2105	0.7933	0.5730	0.6420
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7410	0.0863	0.5377	0.6640	0.1916
sonar	0.8000	0.2000	0.8000	0.6000	0.6644
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.3957	0.6043	0.2835	0.0000	0.5229
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8286	0.1714	0.7900	0.5800	0.6541
spectrometer	0.3077	0.0513	0.1249	0.2491	0.2238
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7949	0.2051	0.6160	0.1758	0.6866
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9692	0.0308	0.9520	0.9020	0.1773
steel-o	0.7641	0.2359	0.7281	0.4300	0.6950
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9436	0.0564	0.8193	0.6162	0.3884
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.3348	0.4435	0.1672	0.0000	0.4165
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6923	0.2051	0.5260	0.5000	0.2833
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.7895	0.2105	0.7537	0.4895	0.6687
tis	0.2476	0.7524	0.1984	0.0000	0.4400

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tis10%	0.8806	0.1194	0.8466	0.6910	0.5539
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.6250	0.1250	0.2411	0.4146	0.1603
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.6471	0.3529	0.5858	0.1639	0.8952
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.6829	0.0705	0.4087	0.5839	0.1904
trec12-wc	0.7742	0.0565	0.7330	0.7152	0.1449
trec21-wc	0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc	0.8095	0.0635	0.5975	0.7282	0.1966
trec31-wc	0.8817	0.0394	0.8421	0.8405	0.1635
trec41-wc	0.7500	0.0500	0.4772	0.6828	0.1832
trec45-wc	0.6957	0.0609	0.5985	0.6376	0.2145
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.7750	0.1125	0.7808	0.7000	0.2843
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9462	0.0538	0.9425	0.8818	0.2425
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7612	0.0531	0.6955	0.7174	0.1873
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.6667	0.1667	0.6320	0.5522	0.3672
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9070	0.0930	0.9069	0.8139	0.4119
vowel	0.0909	0.1653	0.0152	0.0000	0.4085
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.6346	0.0365	0.4010	0.5782	0.1994
warpar10p	0.9231	0.0154	0.9583	0.9133	0.0343
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8000	0.1333	0.5517	0.6233	0.3411
Weekly	0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0254
wilt	0.0497	0.9503	0.0473	0.0000	0.1299
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white	0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.3684	0.6316	0.2692	0.0000	0.5148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.3514	0.1297	0.1006	0.1263	0.3564
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 417: Detailed results for RAMSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1711	0.0789	0.0516	0.0669	0.4333
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9451	0.0549	0.8794	0.7279	0.1551
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.7079	0.1169	0.1658	0.0000	0.2204
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8581	0.0709	0.4939	0.7222	0.2571
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.6444	0.0711	0.3764	0.3030	0.2173
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.7391	0.0217	0.3368	0.6947	0.0751
audit-risk	0.9615	0.0385	0.9598	0.9193	0.2145
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.9000	0.1000	0.8695	0.7340	0.4451
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.5500	0.1500	0.3580	0.3836	0.3141
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8871	0.0753	0.6118	0.7881	0.2080
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8963	0.1037	0.8883	0.7648	0.3784
basehock	0.9548	0.0452	0.9550	0.9096	0.2432
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8476	0.1524	0.8372	0.6738	0.5763
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.6364	0.1212	0.4643	0.5417	0.1728
bridges	0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.6056	0.0789	0.3826	0.5067	0.2668
cardiotocography-nsp	0.8216	0.1189	0.6169	0.3929	0.3533
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.5096	0.4954	0.3604
cas_N6512_cdk_ECFP2	0.6836	0.3164	0.6802	0.3592	0.8413
cas_N6512_rdkit_ATOMPAIR	0.6923	0.3077	0.6921	0.3836	0.8292
cas_N6512_RDkit_AtomPair_FP	0.7316	0.2684	0.7308	0.4614	0.7777
cas_N6512_rdkit_AVALON	0.7665	0.2335	0.7661	0.5317	0.7230
cas_N6512_RDkit_Avalon_FP	0.7592	0.2408	0.7613	0.5195	0.7270
cas_N6512_rdkit_descriptors	0.7169	0.2831	0.7193	0.4356	0.7897
cas_N6512_rdkit_FEATMORGAN	0.6805	0.3195	0.6792	0.3583	0.8456
cas_N6512_RDkit_Featmorgan_FP	0.7132	0.2868	0.7146	0.4272	0.7979
cas_N6512_RDkit_FP	0.7439	0.2561	0.7448	0.4880	0.7550
cas_N6512_rdkit_LAYERED	0.7400	0.2600	0.7412	0.4805	0.7600
cas_N6512_RDkit_Layered_FP	0.7362	0.2638	0.7359	0.4713	0.7699

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7204	0.2796	0.7177	0.4341	0.7928
cas_N6512_RDkit_MACCS_FP	0.7485	0.2515	0.7475	0.4949	0.7529
cas_N6512_rdkit_MORGAN	0.7477	0.2523	0.7454	0.4895	0.7519
cas_N6512_RDkit_morgan_FP	0.7071	0.2929	0.7044	0.4083	0.8124
cas_N6512_rdkit_PATTERN	0.7231	0.2769	0.7274	0.4494	0.7743
cas_N6512_RDkit_pattern_FP	0.7439	0.2561	0.7504	0.4920	0.7341
cas_N6512_rdkit_RDKITFP	0.7573	0.2427	0.7577	0.5143	0.7357
cas_N6512_rdkit_TORSION	0.7077	0.2923	0.7067	0.4133	0.8110
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.9643	0.0357	0.6933	0.1289	0.1053
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7530	0.4961	0.6959
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.0441	0.9559	0.0422	0.0000	0.1165
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.0487	0.9513	0.0465	0.0000	0.1277
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7263	0.2737	0.7091	0.3399	0.6219
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.7619	0.1587	0.5228	0.4976	0.3306
cjs	0.3250	0.2250	0.3182	0.1624	0.3469
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5102	0.3265	0.4924	0.2198	0.7213
cnae-9	0.8333	0.0370	0.8486	0.8125	0.1647
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.3200	0.0907	0.1627	0.2086	0.2969
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5517	0.4483	0.4280	-0.1254	0.9808
colposcopies-2	0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3	0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7419	0.1720	0.5362	0.5618	0.2339

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7788	0.2212	0.7789	0.5577	0.7025
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1562	0.0422	0.0954	0.1360	0.1473
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands	0.6296	0.3704	0.6638	0.1469	0.4965
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3639	0.1351	0.4618
dexter	0.6167	0.3833	0.6200	0.2333	0.8952
df_final	0.6875	0.2083	0.5590	0.5000	0.2664
DIA	0.8167	0.1833	0.7441	0.3529	0.3484
diabetes	0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5490	0.3007	0.4114	0.0251	0.3393
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8000	0.1000	0.6412	0.7161	0.1830
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9304	0.0696	0.7608	0.4682	0.4114
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7472	0.1685	0.5495	0.5475	0.3208
drug-01	0.4202	0.1657	0.1345	0.0751	0.3929
drug-02	0.5213	0.1368	0.1466	0.1286	0.3774
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5000	0.1429	0.1071	0.0419	0.3910

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.1663	0.2508	0.3564
drug-07	0.4628	0.1791	0.1646	0.0902	0.3749
drug-08	0.5372	0.1322	0.1353	0.0901	0.3717
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5479	0.1292	0.1568	0.1710	0.3651
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6011	0.1140	0.1707	0.2461	0.3419
drug-14	0.5745	0.1216	0.2404	0.2102	0.3380
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5957	0.1348	0.2195	0.2979	0.3348
drug-17	0.3564	0.1839	0.1307	0.1040	0.4367
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.7353	0.0662	0.3034	0.6131	0.1308
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2603	0.2959	0.2330	0.0199	0.3814
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.9010	0.0990	0.9048	0.7988	0.3601
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.5145	0.0085	0.7021
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8125	0.0625	0.6236	0.7513	0.0899
flags	0.5000	0.1429	0.2907	0.3421	0.2612
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9038	0.0481	0.8908	0.8667	0.1395
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.3750	0.4167	0.3243	0.0588	0.4255
gender	0.5853	0.2765	0.3414	0.0251	0.4489
gene	0.8927	0.0715	0.8803	0.8294	0.2870
german	0.6700	0.3300	0.6097	0.0884	0.5988
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8905	0.1095	0.8906	0.7807	0.4564
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.5238	0.1587	0.4419	0.2857	0.2968
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.3039	0.2258	0.4213
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.0898	0.2601	0.0235	0.0000	0.3024
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.4118	0.5882	0.3604	-0.2687	1.0000
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1765	0.1195	0.2996
hinselmann	0.5000	0.5000	0.3333	-0.3158	0.8298
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.4162	0.2455	0.4626
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9204	0.0398	0.3986	0.2005	0.0878
hypothyroidT	0.9363	0.0637	0.7301	0.2778	0.1636
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.7333	0.1778	0.6869	0.5890	0.2792
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.8531	0.1469	0.6744	0.0982	0.2917
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.6429	0.0298	0.0620	0.2632	0.1666
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.9248	0.0752	0.9246	0.8492	0.3565
la1s-wc	0.6794	0.1069	0.6727	0.5739	0.2863
la2s-wc	0.8444	0.0519	0.8251	0.8007	0.2237
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.2941	0.0353	0.1169	0.2602	0.1453
led24	0.2500	0.1500	0.0973	0.1176	0.3384
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.5000	0.0667	0.4229	0.4636	0.1767
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.8235	0.1765	0.7984	0.5968	0.6488
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8302	0.0485	0.4924	0.7659	0.1198
lung	0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.4149	0.5851	0.2932	0.0000	0.5268
madelon	0.5500	0.4500	0.5508	0.1000	0.9614
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8438	0.1562	0.8511	0.6899	0.5288
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.5743	0.2838	0.5681	0.3345	0.5480
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.6609	0.3391	0.6693	0.3301	0.8399
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.7137	0.4592	0.3653

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-D	0.6111	0.1944	0.4286	0.4324	0.2192
mfeat-fac	0.9600	0.0080	0.9616	0.9556	0.0477
mfeat-fou	0.6700	0.0660	0.6775	0.6333	0.2613
mfeat-kar	0.9000	0.0200	0.9039	0.8889	0.1121
mfeat-mor	0.3300	0.1340	0.2866	0.2556	0.2825
mfeat-pix	0.9450	0.0110	0.9455	0.9389	0.0670
mfeat-zer	0.6650	0.0670	0.6777	0.6278	0.2620
mice-prot	0.9630	0.0093	0.9655	0.9576	0.0394
milk	0.2358	0.5094	0.1272	0.0000	0.4229
mines	0.4412	0.2235	0.2667	0.2798	0.3350
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9152	0.0848	0.8207	0.6058	0.3732
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9515	0.0485	0.9048	0.7979	0.2301
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4861	0.3426	0.2694	-0.0517	0.5491
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.5000	0.2500	0.3094	0.2163	0.4149
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc	0.8119	0.0376	0.8060	0.7812	0.1412
oh10-wc	0.7238	0.0552	0.6596	0.6823	0.2291
oh15-wc	0.7500	0.0500	0.7548	0.7121	0.1991
oh5-wc	0.8242	0.0352	0.8217	0.7999	0.1363
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.6491	0.0780	0.3461	0.5392	0.1681
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8608	0.1392	0.8444	0.6888	0.5595
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8909	0.7782	0.4492
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9122	0.0351	0.3411	0.2310	0.1626
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.8816	0.1184	0.8450	0.6897	0.5506
pediatric-leukemia	0.8824	0.0336	0.8069	0.8547	0.0910
pendigits	0.1028	0.1794	0.0186	0.0000	0.4062
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9510	0.0490	0.9485	0.8968	0.2646
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7778	0.2222	0.7222	0.4440	0.7488
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6974	0.3026	0.6719	0.3150	0.7801
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6816	0.3529	0.8237
prestige	0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor	0.2121	0.0716	0.0571	0.0403	0.3058
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.7200	0.0431	0.3661	0.5915	0.1905
re1-wc	0.5602	0.0352	0.2627	0.4606	0.2396
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.2271	0.2576	0.0617	0.0000	0.3819
satimageF	0.9844	0.0156	0.9589	0.9167	0.1403
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.1633	0.0857	0.0000	0.2912
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.5908	0.1765	0.9230
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9048	0.0635	0.9048	0.8571	0.1813
segment	0.7186	0.0804	0.7515	0.6715	0.1992
segmentation	0.7871	0.2129	0.7703	0.5403	0.7054
segmentO	0.9091	0.0909	0.8008	0.5136	0.2178
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8526	0.1474	0.5378	0.0483	0.6663
sens-5-gram	0.8474	0.1526	0.5720	0.1240	0.7215
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.0003	0.2856	0.0001	0.0000	0.1743
sick	0.9337	0.0663	0.4829	0.0000	0.1669

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.9680	0.0320	0.9689	0.9359	0.1529
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.7895	0.2105	0.7889	0.5778	0.6844
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.6906	0.1031	0.5141	0.5951	0.2123
sonar	0.4500	0.5500	0.4475	-0.1000	1.0000
soybean	0.4412	0.0588	0.1849	0.3567	0.2308
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9087	0.0913	0.9042	0.8061	0.3953
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.3077	0.0513	0.1172	0.2446	0.2182
splice-EI	0.9495	0.0505	0.9395	0.8736	0.3241
splice-IE	0.9085	0.0915	0.8728	0.7456	0.4757
sport-articles	0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.2075	0.5283	0.1146	0.0000	0.4065
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9538	0.0462	0.9277	0.8544	0.2918
steel-o	0.7385	0.2615	0.6971	0.3409	0.6823
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.8855	0.0764	0.8919	0.8283	0.1780
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.6000	0.1600	0.2656	0.3216	0.3430
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6923	0.2051	0.5260	0.5000	0.2833
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.8526	0.1474	0.8312	0.6485	0.5223
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7463	0.2537	0.6583	0.3165	0.8046
titanic	0.8182	0.1818	0.7833	0.5545	0.6262

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tourist	0.1250	0.2917	0.0370	0.0000	0.3260
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.6471	0.3529	0.5858	0.1639	0.8952
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.7317	0.0596	0.5404	0.6528	0.1866
trec12-wc	0.7742	0.0565	0.7996	0.7204	0.1427
trec21-wc	0.9091	0.0364	0.5419	0.7946	0.0787
trec23-wc	0.7143	0.0952	0.6852	0.6075	0.3182
trec31-wc	0.9032	0.0323	0.8991	0.8693	0.1375
trec41-wc	0.1023	0.1795	0.0186	0.0000	0.3474
trec45-wc	0.7101	0.0580	0.6075	0.6570	0.2045
tuandromd	0.9619	0.0381	0.9411	0.8822	0.2881
turkish	0.8250	0.0875	0.8244	0.7667	0.1948
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.8615	0.1385	0.8512	0.6865	0.4745
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.6269	0.0829	0.5346	0.5582	0.2351
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.6310	0.1845	0.6090	0.5047	0.4105
vehicleVAN	0.9524	0.0476	0.9365	0.8730	0.3040
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.3434	0.1194	0.2073	0.2778	0.2762
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8580	0.0947	0.8585	0.7870	0.3321
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.7778	0.1481	0.5349	0.5801	0.3622
Weekly	0.9907	0.0093	0.9907	0.9812	0.0572
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.7950	0.1025	0.8204	0.7267	0.1710
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5535	0.1488	0.2015	0.2395	0.3347
winequality-white	0.4785	0.1738	0.1804	0.1392	0.3952
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.4595	0.1081	0.2135	0.2945	0.4551
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 418: Detailed results for RandCART

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2062	0.0547	0.0882	0.1307	0.4835
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9055	0.0945	0.7811	0.5462	0.5243
adult	0.8258	0.1742	0.7359	0.4549	0.6565
advanced-iot	0.9990	0.0003	0.9990	0.9988	0.0025
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.8889	0.1111	0.5429	0.0745	0.6933
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.5917	0.1477	0.7218
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.4088	0.1161	0.2974
AID1284Morered	0.8333	0.1667	0.6516	0.3032	0.7325
AID1284red	0.7222	0.2778	0.5028	0.0055	0.7605
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.5000	0.5000	0.4553	-0.0870	0.9393
AID644red	0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8216	0.1784	0.7324	0.4358	0.6345
air_pollution	0.2167	0.2238	0.1014	0.0098	0.4750
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8365	0.1635	0.8330	0.6650	0.5902
alcohol	0.5048	0.1981	0.2174	0.0888	0.5079
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.6698	0.3302	0.6255	0.2484	0.8748
anneal	0.7640	0.0944	0.4026	0.4759	0.3571
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9068	0.0466	0.6339	0.8255	0.2502
anuran-genus	0.8025	0.0494	0.4138	0.6825	0.3275
anuran-species	0.7903	0.0419	0.4670	0.6998	0.2201
anxiety	0.0917	0.2019	0.0585	-0.0192	0.6103
apple-quality	0.7250	0.2750	0.7257	0.4500	0.7833
aps-failure	0.9845	0.0155	0.7278	0.4202	0.4147
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia	0.3778	0.1244	0.1178	0.0639	0.5425
auction	0.8529	0.1471	0.5631	0.1032	0.7077
audiology	0.3478	0.0543	0.1115	0.2767	0.1624
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.8182	0.1818	0.8136	0.5600	0.3750
autism-adult	0.8571	0.1429	0.8260	0.6503	0.5963
autism-child	0.5862	0.4138	0.5932	0.1792	0.9155
autos	0.5500	0.1500	0.5174	0.4357	0.4235
avila	0.2108	0.1315	0.1398	0.0892	0.5267
babies	0.3145	0.1959	0.0887	0.0038	0.3879
balance	0.7742	0.1505	0.7360	0.6407	0.3781
bank	0.8961	0.1039	0.6617	0.2050	0.4475
banknote	0.9635	0.0365	0.9632	0.9262	0.2133
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8433	0.1567	0.8274	0.6521	0.5818
basehock	0.5678	0.4322	0.5694	0.1364	0.9467
bio	0.9951	0.0049	0.8442	0.6790	0.3170
bio10%	0.9945	0.0055	0.8568	0.7115	0.4541
biodeg	0.8857	0.1143	0.8782	0.7505	0.4467
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin	0.7854	0.0195	0.0402	0.0229	0.0214
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.3657	0.3172	0.3547	0.1542	0.4647
bookings	0.8270	0.1153	0.5468	0.6358	0.3210
brain-tumor	0.5040	0.4960	0.5041	0.0082	0.9970
breast-cancer	0.5714	0.4286	0.5118	0.0233	0.9149
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.6364	0.3636	0.6553	0.2903	0.8322
breast-tissue	0.6364	0.1212	0.5346	0.5510	0.2080
bridges	0.4000	0.1714	0.4665	0.2308	0.2347
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9206	0.8413	0.3601
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4150	0.3900	0.3151	-0.0002	0.4756
car	0.7816	0.1092	0.5060	0.5323	0.3279
car-insurance	0.8170	0.1830	0.7811	0.5595	0.6596
card	0.8116	0.1884	0.8059	0.6115	0.6472
cardiotocography	0.2394	0.1521	0.1975	0.1210	0.5340
cardiotocography-nsp	0.8263	0.1158	0.6339	0.3975	0.4330
cardiovascular	0.6352	0.3648	0.6352	0.2704	0.8955
cargo2k	0.9061	0.0626	0.9075	0.8592	0.2289
cars	0.7500	0.1667	0.6719	0.5480	0.4505
cas_N6512_cdk_ECFP2	0.6068	0.3932	0.6041	0.2083	0.9233
cas_N6512_rdkit_ATOMPAIR	0.6000	0.4000	0.5995	0.1987	0.9268
cas_N6512_RDkit_AtomPair_FP	0.6242	0.3758	0.6229	0.2456	0.9060
cas_N6512_rdkit_AVALON	0.6682	0.3318	0.6652	0.3300	0.8609
cas_N6512_RDkit_Avalon_FP	0.6748	0.3252	0.6820	0.3562	0.8284
cas_N6512_rdkit_descriptors	0.6969	0.3031	0.6952	0.3904	0.8260
cas_N6512_rdkit_FEATMORGAN	0.6052	0.3948	0.6046	0.2088	0.9223
cas_N6512_RDkit_Featmorgan_FP	0.5966	0.4034	0.5920	0.1833	0.9323
cas_N6512_RDkit_FP	0.6334	0.3666	0.6307	0.2613	0.8983
cas_N6512_rdkit_LAYERED	0.6662	0.3338	0.6713	0.3373	0.8457
cas_N6512_RDkit_Layered_FP	0.6672	0.3328	0.6670	0.3334	0.8591

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7097	0.2903	0.7067	0.4119	0.8071
cas_N6512_RDkit_MACCS_FP	0.6856	0.3144	0.6880	0.3732	0.8308
cas_N6512_rdkit_MORGAN	0.5800	0.4200	0.5733	0.1446	0.9436
cas_N6512_RDkit_morgan_FP	0.5752	0.4248	0.5712	0.1422	0.9504
cas_N6512_rdkit_PATTERN	0.6538	0.3462	0.6528	0.3054	0.8754
cas_N6512_RDkit_pattern_FP	0.6610	0.3390	0.6686	0.3293	0.8435
cas_N6512_rdkit_RDKITFP	0.6267	0.3733	0.6300	0.2573	0.8937
cas_N6512_rdkit_TORSION	0.5969	0.4031	0.5949	0.1898	0.9314
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8411	0.1059	0.3937	0.0988	0.3105
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6632	0.3368	0.6250	0.2495	0.8802
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7854	0.5278	0.3340
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.4574	0.2713	0.3189	0.1986	0.3714
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9096	0.0904	0.4763	-0.0213	0.5766
churn	0.7960	0.2040	0.5993	0.1398	0.6806
churn-bigml	0.8727	0.1273	0.6852	0.2946	0.5340
ci900367j_MACCS	0.6105	0.3895	0.5753	0.1495	0.9288
cirrhosis	0.7143	0.1905	0.4811	0.4194	0.4227
cjs	0.7071	0.0976	0.7284	0.6395	0.3249
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.5944	0.2028	0.3511	0.3254	0.3646
climate	0.8889	0.1111	0.4706	-0.0519	0.7116
cll_sub_111	0.3333	0.4444	0.3639	-0.0667	0.6848
cm1	0.9000	0.1000	0.6431	0.2424	0.5963
cmc	0.3537	0.4308	0.4648	0.1133	0.5807
cnae-9	0.2685	0.1626	0.2370	0.1771	0.6000
codon_usage	0.3845	0.1119	0.2630	0.2943	0.4935
coil20	0.5069	0.0493	0.4942	0.4811	0.2555
college	0.8831	0.1169	0.8606	0.7179	0.5302
collins	0.1000	0.1200	0.1293	0.0162	0.4785
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.7241	0.2759	0.6947	0.3895	0.8063
colposcopies-2	0.4828	0.5172	0.4602	-0.0794	0.9943
colposcopies-3	0.6207	0.3793	0.6045	0.2084	0.9148
colposcopies-4	0.6897	0.3103	0.5641	0.1212	0.8758
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.6207	0.3793	0.6202	0.2350	0.8975
colposcopies-c	0.7241	0.2759	0.5383	0.0645	0.8394
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.6129	0.2581	0.5691	0.3212	0.5192
comedy_comparisons1%	0.5092	0.4908	0.5056	0.0109	0.9909

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
connect-4	0.9668	0.0221	0.4071	0.3145	0.2913
cottonmeloidogyne	0.6659	0.3341	0.6658	0.3316	0.8626
coupon	0.6080	0.3920	0.5966	0.1927	0.9247
covid19	0.1933	0.2305	0.1790	0.0316	0.3503
covtype	0.4942	0.1445	0.2389	0.1817	0.5580
covtype10%	0.5033	0.1419	0.2287	0.1839	0.4888
covtypeCD	0.9235	0.0765	0.8246	0.6417	0.4749
covtypeT	0.9353	0.0647	0.6813	0.3087	0.5032
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.6369	0.1210	0.2902	0.3421	0.3391
cryotherapy	0.6667	0.3333	0.6750	0.3415	0.8344
cultivars	0.0312	0.0484	0.0071	0.0050	0.1885
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1433	0.2856	0.0718	-0.0244	0.5330
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.7037	0.2963	0.6942	0.3872	0.8199
darwin	0.6111	0.3889	0.6349	0.2222	0.7904
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dating	0.0972	0.1806	0.0323	-0.0049	0.4892
dbworld	0.7143	0.2857	0.7083	0.4167	0.8058
default	0.8090	0.1910	0.6780	0.3173	0.6755
defect	0.8364	0.1636	0.6018	0.1477	0.6519
dementia	0.9200	0.0800	0.9203	0.8400	0.3687
deposit	0.8896	0.1104	0.6480	0.1883	0.4825
depressed	0.8182	0.1818	0.5539	0.0710	0.6919
dermatology	0.7568	0.0811	0.7493	0.6964	0.1963
desharnais	0.5000	0.3333	0.3366	0.0303	0.5178
dexter	0.4500	0.5500	0.4475	-0.1000	1.0000
df_final	0.2500	0.5000	0.2696	-0.1429	0.7577
DIA	0.6667	0.3333	0.4863	-0.0256	0.9091
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9217	0.0783	0.6693	0.2435	0.4517
diabetes-risk	0.8397	0.1603	0.7203	0.3900	0.5818
diabetic	0.4156	0.3896	0.3414	0.0466	0.5064
diabetic1%	0.5196	0.3203	0.3655	0.1299	0.5521
diabetic10%	0.4312	0.3792	0.3249	0.0253	0.5575
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8667	0.0667	0.8150	0.8142	0.2151
diamonds_all	0.2697	0.2921	0.2645	0.0553	0.5322
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	0.6000	0.4000	0.5833	0.1667	0.9308
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dota2	0.5536	0.4464	0.5466	0.0849	0.9350
dota210%	0.5485	0.4515	0.5453	0.0903	0.9695
drebin	0.8889	0.1111	0.8802	0.7603	0.4761
dropout	0.6479	0.2348	0.4899	0.3439	0.3956
drug-01	0.2660	0.2097	0.1158	0.0635	0.4808
drug-02	0.3830	0.1763	0.1554	0.1166	0.4946
drug-03	0.4521	0.1565	0.1499	0.0908	0.3108
drug-04	0.4043	0.1702	0.1746	0.1577	0.5624
drug-05	0.4255	0.1641	0.1334	-0.0180	0.2739
drug-06	0.0798	0.2629	0.0819	-0.0459	0.6145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-07	0.4255	0.1641	0.0853	-0.0068	0.2813
drug-08	0.2500	0.2143	0.1554	0.0514	0.4888
drug-09	0.6915	0.0881	0.1340	0.0606	0.2018
drug-10	0.2606	0.2112	0.1802	0.0996	0.5088
drug-11	0.6011	0.1140	0.1505	0.0425	0.3267
drug-12	0.5745	0.1216	0.1883	0.1253	0.3114
drug-13	0.3245	0.1930	0.1642	0.1408	0.5059
drug-14	0.3138	0.1960	0.1573	0.0772	0.4632
drug-15	0.4202	0.1657	0.1173	0.0679	0.3936
drug-16	0.4043	0.1702	0.2380	0.2094	0.4529
drug-17	0.3298	0.1915	0.1337	0.0707	0.5278
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.5000	0.1429	0.1215	0.0214	0.3946
drybean	0.7436	0.0733	0.7380	0.6932	0.3218
ecoli	0.7353	0.0662	0.3597	0.6357	0.2203
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7238	0.4460	0.7379
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.1614	-0.0136	0.6289
eeg	0.1329	0.1084	0.1021	0.0600	0.6748
eeg-eye	0.6515	0.3485	0.6436	0.2794	0.8663
eeg10%	0.0897	0.1138	0.0702	0.0199	0.6397
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.3973	0.2411	0.4479	0.2589	0.5629
euthyroid	0.9304	0.0696	0.7679	0.4890	0.4173
exon.vs.intron-freq	0.8295	0.1705	0.8300	0.6590	0.6031
exon.vs.intron-freq10%	0.8175	0.1825	0.8213	0.6367	0.6108
fakenews	0.5325	0.4675	0.5330	0.0657	0.9786
fbis-wc	0.1179	0.1038	0.0590	0.0325	0.5953
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.6275	0.3725	0.6203	0.2388	0.9032
financial-risk	0.4865	0.1712	0.1860	0.0329	0.4344
fishcatch	0.6875	0.1042	0.6118	0.6098	0.2059
flags	0.2000	0.2286	0.1166	0.0419	0.5079
fonts	0.0021	0.0130	0.0004	-0.0011	0.4828
forest	0.7308	0.1346	0.7899	0.6282	0.2619
gas	0.7743	0.0752	0.7868	0.7243	0.2741
gastrointestinal	0.1875	0.5417	0.1250	-0.2683	0.8773
gender	0.5095	0.3270	0.3331	0.0412	0.5488
gene	0.5016	0.3323	0.5082	0.2345	0.6325
german	0.6900	0.3100	0.6284	0.2211	0.7953
gestures	0.2560	0.3720	0.1704	0.0078	0.5719
gina	0.7406	0.2594	0.7407	0.4813	0.7640
gisette	0.7371	0.2629	0.7374	0.4743	0.7682
glass	0.6190	0.1270	0.6581	0.4831	0.3358
glass-g2	0.5625	0.4375	0.5813	0.1515	0.8916
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.8636	0.1364	0.4634	-0.0645	0.7409
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9091	0.0909	0.7843	0.4634	0.5000
glassVWFP	0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.7895	0.5000	0.5283
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8095	0.1905	0.8024	0.6017	0.6430
green	0.8000	0.2000	0.7619	0.4118	0.3750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
grub-damage	0.4667	0.2667	0.3661	0.2500	0.5444
gsalc	0.6667	0.1111	0.5714	0.5970	0.0968
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.6386	0.0602	0.3387	0.5719	0.3026
har	0.3323	0.2671	0.4063	0.1750	0.5844
har70	0.4246	0.1644	0.3232	0.2797	0.4613
har701%	0.5062	0.1411	0.3563	0.3641	0.4455
har7010%	0.5035	0.1418	0.3502	0.3713	0.4354
harth	0.4365	0.0939	0.1808	0.2851	0.5021
harth1%	0.4656	0.0891	0.1926	0.3142	0.4228
harth10%	0.4022	0.0996	0.1931	0.2456	0.4781
hayes-roth	0.6250	0.2500	0.6016	0.4074	0.4678
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.5700	0.2150	0.2105	-0.0747	0.3733
heart	0.6667	0.3333	0.6732	0.3379	0.8327
heart-attack	0.7419	0.2581	0.7383	0.4723	0.7550
heart-c	0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure	0.8440	0.1560	0.8189	0.6379	0.6089
heart-quantum	0.8200	0.1800	0.8143	0.6281	0.6334
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hepmass	0.7706	0.2294	0.7712	0.5413	0.7131
hepmass1%	0.7728	0.2272	0.7731	0.5457	0.7112
hepmass10%	0.7743	0.2257	0.7748	0.5485	0.7074
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.5860	0.4140	0.5806	0.1539	0.9234
higgs0.1%	0.5864	0.4136	0.5809	0.1544	0.9226
higgs1%	0.5835	0.4165	0.5780	0.1520	0.9348
higgs10%	0.5873	0.4127	0.5824	0.1587	0.9254
higher	0.1429	0.2143	0.1250	0.0059	0.4335
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.8438	0.1562	0.8444	0.6875	0.5712
hiv1-proteasa	0.8229	0.1771	0.6085	0.1841	0.7125
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.5684	0.2360	0.4899
hotel-reservartions	0.7671	0.2329	0.7191	0.4123	0.7016
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.6078	0.2615	0.6245	0.4026	0.5848
ht-sensor10%	0.6270	0.2487	0.6405	0.4337	0.5789
htru2	0.9726	0.0274	0.9130	0.8203	0.2303
hypothyroid	0.9231	0.0385	0.4140	0.3493	0.2221
hypothyroidT	0.9363	0.0637	0.7301	0.2778	0.1636
ilpd	0.6441	0.3559	0.4826	-0.0299	0.9187
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.8827	0.0587	0.8827	0.8436	0.2109
ionosphere	0.8571	0.1429	0.8309	0.6602	0.5698
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9600	0.0400	0.9606	0.9180	0.1675
isolet	0.0899	0.0700	0.0603	0.0534	0.5283
jm1	0.8163	0.1837	0.6318	0.1867	0.6220
jvowels	0.3574	0.1428	0.2962	0.2684	0.5119
kc1	0.8389	0.1611	0.6225	0.2149	0.6982
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.4286	0.0476	0.0312	0.1385	0.1642
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.1322	0.2170	0.0820	-0.0145	0.6381

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup981%	0.9263	0.0737	0.4809	-0.0310	0.6583
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9687	0.0031	0.1692	0.9468	0.1747
kddcup991%	0.9601	0.0061	0.2688	0.9325	0.1789
kddcup9910%	0.9478	0.0055	0.1986	0.9124	0.1624
kepler	0.5816	0.2789	0.4990	0.1659	0.4501
kidney	0.6743	0.1303	0.1864	-0.0037	0.3273
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.1312	0.0965	0.0824	0.0467	0.6220
krvskp	0.7931	0.2069	0.7935	0.5863	0.6753
la1s-wc	0.1841	0.2720	0.1286	-0.0050	0.6480
la2s-wc	0.1921	0.2693	0.1525	-0.0109	0.7222
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.1176	0.0441	0.0407	0.0901	0.1883
led24	0.2500	0.1500	0.1486	0.1379	0.3641
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.0770	0.0710	0.0679	0.0395	0.5808
leukemia	0.4286	0.3810	0.4242	0.0667	0.5513
leukemia2	0.5714	0.4286	0.5833	0.1600	0.9174
libra	0.3889	0.0815	0.4089	0.3433	0.2764
linkage	0.9985	0.0015	0.9137	0.8215	0.4062
linkage1%	0.9979	0.0021	0.8851	0.7590	0.4666
linkage10%	0.9993	0.0007	0.9569	0.9129	0.2548
liver	0.7353	0.2647	0.7632	0.4814	0.6481
loan	0.8595	0.1405	0.8495	0.6987	0.5502
localization	0.1951	0.1464	0.0879	0.0745	0.4925
localization10%	0.1820	0.1487	0.0835	0.0581	0.5382
lrs	0.6981	0.0863	0.3996	0.5847	0.2548
lung	0.8571	0.0571	0.8612	0.7418	0.1790
lung_discrete	0.3750	0.1786	0.2597	0.2453	0.2440
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8000	0.0800	0.6173	0.5876	0.2283
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.8571	0.0714	0.4469	0.7255	0.1760
lymphoma2	0.5556	0.1481	0.4125	0.4000	0.2369
machine-failure	0.8936	0.1064	0.8900	0.7792	0.4498
madelon	0.5038	0.4962	0.5038	0.0077	0.9978
magic04	0.7806	0.2194	0.7549	0.5085	0.7184
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8430	0.6859	0.5749
marketing	0.8795	0.1205	0.7127	0.3703	0.5391
maternal	0.5842	0.2772	0.6074	0.3521	0.5549
math	0.4250	0.2875	0.4211	0.1629	0.6066
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.5833	0.2083	0.5261	0.4444	0.3844
mental-health	0.2000	0.3200	0.1387	0.0058	0.5489
messidor	0.6522	0.3478	0.6620	0.3145	0.8460
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.8622	0.7682	0.1815
meter-D	0.7222	0.1389	0.6407	0.6234	0.2420
mfeat-fac	0.4600	0.1080	0.5062	0.4000	0.4393
mfeat-fou	0.2450	0.1510	0.2564	0.1611	0.6034
mfeat-kar	0.1500	0.1700	0.1432	0.0556	0.6601
mfeat-mor	0.4000	0.1200	0.3798	0.3333	0.3415

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-pix	0.3650	0.1270	0.4242	0.2944	0.5179
mfeat-zer	0.3300	0.1340	0.3715	0.2556	0.4982
mice-prot	0.3704	0.1574	0.4104	0.2821	0.4750
milk	0.7830	0.1447	0.8103	0.6547	0.2595
mines	0.3235	0.2706	0.2510	0.1555	0.5345
mobile	0.0140	0.0352	0.0060	-0.0038	0.4255
monks-1	0.6182	0.3818	0.6180	0.2346	0.9089
monks-2	0.7541	0.2459	0.7156	0.4227	0.7534
monks-3	0.8571	0.1429	0.8582	0.7147	0.5374
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9373	0.0627	0.9373	0.8743	0.3102
music	0.0733	0.1685	0.1000	0.0089	0.5442
musk	0.8924	0.1076	0.7640	0.4878	0.4913
MUT_ci300400a_cdk_ECFP2	0.6247	0.3753	0.6087	0.2164	0.9107
MUT_ci300400a_cdk_ECFP4	0.6168	0.3832	0.5984	0.1952	0.9180
MUT_ci300400a_cdk_ECFP6	0.5940	0.4060	0.5691	0.1344	0.9348
MUT_ci300400a_cdk_ESTATE	0.6703	0.3297	0.6606	0.3211	0.8617
MUT_ci300400a_cdk_EXTENDED	0.6595	0.3405	0.6462	0.2917	0.8749
MUT_ci300400a_cdk_FCFP2	0.6455	0.3545	0.6300	0.2586	0.8897
MUT_ci300400a_cdk_FCFP4	0.6127	0.3873	0.5947	0.1880	0.9218
MUT_ci300400a_cdk_FCFP6	0.6151	0.3849	0.5912	0.1766	0.9132
MUT_ci300400a_cdk_MACCS	0.6942	0.3058	0.6886	0.3766	0.8295
MUT_ci300400a_cdk_PUBCHEM	0.7401	0.2599	0.7356	0.4704	0.7670
MUT_ci300400a_cdk_STANDARD	0.6814	0.3186	0.6765	0.3522	0.8433
MUT_ci300400a_rdkit_descriptors	0.7018	0.2982	0.6938	0.3874	0.8232
myocardial	0.5176	0.1206	0.0913	0.0547	0.3404
naticusdroid	0.8984	0.1016	0.8985	0.7968	0.4355
NCI60	0.5000	0.1667	0.4286	0.4000	0.2097
nci9	0.3333	0.2222	0.1961	0.2000	0.2286
ncRNA	0.6386	0.0380	0.1427	0.3284	0.6151
ncRNA1%	0.5901	0.0431	0.1388	0.2743	0.5097
ncRNA10%	0.6600	0.0358	0.0932	0.3385	0.5979
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.8571	0.0952	0.7732	0.6613	0.3084
new-thyroidT	0.9524	0.0476	0.9211	0.8293	0.4011
newspop	0.6049	0.3951	0.6001	0.1944	0.9126
NHANES_age_prediction	0.9207	0.0793	0.8380	0.6472	0.3546
nomao	0.8842	0.1158	0.8670	0.7295	0.5179
NPHA-doctor-visits	0.5417	0.3056	0.4994	0.1010	0.5282
nursery	0.6991	0.1505	0.5656	0.5736	0.4507
obesity	0.4076	0.1693	0.4036	0.3065	0.4962
obs	0.5463	0.2269	0.6137	0.4083	0.4031
occupancy	0.9757	0.0243	0.9661	0.9321	0.2026
Occupancy_Estimation	0.9319	0.0341	0.7663	0.7979	0.1954
oh0-wc	0.2574	0.1485	0.1735	0.1409	0.5887
oh10-wc	0.1143	0.1771	0.1011	0.0223	0.6319
oh15-wc	0.1848	0.1630	0.1493	0.0747	0.6453
oh5-wc	0.0659	0.1868	0.0502	-0.0548	0.6627
ohscal-wc	0.1147	0.1771	0.0669	0.0024	0.6234
olive	0.7193	0.0624	0.6130	0.6451	0.2197
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.3772	0.1246	0.3548	0.3087	0.4937
optdigitsZ	0.9804	0.0196	0.9382	0.8759	0.2387
orl	0.0250	0.0488	0.0100	0.0000	0.2420
orlraws10P	0.4000	0.1200	0.2514	0.3333	0.1603
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9091	0.0909	0.5308	0.0456	0.6418
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7629	0.2371	0.7262	0.4475	0.7466
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7381	0.2619	0.7419	0.4788	0.7539
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.8757	0.0497	0.2897	0.3842	0.3860
parkinson	0.8833	0.1167	0.8787	0.7570	0.4817
parkinsons	0.6825	0.3175	0.6486	0.2892	0.8469
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8500	0.1500	0.8042	0.5902	0.5477
particle10%	0.8531	0.1469	0.8090	0.6063	0.5607
pasture	0.2500	0.5000	0.2222	-0.0909	0.5195
pc1	0.9369	0.0631	0.7008	0.3376	0.4605
pcmac	0.5155	0.4845	0.4874	-0.0248	0.9945
pcos	0.9967	0.0033	0.9949	0.9896	0.0572
pd	0.8289	0.1711	0.7553	0.5000	0.6507
pediatric-leukemia	0.2941	0.2017	0.2591	0.1579	0.6278
pendigits	0.5478	0.0904	0.5466	0.4968	0.3725
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.4444	0.5556	0.3077	-0.3636	1.0000
persistency	0.7405	0.2595	0.7169	0.4304	0.7742
personalities	0.1023	0.1122	0.0714	0.0425	0.6590
pet-adoption	0.8100	0.1900	0.7770	0.5459	0.6524
phishing	0.8816	0.1184	0.8761	0.7521	0.4942
PhiUSIIL	0.9416	0.0584	0.9405	0.8800	0.2869
PhiUSIIL10%	0.9309	0.0691	0.9298	0.8574	0.3147
phone-acc	0.2685	0.2090	0.2622	0.1416	0.6158
phone-acc0.1%	0.2427	0.2164	0.1802	0.1127	0.6000
phone-acc1%	0.2131	0.2248	0.1663	0.0789	0.6222
phone-acc10%	0.2373	0.2179	0.1713	0.1037	0.5977
phone-gyr	0.2529	0.2135	0.2527	0.1238	0.5969
phone-gyr0.1%	0.2426	0.2164	0.2493	0.1157	0.6173
phone-gyr1%	0.2037	0.2275	0.1638	0.0677	0.6068
phone-gyr10%	0.2195	0.2230	0.1768	0.0887	0.6056
phoneme	0.8000	0.2000	0.7432	0.4830	0.7066
phy	0.6482	0.3518	0.6485	0.2966	0.8809
pima	0.6316	0.3684	0.5861	0.1392	0.8376
pirvision	0.9641	0.0239	0.9170	0.8872	0.1820
placement	0.7800	0.2200	0.7729	0.5452	0.7053
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.6111	0.3889	0.4834	-0.0328	0.9365
poker	0.4230	0.1154	0.0595	0.0000	0.1754
poker1%	0.4576	0.1550	0.1465	0.0378	0.2917
poker10%	0.4230	0.1442	0.0743	0.0000	0.1921
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9340	0.0660	0.6800	0.0871	0.1667
polya	0.7114	0.2886	0.6732	0.3406	0.8188
popularity	0.6419	0.2388	0.3837	0.0651	0.3883
post-operative	0.6667	0.2222	0.3967	0.1818	0.4399
postures	0.3694	0.2522	0.4148	0.2105	0.5799
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6338	0.2647	0.8906
prestige	0.8889	0.0741	0.8805	0.8200	0.1174
primary-tumor	0.1212	0.0799	0.0856	0.0842	0.2774
processed	0.8290	0.1710	0.8056	0.6111	0.6379

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
profb	0.6418	0.3582	0.5939	0.1879	0.8988
promoters	0.6000	0.4000	0.5833	0.1667	0.9308
prostate	0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio	0.7092	0.1163	0.5496	0.6093	0.3851
puc-rio10%	0.7224	0.1110	0.6370	0.6342	0.3717
pufs-128	0.5012	0.4988	0.5012	0.0025	0.9993
pufs-1281%	0.5072	0.4928	0.5072	0.0143	0.9959
pufs-12810%	0.5008	0.4992	0.5008	0.0016	0.9995
pufs-64	0.4995	0.5005	0.4995	-0.0011	0.9997
pufs-641%	0.4992	0.5008	0.4991	-0.0017	1.0000
pufs-6410%	0.4964	0.5036	0.4964	-0.0073	1.0000
pulsar	0.9777	0.0223	0.9304	0.8570	0.1932
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
rcv11%	0.0241	0.0476	0.0096	-0.0073	0.6218
re0-wc	0.1067	0.1374	0.0568	0.0023	0.6658
re1-wc	0.0482	0.0761	0.0239	-0.0065	0.6202
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9819	0.0181	0.9817	0.9633	0.1177
rnaseq	0.8000	0.0800	0.7705	0.7342	0.2850
rocket	0.6139	0.3861	0.5940	0.1872	0.9219
RT_IOT2022	0.9656	0.0057	0.5469	0.9125	0.0449
satimage	0.7465	0.0845	0.7136	0.6907	0.3450
satimageF	0.9829	0.0171	0.9546	0.9066	0.1130
satimageT	0.9254	0.0746	0.7564	0.4129	0.3066
scadi	0.5714	0.1224	0.3265	0.3824	0.2331
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5294	0.4706	0.5294	0.0588	0.9823
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9423	0.0577	0.7022	0.1722	0.1514
secondary_mushroom	0.7825	0.2175	0.7834	0.5643	0.6907
seeds	0.8571	0.0952	0.8631	0.7857	0.2706
segment	0.5974	0.1150	0.6307	0.5308	0.3384
segmentation	0.7673	0.2327	0.7377	0.4681	0.7285
segmentO	0.9394	0.0606	0.8793	0.7586	0.4410
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9560	0.0440	0.8752	0.7498	0.4120
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8635	0.1365	0.5497	0.0225	0.4461
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8658	0.1342	0.5971	0.1223	0.5839
sens-4-gram	0.8395	0.1605	0.5291	0.0469	0.7388
sens-5-gram	0.8579	0.1421	0.5509	0.0587	0.6232
sens-6-gram	0.8579	0.1421	0.5509	0.0587	0.6232
sens-7-gram	0.8658	0.1342	0.5694	0.0500	0.4928
sens-8-gram	0.8579	0.1421	0.5635	0.0823	0.6398
sens-9-gram	0.8684	0.1316	0.6013	0.1055	0.5237
sensorless	0.1827	0.1486	0.1585	0.1010	0.5159
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8629	0.1371	0.6844	0.1901	0.3629
shuttle	0.9821	0.0051	0.4106	0.9492	0.0347
sick	0.9337	0.0663	0.6853	0.3570	0.5885
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9648	0.0352	0.9457	0.8909	0.2399
skin10%	0.9685	0.0315	0.9551	0.9082	0.2717
smarket	0.7920	0.2080	0.7937	0.5825	0.6642
smart-farming	0.3000	0.3500	0.2763	0.0581	0.7356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smk_can_187	0.5263	0.4737	0.5345	0.0656	0.9580
smoking	0.7105	0.2895	0.6926	0.3847	0.8155
soil_pollution	0.1767	0.3293	0.1230	-0.0320	0.6511
solar-flare	0.6475	0.1175	0.4745	0.5482	0.2267
sonar	0.3500	0.6500	0.3492	-0.3000	1.0000
soybean	0.5147	0.0511	0.4616	0.4675	0.2145
spam-detection	0.9415	0.0585	0.7997	0.5739	0.4148
spambase	0.8326	0.1674	0.8236	0.6463	0.6058
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer	0.0962	0.0670	0.0473	0.0527	0.3197
splice-EI	0.8044	0.1956	0.7306	0.4593	0.7171
splice-IE	0.7571	0.2429	0.6280	0.2480	0.8045
sport-articles	0.7700	0.2300	0.7460	0.4681	0.6777
squash-stored	0.8000	0.1333	0.8333	0.7059	0.1585
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	0.7634	0.2366	0.7592	0.5101	0.7167
steel_industry	0.7178	0.1882	0.6704	0.5469	0.4587
steel-b	0.8000	0.2000	0.6542	0.2897	0.7384
steel-d	0.9744	0.0256	0.7677	0.5324	0.5024
steel-k	0.9590	0.0410	0.9385	0.8765	0.3112
steel-o	0.6923	0.3077	0.6350	0.2510	0.8263
steel-p	0.9179	0.0821	0.6440	0.2387	0.5624
steel-s	0.9641	0.0359	0.7068	0.3491	0.4092
steel-z	0.9487	0.0513	0.8542	0.7084	0.4722
stellar	0.5447	0.3035	0.5257	0.2376	0.5488
stock	0.8125	0.1875	0.6591	0.3150	0.7501
stockb	0.9648	0.0235	0.9663	0.9471	0.0719
streaming	0.7520	0.2480	0.7495	0.4990	0.7490
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.3200	0.2720	0.2775	0.1302	0.4029
student-depression	0.7090	0.2910	0.6978	0.3951	0.8153
student-habits	0.3500	0.2600	0.2046	0.0081	0.5864
student-weekend	0.2923	0.2831	0.2567	0.0865	0.6508
student-workday	0.6094	0.1562	0.2156	0.1370	0.5137
studentap	0.4615	0.3590	0.4444	0.1574	0.6570
susy	0.7352	0.2648	0.7323	0.4612	0.7665
susy1%	0.7426	0.2574	0.7436	0.4703	0.7197
susy10%	0.7398	0.2602	0.7379	0.4679	0.7482
swarm_aligned	0.9658	0.0342	0.9612	0.9216	0.2314
swarm_flocking	0.9126	0.0874	0.9127	0.8251	0.3935
swarm_grouped	0.9384	0.0616	0.9345	0.8689	0.3227
tae	0.6000	0.2667	0.6497	0.4000	0.4012
telco-churn	0.8352	0.1648	0.7828	0.5643	0.6468
texture	0.5855	0.0754	0.6160	0.5442	0.3506
theorem	0.8854	0.1146	0.8847	0.7673	0.4739
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.8684	0.1316	0.8364	0.6713	0.5520
tic-tac-toe	0.8000	0.2000	0.7677	0.5269	0.6698
tis	0.7547	0.2453	0.6280	0.2416	0.7963
tis10%	0.7463	0.2537	0.6303	0.2558	0.8158
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.8750	0.0417	0.7703	0.8298	0.0994
tox_171	0.4706	0.2647	0.5133	0.2949	0.3974
toxicity	0.3529	0.6471	0.2609	-0.4724	1.0000
toxicity-13f	0.6471	0.3529	0.6136	0.2273	0.8920
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5282	0.0517	0.8718

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec11-wc	0.1951	0.1789	0.1619	0.0095	0.5800
trec12-wc	0.2903	0.1774	0.2500	0.1773	0.5394
trec21-wc	0.4242	0.1919	0.2528	0.1304	0.5888
trec23-wc	0.4762	0.1746	0.3249	0.2572	0.3951
trec31-wc	0.2796	0.2401	0.1968	0.1010	0.7211
trec41-wc	0.1705	0.1659	0.1226	0.0638	0.6661
trec45-wc	0.1304	0.1739	0.1457	0.0441	0.5722
tuandromd	0.9552	0.0448	0.9304	0.8608	0.3181
turkish	0.5250	0.2375	0.5861	0.3667	0.4503
tvnews	0.7852	0.2148	0.7638	0.5250	0.7033
tvnews1%	0.8000	0.2000	0.7853	0.5706	0.6805
tvnews10%	0.7826	0.2174	0.7609	0.5181	0.7051
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.4478	0.1227	0.3836	0.3424	0.4478
urinalysis	0.9301	0.0699	0.4819	-0.0229	0.6125
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.5714	0.2143	0.5646	0.4182	0.5213
vehicleVAN	0.9048	0.0952	0.8977	0.7746	0.4230
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.1919	0.1469	0.2505	0.1111	0.4210
vowelZ	0.9495	0.0505	0.8723	0.7343	0.4979
vrnormat310k-hg16-17	0.9107	0.0893	0.6500	0.2492	0.5655
wap-wc	0.0256	0.0974	0.0139	-0.0360	0.6480
warpar10p	0.3846	0.1231	0.3214	0.3158	0.2292
warppie10p	0.7143	0.0571	0.7432	0.6834	0.1303
watch-acc	0.3221	0.1937	0.3776	0.2092	0.5468
watch-acc1%	0.3688	0.1803	0.4264	0.2671	0.5129
watch-acc10%	0.3290	0.1917	0.3901	0.2185	0.5416
watch-gyr	0.3166	0.1953	0.3624	0.2035	0.5816
watch-gyr1%	0.2258	0.2212	0.2626	0.0980	0.5789
watch-gyr10%	0.3000	0.2000	0.3498	0.1836	0.5594
water_pollution	0.2800	0.3600	0.1866	0.0362	0.5690
waveform	0.5900	0.2733	0.6159	0.3833	0.5936
weather-related	0.4135	0.1066	0.3624	0.3496	0.4764
web-phishing	0.8000	0.1333	0.5575	0.6296	0.3267
Weekly	0.9074	0.0926	0.9066	0.8109	0.3951
weight-lift	0.3231	0.2708	0.3420	0.1518	0.5703
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.8950	0.0525	0.8994	0.8600	0.1865
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5157	0.1614	0.2360	0.2063	0.4188
winequality-white	0.3190	0.1946	0.1670	0.0345	0.3592
winnipeg	0.8684	0.0376	0.7049	0.8343	0.2192
winnipeg10%	0.8429	0.0449	0.6103	0.8016	0.2100
wisc_bc	0.9474	0.0526	0.9443	0.8880	0.2925
yale	0.1250	0.1167	0.0889	0.0667	0.2462
yeast	0.5135	0.0973	0.3351	0.3556	0.3840
yeastCYT-POX	1.0000	0.0000	1.0000	1.0000	0.0000
yeastEXC	0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1	0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495
zip	0.3882	0.1224	0.3293	0.3153	0.5209

Table 419: Detailed results for RBFNN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1079	0.0615	0.1046	0.0358	0.6385
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9828	0.0172	0.6548	0.0962	0.1558
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.9817	0.0183	0.9614	0.9198	0.0692
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8889	0.1111	0.7333	0.3010	0.2451
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.6979	0.2188	0.4125
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8075	0.1925	0.7050	0.3466	0.6008
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8571	0.0571	0.5619	0.6483	0.1567
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7442	0.2558	0.7104	0.3580	0.6442
anneal	0.9551	0.0180	0.9446	0.9020	0.0988
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9847	0.0076	0.9502	0.9707	0.0355
anuran-genus	0.9847	0.0038	0.9545	0.9748	0.0340
anuran-species	0.9833	0.0033	0.9732	0.9768	0.0302
anxiety	0.1083	0.1981	0.1164	-0.0070	0.7919
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6000	0.4000	0.5833	0.1667	0.9308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.6444	0.0547	0.3514	0.3640	0.2406
auction	0.8775	0.1225	0.6686	0.0652	0.2579
audiology	0.5217	0.0399	0.2060	0.4488	0.1132
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7230	0.8676	0.0699
avila	0.7782	0.0370	0.7776	0.7033	0.3267
babies	0.3306	0.1912	0.1633	0.0098	0.6329
balance	0.9032	0.0645	0.6228	0.8178	0.1771
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8848	0.1152	0.8741	0.7412	0.4487
basehock	0.7638	0.2362	0.7959	0.5265	0.5005
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8571	0.1429	0.8479	0.6957	0.5561
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0000	0.0690	0.0000	0.0000	0.0136
bitcoin10%	0.0032	0.0687	0.0002	0.0000	0.0124
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.6786	0.3214	0.5913	0.1818	0.8787
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9483	0.0259	0.9167	0.8893	0.1913
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8355	0.6681	0.5759
cardiotocography	0.7746	0.0451	0.7442	0.7277	0.2489
cardiotocography-nsp	0.8920	0.0720	0.7883	0.6603	0.2377
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9949	0.0034	0.9949	0.9924	0.0197
cars	0.7500	0.1667	0.6705	0.5249	0.4567
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7831	0.2169	0.7842	0.5664	0.6902
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7914	0.2086	0.7929	0.5833	0.6736
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7720	0.2280	0.7415	0.4759	0.7218
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9557	0.0443	0.6838	0.2003	0.2594
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.6230	0.1691	0.5280
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9993	0.0007	0.8332	0.6663	0.4330
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8360	0.1640	0.7064	0.3475	0.5696
churn-bigml	0.8914	0.1086	0.7456	0.4071	0.4116
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.4807	0.4350	0.4320
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7667	0.1167	0.4751	0.6128	0.2656
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4667	0.2020	0.7485
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8956	0.0190	0.8061	0.8724	0.1483
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.5400	0.0613	0.4213	0.4838	0.2136
colon-tumor	0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1	0.6552	0.3448	0.5841	0.1570	0.8836
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6207	0.3793	0.5943	0.1212	0.7498
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.8387	0.1613	0.8092	0.5995	0.5508
column-3c	0.7742	0.1505	0.7318	0.6303	0.3780
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7572	0.2428	0.7652	0.5155	0.6950
coupon	0.6877	0.3123	0.6765	0.3425	0.8214
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.8695	0.0373	0.7718	0.7886	0.2877
covtypeCD	0.9826	0.0174	0.9624	0.9241	0.1454
covtypeT	0.9766	0.0234	0.9034	0.7971	0.2052
crabs	0.9000	0.0500	0.9000	0.8667	0.1285
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9989	0.0011	0.8234	0.5710	0.0057
crowdsourced	0.9475	0.0175	0.8958	0.8885	0.0889
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.4375	0.0281	0.3206	0.4240	0.0751
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1533	0.2822	0.1582	-0.0211	0.8653
cyclopentane	0.5926	0.4074	0.5843	0.1681	0.9372
cylinder-bands	0.7593	0.2407	0.7722	0.5263	0.6829
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8003	0.1997	0.6517	0.2014	0.5779
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8943	0.1057	0.6998	0.3795	0.6114
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9189	0.0270	0.9243	0.8987	0.0846
desharnais	0.5000	0.3333	0.3901	0.1579	0.6489
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8125	0.1250	0.8452	0.7108	0.2409
DIA	0.8333	0.1667	0.7585	0.4595	0.5191
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5490	0.3007	0.4114	0.0251	0.3393
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9333	0.0333	0.9107	0.9068	0.0880
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	0.6250	0.3750	0.3846	-0.2000	0.9438
dlbcl-nih	0.5000	0.5000	0.3333	-0.1613	0.9442
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5524	0.4476	0.5526	0.0663	0.8078
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.6953	0.2032	0.5854	0.4806	0.5609
drug-01	0.3830	0.1763	0.2410	0.0592	0.5888
drug-02	0.5106	0.1398	0.1523	0.0297	0.4068
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5106	0.1398	0.1923	0.0655	0.6004
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.3830	0.1763	0.1996	0.2150	0.5720
drug-07	0.4149	0.1672	0.1442	0.0156	0.4232
drug-08	0.5585	0.1261	0.1852	0.1048	0.4523
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5479	0.1292	0.1835	0.0521	0.3514
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-13	0.5957	0.1155	0.1515	0.0911	0.3001
drug-14	0.5479	0.1292	0.1678	0.0806	0.5095
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5479	0.1292	0.2203	0.1015	0.3067
drug-17	0.3670	0.1809	0.1842	0.1150	0.5339
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0053	0.2842
drybean	0.9309	0.0197	0.9426	0.9165	0.1175
ecoli	0.8824	0.0294	0.5439	0.8357	0.0656
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8744	0.7163	0.2345
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3000	0.3500	0.2977	0.0648	0.8117
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.9206	0.0794	0.9199	0.8386	0.3596
eeg10%	0.3587	0.0802	0.3467	0.2840	0.5395
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5342	0.1863	0.4685	0.3965	0.5116
euthyroid	0.9430	0.0570	0.8174	0.5819	0.2682
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.2683	0.0861	0.1540	0.0849	0.3384
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4706	0.5294	0.4675	-0.0650	1.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8654	0.0673	0.8534	0.8163	0.1919
gas	0.9928	0.0024	0.9930	0.9913	0.0181
gastrointestinal	0.8125	0.1250	0.8305	0.6981	0.2631
gender	0.5621	0.2919	0.4242	0.1447	0.7472
gene	0.7035	0.1977	0.7092	0.4510	0.2940
german	0.6300	0.3700	0.5090	0.0107	0.8287
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8818	0.1182	0.8820	0.7634	0.4791
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8571	0.0476	0.9036	0.7987	0.1470
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.6000	0.2000	0.5556	0.4737	0.1226
glioma-grade	0.8333	0.1667	0.8274	0.6515	0.5910
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.5312	0.3636	0.4867
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.9924	0.0031	0.9919	0.9903	0.0222

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.9155	0.0241	0.5586	0.8742	0.2366
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.8688	0.0219	0.5815	0.8207	0.2423
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.7500	0.1667	0.8075	0.6213	0.2879
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8710	0.1290	0.8745	0.7427	0.4884
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6473	0.3527	0.6461	0.2790	0.8544
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1389	0.0610	0.3274
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.7188	0.2812	0.7240	0.4240	0.7363
hiv1-proteasa	0.8567	0.1433	0.7075	0.2469	0.3466
hiva	0.9645	0.0355	0.6167	0.1102	0.3399
horse	0.5278	0.3148	0.3039	0.0497	0.5012
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.9997	0.0002	0.9997	0.9995	0.0019
htru2	0.9771	0.0229	0.9284	0.8548	0.2334
hypothyroid	0.9310	0.0345	0.5001	0.4866	0.2773
hypothyroidT	0.9469	0.0530	0.7830	0.4538	0.1442
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8274	0.1726	0.6793	0.3320	0.6827
jvowels	0.9869	0.0029	0.9860	0.9852	0.0226
kc1	0.8673	0.1327	0.6962	0.3323	0.5598
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.5714	0.0357	0.0317	0.0455	0.2031
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9976	0.0004	0.8776	0.9959	0.0124
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krkopt	0.7070	0.0326	0.6973	0.6720	0.3067
krvskp	0.8809	0.1191	0.8809	0.7615	0.4846
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.3529	0.0324	0.1603	0.3291	0.0947
led24	0.5500	0.0900	0.4791	0.4944	0.2002
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9470	0.0041	0.9467	0.9449	0.0614
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8889	0.0148	0.9028	0.8808	0.0496
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9995	0.0005	0.9628	0.9228	0.0031
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.6778	0.0586	0.4241	0.5866	0.4727
lrs	0.8113	0.0377	0.4765	0.7407	0.1719
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.8889	0.1111	0.7805	0.4545	0.2500
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	0.7778	0.0494	0.4018	0.6842	0.0783
machine-failure	0.8830	0.1170	0.8790	0.7562	0.4741
madelon	0.5923	0.4077	0.6192	0.1846	0.7854
magic04	0.8574	0.1426	0.8415	0.6819	0.5578
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8125	0.6245	0.6395
marketing	0.8884	0.1116	0.7386	0.4169	0.4831
maternal	0.8317	0.1122	0.8340	0.7451	0.3788
math	0.7500	0.1250	0.4164	0.5807	0.2112
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2438
mental-health	0.2233	0.3107	0.2282	0.0262	0.8289
messidor	0.5826	0.4174	0.5698	0.1388	0.9461
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.8089	0.6975	0.2513
meter-D	0.8333	0.0833	0.8904	0.7722	0.1154
mfeat-fac	0.9600	0.0080	0.9618	0.9556	0.0413
mfeat-fou	0.7650	0.0470	0.7581	0.7389	0.2050
mfeat-kar	0.9600	0.0080	0.9607	0.9556	0.0507
mfeat-mor	0.6550	0.0690	0.6473	0.6167	0.2464
mfeat-pix	0.9750	0.0050	0.9762	0.9722	0.0310
mfeat-zer	0.7850	0.0430	0.7765	0.7611	0.1397
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.4706	0.2118	0.4075	0.3326	0.5140
mobile	0.6189	0.0136	0.6511	0.6119	0.1555
monks-1	0.8182	0.1818	0.8187	0.6358	0.6232
monks-2	0.8525	0.1475	0.8350	0.6695	0.5756

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-3	0.7679	0.2321	0.7674	0.5345	0.7207
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9455	0.0545	0.8896	0.7628	0.2484
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7770	0.2230	0.7685	0.5350	0.7076
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.8417	0.1583	0.8373	0.6745	0.5858
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.8622	0.1378	0.8602	0.7198	0.5361
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9724	0.0276	0.9724	0.9448	0.1692
NCI60	0.5000	0.1667	0.4375	0.4000	0.1756
nci9	0.3333	0.1481	0.2222	0.2727	0.1743
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.9038	0.0101	0.5001	0.7024	0.1751
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9031	0.0969	0.7966	0.5570	0.4357
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4444	0.3704	0.3331	-0.0035	0.7978
nursery	0.9429	0.0228	0.5731	0.9154	0.0734
obesity	0.8483	0.0433	0.8449	0.8229	0.1772
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9937	0.0063	0.9911	0.9822	0.0726
Occupancy_Estimation	0.9901	0.0049	0.9695	0.9701	0.0611
oh0-wc	0.3465	0.1307	0.3065	0.2147	0.3777
oh10-wc	0.3429	0.1314	0.2461	0.2216	0.4207
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9751	0.0050	0.9760	0.9723	0.0361
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.8400	0.1600	0.8231	0.6350	0.5590
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7835	0.2165	0.7557	0.4444	0.5442
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8413	0.1587	0.8435	0.6780	0.5451
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.8475	0.8371	0.1989
parkinson	0.9333	0.0667	0.9345	0.8646	0.3141
parkinsons	0.6872	0.3128	0.6500	0.2559	0.7673

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8731	0.1269	0.8381	0.6735	0.5374
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5722	0.4278	0.4944	-0.0042	0.7636
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia	0.4118	0.1681	0.3049	0.2758	0.4679
pendigits	0.9891	0.0022	0.9891	0.9879	0.0202
period	0.7778	0.2222	0.7568	0.4000	0.4011
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.7650	0.2350	0.7177	0.4070	0.6987
phishing	0.9755	0.0245	0.9744	0.9482	0.1381
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.7205	0.0799	0.7061	0.6733	0.3190
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.7265	0.0781	0.7090	0.6799	0.3279
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.9148	0.0852	0.8937	0.7869	0.4209
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6579	0.3421	0.6226	0.2109	0.8159
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5405	0.0919	0.1111	0.0999	0.2317
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9289	0.0711	0.4816	-0.0033	0.3009
polya	0.7157	0.2843	0.6877	0.2625	0.5789
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9284	0.0286	0.9333	0.9105	0.1109
pred-tox_mutagen_ref-desc	0.7500	0.2500	0.7510	0.5000	0.7445
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.2727	0.0661	0.1174	0.1894	0.2704
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6866	0.3134	0.5973	0.0881	0.6346
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE	0.7273	0.2727	0.7609	0.4211	0.4644
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9831	0.0068	0.9722	0.9773	0.0512
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.5025	0.4975	0.5025	0.0049	0.9959
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9000	0.1000	0.9001	0.8000	0.4311

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.5800	0.0646	0.3654	0.3546	0.2664
re1-wc	0.3855	0.0492	0.2048	0.2529	0.3322
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.7817	0.2183	0.8181	0.5760	0.4576
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6110	0.3890	0.5754	0.1384	0.9034
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.9129	0.0290	0.9026	0.8923	0.1432
satimageF	0.9938	0.0062	0.9840	0.9679	0.1036
satimageT	0.9425	0.0575	0.8208	0.5984	0.2997
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5294	0.4706	0.5296	0.0588	0.9796
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9526	0.9393	0.0707
segmentation	0.8416	0.1584	0.8248	0.6482	0.5930
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9748	0.0252	0.9274	0.8437	0.0852
sens-1-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-2-gram	0.8737	0.1263	0.6333	0.1180	0.4289
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.5852	0.0014	0.2173
shoppers	0.8670	0.1330	0.6874	0.2916	0.5234
shuttle	0.9991	0.0002	0.9122	0.9976	0.1242
sick	0.9496	0.0504	0.7541	0.4634	0.4163
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9987	0.0013	0.9981	0.9961	0.0110
skin10%	0.9992	0.0008	0.9988	0.9975	0.0056
smarket	0.9520	0.0480	0.9540	0.9037	0.2006
smart-farming	0.2200	0.3900	0.1504	-0.0541	0.5835
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1567	0.3373	0.1573	-0.0555	0.9017
solar-flare	0.7554	0.0815	0.6750	0.6868	0.2446
sonar	0.6500	0.3500	0.7149	0.3000	0.5049
soybean	0.9706	0.0031	0.9620	0.9678	0.0203
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9109	0.0891	0.9064	0.8109	0.3901
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.4615	0.0399	0.3929	0.4295	0.1809
splice-EI	0.8486	0.1514	0.7935	0.4992	0.3166
splice-IE	0.8423	0.1577	0.7711	0.4329	0.3199
sport-articles	0.8700	0.1300	0.8636	0.7257	0.5272
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
startup	0.8172	0.1828	0.7991	0.5619	0.5335
steel_industry	0.8533	0.0978	0.8182	0.7589	0.3154
steel-b	0.8564	0.1436	0.7621	0.5057	0.5945
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8410	0.1590	0.8218	0.6414	0.5939
steel-p	0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s	0.9846	0.0154	0.8934	0.7617	0.0555
steel-z	0.9590	0.0410	0.8784	0.7553	0.3856
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8264	0.1736	0.6270	0.1796	0.6195
stockb	0.9912	0.0059	0.9912	0.9868	0.0319
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1711	0.0093	0.4616
student-weekend	0.3846	0.2462	0.1124	0.0038	0.3630
student-workday	0.6719	0.1313	0.1638	0.0161	0.3636
studentap	0.5385	0.3077	0.4983	0.2778	0.4382
susy1%	0.7676	0.2324	0.7662	0.5324	0.7229
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9782	0.0040	0.9792	0.9759	0.0305
theorem	0.9755	0.0245	0.9749	0.9497	0.1609
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.6471	0.1765	0.6786	0.5342	0.2549
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.5161	0.0304	0.8859
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.3810	0.2063	0.1414	-0.0225	0.4210
trec31-wc	0.5591	0.1470	0.4915	0.3915	0.3500
trec41-wc	0.5341	0.0932	0.3137	0.4107	0.3216
trec45-wc	0.3478	0.1304	0.2216	0.1646	0.3211
tuandromd	0.9731	0.0269	0.9576	0.9136	0.1604
turkish	0.8000	0.1000	0.8058	0.7333	0.2435
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8385	0.1615	0.8250	0.6326	0.5355
tvnews10%	0.8612	0.1388	0.8501	0.6859	0.4832
ur3_cobotops_grip	0.9728	0.0272	0.7282	0.4002	0.3848
ur3_cobotops_stop	0.9673	0.0327	0.6947	0.2833	0.3328
urban	0.7463	0.0564	0.7731	0.7018	0.2075
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7262	0.1369	0.6729	0.6267	0.2817
vehicleVAN	0.9643	0.0357	0.9523	0.9000	0.1262
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.9767	0.0233	0.9773	0.9535	0.1262
vowel	0.6869	0.0569	0.7217	0.6556	0.1535
vowelZ	0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2885	0.0712	0.1917	0.1697	0.3521
warpar10p	0.5385	0.0923	0.4340	0.4765	0.1634
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.8164	0.0524	0.8126	0.7851	0.2328
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.7470	0.0723	0.7448	0.7045	0.3205
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2367	0.3817	0.2371	-0.0175	0.8718
waveform	0.8480	0.1013	0.8515	0.7721	0.3343
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8741	0.0840	0.8167	0.7727	0.3388
Weekly	0.9630	0.0370	0.9625	0.9250	0.2148
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9607	0.0393	0.7495	0.4679	0.4431
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.7044	0.0985	0.3471	0.5236	0.4532
winequality-white	0.6503	0.0999	0.3810	0.4542	0.4857
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.6875	0.0417	0.6650	0.6653	0.0824
yeast	0.5946	0.0811	0.3704	0.4765	0.3530
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053
zip	0.9430	0.0114	0.9387	0.9361	0.0794

Table 420: Detailed results for RDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1807	0.0780	0.1133	0.0953	0.4725
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.6393	0.1000	0.5239
ads	0.1402	0.8598	0.1230	0.0000	0.3071
adult	0.8339	0.1661	0.7630	0.5247	0.6676
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_MACCSFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878	0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8586	0.0943	0.3080	-0.0221	0.4024
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9920	0.0080	0.4980	-0.0003	0.0309
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9930	0.0070	0.4982	-0.0034	0.4755
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8263	0.1737	0.7474	0.4858	0.6648
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8601	0.1399	0.8574	0.7147	0.5401
alcohol	0.8286	0.0686	0.5401	0.6056	0.1887
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.8326	0.1674	0.8158	0.6315	0.6194
anneal	0.9101	0.0360	0.8399	0.8284	0.3431
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9458	0.0271	0.8876	0.8984	0.2701
anuran-genus	0.9597	0.0101	0.8944	0.9349	0.2253
anuran-species	0.9694	0.0061	0.9332	0.9577	0.0960
anxiety	0.1167	0.1963	0.1180	0.0062	0.8190
apple-quality	0.8450	0.1550	0.8450	0.6900	0.5719
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.7333	0.0533	0.4993	0.5677	0.2172
auction	0.8725	0.1275	0.6124	0.1467	0.5667

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.0455	0.1736	0.0079	0.0000	0.3844
audit-risk	0.9103	0.0897	0.9105	0.8051	0.2669
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9310	0.0690	0.9310	0.8619	0.3353
autos	0.6000	0.1333	0.5059	0.4719	0.3718
avila	0.5098	0.0817	0.3674	0.2660	0.6011
babies	0.0081	0.2834	0.0023	0.0000	0.3393
balance	0.9194	0.0538	0.8845	0.8604	0.3020
bank	0.9036	0.0964	0.7619	0.5237	0.6171
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8874	0.7571	0.3455
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.9069	0.8131	0.3595
biodeg	0.8476	0.1524	0.8403	0.6800	0.5791
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6612	0.1694	0.6658	0.5483	0.4737
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.6857	0.7143	0.1393
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8506	0.0747	0.8348	0.7160	0.3266
car-insurance	0.8100	0.1900	0.7749	0.5488	0.6779
card	0.8841	0.1159	0.8816	0.7575	0.4481
cardiotocography	0.7887	0.0423	0.7699	0.7487	0.2658
cardiotocography-nsp	0.8779	0.0814	0.7556	0.6558	0.4017
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6589	0.5676	0.3890
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.7062	0.2938	0.7078	0.4134	0.8066
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.7343	0.2657	0.7319	0.4633	0.7744
cas_N6512_RDkit_MACCS_FP	0.7515	0.2485	0.7529	0.5037	0.7418
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5415	0.4585	0.5353	0.0092	0.6012
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9656	0.0344	0.7747	0.5438	0.4944
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9335	0.0665	0.5627	0.1185	0.6440
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9302	0.0698	0.6067	0.2134	0.6362
cervical-S	0.9186	0.0814	0.6966	0.3296	0.4914
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%	0.9989	0.0011	0.8248	0.6245	0.5256
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8210	0.1790	0.6788	0.3245	0.6755
churn-bigml	0.8764	0.1236	0.6987	0.2838	0.4420
ci900367j_MACCS	0.7368	0.2632	0.7220	0.4439	0.7803
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.5010	0.4526	0.3795
cjs	0.9821	0.0060	0.9777	0.9782	0.0321
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8435	0.0782	0.7586	0.7606	0.3801
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4966	0.3356	0.4879	0.2301	0.7458
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8573	0.0260	0.7727	0.8275	0.2440
coil20	0.0556	0.0944	0.0053	0.0000	0.4152
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.8200	0.0240	0.8298	0.8012	0.0723
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.5862	0.4138	0.3696	-0.1299	0.9094
colposcopies-2	0.6207	0.3793	0.5643	0.1163	0.9016
colposcopies-3	0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7764	0.2236	0.7764	0.5529	0.7067
coupon	0.7035	0.2965	0.6979	0.3958	0.8197
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.6546	0.0987	0.5190	0.4533	0.5819
covtypeCD	0.9145	0.0855	0.8156	0.6310	0.5472
covtypeT	0.9270	0.0730	0.7283	0.4562	0.6155

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9244	0.0252	0.8418	0.8469	0.3091
cryotherapy	0.7778	0.2222	0.8000	0.5263	0.4308
cultivars	0.6875	0.0195	0.6372	0.6774	0.0576
customer-churn	0.9794	0.0206	0.6001	0.0183	0.1320
cybersecurity	0.1700	0.2767	0.1695	0.0017	0.8788
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.4286	0.5714	0.3000	0.0000	0.5288
default	0.8163	0.1837	0.6941	0.3530	0.6630
defect	0.8951	0.1049	0.7797	0.5212	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8934	0.1066	0.7264	0.4507	0.6382
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.3750	0.4167	0.3158	0.0244	0.6574
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5625	0.2917	0.4554	0.3000	0.4577
DIA	0.8000	0.2000	0.7119	0.4146	0.7180
diabetes	1.0000	0.0000	1.0000	1.0000	0.0000
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.1078	0.5948	0.0649	0.0000	0.4002
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.5634	0.1746	0.4678	0.3516	0.5306
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5718	0.4282	0.5682	0.1354	0.9508
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7585	0.1610	0.6844	0.5936	0.4590
drug-01	0.3936	0.1733	0.1512	0.0663	0.6458
drug-02	0.4894	0.1459	0.1747	0.1094	0.6257
drug-03	0.6649	0.0957	0.1308	0.0301	0.3812
drug-04	0.4947	0.1444	0.2071	0.1123	0.6428
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.2490	0.2582	0.5359
drug-07	0.4734	0.1505	0.1445	0.0992	0.3429
drug-08	0.5638	0.1246	0.2515	0.2147	0.4627
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5319	0.1337	0.2050	0.1571	0.4870
drug-11	0.8457	0.0441	0.1317	0.0459	0.1947
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.2560	0.2592	0.3933
drug-14	0.5745	0.1216	0.2660	0.2755	0.5851
drug-15	0.7394	0.0745	0.1230	0.0306	0.3804

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.5904	0.1170	0.2650	0.3462	0.5112
drug-17	0.3670	0.1809	0.1674	0.1203	0.5023
drug-18	0.0000	0.4000	0.0000	0.0000	0.0093
drug-19	0.7500	0.0714	0.1224	-0.0246	0.3990
drybean	0.9170	0.0237	0.9360	0.8997	0.1204
ecoli	0.0000	0.2500	0.0000	0.0000	0.3412
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.2401	-0.0118	0.8558
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6061	0.3939	0.6771	0.2585	0.6509
eeg10%	0.3113	0.0861	0.3163	0.2399	0.6939
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6027	0.1589	0.6136	0.5000	0.4616
euthyroid	0.9241	0.0759	0.7416	0.3723	0.3151
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9198	0.0802	0.9211	0.8384	0.3434
fakenews	0.5225	0.4775	0.5225	0.0450	0.9867
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.9020	0.0980	0.9028	0.7997	0.3894
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.8654	0.0673	0.8538	0.8150	0.2201
gas	0.9475	0.0175	0.9486	0.9364	0.0958
gastrointestinal	0.1875	0.5417	0.1053	0.0000	0.4117
gender	0.6021	0.2653	0.3816	0.1459	0.5600
gene	0.9558	0.0294	0.9518	0.9288	0.1522
german	0.7400	0.2600	0.7001	0.3882	0.7681
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7143	0.0952	0.4989	0.5869	0.2793
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7143	0.2857	0.7361	0.4375	0.7044
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.4667	0.2667	0.5605	0.2771	0.4605
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.9241	0.0127	0.8182	0.9103	0.0878
har	0.8955	0.0418	0.8939	0.8680	0.1888
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8190	0.0517	0.5222	0.7475	0.2483
har7010%	0.8251	0.0500	0.5203	0.7546	0.2508
harth	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth1%	0.7872	0.0355	0.4327	0.7119	0.2553
harth10%	0.7818	0.0364	0.4242	0.7047	0.2653
hayes-roth	0.5000	0.3333	0.5303	0.2000	0.6258
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.8400	0.1600	0.8073	0.6054	0.5859
heart-quantum	0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6564	0.3436	0.6536	0.3035	0.8668
higgs1%	0.6484	0.3516	0.6487	0.2787	0.8401
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.1429	0.2143	0.0556	0.0059	0.3477
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.1703	0.8297	0.1455	0.0000	0.3518
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.5262	0.2742	0.6567
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.6473	0.2352	0.6723	0.4794	0.5044
htru2	0.9765	0.0235	0.9259	0.8436	0.1437
hypothyroid	0.0027	0.4987	0.0013	0.0000	0.1257
hypothyroidT	0.9390	0.0610	0.7437	0.3251	0.1589
ilpd	0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9047	0.0477	0.9083	0.8729	0.1794
ionosphere	0.9714	0.0286	0.9671	0.9320	0.1146
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9802	0.9596	0.1220
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8145	0.1855	0.6270	0.1826	0.6361
jvowels	0.9709	0.0065	0.9699	0.9670	0.0488
kc1	0.8436	0.1564	0.6549	0.2940	0.7035
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.0020	0.1535	0.0003	0.0000	0.2182
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3576	0.0714	0.3123	0.2721	0.5317
krvskp	0.9467	0.0533	0.9467	0.8930	0.2736
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8824	0.0102	0.9094	0.8765	0.0370

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.6000	0.0800	0.5916	0.5493	0.1698
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8845	0.0089	0.8841	0.8798	0.1251
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.4286	0.5714	0.3000	0.0000	0.5288
libra	0.7778	0.0296	0.7631	0.7614	0.0671
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9297	0.0703	0.9248	0.8490	0.3393
localization	0.3982	0.1094	0.1624	0.1612	0.5067
localization10%	0.4302	0.1036	0.2442	0.2972	0.6280
lrs	0.8491	0.0431	0.5353	0.7920	0.0994
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.0000	0.5000	0.0000	0.0000	0.3359
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.5808	0.4192	0.5812	0.1615	0.9424
magic04	0.7854	0.2146	0.7576	0.4795	0.6223
malware	0.8108	0.1892	0.4478	0.0000	0.3405
mammography	0.8542	0.1458	0.8543	0.7080	0.5499
marketing	0.8750	0.1250	0.7212	0.4312	0.6355
maternal	0.6040	0.2640	0.6061	0.3878	0.5754
math	0.7500	0.1250	0.7184	0.6172	0.4051
mba	0.8065	0.1290	0.4222	0.2580	0.3988
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2433	0.3027	0.2435	0.0530	0.8443
messidor	0.6957	0.3043	0.7046	0.3988	0.7954
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.5907	0.4728	0.2675
meter-D	0.7778	0.1111	0.6350	0.6856	0.1970
mfeat-fac	0.9800	0.0040	0.9807	0.9778	0.0250
mfeat-fou	0.8250	0.0350	0.8276	0.8056	0.1419
mfeat-kar	0.9850	0.0030	0.9851	0.9833	0.0190
mfeat-mor	0.7300	0.0540	0.7145	0.7000	0.1689
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0186
mfeat-zer	0.7850	0.0430	0.7972	0.7611	0.1365
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9245	0.0503	0.9237	0.8856	0.1433
mines	0.5294	0.1882	0.5401	0.4138	0.3954
mobile	0.7832	0.0077	0.7969	0.7793	0.0987
monks-1	0.7636	0.2364	0.7636	0.5268	0.7274
monks-2	0.7705	0.2295	0.7342	0.4547	0.7132
monks-3	0.9107	0.0893	0.9178	0.8223	0.3018
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
music	0.4867	0.0933	0.4928	0.3843	0.5500
musk	0.9545	0.0455	0.9089	0.8092	0.2456
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7134	0.2866	0.7084	0.4162	0.8044
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.7770	0.2230	0.7694	0.5384	0.7113
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.7231	0.2769	0.7186	0.4369	0.7920
myocardial	0.8235	0.0441	0.1939	0.1252	0.4346
naticusdroid	0.9574	0.0426	0.9574	0.9148	0.2362
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8559	0.0152	0.2890	0.6059	0.4488
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6408	0.3592	0.6378	0.2746	0.8894
NHANES_age_prediction	0.9692	0.0308	0.9446	0.8882	0.3004
nomao	0.9266	0.0734	0.9126	0.8241	0.3980
NPHA-doctor-visits	0.4444	0.3704	0.2571	-0.1001	0.5866
nursery	0.9483	0.0207	0.7379	0.9243	0.1116
obesity	0.7441	0.0731	0.7388	0.7014	0.2397
obs	0.6759	0.1620	0.7001	0.5315	0.4131
occupancy	0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation	0.9891	0.0054	0.9669	0.9671	0.0549
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.9649	0.0078	0.9509	0.9565	0.0248
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9094	0.0906	0.4763	-0.0037	0.3229
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9733	0.0053	0.9752	0.9703	0.0366
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr	0.9209	0.0791	0.6394	0.2495	0.6005
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9415	0.0234	0.6644	0.6287	0.4138
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.9031	0.0969	0.8782	0.7559	0.4603
particle10%	0.8977	0.1023	0.8728	0.7456	0.4844
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7553	0.5000	0.6507

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9718	0.0056	0.9722	0.9686	0.0450
period	0.3333	0.6667	0.2500	0.0000	0.5000
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8650	0.1350	0.8493	0.6982	0.5544
phishing	0.9551	0.0449	0.9528	0.9053	0.2439
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.6348	0.1044	0.6089	0.5721	0.3666
phone-acc1%	0.5856	0.1184	0.5638	0.5152	0.4238
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.6188	0.1089	0.5760	0.5522	0.3625
phone-gyr1%	0.5915	0.1167	0.5595	0.5204	0.3928
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7963	0.2037	0.7767	0.5419	0.6772
phy	0.4972	0.5028	0.3321	0.0000	0.5287
pima	0.7105	0.2895	0.6923	0.3323	0.7052
pirvision	0.9837	0.0109	0.9706	0.9475	0.0801
placement	0.7890	0.2110	0.7835	0.5671	0.6905
plant-growth	0.7368	0.2632	0.7449	0.4633	0.6993
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5268	0.1352	0.1516	0.0824	0.2978
poker10%	0.5444	0.1139	0.2088	0.1239	0.2841
polish-1st	0.9531	0.0469	0.4880	-0.0142	0.5586
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9457	0.0543	0.5187	0.0197	0.5200
polish-4th	0.9357	0.0643	0.5076	0.0098	0.5903
polish-5th	0.9255	0.0745	0.5357	0.0288	0.4764
polya	0.7838	0.2162	0.7581	0.5112	0.7027
popularity	0.6474	0.2351	0.4399	0.2134	0.6345
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8679	0.0529	0.8703	0.8347	0.2122
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6353	0.2647	0.8828
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5758	0.0653	0.4729	0.5271	0.2011
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7612	0.2388	0.7146	0.4180	0.7431
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.7593	0.0963	0.7079	0.6695	0.2941
puc-rio10%	0.7695	0.0922	0.7171	0.6837	0.2745
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9737	0.0263	0.9172	0.8279	0.2063
raisin	0.8444	0.1556	0.8574	0.6889	0.4594
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9868	0.0132	0.9867	0.9733	0.0892
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6096	0.3904	0.5797	0.1537	0.9203
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8600	0.0467	0.8390	0.8251	0.1501

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.1429	0.3429	0.0500	0.0000	0.3800
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6471	0.3529	0.6481	0.2941	0.8778
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9103	0.0897	0.6260	0.2521	0.6591
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9271	0.9038	0.0834
segmentation	0.8317	0.1683	0.8132	0.6238	0.6116
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9225	0.0775	0.6851	0.3703	0.6353
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8605	0.1395	0.6182	0.2083	0.6822
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.8410	0.0289	0.8408	0.8251	0.1491
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8808	0.1192	0.7305	0.4025	0.5079
shuttle	0.9588	0.0118	0.6773	0.8808	0.3280
sick	0.9310	0.0690	0.6662	0.3160	0.5982
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9831	0.0169	0.9742	0.9473	0.0861
skin10%	0.9792	0.0208	0.9681	0.9345	0.0973
smarket	0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming	0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2000	0.3200	0.1995	-0.0006	0.8730
solar-flare	0.7410	0.0863	0.6431	0.6679	0.2327
sonar	0.5000	0.5000	0.5000	0.0000	1.0000
soybean	0.9412	0.0062	0.9473	0.9358	0.0363
spam-detection	0.9455	0.0545	0.8210	0.6335	0.4472
spambase	0.8913	0.1087	0.8860	0.7679	0.4382
spect	0.7037	0.2963	0.6196	0.2340	0.8108
spectf	0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer	0.0192	0.0727	0.0014	0.0000	0.4054
splice-EI	0.9685	0.0315	0.9605	0.9191	0.2452
splice-IE	0.9401	0.0599	0.9193	0.8378	0.3749
sport-articles	0.8600	0.1400	0.8486	0.6857	0.4988
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7086	0.1943	0.6810	0.5457	0.5109
steel-b	0.7897	0.2103	0.6749	0.3494	0.7648
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9641	0.0359	0.9439	0.8868	0.2321
steel-o	0.7231	0.2769	0.6775	0.3408	0.7914
steel-p	0.9128	0.0872	0.6852	0.3672	0.6383
steel-s	0.9795	0.0205	0.8697	0.7393	0.4154
steel-z	0.9333	0.0667	0.8336	0.6608	0.5465
stellar	0.9177	0.0549	0.9085	0.8532	0.2364
stock	0.9028	0.0972	0.8238	0.6390	0.4964
stockb	0.8150	0.1233	0.8193	0.7225	0.3086

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
streaming	0.8320	0.1680	0.8311	0.6617	0.6014
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5700	0.1720	0.3246	0.3331	0.4465
student-depression	0.8326	0.1674	0.8266	0.6528	0.6037
student-habits	0.4200	0.2320	0.1931	0.0802	0.4599
student-weekend	0.3846	0.2462	0.2697	0.1591	0.6327
student-workday	0.6719	0.1313	0.2247	0.1770	0.5729
studentap	0.6923	0.2051	0.7100	0.5094	0.3995
susy1%	0.7578	0.2422	0.7663	0.4977	0.6399
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9727	0.0050	0.9740	0.9699	0.0346
theorem	0.9935	0.0065	0.9933	0.9865	0.0509
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.3529	0.6471	0.2609	0.0000	0.5089
toxicity-13f	0.5882	0.4118	0.5662	0.1314	0.9243
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7067	0.2933	0.4141	-0.0956	0.8451
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.2018	0.7982	0.1679	0.0000	0.3921
turkish	0.7500	0.1250	0.7540	0.6667	0.2694
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9077	0.0923	0.9001	0.7983	0.4058
tvnews10%	0.8705	0.1295	0.8593	0.7177	0.5212
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9619	0.0381	0.4903	-0.0026	0.2791
urban	0.7612	0.0531	0.8053	0.7201	0.1742
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.8333	0.0833	0.8135	0.7761	0.1661
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6061	0.0716	0.6448	0.5667	0.2189
vowelZ	0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.5891	0.1174	0.5830	0.5186	0.4418
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-gyr1%	0.5084	0.1405	0.4959	0.4234	0.4727
watch-gyr10%	0.5029	0.1420	0.4907	0.4169	0.4893
water_pollution	0.2400	0.3800	0.2388	-0.0139	0.8702
waveform	0.8440	0.1040	0.8442	0.7660	0.3600
weather-related	0.9558	0.0080	0.9623	0.9500	0.0675
web-phishing	0.7926	0.1383	0.6011	0.6193	0.5008
Weekly	0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift	0.5513	0.1795	0.5488	0.4330	0.5962
white-clover	0.0000	0.5000	0.0000	0.0000	0.2620
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9793	0.0207	0.8949	0.7891	0.4013
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5912	0.1363	0.2781	0.3378	0.4660
winequality-white	0.5112	0.1396	0.2657	0.2318	0.5121
winnipeg	0.9674	0.0093	0.9464	0.9588	0.0951
winnipeg10%	0.9672	0.0094	0.9616	0.9585	0.0822
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5068	0.0986	0.3713	0.3742	0.4394
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.8520	0.6542	0.5283
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.8925	0.0215	0.8831	0.8795	0.1543

Table 421: Detailed results for REPTREE

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1631	0.0577	0.0725	0.0737	0.4717
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.9041	0.0959	0.4748	-0.0493	0.6712
accelerometer	0.9797	0.0203	0.6917	0.3822	0.5531
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9756	0.0244	0.9480	0.8930	0.1527
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red	0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.8932	0.1068	0.4718	-0.0559	0.6716
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.8250	0.5882	0.5283
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.4444	0.5556	0.4696	-0.0465	0.7758
AID746red	0.9943	0.0057	0.6902	0.1047	0.0241
aids	0.8685	0.1315	0.8105	0.6081	0.5366
air_pollution	0.4067	0.1695	0.1971	0.0136	0.4365
alcohol	0.7905	0.0838	0.4965	0.5045	0.2371
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9488	0.0512	0.9438	0.8864	0.2600
anneal	0.9663	0.0135	0.9674	0.9317	0.1118
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9666	0.0167	0.9281	0.9358	0.0727
anuran-genus	0.9458	0.0136	0.8540	0.9104	0.1728
anuran-species	0.9569	0.0086	0.9112	0.9402	0.1329
anxiety	0.1250	0.1944	0.1333	0.0141	0.7861
apple-quality	0.7825	0.2175	0.7831	0.5650	0.6926
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arcene	0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia	0.6889	0.0479	0.3902	0.5135	0.3170
auction	0.9853	0.0147	0.9664	0.9305	0.0577
audiology	0.8261	0.0145	0.3405	0.8004	0.0401
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0500	0.7399	0.8039	0.0901
avila	0.9909	0.0015	0.9767	0.9882	0.0493
babies	0.4677	0.1521	0.1547	0.1536	0.4038
balance	0.8548	0.0968	0.5935	0.7302	0.3597

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bank	0.9145	0.0855	0.7725	0.5424	0.5748
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8502	0.1498	0.8349	0.6650	0.5568
basehock	0.9447	0.0553	0.9458	0.8895	0.2663
bio	0.9964	0.0036	0.8864	0.7606	0.1867
bio10%	0.9938	0.0062	0.8188	0.6369	0.4389
biodeg	0.8095	0.1905	0.7964	0.5922	0.6582
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9892	0.0010	0.1888	0.4811	0.4695
bitcoin1%	0.9856	0.0010	0.1117	0.3187	0.3599
bitcoin10%	0.9881	0.0022	0.3259	0.4036	0.3410
body-perf	0.6769	0.1616	0.6802	0.5692	0.4627
brain-tumor	0.4985	0.5015	0.4985	-0.0030	1.0000
breast-cancer	0.8929	0.1071	0.8694	0.7042	0.2680
breast-cancer-co	0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma	0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue	0.8182	0.0606	0.7500	0.7778	0.0704
bridges	0.6000	0.1143	0.3902	0.3939	0.2282
bub10at310k-hg16-17	0.9133	0.0867	0.6610	0.2646	0.5420
bub12at310k-hg16-17	0.9151	0.0849	0.6699	0.2795	0.5275
bub8at310k-hg16-17	0.9094	0.0906	0.6637	0.3010	0.6070
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9565	0.0435	0.9528	0.9051	0.2611
cancer-uae	0.4570	0.3620	0.3085	-0.0146	0.6564
car	0.9598	0.0201	0.9160	0.9157	0.1750
car-insurance	0.8560	0.1440	0.8351	0.6698	0.5821
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.8404	0.0319	0.7890	0.8090	0.1908
cardiotocography-nsp	0.9390	0.0407	0.8960	0.8248	0.1873
cardiovascular	0.7270	0.2730	0.7274	0.4539	0.7819
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8500	0.1000	0.8183	0.7309	0.2270
cas_N6512_rdkit_ATOMPAIR	0.6954	0.3046	0.6924	0.3836	0.8267
cas_N6512_RDkit_AtomPair_FP	0.7270	0.2730	0.7244	0.4476	0.7833
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.7837	0.2163	0.7825	0.5650	0.6953
cas_N6512_rdkit_descriptors	0.7538	0.2462	0.7517	0.5029	0.7440
cas_N6512_rdkit_FEATMORGAN	0.7435	0.2565	0.7416	0.4831	0.7613
cas_N6512_RDkit_Featmorgan_FP	0.7423	0.2577	0.7403	0.4804	0.7628
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.7117	0.2883	0.7089	0.4169	0.8054
cas_N6512_rdkit_MACCS	0.7588	0.2412	0.7571	0.5141	0.7373
cas_N6512_RDkit_MACCS_FP	0.7776	0.2224	0.7774	0.5542	0.7040
cas_N6512_rdkit_MORGAN	0.7662	0.2338	0.7646	0.5291	0.7254
cas_N6512_RDkit_morgan_FP	0.7423	0.2577	0.7405	0.4809	0.7630
cas_N6512_rdkit_PATTERN	0.7662	0.2338	0.7650	0.5300	0.7251
cas_N6512_rdkit_RDKITFP	0.7220	0.2780	0.7194	0.4367	0.7886
cas_N6512_rdkit_TORSION	0.7062	0.2938	0.7042	0.4084	0.8142
ccds1%	0.9588	0.0412	0.4895	-0.0052	0.3718
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7098	0.2902	0.6987	0.3927	0.8005
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9424	0.0576	0.4852	-0.0152	0.5489
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9535	0.0465	0.7433	0.3202	0.1295

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-H	0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9406	0.0297	0.9342	0.9116	0.1387
chrom19	0.9997	0.0003	0.9284	0.8490	0.0707
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9994	0.0006	0.8468	0.6872	0.3227
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.6350	0.2060	0.5322
churn	0.8510	0.1490	0.7483	0.4838	0.6304
churn-bigml	0.9513	0.0487	0.8970	0.7790	0.2263
ci900367j_MACCS	0.6526	0.3474	0.6416	0.2815	0.8714
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.6618	0.5344	0.5357
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7389	0.1306	0.6025	0.6090	0.5201
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.5000	0.3333	0.5588	0.1628	0.5130
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5646	0.2902	0.5306	0.3191	0.6878
cnae-9	0.8241	0.0391	0.8467	0.8021	0.1474
codon_usage	0.7982	0.0367	0.6060	0.7535	0.2974
coil20	0.8958	0.0104	0.9052	0.8903	0.0700
college	0.9091	0.0909	0.8921	0.7806	0.4581
collins	0.9800	0.0027	0.9805	0.9780	0.0100
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.6947	0.3895	0.8063
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6207	0.3793	0.5884	0.1448	0.8434
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.6897	0.3103	0.4082	-0.1810	0.8560
colposcopies-6	0.5862	0.4138	0.5857	0.1714	0.9406
colposcopies-c	0.6552	0.3448	0.5722	0.1420	0.8537
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.7419	0.1720	0.6859	0.5914	0.2864
cottonmeloidogyne	0.7356	0.2644	0.7363	0.4714	0.7689
coupon	0.7216	0.2784	0.7139	0.4263	0.7943
covtype10%	0.8117	0.0538	0.7223	0.6930	0.3586
covtypeCD	0.9821	0.0179	0.9620	0.9240	0.1965
covtypeT	0.9784	0.0216	0.9169	0.8338	0.3268
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans	0.9993	0.0007	0.8826	0.7583	0.2402
creditcard_trans10%	0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced	0.8866	0.0378	0.7366	0.7644	0.3088
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.3438	0.0328	0.2288	0.3253	0.0905
customer-churn	0.9842	0.0158	0.7695	0.5194	0.4110
cybersecurity	0.1833	0.2722	0.1737	0.0177	0.8678
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7778	0.2222	0.7809	0.5556	0.6891
darwin	0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.7143	0.2857	0.7083	0.4167	0.8058
default	0.8227	0.1773	0.7087	0.3893	0.6594
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8963	0.1037	0.7258	0.4467	0.6261
depressed	0.8182	0.1818	0.5247	0.0247	0.6562

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.5588	0.2381	0.5156
dexter	0.9333	0.0667	0.9343	0.8667	0.3124
df_final	0.6250	0.2500	0.5263	0.4000	0.3199
DIA	0.7333	0.2667	0.5774	0.1351	0.8182
diabetes	0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-risk	0.9194	0.0806	0.8741	0.7470	0.4446
diabetic1%	0.5490	0.3007	0.4128	0.1061	0.6484
diabetic10%	0.5707	0.2862	0.4366	0.1753	0.6657
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.0298	0.3881	0.0116	0.0000	0.3909
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.6667	0.3333	0.6543	0.2500	0.7414
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9217	0.0783	0.7206	0.3677	0.4371
dota210%	0.5350	0.4650	0.5320	0.0639	0.9791
dropout	0.7517	0.1655	0.6845	0.5882	0.5023
drug-01	0.3511	0.1854	0.2157	0.0733	0.7106
drug-02	0.4574	0.1550	0.1862	0.1262	0.6586
drug-03	0.6117	0.1109	0.1585	0.0446	0.4250
drug-04	0.5160	0.1383	0.2225	0.1309	0.6020
drug-05	0.6436	0.1018	0.1209	-0.0401	0.6566
drug-06	0.3989	0.1717	0.2173	0.2345	0.5145
drug-07	0.4309	0.1626	0.1594	0.0631	0.4322
drug-08	0.5479	0.1292	0.2051	0.1980	0.5051
drug-09	0.7979	0.0578	0.1638	0.1348	0.7150
drug-10	0.5053	0.1413	0.1996	0.1502	0.6469
drug-11	0.7766	0.0638	0.1646	0.0333	0.7744
drug-12	0.7340	0.0760	0.2121	0.1083	0.7233
drug-13	0.6117	0.1109	0.1946	0.2328	0.4118
drug-14	0.6011	0.1140	0.3056	0.3203	0.6383
drug-15	0.6809	0.0912	0.2219	0.1686	0.7267
drug-16	0.6117	0.1109	0.2841	0.3472	0.3157
drug-17	0.2979	0.2006	0.1646	0.0599	0.7162
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6596	0.0973	0.1429	0.0660	0.5521
drybean	0.9118	0.0252	0.9260	0.8934	0.1454
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3200	0.3400	0.3175	0.0913	0.7813
eeg	0.4391	0.0701	0.4400	0.3779	0.6553
eeg-eye	0.8445	0.1555	0.8426	0.6851	0.5749
eeg10%	0.3130	0.0859	0.2620	0.2387	0.7031
eucalyptus	0.6027	0.1589	0.6213	0.4888	0.3465
euthyroid	0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%	0.9305	0.0695	0.9303	0.8605	0.3364
fakenews	0.5425	0.4575	0.5422	0.0843	0.9730
farm-ads	0.8575	0.1425	0.8568	0.7128	0.5407
fbis-wc	0.7276	0.0320	0.6524	0.6905	0.2503
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.5882	0.4118	0.5754	0.1243	0.8670
financial-risk	0.9110	0.0297	0.7131	0.8589	0.1507

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.5000	0.1250	0.3257	0.3769	0.3036
fonts10%	0.6065	0.0051	0.2990	0.5872	0.4107
forest	0.8462	0.0769	0.8454	0.7864	0.1749
gas	0.9705	0.0098	0.9701	0.9642	0.0653
gastrointestinal	0.5625	0.2917	0.4290	0.2774	0.3646
gender	0.5663	0.2891	0.4271	0.0410	0.6306
gene	0.9274	0.0484	0.9162	0.8841	0.2178
german	0.7000	0.3000	0.6464	0.2736	0.8152
gestures	0.8108	0.0946	0.8123	0.7477	0.3398
gina	0.8876	0.1124	0.8885	0.7754	0.4598
glass	0.7619	0.0794	0.7176	0.6656	0.2136
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8571	0.1429	0.8740	0.7175	0.4205
glassBWNFP	0.6667	0.3333	0.6687	0.3226	0.8108
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.6842	0.3158	0.6833	0.3667	0.8414
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.6000	0.2667	0.6667	0.4118	0.3599
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage	0.4667	0.2667	0.3762	0.2547	0.4951
gsalc	0.6667	0.1111	0.5528	0.6029	0.0855
haberman	0.7000	0.3000	0.6011	0.2012	0.8607
hapt	0.9012	0.0165	0.6954	0.8833	0.1394
har	0.9521	0.0192	0.9499	0.9394	0.1118
har70	0.9260	0.0211	0.6493	0.8898	0.2038
har701%	0.8969	0.0295	0.5297	0.8468	0.2274
har7010%	0.9199	0.0229	0.6591	0.8804	0.1561
harth	0.8871	0.0188	0.6565	0.8463	0.2146
harth1%	0.8537	0.0244	0.5655	0.8002	0.2499
harth10%	0.8723	0.0213	0.6089	0.8258	0.2256
hayes-roth	0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival	0.5294	0.4706	0.5352	0.0685	0.9552
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.7742	0.2258	0.7815	0.5526	0.6797
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9640	0.0360	0.9580	0.9159	0.2187
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.6667	0.3333	0.6377	0.2424	0.7291
hepmass1%	0.8447	0.1553	0.8449	0.6894	0.5711
hepmass10%	0.8547	0.1453	0.8550	0.7095	0.5475
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6855	0.3145	0.6850	0.3698	0.8390
higgs1%	0.6875	0.3125	0.6858	0.3715	0.8376
higgs10%	0.7062	0.2938	0.7049	0.4097	0.8137
higher	0.1429	0.2143	0.1154	0.0345	0.3185
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8685	0.1315	0.7379	0.4578	0.6099
hiva	0.9622	0.0378	0.4904	-0.0045	0.3546
horse	0.6667	0.2222	0.6415	0.4469	0.5783

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hotel-reservartions	0.8873	0.1127	0.8700	0.7384	0.4820
hr	0.8491	0.1509	0.5527	0.0705	0.6674
ht-sensor	0.9994	0.0004	0.9994	0.9990	0.0038
ht-sensor10%	0.9948	0.0034	0.9950	0.9922	0.0239
htru2	0.9765	0.0235	0.9275	0.8542	0.2659
hypothyroid	0.9920	0.0040	0.7321	0.9519	0.0557
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6441	0.3559	0.5426	0.0843	0.9122
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.7779	0.0171	0.7896	0.7690	0.1821
jm1	0.7778	0.2222	0.6234	0.2452	0.7936
jvowels	0.8735	0.0281	0.8689	0.8567	0.1933
kc1	0.8436	0.1564	0.6549	0.2940	0.7035
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.4286	0.0476	0.0312	0.1318	0.1439
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.5859	0.0949	0.6347
kdc-4007	0.5312	0.1340	0.5445	0.4522	0.5464
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.8787	0.0809	0.8358	0.7997	0.2186
kidney	0.7960	0.0816	0.2055	0.0002	0.3184
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.7957	0.0227	0.8204	0.7719	0.2545
krvskp	0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc	0.7619	0.0794	0.7222	0.6975	0.3599
la2s-wc	0.7848	0.0717	0.7649	0.7286	0.3352
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6471	0.0176	0.3278	0.6284	0.0669
led24	0.6500	0.0700	0.6240	0.6045	0.1860
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8820	0.0091	0.8828	0.8772	0.1353
leukemia	0.7143	0.1905	0.7490	0.5625	0.3209
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.6944	0.0407	0.6829	0.6716	0.1146
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
liver	0.5588	0.4412	0.5520	0.0989	0.9009
loan	0.9836	0.0164	0.9825	0.9650	0.1089
localization	0.0316	0.1761	0.0056	0.0000	0.3471
localization10%	0.6208	0.0690	0.3600	0.5106	0.4794
lrs	0.8113	0.0539	0.6189	0.7358	0.1594
lung	0.8571	0.0571	0.8342	0.7549	0.1593
lung_discrete	0.6250	0.1071	0.4878	0.5556	0.0523
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.8500	0.0600	0.8780	0.7087	0.1893
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	0.5556	0.1481	0.2411	0.3684	0.1735
machine-failure	0.9043	0.0957	0.9012	0.8006	0.4106
madelon	0.7308	0.2692	0.7308	0.4615	0.7789
magic04	0.8553	0.1447	0.8389	0.6761	0.5605

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8128	0.6206	0.6242
marketing	0.8571	0.1429	0.6724	0.3307	0.6830
maternal	0.7327	0.1782	0.7400	0.5962	0.5005
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8226	0.1183	0.3747	0.0895	0.3770
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2233	0.3107	0.2233	0.0280	0.8444
messidor	0.6174	0.3826	0.6167	0.2322	0.9062
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.7833	0.7692	0.2051
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.8650	0.0270	0.8668	0.8500	0.1535
mfeat-fou	0.7700	0.0460	0.7680	0.7444	0.2038
mfeat-kar	0.7950	0.0410	0.8023	0.7722	0.2276
mfeat-mor	0.6800	0.0640	0.6773	0.6444	0.2187
mfeat-pix	0.8250	0.0350	0.8290	0.8056	0.1929
mfeat-zer	0.7200	0.0560	0.7208	0.6889	0.2666
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5588	0.4492	0.4192
mobile	0.6783	0.0115	0.6961	0.6725	0.1459
monks-1	0.8545	0.1455	0.8587	0.7098	0.5194
monks-2	0.9836	0.0164	0.9824	0.9641	0.1262
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4739	0.0957	0.5058	0.3655	0.5597
musk	0.9485	0.0515	0.8960	0.7838	0.2938
MUT_ci300400a_cdk_ESTATE	0.7386	0.2614	0.7310	0.4621	0.7730
MUT_ci300400a_cdk_FCFP2	0.7988	0.2012	0.7922	0.5841	0.6724
MUT_ci300400a_cdk_MACCS	0.7866	0.2134	0.7829	0.5650	0.6922
MUT_ci300400a_rdkit_descriptors	0.8020	0.1980	0.7967	0.5930	0.6646
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9669	0.0331	0.9669	0.9339	0.1957
NCI60	0.5000	0.1667	0.4286	0.4000	0.2097
nci9	0.3333	0.2222	0.1818	0.2000	0.2627
ncRNA	0.9453	0.0058	0.7326	0.8530	0.4883
ncRNA1%	0.8926	0.0113	0.4526	0.7079	0.7198
ncRNA10%	0.9248	0.0079	0.6081	0.7932	0.5202
neo	0.9113	0.0887	0.6857	0.3273	0.5518
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6463	0.3537	0.6439	0.2874	0.8846
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4444	0.3704	0.3962	-0.0275	0.6369
nursery	0.9954	0.0019	0.7971	0.9932	0.0123
obesity	0.9289	0.0203	0.9289	0.9170	0.0987
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9903	0.0097	0.9864	0.9728	0.1063
Occupancy_Estimation	0.9921	0.0039	0.9714	0.9759	0.0166
oh0-wc	0.8515	0.0297	0.8648	0.8287	0.1308
oh10-wc	0.7048	0.0590	0.6957	0.6641	0.2696
oh15-wc	0.6739	0.0652	0.6659	0.6260	0.2742
oh5-wc	0.7692	0.0462	0.7886	0.7395	0.2185
olive	0.9123	0.0195	0.9098	0.8911	0.0779
opn310k	0.9120	0.0880	0.6512	0.2395	0.5391

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opn310k10%	0.9085	0.0915	0.6171	0.1785	0.5717
opnat310k-hg16-17	0.9139	0.0861	0.6647	0.2708	0.5362
optdigits	0.8683	0.0263	0.8721	0.8536	0.1719
optdigitsZ	0.9893	0.0107	0.9671	0.9341	0.1764
orl	0.4500	0.0275	0.3951	0.4359	0.1052
orlraws10P	0.6000	0.0800	0.5739	0.5556	0.1123
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr	0.8972	0.1028	0.5444	0.0828	0.6928
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7938	0.2062	0.7609	0.5082	0.6684
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9048	0.8091	0.4180
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9835	0.0066	0.9358	0.9049	0.1119
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9100	0.0900	0.9037	0.8064	0.4030
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.9127	0.0873	0.8916	0.7832	0.4387
particle10%	0.8746	0.1254	0.8423	0.6840	0.5446
pasture	0.5000	0.3333	0.5333	0.3333	0.1875
pc1	0.8829	0.1171	0.5863	0.1721	0.6762
pcmac	0.5619	0.4381	0.4893	-0.0123	0.8555
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.7928	0.5600	0.5340
pediatric-leukemia	0.7059	0.0840	0.6428	0.6344	0.2363
pendigits	0.9672	0.0066	0.9666	0.9636	0.0536
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7464	0.2536	0.7207	0.4306	0.7499
pet-adoption	0.9400	0.0600	0.9319	0.8600	0.2695
phishing	0.9469	0.0531	0.9442	0.8876	0.2693
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.8660	0.0383	0.8568	0.8434	0.1547
phone-acc1%	0.9772	0.0065	0.9758	0.9733	0.0426
phone-gyr0.1%	0.8995	0.0287	0.8915	0.8825	0.1204
phone-gyr1%	0.9811	0.0054	0.9794	0.9779	0.0330
phoneme	0.8852	0.1148	0.8562	0.7116	0.5123
pima	0.6842	0.3158	0.6580	0.3070	0.8385
pirvision	0.9909	0.0061	0.9843	0.9712	0.0730
placement	0.7770	0.2230	0.7705	0.5409	0.7115
plant-growth	0.7368	0.2632	0.7531	0.4809	0.6961
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5063	0.0987	0.1397	0.0546	0.2725
poker10%	0.6150	0.0962	0.2410	0.2816	0.3421
polish-1st	0.9844	0.0156	0.8831	0.7478	0.1741
polish-2nd	0.9705	0.0295	0.7592	0.4329	0.2630
polish-3rd	0.9552	0.0448	0.6784	0.3005	0.4699
polish-4th	0.9643	0.0357	0.8054	0.6052	0.4593
polish-5th	0.9628	0.0372	0.8442	0.6831	0.4058
polya	0.7319	0.2681	0.6950	0.3793	0.7804
popularity	0.6464	0.2357	0.4040	0.1976	0.5592
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9624	0.0151	0.9618	0.9529	0.0839
pred-tox_mutagen_ref-desc	0.5882	0.4118	0.5908	0.1765	0.9230
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4242	0.0523	0.2046	0.3582	0.2291
profb	0.5522	0.4478	0.5260	0.0510	0.9317
promoters	0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prostate	0.7857	0.2143	0.8028	0.5333	0.4205
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio	0.9825	0.0070	0.9693	0.9765	0.0533
puc-rio10%	0.9644	0.0142	0.9403	0.9522	0.0883
pufs-1281%	0.4930	0.5070	0.4930	-0.0140	1.0000
pufs-641%	0.5004	0.4996	0.5004	0.0008	0.9997
pufs-6410%	0.4975	0.5025	0.4975	-0.0050	1.0000
pulsar	0.9808	0.0192	0.9413	0.8814	0.2099
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.6093	0.0191	0.2721	0.5607	0.3711
re0-wc	0.7800	0.0338	0.5350	0.7068	0.2477
re1-wc	0.8373	0.0130	0.6281	0.8149	0.1177
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9846	0.0154	0.9845	0.9689	0.1025
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6531	0.3469	0.6377	0.2750	0.8828
RT_IOT2022	0.0163	0.1639	0.0027	0.0000	0.1787
satimage	0.8491	0.0503	0.8236	0.8134	0.2181
satimageF	0.9860	0.0140	0.9642	0.9283	0.1993
satimageT	0.9316	0.0684	0.7824	0.5345	0.4413
scadi	0.5714	0.1224	0.4762	0.4878	0.1295
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9567	0.0124	0.9611	0.9494	0.0619
segmentation	0.8317	0.1683	0.8206	0.6398	0.6181
segmentO	0.9913	0.0087	0.9834	0.9663	0.1466
seismic	0.9186	0.0814	0.5348	0.0544	0.6391
semeion	0.9811	0.0189	0.9496	0.8986	0.2737
sens-1-gram	0.8500	0.1500	0.4937	-0.0065	0.6592
sens-10-gram	0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-3-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8579	0.1421	0.5635	0.0823	0.6398
sens-7-gram	0.8605	0.1395	0.5435	0.0391	0.5724
sens-8-gram	0.8658	0.1342	0.5503	0.0232	0.4453
sens-9-gram	0.8632	0.1368	0.5688	0.0697	0.5660
sensorless	0.9812	0.0034	0.9812	0.9793	0.0305
sepsis	0.9094	0.0906	0.6567	0.0015	0.2086
shoppers	0.8856	0.1144	0.7608	0.5143	0.5988
shuttle	0.9998	0.0000	0.8571	0.9995	0.0003
sick	0.9814	0.0186	0.9237	0.8472	0.2891
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9993	0.0007	0.9989	0.9978	0.0123
skin10%	0.9975	0.0025	0.9963	0.9925	0.0279
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.3400	0.3300	0.3294	0.1186	0.6892
smk_can_187	0.6316	0.3684	0.6644	0.2811	0.7662
smoking	0.7531	0.2469	0.7357	0.4714	0.7589
soil_pollution	0.1800	0.3280	0.1762	-0.0272	0.8762
solar-flare	0.7338	0.0887	0.5325	0.6553	0.1872
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.9412	0.0062	0.9403	0.9355	0.0392

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spam-detection	0.9515	0.0485	0.8566	0.7132	0.4724
spambase	0.9283	0.0717	0.9248	0.8496	0.3503
spect	0.7037	0.2963	0.6196	0.2340	0.8108
spectf	0.8000	0.2000	0.7481	0.4948	0.7085
spectrometer	0.4423	0.0413	0.3131	0.4086	0.1718
splice-EI	0.9464	0.0536	0.9308	0.8608	0.3409
splice-IE	0.9180	0.0820	0.8855	0.7708	0.4413
sport-articles	0.8000	0.2000	0.7834	0.5662	0.6793
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8998	0.0668	0.8726	0.8372	0.2293
steel-b	0.8256	0.1744	0.7238	0.4452	0.7026
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9846	0.0154	0.9767	0.9533	0.1586
steel-o	0.8000	0.2000	0.7727	0.5221	0.6241
steel-p	0.9231	0.0769	0.7226	0.4417	0.6031
steel-s	0.9949	0.0051	0.9665	0.9307	0.0228
steel-z	0.9846	0.0154	0.9575	0.9145	0.2439
stellar	0.9758	0.0161	0.9718	0.9569	0.0883
stock	0.9444	0.0556	0.9022	0.8003	0.3241
stockb	0.9824	0.0117	0.9825	0.9736	0.0528
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6100	0.1560	0.3341	0.3473	0.4252
student-habits	0.3500	0.2600	0.1635	-0.0209	0.5776
student-weekend	0.4308	0.2277	0.2044	0.1579	0.4100
student-workday	0.6250	0.1500	0.1886	0.0617	0.6185
studentap	0.4615	0.3590	0.3579	0.1415	0.6744
susy	0.7898	0.2102	0.7881	0.5726	0.6739
susy1%	0.7870	0.2130	0.7853	0.5670	0.6796
susy10%	0.7861	0.2139	0.7843	0.5649	0.6807
swarm_aligned	0.9996	0.0004	0.9995	0.9990	0.0070
tae	0.6667	0.2222	0.6667	0.5000	0.3311
telco-churn	0.8622	0.1378	0.8193	0.6376	0.5832
texture	0.9091	0.0165	0.9116	0.8998	0.1137
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9686	0.0314	0.4920	-0.0142	0.5981
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9368	0.0632	0.9291	0.8541	0.2792
tis	0.9065	0.0935	0.8695	0.7319	0.4233
tis10%	0.8657	0.1343	0.8067	0.5877	0.5004
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1250	0.3030	0.3684	0.1720
tox_171	0.5294	0.2353	0.6045	0.3704	0.4006
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.8235	0.1765	0.8482	0.6531	0.4644
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.5938	0.1860	0.8482
trec11-wc	0.7805	0.0488	0.5153	0.7240	0.1588
trec12-wc	0.8387	0.0403	0.8847	0.8075	0.1610
trec21-wc	0.8485	0.0606	0.7691	0.7213	0.3100
trec23-wc	0.9524	0.0159	0.9667	0.9338	0.0454
trec31-wc	0.9140	0.0287	0.7724	0.8861	0.1496
trec41-wc	0.9091	0.0182	0.7782	0.8898	0.1330
trec45-wc	0.8261	0.0348	0.7647	0.7974	0.1506
tuandromd	0.9798	0.0202	0.9692	0.9381	0.1950

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
turkish	0.7500	0.1250	0.7565	0.6667	0.3493
tvnews1%	0.8385	0.1615	0.8240	0.6455	0.5930
tvnews10%	0.8612	0.1388	0.8500	0.6997	0.5491
ur3_cobotops_grip	0.9714	0.0286	0.7155	0.3874	0.4334
ur3_cobotops_stop	0.9701	0.0299	0.7588	0.5068	0.4825
urban	0.7910	0.0464	0.8111	0.7545	0.1583
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7500	0.1250	0.6929	0.6593	0.2553
vehicleVAN	0.9524	0.0476	0.9393	0.8769	0.3203
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.4242	0.1047	0.4838	0.3667	0.3769
vowelZ	0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17	0.9100	0.0900	0.6403	0.2206	0.5533
wap-wc	0.5705	0.0429	0.3903	0.5160	0.2800
warpar10p	0.5385	0.0923	0.4118	0.4834	0.1374
warppie10p	0.6667	0.0667	0.6407	0.6260	0.1534
watch-acc1%	0.9746	0.0073	0.9741	0.9703	0.0520
watch-gyr1%	0.9791	0.0060	0.9787	0.9756	0.0436
water_pollution	0.2367	0.3817	0.2374	-0.0165	0.8685
waveform	0.7420	0.1720	0.7421	0.6130	0.5095
weather-related	0.9558	0.0080	0.9556	0.9500	0.0670
web-phishing	0.8370	0.1086	0.7591	0.7114	0.4497
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9800	0.0100	0.9800	0.9733	0.0437
wilt	0.9793	0.0207	0.8904	0.7808	0.3809
wine	0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red	0.5849	0.1384	0.2679	0.3201	0.4267
winequality-white	0.5337	0.1332	0.2729	0.3078	0.6112
wisc_bc	0.9123	0.0877	0.9051	0.8096	0.4018
yale	0.4375	0.0750	0.4000	0.4000	0.1299
yeast	0.5541	0.0892	0.4439	0.4275	0.3515
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9527	0.0473	0.6808	0.3410	0.5673
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9459	0.0541	0.6564	0.3060	0.6026
zip	0.8720	0.0256	0.8629	0.8565	0.1859

Table 422: Detailed results for RerF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1735	0.0787	0.1326	0.0923	0.6126
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9847	0.0153	0.7242	0.2428	0.0543
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.8585	0.1415	0.7887	0.5571	0.5531
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9997	0.0003	0.9774	0.9537	0.0020
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9945	0.0055	0.7020	0.1531	0.0235
aids	0.8873	0.1127	0.8391	0.6592	0.4441
air_pollution	0.4100	0.1686	0.1700	0.0090	0.3409
air-booking	0.8508	0.1492	0.6498	0.0023	0.2929
airline	0.9592	0.0408	0.9585	0.9166	0.2209
alcohol	0.8095	0.0762	0.4174	0.5035	0.1857
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.8884	0.1116	0.8806	0.7386	0.3381
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9805	0.0097	0.9453	0.9627	0.0473
anuran-genus	0.9889	0.0028	0.9658	0.9817	0.0497
anuran-species	0.9847	0.0031	0.9712	0.9787	0.0217
anxiety	0.1333	0.1926	0.1238	0.0230	0.7986
apple-quality	0.8925	0.1075	0.8931	0.7850	0.4474
aps-failure	0.9921	0.0079	0.8767	0.7419	0.2332
arabidopsis	0.9921	0.0079	0.6714	0.0251	0.0318
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.6674	0.0072	0.0320

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.8000	0.0308	0.4773	0.6571	0.1611
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.7273	0.0496	0.5143	0.6733	0.1198
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9500	0.0167	0.7933	0.9340	0.0386
avila	0.9612	0.0065	0.9579	0.9490	0.0459
babies	0.4113	0.1682	0.1620	0.0868	0.5385
balance	0.9194	0.0538	0.6393	0.8500	0.1971
bank	0.9102	0.0898	0.7407	0.4615	0.5553
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8874	0.7571	0.3455
basehock	0.9799	0.0201	0.9800	0.9598	0.1294
bio	0.9973	0.0027	0.9162	0.8232	0.1143
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8857	0.1143	0.8780	0.7553	0.4788
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9872	0.0012	0.1252	0.1978	0.0764
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9863	0.0025	0.1973	0.0694	0.0278
body-perf	0.7216	0.1392	0.7218	0.6289	0.4239
bookings	0.9915	0.0056	0.8321	0.9820	0.0230
brain-tumor	0.5060	0.4940	0.5059	0.0116	0.9942
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.5333	0.7143	0.0578
bub10at310k-hg16-17	0.9230	0.0770	0.7091	0.3497	0.4612
bub12at310k-hg16-17	0.9205	0.0795	0.6982	0.3358	0.4934
bub8at310k-hg16-17	0.9206	0.0794	0.7130	0.3995	0.5535
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4680	0.3547	0.3163	-0.0019	0.5723
car	0.9598	0.0201	0.9413	0.9160	0.1701
car-insurance	0.8440	0.1560	0.8155	0.6302	0.6051
card	0.9420	0.0580	0.9407	0.8799	0.2783
cardiotocography	0.8639	0.0272	0.8487	0.8363	0.1563
cardiotocography-nsp	0.9296	0.0469	0.8589	0.7907	0.1771
cardiovascular	0.7352	0.2648	0.7363	0.4704	0.7666
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8500	0.1000	0.8168	0.7209	0.2947
cas_N6512_cdk_ECFP2	0.7803	0.2197	0.7801	0.5596	0.6993
cas_N6512_rdkit_ATOMPAIR	0.7938	0.2062	0.7931	0.5860	0.6766
cas_N6512_RDkit_AtomPair_FP	0.7899	0.2101	0.7884	0.5768	0.6842
cas_N6512_rdkit_AVALON	0.8218	0.1782	0.8218	0.6428	0.6206
cas_N6512_RDkit_Avalon_FP	0.8267	0.1733	0.8284	0.6539	0.6031
cas_N6512_rdkit_descriptors	0.7954	0.2046	0.7954	0.5900	0.6717
cas_N6512_rdkit_FEATMORGAN	0.7942	0.2058	0.7928	0.5856	0.6766
cas_N6512_RDkit_Featmorgan_FP	0.7883	0.2117	0.7877	0.5752	0.6862
cas_N6512_RDkit_FP	0.7991	0.2009	0.7983	0.5965	0.6670
cas_N6512_rdkit_LAYERED	0.8046	0.1954	0.8063	0.6098	0.6480
cas_N6512_RDkit_Layered_FP	0.7730	0.2270	0.7720	0.5440	0.7135

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.8065	0.1935	0.8049	0.6092	0.6517
cas_N6512_RDkit_MACCS_FP	0.8129	0.1871	0.8142	0.6260	0.6334
cas_N6512_rdkit_MORGAN	0.8323	0.1677	0.8312	0.6624	0.6009
cas_N6512_RDkit_morgan_FP	0.8160	0.1840	0.8149	0.6297	0.6349
cas_N6512_rdkit_PATTERN	0.8000	0.2000	0.8010	0.6001	0.6595
cas_N6512_RDkit_pattern_FP	0.7715	0.2285	0.7720	0.5427	0.7120
cas_N6512_rdkit_RDKITFP	0.8003	0.1997	0.7993	0.5985	0.6651
cas_N6512_rdkit_TORSION	0.7769	0.2231	0.7771	0.5532	0.7040
ccds	0.9652	0.0348	0.7099	0.2272	0.1608
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9630	0.0370	0.6780	0.0665	0.1082
cdc_diabetes	0.8495	0.1003	0.4231	0.1779	0.3028
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6744	0.0561	0.1301
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9537	0.0463	0.7676	0.4863	0.3763
census10%	0.9545	0.0455	0.7521	0.4156	0.2992
central-nervous-system	0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B	0.9302	0.0698	0.6408	0.2229	0.5285
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.9292	0.0354	0.8351	0.8938	0.1216
chrom19	0.9998	0.0002	0.9478	0.8925	0.0846
chrom191%	0.9994	0.0006	0.9090	0.7997	0.4644
chrom1910%	0.9994	0.0006	0.8468	0.6872	0.3227
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8530	0.1470	0.7455	0.4597	0.5835
churn-bigml	0.9363	0.0637	0.8627	0.6964	0.2606
ci900367j_MACCS	0.7158	0.2842	0.6910	0.3794	0.8107
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.5180	0.5070	0.3634
cjs	0.9964	0.0012	0.9972	0.9956	0.0083
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8167	0.0917	0.6585	0.7078	0.3158
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5295	0.2900	0.7050
cnae-9	0.9444	0.0123	0.9471	0.9375	0.0622
codon_usage	0.9194	0.0147	0.7730	0.9015	0.0917
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.8400	0.0213	0.7724	0.8223	0.0662
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.8276	0.1724	0.8044	0.5892	0.5680
colposcopies-2	0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.5127	0.4873	0.5123	0.0246	0.9925
connect-4	0.9833	0.0112	0.6453	0.4247	0.0649
cottonmeloidogyne	0.7812	0.2188	0.7816	0.5626	0.6968
coupon	0.7697	0.2303	0.7635	0.5207	0.7063
covid19	0.5519	0.1280	0.2409	0.2013	0.3623
covtype	0.9021	0.0280	0.8511	0.8408	0.1713
covtype10%	0.8449	0.0443	0.7522	0.7451	0.2507
covtypeCD	0.9881	0.0119	0.9744	0.9485	0.1116
covtypeT	0.9797	0.0203	0.9178	0.8320	0.2312
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9996	0.0004	0.9405	0.8762	0.0750
creditcard_trans10%	0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced	0.9493	0.0169	0.8646	0.8933	0.0938
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.5938	0.0203	0.4439	0.5819	0.0659
customer-churn	0.9834	0.0166	0.7456	0.4501	0.3780
cybersecurity	0.1267	0.2911	0.1250	-0.0510	0.9050
cyclopentane	0.6296	0.3704	0.6326	0.2623	0.8892
cylinder-bands	0.7778	0.2222	0.7710	0.5404	0.7057
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0952	0.1810	0.0945	-0.0054	0.9310
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8260	0.1740	0.7133	0.3922	0.6382
defect	0.9383	0.0617	0.8787	0.7336	0.2399
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9042	0.0958	0.7338	0.4504	0.5763
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.9730	0.0090	0.9729	0.9662	0.0254
desharnais	0.6250	0.2500	0.4099	0.2000	0.4997
dexter	0.9333	0.0667	0.9343	0.8667	0.3124
df_final	0.6875	0.2083	0.7090	0.5062	0.3810
DIA	0.8833	0.1167	0.8416	0.6316	0.2737
diabetes	0.9808	0.0192	0.9799	0.9590	0.0927
diabetes-100k	0.9691	0.0309	0.8933	0.7627	0.1113
diabetes-risk	0.9201	0.0799	0.8734	0.7429	0.4210
diabetic	0.5847	0.2768	0.4702	0.1701	0.5076
diabetic1%	0.5882	0.2745	0.3843	0.1628	0.4738
diabetic10%	0.5678	0.2881	0.3680	0.1291	0.5118
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7714	0.0914	0.7658	0.6749	0.3162
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.4167	0.5833	0.3514	-0.2727	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9478	0.0522	0.8310	0.6399	0.3592
dota2	0.5853	0.4147	0.5818	0.1509	0.9071
dota210%	0.5738	0.4262	0.5701	0.1238	0.9006
drebin	0.9894	0.0106	0.9886	0.9771	0.0755
dropout	0.7652	0.1565	0.6761	0.6008	0.4470
drug-01	0.4149	0.1672	0.1487	0.0395	0.3746
drug-02	0.5372	0.1322	0.2729	0.1592	0.5040
drug-03	0.6915	0.0881	0.1722	0.0656	0.2920
drug-04	0.5372	0.1322	0.1614	0.0694	0.3663

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.3142	0.2695	0.4476
drug-07	0.4734	0.1505	0.1473	0.1064	0.3828
drug-08	0.5691	0.1231	0.2242	0.1339	0.3808
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5691	0.1231	0.1639	0.1752	0.3521
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6064	0.1125	0.1641	0.1669	0.3259
drug-14	0.6170	0.1094	0.2719	0.2929	0.4366
drug-15	0.7660	0.0669	0.1656	0.0509	0.1807
drug-16	0.6117	0.1109	0.2794	0.3267	0.3174
drug-17	0.3777	0.1778	0.1378	0.1245	0.4563
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9229	0.0220	0.9360	0.9067	0.1237
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	0.5909	0.4091	0.7058	0.2878	0.5306
ecoliM	0.7576	0.2424	0.4310	0.0000	0.3942
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2094	-0.0538	0.8820
eeg	0.5629	0.0546	0.5785	0.5139	0.4924
eeg-eye	0.9352	0.0648	0.9346	0.8687	0.3157
eeg10%	0.4670	0.0666	0.4419	0.4053	0.5093
email_phishing	0.9876	0.0124	0.6933	0.1202	0.0457
eucalyptus	0.6575	0.1370	0.6382	0.5520	0.3394
euthyroid	0.9684	0.0316	0.9082	0.8159	0.3294
exon.vs.intron-freq	0.9823	0.0177	0.9824	0.9645	0.1109
exon.vs.intron-freq10%	0.9562	0.0438	0.9570	0.9117	0.2119
fakenews	0.5075	0.4925	0.5070	0.0139	0.9942
farm-ads	0.9058	0.0942	0.9072	0.8093	0.3818
fbis-wc	0.8252	0.0206	0.7549	0.7990	0.1023
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.9020	0.0980	0.9028	0.7997	0.3894
financial-risk	0.8330	0.0557	0.6032	0.7228	0.1854
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.7500	0.0625	0.4060	0.6764	0.1476
fonts	0.7742	0.0030	0.6206	0.7619	0.2014
fonts10%	0.5569	0.0058	0.2727	0.5258	0.3680
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.9971	0.0010	0.9973	0.9965	0.0071
gastrointestinal	0.8125	0.1250	0.8305	0.6981	0.2631
gender	0.6105	0.2596	0.4980	0.1660	0.5201
gene	0.9369	0.0421	0.9285	0.8985	0.1931
german	0.7200	0.2800	0.6799	0.2689	0.6300
gestures	0.9195	0.0402	0.9198	0.8927	0.1758
gina	0.9481	0.0519	0.9482	0.8963	0.2717
gisette	0.9643	0.0357	0.9644	0.9286	0.2051
glass	0.9048	0.0317	0.8929	0.8683	0.0975
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.4407	0.3438	0.4724
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.9625	0.0063	0.8434	0.9556	0.0406
har	0.9959	0.0016	0.9955	0.9948	0.0115
har70	0.9386	0.0175	0.7132	0.9083	0.1081
har701%	0.9274	0.0207	0.5691	0.8921	0.1127
har7010%	0.9336	0.0190	0.5954	0.9007	0.0944
harth	0.9044	0.0159	0.7084	0.8697	0.1685
harth1%	0.8794	0.0201	0.6012	0.8350	0.1583
harth10%	0.8937	0.0177	0.6814	0.8549	0.1711
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.9355	0.0645	0.9349	0.8697	0.3213
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.9840	0.0160	0.9815	0.9623	0.0742
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass	0.8670	0.1330	0.8674	0.7340	0.5171
hepmass1%	0.8500	0.1500	0.8502	0.7000	0.5595
hepmass10%	0.8615	0.1385	0.8620	0.7231	0.5299
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.7538	0.2462	0.7527	0.5053	0.7448
higgs0.1%	0.6936	0.3064	0.6916	0.3822	0.8285
higgs1%	0.7073	0.2927	0.7055	0.4105	0.8117
higgs10%	0.7325	0.2675	0.7312	0.4623	0.7770
higher	0.2143	0.1964	0.1293	0.0375	0.3656
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8870	0.1130	0.7739	0.4999	0.4601
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6667	0.2222	0.5830	0.3703	0.4690
hotel-reservartions	0.9107	0.0893	0.8972	0.7920	0.4014
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	1.0000	0.0000	1.0000	1.0000	0.0002
ht-sensor10%	0.9996	0.0003	0.9996	0.9994	0.0026
htru2	0.9782	0.0218	0.9318	0.8611	0.2113
hypothyroid	0.9947	0.0027	0.7438	0.9684	0.0506
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7119	0.2881	0.6069	0.1995	0.8360
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9760	0.0120	0.9764	0.9680	0.0522
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9101	0.0069	0.9146	0.9065	0.0767
jm1	0.8209	0.1791	0.6489	0.2356	0.6390
jvowels	0.9839	0.0036	0.9831	0.9818	0.0275
kc1	0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6751	0.3350	0.7254
kdc-4007	0.7456	0.0727	0.7609	0.7029	0.3336
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9476	0.0524	0.4866	-0.0021	0.2511
kddcup99	0.9998	0.0000	0.7110	0.9997	0.0045
kddcup991%	0.9986	0.0002	0.8291	0.9976	0.0015
kddcup9910%	0.9996	0.0000	0.6320	0.9993	0.0027
kepler	0.8954	0.0697	0.8580	0.8274	0.1991
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7783	0.0246	0.7933	0.7515	0.2264
krvskp	0.9875	0.0125	0.9875	0.9749	0.0906
la1s-wc	0.8508	0.0497	0.8330	0.8087	0.1804
la2s-wc	0.8940	0.0353	0.8822	0.8646	0.1376
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0205	0.7491	0.7530	0.0578
led24	0.6500	0.0700	0.6222	0.6067	0.1445
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9685	0.0024	0.9682	0.9672	0.0376
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.9110	0.8807	0.0496
linkage	1.0000	0.0000	0.9988	0.9976	0.0030
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9859	0.0141	0.9850	0.9700	0.0987
localization	0.7169	0.0515	0.4975	0.6304	0.2786
localization10%	0.6717	0.0597	0.4033	0.5678	0.3129
lrs	0.8491	0.0302	0.4439	0.7907	0.1068
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0494	0.4018	0.6842	0.0783
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.6346	0.3654	0.6348	0.2692	0.8951
magic04	0.8811	0.1189	0.8676	0.7322	0.4843
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8543	0.7080	0.5499
marketing	0.9018	0.0982	0.7785	0.4783	0.3425
maternal	0.8416	0.1056	0.8450	0.7587	0.3503
math	0.8250	0.0875	0.7899	0.7211	0.2203
mba	0.8177	0.1215	0.3871	0.1433	0.3946
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2233	0.3107	0.2339	0.0270	0.8212
messidor	0.6696	0.3304	0.6638	0.3277	0.8607
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.9700	0.0060	0.9710	0.9667	0.0374
mfeat-fou	0.8050	0.0390	0.8062	0.7833	0.1591
mfeat-kar	0.9700	0.0060	0.9707	0.9667	0.0379
mfeat-mor	0.6900	0.0620	0.6910	0.6556	0.1995
mfeat-pix	0.9850	0.0030	0.9852	0.9833	0.0188
mfeat-zer	0.7950	0.0410	0.7953	0.7722	0.1206
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.5075	0.4106	0.3987
mobile	0.9510	0.0017	0.9549	0.9502	0.0219
monks-1	0.9636	0.0364	0.9648	0.9272	0.1675
monks-2	0.9180	0.0820	0.9116	0.8076	0.2404
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4911	0.0925	0.5419	0.3891	0.5376
musk	0.9606	0.0394	0.9222	0.8317	0.1242
MUT_ci300400a_cdk_ECFP2	0.8333	0.1667	0.8286	0.6571	0.6040
MUT_ci300400a_cdk_ECFP4	0.8443	0.1557	0.8403	0.6805	0.5802
MUT_ci300400a_cdk_ECFP6	0.8192	0.1808	0.8127	0.6221	0.6217
MUT_ci300400a_cdk_ESTATE	0.7746	0.2254	0.7660	0.5303	0.7125
MUT_ci300400a_cdk_EXTENDED	0.8609	0.1391	0.8571	0.7142	0.5416
MUT_ci300400a_cdk_FCFP2	0.8299	0.1701	0.8248	0.6496	0.6111
MUT_ci300400a_cdk_FCFP4	0.8189	0.1811	0.8135	0.6269	0.6337
MUT_ci300400a_cdk_FCFP6	0.8309	0.1691	0.8257	0.6514	0.6086
MUT_ci300400a_cdk_MACCS	0.8465	0.1535	0.8422	0.6844	0.5750
MUT_ci300400a_cdk_PUBCHEM	0.8695	0.1305	0.8658	0.7316	0.5206
MUT_ci300400a_cdk_STANDARD	0.8467	0.1533	0.8416	0.6826	0.5716
MUT_ci300400a_rdkit_descriptors	0.8622	0.1378	0.8593	0.7186	0.5373
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9744	0.0256	0.9744	0.9489	0.1608
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA	0.9621	0.0040	0.8278	0.8979	0.2504
ncRNA1%	0.9190	0.0085	0.5674	0.7738	0.3735
ncRNA10%	0.9423	0.0061	0.7185	0.8417	0.2960
neo	0.9190	0.0810	0.7262	0.4244	0.5388
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.8687	0.0060	0.8697	0.8642	0.0855
newspop	0.6673	0.3327	0.6647	0.3285	0.8606
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9687	0.0313	0.9614	0.9226	0.2015
NPHA-doctor-visits	0.5417	0.3056	0.4151	0.0361	0.3592
nursery	0.9869	0.0052	0.7716	0.9808	0.0351
obesity	0.9336	0.0190	0.9353	0.9225	0.0823
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9937	0.0063	0.9911	0.9823	0.0756
Occupancy_Estimation	0.9941	0.0030	0.9783	0.9819	0.0134
oh0-wc	0.9307	0.0139	0.9362	0.9205	0.0678
oh10-wc	0.8000	0.0400	0.7979	0.7718	0.1724
oh15-wc	0.8913	0.0217	0.8972	0.8762	0.1096
oh5-wc	0.8462	0.0308	0.8634	0.8251	0.1322
ohscal-wc	0.8011	0.0398	0.7870	0.7771	0.2594
olive	0.9298	0.0156	0.9215	0.9118	0.0396
opn310k	0.9226	0.0774	0.7079	0.3516	0.4722
opn310k10%	0.9247	0.0753	0.7061	0.3094	0.3929

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opnat310k-hg16-17	0.9239	0.0761	0.7140	0.3608	0.4569
optdigits	0.9698	0.0060	0.9718	0.9664	0.0429
optdigitsZ	0.9947	0.0053	0.9834	0.9662	0.0246
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9328	0.0672	0.7031	0.1787	0.1695
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8454	0.1546	0.8236	0.6424	0.5765
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants	0.9955	0.0045	0.6848	0.2983	0.3495
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9854	0.0059	0.9401	0.9162	0.1081
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.8673	0.1327	0.8585	0.7067	0.4806
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.9349	0.0651	0.9193	0.8386	0.3617
particle10%	0.9208	0.0792	0.9011	0.8020	0.4066
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5773	0.4227	0.3660	-0.0103	0.5851
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8939	0.7647	0.2161
pediatric-leukemia	0.7647	0.0672	0.6143	0.7056	0.1787
pendigits	0.9936	0.0013	0.9936	0.9929	0.0122
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7959	0.2041	0.7783	0.5527	0.6770
personalities	0.9777	0.0028	0.9777	0.9762	0.0406
pet-adoption	0.9400	0.0600	0.9319	0.8600	0.2695
phishing	0.9673	0.0327	0.9658	0.9310	0.1820
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.9336	0.0190	0.9297	0.9224	0.0648
phone-acc0.1%	0.8515	0.0424	0.8431	0.8262	0.1444
phone-acc1%	0.9103	0.0256	0.9054	0.8951	0.0938
phone-acc10%	0.9282	0.0205	0.9241	0.9160	0.0709
phone-gyr	0.9582	0.0119	0.9540	0.9511	0.0526
phone-gyr0.1%	0.8787	0.0347	0.8727	0.8579	0.1461
phone-gyr1%	0.9332	0.0191	0.9284	0.9218	0.0852
phone-gyr10%	0.9531	0.0134	0.9486	0.9452	0.0589
phoneme	0.9333	0.0667	0.9167	0.8325	0.3474
phy	0.7128	0.2872	0.7131	0.4254	0.8023
pima	0.7368	0.2632	0.7271	0.3930	0.6335
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7950	0.2050	0.7877	0.5729	0.6725
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.6437	0.0713	0.3172	0.3210	0.2179
poker1%	0.5580	0.0884	0.1134	0.1554	0.2577
poker10%	0.5899	0.0820	0.1624	0.2200	0.2494
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9551	0.0449	0.7198	0.3860	0.4331
polish-5th	0.9475	0.0525	0.7554	0.4676	0.4217
polya	0.7795	0.2205	0.7514	0.4872	0.6853
popularity	0.6772	0.2152	0.5414	0.2384	0.4488

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9851	0.0059	0.9849	0.9814	0.0379
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6913	0.3824	0.8319
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.4042	0.4216	0.2480
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7612	0.2388	0.7114	0.3874	0.6917
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.9961	0.0015	0.9932	0.9948	0.0136
puc-rio10%	0.9934	0.0027	0.9873	0.9911	0.0185
pufs-128	0.5004	0.4996	0.5004	0.0008	0.9988
pufs-1281%	0.4910	0.5090	0.4910	-0.0180	1.0000
pufs-12810%	0.5007	0.4994	0.5007	0.0013	0.9986
pufs-64	0.5029	0.4971	0.5028	0.0057	0.9973
pufs-641%	0.4754	0.5246	0.4749	-0.0493	1.0000
pufs-6410%	0.5016	0.4984	0.5016	0.0031	0.9947
pulsar	0.9848	0.0152	0.9536	0.9057	0.1524
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
rcv11%	0.7556	0.0092	0.3283	0.7202	0.1331
rcv110%	0.8491	0.0057	0.4748	0.8299	0.1132
re0-wc	0.8533	0.0226	0.7266	0.8029	0.1184
re1-wc	0.8012	0.0159	0.5341	0.7690	0.1203
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8759	0.0038	0.3542	0.8253	0.0750
rice	0.9852	0.0148	0.9850	0.9700	0.1024
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.7039	0.2961	0.6964	0.3924	0.8185
RT_IOT2022	0.9989	0.0002	0.9813	0.9973	0.0018
satimage	0.9082	0.0306	0.8948	0.8865	0.1430
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9393	0.0607	0.8097	0.5839	0.3617
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6195	0.2353	0.9023
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9610	0.0111	0.9653	0.9544	0.0526
segmentation	0.8614	0.1386	0.8474	0.6941	0.5489
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8789	0.1211	0.6856	0.1312	0.2567
sens-3-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-4-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-5-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sensorless	0.9990	0.0002	0.9990	0.9989	0.0023
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9027	0.0973	0.7935	0.5713	0.5121
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9708	0.0292	0.8705	0.7038	0.0927

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9997	0.0003	0.9996	0.9991	0.0072
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2000	0.4000	0.2023	-0.0764	0.8068
smk_can_187	0.6316	0.3684	0.6315	0.2486	0.8662
smoking	0.8379	0.1621	0.8268	0.6534	0.6049
soil_pollution	0.2000	0.3200	0.1999	-0.0012	0.8745
solar-flare	0.7698	0.0767	0.6203	0.7034	0.1819
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.9853	0.0015	0.9841	0.9838	0.0070
spam-detection	0.9555	0.0445	0.8646	0.7290	0.4388
spambase	0.9500	0.0500	0.9476	0.8949	0.2662
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer	0.6538	0.0256	0.5526	0.6334	0.1187
splice-EI	0.9716	0.0284	0.9621	0.9238	0.1885
splice-IE	0.9306	0.0694	0.9010	0.7986	0.3550
sport-articles	0.8600	0.1400	0.8485	0.6963	0.5487
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9127	0.0582	0.8900	0.8578	0.2112
steel-b	0.8769	0.1231	0.7984	0.5763	0.5178
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8103	0.1897	0.7861	0.5690	0.6581
steel-p	0.9333	0.0667	0.7250	0.3558	0.3699
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9744	0.0256	0.9236	0.8432	0.2195
stellar	0.9758	0.0161	0.9723	0.9570	0.0951
stock	0.9167	0.0833	0.8487	0.6800	0.3916
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9920	0.0080	0.9919	0.9838	0.0642
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6100	0.1560	0.3475	0.3624	0.4410
student-depression	0.8315	0.1685	0.8251	0.6481	0.5997
student-habits	0.3400	0.2640	0.2451	-0.0441	0.4695
student-weekend	0.4308	0.2277	0.2871	0.1420	0.4670
student-workday	0.7031	0.1187	0.2261	0.0515	0.2877
studentap	0.4615	0.3590	0.4301	0.1727	0.5990
susy	0.8001	0.1999	0.7989	0.5930	0.6509
susy1%	0.8024	0.1976	0.8010	0.5982	0.6492
susy10%	0.8014	0.1986	0.8003	0.5958	0.6480
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4828	0.2000	0.6879
telco-churn	0.9020	0.0980	0.8704	0.7366	0.4469
texture	0.9836	0.0030	0.9846	0.9820	0.0259
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.9110	0.0890	0.8765	0.7368	0.3471
tis10%	0.8284	0.1716	0.7584	0.3959	0.3363
titanic	0.8182	0.1818	0.7934	0.5163	0.4251

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tourist	0.7500	0.0833	0.4340	0.6098	0.1060
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5569	0.0975	0.8260
trec11-wc	0.9024	0.0217	0.7523	0.8794	0.0371
trec12-wc	0.9677	0.0081	0.9812	0.9612	0.0265
trec21-wc	0.9394	0.0202	0.4932	0.8631	0.0520
trec23-wc	0.8571	0.0476	0.6291	0.7872	0.1109
trec31-wc	0.9570	0.0123	0.8167	0.9426	0.0546
trec41-wc	0.9205	0.0159	0.7582	0.9022	0.0808
trec45-wc	0.9130	0.0174	0.8275	0.8977	0.0646
tuandromd	0.9865	0.0135	0.9796	0.9589	0.1547
turkish	0.8250	0.0875	0.8265	0.7667	0.2129
tvnews	0.9574	0.0426	0.9540	0.9077	0.2379
tvnews1%	0.9385	0.0615	0.9345	0.8644	0.2616
tvnews10%	0.9083	0.0917	0.9007	0.8010	0.4167
ur3_cobotops_grip	0.9741	0.0259	0.7426	0.3779	0.2389
ur3_cobotops_stop	0.9714	0.0286	0.7507	0.4491	0.3641
urban	0.8657	0.0299	0.8753	0.8426	0.1263
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7619	0.1190	0.7147	0.6775	0.2247
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9346	0.8608	0.2605
vowel	0.6970	0.0551	0.7283	0.6667	0.1740
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9206	0.0794	0.6936	0.2817	0.4093
wap-wc	0.7885	0.0212	0.5791	0.7603	0.1235
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.9621	0.0108	0.9611	0.9556	0.0404
watch-acc1%	0.9325	0.0193	0.9318	0.9210	0.0840
watch-acc10%	0.9590	0.0117	0.9582	0.9520	0.0448
watch-gyr	0.9550	0.0128	0.9531	0.9475	0.0478
watch-gyr1%	0.9239	0.0217	0.9213	0.9111	0.0883
watch-gyr10%	0.9506	0.0141	0.9486	0.9423	0.0564
water_pollution	0.2100	0.3950	0.2087	-0.0537	0.8873
waveform	0.8460	0.1027	0.8463	0.7691	0.3518
weather-related	0.9808	0.0035	0.9829	0.9782	0.0240
web-phishing	0.8667	0.0889	0.8122	0.7632	0.3901
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9995	0.0002	0.9995	0.9994	0.0017
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9814	0.0186	0.8938	0.7811	0.2593
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.7296	0.0901	0.3583	0.5595	0.3020
winequality-white	0.7014	0.0853	0.4077	0.5346	0.3359
winnipeg	0.9975	0.0007	0.9937	0.9968	0.0128
winnipeg10%	0.9945	0.0016	0.9955	0.9930	0.0136
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7986	0.7992	0.0481
yeast	0.5743	0.0851	0.3958	0.4522	0.3550
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastEXC	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.9495	0.0101	0.9448	0.9434	0.0833

Table 423: Detailed results for RF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1607	0.0579	0.0849	0.0760	0.5088
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9825	0.0175	0.6456	0.1947	0.3590
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9726	0.0274	0.9419	0.8830	0.2343
adult	0.8683	0.1317	0.8080	0.6099	0.5670
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7810	0.2190	0.4948	-0.0075	0.7914
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red	0.7778	0.2222	0.4375	-0.1163	0.8180
AID1608Morered	0.9029	0.0971	0.4745	-0.0425	0.6928
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9836	0.0164	0.4959	-0.0040	0.4515
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9981	0.0019	0.8471	0.6392	0.0095
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5631	0.1250	0.9054
AID644red	0.5500	0.4500	0.4886	-0.0227	0.9383
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.3333	0.6667	0.2500	-0.4211	0.8208
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9943	0.0057	0.6902	0.1047	0.0241
aids	0.8967	0.1033	0.8575	0.6734	0.2537
air_pollution	0.4067	0.1695	0.0828	0.0017	0.3421
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.9346	0.0654	0.9334	0.8668	0.3240
alcohol	0.7048	0.1181	0.2394	0.1671	0.2244
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.9488	0.0512	0.9438	0.8864	0.2600
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9722	0.0139	0.9364	0.9467	0.0770
anuran-genus	0.9680	0.0080	0.9083	0.9469	0.0800
anuran-species	0.9819	0.0036	0.9668	0.9749	0.0546
anxiety	0.1000	0.2000	0.0698	-0.0178	0.5954
apple-quality	0.6075	0.3925	0.6617	0.2150	0.6403
aps-failure	0.9921	0.0079	0.8819	0.7616	0.3183
arabidopsis	0.9920	0.0080	0.6672	0.0222	0.0360
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.6690	0.0144	0.0319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.8500	0.1500	0.8488	0.6939	0.5599
arrhythmia	0.7333	0.0410	0.5062	0.5881	0.2821
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.8696	0.0109	0.4045	0.8506	0.0219
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7230	0.8676	0.0699
avila	0.9880	0.0020	0.9849	0.9844	0.0328
babies	0.4113	0.1682	0.1481	0.0462	0.2867
balance	0.8387	0.1075	0.5854	0.6990	0.3614
bank	0.9107	0.0893	0.7653	0.5292	0.5918
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8525	0.1475	0.8376	0.6716	0.5559
basehock	0.9749	0.0251	0.9749	0.9497	0.1579
bio	0.9970	0.0030	0.9062	0.8003	0.1175
bio10%	0.9938	0.0062	0.8321	0.6636	0.4637
biodeg	0.8857	0.1143	0.8780	0.7553	0.4788
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin	0.9892	0.0007	0.1322	0.4512	0.2209
bitcoin1%	0.9866	0.0009	0.0834	0.1685	0.1079
bitcoin10%	0.9889	0.0008	0.1288	0.4202	0.1834
body-perf	0.4545	0.2728	0.4749	0.2726	0.3740
bookings	0.9898	0.0068	0.6620	0.9783	0.0264
brain-tumor	0.5120	0.4880	0.5174	0.0218	0.8477
breast-cancer	0.8571	0.1429	0.8169	0.6216	0.5439
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.9000	0.0286	0.6767	0.8571	0.0295
bub10at310k-hg16-17	0.9105	0.0895	0.6462	0.0332	0.2324
bub12at310k-hg16-17	0.9234	0.0766	0.7221	0.4133	0.5300
bub8at310k-hg16-17	0.9205	0.0795	0.7322	0.4570	0.5866
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4950	0.3367	0.4005	0.0043	0.3461
car	0.9540	0.0230	0.9389	0.9039	0.2002
car-insurance	0.8430	0.1570	0.8207	0.6409	0.6108
card	0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography	0.8639	0.0272	0.8545	0.8362	0.1604
cardiotocography-nsp	0.9296	0.0469	0.8799	0.8081	0.3095
cardiovascular	0.7284	0.2716	0.7336	0.4568	0.7538
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.7284	0.6682	0.3390
cas_N6512_cdk_ECFP2	0.5530	0.4470	0.5925	0.0333	0.5652
cas_N6512_rdkit_ATOMPAIR	0.5431	0.4569	0.5600	0.0118	0.5675
cas_N6512_RDkit_AtomPair_FP	0.5460	0.4540	0.6128	0.0179	0.5201
cas_N6512_rdkit_AVALON	0.6144	0.3856	0.6649	0.2608	0.7206
cas_N6512_RDkit_Avalon_FP	0.6074	0.3926	0.6600	0.2478	0.7180
cas_N6512_rdkit_descriptors	0.5538	0.4462	0.6195	0.0358	0.5189
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5414	0.4586	0.6087	0.0072	0.5207
cas_N6512_RDkit_FP	0.7592	0.2408	0.7582	0.5164	0.7361
cas_N6512_rdkit_LAYERED	0.7338	0.2662	0.7331	0.4659	0.7744
cas_N6512_RDkit_Layered_FP	0.7730	0.2270	0.7718	0.5435	0.7138

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7081	0.2919	0.7052	0.4090	0.8094
cas_N6512_RDkit_MACCS_FP	0.7209	0.2791	0.7203	0.4403	0.7923
cas_N6512_rdkit_MORGAN	0.6108	0.3892	0.6640	0.2544	0.7115
cas_N6512_RDkit_morgan_FP	0.5982	0.4018	0.6522	0.2312	0.7215
cas_N6512_rdkit_PATTERN	0.6277	0.3723	0.6628	0.2801	0.7724
cas_N6512_RDkit_pattern_FP	0.6426	0.3574	0.6816	0.3096	0.7368
cas_N6512_rdkit_RDKITFP	0.7650	0.2350	0.7653	0.5296	0.7235
cas_N6512_rdkit_TORSION	0.5446	0.4554	0.6115	0.0143	0.5202
ccds	0.9669	0.0331	0.7263	0.3002	0.1935
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9630	0.0370	0.6780	0.0665	0.1082
cdc_diabetes	0.8492	0.1005	0.4207	0.1536	0.2862
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6995	0.3005	0.6904	0.3751	0.8083
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6744	0.0561	0.1301
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9540	0.0460	0.7754	0.5270	0.4408
census10%	0.9529	0.0471	0.7486	0.4649	0.4535
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9767	0.0233	0.8689	0.7378	0.4199
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9406	0.0297	0.9342	0.9116	0.1387
chrom19	0.9998	0.0002	0.9443	0.8843	0.0687
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%	0.9994	0.0006	0.8468	0.6872	0.3227
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.6116	0.1148	0.4393
churn	0.8390	0.1610	0.7140	0.3785	0.5917
churn-bigml	0.8876	0.1124	0.7345	0.3776	0.4193
ci900367j_MACCS	0.6737	0.3263	0.6365	0.1982	0.7140
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.4827	0.4299	0.4239
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8213	0.0894	0.6957	0.7189	0.3224
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5782	0.2812	0.5638	0.3407	0.6288
cnae-9	0.9630	0.0082	0.9636	0.9583	0.0414
codon_usage	0.8158	0.0335	0.7006	0.7740	0.2064
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5517	0.4483	0.4919	-0.0162	0.9699
colposcopies-2	0.6207	0.3793	0.5643	0.1163	0.9016
colposcopies-3	0.6207	0.3793	0.6141	0.2276	0.9066
colposcopies-4	0.7931	0.2069	0.7237	0.4387	0.7155
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.8621	0.1379	0.8117	0.6234	0.6038
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7007	0.6353	0.2946

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5139	0.4731	0.5179	0.0314	0.7811
comedy_comparisons1%	0.5180	0.4820	0.5283	0.0021	0.5548
comedy_comparisons10%	0.5175	0.4825	0.5193	0.0005	0.5378
connect-4	0.9871	0.0086	0.7464	0.6431	0.2222
cottonmeloidogyne	0.7476	0.2524	0.7486	0.4955	0.7490
coupon	0.7871	0.2129	0.7815	0.5582	0.6788
covid19	0.5400	0.1314	0.2179	0.1631	0.3261
covtype	0.9607	0.0112	0.9351	0.9368	0.1085
covtype10%	0.7652	0.0671	0.7080	0.6200	0.3214
covtypeCD	0.9901	0.0099	0.9787	0.9574	0.1039
covtypeT	0.9849	0.0151	0.9403	0.8795	0.2106
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans	0.9994	0.0006	0.9113	0.8137	0.1291
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9207	0.0264	0.7859	0.8313	0.1718
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.5000	0.0250	0.3733	0.4870	0.0758
customer-churn	0.9836	0.0164	0.7513	0.4669	0.3854
cybersecurity	0.1767	0.2744	0.0835	0.0001	0.4915
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7593	0.2407	0.7586	0.4815	0.6443
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dating	0.1018	0.1796	0.0428	-0.0004	0.4335
day1%	0.9770	0.0230	0.9753	0.9504	0.1629
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8087	0.1913	0.6882	0.3592	0.7117
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9036	0.0964	0.7468	0.4889	0.6024
depressed	0.8252	0.1748	0.5461	0.0382	0.5884
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.6525	0.4286	0.5000
dexter	0.8667	0.1333	0.8700	0.7333	0.4919
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.5708	0.0625	0.6318
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k	0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk	0.9205	0.0795	0.8749	0.7476	0.4316
diabetic	0.5558	0.2962	0.4213	0.1548	0.6674
diabetic1%	0.5980	0.2680	0.4422	0.2274	0.6321
diabetic10%	0.4902	0.3399	0.3849	0.0403	0.6705
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6967	0.1213	0.7087	0.5612	0.2899
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5000	0.5000	0.4701	-0.0588	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.6257	0.0057	0.0267
dorothea	0.9478	0.0522	0.8382	0.6717	0.4410
dota2	0.5572	0.4428	0.5556	0.1112	0.9634
dota210%	0.5485	0.4515	0.5457	0.0912	0.9698
drebin	0.9415	0.0585	0.9381	0.8756	0.3145
dropout	0.7472	0.1685	0.6575	0.5764	0.4960

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3617	0.1824	0.1391	0.0185	0.4841
drug-02	0.4681	0.1520	0.1595	0.1036	0.6908
drug-03	0.6543	0.0988	0.1430	0.0067	0.4030
drug-04	0.4681	0.1520	0.1770	0.0725	0.7515
drug-05	0.7287	0.0775	0.1204	-0.0081	0.2227
drug-06	0.3298	0.1915	0.2245	0.1798	0.7082
drug-07	0.3883	0.1748	0.1357	-0.0008	0.4631
drug-08	0.5372	0.1322	0.2041	0.1305	0.5468
drug-09	0.8564	0.0410	0.1318	-0.0136	0.2895
drug-10	0.5266	0.1353	0.2041	0.0842	0.5922
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7872	0.0608	0.1258	-0.0070	0.2247
drug-13	0.5851	0.1185	0.1950	0.1977	0.4509
drug-14	0.5957	0.1155	0.2879	0.2798	0.5529
drug-15	0.7500	0.0714	0.1833	0.1533	0.4729
drug-16	0.5851	0.1185	0.2505	0.2938	0.4593
drug-17	0.3191	0.1945	0.2079	0.0875	0.7516
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1641	0.0451	0.2099
drybean	0.9229	0.0220	0.9373	0.9067	0.1268
ecoli	0.8235	0.0441	0.5245	0.7536	0.1141
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.1942	-0.0123	0.5884
eeg	0.2382	0.0952	0.2579	0.1208	0.4052
eeg-eye	0.8652	0.1348	0.8636	0.7258	0.5194
eeg10%	0.2521	0.0935	0.2314	0.1723	0.7699
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.7397	0.1041	0.7146	0.6638	0.3130
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq	0.9783	0.0217	0.9782	0.9564	0.1388
exon.vs.intron-freq10%	0.9528	0.0472	0.9530	0.9051	0.2440
fakenews	0.5075	0.4925	0.6028	0.0051	0.5275
farm-ads	0.8816	0.1184	0.8823	0.7605	0.4621
fbis-wc	0.7602	0.0282	0.7192	0.7268	0.1930
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5882	0.4118	0.6425	0.0947	0.5112
financial-risk	0.7015	0.0995	0.4419	0.4916	0.2440
fishcatch	0.8125	0.0625	0.8486	0.7659	0.1160
flags	0.6500	0.0875	0.3793	0.5597	0.1873
fonts	0.5183	0.0063	0.2429	0.4843	0.2351
fonts10%	0.4880	0.0067	0.1632	0.4514	0.2806
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.9885	0.0038	0.9881	0.9860	0.0296
gastrointestinal	0.8750	0.0833	0.9107	0.8049	0.1750
gender	0.5895	0.2737	0.4465	0.0065	0.3493
gene	0.9432	0.0379	0.9367	0.9093	0.1584
german	0.7200	0.2800	0.6723	0.2911	0.7145
gestures	0.4546	0.2727	0.3748	0.2717	0.3244
gina	0.8790	0.1210	0.8791	0.7579	0.4891
gisette	0.9543	0.0457	0.9543	0.9086	0.2490
glass	0.7619	0.0794	0.7208	0.6708	0.2563
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8776	0.7551	0.4910
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.4872	0.2771	0.5737
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.9186	0.0136	0.8540	0.9038	0.0938
har	0.4332	0.2267	0.4089	0.2248	0.3235
har70	0.9196	0.0230	0.6856	0.8810	0.1185
har701%	0.9102	0.0257	0.5365	0.8677	0.1253
har7010%	0.9153	0.0242	0.6152	0.8749	0.1195
harth	0.8709	0.0215	0.6213	0.8234	0.1544
harth1%	0.8626	0.0229	0.5848	0.8122	0.1662
harth10%	0.8683	0.0219	0.5999	0.8200	0.1565
hayes-roth	0.6875	0.2083	0.7612	0.5152	0.3343
hcc-survival	0.7059	0.2941	0.7286	0.4295	0.7316
health-activity	0.7700	0.1150	0.2892	0.0519	0.2818
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.8387	0.1613	0.8466	0.6804	0.5410
heart-c	0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure	0.9700	0.0300	0.9653	0.9288	0.1404
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.8013	0.1987	0.8116	0.6026	0.5922
hepmass1%	0.8115	0.1885	0.8195	0.6223	0.5837
hepmass10%	0.8031	0.1969	0.8122	0.6057	0.5948
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.5522	0.4478	0.5928	0.0501	0.5948
higgs0.1%	0.5555	0.4445	0.5864	0.0579	0.6293
higgs1%	0.5543	0.4457	0.5979	0.0531	0.5874
higgs10%	0.5525	0.4475	0.5976	0.0529	0.5879
higher	0.2857	0.1786	0.2315	0.1566	0.2877
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8820	0.1180	0.7686	0.5222	0.5700
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6111	0.2593	0.5223	0.2706	0.6071
hotel-reservartions	0.7834	0.2166	0.7411	0.4487	0.6484
hr	0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor	0.9998	0.0002	0.9998	0.9997	0.0016
ht-sensor10%	0.9203	0.0531	0.9271	0.8808	0.1659
htru2	0.9799	0.0201	0.9375	0.8736	0.2146
hypothyroid	0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7458	0.2542	0.6570	0.2937	0.7766
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8703	0.0100	0.8748	0.8652	0.1071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.8163	0.1837	0.6337	0.1163	0.4816
jvowels	0.9488	0.0114	0.9472	0.9419	0.0818
kc1	0.8768	0.1232	0.7234	0.3800	0.5034
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.5714	0.0357	0.0620	0.2500	0.2142
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7500	0.2500	0.6126	0.2248	0.8173
kdc-4007	0.7781	0.0555	0.7118	0.7409	0.2326
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9351	0.0649	0.5051	0.0074	0.6165
kddcup99	1.0000	0.0000	0.7690	0.9999	0.0003
kddcup991%	0.9984	0.0001	0.4953	0.9973	0.0075
kddcup9910%	0.9998	0.0000	0.6928	0.9996	0.0024
kepler	0.8368	0.1088	0.7951	0.7255	0.2355
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7679	0.0258	0.7929	0.7405	0.2542
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc	0.7365	0.0878	0.7158	0.6626	0.3685
la2s-wc	0.7616	0.0795	0.7605	0.6917	0.3263
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0162	0.3713	0.6600	0.0624
led24	0.7000	0.0600	0.6574	0.6620	0.1230
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9325	0.0052	0.9324	0.9298	0.0782
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.9444	0.0074	0.9583	0.9403	0.0273
linkage	1.0000	0.0000	0.9992	0.9983	0.0054
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0001
liver	0.6471	0.3529	0.6361	0.2635	0.8463
loan	0.9836	0.0164	0.9827	0.9652	0.1231
localization	0.7213	0.0507	0.4995	0.6410	0.3527
localization10%	0.6226	0.0686	0.3902	0.5026	0.4337
lrs	0.8113	0.0377	0.4332	0.7358	0.1371
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5231	0.4769	0.5234	0.0462	0.9809
magic04	0.8574	0.1426	0.8411	0.6801	0.5535
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8235	0.6458	0.6162
marketing	0.8795	0.1205	0.7113	0.3259	0.4539
maternal	0.7525	0.1650	0.7643	0.6261	0.4404
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8333	0.7778	0.1667
mental-health	0.2133	0.3147	0.1700	0.0049	0.5031

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6696	0.3304	0.6673	0.3338	0.8560
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8784	0.8448	0.1220
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9700	0.0060	0.9705	0.9667	0.0377
mfeat-fou	0.7700	0.0460	0.7703	0.7444	0.1902
mfeat-kar	0.9300	0.0140	0.9314	0.9222	0.0858
mfeat-mor	0.6850	0.0630	0.6824	0.6500	0.2017
mfeat-pix	0.9400	0.0120	0.9417	0.9333	0.0672
mfeat-zer	0.7200	0.0560	0.7336	0.6889	0.1822
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5425	0.4475	0.4034
mobile	0.8741	0.0045	0.8837	0.8718	0.0566
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9180	0.0820	0.9116	0.8076	0.2404
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3622	0.1160	0.3687	0.1702	0.3578
musk	0.9515	0.0485	0.9024	0.7965	0.2705
MUT_ci300400a_cdk_ECFP2	0.5935	0.4065	0.5989	0.0318	0.5457
MUT_ci300400a_cdk_ECFP4	0.6024	0.3976	0.6231	0.0541	0.5254
MUT_ci300400a_cdk_ECFP6	0.6766	0.3234	0.6956	0.3705	0.7862
MUT_ci300400a_cdk_ESTATE	0.6966	0.3034	0.6986	0.3923	0.8109
MUT_ci300400a_cdk_EXTENDED	0.7542	0.2458	0.7603	0.5107	0.7170
MUT_ci300400a_cdk_FCFP2	0.5844	0.4156	0.6141	0.0034	0.5066
MUT_ci300400a_cdk_FCFP4	0.5887	0.4113	0.6187	0.0167	0.5057
MUT_ci300400a_cdk_FCFP6	0.6331	0.3669	0.6198	0.1560	0.7114
MUT_ci300400a_cdk_MACCS	0.7254	0.2746	0.7131	0.4210	0.7837
MUT_ci300400a_cdk_PUBCHEM	0.6240	0.3760	0.6793	0.2979	0.7231
MUT_ci300400a_cdk_STANDARD	0.7856	0.2144	0.7804	0.5607	0.6963
MUT_ci300400a_rdkit_descriptors	0.5952	0.4048	0.6109	0.0594	0.5622
myocardial	0.8882	0.0279	0.3966	0.4318	0.0922
naticusdroid	0.9748	0.0252	0.9748	0.9495	0.1585
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA	0.9092	0.0096	0.5248	0.7238	0.1284
ncRNA1%	0.9068	0.0098	0.4821	0.7236	0.2528
ncRNA10%	0.9086	0.0096	0.5044	0.7230	0.2053
neo	0.9108	0.0892	0.6764	0.1658	0.3054
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.7773	0.0101	0.7924	0.7699	0.1665
newspop	0.5961	0.4039	0.5933	0.1863	0.9328
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9675	0.0325	0.9599	0.9197	0.2076
NPHA-doctor-visits	0.4722	0.3519	0.3637	0.0029	0.7148
nursery	0.9961	0.0015	0.7976	0.9943	0.0108
obesity	0.8673	0.0379	0.8673	0.8451	0.1532
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9947	0.0053	0.9925	0.9850	0.0673
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc	0.9010	0.0198	0.9099	0.8862	0.0871
oh10-wc	0.7524	0.0495	0.7675	0.7173	0.2116
oh15-wc	0.8370	0.0326	0.8425	0.8142	0.1523
oh5-wc	0.7582	0.0484	0.8025	0.7259	0.1957

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.7670	0.0466	0.7539	0.7396	0.3016
olive	0.9474	0.0117	0.9298	0.9343	0.0332
opn310k	0.9235	0.0765	0.7313	0.4449	0.5545
opn310k10%	0.9323	0.0677	0.7507	0.4641	0.4675
opnat310k-hg16-17	0.9105	0.0895	0.6407	0.0382	0.2452
optdigits	0.9413	0.0117	0.9436	0.9347	0.0813
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9250	0.0037	0.9250	0.9231	0.0144
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9209	0.0791	0.6211	0.1984	0.5790
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8351	0.1649	0.8122	0.6215	0.6081
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8492	0.1508	0.8536	0.6999	0.5365
p53-mutants	0.9946	0.0054	0.6395	0.2584	0.4959
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9835	0.0066	0.8456	0.9074	0.1438
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.7536	0.2464	0.7305	0.4383	0.7087
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.9234	0.0766	0.9051	0.8103	0.4033
particle10%	0.9123	0.0877	0.8914	0.7829	0.4408
pasture	1.0000	0.0000	1.0000	1.0000	0.0000
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5103	0.4897	0.4957	-0.0085	0.9925
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7895	0.2105	0.7294	0.4576	0.7342
pediatric-leukemia	0.8529	0.0420	0.8755	0.8195	0.1311
pendigits	0.9891	0.0022	0.9890	0.9879	0.0202
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7843	0.2157	0.7667	0.5036	0.6283
personalities	0.5565	0.0554	0.5908	0.5269	0.4479
pet-adoption	0.9350	0.0650	0.9263	0.8477	0.2815
phishing	0.9633	0.0367	0.9615	0.9222	0.1956
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.9846	0.0044	0.9838	0.9820	0.0167
phone-acc0.1%	0.9204	0.0228	0.9163	0.9069	0.0939
phone-acc1%	0.9930	0.0020	0.9927	0.9919	0.0168
phone-acc10%	0.9988	0.0003	0.9987	0.9986	0.0035
phone-gyr	0.9835	0.0047	0.9823	0.9808	0.0180
phone-gyr0.1%	0.9390	0.0174	0.9346	0.9286	0.0777
phone-gyr1%	0.9928	0.0021	0.9922	0.9915	0.0164
phone-gyr10%	0.9990	0.0003	0.9990	0.9989	0.0029
phoneme	0.8759	0.1241	0.8502	0.6998	0.5471
phy	0.6474	0.3526	0.6474	0.2947	0.8828
pima	0.7105	0.2895	0.6891	0.3724	0.8092
pirvision	0.9922	0.0052	0.9863	0.9748	0.0170
placement	0.7780	0.2220	0.7717	0.5434	0.7099
plant-growth	0.7895	0.2105	0.7889	0.5778	0.6844
plrx	0.6111	0.3889	0.4834	-0.0328	0.9365
poker	0.7803	0.0439	0.3155	0.5891	0.1757
poker1%	0.6400	0.0720	0.1730	0.3147	0.2253
poker10%	0.7179	0.0564	0.2177	0.4682	0.1964
polish-1st	0.9787	0.0213	0.8349	0.6061	0.0714
polish-2nd	0.9685	0.0315	0.7455	0.3245	0.0960
polish-3rd	0.9543	0.0457	0.6538	0.2113	0.4104

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9684	0.0316	0.8189	0.6111	0.3297
polish-5th	0.9560	0.0440	0.8042	0.5842	0.3899
polya	0.7330	0.2670	0.7023	0.4026	0.7923
popularity	0.6045	0.2636	0.3686	0.1156	0.5618
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9894	0.0043	0.9892	0.9867	0.0309
pred-tox_mutagen_ref-desc	0.5735	0.4265	0.6030	0.1471	0.7768
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4242	0.0523	0.1767	0.3482	0.2329
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7463	0.2537	0.7158	0.4314	0.7768
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9921	0.0032	0.9867	0.9894	0.0249
puc-rio10%	0.9795	0.0082	0.9598	0.9725	0.0569
pufs-128	0.5006	0.4994	0.5007	0.0012	0.9596
pufs-1281%	0.4922	0.5078	0.4916	-0.0155	0.9802
pufs-12810%	0.5011	0.4989	0.5013	0.0023	0.9729
pufs-64	0.5014	0.4986	0.5015	0.0027	0.9713
pufs-641%	0.5025	0.4975	0.5025	0.0047	0.9770
pufs-6410%	0.5006	0.4994	0.5006	0.0011	0.9749
pulsar	0.9824	0.0176	0.9458	0.8886	0.1431
raisin	0.8667	0.1333	0.8681	0.7333	0.5084
rcv1	0.2385	0.0419	0.0180	-0.0101	0.2739
rcv11%	0.7333	0.0101	0.3276	0.6968	0.2195
rcv110%	0.2493	0.0283	0.0939	0.0091	0.3120
re0-wc	0.7733	0.0349	0.7668	0.7055	0.3490
re1-wc	0.8072	0.0154	0.7027	0.7790	0.1631
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8892	0.0034	0.4684	0.8482	0.2372
rice	0.9863	0.0137	0.9861	0.9722	0.0986
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.9959	0.0007	0.9747	0.9896	0.0057
satimage	0.8849	0.0384	0.8661	0.8576	0.1748
satimageF	0.9876	0.0124	0.9679	0.9359	0.1750
satimageT	0.9362	0.0638	0.7985	0.5625	0.3921
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	1.0000	0.0000	1.0000	1.0000	0.0000
schizo	0.4118	0.5882	0.4054	-0.1765	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.6217	0.1485	0.4505
secondary_mushroom	0.6091	0.3909	0.7020	0.2719	0.5225
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9740	0.0074	0.9772	0.9696	0.0351
segmentation	0.7327	0.2673	0.7720	0.4900	0.6142
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9380	0.0620	0.6847	0.1046	0.1594
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8579	0.1421	0.4618	-0.0199	0.5487
sens-10-gram	0.8583	0.1417	0.5427	0.0379	0.5724
sens-2-gram	0.8763	0.1237	0.6487	0.1479	0.4234
sens-3-gram	0.8605	0.1395	0.5435	0.0391	0.5724
sens-4-gram	0.8605	0.1395	0.5894	0.1319	0.6470
sens-5-gram	0.8684	0.1316	0.6071	0.1284	0.5533
sens-6-gram	0.8605	0.1395	0.5591	0.0641	0.5968

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8605	0.1395	0.5591	0.0641	0.5968
sens-8-gram	0.8632	0.1368	0.5795	0.0936	0.5903
sens-9-gram	0.8684	0.1316	0.6071	0.1284	0.5533
sensorless	0.9918	0.0015	0.9918	0.9910	0.0158
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8881	0.1119	0.7680	0.5302	0.5944
shuttle	0.9997	0.0001	0.9837	0.9990	0.0139
sick	0.9788	0.0212	0.9084	0.7987	0.0728
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9996	0.0004	0.9993	0.9986	0.0102
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1048	0.0011	0.4258
smk_can_187	0.7895	0.2105	0.7889	0.5778	0.6844
smoking	0.6983	0.3017	0.7533	0.4377	0.6109
soil_pollution	0.2100	0.3160	0.2210	0.0043	0.4109
solar-flare	0.7770	0.0743	0.6345	0.7132	0.1697
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.9559	0.0046	0.9674	0.9516	0.0223
spam-detection	0.9550	0.0450	0.8701	0.7396	0.4607
spambase	0.9413	0.0587	0.9385	0.8762	0.2928
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer	0.6038	0.0165	0.3089	0.5814	0.0940
splice-EI	0.9811	0.0189	0.9752	0.9503	0.1652
splice-IE	0.9495	0.0505	0.9326	0.8640	0.3386
sport-articles	0.8100	0.1900	0.8002	0.5992	0.6575
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8935	0.0710	0.8674	0.8277	0.2439
steel-b	0.8205	0.1795	0.7046	0.4005	0.7070
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.7436	0.2564	0.7159	0.4316	0.7795
steel-p	0.9179	0.0821	0.6957	0.3853	0.6193
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9897	0.0103	0.9708	0.9417	0.1621
stellar	0.9598	0.0268	0.9534	0.9277	0.1178
stock	0.8403	0.1597	0.6705	0.2452	0.5418
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9940	0.0060	0.9940	0.9879	0.0407
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.6350	0.1460	0.3465	0.3960	0.4130
student-depression	0.8194	0.1806	0.8124	0.6232	0.6278
student-habits	0.3900	0.2440	0.2482	0.0209	0.3213
student-weekend	0.4000	0.2400	0.3161	0.1383	0.6750
student-workday	0.7031	0.1187	0.2358	0.1485	0.4139
studentap	0.4615	0.3590	0.5141	0.1415	0.5894
susy	0.7595	0.2405	0.7576	0.5098	0.7227
susy1%	0.7720	0.2280	0.7705	0.5351	0.7000
susy10%	0.7653	0.2347	0.7629	0.5247	0.7244
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.6000	0.2667	0.6667	0.4000	0.4056
telco-churn	0.8423	0.1577	0.7840	0.5347	0.5377
texture	0.9564	0.0079	0.9593	0.9519	0.0576

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.8631	0.1369	0.8087	0.6142	0.5837
tis10%	0.7164	0.2836	0.5941	0.1863	0.8513
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4545	0.6364	0.0779
tox_171	0.8235	0.0882	0.8709	0.7671	0.1047
toxicity	0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f	0.8824	0.1176	0.8759	0.7213	0.2987
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6667	0.3333	0.4712	-0.0540	0.9098
trec11-wc	0.8049	0.0434	0.7276	0.7563	0.1772
trec12-wc	0.8387	0.0403	0.8169	0.8053	0.1009
trec21-wc	0.8182	0.0606	0.4642	0.5417	0.1017
trec23-wc	0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc	0.9785	0.0061	0.8441	0.9715	0.0472
trec41-wc	0.9545	0.0091	0.9320	0.9447	0.0702
trec45-wc	0.9275	0.0145	0.8284	0.9154	0.0577
tuandromd	0.9821	0.0179	0.9722	0.9443	0.1640
turkish	0.7500	0.1250	0.7444	0.6667	0.3178
tvnews	0.9457	0.0543	0.9412	0.8817	0.2787
tvnews1%	0.9077	0.0923	0.9020	0.8035	0.4268
tvnews10%	0.8813	0.1187	0.8723	0.7447	0.5003
ur3_cobotops_grip	0.9741	0.0259	0.7430	0.4138	0.3208
ur3_cobotops_stop	0.9728	0.0272	0.7705	0.5110	0.3957
urban	0.8358	0.0365	0.8370	0.8076	0.1518
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%	0.9695	0.0305	0.9671	0.9329	0.2042
ustilago	0.9903	0.0097	0.6678	0.0099	0.0374
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7381	0.1310	0.7025	0.6487	0.1666
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.6667	0.3333	0.6769	0.3333	0.7930
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6061	0.0716	0.6528	0.5667	0.2254
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9088	0.0912	0.5260	0.0011	0.2421
wap-wc	0.7821	0.0218	0.6871	0.7552	0.1611
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.9999	0.0000	0.9999	0.9999	0.0003
watch-acc1%	0.9887	0.0032	0.9885	0.9868	0.0258
watch-acc10%	0.9993	0.0002	0.9992	0.9991	0.0023
watch-gyr	0.9999	0.0000	0.9999	0.9999	0.0003
watch-gyr1%	0.9900	0.0029	0.9898	0.9883	0.0230
watch-gyr10%	0.9993	0.0002	0.9993	0.9992	0.0022
water_pollution	0.2600	0.3700	0.2159	0.0002	0.4327
waveform	0.7840	0.1440	0.7841	0.6760	0.4529
weather-related	0.5865	0.0752	0.5368	0.5096	0.2010
web-phishing	0.8593	0.0938	0.8150	0.7493	0.3913
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9975	0.0010	0.9973	0.9968	0.0084
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9855	0.0145	0.9195	0.8369	0.2405
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6730	0.1090	0.3318	0.4655	0.3517
winequality-white	0.6503	0.0999	0.3678	0.4615	0.4649
winnipeg	0.9781	0.0063	0.9735	0.9723	0.0487
winnipeg10%	0.9856	0.0041	0.9882	0.9817	0.0292
wisc_bc	0.9474	0.0526	0.9478	0.8902	0.2605
yale	0.6875	0.0417	0.6532	0.6667	0.0607
yeast	0.5878	0.0824	0.4078	0.4654	0.3215
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9527	0.0473	0.6386	0.2055	0.4689
zip	0.9237	0.0153	0.9162	0.9144	0.1186

Table 424: Detailed results for RF-TSMC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone19	0.6435	0.3565	0.4946	-0.0008	0.0623
abalone9-18	0.7671	0.2329	0.6509	0.1873	0.4207
accelerometer	0.6696	0.3304	0.6348	0.0609	0.1369
accident	0.5500	0.4500	0.6393	0.1000	0.5239
ads	0.1402	0.8598	0.1230	0.0000	0.3071
adult	0.6890	0.3110	0.7292	0.3841	0.6222
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.4683	0.5317	0.5809	0.0705	0.3724
AID_1431_KlekotaRothFingerprinter	0.0873	0.9127	0.0803	0.0000	0.2120
AID_1431_MACCSFingerprinter	0.5238	0.4762	0.4673	-0.0336	0.4597
AID_1878	0.5810	0.4190	0.5315	0.0525	0.7380
AID_602330	0.4583	0.5417	0.5538	0.0280	0.2159
AID_652128	0.3636	0.4242	0.4263	0.0635	0.3810
AID1284Morered	0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red	0.6389	0.3611	0.5906	0.1397	0.6349
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.3786	0.6214	0.5085	0.0048	0.2763
AID362red	0.7944	0.2056	0.4917	-0.0041	0.1551
AID373AID439red	0.2524	0.7476	0.5561	0.0001	0.0006
AID373red	0.9520	0.0480	0.5645	0.0118	0.0431
AID439Morered	0.8571	0.1429	0.8250	0.5882	0.5283
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID456red	0.4940	0.5060	0.4525	-0.0020	0.0242
AID604	0.6023	0.3977	0.5682	0.0055	0.0285
AID604AID644_AllRed	0.5626	0.4374	0.5152	0.0003	0.0087
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.6000	0.4000	0.5238	0.0476	0.9294
AID687AID721red	0.5723	0.4277	0.6117	0.0016	0.0041
AID687red	0.8328	0.1672	0.4829	-0.0023	0.0423
AID688red	0.3990	0.6010	0.4779	-0.0025	0.0590
AID721morered	0.8889	0.1111	0.8784	0.7273	0.4644
AID721red	0.6667	0.3333	0.5950	0.1818	0.8134
AID746AID1284red	0.8048	0.1952	0.5965	0.0048	0.0145
AID746red	0.4615	0.5385	0.5605	0.0059	0.0366
aids	0.7700	0.2300	0.7746	0.5029	0.6261
air_pollution	0.1133	0.2533	0.1232	-0.0240	0.8351
airline	0.8447	0.1553	0.8423	0.6785	0.5512
alcohol	0.5619	0.1752	0.3366	0.2350	0.6341
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6698	0.3302	0.6857	0.3493	0.7862
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.8665	0.1335	0.6754	0.0969	0.1510
anuran-family	0.8442	0.0779	0.7548	0.7340	0.4085
anuran-genus	0.8595	0.0351	0.7737	0.7873	0.4308
anuran-species	0.9431	0.0114	0.8605	0.9207	0.1130
anxiety	0.1750	0.1833	0.1582	0.0670	0.6468
apple-quality	0.7125	0.2875	0.7126	0.4250	0.8042
aps-failure	0.9471	0.0529	0.7475	0.3692	0.4511
arabidopsis	0.8434	0.1566	0.5121	0.0047	0.1129
arabidopsis0.1%	0.9118	0.0882	0.4769	-0.0161	0.1726
arabidopsis1%	0.4102	0.5898	0.5359	0.0040	0.0467
arabidopsis10%	0.0181	0.9819	0.5046	0.0002	0.0230
arcene	0.7000	0.3000	0.7292	0.4231	0.7161
auction	0.7255	0.2745	0.7187	0.3343	0.5386
audit-risk	0.9359	0.0641	0.9386	0.8697	0.2794

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9429	0.0571	0.9363	0.8645	0.3231
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7000	0.1200	0.7633	0.6273	0.2484
balance	0.5968	0.2688	0.6109	0.4195	0.3826
bank	0.8475	0.1525	0.6754	0.3436	0.6894
banknote	0.9562	0.0438	0.9579	0.9122	0.2070
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8134	0.1866	0.7939	0.5849	0.6486
basehock	0.4975	0.5025	0.3322	0.0000	0.5286
bio	0.9907	0.0093	0.8027	0.5877	0.5350
bio10%	0.9904	0.0096	0.8025	0.5836	0.5370
biodeg	0.7238	0.2762	0.6992	0.3940	0.7961
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
body-perf	0.5224	0.2388	0.5104	0.3632	0.6023
brain-tumor	0.4920	0.5080	0.4919	-0.0148	0.9764
breast-cancer	0.5357	0.4643	0.6826	0.2353	0.5189
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bub10at310k-hg16-17	0.7889	0.2111	0.6788	0.2887	0.5703
bub12at310k-hg16-17	0.8056	0.1944	0.6850	0.3088	0.5850
bub8at310k-hg16-17	0.8152	0.1848	0.6913	0.3247	0.5913
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4880	0.3413	0.3646	0.0390	0.6843
car	0.7989	0.1006	0.5358	0.5708	0.3125
car-insurance	0.7360	0.2640	0.7457	0.4628	0.7004
card	0.8551	0.1449	0.8510	0.6968	0.5304
cardiotocography	0.5399	0.0920	0.6181	0.4818	0.4312
cardiotocography-nsp	0.7934	0.1377	0.7112	0.5403	0.5406
cardiovascular	0.5960	0.4040	0.6319	0.1924	0.7389
cargo2k	0.5990	0.2673	0.6857	0.3897	0.3448
cars	0.7500	0.1667	0.6791	0.5614	0.4143
cas_N6512_cdk_ECFP2	0.5192	0.4808	0.5714	0.0896	0.7743
cas_N6512_rdkit_ATOMPAIR	0.4600	0.5400	0.4418	-0.0035	0.5730
cas_N6512_RDkit_AtomPair_FP	0.4939	0.5061	0.5421	0.0450	0.7713
cas_N6512_rdkit_AVALON	0.5622	0.4378	0.5557	0.1106	0.9596
cas_N6512_RDkit_Avalon_FP	0.5629	0.4371	0.5513	0.0933	0.9296
cas_N6512_rdkit_descriptors	0.5492	0.4508	0.5412	0.0811	0.9673
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5798	0.4202	0.5902	0.1729	0.9154
cas_N6512_rdkit_LAYERED	0.5831	0.4169	0.6105	0.1925	0.8491
cas_N6512_RDkit_Layered_FP	0.5828	0.4172	0.5871	0.1717	0.9310
cas_N6512_rdkit_MACCS	0.6636	0.3364	0.6605	0.3206	0.8662
cas_N6512_RDkit_MACCS_FP	0.6288	0.3712	0.6272	0.2288	0.8436
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.5769	0.4231	0.5703	0.1096	0.8528
cas_N6512_RDkit_pattern_FP	0.5537	0.4463	0.5393	0.0647	0.9056
cas_N6512_rdkit_RDKITFP	0.5469	0.4531	0.5541	0.1050	0.9509
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.9600	0.0400	0.4898	-0.0004	0.1512
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.8848	0.1152	0.5009	0.0016	0.5049
cdc_diabetes	0.4264	0.3824	0.4295	0.1207	0.4439
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.6680	0.3320	0.6039	0.0889	0.3023
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.4564	0.5436	0.5715	0.0419	0.2367
CDS49_AID687_Rdkit-ecfp4-fp	0.5584	0.4416	0.4827	-0.0007	0.0205
census	0.7410	0.2590	0.6477	0.1858	0.4383
census10%	0.1912	0.8088	0.5516	0.0191	0.1734
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.3953	0.6047	0.5608	0.0403	0.2934
cervical-C	0.0581	0.9419	0.0549	0.0000	0.1495
cervical-H	0.1395	0.8605	0.5370	0.0100	0.1336
cervical-S	0.0930	0.9070	0.0851	0.0000	0.2234
children-anemia	0.5746	0.2127	0.3793	0.3694	0.5348
chrom19	0.9638	0.0362	0.6672	0.0456	0.0687
chrom191%	0.9506	0.0494	0.6712	0.0433	0.0641
chrom1910%	0.9787	0.0213	0.6771	0.0840	0.1221
chrom2110%	0.0002	0.9998	0.0002	0.0000	0.0007
chronic-kidney	0.5783	0.4217	0.5806	0.0820	0.4085
churn	0.7190	0.2810	0.6592	0.2995	0.7520
churn-bigml	0.5880	0.4120	0.6196	0.1650	0.5783
ci900367j_MACCS	0.5263	0.4737	0.5419	0.0785	0.9251
circles	0.9620	0.0008	0.9642	0.9616	0.0177
cirrhosis	0.6667	0.2222	0.5900	0.4096	0.5639
cjs	0.2500	0.2500	0.2951	0.1322	0.4621
ckd	0.9500	0.0500	0.9461	0.8864	0.1761
clave	0.5324	0.2338	0.4602	0.3427	0.6359
climate	0.7778	0.2222	0.6014	0.1562	0.5439
cm1	0.7200	0.2800	0.6154	0.1765	0.5752
cmc	0.5374	0.3084	0.5142	0.2871	0.7182
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.5457	0.0826	0.5094	0.4777	0.5585
coil20	0.5972	0.0403	0.6790	0.5762	0.1605
college	0.8831	0.1169	0.8673	0.7258	0.5165
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.7108	0.4171	0.7845
colposcopies-2	0.6897	0.3103	0.6913	0.3741	0.8086
colposcopies-3	0.5862	0.4138	0.5971	0.1869	0.9040
colposcopies-4	0.6552	0.3448	0.6327	0.2526	0.8193
colposcopies-5	0.6897	0.3103	0.6245	0.2209	0.7190
colposcopies-6	0.7931	0.2069	0.8199	0.5797	0.4308
colposcopies-c	0.6897	0.3103	0.6729	0.3185	0.7505
column-2c	0.8387	0.1613	0.8565	0.6737	0.4644
column-3c	0.7742	0.1505	0.7920	0.6472	0.3084
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%	0.4827	0.5173	0.3256	0.0000	0.5300
connect-4	0.9685	0.0210	0.5908	0.3423	0.2916
cottonmeloidogyne	0.6322	0.3678	0.6321	0.2641	0.8982
coupon	0.4345	0.5655	0.5084	0.0017	0.5999
covtype	0.1181	0.2520	0.2381	0.0212	0.6821
covtype10%	0.5065	0.1410	0.2965	0.1960	0.6767
covtypeCD	0.7316	0.2684	0.7386	0.3689	0.5252
covtypeT	0.7483	0.2517	0.6967	0.2544	0.4331
crabs	0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans	0.9991	0.0009	0.8721	0.7424	0.4275
creditcard_trans10%	0.9965	0.0035	0.7567	0.4430	0.5022
crowdsourced	0.5935	0.1355	0.5999	0.4211	0.4715
cryotherapy	0.5556	0.4444	0.5500	0.1000	0.9644
customer-churn	0.8996	0.1004	0.6824	0.2190	0.3589
cybersecurity	0.1600	0.2800	0.1581	-0.0036	0.6508
cyclopentane	0.5556	0.4444	0.5500	0.1000	0.9644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cylinder-bands	0.6296	0.3704	0.6311	0.2593	0.8883
darwin	0.7778	0.2222	0.7778	0.5556	0.7044
dating	0.0994	0.1801	0.0957	-0.0009	0.6549
dbworld	0.4286	0.5714	0.3000	0.0000	0.5288
default	0.5297	0.4703	0.5846	0.1275	0.7082
defect	0.6481	0.3519	0.6551	0.2389	0.6182
dementia	0.9900	0.0100	0.9901	0.9800	0.0680
deposit	0.4183	0.5817	0.6105	0.0978	0.3777
depressed	0.5594	0.4406	0.5788	0.1148	0.6482
dermatology	0.4865	0.1712	0.2313	0.3247	0.2928
dexter	0.5500	0.4500	0.5503	0.1000	0.9662
df_final	0.2500	0.5000	0.1333	0.0000	0.4234
DIA	0.6000	0.4000	0.5876	0.1579	0.8085
diabetes	0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k	0.8046	0.1954	0.6900	0.3072	0.5609
diabetes-risk	0.8523	0.1477	0.7782	0.5562	0.6488
diabetic	0.1586	0.5609	0.3406	0.0075	0.5247
diabetic1%	0.3824	0.4118	0.2873	-0.0614	0.6486
diabetic10%	0.1149	0.5900	0.2780	0.0010	0.4066
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.4859	0.2056	0.4168	0.3319	0.5657
dishonest	0.8750	0.1250	0.8545	0.7091	0.5349
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford	0.6000	0.4000	0.5833	0.1667	0.9308
dna0.1%	0.8532	0.1468	0.4995	-0.0001	0.0434
dna1%	0.7330	0.2670	0.5131	0.0011	0.0301
dota2	0.5084	0.4916	0.5054	0.0107	0.9956
dota210%	0.5330	0.4670	0.5209	0.0320	0.9001
drebin	0.6361	0.3639	0.5638	0.0961	0.8346
dropout	0.6727	0.2182	0.6489	0.4934	0.5421
drug-01	0.1489	0.2432	0.1962	0.0301	0.8059
drug-02	0.3351	0.1900	0.2401	0.1534	0.6688
drug-03	0.1702	0.2766	0.2508	0.0312	0.6788
drug-04	0.2500	0.2143	0.2157	0.1024	0.7281
drug-06	0.3457	0.1869	0.3213	0.2294	0.6512
drug-08	0.3298	0.1915	0.2089	0.1333	0.8054
drug-10	0.3245	0.1930	0.1810	0.1053	0.7673
drug-11	0.4840	0.1474	0.1863	0.0532	0.6676
drug-12	0.3723	0.2092	0.3458	0.1310	0.5557
drug-13	0.4521	0.1565	0.2108	0.1722	0.7776
drug-14	0.4096	0.1687	0.2369	0.1698	0.6838
drug-15	0.3723	0.1793	0.2151	0.0849	0.7171
drug-16	0.4202	0.1933	0.2905	0.2084	0.6667
drug-17	0.1809	0.2340	0.1874	0.0515	0.7716
drybean	0.8802	0.0342	0.8859	0.8553	0.1753
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.6667	0.3333	0.6084	0.1418	0.5012
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2400	0.3800	0.0968	0.0000	0.4056
eeg	0.2047	0.0994	0.2752	0.1623	0.7133
eeg-eye	0.6188	0.3812	0.6137	0.2273	0.9132
eeg10%	0.2081	0.0990	0.2773	0.1647	0.6812
email_phishing	0.6335	0.3665	0.5347	0.0098	0.1058
eucalyptus	0.3699	0.2521	0.3386	0.2149	0.4187

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
euthyroid	0.9272	0.0728	0.7973	0.5945	0.5657
exon.vs.intron-freq10%	0.8290	0.1710	0.8318	0.6591	0.5923
fakenews	0.4900	0.5100	0.4692	-0.0104	0.6743
fertility	0.6000	0.4000	0.6774	0.2000	0.3900
finance	0.4314	0.5686	0.4388	-0.1179	1.0000
forest	0.8654	0.0673	0.8436	0.8156	0.1991
gas	0.8088	0.0637	0.8011	0.7691	0.2628
gastrointestinal	0.5625	0.2917	0.5763	0.3333	0.4986
gender	0.3053	0.4632	0.4534	0.1053	0.6024
gene	0.4827	0.3449	0.4718	0.1928	0.6158
german	0.3600	0.6400	0.5802	0.0108	0.5092
gestures	0.3836	0.3082	0.3903	0.1785	0.7299
gina	0.6427	0.3573	0.6478	0.2805	0.8501
gisette	0.6314	0.3686	0.6325	0.2629	0.8937
glass-g2	0.8125	0.1875	0.8416	0.6364	0.4644
glassBWFP	0.8095	0.1905	0.8132	0.6147	0.6219
glassBWNFP	0.7143	0.2857	0.6786	0.3571	0.8215
glassContainers	0.9545	0.0455	0.8986	0.7755	0.4644
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.6190	0.3810	0.6557	0.1250	0.2575
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.7738	0.2262	0.7993	0.5615	0.5939
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.4694	0.2857	0.3947
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.8000	0.2000	0.7927	0.5588	0.6330
hapt	0.7402	0.0433	0.6473	0.6932	0.3042
har	0.5545	0.1782	0.5530	0.4341	0.5815
har70	0.5723	0.1222	0.5449	0.4856	0.3028
har701%	0.5602	0.1257	0.5291	0.4746	0.2951
har7010%	0.5474	0.1293	0.5451	0.4621	0.3046
harth	0.6898	0.0517	0.4335	0.5897	0.4276
harth1%	0.6782	0.0536	0.4371	0.5748	0.4243
harth10%	0.6716	0.0547	0.4324	0.5679	0.4284
hayes-roth	0.5625	0.2917	0.5994	0.3672	0.5347
hcc-survival	0.7059	0.2941	0.7043	0.4056	0.8063
health-activity	0.4400	0.2800	0.3222	0.1187	0.5314
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.7419	0.2581	0.7448	0.4855	0.7510
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8240	0.1760	0.8219	0.6263	0.5983
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.7849	0.2151	0.7894	0.5698	0.6643
hepmass1%	0.7893	0.2107	0.7939	0.5780	0.6536
hepmass10%	0.7954	0.2046	0.7976	0.5906	0.6583
hERG-121inputs	0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs	0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-9inputs	0.9231	0.0769	0.9110	0.8060	0.4011
higgs	0.5382	0.4618	0.5340	0.0678	0.9768
higgs0.1%	0.5364	0.4636	0.5443	0.0851	0.9548
higgs1%	0.5163	0.4837	0.5119	0.0238	0.9910
higgs10%	0.5591	0.4409	0.5528	0.0863	0.8897
hinselmann	0.3000	0.7000	0.2308	-0.4000	0.7622
hitters	0.7812	0.2188	0.8168	0.5725	0.4545
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0378	0.9622	0.5094	0.0002	0.0956

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
horse	0.5833	0.2778	0.6399	0.3987	0.5542
hotel-reservartions	0.6240	0.3760	0.6857	0.3093	0.7027
hr	0.2667	0.7333	0.5412	0.0269	0.3968
ht-sensor	0.6303	0.2465	0.6374	0.4498	0.5695
ht-sensor10%	0.6066	0.2623	0.6160	0.4138	0.5746
htru2	0.9682	0.0318	0.9068	0.8133	0.3806
hypothyroidT	0.8966	0.1034	0.8125	0.5493	0.5285
ilpd	0.5932	0.4068	0.6153	0.2036	0.8012
immuno-therapy	0.7778	0.2222	0.8000	0.5263	0.5283
instagram	0.9207	0.0397	0.9239	0.8942	0.1239
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.8200	0.1800	0.8255	0.6218	0.5189
isolet	0.5263	0.0364	0.5293	0.5074	0.3440
jm1	0.6915	0.3085	0.5904	0.1732	0.7924
jvowels	0.8133	0.0415	0.8058	0.7884	0.2464
kc1	0.7062	0.2938	0.6393	0.2420	0.6864
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc2	0.8462	0.1538	0.8221	0.6155	0.5822
kddcup98	0.3904	0.6096	0.5023	0.0012	0.2527
kddcup981%	0.8632	0.1368	0.6023	0.1739	0.5518
kddcup9810%	0.0743	0.9257	0.4898	-0.0015	0.1534
kepler	0.7301	0.1799	0.6902	0.5650	0.4827
kidney	0.1675	0.3330	0.1872	-0.0055	0.5677
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.2898	0.0789	0.3541	0.2250	0.7178
krvskp	0.5172	0.4828	0.6046	0.0734	0.5994
labor	0.6667	0.3333	0.7500	0.4000	0.5283
led24	0.5500	0.1000	0.5500	0.4915	0.2185
letter	0.7035	0.0228	0.7123	0.6915	0.2882
leukemia	0.7143	0.1905	0.6667	0.5625	0.2857
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.9167	0.0111	0.9275	0.9104	0.0362
linkage	0.9999	0.0001	0.9955	0.9909	0.0549
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.9999	0.0001	0.9930	0.9859	0.0866
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9532	0.0468	0.9507	0.9010	0.2675
localization	0.1136	0.1612	0.0823	0.0736	0.4706
localization10%	0.1092	0.1620	0.1588	0.0659	0.4773
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.5423	0.4577	0.5430	0.0846	0.9671
magic04	0.7712	0.2288	0.7413	0.4368	0.6281
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.7917	0.2083	0.7929	0.5773	0.6546
marketing	0.5223	0.4777	0.5981	0.1221	0.5508
maternal	0.5941	0.2706	0.6149	0.3895	0.5940
math	0.4500	0.2750	0.6047	0.3210	0.3485
mba	0.5645	0.2903	0.4535	0.1666	0.4977
mental-disorders	0.6667	0.1667	0.7273	0.5556	0.1934
mental-health	0.2333	0.3067	0.2115	0.0429	0.7250
messidor	0.5478	0.4522	0.5560	0.1088	0.9452
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-D	0.9444	0.0278	0.9583	0.9234	0.0743
mfeat-fac	0.8800	0.0240	0.8845	0.8667	0.1188
mfeat-fou	0.6300	0.0740	0.6314	0.5889	0.3592
mfeat-kar	0.8500	0.0300	0.8566	0.8333	0.1631
mfeat-mor	0.6650	0.0670	0.6423	0.6278	0.1987
mfeat-pix	0.8550	0.0290	0.8622	0.8389	0.1569
mfeat-zer	0.6450	0.0710	0.6433	0.6056	0.2809
mice-prot	0.9444	0.0139	0.9467	0.9364	0.0533
milk	0.9151	0.0566	0.9181	0.8686	0.1784
mines	0.5294	0.1882	0.4990	0.4100	0.4412
mobile	0.7692	0.0082	0.7800	0.7650	0.1063
monks-1	0.6727	0.3273	0.6988	0.3391	0.7028
monks-2	0.5410	0.4590	0.6210	0.1859	0.7508
monks-3	0.7857	0.2143	0.7854	0.5709	0.6908
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	0.8733	0.1267	0.8834	0.7441	0.3783
musk	0.7833	0.2167	0.6753	0.3337	0.7123
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5006	0.4994	0.5257	0.0464	0.9341
MUT_ci300400a_cdk_ESTATE	0.5815	0.4185	0.5144	0.0052	0.6375
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.6043	0.3957	0.5741	0.1371	0.9094
MUT_ci300400a_cdk_PUBCHEM	0.6311	0.3689	0.6219	0.2437	0.9010
MUT_ci300400a_cdk_STANDARD	0.5856	0.4144	0.5707	0.1413	0.9441
MUT_ci300400a_rdkit_descriptors	0.6190	0.3810	0.5958	0.1708	0.8722
myocardial	0.0412	0.2397	0.2588	0.0131	0.3400
naticusdroid	0.8554	0.1446	0.8586	0.7108	0.5214
ncRNA	0.7036	0.0312	0.4169	0.4564	0.9869
ncRNA1%	0.5911	0.0430	0.4045	0.3559	0.8846
ncRNA10%	0.5600	0.0463	0.4174	0.3385	0.9011
neo	0.7820	0.2180	0.7424	0.3705	0.5036
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5225	0.4775	0.5175	0.0348	0.9871
NHANES_age_prediction	0.9912	0.0088	0.9835	0.9670	0.1081
nomao	0.7824	0.2176	0.7923	0.5468	0.6168
NPHA-doctor-visits	0.3611	0.4259	0.3098	-0.0619	0.8023
nursery	0.6157	0.1921	0.6012	0.4553	0.4230
obesity	0.5450	0.1300	0.5928	0.4700	0.3306
obs	0.8333	0.0833	0.8577	0.7580	0.2884
occupancy	0.9723	0.0277	0.9639	0.9251	0.2345
Occupancy_Estimation	0.9506	0.0247	0.8774	0.8595	0.2705
olive	0.9298	0.0156	0.9174	0.9123	0.0441
opn310k	0.8448	0.1552	0.6975	0.3574	0.6222
opn310k10%	0.8303	0.1697	0.6932	0.3364	0.6018
opnat310k-hg16-17	0.8355	0.1645	0.6917	0.3414	0.6162
optdigits	0.7651	0.0470	0.7797	0.7391	0.2429
optdigitsZ	0.9662	0.0338	0.9154	0.8192	0.4254
ovarian-cancer	0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr	0.7826	0.2174	0.6943	0.1965	0.3077
ozone8hr	0.7787	0.2213	0.6390	0.2095	0.5306
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7371	0.2629	0.6984	0.3944	0.7912
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7937	0.2063	0.7976	0.5797	0.6276
p53-mutants	0.7584	0.2416	0.6353	0.0265	0.0544

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
p53-mutants10%	0.6656	0.3344	0.6284	0.0125	0.0267
page-blocks	0.9049	0.0380	0.7157	0.6408	0.5125
parkinson	0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons	0.6351	0.3649	0.6078	0.2153	0.9043
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.8194	0.1806	0.8069	0.5973	0.6248
particle10%	0.8469	0.1531	0.8256	0.6444	0.6007
pc1	0.7568	0.2432	0.5910	0.1321	0.5167
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.7210	0.4242	0.7296
pendigits	0.9108	0.0178	0.9134	0.9008	0.1161
period	0.5556	0.4444	0.6897	0.2500	0.5288
period-10f	0.3333	0.6667	0.3415	-0.2857	0.9644
persistency	0.7201	0.2799	0.7057	0.4109	0.8013
personalities	0.6332	0.0459	0.6370	0.6087	0.4425
pet-adoption	0.4700	0.5300	0.6354	0.1438	0.5647
phishing	0.9143	0.0857	0.9128	0.8136	0.2945
PhiUSIIL	0.9954	0.0046	0.9953	0.9905	0.0325
PhiUSIIL10%	0.9958	0.0042	0.9957	0.9913	0.0374
phone-acc	0.3617	0.1824	0.3463	0.2527	0.4460
phone-acc0.1%	0.4426	0.1593	0.4016	0.3505	0.5071
phone-acc1%	0.3544	0.1844	0.3809	0.2498	0.5835
phone-acc10%	0.3689	0.1803	0.3533	0.2592	0.5425
phone-gyr	0.4178	0.1663	0.4156	0.3209	0.5208
phone-gyr0.1%	0.3740	0.1789	0.3880	0.2684	0.5106
phone-gyr1%	0.3394	0.1887	0.3327	0.2310	0.4982
phone-gyr10%	0.4069	0.1695	0.4052	0.3089	0.4707
phoneme	0.7667	0.2333	0.7673	0.5056	0.6673
phy	0.5726	0.4274	0.6005	0.1483	0.7925
pima	0.7500	0.2500	0.7330	0.4612	0.7515
pirvision	0.9321	0.0453	0.8597	0.7990	0.2783
placement	0.7830	0.2170	0.7775	0.5550	0.7010
plant-growth	0.5263	0.4737	0.5444	0.0757	0.9099
plrx	0.4444	0.5556	0.4375	-0.1111	0.8920
poker	0.1354	0.1921	0.1117	0.0048	0.6904
poker1%	0.1893	0.2316	0.1177	0.0238	0.6627
poker10%	0.1512	0.2122	0.1386	-0.0033	0.6040
polish-1st	0.6501	0.3499	0.6097	0.0819	0.2597
polish-2nd	0.5929	0.4071	0.5710	0.0468	0.2484
polish-3rd	0.5914	0.4086	0.5789	0.0597	0.2866
polish-4th	0.7378	0.2622	0.6339	0.1523	0.3907
polish-5th	0.7699	0.2301	0.6321	0.1886	0.5005
polya	0.6357	0.3643	0.6447	0.2756	0.8402
popularity	0.4416	0.3723	0.4035	0.0845	0.7116
post-operative	0.7778	0.2222	0.7568	0.4000	0.4011
postures	0.6964	0.1214	0.6960	0.6207	0.4095
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6847	0.3529	0.8074
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
processed	0.8707	0.1293	0.8740	0.7281	0.4776
profb	0.7164	0.2836	0.6476	0.2629	0.7776
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.5714	0.4286	0.5625	0.1250	0.9528
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.8840	0.0464	0.8365	0.8445	0.2296
puc-rio10%	0.8479	0.0608	0.7823	0.7971	0.2771
pufs-128	0.5007	0.4993	0.5007	0.0014	0.9976
pufs-1281%	0.5043	0.4957	0.5058	0.0089	0.9119

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-12810%	0.4985	0.5015	0.4985	-0.0030	0.9936
pufs-64	0.5005	0.4995	0.5005	0.0008	0.9623
pufs-641%	0.5062	0.4938	0.5075	0.0129	0.9476
pufs-6410%	0.4992	0.5008	0.4992	-0.0015	0.9901
pulsar	0.9697	0.0303	0.9153	0.8288	0.3828
raisin	0.8556	0.1444	0.8629	0.7111	0.4841
rejafada	0.7789	0.2211	0.6925	0.1914	0.3023
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9863	0.0137	0.9861	0.9722	0.0959
rocket	0.6009	0.3991	0.5533	0.0805	0.8564
RT_IOT2022	0.8351	0.0275	0.4979	0.6392	0.2822
satimage	0.8243	0.0586	0.8104	0.7847	0.2484
satimageF	0.9782	0.0218	0.9420	0.8819	0.1881
satimageT	0.8180	0.1820	0.7272	0.3876	0.5847
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6765	0.3235	0.7092	0.3529	0.6751
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.7051	0.2949	0.5107	0.0132	0.4517
secondary_mushroom	0.5549	0.4451	0.5276	0.0450	0.9134
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.9048	0.0272	0.9140	0.8886	0.1060
segmentation	0.7921	0.2079	0.7881	0.5682	0.6720
segmentO	0.9697	0.0303	0.9472	0.8888	0.3193
seismic	0.5775	0.4225	0.6260	0.1133	0.3307
semeion	0.9560	0.0440	0.8700	0.7347	0.3673
sens-1-gram	0.5289	0.4711	0.5365	0.0468	0.5762
sens-10-gram	0.7375	0.2625	0.5934	0.1706	0.7057
sens-2-gram	0.7368	0.2632	0.5761	0.1403	0.7114
sens-3-gram	0.5868	0.4132	0.5606	0.0850	0.5990
sens-4-gram	0.4368	0.5632	0.5357	0.0379	0.5167
sens-5-gram	0.4763	0.5237	0.5024	0.0029	0.5666
sens-6-gram	0.6789	0.3211	0.5466	0.0794	0.6801
sens-7-gram	0.8079	0.1921	0.5688	0.1374	0.7671
sens-8-gram	0.7553	0.2447	0.5606	0.1165	0.7374
sens-9-gram	0.7368	0.2632	0.6010	0.1817	0.6936
sensorless	0.7850	0.0391	0.7891	0.7635	0.2110
sepsis	0.5869	0.4131	0.5871	0.0978	0.4543
shoppers	0.7388	0.2612	0.7055	0.3487	0.6284
sick	0.7374	0.2626	0.6690	0.2119	0.4312
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9195	0.0805	0.8930	0.7769	0.4608
skin10%	0.9134	0.0866	0.8828	0.7581	0.4829
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187	0.6842	0.3158	0.6910	0.3736	0.8166
smoking	0.6987	0.3013	0.7136	0.4056	0.7589
soil_pollution	0.2100	0.3160	0.1970	0.0173	0.6267
solar-flare	0.2446	0.2518	0.2692	0.1357	0.3867
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
spam-detection	0.7325	0.2675	0.7040	0.2846	0.4803
spambase	0.8283	0.1717	0.8183	0.6314	0.5997
spect	0.8148	0.1852	0.7091	0.2373	0.3439
spectf	0.8000	0.2000	0.7807	0.5505	0.6724
splice-EI	0.7508	0.2492	0.6022	0.1628	0.7534
splice-IE	0.5552	0.4448	0.5174	0.0315	0.8343
sport-articles	0.7800	0.2200	0.7824	0.5530	0.6767
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9355	0.0645	0.9363	0.8646	0.2987

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel_industry	0.7029	0.1981	0.6845	0.5414	0.4887
steel-b	0.6513	0.3487	0.6783	0.2920	0.6616
steel-d	0.8718	0.1282	0.6928	0.2473	0.3971
steel-k	0.9538	0.0462	0.9286	0.8571	0.3137
steel-o	0.7333	0.2667	0.7151	0.4285	0.7830
steel-p	0.7949	0.2051	0.7307	0.3457	0.4962
steel-s	0.9744	0.0256	0.8470	0.6925	0.4821
steel-z	0.7590	0.2410	0.7255	0.3336	0.4988
stellar	0.7679	0.1547	0.7697	0.6239	0.4697
stock	0.7153	0.2847	0.6787	0.3151	0.6876
stockb	0.9736	0.0176	0.9745	0.9603	0.0596
streaming	0.7740	0.2260	0.7726	0.5448	0.7119
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-depression	0.6172	0.3828	0.6934	0.2972	0.6456
student-habits	0.2900	0.2840	0.1607	0.0041	0.6488
student-weekend	0.1692	0.3323	0.1926	0.0389	0.6746
student-workday	0.1094	0.3563	0.1770	-0.0131	0.4829
studentap	0.2308	0.5128	0.2544	-0.0317	0.5643
susy	0.7292	0.2708	0.7264	0.4477	0.7717
susy1%	0.7100	0.2900	0.7094	0.4024	0.7713
susy10%	0.7201	0.2799	0.7171	0.4286	0.7834
swarm_aligned	0.9600	0.0400	0.9550	0.9088	0.2580
swarm_flocking	0.9255	0.0745	0.9256	0.8510	0.3523
swarm_grouped	0.9446	0.0554	0.9451	0.8851	0.2743
tae	0.4000	0.4000	0.4101	0.1000	0.7275
telco-churn	0.7344	0.2656	0.6110	0.2036	0.8112
texture	0.8964	0.0188	0.9008	0.8857	0.1188
theorem	0.6088	0.3912	0.6212	0.2328	0.8810
thoracic	0.1489	0.8511	0.1296	0.0000	0.3207
Thyroid_Diff	0.7105	0.2895	0.7725	0.4571	0.5283
tic-tac-toe	0.8211	0.1789	0.8191	0.6254	0.6098
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.4701	0.5299	0.5812	0.1090	0.6825
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tox_171	0.5882	0.2059	0.6122	0.4516	0.4059
toxicity	0.6471	0.3529	0.6136	0.2273	0.8920
toxicity-13f	0.7059	0.2941	0.7249	0.4218	0.7321
transfusion	0.5733	0.4267	0.5907	0.1525	0.7673
tuandromd	0.5269	0.4731	0.6714	0.2136	0.4980
turkish	0.7000	0.1500	0.7021	0.6000	0.3836
tvnews	0.6694	0.3306	0.6982	0.3635	0.7557
tvnews1%	0.7615	0.2385	0.7799	0.5306	0.6514
tvnews10%	0.5883	0.4117	0.6488	0.2462	0.7591
ur3_cobotops_grip	0.7102	0.2898	0.6167	0.0909	0.2592
ur3_cobotops_stop	0.7211	0.2789	0.6447	0.1260	0.2837
urban	0.7612	0.0531	0.7637	0.7237	0.2351
urinalysis	0.4406	0.5594	0.5830	0.0519	0.2503
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9729	0.0271	0.5069	0.0130	0.4790
vehicle	0.7262	0.1369	0.6907	0.6290	0.2945
vehicleVAN	0.9048	0.0952	0.8977	0.7746	0.4230
voice	0.6667	0.3333	0.6769	0.3333	0.7930
vote	0.9535	0.0465	0.9535	0.9069	0.2525
vowel	0.4949	0.0918	0.5446	0.4444	0.3052
vowelZ	0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17	0.5359	0.4641	0.6126	0.1124	0.3988
warpar10p	0.6154	0.0769	0.5647	0.5724	0.1223
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc	0.5184	0.1376	0.5043	0.4373	0.4844
watch-acc1%	0.4951	0.1443	0.4765	0.4053	0.5421
watch-acc10%	0.4851	0.1471	0.4899	0.3990	0.4539
watch-gyr	0.4093	0.1688	0.4335	0.3119	0.5206
watch-gyr1%	0.4595	0.1544	0.4589	0.3708	0.5427
watch-gyr10%	0.3982	0.1720	0.4263	0.2987	0.5534
water_pollution	0.2200	0.3900	0.1785	-0.0334	0.7337
waveform	0.7800	0.1467	0.7883	0.6703	0.4068
weather-related	0.3135	0.1248	0.1602	0.1964	0.4836
web-phishing	0.7926	0.1383	0.6191	0.6141	0.4831
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.4599	0.2161	0.4754	0.3231	0.5859
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9850	0.0075	0.9852	0.9800	0.0343
wilt	0.8012	0.1988	0.7185	0.2731	0.3900
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-white	0.3333	0.2222	0.2897	0.1493	0.7344
winnipeg	0.9498	0.0143	0.9272	0.9367	0.1553
winnipeg10%	0.9267	0.0210	0.9194	0.9072	0.1638
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yeast	0.3378	0.1471	0.4705	0.2562	0.4651
yeastCYT-POX	0.5714	0.4286	0.6395	0.0918	0.2113
yeastEXC	0.9324	0.0676	0.7717	0.4201	0.4711
yeastME1	0.9392	0.0608	0.7807	0.4478	0.4858
yeastME2	0.8716	0.1284	0.6883	0.2942	0.5046
zip	0.8011	0.0398	0.7908	0.7772	0.2527

Table 425: Detailed results for RF(R)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1055	0.0617	0.0818	0.0215	0.4963
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9853	0.0147	0.7383	0.2948	0.0525
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.6330	0.2241	0.6486
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.6098	0.2105	0.8520
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.9108	0.0892	0.8743	0.7397	0.3967
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8762	0.0495	0.7630	0.7245	0.1888
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.9581	0.0419	0.9540	0.9076	0.2319
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9847	0.0076	0.9479	0.9708	0.0375
anuran-genus	0.9875	0.0031	0.9623	0.9794	0.0573
anuran-species	0.9875	0.0025	0.9727	0.9826	0.0191
anxiety	0.0667	0.2074	0.0616	-0.0515	0.8404
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.8222	0.0273	0.4731	0.7150	0.1416

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.6522	0.0290	0.2378	0.6051	0.0508
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.9952	0.0008	0.9927	0.9938	0.0126
babies	0.4435	0.1590	0.1881	0.1237	0.4441
balance	0.9194	0.0538	0.6335	0.8485	0.1327
bank	0.9116	0.0884	0.7712	0.5416	0.5905
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8986	0.1014	0.8917	0.7690	0.3513
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8952	0.1048	0.8885	0.7768	0.4558
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0010	0.0689	0.0508	0.0010	0.0837
bitcoin10%	0.0024	0.0688	0.0584	0.0024	0.1564
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9770	0.0115	0.9673	0.9511	0.0705
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.9130	0.0870	0.9108	0.8216	0.3987
cardiotocography	0.8639	0.0272	0.8603	0.8367	0.1679
cardiotocography-nsp	0.9484	0.0344	0.8995	0.8532	0.1969
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8500	0.1000	0.7960	0.7267	0.3189
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.8062	0.1938	0.8061	0.6115	0.6517
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.8037	0.1963	0.8042	0.6071	0.6543

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8031	0.1969	0.7911	0.5799	0.6714
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7880	0.5456	0.3722
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9542	0.0458	0.6621	0.1930	0.3411
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S	0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%	0.9995	0.0005	0.8653	0.7270	0.3167
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8570	0.1430	0.7565	0.4942	0.5994
churn-bigml	0.9813	0.0187	0.9618	0.9207	0.0708
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.8095	0.1270	0.7809	0.6120	0.2909
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8241	0.0880	0.6691	0.7261	0.4026
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.5000	0.3333	0.5263	0.1429	0.4353
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5226	0.2854	0.7094
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.9271	0.0133	0.7773	0.9110	0.0981
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2	0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3	0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.8276	0.1724	0.7767	0.5511	0.6703
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7333	0.6810	0.2682
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7740	0.2260	0.7746	0.5483	0.7081
coupon	0.7760	0.2240	0.7701	0.5382	0.7071
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.9945	0.0055	0.9884	0.9767	0.0699
covtypeT	0.9883	0.0117	0.9544	0.9087	0.1963
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced	0.9465	0.0178	0.8539	0.8881	0.1047
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.7812	0.0109	0.5898	0.7744	0.0334
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.1808	0.0057	0.8264
cyclopentane	0.6296	0.3704	0.6181	0.2241	0.8800
cylinder-bands	0.8519	0.1481	0.8485	0.6971	0.5615
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8220	0.1780	0.7058	0.3782	0.6513
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9075	0.0925	0.7605	0.5178	0.5913
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.6364	0.3684	0.5443
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8125	0.1250	0.8268	0.7108	0.3168
DIA	0.8833	0.1167	0.8416	0.6316	0.2737
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5588	0.2941	0.3515	0.0825	0.4688
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7950	0.0820	0.7887	0.7100	0.3135
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5417	0.4583	0.4651	-0.0476	0.9193
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5816	0.4184	0.5779	0.1427	0.9083
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7630	0.1580	0.6840	0.6026	0.4590
drug-01	0.3723	0.1793	0.1804	0.0229	0.5316
drug-02	0.4947	0.1444	0.2359	0.0726	0.5903
drug-03	0.6968	0.0866	0.1843	0.0267	0.1913
drug-04	0.5319	0.1337	0.2089	0.0605	0.4577
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.3246	0.2770	0.4238
drug-07	0.4149	0.1672	0.1287	0.0223	0.4349
drug-08	0.5904	0.1170	0.2650	0.2231	0.3841
drug-09	0.8723	0.0365	0.1960	0.0699	0.1044
drug-10	0.5585	0.1261	0.1575	0.1502	0.4246
drug-11	0.8404	0.0456	0.1305	-0.0137	0.2384
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.2401	0.2249	0.3738

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-14	0.6170	0.1094	0.3161	0.3348	0.5385
drug-15	0.7660	0.0669	0.1899	0.0368	0.1787
drug-16	0.5745	0.1216	0.2575	0.2554	0.4135
drug-17	0.3564	0.1839	0.1645	0.0999	0.5010
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9236	0.0218	0.9373	0.9076	0.1250
ecoli	0.7941	0.0515	0.4428	0.7115	0.1176
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3300	0.3350	0.3310	0.1079	0.7888
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.9286	0.0714	0.9278	0.8552	0.3393
eeg10%	0.4738	0.0658	0.4789	0.4136	0.4952
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6986	0.1205	0.6850	0.6093	0.3061
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9656	0.0344	0.9658	0.9309	0.1889
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7647	0.2353	0.7621	0.5173	0.7107
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.9971	0.0010	0.9971	0.9965	0.0067
gastrointestinal	0.8750	0.0833	0.8741	0.7949	0.2147
gender	0.6084	0.2611	0.4376	0.1547	0.5328
gene	0.9432	0.0379	0.9359	0.9092	0.1674
german	0.6900	0.3100	0.6284	0.2211	0.7953
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9625	0.0375	0.9625	0.9251	0.2150
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8571	0.0476	0.7990	0.8062	0.1657
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.5670	0.3713	0.4850
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.9975	0.0010	0.9972	0.9968	0.0074
har70	0.0899	0.2600	0.0236	0.0000	0.3023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har701%	0.9319	0.0195	0.5472	0.8987	0.1020
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.8788	0.0202	0.6105	0.8340	0.1432
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8333	0.1667	0.8501	0.6575	0.3902
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.7073	0.2927	0.7057	0.4111	0.8121
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1556	0.0552	0.3157
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8803	0.1197	0.7668	0.5218	0.5835
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.7222	0.1852	0.6852	0.4813	0.3077
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.9996	0.0003	0.9996	0.9994	0.0024
htru2	0.9760	0.0240	0.9259	0.8512	0.2747
hypothyroid	0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.7627	0.2373	0.6818	0.2677	0.5933
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8246	0.1754	0.6580	0.2477	0.6181
jvowels	0.9829	0.0038	0.9823	0.9807	0.0305
kc1	0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot	0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect	0.6429	0.0298	0.0341	0.1139	0.1206
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8462	0.1538	0.7441	0.4680	0.6202
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9990	0.0002	0.8926	0.9983	0.0012
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.8873	0.0125	0.8878	0.8742	0.1524

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.4412	0.0279	0.2258	0.4191	0.0730
led24	0.6500	0.0700	0.6222	0.6078	0.1637
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9695	0.0023	0.9691	0.9683	0.0366
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8611	0.0185	0.8833	0.8510	0.0663
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7647	0.2353	0.7202	0.4357	0.7504
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.7093	0.0528	0.4511	0.6260	0.3960
lrs	0.8491	0.0302	0.4439	0.7907	0.1068
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.7778	0.0494	0.4018	0.6842	0.0783
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.8846	0.1154	0.8847	0.7692	0.4744
magic04	0.8837	0.1163	0.8707	0.7390	0.4805
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8653	0.7292	0.5220
marketing	0.9018	0.0982	0.7781	0.5259	0.4874
maternal	0.8317	0.1122	0.8360	0.7443	0.3645
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8333	0.7778	0.1667
mental-health	0.2500	0.3000	0.2535	0.0614	0.8356
messidor	0.6696	0.3304	0.6624	0.3246	0.8615
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac	0.9650	0.0070	0.9658	0.9611	0.0416
mfeat-fou	0.8250	0.0350	0.8267	0.8056	0.1339
mfeat-kar	0.9750	0.0050	0.9755	0.9722	0.0316
mfeat-mor	0.6750	0.0650	0.6733	0.6389	0.2011
mfeat-pix	0.9800	0.0040	0.9811	0.9778	0.0225
mfeat-zer	0.8000	0.0400	0.7997	0.7778	0.1204
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6176	0.1529	0.5940	0.5206	0.4050
mobile	0.9650	0.0012	0.9675	0.9644	0.0164
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	1.0000	0.0000	1.0000	1.0000	0.0000
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9636	0.0364	0.9281	0.8474	0.1550
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.7818	0.2182	0.7733	0.5438	0.6969
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.8597	0.1403	0.8562	0.7123	0.5445
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.8697	0.1303	0.8669	0.7337	0.5188
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.9211	0.0083	0.5725	0.7804	0.3343
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6720	0.3280	0.6694	0.3373	0.8538
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.3157	-0.0031	0.5510
nursery	0.9992	0.0003	0.7995	0.9989	0.0024
obesity	0.9573	0.0122	0.9563	0.9502	0.0601
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9951	0.0049	0.9932	0.9864	0.0616
Occupancy_Estimation	0.9961	0.0020	0.9852	0.9880	0.0097
oh0-wc	0.9307	0.0139	0.9347	0.9205	0.0671
oh10-wc	0.8095	0.0381	0.8131	0.7822	0.1628
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9304	0.0696	0.7414	0.4421	0.4737
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9715	0.0057	0.9732	0.9683	0.0418
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9328	0.0672	0.6849	0.2410	0.3595
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8557	0.1443	0.8372	0.6737	0.5677
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9141	0.8256	0.3826
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9854	0.0059	0.8934	0.9162	0.1076
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.9194	0.0806	0.9139	0.8268	0.3712
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.9215	0.0785	0.9023	0.8044	0.4057
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.6396	0.2671	0.6352
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia	0.7647	0.0672	0.6953	0.7059	0.1913
pendigits	0.9964	0.0007	0.9962	0.9960	0.0072
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.9250	0.0214	0.9194	0.9123	0.0864
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.9526	0.0135	0.9485	0.9446	0.0683
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.9241	0.0759	0.9054	0.8104	0.3896
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7042	0.3746	0.7278
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.6215	0.0757	0.1510	0.2847	0.2519
poker10%	0.6968	0.0758	0.2381	0.4295	0.2321
polish-1st	0.9659	0.0341	0.6954	0.2409	0.2550
polish-2nd	0.9626	0.0374	0.6846	0.3284	0.4859
polish-3rd	0.9457	0.0543	0.4860	-0.0118	0.5026
polish-4th	0.9612	0.0388	0.7724	0.5179	0.4229
polish-5th	0.9594	0.0406	0.8195	0.6053	0.3147
polya	0.7946	0.2054	0.7696	0.5298	0.6703
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7059	0.4118	0.8134
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.2727	0.0661	0.1054	0.1976	0.2498
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6866	0.3134	0.6250	0.2456	0.8615
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9928	0.0029	0.9875	0.9903	0.0205
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.5142	0.4858	0.5142	0.0283	0.9915
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8778	0.1222	0.8786	0.7556	0.4852
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
re0-wc	0.8867	0.0174	0.8625	0.8501	0.1094
re1-wc	0.8494	0.0120	0.6319	0.8276	0.1015
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.7184	0.2816	0.7085	0.4171	0.8027
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.9098	0.0301	0.8972	0.8884	0.1396
satimageF	0.9907	0.0093	0.9760	0.9519	0.1413
satimageT	0.9425	0.0575	0.8211	0.6118	0.3528
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5588	0.4412	0.5616	0.1176	0.9407
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9654	0.0099	0.9696	0.9595	0.0466
segmentation	0.8762	0.1238	0.8647	0.7294	0.5155
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8789	0.1211	0.6856	0.1312	0.2567
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9998	0.0000	0.9998	0.9998	0.0004
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9027	0.0973	0.7989	0.5915	0.5413
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9788	0.0212	0.9093	0.8149	0.2550
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9998	0.0002	0.9998	0.9995	0.0044
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1691	0.0000	0.5097
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2133	0.3147	0.2135	0.0152	0.8626
solar-flare	0.7626	0.0791	0.6159	0.6932	0.1874
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9543	0.0457	0.9522	0.9039	0.2438
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer	0.6346	0.0271	0.5232	0.6116	0.1201
splice-EI	0.9748	0.0252	0.9674	0.9342	0.2081
splice-IE	0.9558	0.0442	0.9402	0.8800	0.3080
sport-articles	0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel_industry	0.9181	0.0546	0.8960	0.8667	0.2043
steel-b	0.9026	0.0974	0.8447	0.6809	0.4637
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8256	0.1744	0.8057	0.6108	0.6337
steel-p	0.9436	0.0564	0.7817	0.5324	0.4232
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9795	0.0205	0.9450	0.8886	0.3044
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9306	0.0694	0.8772	0.7503	0.3987
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1760	0.0222	0.5651
student-weekend	0.4154	0.2338	0.2262	0.0909	0.4150
student-workday	0.7188	0.1125	0.2529	0.1742	0.2946
studentap	0.4615	0.3590	0.3373	0.1415	0.4636
susy1%	0.8038	0.1962	0.8027	0.6007	0.6439
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9855	0.0026	0.9862	0.9840	0.0229
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8881	0.1119	0.8417	0.6604	0.4201
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7536	0.3929	0.4155
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.4811	-0.0345	0.9007
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec41-wc	0.9432	0.0114	0.8297	0.9307	0.0623
trec45-wc	0.9420	0.0116	0.8572	0.9320	0.0426
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.8000	0.1000	0.7960	0.7333	0.2330
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9385	0.0615	0.9338	0.8656	0.2918
tvnews10%	0.9083	0.0917	0.9007	0.8009	0.4158
ur3_cobotops_grip	0.9769	0.0231	0.7781	0.5041	0.3047
ur3_cobotops_stop	0.9728	0.0272	0.7664	0.4878	0.3563
urban	0.8358	0.0365	0.8366	0.8066	0.1400
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vehicle	0.7857	0.1071	0.7475	0.7108	0.1989
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.7576	0.0441	0.7863	0.7333	0.1375
vowelZ	0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9862	0.0040	0.9858	0.9838	0.0284
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.9875	0.0036	0.9874	0.9854	0.0269
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2400	0.3800	0.2383	-0.0140	0.8684
waveform	0.8520	0.0987	0.8522	0.7780	0.3478
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8741	0.0840	0.8255	0.7750	0.3711
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9834	0.0166	0.9068	0.8096	0.2500
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.7107	0.0964	0.3474	0.5295	0.3346
winequality-white	0.7014	0.0853	0.4379	0.5323	0.3217
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.7500	0.0333	0.7318	0.7322	0.0613
yeast	0.6081	0.0784	0.4410	0.4932	0.3496
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.9602	0.0080	0.9565	0.9554	0.0665

Table 426: Detailed results for RF(SK)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1247	0.0604	0.1002	0.0730	0.5972
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9490	0.0510	0.7153	0.3322	0.4627
accident	0.6000	0.4000	0.6000	0.2000	0.9288
ads	0.9787	0.0213	0.9549	0.9090	0.1832
adult	0.8081	0.1919	0.7933	0.5562	0.6246
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7714	0.2286	0.5417	0.0776	0.8189
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8889	0.0741	0.4663	0.1398	0.1423
AID1284Morered	0.8056	0.1944	0.6259	0.2500	0.7444
AID1284red	0.8611	0.1389	0.6850	0.3662	0.6914
AID1608Morered	0.8932	0.1068	0.6051	0.2094	0.6663
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9813	0.0187	0.4953	-0.0071	0.5505
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.7056	0.3995	0.4683
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604	0.9853	0.0147	0.7287	0.3013	0.3805
AID604AID644_AllRed	0.9985	0.0015	0.4996	-0.0007	0.5338
AID644Morered	0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9958	0.0042	0.4989	-0.0017	0.5306
AID688red	0.9772	0.0228	0.4942	-0.0111	0.4805
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9983	0.0017	0.4996	-0.0008	0.5343
AID746red	0.9393	0.0607	0.5946	0.0708	0.1927
aids	0.8920	0.1080	0.8568	0.7130	0.5261
air_pollution	0.3667	0.1810	0.1543	-0.0012	0.7162
air-booking	0.7608	0.2392	0.6681	0.3073	0.6919
airline	0.9598	0.0402	0.9591	0.9180	0.2252
alcohol	0.8286	0.0686	0.6762	0.6238	0.2424
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9488	0.0512	0.9438	0.8864	0.2600
anneal	0.9663	0.0135	0.9674	0.9317	0.1118
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9777	0.0111	0.9479	0.9575	0.0562
anuran-genus	0.9819	0.0045	0.9381	0.9704	0.1077
anuran-species	0.9819	0.0036	0.9612	0.9749	0.0529
anxiety	0.1000	0.2000	0.0975	-0.0139	0.8393
apple-quality	0.8700	0.1300	0.8707	0.7400	0.5068
aps-failure	0.9758	0.0242	0.8089	0.5633	0.5382
arabidopsis	0.8780	0.1220	0.6323	0.0732	0.1533
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9664	0.0336	0.5802	0.1116	0.3570

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia	0.8222	0.0273	0.6046	0.7341	0.1867
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.7826	0.0181	0.3103	0.7516	0.0318
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7569	0.8693	0.0956
avila	0.9971	0.0005	0.9955	0.9963	0.0146
babies	0.3387	0.1889	0.1892	0.0963	0.6533
balance	0.8065	0.1290	0.6558	0.6748	0.3418
bank	0.8555	0.1445	0.7823	0.5083	0.5807
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9101	0.0899	0.9033	0.7973	0.3414
basehock	0.9849	0.0151	0.9849	0.9698	0.1051
bio	0.9964	0.0036	0.8992	0.7982	0.3640
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.9143	0.0857	0.9097	0.8191	0.4034
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.6077	0.0271	0.0845	0.0472	0.3997
bitcoin1%	0.9091	0.0063	0.0937	0.1346	0.2586
bitcoin10%	0.9758	0.0017	0.1224	0.3648	0.3426
body-perf	0.7299	0.1351	0.7306	0.6398	0.4129
bookings	0.9809	0.0127	0.7911	0.9600	0.1030
brain-tumor	0.4830	0.5170	0.4830	-0.0340	1.0000
breast-cancer	0.7143	0.2857	0.7058	0.3913	0.7528
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.9000	0.0286	0.6767	0.8571	0.0295
bub10at310k-hg16-17	0.8280	0.1720	0.6942	0.3388	0.6045
bub12at310k-hg16-17	0.9128	0.0872	0.6926	0.3709	0.6085
bub8at310k-hg16-17	0.9041	0.0959	0.6936	0.3859	0.6481
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4170	0.3887	0.2898	-0.0650	0.7187
car	0.9425	0.0287	0.9195	0.8822	0.2314
car-insurance	0.8320	0.1680	0.8153	0.6263	0.6236
card	0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography	0.8779	0.0244	0.8764	0.8546	0.1689
cardiotocography-nsp	0.9155	0.0563	0.8542	0.7810	0.3808
cardiovascular	0.7391	0.2609	0.7402	0.4782	0.7606
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.7253	0.6199	0.4605
cas_N6512_cdk_ECFP2	0.7527	0.2473	0.7539	0.5058	0.7404
cas_N6512_rdkit_ATOMPAIR	0.7631	0.2369	0.7629	0.5251	0.7281
cas_N6512_RDkit_AtomPair_FP	0.7776	0.2224	0.7770	0.5537	0.7049
cas_N6512_rdkit_AVALON	0.8111	0.1889	0.8109	0.6212	0.6425
cas_N6512_RDkit_Avalon_FP	0.8236	0.1764	0.8253	0.6477	0.6096
cas_N6512_rdkit_descriptors	0.7938	0.2062	0.7944	0.5874	0.6728
cas_N6512_rdkit_FEATMORGAN	0.7343	0.2657	0.7331	0.4661	0.7744
cas_N6512_RDkit_Featmorgan_FP	0.7761	0.2239	0.7763	0.5516	0.7052
cas_N6512_RDkit_FP	0.7776	0.2224	0.7780	0.5548	0.7022
cas_N6512_rdkit_LAYERED	0.8031	0.1969	0.8061	0.6075	0.6450
cas_N6512_RDkit_Layered_FP	0.7669	0.2331	0.7663	0.5323	0.7228

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7911	0.2089	0.7893	0.5778	0.6797
cas_N6512_RDkit_MACCS_FP	0.7975	0.2025	0.7996	0.5959	0.6599
cas_N6512_rdkit_MORGAN	0.8077	0.1923	0.8071	0.6139	0.6504
cas_N6512_RDkit_morgan_FP	0.7883	0.2117	0.7882	0.5758	0.6848
cas_N6512_rdkit_PATTERN	0.7938	0.2062	0.7946	0.5876	0.6720
cas_N6512_RDkit_pattern_FP	0.7899	0.2101	0.7903	0.5794	0.6804
cas_N6512_rdkit_RDKITFP	0.8111	0.1889	0.8110	0.6213	0.6424
cas_N6512_rdkit_TORSION	0.7631	0.2369	0.7650	0.5272	0.7211
ccds	0.9133	0.0867	0.6827	0.3172	0.5460
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9630	0.0370	0.6592	0.2409	0.4286
cdc_diabetes	0.6718	0.2188	0.4727	0.2691	0.5272
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7107	0.3027	0.6871	0.3677	0.8012
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9656	0.0344	0.7806	0.5585	0.5044
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9202	0.0798	0.5820	0.1639	0.6409
CDS49_AID687_Rdkit-ecfp4-fp	0.9973	0.0027	0.4993	-0.0005	0.3640
census	0.8852	0.1148	0.7507	0.4316	0.5544
census10%	0.8209	0.1791	0.7148	0.3084	0.4693
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9419	0.0581	0.8278	0.5889	0.5302
cervical-S	0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia	0.9384	0.0308	0.9209	0.9081	0.1454
chrom19	0.9997	0.0003	0.9185	0.8341	0.3723
chrom191%	0.9982	0.0018	0.8232	0.5707	0.5239
chrom1910%	0.9991	0.0009	0.8132	0.6186	0.5081
chrom21	0.9998	0.0002	0.7027	0.1538	0.0012
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8500	0.1500	0.7657	0.5313	0.6570
churn-bigml	0.9700	0.0300	0.9389	0.8773	0.2552
ci900367j_MACCS	0.7158	0.2842	0.7162	0.4242	0.7793
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.7620	0.5753	0.3543
cjs	0.9929	0.0024	0.9931	0.9913	0.0188
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8120	0.0940	0.7109	0.7155	0.4375
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5578	0.2948	0.5441	0.3186	0.6657
cnae-9	0.9444	0.0123	0.9475	0.9375	0.0577
codon_usage	0.9256	0.0135	0.7802	0.9093	0.1090
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9236	0.8433	0.3725
collins	0.8400	0.0213	0.8487	0.8245	0.0986
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7609	0.6847	0.2903

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5090	0.4682	0.5147	0.0317	0.7804
comedy_comparisons1%	0.5083	0.4917	0.5165	0.0298	0.9545
comedy_comparisons10%	0.5777	0.4223	0.5771	0.1543	0.9476
connect-4	0.9543	0.0305	0.6598	0.4582	0.5034
cottonmeloidogyne	0.7644	0.2356	0.7668	0.5294	0.7147
coupon	0.7524	0.2476	0.7481	0.4961	0.7499
covid19	0.2239	0.2217	0.2594	0.0967	0.7389
covtype	0.9419	0.0166	0.9081	0.9073	0.2188
covtype10%	0.8482	0.0434	0.7849	0.7598	0.3894
covtypeCD	0.9871	0.0129	0.9735	0.9466	0.1900
covtypeT	0.9810	0.0190	0.9322	0.8624	0.3439
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans	0.9995	0.0005	0.9188	0.8349	0.2005
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9364	0.0212	0.8706	0.8718	0.2427
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.5312	0.0234	0.3814	0.5171	0.0716
customer-churn	0.9642	0.0358	0.7275	0.4155	0.5456
cybersecurity	0.1500	0.2833	0.1520	-0.0185	0.8949
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7963	0.2037	0.7970	0.5903	0.6643
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1028	0.1794	0.1029	0.0032	0.9273
day1%	0.9595	0.0405	0.9558	0.9116	0.2344
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7920	0.2080	0.7151	0.4280	0.7378
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8410	0.1590	0.7706	0.4827	0.5869
depressed	0.8042	0.1958	0.4996	-0.0005	0.7432
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.3750	0.4167	0.3028	0.0000	0.4609
dexter	0.9333	0.0667	0.9372	0.8667	0.2500
df_final	0.6875	0.2083	0.7526	0.5455	0.2458
DIA	0.8500	0.1500	0.7938	0.5000	0.3145
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k	0.9417	0.0583	0.8431	0.6759	0.5364
diabetes-risk	0.9118	0.0882	0.8717	0.7418	0.4946
diabetic	0.5130	0.3247	0.4532	0.1983	0.7460
diabetic1%	0.5686	0.2876	0.4779	0.2392	0.7163
diabetic10%	0.5295	0.3137	0.4628	0.1970	0.7516
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7666	0.0934	0.7612	0.6708	0.3459
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5417	0.4583	0.5078	0.0149	0.9759
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9890	0.0110	0.6170	0.1658	0.3626
dna10%	0.9972	0.0028	0.6312	0.0099	0.0321
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota2	0.5925	0.4075	0.5909	0.1818	0.9357
dota210%	0.5718	0.4282	0.5697	0.1392	0.9526
drebin	0.9834	0.0166	0.9821	0.9642	0.1124
dropout	0.7607	0.1595	0.7117	0.6127	0.4552

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.2872	0.2036	0.2230	0.0460	0.8005
drug-02	0.4628	0.1535	0.2949	0.2714	0.7454
drug-03	0.5532	0.1277	0.2005	0.1810	0.6139
drug-04	0.4096	0.1687	0.2333	0.1760	0.8118
drug-05	0.6064	0.1125	0.1208	-0.0503	0.6405
drug-06	0.3883	0.1748	0.2992	0.2520	0.6499
drug-07	0.3777	0.1778	0.1589	0.0592	0.5184
drug-08	0.4096	0.1687	0.2304	0.1667	0.6777
drug-09	0.7872	0.0608	0.1611	0.0380	0.4253
drug-10	0.5213	0.1368	0.3062	0.2759	0.7212
drug-11	0.7074	0.0836	0.1960	0.1489	0.8194
drug-12	0.6543	0.0988	0.2420	0.1654	0.6130
drug-13	0.5798	0.1201	0.2113	0.3126	0.7530
drug-14	0.5585	0.1261	0.3439	0.3573	0.6371
drug-15	0.5851	0.1185	0.1938	0.1390	0.8143
drug-16	0.5213	0.1368	0.2673	0.3185	0.5723
drug-17	0.2872	0.2036	0.2169	0.1193	0.7891
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.6011	0.1140	0.1661	0.1111	0.6285
drybean	0.9184	0.0233	0.9326	0.9014	0.1314
ecoli	0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2200	0.3900	0.2265	-0.0376	0.8347
eeg	0.5536	0.0558	0.5727	0.5086	0.5655
eeg-eye	0.9085	0.0915	0.9076	0.8144	0.4027
eeg10%	0.4501	0.0687	0.4536	0.3948	0.5908
email_phishing	0.9810	0.0190	0.6827	0.3612	0.5617
eucalyptus	0.6712	0.1315	0.6551	0.5821	0.3493
euthyroid	0.9715	0.0285	0.9184	0.8367	0.3176
exon.vs.intron-freq	0.9791	0.0209	0.9792	0.9581	0.1304
exon.vs.intron-freq10%	0.9593	0.0407	0.9598	0.9182	0.2062
fakenews	0.5100	0.4900	0.5099	0.0197	0.9943
farm-ads	0.9010	0.0990	0.9019	0.7996	0.4034
fbis-wc	0.8537	0.0172	0.8164	0.8342	0.1103
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.6863	0.3137	0.6813	0.3615	0.8390
financial-risk	0.8980	0.0340	0.6701	0.8380	0.1710
fishcatch	0.8750	0.0417	0.9249	0.8462	0.0696
flags	0.6000	0.1000	0.4645	0.5107	0.2233
fonts	0.7800	0.0029	0.6392	0.7711	0.4658
fonts10%	0.5294	0.0062	0.3107	0.5128	0.6314
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.9964	0.0012	0.9965	0.9956	0.0090
gastrointestinal	0.7500	0.1667	0.7551	0.5924	0.3347
gender	0.5747	0.2835	0.4748	0.2101	0.7205
gene	0.9401	0.0400	0.9334	0.9045	0.1800
german	0.7100	0.2900	0.6683	0.3318	0.8243
gestures	0.9187	0.0407	0.9187	0.8915	0.1817
gina	0.9539	0.0461	0.9542	0.9078	0.2461
gisette	0.9671	0.0329	0.9672	0.9343	0.1922
glass	0.7619	0.0794	0.7621	0.6789	0.2445
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.5056	0.2151	0.5307
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7667	0.2333	0.7139	0.4262	0.7592
hapt	0.9698	0.0050	0.9194	0.9643	0.0436
har	0.9949	0.0020	0.9943	0.9936	0.0146
har70	0.7642	0.0674	0.6208	0.6910	0.2703
har701%	0.8549	0.0415	0.5932	0.7981	0.3217
har7010%	0.8114	0.0539	0.6139	0.7451	0.3014
harth	0.8772	0.0205	0.6973	0.8353	0.2443
harth1%	0.7867	0.0355	0.5766	0.7181	0.3179
harth10%	0.8772	0.0205	0.6741	0.8346	0.2529
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.8137	0.2000	0.8213	0.6069	0.6018
hepmass1%	0.8554	0.1446	0.8561	0.7110	0.5431
hepmass10%	0.8608	0.1392	0.8613	0.7217	0.5319
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs	0.5497	0.4405	0.5918	0.0494	0.5918
higgs0.1%	0.6973	0.3027	0.6958	0.3916	0.8254
higgs1%	0.7171	0.2829	0.7159	0.4317	0.7991
higgs10%	0.7420	0.2580	0.7412	0.4824	0.7629
higher	0.2857	0.1786	0.1902	0.1617	0.2966
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9140	0.0860	0.8577	0.7127	0.5200
hiva	0.9527	0.0473	0.6312	0.2614	0.6099
horse	0.6389	0.2407	0.6208	0.3842	0.5819
hotel-reservartions	0.9019	0.0981	0.8889	0.7777	0.4549
hr	0.8456	0.1544	0.5272	0.0337	0.6757
ht-sensor	1.0000	0.0000	1.0000	0.9999	0.0003
ht-sensor10%	0.9990	0.0006	0.9991	0.9985	0.0053
htru2	0.9743	0.0257	0.9246	0.8489	0.3357
hypothyroid	0.9867	0.0066	0.7285	0.9240	0.1169
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6610	0.3390	0.5868	0.1737	0.8848
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8999	0.0077	0.9048	0.8959	0.0811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
jm1	0.7603	0.2397	0.6733	0.3368	0.7515
jvowels	0.9689	0.0069	0.9667	0.9647	0.0510
kc1	0.8389	0.1611	0.7170	0.4314	0.6991
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.5000	0.0417	0.0758	0.2950	0.0679
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6935	0.3863	0.7537
kdc-4007	0.7855	0.0536	0.6905	0.7497	0.2979
kddcup98	0.6506	0.3494	0.5479	0.0434	0.3409
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.8743	0.1257	0.5226	0.0421	0.5822
kddcup99	1.0000	0.0000	0.7803	1.0000	0.0003
kddcup991%	0.9990	0.0001	0.5497	0.9983	0.0086
kddcup9910%	0.9910	0.0008	0.7168	0.9847	0.0751
kepler	0.8933	0.0711	0.8549	0.8242	0.2042
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7680	0.0135	0.7727	0.7276	0.3253
krvskp	0.9843	0.0157	0.9844	0.9686	0.1069
la1s-wc	0.8984	0.0339	0.8864	0.8721	0.1788
la2s-wc	0.8775	0.0408	0.8635	0.8462	0.2120
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0132	0.3978	0.7216	0.0590
led24	0.7500	0.0500	0.7151	0.7183	0.0974
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9490	0.0039	0.9490	0.9469	0.0593
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8611	0.0185	0.8830	0.8509	0.0619
linkage	1.0000	0.0000	0.9986	0.9971	0.0191
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.9999	0.0001	0.9964	0.9928	0.0211
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9859	0.0141	0.9850	0.9701	0.1050
localization	0.7070	0.0533	0.5643	0.6448	0.5612
localization10%	0.6371	0.0660	0.4715	0.5584	0.6513
lrs	0.8302	0.0340	0.4233	0.7671	0.1405
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.7692	0.2308	0.7704	0.5385	0.7122
magic04	0.8764	0.1236	0.8633	0.7261	0.5132
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8839	0.1161	0.7633	0.5261	0.6270
maternal	0.7624	0.1584	0.7705	0.6386	0.4510
math	0.8250	0.0875	0.8104	0.7429	0.2762
mba	0.7645	0.1570	0.4860	0.3943	0.4821
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2467	0.3013	0.2488	0.0582	0.8437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
messidor	0.6783	0.3217	0.6752	0.3499	0.8475
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9550	0.0090	0.9558	0.9500	0.0542
mfeat-fou	0.8100	0.0380	0.8118	0.7889	0.1519
mfeat-kar	0.9750	0.0050	0.9756	0.9722	0.0315
mfeat-mor	0.6900	0.0620	0.6917	0.6556	0.1982
mfeat-pix	0.9750	0.0050	0.9768	0.9722	0.0284
mfeat-zer	0.7550	0.0490	0.7588	0.7278	0.1605
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5599	0.4820	0.4480
mobile	0.9615	0.0014	0.9652	0.9608	0.0170
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9344	0.0656	0.9269	0.8514	0.3077
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4844	0.0937	0.5399	0.4035	0.5554
musk	0.9667	0.0333	0.9344	0.8671	0.2423
MUT_ci300400a_cdk_ECFP2	0.7938	0.2062	0.7931	0.5831	0.6722
MUT_ci300400a_cdk_ECFP4	0.8180	0.1820	0.8189	0.6331	0.6212
MUT_ci300400a_cdk_ECFP6	0.8024	0.1976	0.7988	0.5969	0.6640
MUT_ci300400a_cdk_ESTATE	0.7482	0.2518	0.7488	0.4934	0.7433
MUT_ci300400a_cdk_EXTENDED	0.8441	0.1559	0.8426	0.6833	0.5754
MUT_ci300400a_cdk_FCFP2	0.7880	0.2120	0.7886	0.5729	0.6782
MUT_ci300400a_cdk_FCFP4	0.7806	0.2194	0.7808	0.5576	0.6925
MUT_ci300400a_cdk_FCFP6	0.8094	0.1906	0.8087	0.6144	0.6432
MUT_ci300400a_cdk_MACCS	0.8285	0.1715	0.8266	0.6515	0.6095
MUT_ci300400a_cdk_PUBCHEM	0.8443	0.1557	0.8414	0.6821	0.5787
MUT_ci300400a_cdk_STANDARD	0.8335	0.1665	0.8299	0.6594	0.6031
MUT_ci300400a_rdkit_descriptors	0.8596	0.1404	0.8585	0.7156	0.5399
myocardial	0.8824	0.0294	0.3047	0.4285	0.2184
naticusdroid	0.9669	0.0331	0.9669	0.9339	0.1952
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.5000	0.1111	0.3030	0.4375	0.0440
ncRNA	0.9341	0.0069	0.7532	0.8381	0.7957
ncRNA1%	0.7363	0.0278	0.4572	0.4991	0.8557
ncRNA10%	0.9182	0.0086	0.6579	0.7965	0.8848
neo	0.8819	0.1181	0.7609	0.4928	0.6147
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.8718	0.0058	0.8759	0.8678	0.0962
newspop	0.6741	0.3259	0.6717	0.3425	0.8528
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9658	0.0342	0.9584	0.9167	0.2363
NPHA-doctor-visits	0.3611	0.4259	0.3526	-0.0222	0.7533
nursery	0.9799	0.0080	0.7699	0.9707	0.0681
obesity	0.9431	0.0162	0.9456	0.9336	0.0700
obs	0.9815	0.0093	0.9872	0.9727	0.0458
occupancy	0.9917	0.0083	0.9886	0.9769	0.1003
Occupancy_Estimation	0.9941	0.0030	0.9783	0.9819	0.0134
oh0-wc	0.9505	0.0099	0.9502	0.9435	0.0600
oh10-wc	0.8000	0.0400	0.7905	0.7742	0.1832
oh15-wc	0.8804	0.0239	0.8869	0.8644	0.1208
oh5-wc	0.8901	0.0220	0.9047	0.8760	0.1172

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ohscal-wc	0.7975	0.0405	0.7862	0.7736	0.2780
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.8580	0.1420	0.7145	0.3941	0.6229
opn310k10%	0.9142	0.0858	0.7345	0.4691	0.6226
opnat310k-hg16-17	0.8603	0.1397	0.7186	0.4023	0.6221
optdigits	0.9609	0.0078	0.9625	0.9565	0.0572
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr	0.9170	0.0830	0.6464	0.2808	0.6346
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8660	0.1340	0.8548	0.7079	0.5462
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8837	0.7626	0.4657
p53-mutants	0.9940	0.0060	0.7478	0.4836	0.5398
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9744	0.0102	0.8848	0.8656	0.3636
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9052	0.0948	0.8989	0.7977	0.4265
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.9364	0.0636	0.9228	0.8450	0.3642
particle10%	0.9162	0.0838	0.8992	0.7973	0.4345
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.6790	0.3567	0.6383
pcmac	0.4536	0.5464	0.4208	-0.1557	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia	0.8235	0.0504	0.7646	0.7821	0.1427
pendigits	0.9891	0.0022	0.9890	0.9879	0.0189
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.6582	0.3077	0.8309
persistency	0.8338	0.1662	0.8222	0.6442	0.6106
personalities	0.9730	0.0034	0.9730	0.9712	0.0480
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9551	0.0449	0.9528	0.9056	0.2507
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.9685	0.0045	0.9882	0.9863	0.0169
phone-acc0.1%	0.8752	0.0357	0.8699	0.8540	0.1225
phone-acc1%	0.9567	0.0124	0.9531	0.9494	0.0546
phone-acc10%	0.8522	0.0422	0.8492	0.8271	0.1504
phone-gyr	0.9826	0.0048	0.9823	0.9712	0.0178
phone-gyr0.1%	0.9045	0.0273	0.8989	0.8883	0.1193
phone-gyr1%	0.9691	0.0088	0.9660	0.9639	0.0441
phone-gyr10%	0.9908	0.0026	0.9897	0.9892	0.0161
phoneme	0.9056	0.0944	0.8908	0.7776	0.4616
phy	0.7094	0.2906	0.7094	0.4187	0.8086
pima	0.7895	0.2105	0.7763	0.5490	0.6852
pirvision	0.9935	0.0044	0.9884	0.9795	0.0726
placement	0.7830	0.2170	0.7791	0.5576	0.6991
plant-growth	0.7895	0.2105	0.7889	0.5778	0.6844
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker	0.4814	0.1037	0.2493	0.1668	0.8277
poker1%	0.5356	0.0929	0.1863	0.1320	0.4572
poker10%	0.5191	0.0962	0.2110	0.1764	0.7517
polish-1st	0.9573	0.0427	0.6550	0.2973	0.5752
polish-2nd	0.9508	0.0492	0.6503	0.2990	0.6078
polish-3rd	0.9343	0.0657	0.6412	0.2823	0.6298

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9388	0.0612	0.7168	0.4320	0.6087
polish-5th	0.9374	0.0626	0.7438	0.4861	0.5797
polya	0.7784	0.2216	0.7622	0.5238	0.7188
popularity	0.5781	0.2813	0.5041	0.2730	0.6678
post-operative	0.6667	0.2222	0.3967	0.1818	0.4399
postures	0.9836	0.0066	0.9834	0.9795	0.0416
pred-tox_mutagen_ref-desc	0.7647	0.2353	0.7652	0.5294	0.7238
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0496	0.2898	0.4012	0.1670
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6567	0.3433	0.6437	0.2802	0.8446
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9954	0.0018	0.9921	0.9938	0.0174
puc-rio10%	0.9885	0.0046	0.9773	0.9846	0.0323
pufs-128	0.4963	0.4922	0.5072	0.0012	0.9478
pufs-1281%	0.5020	0.4980	0.5020	0.0040	0.9988
pufs-12810%	0.5008	0.4992	0.5008	0.0017	0.9995
pufs-64	0.4963	0.4919	0.4927	0.0026	0.9577
pufs-641%	0.4983	0.5017	0.4983	-0.0033	1.0000
pufs-6410%	0.4965	0.5035	0.4965	-0.0070	1.0000
pulsar	0.9824	0.0176	0.9470	0.8939	0.2266
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
rcv1	0.2427	0.0425	0.0179	-0.0101	0.2781
rcv11%	0.7222	0.0105	0.4382	0.6955	0.3504
rcv110%	0.8122	0.0071	0.5645	0.7933	0.3932
re0-wc	0.8200	0.0277	0.8588	0.7781	0.2565
re1-wc	0.8373	0.0130	0.7869	0.8190	0.1955
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.8386	0.0050	0.4659	0.7871	0.5556
rice	0.9874	0.0126	0.9872	0.9745	0.0914
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6923	0.3077	0.7179	0.4058	0.7413
RT_IOT2022	0.9977	0.0004	0.9667	0.9943	0.0058
satimage	0.9051	0.0316	0.8916	0.8831	0.1580
satimageF	0.9876	0.0124	0.9690	0.9374	0.2071
satimageT	0.9176	0.0824	0.8216	0.6257	0.5710
scadi	0.7143	0.0816	0.4714	0.6316	0.1263
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5294	0.4706	0.5303	0.0588	0.9712
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9654	0.0099	0.9698	0.9595	0.0444
segmentation	0.8713	0.1287	0.8618	0.7229	0.5298
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9109	0.0891	0.6064	0.2111	0.6665
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8053	0.1947	0.5666	0.1332	0.7674
sens-10-gram	0.8425	0.1575	0.6119	0.2170	0.7366
sens-2-gram	0.8605	0.1395	0.6428	0.2724	0.6974
sens-3-gram	0.8658	0.1342	0.6679	0.3271	0.6871
sens-4-gram	0.8158	0.1842	0.5970	0.1939	0.7548
sens-5-gram	0.8526	0.1474	0.6310	0.2539	0.7183
sens-6-gram	0.8632	0.1368	0.6105	0.1780	0.6520

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-7-gram	0.8553	0.1447	0.6015	0.1785	0.6996
sens-8-gram	0.8421	0.1579	0.5964	0.1845	0.7403
sens-9-gram	0.8526	0.1474	0.6310	0.2539	0.7183
sensorless	0.9978	0.0004	0.9978	0.9976	0.0049
sepsis	0.5510	0.4490	0.5881	0.0920	0.4293
shoppers	0.8751	0.1249	0.7978	0.5836	0.6157
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9788	0.0212	0.9114	0.8220	0.3006
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9996	0.0004	0.9994	0.9988	0.0098
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.0600	0.4700	0.0553	-0.2527	0.9396
smk_can_187	0.7895	0.2105	0.7933	0.5730	0.6420
smoking	0.8149	0.1851	0.8158	0.6210	0.6189
soil_pollution	0.1767	0.3293	0.1751	-0.0294	0.8867
solar-flare	0.7266	0.0911	0.6740	0.6604	0.2692
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9706	0.0031	0.9809	0.9678	0.0165
spam-detection	0.9550	0.0450	0.8845	0.7610	0.4736
spambase	0.9478	0.0522	0.9454	0.8907	0.2795
spect	0.7037	0.2963	0.6649	0.3077	0.7542
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.6792	0.0134	0.3425	0.6609	0.0933
splice-EI	0.9653	0.0347	0.9547	0.9092	0.2535
splice-IE	0.9338	0.0662	0.9097	0.8191	0.3954
sport-articles	0.8200	0.1800	0.8094	0.6182	0.6401
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9190	0.0540	0.8995	0.8688	0.2080
steel-b	0.8256	0.1744	0.7722	0.5334	0.6659
steel-d	0.9897	0.0103	0.9069	0.7950	0.0398
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8051	0.1949	0.7841	0.5680	0.6764
steel-p	0.9385	0.0615	0.8313	0.6511	0.5507
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9795	0.0205	0.9450	0.8886	0.3044
stellar	0.9735	0.0177	0.9697	0.9531	0.1100
stock	0.9236	0.0764	0.8659	0.7297	0.4443
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0347
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.5850	0.1660	0.4356	0.3736	0.5269
student-depression	0.8366	0.1634	0.8315	0.6631	0.5975
student-habits	0.3300	0.2680	0.2297	0.0042	0.7246
student-weekend	0.3231	0.2708	0.2459	0.0912	0.7781
student-workday	0.7031	0.1187	0.2690	0.2762	0.5224
studentap	0.5385	0.3077	0.5111	0.2909	0.5610
susy	0.7597	0.2365	0.7724	0.5152	0.7141
susy1%	0.8030	0.1970	0.8014	0.6001	0.6520
susy10%	0.8016	0.1984	0.8000	0.5970	0.6535
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn	0.9077	0.0923	0.8811	0.7621	0.4609
texture	0.9782	0.0040	0.9796	0.9759	0.0315

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7872	0.2128	0.5250	0.0486	0.8044
thrombin	0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9684	0.0316	0.9651	0.9299	0.2103
tis	0.8886	0.1114	0.8647	0.7220	0.5221
tis10%	0.8881	0.1119	0.8413	0.6680	0.4588
titanic	0.7591	0.2409	0.7276	0.4549	0.7599
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.7059	0.1471	0.7348	0.6119	0.1908
toxicity	0.6471	0.3529	0.5858	0.1639	0.8952
toxicity-13f	0.8235	0.1765	0.8020	0.5984	0.6209
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6000	0.4000	0.5081	0.0157	0.8761
trec11-wc	0.9268	0.0163	0.8222	0.9100	0.0501
trec12-wc	0.9677	0.0081	0.9812	0.9612	0.0265
trec21-wc	0.9697	0.0101	0.6632	0.9345	0.0259
trec23-wc	0.9048	0.0317	0.8015	0.8618	0.0774
trec31-wc	0.9570	0.0123	0.8217	0.9429	0.0712
trec41-wc	0.9318	0.0136	0.8544	0.9169	0.0750
trec45-wc	0.9275	0.0145	0.8431	0.9149	0.0535
tuandromd	0.9776	0.0224	0.9670	0.9326	0.2233
turkish	0.8000	0.1000	0.7960	0.7333	0.2330
tvnews	0.9493	0.0507	0.9452	0.8902	0.2763
tvnews1%	0.9385	0.0615	0.9336	0.8667	0.3108
tvnews10%	0.9083	0.0917	0.9012	0.8024	0.4225
ur3_cobotops_grip	0.9728	0.0272	0.7587	0.5101	0.4925
ur3_cobotops_stop	0.9755	0.0245	0.8395	0.6770	0.4929
urban	0.8358	0.0365	0.8553	0.8083	0.1543
urinalysis	0.9231	0.0769	0.7283	0.4372	0.6036
url-rep1%	0.9578	0.0422	0.9532	0.9061	0.2576
ustilago	0.9739	0.0097	0.6612	0.0097	0.0379
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9895	0.0105	0.6730	0.0330	0.0399
vehicle	0.7381	0.1310	0.6810	0.6443	0.2592
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6566	0.0624	0.6860	0.6222	0.1936
vowelZ	0.9798	0.0202	0.9363	0.8642	0.0715
vrnormat310k-hg16-17	0.8909	0.1091	0.7328	0.4529	0.6373
wap-wc	0.8269	0.0173	0.7788	0.8074	0.1412
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.9999	0.0000	0.9998	0.9998	0.0006
watch-acc1%	0.9723	0.0079	0.9719	0.9676	0.0516
watch-acc10%	0.9978	0.0006	0.9977	0.9975	0.0060
watch-gyr	0.9998	0.0000	0.9998	0.9998	0.0006
watch-gyr1%	0.9554	0.0127	0.9542	0.9479	0.0647
watch-gyr10%	0.9957	0.0012	0.9956	0.9950	0.0101
water_pollution	0.2633	0.3683	0.2643	0.0191	0.8503
waveform	0.8540	0.0973	0.8543	0.7810	0.3431
weather-related	0.9731	0.0049	0.9751	0.9695	0.0449
web-phishing	0.8741	0.0840	0.8373	0.7821	0.3898
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9995	0.0002	0.9994	0.9994	0.0018
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9814	0.0186	0.9077	0.8137	0.3903
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6352	0.1216	0.3204	0.4328	0.4858
winequality-white	0.6115	0.1110	0.3964	0.4327	0.5433
winnipeg	0.9967	0.0010	0.9928	0.9958	0.0168
winnipeg10%	0.9932	0.0019	0.9891	0.9915	0.0283
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5878	0.0824	0.4069	0.4718	0.4061
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9595	0.0405	0.6146	0.2292	0.5992
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9459	0.0541	0.6564	0.3060	0.6026
zip	0.9441	0.0112	0.9383	0.9374	0.0913

Table 427: Detailed results for RFERNS

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0337	0.0920	0.0517	0.0184	0.4729
abalone19	0.5574	0.4426	0.4709	-0.0035	0.0562
abalone9-18	0.5479	0.4521	0.5809	0.0616	0.2972
accelerometer	0.8212	0.1788	0.6660	0.1253	0.2217
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.7835	0.2165	0.7301	0.4017	0.6181
adult	0.7578	0.2422	0.7571	0.4701	0.6500
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.3651	0.6349	0.4045	-0.0730	0.4179
AID_1431_KlekotaRothFingerprinter	0.4444	0.5556	0.4072	-0.0827	0.4423
AID_1431_MACCSFingerprinter	0.4683	0.5317	0.5289	0.0258	0.4087
AID_1878	0.6381	0.3619	0.5768	0.1341	0.7415
AID_602330	0.3906	0.6094	0.5673	0.0311	0.1869
AID_652128	0.3333	0.4444	0.3854	0.0198	0.4010
AID1284Morered	0.5000	0.5000	0.5308	0.0386	0.5810
AID1284red	0.5556	0.4444	0.5542	0.0740	0.6007
AID1608Morered	0.6505	0.3495	0.5696	0.0762	0.4178
AID1608red	0.6311	0.3689	0.6267	0.1185	0.3357
AID362red	0.6776	0.3224	0.5042	0.0014	0.1208
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.8250	0.5882	0.5283
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID456red	0.5261	0.4739	0.4620	-0.0018	0.0247
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.5500	0.4500	0.5330	0.0625	0.8958
AID644red	0.3500	0.6500	0.3566	-0.2500	0.9246
AID687AID721red	0.5200	0.4800	0.6036	0.0013	0.0036
AID687red	0.5881	0.4119	0.5640	0.0042	0.0239
AID688red	0.4774	0.5226	0.5191	0.0027	0.0609
AID721morered	0.4444	0.5556	0.4696	-0.0465	0.7758
AID721red	0.3333	0.6667	0.4044	-0.1250	0.7560
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8592	0.1408	0.8173	0.6327	0.6065
air_pollution	0.1067	0.2552	0.1407	-0.0028	0.8355
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.9044	0.0956	0.9025	0.8048	0.4200
alcohol	0.5048	0.1981	0.2848	0.2075	0.7110
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8186	0.1814	0.8097	0.6157	0.6379
anneal	0.7528	0.0989	0.7798	0.6080	0.2515
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.8915	0.1085	0.6839	0.1196	0.1789
anuran-family	0.8178	0.0911	0.7341	0.6872	0.4419
anuran-genus	0.8345	0.0414	0.7558	0.7509	0.3404
anuran-species	0.9361	0.0128	0.8611	0.9112	0.1053
anxiety	0.1167	0.1963	0.1123	0.0068	0.8139
apple-quality	0.8450	0.1550	0.8450	0.6900	0.5718
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.4971	0.5029	0.5391	0.0056	0.0584
arcene	0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia	0.1333	0.1733	0.3786	0.1064	0.3725
auction	0.7990	0.2010	0.7584	0.4379	0.5675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.1364	0.1570	0.0838	0.0952	0.3045
audit-risk	0.9872	0.0128	0.9869	0.9734	0.0949
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.4000	0.2000	0.3279	0.2899	0.3587
avila	0.4954	0.0841	0.5039	0.4121	0.6840
babies	0.0081	0.2834	0.0023	0.0000	0.3393
balance	0.7258	0.1828	0.7653	0.5896	0.3174
bank	0.7844	0.2156	0.6941	0.3300	0.6098
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8779	0.1221	0.8671	0.7229	0.4475
basehock	0.8995	0.1005	0.9036	0.7991	0.3880
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9581	0.0419	0.7046	0.2538	0.3574
biodeg	0.8476	0.1524	0.8525	0.6917	0.5363
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.1800	0.2343	0.2506	0.0080	0.1465
bitcoin10%	0.0314	0.1761	0.1993	0.0043	0.2341
body-perf	0.6396	0.1802	0.6365	0.5194	0.5011
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7594	0.5116	0.7058
breast-cancer-co	0.4545	0.5455	0.4500	-0.1000	1.0000
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.5000	0.1429	0.3980	0.3976	0.2125
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.7531	0.2469	0.6865	0.2755	0.5215
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7759	0.1121	0.7493	0.6021	0.4887
car-insurance	0.8060	0.1940	0.7909	0.5748	0.6638
card	0.9130	0.0870	0.9121	0.8181	0.3489
cardiotocography	0.6197	0.0761	0.6837	0.5738	0.3571
cardiotocography-nsp	0.7746	0.1502	0.7227	0.5425	0.5100
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6909	0.5785	0.4585
cas_N6512_cdk_ECFP2	0.6344	0.3656	0.6359	0.2703	0.8904
cas_N6512_rdkit_ATOMPAIR	0.6154	0.3846	0.6200	0.2364	0.9012
cas_N6512_RDkit_AtomPair_FP	0.6534	0.3466	0.6549	0.3082	0.8704
cas_N6512_rdkit_AVALON	0.6513	0.3487	0.6541	0.3055	0.8693
cas_N6512_RDkit_Avalon_FP	0.6564	0.3436	0.6591	0.3156	0.8641
cas_N6512_rdkit_descriptors	0.6877	0.3123	0.6945	0.3812	0.8136
cas_N6512_rdkit_FEATMORGAN	0.6022	0.3978	0.6074	0.2110	0.9116
cas_N6512_RDkit_Featmorgan_FP	0.6288	0.3712	0.6314	0.2606	0.8934
cas_N6512_RDkit_FP	0.7285	0.2715	0.7341	0.4611	0.7615
cas_N6512_rdkit_LAYERED	0.7169	0.2831	0.7187	0.4350	0.7915
cas_N6512_RDkit_Layered_FP	0.7101	0.2899	0.7097	0.4189	0.8068
cas_N6512_rdkit_MACCS	0.6866	0.3134	0.6889	0.3752	0.8299
cas_N6512_RDkit_MACCS_FP	0.6917	0.3083	0.7010	0.3909	0.7991
cas_N6512_rdkit_MORGAN	0.6708	0.3292	0.6719	0.3423	0.8520

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.6595	0.3405	0.6582	0.3163	0.8697
cas_N6512_rdkit_PATTERN	0.6554	0.3446	0.6565	0.3116	0.8694
cas_N6512_RDkit_pattern_FP	0.6580	0.3420	0.6602	0.3182	0.8635
cas_N6512_rdkit_RDKITFP	0.7527	0.2473	0.7581	0.5088	0.7244
cas_N6512_rdkit_TORSION	0.6200	0.3800	0.6286	0.2496	0.8846
ccds1%	0.6758	0.3242	0.5686	0.0543	0.2832
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6529	0.3472	0.6675	0.3151	0.8077
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.8264	0.1736	0.6523	0.2017	0.4309
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.6086	0.3914	0.5684	0.0545	0.3039
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.8953	0.1047	0.7240	0.4180	0.6081
cervical-C	0.7907	0.2093	0.5093	0.0140	0.4983
cervical-H	0.8256	0.1744	0.7265	0.2935	0.4022
cervical-S	0.7674	0.2326	0.6419	0.2280	0.5819
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.8042	0.1958	0.6458	0.0096	0.0170
chrom1910%	0.8649	0.1351	0.6470	0.0125	0.0220
chrom211%	0.0008	0.9992	0.0008	0.0000	0.0023
chronic-kidney	0.7831	0.2169	0.6992	0.2934	0.5035
churn	0.7230	0.2770	0.6990	0.3587	0.6958
churn-bigml	0.7491	0.2509	0.7109	0.3565	0.6175
ci900367j_MACCS	0.6842	0.3158	0.6812	0.3569	0.8248
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.6190	0.2540	0.5431	0.3360	0.6414
cjs	0.8000	0.0667	0.8032	0.7565	0.2220
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7046	0.1477	0.6719	0.5896	0.4583
climate	0.7963	0.2037	0.6784	0.2703	0.5218
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.6800	0.3200	0.7063	0.2661	0.4310
cmc	0.4966	0.3356	0.4948	0.2436	0.7242
cnae-9	0.7593	0.0535	0.7775	0.7292	0.2305
codon_usage	0.4551	0.0991	0.4605	0.3821	0.4806
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.8961	0.1039	0.8794	0.7528	0.4899
collins	0.4200	0.0773	0.4179	0.3785	0.2629
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.7088	0.3584	0.6899
colposcopies-2	0.7241	0.2759	0.6987	0.3927	0.7955
colposcopies-3	0.7241	0.2759	0.7379	0.4579	0.7367
colposcopies-4	0.6207	0.3793	0.5770	0.1493	0.8677
colposcopies-5	0.7241	0.2759	0.7005	0.3446	0.6502
colposcopies-6	0.7586	0.2414	0.7584	0.5155	0.7334
colposcopies-c	0.7931	0.2069	0.7175	0.4351	0.7404
column-2c	0.7742	0.2258	0.7663	0.5210	0.6984
column-3c	0.7097	0.1935	0.6643	0.5404	0.4142
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7764	0.2236	0.7771	0.5531	0.7035
coupon	0.6372	0.3628	0.6374	0.2727	0.8849
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.5107	0.1398	0.5015	0.3405	0.5706
covtypeCD	0.8723	0.1277	0.8250	0.6019	0.5525
covtypeT	0.8034	0.1966	0.7304	0.3317	0.4675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9884	0.0116	0.6852	0.1926	0.2813
crowdsourced	0.6774	0.1075	0.5956	0.4960	0.4878
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn	0.7600	0.2400	0.6487	0.0986	0.2005
cybersecurity	0.1733	0.2756	0.1766	0.0088	0.8753
cyclopentane	0.5185	0.4815	0.5166	0.0331	0.9845
cylinder-bands	0.7222	0.2778	0.7221	0.4414	0.7844
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.5385	0.4615	0.6486	0.1333	0.3113
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.6933	0.3067	0.6689	0.3076	0.7372
defect	0.8056	0.1944	0.7538	0.4655	0.6352
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.7567	0.2433	0.6980	0.3206	0.5838
depressed	0.5385	0.4615	0.5692	0.0979	0.6417
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.1250	0.5833	0.1111	-0.1429	0.6739
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5625	0.2917	0.5919	0.3563	0.4525
DIA	0.5833	0.4167	0.5969	0.1667	0.7804
diabetes	0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.3725	0.4183	0.4066	0.0852	0.7340
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9667	0.0167	0.9576	0.9544	0.0806
diamonds_all	0.5710	0.1716	0.4826	0.4171	0.5749
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.4583	0.5417	0.4782	-0.0400	0.9695
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.7972	0.2028	0.6050	0.0139	0.0381
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5680	0.4320	0.5674	0.1347	0.9544
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7043	0.1971	0.6833	0.5386	0.5003
drug-01	0.1596	0.2401	0.2061	0.0372	0.7893
drug-02	0.4043	0.1702	0.3043	0.2225	0.7667
drug-03	0.0532	0.2705	0.0472	0.0116	0.4087
drug-04	0.2713	0.2082	0.2610	0.1156	0.6880
drug-05	0.0904	0.2599	0.0820	0.0054	0.5733
drug-06	0.3191	0.1945	0.2711	0.1867	0.6778
drug-07	0.0426	0.2736	0.0233	0.0010	0.4782
drug-08	0.3191	0.1945	0.2248	0.1303	0.7290
drug-09	0.0053	0.2842	0.0017	0.0001	0.3325
drug-10	0.3777	0.1778	0.3252	0.1641	0.6803
drug-11	0.4521	0.1565	0.1946	0.0861	0.6246
drug-12	0.0160	0.2812	0.0610	0.0044	0.4119
drug-13	0.3936	0.1733	0.2403	0.1785	0.7070
drug-14	0.4309	0.1626	0.3389	0.2281	0.7228
drug-15	0.3351	0.1900	0.1515	0.0397	0.7174

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.1755	0.2356	0.1754	0.0843	0.5245
drug-17	0.2447	0.2158	0.2537	0.1093	0.7592
drug-18	0.0000	0.4000	0.0000	0.0000	0.0093
drug-19	0.2872	0.2036	0.1054	0.0571	0.5333
drybean	0.9148	0.0244	0.9235	0.8971	0.1435
ecoli	0.4118	0.1471	0.3123	0.3026	0.2466
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7791	0.5237	0.6384
ecoliMU	0.6364	0.3636	0.5970	0.1200	0.4845
ecoliOM	0.9697	0.0303	0.9024	0.7843	0.4644
ecommerce	0.2400	0.3800	0.2398	-0.0147	0.8485
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.8371	0.1629	0.8361	0.6718	0.5911
eeg10%	0.1641	0.1045	0.2269	0.1250	0.6315
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5342	0.1863	0.5421	0.4128	0.4955
euthyroid	0.7785	0.2215	0.7409	0.3670	0.5029
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9275	0.0725	0.9289	0.8539	0.3143
fakenews	0.5075	0.4925	0.5081	0.0160	0.9931
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.4675	0.0626	0.4608	0.4237	0.4079
fertility	0.3000	0.7000	0.5858	0.0541	0.2820
finance	0.4902	0.5098	0.4852	-0.0295	1.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.9249	0.8462	0.0696
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9038	0.0481	0.8898	0.8686	0.1599
gas	0.9195	0.0268	0.9209	0.9028	0.1279
gastrointestinal	0.4375	0.3750	0.5303	0.1955	0.4653
gender	0.4716	0.3523	0.4732	0.1777	0.6966
gene	0.8864	0.0757	0.8756	0.8204	0.2977
german	0.6700	0.3300	0.6498	0.2979	0.8556
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.8473	0.1527	0.8480	0.6939	0.5590
gisette	0.9129	0.0871	0.9129	0.8257	0.3939
glass	0.6667	0.1111	0.8228	0.5950	0.1930
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP	0.6667	0.3333	0.7042	0.3636	0.7218
glassContainers	0.9545	0.0455	0.8986	0.7755	0.4644
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.6364	0.3636	0.6589	0.1287	0.2575
glassVWFP	0.4762	0.5238	0.6201	0.0723	0.2039
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8813	0.7590	0.4804
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.4000	0.3000	0.4771	0.2286	0.5675
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.6667	0.3333	0.6067	0.2105	0.8514
hapt	0.7511	0.0415	0.6606	0.7078	0.2904
har	0.9322	0.0271	0.9313	0.9145	0.1323
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.5801	0.1200	0.5304	0.4963	0.2872
har7010%	0.6460	0.1012	0.5906	0.5639	0.2702
harth	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth1%	0.6807	0.0532	0.4926	0.5866	0.3426
harth10%	0.7360	0.0440	0.5573	0.6558	0.3648
hayes-roth	0.3750	0.4167	0.4016	0.0533	0.7436
hcc-survival	0.7059	0.2941	0.7286	0.4295	0.7316
health-activity	0.1700	0.4150	0.3594	0.0456	0.4814
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8710	0.1290	0.8745	0.7427	0.4884
heart-c	0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure	0.9700	0.0300	0.9658	0.9312	0.2104
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8198	0.1802	0.8202	0.6394	0.6226
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.4286	0.5714	0.4541	-0.0769	0.8750
hERG-9inputs	0.6154	0.3846	0.7174	0.3158	0.5170
higgs0.1%	0.6682	0.3318	0.6677	0.3352	0.8593
higgs1%	0.6861	0.3139	0.6855	0.3708	0.8384
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.1429	0.2143	0.1765	0.0508	0.3465
hinselmann	0.5000	0.5000	0.6644	0.1935	0.4711
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8820	0.1180	0.8349	0.6487	0.5670
hiva	0.7447	0.2553	0.5783	0.0711	0.3059
horse	0.5833	0.2778	0.5204	0.3199	0.6969
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.9603	0.0265	0.9610	0.9403	0.1243
htru2	0.9492	0.0508	0.8755	0.7383	0.4966
hypothyroid	0.0133	0.4934	0.3762	0.0102	0.1611
hypothyroidT	0.8966	0.1034	0.8125	0.5493	0.5285
ilpd	0.6102	0.3898	0.6102	0.2032	0.8268
immuno-therapy	0.7778	0.2222	0.8000	0.5263	0.5283
instagram	0.9600	0.0200	0.9603	0.9467	0.0803
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9600	0.0400	0.9613	0.9196	0.1967
isolet	0.8537	0.0113	0.8594	0.8478	0.1122
jm1	0.6777	0.3223	0.6430	0.2523	0.7224
jvowels	0.9578	0.0094	0.9549	0.9523	0.0701
kc1	0.6919	0.3081	0.6317	0.2248	0.6816
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.5333	0.4667	0.3478	-0.1290	0.3873
kc2	0.8077	0.1923	0.8159	0.5674	0.5244
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.7534	0.0379	0.6093	0.6144	0.0266
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2488	0.0835	0.2556	0.1805	0.7851
krvskp	0.9342	0.0658	0.9343	0.8682	0.3227
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5588	0.0384	0.5461	0.5376	0.1165

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.7000	0.0600	0.6964	0.6620	0.1283
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.8965	0.0080	0.8991	0.8923	0.1121
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8333	0.0222	0.8666	0.8210	0.0654
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.9999	0.0001	0.9941	0.9882	0.0754
liver	0.7059	0.2941	0.7441	0.4352	0.6592
loan	0.9555	0.0445	0.9543	0.9068	0.2526
localization	0.2537	0.1357	0.3490	0.2033	0.6113
localization10%	0.1566	0.1534	0.2819	0.1185	0.5912
lrs	0.6792	0.0916	0.5487	0.5798	0.3666
lung	0.8095	0.0762	0.8537	0.7011	0.2421
lung_discrete	0.8750	0.0500	0.9000	0.8431	0.0660
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.3500	0.2600	0.5969	0.2285	0.2686
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.0714	0.4643	0.0333	0.0000	0.2997
lymphoma2	0.4444	0.1852	0.3869	0.3182	0.2732
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.6154	0.3846	0.6163	0.2308	0.9099
magic04	0.8364	0.1636	0.8222	0.6442	0.6124
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8653	0.7292	0.5220
marketing	0.6429	0.3571	0.6139	0.1768	0.6363
maternal	0.7129	0.1914	0.7192	0.5639	0.5023
math	0.6250	0.1875	0.6277	0.4801	0.3887
mba	0.6177	0.2548	0.5015	0.2485	0.4801
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.1994	-0.0037	0.8686
messidor	0.6348	0.3652	0.6473	0.2834	0.8572
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.9444	0.0278	0.9583	0.9234	0.0743
mfeat-fac	0.9550	0.0090	0.9558	0.9500	0.0542
mfeat-fou	0.7600	0.0480	0.7657	0.7333	0.1884
mfeat-kar	0.9500	0.0100	0.9511	0.9444	0.0624
mfeat-mor	0.6850	0.0630	0.6865	0.6500	0.2154
mfeat-pix	0.9800	0.0040	0.9806	0.9778	0.0250
mfeat-zer	0.7450	0.0510	0.7409	0.7167	0.1584
mice-prot	0.9907	0.0023	0.9914	0.9894	0.0120
milk	0.9623	0.0252	0.9604	0.9424	0.1017
mines	0.7059	0.1176	0.6945	0.6312	0.3642
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.8545	0.1455	0.8545	0.7090	0.5501
monks-2	0.6557	0.3443	0.7107	0.3605	0.6844
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9902	0.0098	0.9902	0.9803	0.0727
music	0.4139	0.1066	0.4538	0.3381	0.6340
musk	0.8803	0.1197	0.7812	0.5613	0.6268
MUT_ci300400a_cdk_ECFP2	0.6715	0.3285	0.6631	0.3261	0.8592
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.6571	0.3429	0.6505	0.3005	0.8725
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.6823	0.3177	0.6852	0.3650	0.8260
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.7519	0.2481	0.7585	0.5072	0.7198
myocardial	0.3000	0.1750	0.2429	0.0652	0.5355
naticusdroid	0.9216	0.0784	0.9216	0.8432	0.3663
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.5000	0.1667	0.4286	0.4000	0.2097
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.5041	0.0522	0.2353	0.2560	0.7484
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9462	0.9000	0.1719
new-thyroidT	0.9524	0.0476	0.9211	0.8293	0.4011
newspop	0.6504	0.3496	0.6492	0.2983	0.8799
NHANES_age_prediction	0.8987	0.1013	0.8672	0.6985	0.4954
nomao	0.9086	0.0914	0.8972	0.7881	0.4452
NPHA-doctor-visits	0.3056	0.4630	0.3216	-0.0363	0.7821
nursery	0.0856	0.3657	0.0973	0.0596	0.3555
obesity	0.8104	0.0542	0.8085	0.7788	0.2226
obs	0.8333	0.0833	0.8466	0.7653	0.2958
occupancy	0.9776	0.0224	0.9704	0.9391	0.2049
Occupancy_Estimation	0.9605	0.0197	0.9086	0.8876	0.2365
oh0-wc	0.6040	0.0792	0.6108	0.5574	0.3210
oh10-wc	0.4857	0.1029	0.5178	0.4299	0.4286
oh15-wc	0.6087	0.0783	0.6437	0.5635	0.3273
oh5-wc	0.5824	0.0835	0.5898	0.5352	0.3531
olive	0.9298	0.0156	0.8886	0.9124	0.0449
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.7264	0.2736	0.6692	0.2367	0.5017
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9520	0.0096	0.9546	0.9466	0.0675
optdigitsZ	1.0000	0.0000	1.0000	1.0000	0.0000
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.8400	0.1600	0.8264	0.6528	0.6022
ozone1hr	0.7352	0.2648	0.6786	0.1582	0.2706
ozone8hr	0.7036	0.2964	0.6212	0.1543	0.4656
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7887	0.2113	0.7833	0.5569	0.6763
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8606	0.7154	0.5228
p53-mutants10%	0.6943	0.3057	0.6328	0.0142	0.0291
page-blocks	0.7148	0.1141	0.5760	0.3227	0.4012
parkinson	0.9250	0.0750	0.9271	0.8481	0.3354
parkinsons	0.7820	0.2180	0.7806	0.5543	0.6873
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.8853	0.1147	0.8745	0.7375	0.4974
particle10%	0.8562	0.1438	0.8399	0.6700	0.5722
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.6847	0.3153	0.5631	0.0779	0.4629
pcmac	0.4175	0.5825	0.4656	-0.0363	0.8362
pcos	0.9967	0.0033	0.9949	0.9896	0.0572
pd	0.7500	0.2500	0.7085	0.4062	0.7506

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pediatric-leukemia	0.6765	0.0924	0.7510	0.6226	0.2096
pendigits	0.9718	0.0056	0.9726	0.9686	0.0414
period	0.7778	0.2222	0.8163	0.5714	0.5000
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8450	0.1550	0.8303	0.6587	0.5967
phishing	0.9551	0.0449	0.9528	0.9053	0.2439
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.6845	0.0901	0.6592	0.6310	0.3401
phone-acc1%	0.7161	0.0811	0.6923	0.6679	0.3121
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.7071	0.0837	0.6864	0.6568	0.3264
phone-gyr1%	0.7540	0.0703	0.7347	0.7120	0.2745
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8019	0.1981	0.8090	0.5822	0.5927
phy	0.6854	0.3146	0.6856	0.3709	0.8389
pima	0.7632	0.2368	0.7593	0.5156	0.7272
pirvision	0.9001	0.0666	0.8544	0.7327	0.3122
placement	0.7850	0.2150	0.7828	0.5640	0.6920
plant-growth	0.6316	0.3684	0.6292	0.2570	0.8973
plrx	0.3889	0.6111	0.4561	-0.0645	0.8276
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.0107	0.2826	0.1936	0.0027	0.5419
poker10%	0.0185	0.2454	0.1043	0.0019	0.6154
polish-1st	0.6188	0.3812	0.6014	0.0703	0.2463
polish-2nd	0.5969	0.4031	0.5599	0.0397	0.2527
polish-3rd	0.6295	0.3705	0.5946	0.0779	0.3010
polish-4th	0.6418	0.3582	0.6168	0.1059	0.3252
polish-5th	0.7547	0.2453	0.6695	0.2263	0.4616
polya	0.7665	0.2335	0.7616	0.5159	0.7149
popularity	0.4689	0.3541	0.4844	0.1922	0.6394
post-operative	0.0000	0.6667	0.0000	0.0000	0.3386
postures	0.9254	0.0299	0.9254	0.9067	0.1364
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.1026	0.3434	0.2826	0.2424
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6418	0.3582	0.6772	0.3152	0.7559
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7143	0.2857	0.7083	0.4167	0.8058
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.9736	0.0106	0.9549	0.9646	0.0805
puc-rio10%	0.9596	0.0162	0.9338	0.9460	0.1132
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.4921	0.5079	0.4921	-0.0158	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9370	0.0630	0.8576	0.6945	0.5275
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.1800	0.1262	0.2410	0.1175	0.5574
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.9246	0.0754	0.4804	-0.0390	0.5892
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9863	0.0137	0.9861	0.9722	0.0970
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6444	0.3556	0.6791	0.3227	0.7748
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8538	0.0487	0.8494	0.8215	0.2055

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimageF	0.9813	0.0187	0.9551	0.9084	0.2788
satimageT	0.8103	0.1897	0.7458	0.4038	0.5497
scadi	0.2857	0.2857	0.2947	0.1667	0.2775
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.6026	0.3974	0.5607	0.0577	0.3746
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9524	0.0136	0.9567	0.9443	0.0671
segmentation	0.7723	0.2277	0.7828	0.5433	0.6587
segmentO	0.9697	0.0303	0.9472	0.8888	0.3193
seismic	0.7519	0.2481	0.6560	0.2038	0.4532
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.6658	0.3342	0.5529	0.0874	0.6654
sens-2-gram	0.7447	0.2553	0.6055	0.1917	0.6974
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9706	0.0053	0.9709	0.9677	0.0382
sepsis	0.5709	0.4291	0.5855	0.0931	0.4445
shoppers	0.7388	0.2612	0.7213	0.3682	0.6019
shuttle	0.7957	0.0584	0.5876	0.5588	0.4074
sick	0.7851	0.2149	0.6993	0.2751	0.4613
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9903	0.0097	0.9857	0.9711	0.1243
skin10%	0.9751	0.0249	0.9650	0.9275	0.2343
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1800	0.4100	0.1705	-0.0847	0.8228
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.1939	-0.0093	0.8771
solar-flare	0.7122	0.0959	0.6483	0.6420	0.2755
sonar	0.8000	0.2000	0.8000	0.6000	0.6644
soybean	0.9118	0.0093	0.9371	0.9040	0.0505
spam-detection	0.8490	0.1510	0.7675	0.4569	0.5537
spambase	0.9043	0.0957	0.8996	0.7988	0.4246
spect	0.7037	0.2963	0.7105	0.3684	0.6735
spectf	0.6571	0.3429	0.6812	0.3226	0.7397
spectrometer	0.3462	0.0484	0.2802	0.3197	0.2151
splice-EI	0.9338	0.0662	0.9218	0.8360	0.3799
splice-IE	0.8328	0.1672	0.8296	0.6194	0.5514
sport-articles	0.7800	0.2200	0.7874	0.5577	0.6602
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7743	0.1505	0.7446	0.6441	0.4058
steel-b	0.7026	0.2974	0.7201	0.3735	0.6374
steel-d	0.8462	0.1538	0.6422	0.1674	0.3670
steel-k	0.9692	0.0308	0.9528	0.9056	0.2424
steel-o	0.7333	0.2667	0.7597	0.4804	0.6649
steel-p	0.7487	0.2513	0.7237	0.3033	0.4387
steel-s	0.9385	0.0615	0.7852	0.5107	0.5484
steel-z	0.9128	0.0872	0.8258	0.6202	0.5630
stellar	0.9206	0.0529	0.9170	0.8645	0.2547
stock	0.7500	0.2500	0.7100	0.3787	0.6749
stockb	0.9956	0.0029	0.9956	0.9934	0.0158

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
streaming	0.8220	0.1780	0.8218	0.6424	0.6202
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.2600	0.2960	0.3608	0.1075	0.5668
student-depression	0.8315	0.1685	0.8271	0.6540	0.6082
student-habits	0.1800	0.3280	0.2164	0.0265	0.7596
student-weekend	0.3077	0.2769	0.3260	0.1427	0.6852
student-workday	0.3594	0.2562	0.1643	0.0822	0.6978
studentap	0.4615	0.3590	0.4804	0.2155	0.6550
susy1%	0.7794	0.2206	0.7772	0.5534	0.7007
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.5218	0.2000	0.5978
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9418	0.0106	0.9437	0.9358	0.0783
theorem	0.8249	0.1751	0.8247	0.6460	0.6112
thoracic	0.6383	0.3617	0.4943	-0.0101	0.7263
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8947	0.1053	0.8683	0.7295	0.4423
tic-tac-toe	0.8632	0.1368	0.8591	0.7093	0.5321
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8209	0.1791	0.7746	0.5454	0.6756
titanic	0.7955	0.2045	0.7581	0.5123	0.6962
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.8058	0.6895	0.1769
toxicity	0.5882	0.4118	0.6439	0.2420	0.7707
toxicity-13f	0.8235	0.1765	0.8163	0.6277	0.6246
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.5733	0.4267	0.5582	0.1031	0.8099
trec12-wc	0.1613	0.2097	0.1532	0.0974	0.4503
trec21-wc	0.2424	0.3030	0.3814	0.1186	0.4032
trec23-wc	0.0476	0.3175	0.0476	-0.0742	0.5853
trec31-wc	0.6452	0.1183	0.7030	0.5632	0.3089
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9641	0.0359	0.9493	0.8948	0.2991
turkish	0.7500	0.1250	0.7525	0.6667	0.3200
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9154	0.0846	0.9088	0.8176	0.3974
tvnews10%	0.8712	0.1288	0.8627	0.7252	0.5271
ur3_cobotops_grip	0.7007	0.2993	0.6141	0.0866	0.2540
ur3_cobotops_stop	0.7116	0.2884	0.6092	0.0925	0.2869
urban	0.7313	0.0597	0.7563	0.6875	0.2176
urinalysis	0.7692	0.2308	0.6526	0.1924	0.4278
ustilago1%	0.5586	0.4414	0.5531	0.0097	0.0695
vehicle	0.7500	0.1250	0.6929	0.6603	0.2516
vehicleVAN	0.8810	0.1190	0.8778	0.7260	0.4574
voice	0.7500	0.2500	0.7989	0.5263	0.5112
vote	0.9535	0.0465	0.9535	0.9069	0.2525
vowel	0.5354	0.0845	0.5724	0.4889	0.2528
vowelZ	0.8788	0.1212	0.8092	0.5417	0.5288
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.6154	0.0769	0.4847	0.5667	0.1265
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.6975	0.0864	0.6922	0.6460	0.3487
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.7222	0.0794	0.7178	0.6755	0.3336

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-gyr1%	0.6999	0.0857	0.6931	0.6494	0.3453
watch-gyr10%	0.7106	0.0827	0.7059	0.6619	0.3458
water_pollution	0.1933	0.4033	0.1933	-0.0737	0.8869
waveform	0.8300	0.1133	0.8400	0.7451	0.3248
weather-related	0.8404	0.0290	0.8575	0.8215	0.1751
web-phishing	0.7037	0.1975	0.6176	0.5225	0.4894
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.8329	0.0669	0.8433	0.7908	0.2701
white-clover	0.0000	0.5000	0.0000	0.0000	0.2620
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.8696	0.1304	0.7384	0.3620	0.4826
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.2390	0.2537	0.3312	0.0997	0.6537
winequality-white	0.2352	0.2185	0.2275	0.1011	0.6253
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9531	0.0134	0.9031	0.9411	0.1656
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7496	0.7322	0.0687
yeast	0.4392	0.1122	0.3383	0.3353	0.5423
yeastCYT-POX	0.6122	0.3878	0.5330	0.0231	0.2720
yeastEXC	0.8649	0.1351	0.7171	0.2510	0.3467
yeastME1	0.9122	0.0878	0.7501	0.3526	0.4283
yeastME2	0.8243	0.1757	0.6948	0.2586	0.4285
zip	0.9043	0.0191	0.8979	0.8930	0.1405

Table 428: Detailed results for RFERNS(P)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0096	0.0943	0.0017	0.0034	0.4052
abalone19	0.5933	0.4067	0.4810	-0.0025	0.0584
abalone9-18	0.5205	0.4795	0.6342	0.0962	0.2417
accelerometer	0.7246	0.2754	0.6499	0.0801	0.1577
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.2957	0.7043	0.5768	0.0528	0.3696
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.6073	0.1309	0.6657	0.5288	0.2572
AID_1431	0.3730	0.6270	0.4946	-0.0040	0.3839
AID_1431_KlekotaRothFingerprinter	0.7063	0.2937	0.4140	-0.1399	0.5771
AID_1431_MACCSFingerprinter	0.4841	0.5159	0.5604	0.0549	0.3975
AID_1878	0.4000	0.6000	0.5627	0.0666	0.5559
AID_602330	0.5573	0.4427	0.4823	-0.0109	0.2636
AID_652128	0.1616	0.5589	0.3236	-0.0351	0.3555
AID1284Morered	0.6667	0.3333	0.6035	0.1660	0.6472
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.9223	0.0777	0.5965	0.1660	0.6184
AID1608red	0.8058	0.1942	0.6051	0.1550	0.4992
AID362red	0.3084	0.6916	0.4437	-0.0078	0.0831
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.6038	0.3962	0.4838	-0.0003	0.0095
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.2857	0.7143	0.5833	0.0541	0.3467
AID456red	0.0030	0.9970	0.0030	0.0000	0.0086
AID604	0.2994	0.7006	0.4857	-0.0006	0.0216
AID604AID644_AllRed	0.0488	0.9512	0.5120	0.0001	0.0030
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.8000	0.2000	0.7619	0.4118	0.3750
AID687AID721red	0.5321	0.4679	0.5079	0.0001	0.0052
AID687red	0.0895	0.9105	0.5217	0.0006	0.0095
AID688red	0.1478	0.8522	0.5159	0.0013	0.0359
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.3333	0.6667	0.4044	-0.1250	0.7560
AID746AID1284red	0.4576	0.5424	0.5937	0.0017	0.0053
AID746red	0.6367	0.3633	0.5203	0.0027	0.0519
aids	0.6714	0.3286	0.6039	0.2029	0.8340
air_pollution	0.1000	0.2571	0.0762	0.0029	0.6584
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.6034	0.3966	0.6239	0.2310	0.8655
alcohol	0.4762	0.2095	0.2934	0.1388	0.5595
all-aml	0.6667	0.3333	0.7500	0.4000	0.5283
alzheimers	0.4372	0.5628	0.4448	-0.1030	0.9622
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.9459	0.0541	0.9095	0.8021	0.1598
anuran-f-b	0.8595	0.1405	0.6734	0.0918	0.1448
anuran-family	0.6467	0.1766	0.5627	0.4214	0.5665
anuran-genus	0.5716	0.1071	0.5112	0.4167	0.5280
anuran-species	0.7403	0.0519	0.6757	0.6620	0.3121
anxiety	0.0667	0.2074	0.0426	-0.0514	0.6177
apple-quality	0.6100	0.3900	0.6107	0.2200	0.9160
aps-failure	0.8575	0.1425	0.6668	0.1489	0.2631
arabidopsis	0.6758	0.3242	0.5053	0.0010	0.0728
arabidopsis0.1%	0.3265	0.6735	0.4974	-0.0003	0.0503
arabidopsis1%	0.6743	0.3257	0.5027	0.0005	0.0718
arabidopsis10%	0.3703	0.6297	0.5247	0.0025	0.0457

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.6561	0.2593	0.7573
arrhythmia	0.0444	0.1911	0.0241	0.0067	0.3940
auction	0.5245	0.4755	0.6259	0.1429	0.4711
audiology	0.3182	0.1240	0.0891	0.1008	0.2912
audit-risk	0.9231	0.0769	0.9275	0.8445	0.3090
autism-adolescent	0.5455	0.4545	0.5345	0.0678	0.9438
autism-adult	0.8286	0.1714	0.7767	0.5518	0.6576
autism-child	0.7586	0.2414	0.7986	0.5246	0.4644
autos	0.2500	0.3000	0.1830	0.1228	0.4500
avila	0.2386	0.1269	0.1851	0.1647	0.5945
babies	0.0161	0.2811	0.0117	0.0060	0.3827
balance	0.6290	0.2473	0.4334	0.3030	0.4915
bank	0.8286	0.1714	0.6189	0.2348	0.7159
banknote	0.9051	0.0949	0.9089	0.8107	0.3863
bankruptcy	0.7600	0.2400	0.7796	0.5312	0.6523
barleyblumeria	0.7281	0.2719	0.6960	0.3875	0.7955
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.7798	0.2202	0.6310	0.0478	0.1054
bio10%	0.7639	0.2361	0.6007	0.0331	0.0996
biodeg	0.6190	0.3810	0.6734	0.2941	0.7418
biomed	0.7619	0.2381	0.8077	0.5494	0.4929
bitcoin	0.0015	0.0908	0.0008	0.0008	0.0376
bitcoin1%	0.0045	0.2844	0.0080	0.0032	0.0366
bitcoin10%	0.0000	0.1818	0.0000	0.0000	0.0186
body-perf	0.3433	0.3284	0.3156	0.1244	0.6167
brain-tumor	0.4780	0.5220	0.4751	-0.0453	0.9867
breast-cancer	0.4643	0.5357	0.5913	0.1176	0.6833
breast-cancer-co	0.3636	0.6364	0.3682	-0.2222	1.0000
breast-cancer-ma	0.4545	0.5455	0.4777	-0.0312	0.9055
breast-tissue	0.6364	0.1212	0.5696	0.5686	0.1639
bridges	0.2000	0.2667	0.1282	0.1111	0.3240
bub10at310k-hg16-17	0.7034	0.2966	0.6483	0.2031	0.5044
bub12at310k-hg16-17	0.6661	0.3339	0.6270	0.1635	0.4875
bub8at310k-hg16-17	0.6906	0.3094	0.6483	0.1976	0.4922
cad	0.5667	0.4333	0.6189	0.1975	0.7729
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9710	0.0290	0.9696	0.9373	0.1858
cancer-uae	0.1820	0.5453	0.3162	-0.0129	0.6650
car	0.2471	0.3764	0.3111	0.0531	0.6024
car-insurance	0.6900	0.3100	0.6825	0.3514	0.7938
card	0.7536	0.2464	0.7440	0.4821	0.7376
cardiotocography	0.2629	0.1474	0.3781	0.2162	0.5060
cardiotocography-nsp	0.5023	0.3318	0.6069	0.2712	0.4412
cardiovascular	0.5996	0.4004	0.6034	0.1993	0.9070
cargo2k	0.4619	0.3587	0.5248	0.2042	0.5488
cars	0.6250	0.2500	0.5882	0.3976	0.5750
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4969	0.5031	0.5157	0.0270	0.9355
cas_N6512_RDkit_AtomPair_FP	0.5215	0.4785	0.5580	0.0857	0.8437
cas_N6512_rdkit_AVALON	0.4762	0.5238	0.5221	0.0180	0.7396
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.5646	0.4354	0.5824	0.1509	0.9017
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.6012	0.3988	0.5991	0.1981	0.9279
cas_N6512_rdkit_LAYERED	0.5077	0.4923	0.4998	-0.0005	0.9960
cas_N6512_RDkit_Layered_FP	0.5920	0.4080	0.6017	0.1960	0.9074
cas_N6512_rdkit_MACCS	0.5530	0.4470	0.5948	0.1450	0.8110

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.5537	0.4463	0.6100	0.1509	0.7478
cas_N6512_rdkit_PATTERN	0.5092	0.4908	0.5448	0.0641	0.8483
cas_N6512_RDkit_pattern_FP	0.5874	0.4126	0.5884	0.1760	0.9348
cas_N6512_rdkit_RDKITFP	0.6375	0.3625	0.6422	0.2802	0.8787
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.6797	0.3203	0.5129	0.0104	0.2985
ccds1%	0.3654	0.6346	0.5187	0.0076	0.1890
ccds10%	0.2946	0.7054	0.5333	0.0120	0.1639
cdc_diabetes	0.5512	0.2992	0.3551	0.0420	0.5738
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.4421	0.5579	0.5084	0.0043	0.2370
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.7578	0.2422	0.5602	0.0708	0.4029
CDS49_AID687_Rdkit-ecfp4-fp	0.0439	0.9561	0.4772	-0.0004	0.0102
census	0.1663	0.8337	0.5049	0.0018	0.2182
census10%	0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.5000	0.5000	0.5471	0.0385	0.3510
cervical-C	0.5698	0.4302	0.4939	-0.0051	0.3488
cervical-H	0.4302	0.5698	0.5467	0.0250	0.2301
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2161	0.3919	0.2377	0.0257	0.6153
chrom19	0.8939	0.1061	0.6487	0.0144	0.0247
chrom191%	0.5156	0.4844	0.6033	0.0025	0.0070
chrom1910%	0.8399	0.1601	0.6433	0.0103	0.0187
chrom21	0.0002	0.9998	0.0002	0.0000	0.0005
chrom211%	0.3462	0.6538	0.2572	-0.0016	0.0080
chrom2110%	0.0002	0.9998	0.0002	0.0000	0.0007
chronic-kidney	0.4639	0.5361	0.4987	-0.0011	0.3886
churn	0.5580	0.4420	0.5881	0.1364	0.7031
churn-bigml	0.6592	0.3408	0.6436	0.2213	0.6148
ci900367j_MACCS	0.4737	0.5263	0.5365	0.0557	0.8523
circles	0.5200	0.0096	0.4940	0.5152	0.1207
cirrhosis	0.3571	0.4286	0.3200	0.1562	0.4475
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6000	0.4000	0.7122	0.3043	0.5307
clave	0.4880	0.2560	0.4029	0.2882	0.6868
climate	0.2963	0.7037	0.5034	0.0019	0.3040
cll_sub_111	0.2500	0.5000	0.4050	0.0847	0.3869
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4694	0.3537	0.4759	0.2103	0.7417
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2118	0.1433	0.2171	0.1446	0.4863
coil20	0.3125	0.0688	0.2153	0.2766	0.2807
college	0.8312	0.1688	0.8056	0.6039	0.6339
collins	0.1200	0.1173	0.0408	0.0733	0.3774
colon-tumor	0.6667	0.3333	0.6250	0.2500	0.8750
colposcopies-1	0.5517	0.4483	0.5601	0.1129	0.8996
colposcopies-2	0.4138	0.5862	0.4711	-0.0423	0.8919
colposcopies-3	0.5172	0.4828	0.5145	0.0287	0.9760
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.6897	0.3103	0.6245	0.2209	0.7190
colposcopies-6	0.6552	0.3448	0.6643	0.3160	0.8391
colposcopies-c	0.7586	0.2414	0.5904	0.1288	0.7232
column-2c	0.5161	0.4839	0.5617	0.1040	0.8413
column-3c	0.6129	0.2581	0.6034	0.4142	0.5347
comedy_comparisons	0.4803	0.5197	0.3245	0.0000	0.5302

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%	0.4827	0.5173	0.3256	0.0000	0.5300
connect-4	0.8656	0.0896	0.4546	0.1723	0.1459
cottonmeloidogyne	0.6274	0.3726	0.6274	0.2548	0.9033
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covtype	0.0136	0.2818	0.0148	0.0033	0.3668
covtype10%	0.0367	0.2752	0.1643	0.0124	0.4026
covtypeCD	0.1695	0.8305	0.5313	0.0081	0.3235
covtypeT	0.5314	0.4686	0.6390	0.1173	0.2982
crabs	0.7500	0.1250	0.7957	0.6667	0.2124
creditcard_trans	0.5487	0.4513	0.5888	0.0032	0.0120
creditcard_trans10%	0.7805	0.2195	0.5813	0.0060	0.0226
crowdsourced	0.2111	0.2630	0.3037	0.0931	0.4877
cryotherapy	0.4444	0.5556	0.3077	0.0000	0.5302
cultivars	0.2188	0.0488	0.1772	0.1935	0.2288
customer-churn	0.6450	0.3550	0.6181	0.0552	0.1501
cybersecurity	0.1567	0.2811	0.0724	-0.0068	0.4974
cyclopentane	0.5185	0.4815	0.5166	0.0331	0.9845
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dating	0.0984	0.1803	0.0179	0.0000	0.4075
day1%	0.6419	0.3581	0.3910	0.0000	0.4792
dbworld	0.4286	0.5714	0.3000	-0.2727	1.0000
default	0.6150	0.3850	0.6040	0.1806	0.7598
defect	0.5648	0.4352	0.6412	0.1875	0.5547
dementia	0.4900	0.5100	0.4943	-0.0111	0.9909
deposit	0.3530	0.6470	0.5183	0.0155	0.4431
depressed	0.6783	0.3217	0.5616	0.1137	0.7593
dermatology	0.3243	0.2252	0.2646	0.2253	0.3514
desharnais	0.2500	0.5000	0.3077	0.1111	0.4515
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.2500	0.5000	0.1333	0.0000	0.4234
DIA	0.4000	0.6000	0.4309	-0.1077	0.8261
diabetes	0.7692	0.2308	0.7985	0.5543	0.5871
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.6591	0.3409	0.6725	0.2882	0.6776
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.6667	0.1667	0.6509	0.5562	0.3563
diamonds_all	0.4055	0.2378	0.1872	0.0866	0.4671
dishonest	0.6875	0.3125	0.6169	0.2308	0.8655
dlbcl-harvard-outcome	0.6000	0.4000	0.7059	0.2857	0.5283
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.3750	0.6250	0.3798	-0.2329	1.0000
dlbcl-stanford	0.4000	0.6000	0.4167	-0.1538	0.9932
dna0.1%	0.9400	0.0600	0.4845	-0.0054	0.0793
dna1%	0.4190	0.5810	0.5223	0.0009	0.0181
dna10%	0.7901	0.2099	0.5147	0.0016	0.0350
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5332	0.4668	0.5210	0.0309	0.8895
dota210%	0.5204	0.4796	0.4921	-0.0066	0.7866
drebin	0.6480	0.3520	0.6370	0.2722	0.8757
dropout	0.5102	0.3266	0.5332	0.2597	0.6152
drug-01	0.1011	0.2568	0.1344	-0.0002	0.7205
drug-02	0.4521	0.1565	0.1456	0.1493	0.3815

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-03	0.1702	0.2766	0.2165	0.0349	0.5427
drug-04	0.0638	0.2675	0.0344	0.0103	0.4144
drug-05	0.0213	0.2796	0.0111	-0.0060	0.2979
drug-06	0.2340	0.2188	0.2021	0.1071	0.6199
drug-07	0.1064	0.2979	0.0533	0.0020	0.4219
drug-08	0.0213	0.2796	0.0119	0.0057	0.3747
drug-09	0.0160	0.3280	0.0104	-0.0026	0.1884
drug-10	0.2500	0.2143	0.1828	0.0684	0.7046
drug-11	0.2500	0.2143	0.1932	0.0280	0.4216
drug-12	0.6596	0.1135	0.1585	-0.0064	0.2882
drug-13	0.1330	0.2477	0.1435	0.0414	0.5478
drug-14	0.3351	0.1900	0.1387	0.0892	0.3578
drug-15	0.1809	0.2340	0.2016	0.0452	0.5977
drug-16	0.3404	0.2199	0.1533	0.0993	0.4055
drug-17	0.1436	0.2447	0.2350	0.0493	0.5703
drug-18	0.6968	0.3032	0.4107	-0.0106	0.0512
drug-19	0.0106	0.2827	0.0106	0.0039	0.2552
drybean	0.7818	0.0623	0.7582	0.7391	0.3042
ecoli	0.0588	0.3137	0.0741	0.0242	0.3411
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.4545	0.5455	0.6468	0.1586	0.4858
ecoliMU	0.6364	0.3636	0.5970	0.1200	0.4845
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2300	0.3850	0.1593	-0.0226	0.5826
eeg	0.1381	0.1077	0.2311	0.1044	0.6726
eeg-eye	0.6796	0.3204	0.6920	0.3701	0.8045
eeg10%	0.0525	0.1184	0.0554	0.0321	0.5559
email_phishing	0.4971	0.5029	0.5214	0.0044	0.0871
eucalyptus	0.4247	0.2301	0.3390	0.2256	0.4839
euthyroid	0.1614	0.8386	0.5436	0.0146	0.2458
exon.vs.intron-freq	0.5743	0.4257	0.5859	0.1617	0.9116
exon.vs.intron-freq10%	0.7184	0.2816	0.7171	0.4337	0.7961
fakenews	0.5525	0.4475	0.5643	0.1095	0.8921
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.6000	0.4000	0.6774	0.2000	0.3900
finance	0.5686	0.4314	0.5558	0.1081	0.9492
financial-risk	0.0680	0.3107	0.1406	0.0139	0.4377
fishcatch	0.6250	0.1250	0.7368	0.5556	0.1362
flags	0.1500	0.2429	0.0373	0.0000	0.3663
fonts	0.1111	0.0116	0.0746	0.1010	1.0000
fonts10%	0.0294	0.0127	0.0086	0.0216	0.4255
forest	0.4615	0.2692	0.4975	0.2849	0.6218
gas	0.7671	0.0776	0.7645	0.7195	0.3231
gastrointestinal	0.3750	0.4167	0.3632	0.1837	0.4758
gender	0.4000	0.4000	0.4154	0.1081	0.6972
gene	0.3375	0.4416	0.3619	0.0393	0.7955
german	0.4100	0.5900	0.5780	0.0575	0.6012
gestures	0.3390	0.3305	0.3459	0.1195	0.7483
gina	0.6138	0.3862	0.6186	0.2219	0.8764
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.4286	0.1905	0.5752	0.3039	0.3283
glass-g2	0.6875	0.3125	0.6789	0.3548	0.8301
glassBWFP	0.6190	0.3810	0.6415	0.2632	0.8356
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.3636	0.6364	0.6031	0.0723	0.2820
glassNW	0.8571	0.1429	0.8183	0.6316	0.6070
glassTableware	0.5000	0.5000	0.3333	-0.0901	0.2779

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassVWFP	0.6190	0.3810	0.6557	0.1250	0.2575
GlaucomaM	0.7368	0.2632	0.7449	0.4633	0.6993
gli_85	0.6250	0.3750	0.5749	0.1429	0.8433
glioma	0.4000	0.4000	0.2222	0.0625	0.4447
glioma-grade	0.7262	0.2738	0.7385	0.4609	0.7388
green	0.4000	0.6000	0.4762	-0.0345	0.8322
grub-damage	0.4000	0.3000	0.2500	0.1509	0.4152
gsalc	0.5556	0.1481	0.5286	0.4545	0.2253
haberman	0.4667	0.5333	0.4797	-0.0345	0.8522
hapt	0.4346	0.0942	0.2967	0.3654	0.2224
har	0.3359	0.2656	0.3282	0.1589	0.7672
har70	0.5890	0.1174	0.5752	0.5057	0.3075
har701%	0.4442	0.1588	0.3918	0.3336	0.3552
har7010%	0.4681	0.1520	0.5070	0.3878	0.3256
harth	0.6606	0.0566	0.4611	0.5616	0.4919
harth1%	0.4728	0.0879	0.2810	0.3544	0.4900
harth10%	0.3079	0.1153	0.2020	0.2016	0.5609
hayes-roth	0.2500	0.5000	0.3210	-0.0213	0.6341
hcc-survival	0.4118	0.5882	0.4496	-0.0759	0.9298
health-activity	0.0400	0.4800	0.0884	0.0000	0.4683
heart	0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack	0.5161	0.4839	0.5279	0.0530	0.9592
heart-c	0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure	0.6940	0.3060	0.7061	0.3843	0.7474
heart-quantum	0.8600	0.1400	0.8565	0.6957	0.4638
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.7735	0.2265	0.7893	0.5469	0.6115
hepmass1%	0.6383	0.3617	0.6395	0.2772	0.8872
hepmass10%	0.8109	0.1891	0.8117	0.6220	0.6385
hERG-121inputs	0.7143	0.2857	0.6500	0.3000	0.8322
hERG-64inputs	0.5714	0.4286	0.7000	0.2759	0.5239
hERG-9inputs	0.6923	0.3077	0.5667	0.1333	0.8605
higgs	0.5871	0.4129	0.5850	0.1699	0.9403
higgs0.1%	0.5036	0.4964	0.5020	0.0039	0.9975
higgs1%	0.5223	0.4777	0.5219	0.0437	0.9851
higgs10%	0.5605	0.4395	0.5610	0.1218	0.9580
higher	0.1429	0.2143	0.0588	0.0000	0.4022
hinselmann	0.6000	0.4000	0.7059	0.2857	0.5000
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.1703	0.8297	0.1455	0.0000	0.3518
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6111	0.2593	0.5945	0.3226	0.5409
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.1368	0.8632	0.1204	0.0000	0.3017
ht-sensor	0.8118	0.1255	0.8147	0.7179	0.4026
ht-sensor10%	0.8572	0.0952	0.8593	0.7856	0.3340
htru2	0.9089	0.0911	0.8140	0.5925	0.5703
hypothyroid	0.0345	0.4828	0.0300	0.0031	0.1826
hypothyroidT	0.1883	0.8117	0.5517	0.0207	0.2105
ilpd	0.4746	0.5254	0.6243	0.1505	0.6148
immuno-therapy	0.3333	0.6667	0.4044	-0.1250	0.7560
instagram	0.6333	0.1833	0.6751	0.5111	0.3407
ionosphere	0.7714	0.2286	0.8108	0.5570	0.5085
iris	0.7333	0.1778	0.7642	0.5745	0.2627
irish	0.7000	0.3000	0.7633	0.4327	0.5023
isolet	0.3466	0.0503	0.3437	0.3205	0.4458
jm1	0.7043	0.2957	0.6518	0.2774	0.7348
jvowels	0.6677	0.0739	0.6975	0.6265	0.3656

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1	0.8389	0.1611	0.6396	0.2618	0.7134
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.0769	0.3692	0.0364	0.0000	0.3306
kc1-class-level-top5percentDF	0.4667	0.5333	0.6250	0.0909	0.2575
kc2	0.7692	0.2308	0.7923	0.5055	0.5303
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.5176	0.0482	0.0746	0.3144	0.1189
kddcup991%	0.7874	0.0327	0.1787	0.6372	0.0864
kddcup9910%	0.5682	0.0455	0.0590	0.2625	0.0989
kepler	0.4592	0.3605	0.4648	0.1821	0.7425
kidney	0.0555	0.3778	0.0651	0.0005	0.5090
kidney-disease	0.8500	0.1500	0.8460	0.6883	0.5660
krkopt	0.1422	0.0953	0.1033	0.0713	0.5796
krvskp	0.5549	0.4451	0.5901	0.1348	0.8110
la1s-wc	0.2317	0.2561	0.0627	0.0000	0.3731
la2s-wc	0.1623	0.2792	0.0465	0.0000	0.3810
labor	0.6667	0.3333	0.6250	0.2500	0.8750
leaf	0.6176	0.0332	0.5965	0.5960	0.1264
led24	0.4500	0.1222	0.4255	0.3820	0.2419
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.5825	0.0321	0.5850	0.5658	0.3970
leukemia	0.2857	0.4762	0.3333	-0.0294	0.6640
leukemia2	0.4286	0.5714	0.3000	0.0000	0.5288
libra	0.5833	0.0556	0.5580	0.5504	0.1844
linkage	0.7812	0.2188	0.6466	0.0251	0.0458
linkage1%	0.7697	0.2303	0.5362	0.0048	0.0432
linkage10%	0.9952	0.0048	0.8334	0.6020	0.5295
liver	0.6765	0.3235	0.6393	0.2780	0.8579
loan	0.4801	0.5199	0.5635	0.0878	0.7902
localization	0.0426	0.1741	0.0182	0.0208	0.3784
localization10%	0.0607	0.1708	0.0190	-0.0004	0.4172
lrs	0.4340	0.1617	0.3136	0.2713	0.4346
lung	0.1429	0.3429	0.1154	0.0526	0.3530
lung_discrete	0.3750	0.2500	0.3733	0.2453	0.2788
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.1500	0.3400	0.1713	0.0957	0.3592
lung-cancer-harvard2	0.5000	0.5000	0.4474	-0.0800	0.7065
lung-cancer-michigan	0.3333	0.6667	0.5970	0.0690	0.3113
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.4444	0.5556	0.4500	-0.0976	1.0000
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.2222	0.2593	0.2456	0.1250	0.3150
machine-failure	0.8936	0.1064	0.8900	0.7792	0.4498
madelon	0.5000	0.5000	0.5000	0.0000	0.9962
magic04	0.7754	0.2246	0.7587	0.5164	0.7233
malware	0.9730	0.0270	0.9554	0.9068	0.0972
mammography	0.6354	0.3646	0.7137	0.3000	0.5142
marketing	0.3348	0.6652	0.5292	0.0256	0.4871
maternal	0.7228	0.1848	0.7323	0.5828	0.4999
math	0.1500	0.4250	0.2570	0.0334	0.5420
mba	0.5597	0.2935	0.3758	0.0545	0.5355
mental-disorders	0.5000	0.2500	0.5000	0.3333	0.4899
mental-health	0.1833	0.3267	0.1482	-0.0217	0.7372
messidor	0.6522	0.3478	0.6683	0.3205	0.8264
meter-A	0.5000	0.5000	0.5333	0.0588	0.9056

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-B	0.6667	0.2222	0.7435	0.5179	0.3137
meter-C	0.6667	0.1667	0.7430	0.5680	0.3203
meter-D	0.8333	0.0833	0.8622	0.7682	0.1815
mfeat-fac	0.5500	0.0900	0.6096	0.5000	0.3632
mfeat-fou	0.3000	0.1400	0.3076	0.2222	0.6131
mfeat-kar	0.4000	0.1200	0.4246	0.3333	0.5318
mfeat-mor	0.6800	0.0640	0.6813	0.6444	0.2288
mfeat-pix	0.4000	0.1200	0.3856	0.3333	0.5039
mfeat-zer	0.4450	0.1110	0.4459	0.3833	0.4731
mice-prot	0.5093	0.1227	0.5583	0.4435	0.4380
milk	0.7925	0.1384	0.8271	0.6944	0.2965
mines	0.4706	0.2118	0.4275	0.3348	0.5205
mobile	0.2238	0.0277	0.2484	0.2089	0.3456
monks-1	0.6909	0.3091	0.7064	0.3771	0.7400
monks-2	0.7377	0.2623	0.7425	0.4672	0.7258
monks-3	0.6607	0.3393	0.6651	0.3249	0.8531
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	0.7196	0.2804	0.7591	0.4272	0.5143
music	0.1822	0.1487	0.1510	0.1131	0.6067
musk	0.7667	0.2333	0.7043	0.3661	0.6615
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.5952	0.4048	0.5790	0.1567	0.9362
myocardial	0.0176	0.2456	0.0100	-0.0056	0.2546
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.5000	0.1667	0.4545	0.4000	0.1534
nci9	0.3333	0.2222	0.2667	0.2000	0.2565
ncRNA	0.4698	0.0558	0.2426	0.2095	0.8457
ncRNA1%	0.0117	0.1040	0.0364	0.0005	0.1657
ncRNA10%	0.4683	0.0560	0.2311	0.2398	0.8220
neo	0.7187	0.2813	0.6670	0.2397	0.5231
new-thyroid	0.6667	0.2222	0.7621	0.4787	0.3516
new-thyroidT	0.7143	0.2857	0.7407	0.3636	0.5000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.5600	0.4400	0.5517	0.0966	0.9401
NHANES_age_prediction	0.5154	0.4846	0.6281	0.1553	0.5232
nomao	0.8508	0.1492	0.8202	0.6399	0.6059
NPHA-doctor-visits	0.2361	0.5093	0.2590	0.0481	0.5005
nursery	0.3588	0.3206	0.2307	0.1794	0.3393
obesity	0.1611	0.2397	0.1017	0.0265	0.5782
obs	0.7593	0.1204	0.8018	0.6628	0.3132
occupancy	0.9864	0.0136	0.9816	0.9624	0.1468
Occupancy_Estimation	0.8687	0.0656	0.7108	0.6556	0.3074
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0543	0.1891	0.0103	0.0000	0.4046
oh5-wc	0.0659	0.1868	0.0124	0.0000	0.4050
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.6140	0.0858	0.6116	0.5476	0.2180

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opn310k	0.6922	0.3078	0.6319	0.1788	0.5070
opn310k10%	0.1830	0.8170	0.5402	0.0164	0.2485
opnat310k-hg16-17	0.6535	0.3465	0.6293	0.1619	0.4752
optdigits	0.3238	0.1352	0.3326	0.2503	0.5334
optdigitsZ	0.9288	0.0712	0.8402	0.6545	0.5481
orl	0.4250	0.0288	0.3588	0.4103	0.1190
orlraws10P	0.5000	0.1000	0.4253	0.4444	0.1700
ovarian-cancer	0.5200	0.4800	0.4792	-0.0417	0.9811
ozone1hr	0.2134	0.7866	0.5547	0.0158	0.1146
ozone8hr	0.3399	0.6601	0.4987	-0.0008	0.3275
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7062	0.2938	0.6456	0.2676	0.8030
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5556	0.4444	0.5955	0.1439	0.8056
p53-mutants	0.2018	0.7982	0.5163	0.0008	0.0217
p53-mutants10%	0.5478	0.4522	0.3539	-0.0064	0.0285
page-blocks	0.2925	0.2830	0.4334	0.0961	0.2736
parkinson	0.6583	0.3417	0.6581	0.3125	0.8576
parkinsons	0.6019	0.3981	0.5793	0.1585	0.9281
parkinsons-small	0.6842	0.3158	0.7554	0.4124	0.5306
particle	0.7250	0.2750	0.7278	0.4250	0.7126
particle10%	0.7885	0.2115	0.7694	0.5257	0.6854
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.7658	0.2342	0.7237	0.2992	0.4283
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	0.9433	0.0567	0.9235	0.8381	0.3837
pd	0.6711	0.3289	0.6124	0.2188	0.8308
pediatric-leukemia	0.1176	0.2521	0.1280	0.0520	0.4738
pendigits	0.8444	0.0311	0.8579	0.8268	0.1792
period	0.2222	0.7778	0.1818	-0.2353	0.8780
period-10f	0.4444	0.5556	0.6311	0.1176	0.5170
persistency	0.6356	0.3644	0.6303	0.2566	0.8768
personalities	0.1137	0.1108	0.1078	0.0545	0.6118
pet-adoption	0.5450	0.4550	0.6186	0.1868	0.7599
phishing	0.8408	0.1592	0.8430	0.6774	0.5656
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.3140	0.1960	0.3113	0.2027	0.5124
phone-acc0.1%	0.1692	0.2374	0.0782	0.0323	0.4749
phone-acc1%	0.1563	0.2411	0.0684	0.0098	0.5062
phone-acc10%	0.1888	0.2318	0.1396	0.0547	0.6545
phone-gyr	0.1432	0.2448	0.0852	0.0022	0.6039
phone-gyr0.1%	0.2800	0.2057	0.1250	0.1618	0.3461
phone-gyr1%	0.1852	0.2328	0.1141	0.0414	0.5445
phone-gyr10%	0.2186	0.2233	0.1649	0.0781	0.5298
phoneme	0.7685	0.2315	0.7717	0.5120	0.6576
phy	0.5700	0.4300	0.6220	0.1437	0.6784
pima	0.6316	0.3684	0.5986	0.1915	0.9027
pirvision	0.6963	0.2025	0.4240	0.2493	0.3961
placement	0.6130	0.3870	0.6442	0.2603	0.8227
plant-growth	0.4211	0.5789	0.4222	-0.1547	1.0000
plrx	0.6667	0.3333	0.6346	0.2603	0.8271
poker	0.0005	0.2221	0.0004	0.0001	0.2989
poker1%	0.0020	0.2852	0.0006	0.0000	0.2637
poker10%	0.0018	0.2496	0.0012	0.0007	0.3778
polish-1st	0.2930	0.7070	0.5452	0.0163	0.1569
polish-2nd	0.6922	0.3078	0.5745	0.0626	0.2967
polish-3rd	0.5752	0.4248	0.5695	0.0507	0.2823
polish-4th	0.5643	0.4357	0.5851	0.0655	0.2958
polish-5th	0.6887	0.3113	0.6191	0.1406	0.4304

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polya	0.5719	0.4281	0.6017	0.1832	0.8527
popularity	0.2842	0.4772	0.3792	0.0450	0.6376
post-operative	0.2222	0.7778	0.2500	-0.4000	0.9533
postures	0.6653	0.1339	0.6696	0.5817	0.4417
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6041	0.2059	0.9196
prestige	0.6667	0.2222	0.6655	0.4906	0.4321
primary-tumor	0.1515	0.1305	0.0401	0.0619	0.3503
processed	0.5601	0.4399	0.5741	0.1357	0.8678
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.6000	0.4000	0.6250	0.2308	0.8533
prostate	0.6429	0.3571	0.6291	0.2553	0.8888
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.8509	0.0596	0.8022	0.8019	0.2908
puc-rio10%	0.7978	0.0809	0.7592	0.7371	0.3507
pufs-128	0.4995	0.5005	0.4994	-0.0011	0.9978
pufs-1281%	0.5072	0.4928	0.5072	0.0144	0.9943
pufs-12810%	0.4979	0.5021	0.4979	-0.0041	0.9943
pufs-64	0.5017	0.4983	0.5017	0.0034	0.9989
pufs-641%	0.4983	0.5017	0.4984	-0.0033	1.0000
pufs-6410%	0.4982	0.5018	0.4982	-0.0037	1.0000
pulsar	0.8125	0.1875	0.7427	0.3907	0.5358
raisin	0.8111	0.1889	0.8175	0.6222	0.5989
rcv1	0.0020	0.0377	0.0001	0.0000	0.3257
rcv11%	0.0019	0.0487	0.0001	0.0000	0.3465
rcv110%	0.0073	0.0397	0.0003	0.0000	0.3278
re0-wc	0.0400	0.1477	0.0059	0.0000	0.3208
re1-wc	0.0301	0.0776	0.0023	0.0000	0.3563
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.9859	0.0141	0.9858	0.9716	0.1012
reuters21578	0.0024	0.0416	0.0001	0.0000	0.2544
rice	0.9747	0.0253	0.9749	0.9487	0.1314
rnaseq	0.4625	0.2150	0.5144	0.3331	0.5031
rocket	0.5138	0.4862	0.6213	0.1413	0.6589
RT_IOT2022	0.5690	0.0718	0.1217	0.1737	0.2085
satimage	0.6998	0.1001	0.6620	0.6320	0.3890
satimageF	0.9145	0.0855	0.8518	0.6660	0.5298
satimageT	0.8134	0.1866	0.7203	0.3745	0.5869
scadi	0.0000	0.4000	0.0000	-0.1667	0.4706
schiller	0.3333	0.6667	0.5970	0.0690	0.4422
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	0.7778	0.2222	0.7744	0.5424	0.6895
secom	0.3333	0.6667	0.5610	0.0338	0.2460
secondary_mushroom	0.4940	0.5060	0.5550	0.0640	0.7715
seeds	0.9048	0.0635	0.9152	0.8571	0.1250
segment	0.7013	0.0853	0.7153	0.6505	0.2852
segmentation	0.7228	0.2772	0.6960	0.3920	0.8068
segmentO	0.9004	0.0996	0.8640	0.6901	0.5015
seismic	0.7558	0.2442	0.6427	0.1900	0.4648
semeion	0.2642	0.7358	0.5510	0.0301	0.3130
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.4921	0.5079	0.5152	0.0185	0.5677
sens-3-gram	0.8184	0.1816	0.5627	0.1237	0.7697
sens-4-gram	0.3605	0.6395	0.5299	0.0268	0.4718
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.4431	0.1013	0.4470	0.3874	0.5184
sepsis	0.6443	0.3557	0.5849	0.1077	0.4970
shoppers	0.1541	0.8459	0.1335	0.0000	0.3285
shuttle	0.1295	0.2487	0.2277	0.0340	0.3934
sick	0.6180	0.3820	0.6377	0.1345	0.3513
sirtuin6	0.5000	0.5000	0.3333	0.0000	0.5283
skin	0.9710	0.0290	0.9587	0.9154	0.2587
skin10%	0.9591	0.0408	0.9427	0.8821	0.3188
smarket	0.6000	0.4000	0.6035	0.2032	0.9161
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6842	0.3158	0.6841	0.3596	0.8222
smoking	0.6569	0.3432	0.6658	0.3177	0.8234
soil_pollution	0.1800	0.3280	0.1625	-0.0307	0.7388
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.0588	0.0991	0.0239	0.0303	0.3333
spam-detection	0.7460	0.2540	0.6821	0.2671	0.5212
spambase	0.5696	0.4304	0.5989	0.1793	0.8691
spect	0.7407	0.2593	0.6897	0.3636	0.7481
spectf	0.6571	0.3429	0.6293	0.2500	0.8347
spectrometer	0.2115	0.0584	0.1271	0.1740	0.2513
splice-EI	0.4953	0.5047	0.5227	0.0372	0.8062
splice-IE	0.5205	0.4795	0.5694	0.1077	0.7440
sport-articles	0.7400	0.2600	0.7513	0.4827	0.7120
squash-stored	0.4000	0.4000	0.2222	0.0625	0.4447
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	0.5484	0.4516	0.4090	-0.1421	0.9752
steel_industry	0.6672	0.2218	0.6611	0.4978	0.4655
steel-b	0.6923	0.3077	0.6731	0.3086	0.7158
steel-d	0.6205	0.3795	0.4894	-0.0059	0.2207
steel-k	0.9128	0.0872	0.8800	0.7533	0.4882
steel-o	0.6923	0.3077	0.7094	0.3931	0.7539
steel-p	0.4872	0.5128	0.5497	0.0440	0.3882
steel-s	0.8359	0.1641	0.7246	0.2844	0.3900
steel-z	0.7385	0.2615	0.7023	0.2930	0.5057
stellar	0.5016	0.3323	0.6417	0.3143	0.3927
stock	0.6458	0.3542	0.5728	0.1294	0.7505
stockb	0.7093	0.1938	0.7018	0.5642	0.4058
streaming	0.4660	0.5340	0.4833	-0.0299	0.9680
stress	0.6825	0.1270	0.6261	0.6010	0.2100
student-lifestyle	0.0450	0.3820	0.0537	0.0274	0.3713
student-depression	0.7211	0.2789	0.7071	0.4031	0.7777
student-habits	0.1000	0.3600	0.1087	0.0278	0.5753
student-weekend	0.1231	0.3508	0.1223	-0.0514	0.6999
student-workday	0.0156	0.3937	0.0333	-0.0110	0.4552
studentap	0.3846	0.4103	0.3899	0.0370	0.7158
susy	0.7567	0.2433	0.7550	0.5099	0.7409
susy1%	0.7198	0.2802	0.7166	0.4319	0.7937
susy10%	0.7638	0.2362	0.7613	0.5216	0.7272
swarm_aligned	0.5502	0.4498	0.6657	0.2327	0.6261
swarm_flocking	0.8093	0.1907	0.8201	0.6187	0.5710
swarm_grouped	0.8285	0.1715	0.8235	0.6008	0.4412
tae	0.5333	0.3111	0.5696	0.3000	0.4154
telco-churn	0.6406	0.3594	0.6945	0.3210	0.6686
texture	0.6600	0.0618	0.6895	0.6240	0.3143
theorem	0.7218	0.2782	0.7221	0.4404	0.7821
thoracic	0.7447	0.2553	0.4964	-0.0071	0.8042

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.7474	0.2526	0.7565	0.4895	0.6966
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.5633	0.0298	0.5399
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.3529	0.3235	0.4045	0.1422	0.5065
toxicity	0.5882	0.4118	0.5662	0.1314	0.9243
toxicity-13f	0.4118	0.5882	0.5097	0.0116	0.7904
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6000	0.4000	0.5578	0.1071	0.8308
trec11-wc	0.0732	0.2060	0.0152	0.0000	0.3657
trec12-wc	0.1290	0.2177	0.0286	0.0000	0.3798
trec21-wc	0.0303	0.3879	0.0118	0.0000	0.2757
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0045	0.0001	0.3771
trec45-wc	0.0435	0.1913	0.0292	0.0190	0.4391
tuandromd	0.2018	0.7982	0.1679	0.0000	0.3921
turkish	0.4000	0.3000	0.3943	0.2000	0.4870
tvnews	0.6479	0.3521	0.5926	0.1734	0.8838
tvnews1%	0.7462	0.2538	0.7353	0.3708	0.5205
tvnews10%	0.5351	0.4649	0.5604	0.1099	0.8951
ur3_cobotops_grip	0.5170	0.4830	0.5770	0.0377	0.1849
ur3_cobotops_stop	0.7959	0.2041	0.6365	0.1486	0.3515
urban	0.5373	0.1028	0.4703	0.4601	0.2883
urinalysis	0.8112	0.1888	0.6396	0.2001	0.4819
url-rep1%	0.6644	0.3356	0.3992	0.0000	0.4658
ustilago	0.7372	0.2628	0.5229	0.0066	0.0982
ustilago1%	0.2915	0.7085	0.4878	-0.0012	0.0541
ustilago10%	0.2906	0.7094	0.5082	0.0009	0.0555
vehicle	0.5357	0.2321	0.5129	0.3721	0.5307
vehicleVAN	0.7500	0.2500	0.7761	0.4878	0.5905
voice	0.5833	0.4167	0.7044	0.2857	0.5302
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.2525	0.1359	0.3140	0.1778	0.4417
vowelZ	0.6768	0.3232	0.7002	0.2479	0.4121
vrnormat310k-hg16-17	0.6473	0.3527	0.5989	0.1251	0.4918
wap-wc	0.0321	0.0968	0.0079	0.0028	0.3928
warpar10p	0.1538	0.1692	0.1071	0.0654	0.3376
warppie10p	0.4286	0.1143	0.3901	0.3588	0.2781
watch-acc	0.2450	0.2157	0.2509	0.1251	0.5676
watch-acc1%	0.2714	0.2082	0.2540	0.1576	0.4335
watch-acc10%	0.2722	0.2079	0.1837	0.1371	0.5600
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1566	0.2410	0.0694	0.0169	0.5021
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2600	0.3700	0.2266	0.0158	0.7201
waveform	0.6420	0.2387	0.6426	0.4630	0.6103
weather-related	0.0596	0.1710	0.0102	0.0000	0.3971
web-phishing	0.6963	0.2025	0.6677	0.5189	0.5340
Weekly	0.7685	0.2315	0.7975	0.5509	0.5751
weight-lift	0.3246	0.2702	0.2674	0.1295	0.6852
white-clover	0.3333	0.6667	0.2500	0.0000	0.5000
wifi-loc	0.9400	0.0300	0.9421	0.9200	0.1088
wilt	0.7909	0.2091	0.5821	0.1075	0.4384
wine	0.8824	0.0784	0.8833	0.7927	0.2434

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
winequality-red	0.1509	0.2830	0.1539	0.0631	0.3520
winequality-white	0.0327	0.3224	0.0193	-0.0003	0.4219
winnipeg	0.6127	0.1107	0.6060	0.5120	0.4793
winnipeg10%	0.6468	0.1009	0.5930	0.5599	0.4377
wisc_bc	0.8421	0.1579	0.8440	0.6767	0.5604
yale	0.3125	0.0917	0.2366	0.2636	0.1909
yeast	0.0203	0.2177	0.0052	-0.0048	0.4263
yeastCYT-POX	0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1	0.4054	0.5946	0.5958	0.0333	0.1151
yeastME2	0.6486	0.3514	0.6319	0.1128	0.2949
zip	0.6602	0.0680	0.6558	0.6207	0.3760

Table 429: Detailed results for RFLDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2048	0.0757	0.1064	0.1153	0.4664
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.9315	0.0685	0.7061	0.4084	0.6173
accelerometer	0.9797	0.0203	0.5237	0.0247	0.4494
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8317	0.1683	0.7580	0.5139	0.6712
advanced-iot	0.7207	0.0931	0.7654	0.6648	0.2128
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7048	0.2952	0.5490	0.0966	0.8126
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8028	0.1972	0.7165	0.4285	0.7226
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7714	0.0914	0.3174	0.4545	0.3106
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8419	0.1581	0.8245	0.6477	0.5939
anneal	0.7079	0.1169	0.1658	0.0000	0.2204
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	0.9722	0.0278	0.4929	-0.0118	0.3936
anuran-family	0.9221	0.0389	0.8225	0.8527	0.3263
anuran-genus	0.9471	0.0132	0.8698	0.9131	0.1646
anuran-species	0.9333	0.0133	0.8663	0.9067	0.1267
anxiety	0.0917	0.2019	0.0871	-0.0244	0.7816
apple-quality	0.5825	0.4175	0.5825	0.1650	0.9436
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.5556	0.0889	0.0714	0.0000	0.2612
auction	0.8676	0.1324	0.5962	0.1351	0.6160
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.9231	0.0769	0.9204	0.8358	0.3200
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.5256	0.0791	0.4008	0.2913	0.5845
babies	0.4194	0.1659	0.1364	0.0843	0.4354
balance	0.6935	0.2043	0.4885	0.4287	0.4127
bank	0.9005	0.0995	0.7319	0.4605	0.6222
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8917	0.1083	0.8830	0.7543	0.3968
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.0089	0.9911	0.0088	0.0000	0.0253
biodeg	0.7619	0.2381	0.7489	0.4976	0.7423
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9823	0.0016	0.0682	0.0000	0.4284
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	-0.0001	0.0426
body-perf	0.5821	0.2090	0.5827	0.4428	0.5408
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.5000	0.1667	0.1111	0.0000	0.3136
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.8696	0.1304	0.8614	0.6849	0.3145
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8046	0.0977	0.3972	0.5792	0.2629
car-insurance	0.8180	0.1820	0.7856	0.5708	0.6630
card	0.5797	0.4203	0.3670	0.0000	0.5082
cardiotocography	0.7136	0.0573	0.5811	0.6521	0.3328
cardiotocography-nsp	0.8732	0.0845	0.7789	0.6576	0.4561
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.7995	0.1337	0.8301	0.6974	0.1591
cars	0.6750	0.2167	0.5455	0.4311	0.4395
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.6292	0.3708	0.6341	0.2640	0.8868
cas_N6512_RDkit_AtomPair_FP	0.6764	0.3236	0.6805	0.3567	0.8366
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.6457	0.3543	0.6432	0.2864	0.8856
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9560	0.0440	0.6049	0.1811	0.5641
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7720	0.2280	0.7722	0.5319	0.6911
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9545	0.0455	0.7422	0.4837	0.5801
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.8419	0.1580	0.5203	0.0327	0.5057
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8060	0.1940	0.6337	0.2134	0.6760
churn-bigml	0.8652	0.1348	0.6899	0.3650	0.6618
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4659	0.3406	0.4071
cjs	0.2429	0.2524	0.0651	0.0000	0.3839
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.5676	0.2162	0.4262	0.3657	0.4897
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.4167	0.3889	0.2805	-0.0769	0.5868
cm1	0.8800	0.1200	0.6001	0.1892	0.6967
cmc	0.4830	0.3447	0.4544	0.1819	0.7566
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.7836	0.0394	0.5470	0.7347	0.2842
coil20	0.0972	0.0903	0.0977	0.0511	0.3940
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.5862	0.4138	0.5542	0.1031	0.9376
colposcopies-4	0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c	0.7586	0.2414	0.6226	0.2281	0.7911
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7419	0.1720	0.6525	0.5739	0.3295
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7524	0.2476	0.7532	0.5051	0.7425

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8747	0.0418	0.7426	0.7335	0.2629
cryotherapy	0.6667	0.3333	0.6582	0.3077	0.8482
cultivars	0.3125	0.0344	0.2143	0.2946	0.1097
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1633	0.2789	0.1409	-0.0146	0.6136
cyclopentane	0.7037	0.2963	0.7072	0.4098	0.8027
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8100	0.1900	0.6798	0.3195	0.6708
defect	0.8858	0.1142	0.7645	0.4050	0.2530
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8956	0.1044	0.7259	0.4477	0.6293
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.2973	0.2342	0.0764	0.0000	0.3667
desharnais	0.5000	0.3333	0.4036	0.1795	0.3510
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8269	0.1731	0.8317	0.6507	0.5831
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6007	0.1597	0.4724	0.4110	0.4855
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6250	0.3750	0.6343	0.2603	0.8728
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7404	0.1731	0.6799	0.5734	0.4761
drug-01	0.4096	0.1687	0.1877	0.0642	0.4716
drug-02	0.5053	0.1413	0.1867	0.1124	0.5076
drug-03	0.6755	0.0927	0.1357	0.0158	0.3319
drug-04	0.5106	0.1398	0.2006	0.1038	0.5502
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.2642	0.2663	0.4828
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5798	0.1201	0.2063	0.1602	0.3752
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-10	0.5585	0.1261	0.1579	0.1548	0.3535
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5957	0.1155	0.1741	0.2373	0.4257
drug-14	0.6117	0.1109	0.2742	0.3068	0.4235
drug-15	0.7447	0.0729	0.1231	0.0221	0.2866
drug-16	0.6011	0.1140	0.2602	0.3310	0.3923
drug-17	0.3723	0.1793	0.2108	0.1336	0.4907
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7606	0.0684	0.1234	-0.0134	0.2600
drybean	0.7546	0.0701	0.7909	0.7016	0.2654
ecoli	0.8235	0.0588	0.6800	0.7437	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7238	0.4460	0.7379
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2200	0.3900	0.1992	-0.0450	0.8598
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.5614	0.4386	0.5391	0.0630	0.8978
eeg10%	0.3249	0.0844	0.3410	0.2555	0.6494
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.8892	0.1108	0.6224	0.2302	0.6733
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8748	0.1252	0.8774	0.7503	0.4830
fakenews	0.5150	0.4850	0.5144	0.0284	0.9878
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.2073	0.0933	0.0202	0.0000	0.3505
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4314	0.5686	0.3857	-0.1995	1.0000
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.8462	0.0769	0.8389	0.7858	0.1848
gas	0.9008	0.0331	0.9001	0.8797	0.1669
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6042	0.2639	0.4568	0.1485	0.5557
gene	0.8927	0.0715	0.8836	0.8305	0.2632
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.8732	0.1268	0.8749	0.7458	0.4857
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6190	0.1270	0.6061	0.4598	0.3161
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.7000	0.3000	0.5269	0.0426	0.8482

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.5204	0.1918	0.5202	0.3904	0.6193
har70	0.6062	0.1125	0.3562	0.3126	0.3052
har701%	0.7659	0.0669	0.4250	0.6209	0.1680
har7010%	0.6122	0.1108	0.3620	0.3255	0.3343
harth	0.4492	0.0918	0.0517	0.0000	0.2692
harth1%	0.6685	0.0553	0.2413	0.5243	0.2505
harth10%	0.6583	0.0569	0.2132	0.5059	0.2474
hayes-roth	0.3125	0.4583	0.3730	-0.0864	0.6297
hcc-survival	0.5294	0.4706	0.5143	0.0286	0.9808
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack	0.8065	0.1935	0.8048	0.6043	0.6369
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.8340	0.1660	0.8052	0.6100	0.6292
heart-quantum	0.9600	0.0400	0.9583	0.9167	0.2315
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8138	0.1862	0.8147	0.6273	0.6306
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6245	0.3755	0.6211	0.2403	0.9036
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.1429	0.2143	0.0893	-0.0435	0.3382
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.9039	0.0961	0.8179	0.6293	0.5131
hiva	0.9314	0.0686	0.5937	0.1817	0.5900
horse	0.6389	0.2407	0.6201	0.3482	0.4924
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.4649	0.3567	0.4725	0.1794	0.6982
htru2	0.9615	0.0385	0.8745	0.7391	0.3112
hypothyroid	0.9310	0.0345	0.3677	0.5438	0.1657
hypothyroidT	0.9416	0.0584	0.7571	0.3700	0.1541
ilpd	0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.4820	0.2590	0.3897	0.3093	0.3468
ionosphere	0.8571	0.1429	0.8309	0.6602	0.5698
iris	0.8000	0.1333	0.8027	0.6980	0.3335
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.6406	0.0276	0.5975	0.6262	0.1609
jm1	0.8081	0.1919	0.5905	0.0638	0.5197
jvowels	0.8775	0.0272	0.8872	0.8616	0.1600
kc1	0.8483	0.1517	0.6346	0.2110	0.6285
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6923	0.1231	0.4336	0.3810	0.3973
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7308	0.2692	0.5965	0.1929	0.8287
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.5732	0.0427	0.0364	0.0000	0.1398
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.7751	0.1499	0.6906	0.6199	0.3043
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2813	0.0799	0.2203	0.1828	0.5677
krvskp	0.8997	0.1003	0.8996	0.7990	0.4335
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6083	0.6597	0.0838
led24	0.6000	0.0889	0.5218	0.5429	0.2049
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.6755	0.0250	0.6907	0.6626	0.2862
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.7778	0.0296	0.7665	0.7612	0.0997
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7059	0.2941	0.6994	0.3863	0.7816
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8302	0.0485	0.6779	0.7722	0.1921
lung	0.7143	0.1143	0.3230	0.3115	0.3122
lung_discrete	0.7500	0.1000	0.5250	0.6667	0.1161
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.3333	0.6667	0.2500	-0.5000	1.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.5714	0.2857	0.2424	0.0000	0.3175
lymphoma2	0.5556	0.1481	0.2222	0.3333	0.2058
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.6462	0.3538	0.6464	0.2923	0.8827
magic04	0.7675	0.2325	0.7348	0.4595	0.7240
malware	0.8108	0.1892	0.4478	0.0000	0.3405
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6040	0.2640	0.6100	0.3882	0.5704
math	0.8500	0.0750	0.8324	0.7640	0.2023
mba	0.8194	0.1204	0.3808	0.1136	0.3889
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.2267	0.3093	0.1900	0.0232	0.6300
messidor	0.6696	0.3304	0.6899	0.3574	0.7906
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.6999	0.4684	0.2243
meter-D	0.3333	0.3333	0.1579	0.0226	0.3157
mfeat-fac	0.7950	0.0410	0.7896	0.7722	0.0823
mfeat-fou	0.7850	0.0430	0.7860	0.7611	0.1822
mfeat-kar	0.9600	0.0080	0.9609	0.9556	0.0502
mfeat-mor	0.7150	0.0570	0.6545	0.6833	0.1554
mfeat-pix	0.8750	0.0250	0.8875	0.8611	0.0870
mfeat-zer	0.7800	0.0440	0.7825	0.7556	0.1987
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.7642	0.1572	0.7331	0.6351	0.4499
mines	0.5294	0.1882	0.5850	0.4100	0.3431

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mobile	0.8531	0.0052	0.8605	0.8505	0.0690
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7679	0.2321	0.7886	0.5285	0.5651
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
music	0.4722	0.0960	0.4682	0.3585	0.5471
musk	0.8652	0.1348	0.7555	0.5095	0.6584
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9383	0.0617	0.9383	0.8766	0.3094
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8437	0.0165	0.1462	0.5642	0.4866
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9002	0.0998	0.5551	0.0297	0.4191
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6408	0.3592	0.6384	0.2766	0.8905
NHANES_age_prediction	0.9824	0.0176	0.9694	0.9368	0.2236
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.3046	-0.0165	0.5418
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.3033	0.1991	0.1476	0.1732	0.3136
obs	0.6296	0.1852	0.6222	0.4368	0.4984
occupancy	0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation	0.8865	0.0568	0.7271	0.6457	0.4051
oh0-wc	0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
olive	0.9298	0.0156	0.9023	0.9129	0.0466
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.8656	0.1344	0.6577	0.2160	0.4311
ozone8hr	0.7905	0.2095	0.6156	0.1832	0.5564
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9470	0.0212	0.6181	0.6522	0.3756

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinson	0.9500	0.0500	0.9488	0.8972	0.2733
parkinsons	0.8104	0.1896	0.7997	0.5993	0.6579
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.8400	0.1600	0.7910	0.5701	0.5964
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5464	0.4536	0.3533	-0.0712	0.8005
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.8421	0.1579	0.8061	0.6066	0.6295
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.8954	0.0209	0.8988	0.8836	0.1285
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.8650	0.1350	0.8458	0.6911	0.5498
phishing	0.9388	0.0612	0.9356	0.8708	0.3094
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%	0.5153	0.1385	0.4936	0.4323	0.4866
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.4004	0.1713	0.3164	0.2910	0.3666
phone-gyr	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%	0.6052	0.1128	0.5691	0.5362	0.3618
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7148	0.2852	0.5126	0.0019	0.5089
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7368	0.2632	0.7221	0.4006	0.6803
pirvision	0.9595	0.0270	0.9306	0.8730	0.1878
placement	0.7140	0.2860	0.7021	0.4004	0.8025
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th	0.9272	0.0728	0.5716	0.0686	0.4696
polya	0.7384	0.2616	0.7256	0.4484	0.7705
popularity	0.6436	0.2376	0.4432	0.2359	0.6059
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.7647	0.2353	0.7666	0.5294	0.7157
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.1818	0.1259	0.0662	0.1009	0.3444
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7164	0.2836	0.6558	0.1989	0.6087
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8310	0.0676	0.7601	0.7709	0.2325
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5083	0.4917	0.5083	0.0167	0.9952
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9761	0.0239	0.9250	0.8429	0.1635
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
re0-wc	0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9269	0.0731	0.9275	0.8509	0.3139
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.5922	0.4078	0.5634	0.1241	0.9397
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8040	0.0653	0.7524	0.7559	0.2611
satimageF	0.9642	0.0358	0.9019	0.7936	0.2315
satimageT	0.8802	0.1198	0.4906	-0.0109	0.6531
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9231	0.0769	0.6120	0.2121	0.6408
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9264	0.0210	0.9326	0.9139	0.0863
segmentation	0.7723	0.2277	0.7588	0.5156	0.7240
segmentO	0.9740	0.0260	0.9483	0.8965	0.2522
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8451	0.1549	0.5615	0.1012	0.7185
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8737	0.1263	0.6573	0.2750	0.6263
sens-4-gram	0.8316	0.1684	0.6188	0.2371	0.7439
sens-5-gram	0.8579	0.1421	0.6264	0.2355	0.7009
sens-6-gram	0.8447	0.1553	0.5925	0.1733	0.7347
sens-7-gram	0.8184	0.1816	0.5546	0.1069	0.7723
sens-8-gram	0.8289	0.1711	0.5652	0.1254	0.7626
sens-9-gram	0.7447	0.2553	0.6055	0.1917	0.6974
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8913	0.1087	0.7596	0.4599	0.4487
shuttle	0.9612	0.0111	0.6324	0.8967	0.3066
sick	0.9469	0.0530	0.7480	0.4738	0.4921
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2033	0.3187	0.2187	-0.0008	0.7794
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.3500	0.6500	0.3231	-0.3000	1.0000
soybean	0.1324	0.0913	0.0123	0.0000	0.3690
spam-detection	0.8965	0.1035	0.5478	0.0622	0.6125
spambase	0.8870	0.1130	0.8813	0.7586	0.4517
spect	0.6667	0.3333	0.5452	0.0899	0.8578

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectf	0.6857	0.3143	0.5795	0.1538	0.8769
spectrometer	0.7308	0.0199	0.6703	0.7153	0.0996
splice-EI	0.9306	0.0694	0.9171	0.8275	0.3942
splice-IE	0.9022	0.0978	0.8666	0.7330	0.5007
sport-articles	0.8000	0.2000	0.7815	0.5402	0.6155
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.6789	0.2140	0.6350	0.4822	0.5611
steel-b	0.7949	0.2051	0.7134	0.4236	0.7340
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9590	0.0410	0.9356	0.8693	0.2472
steel-o	0.7282	0.2718	0.6866	0.3647	0.7935
steel-p	0.9026	0.0974	0.6266	0.2459	0.6675
steel-s	0.9692	0.0308	0.8512	0.6845	0.5231
steel-z	0.9333	0.0667	0.8431	0.6745	0.5417
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8958	0.1042	0.8214	0.6426	0.5583
stockb	0.8943	0.0705	0.9004	0.8414	0.1739
streaming	0.6120	0.3880	0.6098	0.1634	0.7808
stress	0.9683	0.0127	0.9700	0.9603	0.0360
student-lifestyle	0.6150	0.1540	0.3368	0.3781	0.4335
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4800	0.2080	0.2213	0.1709	0.4295
student-weekend	0.4462	0.2215	0.2630	0.2016	0.4526
student-workday	0.7031	0.1187	0.2282	0.1124	0.2912
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7616	0.2384	0.7678	0.5069	0.6514
susy10%	0.6925	0.3075	0.6956	0.3608	0.7606
tae	0.6000	0.2667	0.6063	0.4000	0.5219
telco-churn	0.8963	0.1037	0.8656	0.7310	0.4932
texture	0.9436	0.0102	0.9466	0.9378	0.0730
theorem	0.8445	0.1555	0.8391	0.6758	0.5683
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.7368	0.2632	0.6953	0.3874	0.7920
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.4118	0.2941	0.3913	0.2130	0.4009
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.4186	-0.0736	0.7975
trec11-wc	0.0732	0.2060	0.0152	0.0000	0.3657
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.6750	0.1625	0.6644	0.5667	0.3263
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.6308	0.3692	0.3868	0.0000	0.4852

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8379	0.7917	0.1628
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9821	0.0179	0.4955	-0.0090	0.5548
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7619	0.1190	0.7398	0.6796	0.2580
vehicleVAN	0.9524	0.0476	0.9354	0.8689	0.2600
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6263	0.0680	0.6332	0.5889	0.1774
vowelZ	0.9495	0.0505	0.8905	0.7556	0.4786
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.8462	0.0308	0.7560	0.8255	0.0452
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.5959	0.1155	0.5853	0.5257	0.4472
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.5895	0.1173	0.5843	0.5196	0.4315
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2167	0.3917	0.2169	-0.0446	0.8847
waveform	0.7860	0.1427	0.7893	0.6793	0.4159
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.7926	0.1383	0.6421	0.6117	0.4294
Weekly	0.9815	0.0185	0.9815	0.9623	0.0972
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5786	0.1405	0.2685	0.3164	0.4090
winequality-white	0.5337	0.1332	0.2763	0.2631	0.4952
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.6250	0.0500	0.5790	0.5983	0.0878
yeast	0.4257	0.1276	0.1696	0.2280	0.3856
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.4570	0.1086	0.4714	0.3639	0.3038

Table 430: Detailed results for RFRULES

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1855	0.0776	0.1780	0.1028	0.5286
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7778	0.2222	0.4375	-0.1163	0.8180
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.6098	0.2105	0.8520
AID644red	0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.6786	0.3571	0.7720
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8826	0.1174	0.8324	0.6371	0.4254
air_pollution	0.4067	0.1695	0.1060	0.0137	0.3857
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7714	0.0914	0.4641	0.4212	0.2790
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.9488	0.0512	0.9437	0.8871	0.2728
anneal	0.9551	0.0180	0.7611	0.9047	0.1228
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9944	0.0056	0.8878	0.7474	0.5000
anuran-family	0.9291	0.0355	0.8905	0.8609	0.1370
anuran-genus	0.9332	0.0167	0.8607	0.8853	0.0806
anuran-species	0.9458	0.0108	0.8985	0.9241	0.0726
anxiety	0.0917	0.2019	0.0816	-0.0241	0.8122
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.7111	0.0444	0.3718	0.4864	0.2106

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9804	0.0196	0.9549	0.9056	0.0721
audiology	0.8182	0.0331	0.7357	0.7843	0.0881
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9500	0.0167	0.7933	0.9340	0.0386
avila	0.7245	0.0459	0.6783	0.6097	0.2400
babies	0.4274	0.1636	0.1413	0.1031	0.4620
balance	0.8548	0.0968	0.6889	0.7365	0.3587
bank	0.9090	0.0910	0.7760	0.5518	0.6020
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8479	0.1521	0.8331	0.6525	0.5264
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9945	0.0055	0.8167	0.5975	0.2371
biodeg	0.8667	0.1333	0.8571	0.7118	0.5200
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7206	0.4324	0.7241
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.7636	0.7755	0.1061
bridges	0.8000	0.0571	0.6857	0.7143	0.1393
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8873	0.7500	0.4011
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8908	0.0546	0.6338	0.7708	0.2517
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography	0.8404	0.0319	0.8051	0.8080	0.1885
cardiotocography-nsp	0.9061	0.0626	0.8195	0.7281	0.3218
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8500	0.1000	0.7862	0.7273	0.3751
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.6677	0.3323	0.6703	0.3108	0.7929
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.7097	0.2903	0.7068	0.4088	0.7993
cas_N6512_RDkit_MACCS_FP	0.7377	0.2623	0.7361	0.4722	0.7699
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7202	0.2798	0.6826	0.3612	0.8103
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9545	0.0455	0.6100	0.1402	0.4520
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8480	0.1520	0.7341	0.4276	0.5801
churn-bigml	0.9326	0.0674	0.8533	0.6825	0.3223
ci900367j_MACCS	0.7684	0.2316	0.7482	0.4915	0.7243
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.5216	0.5270	0.3983
cjs	0.2429	0.2524	0.0651	0.0000	0.3839
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.6796	0.1602	0.4492	0.4790	0.4378
climate	0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111	0.5833	0.2778	0.6667	0.3333	0.4065
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5646	0.2902	0.5490	0.3077	0.6479
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.7997	0.0364	0.6257	0.7536	0.2190
coil20	0.9792	0.0021	0.9804	0.9781	0.0150
college	0.9091	0.0909	0.8822	0.7601	0.4164
collins	0.9800	0.0027	0.9221	0.9780	0.0058
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.7241	0.2759	0.6740	0.3256	0.7761
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.5862	0.4138	0.5735	0.1471	0.9416
colposcopies-4	0.7586	0.2414	0.7099	0.4183	0.7672
colposcopies-5	0.7586	0.2414	0.5412	0.0814	0.8234
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.7241	0.2759	0.6954	0.3696	0.7444
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.6875	0.3125	0.6888	0.3756	0.8312
coupon	0.6309	0.3691	0.6149	0.1955	0.8283
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.6883	0.0891	0.5831	0.4842	0.3639
covtypeCD	0.9488	0.0512	0.8846	0.7615	0.3256
covtypeT	0.9530	0.0470	0.8013	0.5959	0.4750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8765	0.0412	0.6532	0.7235	0.2219
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.3750	0.0312	0.2625	0.3568	0.1070
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.1590	-0.0106	0.8729
cyclopentane	0.7407	0.2593	0.7463	0.4522	0.6597
cylinder-bands	0.6667	0.3333	0.6634	0.3259	0.8591
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8267	0.1733	0.7124	0.3759	0.6065
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8929	0.1071	0.6752	0.2961	0.5622
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.6525	0.4286	0.5000
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7296	0.5181	0.4007
DIA	0.8333	0.1667	0.7575	0.4872	0.5975
diabetes	0.7692	0.2308	0.7506	0.4834	0.6895
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%	0.6176	0.2549	0.4056	0.2312	0.4388
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.6667	0.3333	0.6495	0.2941	0.8617
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5408	0.4592	0.5317	0.0466	0.8780
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7065	0.1956	0.6750	0.5013	0.4027
drug-01	0.3936	0.1733	0.1309	0.0312	0.4518
drug-02	0.4787	0.1489	0.1894	0.0236	0.5835
drug-03	0.6862	0.1046	0.1878	0.0752	0.3168
drug-04	0.5160	0.1383	0.1732	0.0955	0.4973
drug-05	0.7287	0.0775	0.1204	-0.0081	0.2227
drug-06	0.3723	0.1793	0.2456	0.2125	0.6377
drug-07	0.4096	0.1968	0.1449	-0.0087	0.4097
drug-08	0.5957	0.1155	0.2484	0.1660	0.2726
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5053	0.1413	0.1410	0.0315	0.4712
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1945	0.2319	0.3161
drug-14	0.5851	0.1185	0.2171	0.1470	0.4430
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.5745	0.1418	0.2665	0.2632	0.4718
drug-17	0.3564	0.1839	0.1815	0.1284	0.6648
drug-18	0.9894	0.0043	0.1989	-0.0027	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.8979	0.0292	0.9087	0.8764	0.1540
ecoli	0.8235	0.0441	0.5214	0.7542	0.1256
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU	0.9697	0.0303	0.9024	0.7843	0.0972
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.3100	0.3450	0.3174	0.0769	0.7881
eeg	0.3613	0.0798	0.3774	0.2827	0.5549
eeg-eye	0.7029	0.2971	0.6981	0.3950	0.8179
eeg10%	0.3892	0.0764	0.3690	0.3188	0.5569
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6027	0.1589	0.5728	0.4906	0.4440
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8922	0.1078	0.8932	0.7826	0.4328
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.7846	0.0253	0.6942	0.7544	0.1840
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6471	0.3529	0.6402	0.2644	0.8521
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8750	0.0417	0.8970	0.8424	0.1009
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.8846	0.0577	0.8658	0.8398	0.1322
gas	0.9511	0.0163	0.9492	0.9407	0.0971
gastrointestinal	0.6875	0.2083	0.6466	0.4839	0.4181
gender	0.5937	0.2709	0.4049	0.0319	0.3773
gene	0.8896	0.0736	0.8758	0.8245	0.2939
german	0.6900	0.3100	0.6276	0.2092	0.7730
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.8559	0.1441	0.8591	0.7124	0.5238
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7619	0.0794	0.7208	0.6708	0.2563
glass-g2	0.5000	0.5000	0.4667	-0.0667	0.9927
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.6842	0.3158	0.6910	0.3736	0.8166
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.4000	0.3000	0.3000	0.1667	0.2128
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage	0.4000	0.3000	0.4620	0.1718	0.5538
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9122	0.0146	0.7934	0.8962	0.0870
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.8717	0.0367	0.5133	0.8076	0.1430
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth	0.4492	0.0918	0.0517	0.0000	0.2692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth1%	0.8236	0.0294	0.4013	0.7582	0.1838
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.7647	0.2353	0.7792	0.4688	0.4308
health-activity	0.7500	0.1250	0.2143	-0.0305	0.3328
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.7742	0.2258	0.7941	0.5580	0.6147
heart-c	0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6509	0.3491	0.6534	0.3045	0.8712
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.1429	0.2143	0.0618	-0.0566	0.3590
hinselmann	0.5000	0.5000	0.3333	-0.3158	0.8298
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8600	0.1400	0.7047	0.3275	0.5134
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.5866	0.3171	0.6145
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.7212	0.1859	0.7315	0.5832	0.4935
htru2	0.9771	0.0229	0.9279	0.8514	0.1945
hypothyroid	0.9894	0.0053	0.7191	0.9331	0.0189
hypothyroidT	0.9920	0.0080	0.9716	0.9431	0.1266
ilpd	0.7797	0.2203	0.7069	0.3879	0.7023
immuno-therapy	0.6667	0.3333	0.5950	0.1818	0.8134
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8460	0.0118	0.8563	0.8398	0.1226
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.8805	0.0266	0.8744	0.8644	0.1657
kc1	0.8531	0.1469	0.6473	0.2225	0.5902
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.6154	0.1538	0.4011	0.3500	0.3613
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6081	0.1734	0.7219
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9854	0.0022	0.3422	0.9752	0.0155
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.4702	0.0589	0.4907	0.4036	0.4208
krvskp	0.9436	0.0564	0.9434	0.8869	0.2908
la1s-wc	0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	0.8333	0.1667	0.8537	0.6667	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leaf	0.6765	0.0281	0.6430	0.6603	0.0711
led24	0.7000	0.0600	0.6724	0.6610	0.1227
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8560	0.0111	0.8600	0.8502	0.1529
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7500	0.0333	0.7439	0.7318	0.0997
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7353	0.2647	0.6791	0.3489	0.7915
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.5188	0.0875	0.2530	0.3487	0.4256
lrs	0.8491	0.0302	0.5650	0.7891	0.1072
lung	0.9048	0.0381	0.9021	0.8190	0.1639
lung_discrete	0.5000	0.1429	0.4615	0.4074	0.2127
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.5556	0.4444	0.3571	0.0000	0.5164
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9012	0.8006	0.4106
madelon	0.8154	0.1846	0.8157	0.6308	0.6323
magic04	0.8196	0.1804	0.7965	0.5835	0.6179
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8444	0.6875	0.5712
marketing	0.8795	0.1205	0.7113	0.3259	0.4539
maternal	0.6436	0.2376	0.6512	0.4570	0.5838
math	0.8500	0.0750	0.7763	0.7578	0.1519
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2100	0.3160	0.2046	0.0106	0.8476
messidor	0.6348	0.3652	0.6322	0.2637	0.8930
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9300	0.0140	0.9324	0.9222	0.0772
mfeat-fou	0.7450	0.0510	0.7514	0.7167	0.2205
mfeat-kar	0.9250	0.0150	0.9268	0.9167	0.0923
mfeat-mor	0.7050	0.0590	0.7060	0.6722	0.2099
mfeat-pix	0.8850	0.0230	0.8882	0.8722	0.1291
mfeat-zer	0.7450	0.0510	0.7527	0.7167	0.1877
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.2059	0.3176	0.0683	0.0000	0.3999
mobile	0.8566	0.0051	0.8657	0.8540	0.0660
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.8689	0.1311	0.8524	0.7028	0.5263
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9865	0.0135	0.9866	0.9729	0.0809
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9152	0.0848	0.8217	0.5940	0.3134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.6990	0.3010	0.6935	0.3864	0.8235
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.7242	0.2758	0.7115	0.4123	0.7736
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.7068	0.2932	0.6954	0.3817	0.8003
myocardial	0.8706	0.0324	0.2773	0.3254	0.1701
naticusdroid	0.9328	0.0672	0.9341	0.8656	0.3096
NCI60	0.6667	0.1111	0.6222	0.6000	0.1039
nci9	0.5000	0.1111	0.3030	0.4194	0.0753
ncRNA1%	0.8783	0.0128	0.2655	0.6143	0.2207
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6350	0.3650	0.6314	0.2598	0.8914
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.3141	0.0226	0.5785
nursery	0.9028	0.0389	0.6545	0.8570	0.1638
obesity	0.9242	0.0217	0.9239	0.9115	0.0996
obs	0.9630	0.0185	0.9733	0.9448	0.0718
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9862	0.0069	0.9568	0.9576	0.0416
oh0-wc	0.8218	0.0356	0.8512	0.7950	0.1573
oh10-wc	0.6571	0.0686	0.6553	0.6082	0.2834
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9123	0.0877	0.6297	0.1780	0.5108
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9342	0.0132	0.9361	0.9268	0.0929
optdigitsZ	0.9929	0.0071	0.9778	0.9553	0.0921
orl	0.8750	0.0063	0.8493	0.8718	0.0208
orlraws10P	0.8000	0.0400	0.7742	0.7778	0.0497
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7938	0.2062	0.7626	0.5196	0.6881
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8644	0.7288	0.5251
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9506	0.0197	0.6810	0.6500	0.1236
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.9194	0.0806	0.9140	0.8259	0.3614
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.8715	0.1285	0.8428	0.6853	0.5593
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7498	0.4583	0.5776

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pediatric-leukemia	0.8235	0.0504	0.7667	0.7823	0.1530
pendigits	0.9600	0.0080	0.9599	0.9555	0.0603
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.7778	0.2222	0.7500	0.5000	0.7296
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9306	0.0694	0.9274	0.8547	0.3467
PhiUSIIL	0.4281	0.5719	0.2998	0.0000	0.5287
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.7657	0.0669	0.7494	0.7256	0.2345
phone-acc1%	0.1413	0.2453	0.0354	0.0000	0.4030
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.7753	0.0642	0.7808	0.7374	0.2307
phone-gyr1%	0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.8278	0.1722	0.7775	0.5483	0.6399
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6974	0.3026	0.6719	0.3150	0.7801
pirvision	0.9843	0.0105	0.9723	0.9498	0.0825
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5263	0.4737	0.5179	0.0339	0.9701
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5356	0.1327	0.1549	0.1012	0.2969
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9543	0.0457	0.7919	0.5363	0.3325
polya	0.7211	0.2789	0.6986	0.3971	0.8057
popularity	0.6648	0.2235	0.4111	0.1869	0.4451
post-operative	0.5556	0.2963	0.3333	0.0000	0.4796
postures	0.8097	0.0761	0.8096	0.7622	0.2834
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6816	0.3529	0.8237
prestige	0.5556	0.2963	0.5278	0.3208	0.4500
primary-tumor	0.4242	0.0886	0.3316	0.3556	0.3276
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6866	0.3134	0.5973	0.0881	0.6346
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9282	0.0287	0.8777	0.9032	0.1471
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5129	0.4871	0.5150	0.0262	0.9462
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc	0.8333	0.0256	0.8285	0.7790	0.1826
re1-wc	0.7831	0.0173	0.6566	0.7508	0.1981
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6197	0.3803	0.6185	0.0838	0.5762
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimage	0.8600	0.0467	0.8384	0.8263	0.1916
satimageF	0.9876	0.0124	0.9673	0.9325	0.0497
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.5556	0.4444	0.5303	0.0526	0.7987
schizo	0.5000	0.5000	0.5000	0.0000	0.9949
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9567	0.0124	0.9621	0.9494	0.0516
segmentation	0.8218	0.1782	0.8134	0.6232	0.6315
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9419	0.0581	0.7093	0.1994	0.1524
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9497	0.0091	0.9503	0.9447	0.0625
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8938	0.1062	0.7720	0.5262	0.5440
shuttle	0.9983	0.0005	0.6681	0.9952	0.1015
sick	0.9761	0.0239	0.8960	0.7685	0.0796
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2000	0.4000	0.2002	-0.0764	0.8035
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7698	0.0767	0.7334	0.7039	0.2016
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8891	0.1109	0.8844	0.7688	0.4734
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer	0.5769	0.0313	0.5055	0.5515	0.1494
splice-EI	0.9306	0.0694	0.9202	0.8302	0.3811
splice-IE	0.8612	0.1388	0.7974	0.5893	0.5897
sport-articles	0.8700	0.1300	0.8588	0.7132	0.5036
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8781	0.0812	0.8473	0.8020	0.2691
steel-b	0.8359	0.1641	0.7165	0.3560	0.5323
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9744	0.0256	0.9601	0.9191	0.1618
steel-o	0.7897	0.2103	0.7598	0.5050	0.6708
steel-p	0.9077	0.0923	0.5525	0.0695	0.5980
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stellar	0.5945	0.2703	0.2486	0.0000	0.3397

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stock	0.9514	0.0486	0.9156	0.8165	0.1474
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.5520	0.4480	0.3557	0.0000	0.5174
stress	0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.2800	0.2880	0.1493	-0.0894	0.6292
student-weekend	0.3538	0.2585	0.2203	0.0820	0.6037
student-workday	0.7031	0.1187	0.2522	0.1942	0.5547
studentap	0.2308	0.5128	0.1943	-0.2037	0.7901
susy1%	0.7608	0.2392	0.7594	0.5114	0.7149
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6667	0.2222	0.6667	0.5000	0.4870
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.9345	0.0119	0.9391	0.9278	0.0796
theorem	0.8903	0.1097	0.9009	0.7826	0.3607
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8947	0.1053	0.8683	0.7295	0.4423
tic-tac-toe	0.9474	0.0526	0.9421	0.8775	0.1798
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.8582	0.1418	0.7950	0.5698	0.5446
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.5882	0.2059	0.5983	0.4387	0.4093
toxicity	0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f	0.6471	0.3529	0.5858	0.1639	0.8952
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.9048	0.0317	0.7916	0.8641	0.0701
trec31-wc	0.9677	0.0108	0.9742	0.9570	0.0479
trec41-wc	0.9318	0.0136	0.8709	0.9164	0.0591
trec45-wc	0.8696	0.0261	0.7105	0.8481	0.1127
tuandromd	0.9664	0.0336	0.9470	0.8934	0.2325
turkish	0.6750	0.1625	0.6745	0.5667	0.4060
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.9231	0.0769	0.9169	0.8320	0.3521
tvnews10%	0.8296	0.1704	0.8133	0.6215	0.6042
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8471	0.7893	0.1359
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7262	0.1369	0.6808	0.6298	0.2835
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9767	0.0233	0.9773	0.9535	0.1262
vowel	0.5758	0.0771	0.6102	0.5333	0.2470
vowelZ	0.9394	0.0606	0.8167	0.6333	0.5293
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.6154	0.0769	0.4950	0.5695	0.1054

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
warppie10p	0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc1%	0.7176	0.0807	0.7225	0.6689	0.2853
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.7620	0.0680	0.7708	0.7218	0.2549
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2833	0.3583	0.2878	0.0459	0.8277
waveform	0.7940	0.1373	0.7946	0.6911	0.4332
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8148	0.1235	0.6760	0.6554	0.4187
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9600	0.0200	0.9609	0.9467	0.0770
wilt	0.9689	0.0311	0.8071	0.5576	0.2376
wine	0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red	0.6164	0.1279	0.2681	0.3603	0.4127
winequality-white	0.5194	0.1373	0.2366	0.2096	0.4632
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.4483	0.1576	0.6147	0.2810	0.3054
wisc_bc	0.9474	0.0526	0.9443	0.8880	0.2925
yale	0.5000	0.0667	0.4107	0.4599	0.1163
yeast	0.5608	0.0976	0.4495	0.4320	0.3553
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.6146	0.2292	0.5992
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9000	0.0200	0.8917	0.8878	0.1402

Table 431: Detailed results for RidgeCART

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1751	0.0569	0.0823	0.1020	0.5172
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9178	0.0822	0.6846	0.3578	0.6183
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9573	0.0427	0.9088	0.8163	0.3298
adult	0.8481	0.1519	0.7737	0.5349	0.6065
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8413	0.1587	0.5020	0.0040	0.7137
AID_1431_KlekotaRothFingerprinter	0.7063	0.2937	0.5073	0.0110	0.5634
AID_1431_MACCSFingerprinter	0.7857	0.2143	0.5101	0.0185	0.6434
AID_1878	0.7524	0.2476	0.5990	0.1975	0.8001
AID_602330	0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128	0.8384	0.1077	0.3881	0.1287	0.6223
AID1284Morered	0.7778	0.2222	0.6049	0.2044	0.7424
AID1284red	0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered	0.8544	0.1456	0.5728	0.1364	0.6271
AID1608red	0.8058	0.1942	0.5043	0.0067	0.5181
AID362red	0.9720	0.0280	0.4929	-0.0142	0.5507
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.5714	0.4286	0.3636	-0.2353	0.7045
AID439red	0.5714	0.4286	0.6818	0.2222	0.4422
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3500	0.6500	0.3122	-0.3542	0.9481
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.5556	0.4444	0.5303	0.0526	0.7987
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8498	0.1502	0.7871	0.5706	0.6201
air_pollution	0.2500	0.2143	0.1208	0.0149	0.6049
air-booking	0.8492	0.1508	0.5869	0.0828	0.5437
airline	0.9189	0.0811	0.9181	0.8358	0.3783
alcohol	0.7524	0.0990	0.4448	0.4830	0.3968
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8326	0.1674	0.8180	0.6358	0.6201
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9944	0.0056	0.8878	0.7474	0.5000
anuran-family	0.9193	0.0403	0.6319	0.8453	0.2189
anuran-genus	0.8734	0.0316	0.5865	0.7958	0.3072
anuran-species	0.8417	0.0317	0.6136	0.7801	0.2148
anxiety	0.1000	0.2000	0.0822	-0.0131	0.7242
apple-quality	0.7675	0.2325	0.7677	0.5350	0.7209
aps-failure	0.9916	0.0084	0.8740	0.7457	0.3357
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.8294	0.1706	0.6104	0.0485	0.1265
arabidopsis1%	0.9638	0.0362	0.6261	0.1636	0.3487
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.5556	0.0889	0.2735	0.3023	0.3628
auction	0.9216	0.0784	0.8129	0.6226	0.5186
audiology	0.7826	0.0181	0.3330	0.7505	0.0486
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0500	0.7137	0.7980	0.1121
avila	0.3766	0.1039	0.2487	0.2485	0.5097
babies	0.3306	0.1912	0.0959	0.0068	0.4273
balance	0.8710	0.0860	0.7476	0.7737	0.3913
bank	0.9075	0.0925	0.7367	0.4595	0.5786
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8963	0.1037	0.8867	0.7688	0.4254
basehock	0.8995	0.1005	0.8996	0.7990	0.4328
bio	0.9953	0.0047	0.8482	0.6510	0.0875
bio10%	0.9959	0.0041	0.8698	0.7253	0.2186
biodeg	0.8476	0.1524	0.8385	0.6769	0.5797
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.7607	0.0218	0.0395	0.0294	0.0491
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9149	0.0155	0.1190	0.0416	0.0341
body-perf	0.4052	0.2974	0.4020	0.2070	0.4367
bookings	0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor	0.5005	0.4995	0.5003	0.0005	0.9960
breast-cancer	0.7857	0.2143	0.7375	0.4750	0.7331
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.6364	0.1212	0.5346	0.5510	0.2080
bridges	0.4000	0.1714	0.4665	0.3023	0.2908
bub10at310k-hg16-17	0.9135	0.0865	0.6612	0.2633	0.5380
bub12at310k-hg16-17	0.9119	0.0881	0.6533	0.2493	0.5487
bub8at310k-hg16-17	0.9113	0.0887	0.6778	0.3344	0.6059
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.3940	0.4040	0.2879	-0.0596	0.5637
car	0.8851	0.0575	0.7395	0.7631	0.2909
car-insurance	0.8400	0.1600	0.8140	0.6280	0.6182
card	0.7826	0.2174	0.7812	0.5601	0.6942
cardiotocography	0.4507	0.1099	0.3318	0.3467	0.4813
cardiotocography-nsp	0.8639	0.0908	0.7508	0.5659	0.3197
cardiovascular	0.7351	0.2649	0.7359	0.4701	0.7681
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6179	0.5034	0.4048
cas_N6512_cdk_ECFP2	0.7174	0.2826	0.7163	0.4211	0.7727
cas_N6512_rdkit_ATOMPAIR	0.6338	0.3662	0.6315	0.2630	0.8976
cas_N6512_RDkit_AtomPair_FP	0.6028	0.3972	0.5991	0.1980	0.9273
cas_N6512_rdkit_AVALON	0.6912	0.3088	0.6913	0.3818	0.8299
cas_N6512_RDkit_Avalon_FP	0.7040	0.2960	0.7011	0.4012	0.8156
cas_N6512_rdkit_descriptors	0.7400	0.2600	0.7380	0.4758	0.7664
cas_N6512_rdkit_FEATMORGAN	0.6959	0.3041	0.6929	0.3850	0.8267
cas_N6512_RDkit_Featmorgan_FP	0.6718	0.3282	0.6682	0.3346	0.8545
cas_N6512_RDkit_FP	0.6610	0.3390	0.6574	0.3137	0.8678
cas_N6512_rdkit_LAYERED	0.6585	0.3415	0.6584	0.3161	0.8687
cas_N6512_RDkit_Layered_FP	0.6886	0.3114	0.6862	0.3723	0.8366

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7312	0.2688	0.7288	0.4534	0.7703
cas_N6512_RDkit_MACCS_FP	0.7653	0.2347	0.7639	0.5278	0.7267
cas_N6512_rdkit_MORGAN	0.6308	0.3692	0.6293	0.2586	0.8997
cas_N6512_RDkit_morgan_FP	0.6426	0.3574	0.6438	0.2863	0.8828
cas_N6512_rdkit_PATTERN	0.7062	0.2938	0.7049	0.4098	0.8134
cas_N6512_RDkit_pattern_FP	0.6948	0.3052	0.6937	0.3873	0.8278
cas_N6512_rdkit_RDKITFP	0.6406	0.3594	0.6396	0.2790	0.8893
cas_N6512_rdkit_TORSION	0.6569	0.3431	0.6567	0.3129	0.8706
ccds	0.9648	0.0352	0.7039	0.3479	0.4214
ccds1%	0.7912	0.2088	0.5088	0.0100	0.3658
ccds10%	0.8368	0.1632	0.5971	0.1275	0.4174
cdc_diabetes	0.8448	0.1035	0.4244	0.2298	0.3520
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7047	0.2953	0.7000	0.3916	0.7937
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7844	0.4877	0.2146
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9380	0.0620	0.6456	0.2902	0.6263
CDS49_AID687_Rdkit-ecfp4-fp	0.9743	0.0257	0.5270	0.0187	0.1518
census	0.9509	0.0491	0.7581	0.4909	0.4641
census10%	0.9502	0.0498	0.7462	0.4798	0.5190
central-nervous-system	0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.6302	0.2561	0.6215
cervical-S	0.9186	0.0814	0.7723	0.5432	0.6013
children-anemia	0.8752	0.0624	0.8011	0.8121	0.1885
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9827	0.0174	0.4956	-0.0015	0.0686
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9157	0.0843	0.5768	0.0985	0.5542
churn	0.8400	0.1600	0.7299	0.4491	0.6639
churn-bigml	0.8577	0.1423	0.6841	0.3616	0.6898
ci900367j_MACCS	0.7368	0.2632	0.7141	0.4254	0.7798
cirrhosis	0.7857	0.1429	0.5349	0.5675	0.4029
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7222	0.1389	0.4135	0.5380	0.2622
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.9200	0.0800	0.7382	0.3103	0.1938
cmc	0.3197	0.4535	0.3495	0.0609	0.6772
cnae-9	0.8704	0.0288	0.8758	0.8542	0.1380
codon_usage	0.6976	0.0550	0.4560	0.6406	0.4024
coil20	0.8681	0.0132	0.8841	0.8611	0.0730
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6207	0.3793	0.6328	0.2494	0.8405
colposcopies-2	0.5862	0.4138	0.5451	0.0890	0.9496
colposcopies-3	0.6207	0.3793	0.6141	0.2276	0.9066
colposcopies-4	0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5	0.8276	0.1724	0.7217	0.4402	0.7050
colposcopies-6	0.5862	0.4138	0.5852	0.1635	0.9220
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.6774	0.2151	0.6356	0.4343	0.3927
comedy_comparisons1%	0.5110	0.4890	0.5120	0.0239	0.9910

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7452	0.2548	0.7461	0.4907	0.7533
coupon	0.6593	0.3407	0.6510	0.3018	0.8734
covid19	0.1668	0.2381	0.1770	0.0179	0.3471
covtype	0.6161	0.1097	0.2959	0.3888	0.4773
covtype10%	0.6002	0.1142	0.3761	0.3615	0.4836
covtypeCD	0.9503	0.0497	0.8903	0.7786	0.3658
covtypeT	0.9545	0.0455	0.8167	0.6319	0.4889
crabs	0.9000	0.0500	0.9141	0.8667	0.1213
creditcard_trans	0.9995	0.0005	0.9179	0.8312	0.1674
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.7438	0.0854	0.4020	0.5093	0.3942
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.0938	0.0453	0.0375	0.0692	0.1774
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1333	0.2889	0.0924	-0.0375	0.6146
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.6296	0.3704	0.6140	0.2253	0.9028
darwin	0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0980	0.1804	0.0326	-0.0041	0.4889
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8260	0.1740	0.7142	0.3977	0.6453
defect	0.9043	0.0957	0.8092	0.6117	0.5247
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9020	0.0980	0.7249	0.4300	0.5808
depressed	0.7832	0.2168	0.4783	-0.0341	0.8101
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3667	0.0588	0.6762
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
df_final	0.6875	0.2083	0.7296	0.5181	0.4007
DIA	0.7333	0.2667	0.6602	0.3191	0.8052
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k	0.9675	0.0325	0.8874	0.7472	0.1019
diabetes-risk	0.8926	0.1074	0.8276	0.6500	0.5187
diabetic	0.5054	0.3298	0.4156	0.1419	0.6512
diabetic1%	0.3725	0.4183	0.3453	0.0323	0.7852
diabetic10%	0.4695	0.3536	0.3601	0.0687	0.7934
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.4742	0.2103	0.5113	0.3023	0.4782
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6667	0.3333	0.6857	0.3514	0.7987
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9914	0.0086	0.4978	-0.0038	0.3966
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.8174	0.1826	0.7690	0.4306	0.5050
dota2	0.5944	0.4056	0.5914	0.1819	0.9328
dota210%	0.5369	0.4631	0.5351	0.0702	0.9776
drebin	0.9694	0.0306	0.9674	0.9347	0.1979
dropout	0.7020	0.1986	0.6246	0.4612	0.4210
drug-01	0.2447	0.2158	0.1447	0.0367	0.6620
drug-02	0.3936	0.1733	0.1492	0.0979	0.5681
drug-03	0.5426	0.1307	0.1666	0.1583	0.4173
drug-04	0.3351	0.1900	0.1705	0.0865	0.5460
drug-05	0.5213	0.1368	0.1378	0.0218	0.3531

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-06	0.1170	0.2523	0.1070	-0.0105	0.6270
drug-07	0.4255	0.1641	0.1260	0.0083	0.3343
drug-08	0.2926	0.2021	0.1609	0.0812	0.5385
drug-09	0.7553	0.0699	0.1915	0.1992	0.3240
drug-10	0.2606	0.2112	0.1514	0.0728	0.5368
drug-11	0.6330	0.1049	0.1287	0.0704	0.3338
drug-12	0.5426	0.1307	0.1737	0.0883	0.3264
drug-13	0.4468	0.1581	0.2270	0.2215	0.5790
drug-14	0.3883	0.1748	0.2174	0.1696	0.4860
drug-15	0.5053	0.1413	0.1866	0.1311	0.4803
drug-16	0.4574	0.1550	0.2341	0.2455	0.4986
drug-17	0.2819	0.2052	0.1230	0.0223	0.5620
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.4840	0.1474	0.1386	0.0729	0.3756
drybean	0.8038	0.0561	0.7688	0.7647	0.2450
ecoli	0.7059	0.0735	0.4166	0.5943	0.2036
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9290	0.8479	0.3522
ecoliMU	0.7879	0.2121	0.5642	0.1149	0.6407
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2900	0.3550	0.2848	0.0530	0.8047
eeg	0.1723	0.1035	0.1401	0.0992	0.6747
eeg-eye	0.6989	0.3011	0.6945	0.3885	0.8242
eeg10%	0.1591	0.1051	0.1309	0.0869	0.6691
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4658	0.2137	0.4681	0.3328	0.5506
euthyroid	0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq	0.9149	0.0851	0.9149	0.8296	0.3874
exon.vs.intron-freq10%	0.9078	0.0922	0.9077	0.8152	0.4097
fakenews	0.4650	0.5350	0.4648	-0.0704	1.0000
farm-ads	0.8841	0.1159	0.8835	0.7671	0.4774
fbis-wc	0.3618	0.0751	0.3988	0.3105	0.5734
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.8627	0.1373	0.8624	0.7196	0.5076
financial-risk	0.6775	0.1075	0.5082	0.5045	0.3726
fishcatch	0.6875	0.1042	0.6819	0.6135	0.1762
flags	0.4500	0.1571	0.4099	0.3472	0.3424
fonts	0.0232	0.0128	0.0052	0.0093	0.4802
forest	0.9231	0.0385	0.9161	0.8936	0.1071
gas	0.9202	0.0266	0.9228	0.9032	0.1280
gastrointestinal	0.6875	0.2083	0.7054	0.4904	0.4694
gender	0.5389	0.3074	0.4823	0.0855	0.5392
gene	0.8454	0.1030	0.8240	0.7514	0.3533
german	0.6300	0.3700	0.5907	0.1814	0.9097
gestures	0.4058	0.2971	0.4632	0.2072	0.5926
gina	0.7349	0.2651	0.7353	0.4700	0.7715
gisette	0.9214	0.0786	0.9214	0.8429	0.3667
glass	0.7143	0.0952	0.5417	0.5962	0.2083
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM	0.6842	0.3158	0.6841	0.3596	0.8222
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.6000	0.2000	0.5556	0.4737	0.1226

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma-grade	0.8690	0.1310	0.8743	0.7381	0.4830
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.5223	0.2638	0.5185
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.6667	0.3333	0.4923	-0.0135	0.9051
hapt	0.9076	0.0154	0.6079	0.8905	0.1069
har	0.6519	0.1392	0.6548	0.5628	0.4252
har70	0.5970	0.1151	0.3924	0.4774	0.3874
har701%	0.5916	0.1167	0.4108	0.4761	0.3730
har7010%	0.6030	0.1134	0.3990	0.4842	0.3841
harth	0.5342	0.0776	0.2122	0.3873	0.3071
harth1%	0.5197	0.0800	0.2013	0.3696	0.3242
harth10%	0.5314	0.0781	0.1996	0.3756	0.3188
hayes-roth	0.5000	0.3333	0.5440	0.2335	0.4528
hcc-survival	0.7059	0.2941	0.7286	0.4295	0.7316
health-activity	0.5100	0.2450	0.2164	-0.0877	0.3484
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.9040	0.0960	0.8864	0.7684	0.4143
heart-quantum	0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hepmass	0.8476	0.1524	0.8477	0.6951	0.5654
hepmass1%	0.8440	0.1560	0.8442	0.6881	0.5732
hepmass10%	0.8466	0.1534	0.8467	0.6933	0.5675
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.6775	0.3225	0.6759	0.3518	0.8498
higgs0.1%	0.6591	0.3409	0.6626	0.3218	0.8589
higgs1%	0.6787	0.3213	0.6767	0.3529	0.8479
higgs10%	0.6779	0.3221	0.6761	0.3519	0.8489
higher	0.3571	0.1607	0.3111	0.2455	0.3252
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.8125	0.1875	0.8128	0.6206	0.6242
hiv1-proteasa	0.9089	0.0911	0.8470	0.6923	0.5354
hiva	0.8369	0.1631	0.5191	0.0247	0.3944
horse	0.5556	0.2963	0.5268	0.2653	0.6553
hotel-reservartions	0.8228	0.1772	0.7929	0.5818	0.6369
hr	0.8035	0.1965	0.5230	0.0445	0.7907
ht-sensor	0.6564	0.2291	0.6937	0.4716	0.4707
ht-sensor10%	0.6654	0.2230	0.6974	0.4869	0.4783
htru2	0.9782	0.0218	0.9316	0.8595	0.1908
hypothyroid	0.9682	0.0159	0.6478	0.8224	0.2341
hypothyroidT	0.9549	0.0451	0.8490	0.6968	0.4946
ilpd	0.7288	0.2712	0.6273	0.2313	0.7987
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9620	0.0190	0.9620	0.9493	0.0827
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.2760	0.0557	0.2833	0.2470	0.4986
jm1	0.8191	0.1809	0.6388	0.1847	0.5855
jvowels	0.5201	0.1066	0.5104	0.4541	0.4254
kc1	0.8483	0.1517	0.6625	0.3052	0.6871
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.3571	0.0536	0.0298	0.1544	0.0808
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc2	0.8077	0.1923	0.7312	0.4595	0.7161
kdc-4007	0.4838	0.1291	0.4927	0.3997	0.4029
kddcup981%	0.5579	0.4421	0.5450	0.0339	0.3058
kddcup9810%	0.7969	0.2031	0.5420	0.0584	0.4603
kddcup99	0.9902	0.0010	0.2303	0.9832	0.0675
kddcup991%	0.9767	0.0036	0.3129	0.9607	0.0662
kddcup9910%	0.9736	0.0028	0.2212	0.9553	0.0667
kepler	0.7552	0.1632	0.7238	0.5567	0.3325
kidney	0.6120	0.1552	0.1869	-0.0110	0.3100
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.1447	0.0950	0.1044	0.0611	0.6430
krvskp	0.9906	0.0094	0.9906	0.9811	0.0713
la1s-wc	0.5238	0.1587	0.5407	0.4233	0.4955
la2s-wc	0.5960	0.1347	0.5847	0.5095	0.4701
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.2353	0.0382	0.1343	0.2142	0.1287
led24	0.5000	0.1000	0.5286	0.4460	0.2476
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.1200	0.0677	0.1008	0.0840	0.5445
leukemia	0.8571	0.0952	0.8730	0.7742	0.1432
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.4722	0.0704	0.4262	0.4352	0.2041
linkage	0.9998	0.0002	0.9893	0.9784	0.0010
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9999	0.0001	0.9952	0.9903	0.0005
liver	0.7353	0.2647	0.7218	0.4354	0.7621
loan	0.9461	0.0539	0.9426	0.8838	0.2663
localization	0.2475	0.1368	0.1229	0.1259	0.6181
localization10%	0.2239	0.1411	0.1286	0.1060	0.5973
lrs	0.7358	0.0755	0.4665	0.6398	0.2014
lung	0.8571	0.0571	0.8327	0.7284	0.1893
lung_discrete	0.6250	0.1071	0.4898	0.5556	0.1220
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.8857	0.7949	0.1808
lung-cancer-harvard2	0.8333	0.1667	0.8182	0.5714	0.5283
lung-cancer-michigan	0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.7857	0.1071	0.6562	0.6348	0.1754
lymphoma2	0.7778	0.0741	0.7703	0.7143	0.1194
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.5346	0.4654	0.5346	0.0692	0.9788
magic04	0.8364	0.1636	0.8162	0.6237	0.5801
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8222	0.6430	0.6156
marketing	0.8661	0.1339	0.7135	0.4236	0.6699
maternal	0.6634	0.2244	0.6941	0.4772	0.4589
math	0.7500	0.1250	0.6806	0.6101	0.3261
mba	0.8306	0.1129	0.3721	0.0607	0.3338
mental-disorders	0.8333	0.0833	0.8654	0.7778	0.1572
mental-health	0.2200	0.3120	0.2762	0.0293	0.5878
messidor	0.7565	0.2435	0.7523	0.5046	0.7433
meter-A	0.7500	0.2500	0.7500	0.3846	0.4308
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.6931	0.7672	0.1489
meter-D	0.7778	0.1111	0.7603	0.7037	0.1380
mfeat-fac	0.8650	0.0270	0.8754	0.8500	0.1404
mfeat-fou	0.4500	0.1100	0.4725	0.3889	0.4321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-kar	0.4950	0.1010	0.5138	0.4389	0.4328
mfeat-mor	0.4450	0.1110	0.4222	0.3833	0.3201
mfeat-pix	0.5550	0.0890	0.5713	0.5056	0.4052
mfeat-zer	0.4950	0.1010	0.4868	0.4389	0.3864
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9151	0.0566	0.9221	0.8679	0.1515
mines	0.3824	0.2471	0.4731	0.2273	0.4533
mobile	0.0280	0.0347	0.0149	0.0103	0.4264
monks-1	0.9636	0.0364	0.9636	0.9272	0.2103
monks-2	0.7869	0.2131	0.7733	0.5435	0.6992
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.1061	0.1625	0.1608	0.0442	0.4965
musk	0.9530	0.0470	0.9062	0.8088	0.3074
MUT_ci300400a_cdk_ECFP2	0.7734	0.2266	0.7647	0.5273	0.7137
MUT_ci300400a_cdk_ECFP4	0.7365	0.2635	0.7299	0.4598	0.7751
MUT_ci300400a_cdk_ECFP6	0.6766	0.3234	0.6735	0.3454	0.8460
MUT_ci300400a_cdk_ESTATE	0.7338	0.2662	0.7223	0.4408	0.7739
MUT_ci300400a_cdk_EXTENDED	0.7302	0.2698	0.7199	0.4386	0.7844
MUT_ci300400a_cdk_FCFP2	0.8024	0.1976	0.7949	0.5876	0.6596
MUT_ci300400a_cdk_FCFP4	0.7662	0.2338	0.7579	0.5151	0.7291
MUT_ci300400a_cdk_FCFP6	0.7266	0.2734	0.7255	0.4482	0.7789
MUT_ci300400a_cdk_MACCS	0.7758	0.2242	0.7676	0.5342	0.7120
MUT_ci300400a_cdk_PUBCHEM	0.8144	0.1856	0.8075	0.6126	0.6352
MUT_ci300400a_cdk_STANDARD	0.7581	0.2419	0.7499	0.4995	0.7431
MUT_ci300400a_rdkit_descriptors	0.7920	0.2080	0.7857	0.5694	0.6789
myocardial	0.7235	0.0691	0.2847	0.2628	0.4179
naticusdroid	0.9625	0.0375	0.9625	0.9250	0.2151
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.3333	0.2222	0.2222	0.2000	0.2386
ncRNA	0.6937	0.0322	0.1592	0.3964	0.6048
ncRNA1%	0.6156	0.0405	0.1370	0.3127	0.5981
ncRNA10%	0.6618	0.0356	0.1358	0.3512	0.5694
neo	0.9085	0.0915	0.6566	0.2234	0.4879
new-thyroid	0.8571	0.0952	0.8437	0.7000	0.2880
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.3540	0.0294	0.3159	0.3368	0.4183
newspop	0.6572	0.3428	0.6542	0.3067	0.8703
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9440	0.0560	0.9323	0.8643	0.3318
NPHA-doctor-visits	0.4722	0.3519	0.3113	0.0000	0.7200
nursery	0.9252	0.0374	0.8801	0.8907	0.1700
obesity	0.8673	0.0379	0.8687	0.8451	0.1466
obs	0.6389	0.1806	0.6608	0.5053	0.4016
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9901	0.0049	0.9716	0.9701	0.0617
oh0-wc	0.6733	0.0653	0.6545	0.6307	0.3089
oh10-wc	0.5333	0.0933	0.5017	0.4721	0.3963
oh15-wc	0.4348	0.1130	0.4255	0.3699	0.4652
oh5-wc	0.5714	0.0857	0.6205	0.5233	0.3542
ohscal-wc	0.3414	0.1317	0.3507	0.2684	0.6671
olive	0.8246	0.0390	0.8066	0.7802	0.1418
opn310k	0.9113	0.0887	0.6509	0.2471	0.5564
opn310k10%	0.9094	0.0906	0.6479	0.2647	0.6073
opnat310k-hg16-17	0.9117	0.0883	0.6546	0.2563	0.5571
optdigits	0.6032	0.0794	0.6270	0.5584	0.3879
optdigitsZ	0.9947	0.0053	0.9834	0.9668	0.0845

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
orl	0.5250	0.0238	0.4620	0.5128	0.0912
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.6653	0.2922	0.5026
ozone8hr	0.9209	0.0791	0.6211	0.1984	0.5790
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6856	0.3144	0.6511	0.3022	0.8530
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7540	0.2460	0.7550	0.5084	0.7394
p53-mutants	0.9704	0.0296	0.6443	0.1552	0.2852
p53-mutants10%	0.8185	0.1815	0.4501	-0.0063	0.0411
page-blocks	0.9159	0.0336	0.5691	0.5531	0.3574
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.7678	0.2322	0.7613	0.5196	0.7224
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.9036	0.0964	0.8811	0.7622	0.4698
particle10%	0.8923	0.1077	0.8669	0.7338	0.5023
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.4897	0.5103	0.4887	-0.0224	0.9900
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7895	0.2105	0.7007	0.3962	0.7434
pediatric-leukemia	0.7059	0.0840	0.6676	0.6394	0.2708
pendigits	0.4641	0.1072	0.4935	0.4040	0.4405
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7843	0.2157	0.7648	0.5242	0.6950
personalities	0.2117	0.0985	0.2250	0.1591	0.6079
pet-adoption	0.9450	0.0550	0.9373	0.8732	0.2769
phishing	0.9510	0.0490	0.9489	0.8976	0.2724
PhiUSIIL	0.9999	0.0001	0.9999	0.9998	0.0013
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.6703	0.0942	0.6627	0.6136	0.3014
phone-acc0.1%	0.6355	0.1041	0.6401	0.5732	0.3054
phone-acc1%	0.6341	0.1045	0.6231	0.5711	0.3247
phone-acc10%	0.6654	0.0956	0.6590	0.6079	0.3074
phone-gyr	0.6900	0.0886	0.6742	0.6363	0.2817
phone-gyr0.1%	0.6432	0.1019	0.6351	0.5810	0.2774
phone-gyr1%	0.6391	0.1031	0.6432	0.5762	0.2852
phone-gyr10%	0.6629	0.0963	0.6459	0.6044	0.2911
phoneme	0.8204	0.1796	0.7677	0.5288	0.6575
phy	0.7184	0.2816	0.7190	0.4365	0.7929
pima	0.7500	0.2500	0.7322	0.4547	0.7404
pirvision	0.9895	0.0070	0.9819	0.9670	0.0760
placement	0.7900	0.2100	0.7834	0.5664	0.6879
plant-growth	0.5789	0.4211	0.5760	0.1364	0.9011
plrx	0.5000	0.5000	0.4121	-0.1739	0.9401
poker	0.4887	0.1023	0.1070	0.0804	0.2622
poker1%	0.4693	0.1516	0.1477	0.0502	0.3038
poker10%	0.4811	0.1297	0.1329	0.0714	0.2828
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9480	0.0520	0.6296	0.1246	0.3525
polish-5th	0.9459	0.0541	0.7416	0.4065	0.3622
polya	0.7557	0.2443	0.7302	0.4597	0.7590
popularity	0.6595	0.2270	0.4068	0.1747	0.4511
post-operative	0.3333	0.4444	0.1667	-0.3846	0.4858
postures	0.6389	0.1444	0.6801	0.5502	0.3964
pred-tox_mutagen_ref-desc	0.5882	0.4118	0.5897	0.1765	0.9301

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.0909	0.0826	0.0461	0.0416	0.2720
processed	0.9997	0.0003	0.9996	0.9992	0.0029
profb	0.7313	0.2687	0.7194	0.4306	0.7661
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.7734	0.0906	0.6801	0.6977	0.2993
puc-rio10%	0.7966	0.0814	0.6998	0.7270	0.2809
pufs-128	0.5015	0.4985	0.5015	0.0029	0.9985
pufs-1281%	0.5032	0.4968	0.5032	0.0063	0.9976
pufs-12810%	0.4989	0.5011	0.4989	-0.0022	0.9998
pufs-64	0.5163	0.4837	0.5164	0.0326	0.9878
pufs-641%	0.5088	0.4913	0.5087	0.0175	0.9949
pufs-6410%	0.5079	0.4921	0.5079	0.0158	0.9955
pulsar	0.9792	0.0208	0.9356	0.8672	0.1717
raisin	0.9333	0.0667	0.9351	0.8667	0.2999
rcv11%	0.4889	0.0249	0.2696	0.4478	0.4041
re0-wc	0.4267	0.0882	0.3506	0.3119	0.6318
re1-wc	0.4096	0.0472	0.4666	0.3591	0.4124
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.5976	0.0168	0.1722	0.4704	0.6898
rice	0.9857	0.0143	0.9856	0.9711	0.0943
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6372	0.3628	0.6142	0.2247	0.8974
RT_IOT2022	0.9786	0.0036	0.6169	0.9463	0.0274
satimage	0.6921	0.1026	0.6567	0.6270	0.3502
satimageF	0.9782	0.0218	0.9427	0.8849	0.2300
satimageT	0.9160	0.0840	0.7442	0.4812	0.5821
scadi	0.7143	0.0816	0.3896	0.6111	0.0825
schiller	0.4444	0.5556	0.3077	-0.3636	0.8576
schizo	0.6765	0.3235	0.6768	0.3529	0.8487
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.7949	0.2051	0.5446	0.0700	0.5326
secondary_mushroom	0.9718	0.0282	0.9716	0.9428	0.1620
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8485	0.0433	0.8608	0.8232	0.1719
segmentation	0.8366	0.1634	0.8238	0.6472	0.6102
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9380	0.0620	0.6579	0.1839	0.3687
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8500	0.1500	0.4595	-0.0334	0.6428
sens-10-gram	0.8451	0.1549	0.6018	0.1914	0.7309
sens-2-gram	0.8237	0.1763	0.6043	0.2083	0.7518
sens-3-gram	0.7711	0.2289	0.6213	0.2276	0.7087
sens-4-gram	0.7316	0.2684	0.5539	0.1003	0.7210
sens-5-gram	0.7237	0.2763	0.5496	0.0915	0.7166
sens-6-gram	0.7605	0.2395	0.5704	0.1355	0.7357
sens-7-gram	0.7605	0.2395	0.5055	0.0109	0.7706
sens-8-gram	0.7711	0.2289	0.5566	0.1113	0.7526
sens-9-gram	0.8000	0.2000	0.5624	0.1248	0.7676
sensorless	0.3867	0.1115	0.4304	0.3253	0.4098
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8905	0.1095	0.7791	0.5561	0.5958
shuttle	0.9645	0.0101	0.5473	0.9044	0.1567
sick	0.9788	0.0212	0.9082	0.8071	0.1898
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
skin	0.9826	0.0174	0.9745	0.9482	0.1847
skin10%	0.9804	0.0196	0.9716	0.9421	0.2011
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2200	0.3900	0.2313	-0.0394	0.8443
smk_can_187	0.7895	0.2105	0.7889	0.5778	0.6844
smoking	0.7508	0.2492	0.7406	0.4785	0.7519
soil_pollution	0.1933	0.3227	0.1582	-0.0130	0.7426
solar-flare	0.6619	0.1127	0.5277	0.5667	0.2064
sonar	0.4500	0.5500	0.4475	-0.1000	1.0000
soybean	0.9118	0.0093	0.9306	0.9033	0.0588
spam-detection	0.9530	0.0470	0.8580	0.7159	0.4566
spambase	0.9065	0.0935	0.9018	0.8021	0.4082
spect	0.5926	0.4074	0.5509	0.0917	0.8056
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.1346	0.0641	0.0792	0.0859	0.3365
splice-EI	0.9369	0.0631	0.9164	0.8328	0.3674
splice-IE	0.8896	0.1104	0.8509	0.7012	0.5377
sport-articles	0.8000	0.2000	0.7802	0.5510	0.6550
squash-stored	0.6000	0.2667	0.5000	0.3750	0.3000
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7871	0.1419	0.7619	0.6610	0.3836
steel-b	0.8359	0.1641	0.7290	0.4464	0.6666
steel-d	0.9744	0.0256	0.7350	0.4328	0.4212
steel-k	0.9846	0.0154	0.9767	0.9533	0.1586
steel-o	0.7692	0.2308	0.7393	0.4758	0.7367
steel-p	0.9282	0.0718	0.7214	0.4253	0.5579
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9744	0.0256	0.9334	0.8638	0.3518
stellar	0.9078	0.0615	0.8877	0.8357	0.2730
stock	0.9028	0.0972	0.8270	0.6505	0.5175
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9160	0.0840	0.9156	0.8289	0.3677
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.3600	0.2560	0.2671	0.1373	0.4474
student-depression	0.8337	0.1663	0.8276	0.6544	0.6000
student-habits	0.3400	0.2640	0.2010	-0.0066	0.6838
student-weekend	0.3231	0.2708	0.2359	0.0866	0.7538
student-workday	0.5312	0.1875	0.1925	0.0684	0.6694
studentap	0.3846	0.4103	0.3021	0.0189	0.7354
susy	0.7909	0.2091	0.7910	0.5724	0.6533
susy1%	0.7954	0.2046	0.7954	0.5819	0.6470
susy10%	0.7913	0.2087	0.7913	0.5732	0.6534
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9938	0.0062	0.9938	0.9875	0.0455
swarm_grouped	0.9954	0.0046	0.9951	0.9902	0.0296
tae	0.3333	0.4444	0.3521	0.0000	0.7341
telco-churn	0.8991	0.1009	0.8683	0.7356	0.4784
texture	0.8818	0.0215	0.8843	0.8697	0.1157
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7447	0.2553	0.4964	-0.0071	0.8042
thrombin	0.8796	0.1204	0.6621	0.1772	0.3263
Thyroid_Diff	0.9211	0.0789	0.9074	0.8131	0.4145
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8145	0.1855	0.7723	0.5386	0.6789
tis10%	0.8209	0.1791	0.7354	0.4503	0.6526
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1250	0.4583	0.4667	0.0988

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tox_171	0.9412	0.0294	0.9478	0.9209	0.0644
toxicity	0.5882	0.4118	0.5662	0.1314	0.9243
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.4717	-0.0417	0.8614
trec11-wc	0.6829	0.0705	0.6522	0.6270	0.2995
trec12-wc	0.8065	0.0484	0.7120	0.7660	0.1318
trec21-wc	0.8182	0.0606	0.5462	0.6471	0.1660
trec23-wc	0.6667	0.1111	0.7333	0.5928	0.2653
trec31-wc	0.8065	0.0645	0.7989	0.7479	0.2929
trec41-wc	0.7614	0.0477	0.6524	0.7132	0.2468
trec45-wc	0.6667	0.0667	0.6309	0.6178	0.2813
tuandromd	0.9731	0.0269	0.9576	0.9136	0.1604
turkish	0.7000	0.1500	0.7080	0.6000	0.3734
tvnews	0.8991	0.1009	0.8905	0.7806	0.4444
tvnews1%	0.7769	0.2231	0.7639	0.5272	0.7181
tvnews10%	0.8759	0.1241	0.8666	0.7332	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.5522	0.0995	0.5208	0.4824	0.3354
urinalysis	0.9231	0.0769	0.6942	0.3810	0.6215
ustilago	0.9898	0.0102	0.7329	0.4657	0.5269
ustilago1%	0.7606	0.2394	0.5959	0.0335	0.1069
ustilago10%	0.9553	0.0447	0.5902	0.1245	0.3660
vehicle	0.7143	0.1429	0.6908	0.6125	0.2808
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.4545	0.0992	0.4457	0.4000	0.2900
vowelZ	0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17	0.9208	0.0792	0.7027	0.3554	0.5108
wap-wc	0.5641	0.0436	0.5307	0.5274	0.3318
warpar10p	0.6923	0.0615	0.6055	0.6533	0.0920
warppie10p	0.9524	0.0095	0.9623	0.9468	0.0229
watch-acc	0.6535	0.0990	0.6610	0.5955	0.3105
watch-acc1%	0.5789	0.1203	0.5798	0.5089	0.3952
watch-acc10%	0.6316	0.1052	0.6265	0.5705	0.3085
watch-gyr	0.6630	0.0963	0.6858	0.6076	0.3032
watch-gyr1%	0.6036	0.1133	0.6187	0.5372	0.3240
watch-gyr10%	0.6124	0.1107	0.6202	0.5482	0.3391
water_pollution	0.2733	0.3633	0.1818	0.0266	0.5711
waveform	0.7540	0.1640	0.7577	0.6308	0.4588
weather-related	0.8096	0.0346	0.7693	0.7843	0.1758
web-phishing	0.8074	0.1284	0.6812	0.6549	0.4771
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.6576	0.1370	0.6712	0.5660	0.4205
white-clover	0.5000	0.2500	0.3409	0.2500	0.1874
wifi-loc	0.9800	0.0100	0.9805	0.9733	0.0415
wilt	0.9938	0.0062	0.9699	0.9379	0.2404
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5157	0.1614	0.2367	0.2254	0.4429
winequality-white	0.3129	0.1963	0.1521	0.0150	0.3736
winnipeg	0.9748	0.0072	0.8323	0.9682	0.0489
winnipeg10%	0.9724	0.0079	0.8161	0.9650	0.0610
wisc_bc	0.9649	0.0351	0.9643	0.9261	0.2027
yale	0.5625	0.0583	0.4678	0.5294	0.1078
yeast	0.5135	0.0973	0.3342	0.3586	0.3746
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.5409	0.0918	0.5354	0.4845	0.4329

Table 432: Detailed results for RIPPER(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1511	0.0585	0.0676	0.0509	0.3588
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.6393	0.1000	0.5239
ads	0.9756	0.0244	0.9482	0.8950	0.1934
adult	0.8251	0.1749	0.7297	0.4199	0.6096
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9977	0.0023	0.5656	0.1239	0.4716
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8779	0.1221	0.8252	0.6197	0.4336
air_pollution	0.3933	0.1733	0.1209	-0.0034	0.5158
air-booking	0.8520	0.1480	0.6058	0.0321	0.3646
airline	0.9225	0.0775	0.9241	0.8392	0.2837
alcohol	0.7524	0.0990	0.3835	0.3895	0.2922
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.7674	0.2326	0.7583	0.5116	0.7220
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9499	0.0250	0.9096	0.9024	0.1021
anuran-genus	0.9221	0.0195	0.8451	0.8669	0.1312
anuran-species	0.8958	0.0208	0.8145	0.8545	0.1576
anxiety	0.1167	0.1963	0.0606	0.0006	0.4831
apple-quality	0.7150	0.2850	0.7474	0.4300	0.6139
aps-failure	0.9887	0.0113	0.8260	0.6475	0.3988
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.9912	0.0088	0.5590	0.0608	0.3815
arcene	0.5500	0.4500	0.6184	0.1818	0.7704
arrhythmia	0.7111	0.0444	0.4355	0.5401	0.3030

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9853	0.0147	0.9676	0.9349	0.2023
audiology	0.7391	0.0217	0.2678	0.6885	0.0792
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.6000	0.1333	0.5351	0.4613	0.3196
avila	0.9847	0.0026	0.9910	0.9801	0.0285
babies	0.3871	0.1751	0.1390	0.0169	0.3877
balance	0.7258	0.1828	0.5233	0.4908	0.3359
bank	0.9000	0.1000	0.7060	0.3908	0.5973
banknote	0.9781	0.0219	0.9779	0.9556	0.1390
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8295	0.1705	0.8117	0.6103	0.5787
basehock	0.8191	0.1809	0.8304	0.6377	0.5415
bio	0.9957	0.0043	0.8746	0.7488	0.3632
bio10%	0.9931	0.0069	0.8060	0.6119	0.4733
biodeg	0.7810	0.2190	0.7626	0.5194	0.6990
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0010	0.0342	0.0000	0.0117
body-perf	0.5187	0.2407	0.5850	0.3582	0.4760
bookings	0.9905	0.0063	0.8128	0.9799	0.0151
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.5455	0.4545	0.5222	0.0351	0.9096
breast-tissue	0.4545	0.1818	0.4148	0.3400	0.2991
bridges	0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17	0.9130	0.0870	0.6545	0.2406	0.5247
bub12at310k-hg16-17	0.9138	0.0862	0.6549	0.2254	0.4926
bub8at310k-hg16-17	0.9148	0.0852	0.6763	0.3096	0.5576
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.3322	0.0003	0.3563
car	0.9655	0.0172	0.8201	0.9248	0.0379
car-insurance	0.8570	0.1430	0.8339	0.6678	0.5795
card	0.8116	0.1884	0.8145	0.6223	0.6266
cardiotocography	0.7746	0.0451	0.7693	0.7242	0.2205
cardiotocography-nsp	0.8779	0.0814	0.7611	0.6120	0.3549
cardiovascular	0.7203	0.2797	0.7313	0.4405	0.7338
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5325	0.2788	0.5759
cas_N6512_cdk_ECFP2	0.6359	0.3641	0.6763	0.2978	0.7400
cas_N6512_rdkit_ATOMPAIR	0.6538	0.3462	0.6831	0.3274	0.7659
cas_N6512_RDkit_AtomPair_FP	0.6334	0.3666	0.6781	0.2941	0.7227
cas_N6512_rdkit_AVALON	0.6928	0.3072	0.7199	0.4015	0.7208
cas_N6512_RDkit_Avalon_FP	0.6963	0.3037	0.7204	0.4070	0.7291
cas_N6512_rdkit_descriptors	0.6754	0.3246	0.6961	0.3652	0.7743
cas_N6512_rdkit_FEATMORGAN	0.6359	0.3641	0.6814	0.2995	0.7167
cas_N6512_RDkit_Featmorgan_FP	0.6488	0.3512	0.6876	0.3212	0.7294
cas_N6512_RDkit_FP	0.7193	0.2807	0.7260	0.4436	0.7708
cas_N6512_rdkit_LAYERED	0.7154	0.2846	0.7225	0.4361	0.7749
cas_N6512_RDkit_Layered_FP	0.7377	0.2623	0.7412	0.4779	0.7555
cas_N6512_rdkit_MACCS	0.6836	0.3164	0.7086	0.3829	0.7444
cas_N6512_RDkit_MACCS_FP	0.6549	0.3451	0.6997	0.3345	0.6925
cas_N6512_rdkit_MORGAN	0.6477	0.3523	0.6928	0.3211	0.7014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.6948	0.3052	0.7192	0.4041	0.7301
cas_N6512_rdkit_PATTERN	0.6908	0.3092	0.7197	0.3981	0.7147
cas_N6512_RDkit_pattern_FP	0.7623	0.2377	0.7732	0.5305	0.6827
cas_N6512_rdkit_RDKITFP	0.6882	0.3118	0.6928	0.3804	0.8207
cas_N6512_rdkit_TORSION	0.6754	0.3246	0.7109	0.3707	0.7069
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8427	0.1049	0.3942	0.0073	0.1836
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7565	0.2435	0.7573	0.5015	0.7129
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9424	0.0576	0.5492	0.0720	0.5791
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9431	0.0569	0.7142	0.4044	0.5283
census10%	0.9482	0.0518	0.7175	0.3998	0.4898
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8828	0.0586	0.6647	0.8227	0.1837
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9036	0.0964	0.5434	0.0707	0.6622
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.9363	0.0637	0.8665	0.7304	0.4249
ci900367j_MACCS	0.6211	0.3789	0.5357	0.0262	0.7015
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6667	0.2222	0.4762	0.2933	0.3389
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7639	0.1181	0.6414	0.6394	0.3681
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.3333	0.4444	0.3860	-0.1707	0.5514
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5170	0.3220	0.5240	0.2424	0.4805
cnae-9	0.8796	0.0267	0.8959	0.8646	0.1224
codon_usage	0.6861	0.0571	0.5281	0.6229	0.3627
coil20	0.9167	0.0083	0.9353	0.9123	0.0505
college	0.8182	0.1818	0.7946	0.5792	0.6499
collins	0.8200	0.0240	0.7296	0.8014	0.0863
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.7241	0.2759	0.7041	0.2468	0.4389
colposcopies-2	0.5862	0.4138	0.4820	-0.0235	0.8868
colposcopies-3	0.5862	0.4138	0.5635	0.1256	0.9452
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.7586	0.2414	0.6667	0.3165	0.7298
colposcopies-6	0.5862	0.4138	0.6117	0.1512	0.7438
colposcopies-c	0.7586	0.2414	0.6226	0.2281	0.7911
column-2c	0.7742	0.2258	0.7354	0.4694	0.7392
column-3c	0.8387	0.1075	0.8051	0.7323	0.1793
connect-4	0.9827	0.0115	0.6626	0.5044	0.3451
cottonmeloidogyne	0.7019	0.2981	0.7155	0.4057	0.7506
coupon	0.6688	0.3312	0.6701	0.2708	0.7062
covtype10%	0.7040	0.0846	0.6176	0.5085	0.4244
covtypeCD	0.9612	0.0388	0.9266	0.8483	0.3776
covtypeT	0.9740	0.0260	0.8994	0.7988	0.3640
crabs	0.8000	0.1000	0.8000	0.7333	0.1796

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans	0.9993	0.0007	0.8875	0.7738	0.3072
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.8654	0.0449	0.6314	0.6945	0.3033
cryotherapy	0.5556	0.4444	0.6667	0.1818	0.5283
cultivars	0.2500	0.0375	0.1935	0.2381	0.1963
customer-churn	0.9784	0.0216	0.5953	0.1090	0.3941
cybersecurity	0.1800	0.2733	0.1137	0.0042	0.4128
cyclopentane	0.5926	0.4074	0.6507	0.2326	0.7311
cylinder-bands	0.6667	0.3333	0.6997	0.3614	0.7481
darwin	0.7222	0.2778	0.7358	0.4444	0.7161
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1018	0.1796	0.0185	-0.0004	0.4127
dbworld	0.7143	0.2857	0.7083	0.4167	0.8058
default	0.8267	0.1733	0.7133	0.3858	0.6230
defect	0.8457	0.1543	0.6286	0.1687	0.5723
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8916	0.1084	0.6883	0.3536	0.6171
depressed	0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology	0.9459	0.0180	0.9244	0.9320	0.0515
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.7500	0.2500	0.7513	0.5000	0.7429
df_final	0.5000	0.3333	0.5965	0.2099	0.3713
DIA	0.7333	0.2667	0.6286	0.2558	0.8281
diabetes	0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k	0.9386	0.0614	0.7762	0.5383	0.4952
diabetic1%	0.5490	0.3007	0.3490	0.0452	0.4721
diabetic10%	0.5393	0.3071	0.3120	0.0035	0.3666
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8000	0.1000	0.7977	0.7221	0.2775
diamonds_all	0.6439	0.1425	0.5611	0.4959	0.4432
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9217	0.0783	0.7647	0.5285	0.5845
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.9774	0.0226	0.9757	0.9513	0.1454
dropout	0.6953	0.2032	0.6260	0.4465	0.4090
drug-01	0.3989	0.1717	0.2415	0.0236	0.4613
drug-02	0.5106	0.1398	0.0976	0.0096	0.3780
drug-03	0.6862	0.0897	0.1163	-0.0072	0.2441
drug-04	0.5160	0.1383	0.0986	0.0032	0.4646
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2766	0.2067	0.1391	0.0759	0.5161
drug-07	0.4149	0.1672	0.0854	-0.0026	0.4156
drug-08	0.5479	0.1292	0.1543	0.0365	0.3874
drug-09	0.8723	0.0365	0.2089	0.0712	0.1034
drug-10	0.5319	0.1337	0.1715	0.0077	0.4720
drug-11	0.8511	0.0426	0.1317	0.0277	0.1205
drug-12	0.7872	0.0608	0.1262	0.0131	0.2591
drug-13	0.5798	0.1201	0.1052	0.0052	0.2571
drug-14	0.5798	0.1201	0.2350	0.0985	0.5324
drug-15	0.7606	0.0684	0.1253	0.0723	0.1886
drug-16	0.5160	0.1383	0.1630	0.0472	0.4399
drug-17	0.3723	0.1793	0.2458	0.0915	0.3928

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1243	0.0097	0.2827
drybean	0.8663	0.0382	0.8563	0.8379	0.1907
ecoli	0.7059	0.0735	0.3727	0.5859	0.2321
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.8788	0.1212	0.6513	0.2747	0.5984
ecommerce	0.2400	0.3800	0.1821	-0.0020	0.5619
eeg	0.2643	0.0920	0.3323	0.1570	0.5601
eeg-eye	0.6642	0.3358	0.6843	0.2776	0.6481
eeg10%	0.1997	0.1000	0.2053	0.0877	0.5632
email_phishing	0.9869	0.0131	0.6354	0.0277	0.0898
eucalyptus	0.6027	0.1589	0.5584	0.4768	0.4085
euthyroid	0.9367	0.0633	0.8655	0.7092	0.5175
exon.vs.intron-freq10%	0.8890	0.1110	0.8915	0.7758	0.4236
fakenews	0.5075	0.4925	0.6028	0.0051	0.5275
farm-ads	0.7585	0.2415	0.7798	0.5259	0.6318
fbis-wc	0.6748	0.0383	0.5821	0.6307	0.2449
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5686	0.4314	0.6253	0.0475	0.5150
financial-risk	0.7395	0.0868	0.4856	0.5636	0.3066
fishcatch	0.6250	0.1250	0.5125	0.4947	0.2677
flags	0.6000	0.1000	0.3168	0.4737	0.2133
forest	0.7692	0.1154	0.7912	0.6829	0.2692
gas	0.9676	0.0108	0.9658	0.9608	0.0716
gastrointestinal	0.7500	0.1667	0.5769	0.5429	0.2455
gender	0.5811	0.2793	0.3317	0.0153	0.4668
gene	0.8864	0.0757	0.8686	0.8134	0.2605
german	0.6800	0.3200	0.6116	0.1645	0.7536
gestures	0.7337	0.1331	0.7510	0.6449	0.3818
gina	0.8790	0.1210	0.8797	0.7581	0.4845
gisette	0.9286	0.0714	0.9289	0.8571	0.3386
glass	0.7619	0.0794	0.7237	0.6613	0.1637
glass-g2	0.5000	0.5000	0.5333	0.0588	0.9056
glassBWFP	0.8571	0.1429	0.8740	0.7175	0.4205
glassBWNFP	0.6190	0.3810	0.6734	0.2941	0.7328
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.4000	0.3000	0.3529	0.1667	0.2580
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.6000	0.4000	0.7143	0.3103	0.5288
grub-damage	0.4000	0.3000	0.4410	0.1916	0.5302
gsalc	0.6667	0.1111	0.6667	0.6029	0.1390
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.8737	0.0210	0.7041	0.8501	0.1335
har	0.9261	0.0296	0.9233	0.9067	0.1378
har701%	0.8810	0.0340	0.5813	0.8205	0.1477
har7010%	0.8906	0.0313	0.6132	0.8333	0.1405
harth1%	0.8008	0.0332	0.4444	0.7226	0.2118
harth10%	0.7910	0.0348	0.4735	0.7116	0.2227
hayes-roth	0.6250	0.2500	0.6419	0.3806	0.5043
hcc-survival	0.5294	0.4706	0.5919	0.1392	0.8021
health-activity	0.7600	0.1200	0.2159	-0.0131	0.3198

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart	0.7778	0.2222	0.7713	0.5120	0.6272
heart-attack	0.8065	0.1935	0.8048	0.6043	0.6369
heart-c	0.8000	0.2000	0.8001	0.5946	0.6479
heart-failure	0.9700	0.0300	0.9650	0.9295	0.1765
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.8111	0.1889	0.8149	0.6218	0.6159
hepmass10%	0.7942	0.2058	0.8057	0.5878	0.5963
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.6923	0.3077	0.6596	0.2973	0.7623
higgs0.1%	0.5527	0.4473	0.6230	0.1454	0.6746
higgs1%	0.5850	0.4150	0.6436	0.2029	0.7035
higher	0.0714	0.2321	0.0833	-0.0898	0.4335
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8600	0.1400	0.7240	0.4360	0.6465
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6389	0.2407	0.5832	0.3684	0.6145
hotel-reservartions	0.8002	0.1998	0.7652	0.5253	0.6819
hr	0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor10%	0.9956	0.0029	0.9957	0.9934	0.0199
htru2	0.9749	0.0251	0.9222	0.8434	0.2789
hypothyroid	0.9841	0.0080	0.6948	0.8996	0.0665
hypothyroidT	0.9920	0.0080	0.9716	0.9431	0.1266
ilpd	0.6949	0.3051	0.5595	0.0985	0.8400
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9680	0.0160	0.9681	0.9573	0.0682
ionosphere	0.8000	0.2000	0.8073	0.5868	0.6084
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.6072	0.0302	0.6672	0.5915	0.2578
jm1	0.8127	0.1873	0.6441	0.0578	0.3744
jvowels	0.7631	0.0527	0.7875	0.7319	0.2614
kc1	0.8436	0.1564	0.6472	0.2726	0.6972
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.6429	0.0298	0.0341	0.1139	0.1206
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6081	0.1734	0.7219
kdc-4007	0.5835	0.1190	0.6776	0.5126	0.3225
kddcup981%	0.9158	0.0842	0.4780	-0.0411	0.6731
kddcup9810%	0.9456	0.0544	0.4860	-0.0060	0.3757
kddcup991%	0.9964	0.0006	0.7255	0.9938	0.0265
kepler	0.8515	0.0990	0.7994	0.7560	0.2440
kidney	0.7989	0.0804	0.1776	-0.0012	0.2092
kidney-disease	0.9250	0.0750	0.9216	0.8421	0.3697
krkopt	0.3725	0.0697	0.5282	0.2807	0.3639
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.7302	0.0899	0.7029	0.6483	0.3334
la2s-wc	0.7616	0.0795	0.7601	0.6897	0.2750
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.3235	0.0338	0.1913	0.3037	0.1458
led24	0.5000	0.1000	0.5160	0.4398	0.2673
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7930	0.0159	0.8313	0.7847	0.1806
leukemia	0.5714	0.2857	0.5072	0.3636	0.3379
leukemia2	0.7143	0.2857	0.7083	0.4167	0.8058
libra	0.4167	0.0778	0.4473	0.3773	0.2555

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0207
liver	0.6765	0.3235	0.4035	0.0000	0.4580
loan	0.9344	0.0656	0.9302	0.8576	0.2974
localization	0.5253	0.0863	0.3586	0.3381	0.3878
localization10%	0.4684	0.0966	0.2571	0.2452	0.3600
lrs	0.6981	0.0604	0.3274	0.5724	0.2209
lung	0.8095	0.0762	0.4990	0.5692	0.1321
lung_discrete	0.5000	0.1429	0.3084	0.3469	0.2015
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8500	0.0600	0.6724	0.6178	0.1332
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0494	0.4251	0.6667	0.1015
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5962	0.4038	0.6175	0.1923	0.8123
magic04	0.8380	0.1620	0.8203	0.6161	0.5170
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8125	0.6245	0.6395
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.7525	0.1650	0.7726	0.6163	0.3980
math	0.7250	0.1375	0.7130	0.5982	0.3800
mba	0.8371	0.1086	0.3038	-0.0030	0.2068
mental-disorders	0.5000	0.2500	0.5000	0.3333	0.3794
mental-health	0.2067	0.3173	0.1656	0.0002	0.4338
messidor	0.6087	0.3913	0.6499	0.2570	0.7882
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.7092	0.8414	0.0898
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.8300	0.0340	0.8579	0.8111	0.1402
mfeat-fou	0.5600	0.0880	0.6207	0.5111	0.2983
mfeat-kar	0.6750	0.0650	0.7305	0.6389	0.2756
mfeat-mor	0.7150	0.0570	0.7220	0.6833	0.1993
mfeat-pix	0.8950	0.0210	0.9037	0.8833	0.1172
mfeat-zer	0.5900	0.0820	0.6584	0.5444	0.2976
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9528	0.0314	0.9588	0.9276	0.1183
mines	0.5588	0.1765	0.5879	0.4528	0.2819
mobile	0.4755	0.0187	0.5662	0.4661	0.2328
monks-1	0.7455	0.2545	0.7843	0.4860	0.4644
monks-2	0.6393	0.3607	0.3900	-0.0323	0.6755
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3844	0.1119	0.3773	0.2009	0.5030
musk	0.9515	0.0485	0.9033	0.8034	0.3228
MUT_ci300400a_cdk_ECFP2	0.6535	0.3465	0.7120	0.3527	0.6638
MUT_ci300400a_cdk_ECFP4	0.6084	0.3916	0.6812	0.2793	0.6729
MUT_ci300400a_cdk_ECFP6	0.6874	0.3126	0.7228	0.4027	0.7094
MUT_ci300400a_cdk_ESTATE	0.6283	0.3717	0.6900	0.3090	0.6902
MUT_ci300400a_cdk_EXTENDED	0.7602	0.2398	0.7750	0.5292	0.6729
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5671	0.4329	0.6437	0.2096	0.7116
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_MACCS	0.7302	0.2698	0.7562	0.4782	0.6777
MUT_ci300400a_cdk_PUBCHEM	0.7150	0.2850	0.7448	0.4515	0.6875
MUT_ci300400a_cdk_STANDARD	0.7210	0.2790	0.7358	0.4527	0.7380
MUT_ci300400a_rdkit_descriptors	0.6817	0.3183	0.7214	0.3933	0.6977
myocardial	0.8765	0.0309	0.4228	0.4269	0.2923
naticusdroid	0.9441	0.0559	0.9442	0.8882	0.2871
NCI60	0.5000	0.1667	0.4286	0.4000	0.2097
nci9	0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA1%	0.8885	0.0117	0.3917	0.6518	0.3199
ncRNA10%	0.8919	0.0114	0.4382	0.6560	0.2799
neo	0.9092	0.0908	0.6596	0.1622	0.3662
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.8571	0.1429	0.8250	0.5882	0.5283
newspop	0.5363	0.4637	0.6054	0.1171	0.6881
NHANES_age_prediction	0.9780	0.0220	0.9624	0.9219	0.2562
nomao	0.9521	0.0479	0.9411	0.8821	0.2859
NPHA-doctor-visits	0.5139	0.3241	0.4081	-0.0052	0.4951
nursery	0.9985	0.0006	0.7990	0.9977	0.0050
obesity	0.8720	0.0366	0.8745	0.8506	0.1638
obs	0.9444	0.0278	0.9602	0.9168	0.0900
occupancy	0.9825	0.0175	0.9752	0.9502	0.1304
Occupancy_Estimation	0.9891	0.0054	0.9616	0.9668	0.0218
oh0-wc	0.7228	0.0554	0.7444	0.6789	0.2262
oh10-wc	0.5524	0.0895	0.5854	0.4816	0.3397
oh15-wc	0.6522	0.0696	0.6465	0.6046	0.2699
oh5-wc	0.5604	0.0879	0.6189	0.5011	0.3487
olive	0.7719	0.0507	0.7106	0.7222	0.1753
opn310k	0.9147	0.0853	0.6678	0.2753	0.5296
opn310k10%	0.9161	0.0839	0.6838	0.3399	0.5818
opnat310k-hg16-17	0.9173	0.0827	0.6853	0.3194	0.5296
optdigits	0.8541	0.0292	0.8762	0.8379	0.1489
optdigitsZ	0.9929	0.0071	0.9785	0.9569	0.1594
orl	0.5250	0.0238	0.4996	0.5128	0.1519
ovarian-cancer	0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9289	0.0711	0.6680	0.2785	0.5157
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7938	0.2062	0.7687	0.5373	0.7001
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8492	0.1508	0.8488	0.6975	0.5632
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9580	0.0168	0.7516	0.7320	0.2472
parkinson	0.9500	0.0500	0.9516	0.8984	0.2374
parkinsons	0.7014	0.2986	0.7170	0.4129	0.7568
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.8524	0.1476	0.8430	0.6693	0.5592
particle10%	0.7738	0.2262	0.7903	0.5348	0.6053
pasture	0.5000	0.3333	0.5000	0.2727	0.3214
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.6765	0.0924	0.6348	0.5961	0.2086
pendigits	0.9163	0.0167	0.9228	0.9069	0.1108
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.5556	0.4444	0.3571	-0.2000	0.9762
persistency	0.7843	0.2157	0.7902	0.5657	0.6593
pet-adoption	0.9350	0.0650	0.9263	0.8477	0.2815
phishing	0.9469	0.0531	0.9445	0.8889	0.2873
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phone-acc0.1%	0.6876	0.0893	0.6892	0.6347	0.2789
phone-acc1%	0.7048	0.0843	0.7234	0.6550	0.2482
phone-gyr0.1%	0.7150	0.0814	0.7286	0.6667	0.2871
phone-gyr1%	0.7334	0.0762	0.7511	0.6882	0.2616
phoneme	0.8444	0.1556	0.7980	0.5712	0.5410
phy	0.5880	0.4120	0.6522	0.1723	0.6005
pima	0.6053	0.3947	0.3770	0.0000	0.4977
pirvision	0.9902	0.0065	0.9828	0.9688	0.0574
placement	0.7820	0.2180	0.7769	0.5335	0.6453
plant-growth	0.7368	0.2632	0.7841	0.4865	0.4786
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.5114	0.1086	0.3055	0.0300	0.2086
poker1%	0.5015	0.0997	0.1298	0.0110	0.3265
poker10%	0.5121	0.0976	0.2527	0.0334	0.2606
polish-1st	0.9687	0.0313	0.7311	0.3769	0.3207
polish-2nd	0.9597	0.0403	0.5920	0.0809	0.3695
polish-3rd	0.9514	0.0486	0.6163	0.1493	0.4505
polish-4th	0.9490	0.0510	0.6516	0.1003	0.2396
polish-5th	0.9255	0.0745	0.6848	0.3662	0.6231
polya	0.6422	0.3578	0.3910	0.0000	0.4790
popularity	0.6318	0.2455	0.3706	0.0033	0.3092
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9625	0.0150	0.9635	0.9531	0.0827
pred-tox_mutagen_ref-desc	0.5441	0.4559	0.5574	0.0882	0.8625
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.0606	0.1731	0.2733	0.2331
processed	0.9614	0.0386	0.9558	0.9095	0.1845
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.5714	0.4286	0.6144	0.1923	0.8231
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio	0.9708	0.0117	0.9478	0.9609	0.0811
puc-rio10%	0.9348	0.0261	0.9005	0.9119	0.1137
pufs-1281%	0.4995	0.5005	0.3331	-0.0007	0.5354
pufs-12810%	0.4999	0.5001	0.4990	-0.0001	0.5618
pufs-641%	0.5021	0.4979	0.5062	0.0034	0.7009
pufs-6410%	0.5003	0.4997	0.5173	0.0001	0.5313
pulsar	0.9792	0.0208	0.9358	0.8694	0.2024
raisin	0.8778	0.1222	0.8801	0.7556	0.4709
re0-wc	0.6933	0.0472	0.6070	0.5695	0.3432
re1-wc	0.6747	0.0260	0.4885	0.6133	0.2018
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9824	0.0176	0.9824	0.9644	0.1020
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.9972	0.0005	0.9641	0.9931	0.0084
satimage	0.8289	0.0570	0.8177	0.7901	0.2360
satimageF	0.9844	0.0156	0.9611	0.9218	0.2346
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.0816	0.4714	0.6316	0.1263
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.5000	0.0000	0.7508
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9231	0.0769	0.4800	-0.0218	0.5944
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.8918	0.0309	0.9086	0.8733	0.1185
segmentation	0.7426	0.2574	0.7053	0.3814	0.7245

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-10-gram	0.8609	0.1391	0.5306	0.0172	0.4992
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-4-gram	0.8684	0.1316	0.6240	0.1908	0.6139
sens-5-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-6-gram	0.8579	0.1421	0.4618	-0.0199	0.5487
sens-7-gram	0.8658	0.1342	0.5503	0.0232	0.4453
sens-8-gram	0.8658	0.1342	0.5807	0.0754	0.5299
sens-9-gram	0.8632	0.1368	0.5795	0.0936	0.5903
sensorless	0.9639	0.0066	0.9657	0.9603	0.0529
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9011	0.0989	0.7913	0.5706	0.5295
shuttle	0.9884	0.0033	0.6391	0.9671	0.0621
sick	0.9549	0.0451	0.8423	0.6778	0.5243
sirtuin6	0.7000	0.3000	0.7041	0.4000	0.7994
skin	0.9747	0.0253	0.9610	0.9216	0.1788
skin10%	0.9685	0.0315	0.9516	0.8995	0.1397
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2200	0.3900	0.0917	-0.0541	0.5775
smk_can_187	0.5789	0.4211	0.5778	0.1556	0.9466
smoking	0.6985	0.3015	0.7535	0.4380	0.6100
soil_pollution	0.2067	0.3173	0.2354	0.0003	0.4627
solar-flare	0.7554	0.0815	0.7089	0.6863	0.2054
sonar	0.5500	0.4500	0.5582	0.1000	0.9018
soybean	0.9118	0.0093	0.9415	0.9031	0.0466
spam-detection	0.9470	0.0530	0.8527	0.7031	0.5043
spambase	0.8870	0.1130	0.8814	0.7627	0.4766
spect	0.8148	0.1852	0.7168	0.4304	0.7152
spectf	0.7714	0.2286	0.7200	0.4400	0.7559
spectrometer	0.3962	0.0252	0.1300	0.3576	0.1893
splice-EI	0.9685	0.0315	0.9586	0.9171	0.2344
splice-IE	0.9401	0.0599	0.9228	0.8421	0.3772
sport-articles	0.7800	0.2200	0.7702	0.5384	0.7083
squash-stored	0.4000	0.4000	0.4706	0.0625	0.4228
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8185	0.1210	0.7813	0.6968	0.3411
steel-b	0.8462	0.1538	0.7382	0.4100	0.5154
steel-d	0.9846	0.0154	0.8820	0.7613	0.4382
steel-k	0.9641	0.0359	0.9469	0.8929	0.2915
steel-o	0.7026	0.2974	0.6482	0.2231	0.6987
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.9590	0.0273	0.9533	0.9265	0.1349
stock	0.9236	0.0764	0.8774	0.7530	0.4792
stockb	0.9824	0.0117	0.9825	0.9736	0.0530
streaming	0.7800	0.2200	0.7793	0.5578	0.6999
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.5300	0.1880	0.3017	0.2407	0.5006
student-depression	0.8140	0.1860	0.8083	0.6032	0.5993
student-habits	0.3800	0.2480	0.1444	0.0067	0.4019
student-weekend	0.3846	0.2462	0.2778	0.0994	0.5740
student-workday	0.6875	0.1250	0.1630	-0.0191	0.3344

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
studentap	0.3846	0.4103	0.4016	0.0545	0.6686
susy1%	0.7344	0.2656	0.7507	0.4445	0.6173
susy10%	0.7536	0.2464	0.7611	0.4893	0.6540
tae	0.4667	0.3556	0.3784	0.2000	0.4597
telco-churn	0.8509	0.1491	0.8212	0.6381	0.6066
texture	0.8473	0.0278	0.8745	0.8318	0.1476
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.6149	0.1671	0.6222
thrombin	0.9791	0.0209	0.6769	0.3239	0.4864
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8661	0.1339	0.8379	0.6679	0.5745
tis10%	0.8358	0.1642	0.7789	0.5578	0.6595
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1250	0.2411	0.4146	0.1603
tox_171	0.4706	0.2647	0.4861	0.2714	0.4438
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.5882	0.4118	0.3704	-0.1121	0.8833
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7200	0.2800	0.4186	-0.0736	0.7975
trec11-wc	0.6829	0.0705	0.5587	0.6223	0.2165
trec12-wc	0.8387	0.0403	0.7888	0.8060	0.1163
trec21-wc	0.8788	0.0404	0.4489	0.7261	0.1728
trec23-wc	0.6667	0.1111	0.3794	0.4787	0.2903
trec31-wc	0.8925	0.0358	0.8562	0.8550	0.1562
trec41-wc	0.8068	0.0386	0.6541	0.7608	0.1630
trec45-wc	0.7681	0.0464	0.6949	0.7299	0.1986
tuandromd	0.9865	0.0135	0.9791	0.9582	0.1317
turkish	0.5500	0.2250	0.6068	0.4000	0.4722
tvnews1%	0.7846	0.2154	0.7853	0.5604	0.6741
tvnews10%	0.8489	0.1511	0.8402	0.6795	0.5788
ur3_cobotops_grip	0.9592	0.0408	0.5594	0.1004	0.5835
ur3_cobotops_stop	0.9578	0.0422	0.6224	0.2244	0.5729
urban	0.6418	0.0796	0.6790	0.5829	0.2891
urinalysis	0.9371	0.0629	0.4838	-0.0126	0.4999
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.5952	0.2024	0.6594	0.4769	0.3956
vehicleVAN	0.9167	0.0833	0.9084	0.8000	0.4011
voice	0.4167	0.5833	0.6164	0.0870	0.5131
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.3131	0.1249	0.3992	0.2444	0.4152
vowelZ	0.9394	0.0606	0.7996	0.5926	0.4960
vrnormat310k-hg16-17	0.9140	0.0860	0.6666	0.2787	0.5428
wap-wc	0.6795	0.0321	0.4952	0.6373	0.2019
warpar10p	0.5385	0.0923	0.3750	0.4834	0.1384
warppie10p	0.8095	0.0381	0.8615	0.7889	0.0815
watch-acc1%	0.6789	0.0917	0.7230	0.6250	0.2659
watch-acc10%	0.7074	0.0836	0.7461	0.6582	0.2628
watch-gyr1%	0.6550	0.0986	0.6995	0.5960	0.2871
watch-gyr10%	0.6776	0.0921	0.7118	0.6229	0.2904
water_pollution	0.2633	0.3683	0.2811	0.0046	0.4089
waveform	0.7340	0.1773	0.7385	0.6011	0.4996
weather-related	0.9615	0.0070	0.9666	0.9563	0.0427
web-phishing	0.8519	0.0988	0.7736	0.7376	0.4312
Weekly	0.9444	0.0556	0.9454	0.8884	0.2752
weight-lift	0.9804	0.0078	0.9793	0.9752	0.0500
white-clover	0.6667	0.1667	0.2000	0.0000	0.1796
wifi-loc	0.9650	0.0175	0.9659	0.9533	0.0626

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4906	0.1698	0.2287	0.1734	0.5016
winequality-white	0.4888	0.1461	0.2496	0.1733	0.4595
winnipeg10%	0.9708	0.0083	0.9643	0.9632	0.0719
wisc_bc	0.8246	0.1754	0.8221	0.6374	0.6120
yale	0.3750	0.0833	0.3672	0.3333	0.2412
yeast	0.4054	0.1189	0.3411	0.2431	0.3670
yeastCYT-POX	0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.8065	0.0387	0.8095	0.7831	0.2082

Table 433: Detailed results for RIPPER(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0000	0.0690	0.0000	0.0000	0.3644
abalone19	0.4187	0.5813	0.4281	-0.0061	0.0511
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.8331	0.1669	0.6666	0.1322	0.2332
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9726	0.0274	0.9413	0.8785	0.1617
adult	0.8247	0.1753	0.7352	0.4555	0.6632
advanced-iot	0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_MACCSFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878	0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.8889	0.0741	0.4663	0.1398	0.1423
AID1284Morered	0.6111	0.3889	0.5782	0.1158	0.6230
AID1284red	0.3056	0.6944	0.3776	-0.1194	0.5703
AID1608Morered	0.5534	0.4466	0.5763	0.0677	0.3564
AID1608red	0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red	0.7664	0.2336	0.5274	0.0124	0.1468
AID373AID439red	0.5009	0.4991	0.6003	0.0003	0.0010
AID373red	0.5837	0.4163	0.5868	0.0020	0.0077
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.5673	0.4327	0.5835	0.0063	0.0257
AID604AID644_AllRed	0.9978	0.0022	0.6260	0.2343	0.4896
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.4000	0.6000	0.5275	0.0323	0.7317
AID687AID721red	0.4870	0.5130	0.5983	0.0011	0.0034
AID687red	0.7901	0.2099	0.4979	-0.0002	0.0375
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.5303	0.0526	0.7987
AID721red	0.2222	0.7778	0.1818	-0.4651	0.7939
AID746AID1284red	0.7306	0.2694	0.5157	0.0005	0.0115
AID746red	0.4323	0.5677	0.5657	0.0061	0.0340
aids	0.8779	0.1221	0.8252	0.6197	0.4336
air_pollution	0.3200	0.1943	0.0826	-0.0308	0.5970
air-booking	0.8510	0.1490	0.5871	0.0264	0.3836
airline	0.9199	0.0801	0.9218	0.8338	0.2875
alcohol	0.7143	0.1143	0.4551	0.4119	0.4070
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.7814	0.2186	0.7741	0.5422	0.6967
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9597	0.0202	0.9263	0.9228	0.0988
anuran-genus	0.9318	0.0170	0.8022	0.8886	0.2526
anuran-species	0.9528	0.0094	0.9201	0.9349	0.1282
anxiety	0.0750	0.2056	0.0446	-0.0405	0.6248
apple-quality	0.7000	0.3000	0.7302	0.4000	0.6538
aps-failure	0.9868	0.0132	0.8115	0.6229	0.4714
arabidopsis0.1%	0.5382	0.4618	0.5484	0.0077	0.0615
arabidopsis10%	0.9909	0.0091	0.5384	0.0411	0.4147
arcene	0.5500	0.4500	0.5856	0.1509	0.8702
arrhythmia	0.6222	0.0581	0.3335	0.3714	0.2579

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9902	0.0098	0.9780	0.9559	0.1334
audiology	0.0000	0.0833	0.0000	0.0000	0.3248
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.7500	0.0833	0.6351	0.6667	0.2232
avila	0.9866	0.0022	0.9869	0.9826	0.0364
babies	0.4355	0.1613	0.1672	0.1173	0.5019
balance	0.6935	0.2043	0.4915	0.4406	0.6246
bank	0.9017	0.0983	0.7067	0.3849	0.5781
banknote	0.9635	0.0365	0.9637	0.9265	0.2074
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8111	0.1889	0.7938	0.5539	0.5560
basehock	0.8794	0.1206	0.8801	0.7589	0.4824
bio	0.9949	0.0051	0.8521	0.7038	0.3975
bio10%	0.9938	0.0062	0.8188	0.6369	0.4389
biodeg	0.7524	0.2476	0.7299	0.4371	0.7100
biomed	0.8571	0.1429	0.8740	0.7175	0.4205
bitcoin1%	0.0130	0.0681	0.0093	0.0099	0.0502
bitcoin10%	0.3433	0.1194	0.1818	0.0233	0.1554
body-perf	0.5567	0.2216	0.5486	0.4090	0.5353
bookings	0.0101	0.6599	0.0067	0.0000	0.3560
brain-tumor	0.5015	0.4985	0.5004	0.0001	0.6527
breast-cancer	0.8929	0.1071	0.8749	0.7470	0.4988
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-tissue	0.5455	0.1515	0.5413	0.4500	0.2548
bridges	0.5000	0.1429	0.2571	0.2857	0.2405
bub10at310k-hg16-17	0.9120	0.0880	0.6499	0.2343	0.5345
bub12at310k-hg16-17	0.9116	0.0883	0.6464	0.2247	0.5320
bub8at310k-hg16-17	0.9104	0.0896	0.6610	0.2882	0.5924
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.7241	0.3333	0.5283
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9253	0.0374	0.8900	0.8458	0.2840
car-insurance	0.8470	0.1530	0.8190	0.6370	0.5977
card	0.8116	0.1884	0.8059	0.6115	0.6472
cardiotocography	0.7887	0.0423	0.7503	0.7451	0.2180
cardiotocography-nsp	0.8639	0.0908	0.7742	0.6656	0.4738
cardiovascular	0.7255	0.2745	0.7315	0.4510	0.7539
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5612	0.4432	0.5594
cas_N6512_cdk_ECFP2	0.6605	0.3395	0.6973	0.3431	0.7235
cas_N6512_rdkit_ATOMPAIR	0.6677	0.3323	0.6954	0.3533	0.7545
cas_N6512_RDkit_AtomPair_FP	0.6518	0.3482	0.6815	0.3237	0.7666
cas_N6512_rdkit_AVALON	0.6651	0.3349	0.6992	0.3510	0.7294
cas_N6512_RDkit_Avalon_FP	0.6350	0.3650	0.6938	0.3007	0.6517
cas_N6512_rdkit_descriptors	0.6246	0.3754	0.6778	0.2801	0.6947
cas_N6512_rdkit_FEATMORGAN	0.6221	0.3779	0.6855	0.2784	0.6491
cas_N6512_RDkit_Featmorgan_FP	0.5537	0.4463	0.6500	0.1588	0.5781
cas_N6512_RDkit_FP	0.6963	0.3037	0.7109	0.4029	0.7715
cas_N6512_rdkit_LAYERED	0.6862	0.3138	0.7064	0.3858	0.7614
cas_N6512_RDkit_Layered_FP	0.7071	0.2929	0.7161	0.4209	0.7789
cas_N6512_rdkit_MACCS	0.6882	0.3118	0.7109	0.3909	0.7478
cas_N6512_RDkit_MACCS_FP	0.6595	0.3405	0.7022	0.3427	0.6955
cas_N6512_rdkit_MORGAN	0.6369	0.3631	0.6853	0.3018	0.7009
cas_N6512_RDkit_morgan_FP	0.7362	0.2638	0.7502	0.4806	0.7132

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.6785	0.3215	0.7182	0.3778	0.6810
cas_N6512_RDkit_pattern_FP	0.7469	0.2531	0.7586	0.5007	0.7058
cas_N6512_rdkit_RDKITFP	0.7066	0.2934	0.7135	0.4187	0.7877
cas_N6512_rdkit_TORSION	0.6646	0.3354	0.7042	0.3515	0.7033
ccds1%	0.7115	0.2885	0.5790	0.0689	0.3027
cdc_diabetes	0.8465	0.1024	0.4167	0.1746	0.3302
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6632	0.3368	0.7127	0.3698	0.6937
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.6122	0.0986	0.3549
census10%	0.9452	0.0548	0.6911	0.3355	0.4949
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8691	0.0654	0.8351	0.8053	0.2431
chrom19	0.9644	0.0356	0.6591	0.0433	0.0682
chrom191%	0.9877	0.0123	0.7027	0.1582	0.2113
chrom1910%	0.9794	0.0206	0.6528	0.0722	0.1184
chrom211%	0.9984	0.0016	0.4996	-0.0008	0.5045
chrom2110%	0.9991	0.0009	0.4998	-0.0004	0.3128
chronic-kidney	0.8976	0.1024	0.5337	0.0587	0.6872
churn	0.6870	0.3130	0.6891	0.3235	0.6742
churn-bigml	0.9438	0.0562	0.8801	0.7510	0.3328
ci900367j_MACCS	0.6421	0.3579	0.6012	0.1961	0.8952
circles	0.9940	0.0001	0.9943	0.9939	0.0032
cirrhosis	0.5714	0.2857	0.4247	0.2544	0.6590
cjs	0.9893	0.0036	0.9894	0.9869	0.0157
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7463	0.1269	0.6224	0.6267	0.5022
climate	0.8704	0.1296	0.7266	0.4000	0.5840
cll_sub_111	0.2500	0.5000	0.3914	0.0690	0.4062
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5238	0.3175	0.5148	0.2418	0.6319
cnae-9	0.8333	0.0370	0.8521	0.8125	0.1341
codon_usage	0.7659	0.0426	0.6083	0.7149	0.3201
coil20	0.9028	0.0097	0.9055	0.8976	0.0507
college	0.9221	0.0779	0.9105	0.8146	0.4105
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6897	0.3103	0.6245	0.2209	0.8139
colposcopies-2	0.6897	0.3103	0.6650	0.3290	0.8459
colposcopies-3	0.6207	0.3793	0.5943	0.1212	0.7498
colposcopies-4	0.6897	0.3103	0.5233	0.0369	0.8563
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.6552	0.3448	0.7129	0.2927	0.5000
colposcopies-c	0.7241	0.2759	0.5383	0.0645	0.8394
column-2c	0.7097	0.2903	0.6679	0.1308	0.4416
column-3c	0.8065	0.1290	0.7766	0.6936	0.2502
connect-4	0.9594	0.0270	0.6746	0.4800	0.5032
cottonmeloidogyne	0.6707	0.3293	0.6733	0.3423	0.8453
coupon	0.6538	0.3462	0.6652	0.2269	0.6427
covtype10%	0.7067	0.0838	0.6240	0.5406	0.4248
covtypeCD	0.9617	0.0383	0.9281	0.8508	0.3756
covtypeT	0.9753	0.0247	0.8998	0.7965	0.2960
crabs	0.7000	0.1500	0.7140	0.6000	0.2630
creditcard_trans	0.9993	0.0007	0.8895	0.7786	0.3247
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crowdsourced	0.8535	0.0488	0.6999	0.7102	0.4176
cryotherapy	0.4444	0.5556	0.3077	0.0000	0.5302
cultivars	0.0312	0.0484	0.0125	0.0000	0.2986
customer-churn	0.9622	0.0378	0.6489	0.2843	0.5589
cybersecurity	0.1433	0.2856	0.0684	-0.0375	0.5831
cyclopentane	0.5185	0.4815	0.5605	0.0930	0.8514
cylinder-bands	0.6481	0.3519	0.6855	0.3294	0.7573
darwin	0.5556	0.4444	0.5623	0.1111	0.9123
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1000	0.1800	0.0704	0.0002	0.5235
dbworld	0.7143	0.2857	0.7407	0.3636	0.4644
default	0.8277	0.1723	0.7180	0.4077	0.6452
defect	0.8426	0.1574	0.6148	0.1424	0.5786
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8901	0.1099	0.6764	0.3217	0.6114
depressed	0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology	0.9189	0.0270	0.9095	0.8987	0.0860
desharnais	0.5000	0.3333	0.2424	0.0000	0.5790
dexter	0.7500	0.2500	0.7536	0.5000	0.7299
df_final	0.5000	0.3333	0.4878	0.2195	0.3466
DIA	0.7833	0.2167	0.6817	0.3500	0.7451
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9407	0.0593	0.7848	0.5560	0.4832
diabetes-risk	0.5464	0.4536	0.6768	0.2302	0.5190
diabetic1%	0.5784	0.2810	0.4589	0.1652	0.5855
diabetic10%	0.5442	0.3039	0.4027	0.0236	0.4307
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.8962	0.8397	0.1812
diamonds_all	0.6999	0.1201	0.6729	0.5727	0.3664
dishonest	0.9688	0.0312	0.9639	0.9252	0.1220
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5417	0.4583	0.5078	0.0149	0.9759
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.7934	0.2066	0.6159	0.0154	0.0377
dota2	0.4807	0.5193	0.5377	0.0127	0.6170
dota210%	0.4951	0.5049	0.5327	0.0328	0.7706
drebin	0.9741	0.0259	0.9721	0.9440	0.1582
dropout	0.7291	0.1806	0.6413	0.5505	0.5320
drug-01	0.3777	0.1778	0.2651	0.0111	0.5043
drug-02	0.3298	0.1915	0.2132	0.1215	0.5801
drug-03	0.6436	0.1018	0.1572	0.0448	0.4953
drug-04	0.2128	0.2249	0.1644	0.0082	0.5196
drug-05	0.7340	0.0760	0.1906	0.0247	0.2199
drug-06	0.2979	0.2006	0.3033	0.1653	0.5869
drug-07	0.3723	0.1793	0.1379	0.0115	0.2942
drug-08	0.5904	0.1170	0.2523	0.2122	0.4524
drug-09	0.8511	0.0426	0.1314	-0.0202	0.3280
drug-10	0.5266	0.1353	0.1246	0.0355	0.4438
drug-11	0.8191	0.0517	0.1290	-0.0103	0.4691
drug-12	0.7872	0.0608	0.2173	0.0297	0.2501
drug-13	0.6117	0.1109	0.1979	0.2503	0.5382
drug-14	0.5798	0.1201	0.2782	0.2774	0.5005
drug-15	0.7553	0.0699	0.1897	0.0931	0.3649
drug-16	0.5904	0.1170	0.2701	0.3222	0.4162
drug-17	0.2606	0.2112	0.2106	0.0721	0.6559
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7394	0.0745	0.1585	0.0587	0.4605

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drybean	0.8986	0.0290	0.9046	0.8773	0.1529
ecoli	0.8235	0.0441	0.4395	0.7515	0.1545
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.8012	0.5769	0.6201
ecoliMU	0.6667	0.3333	0.6084	0.1418	0.5012
ecoliOM	0.8788	0.1212	0.6513	0.2747	0.5984
ecommerce	0.3300	0.3350	0.2906	0.0999	0.6667
eeg-eye	0.6515	0.3485	0.6699	0.2489	0.6654
eeg10%	0.2657	0.0918	0.3118	0.1940	0.6960
email_phishing	0.9868	0.0132	0.6149	0.0870	0.2463
eucalyptus	0.7123	0.1151	0.7278	0.6253	0.2736
euthyroid	0.9399	0.0601	0.8701	0.7205	0.5104
exon.vs.intron-freq10%	0.9115	0.0885	0.9113	0.8224	0.3972
fakenews	0.5025	0.4975	0.4547	-0.0049	0.5938
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5098	0.4902	0.4519	-0.0599	0.9113
financial-risk	0.7730	0.0757	0.5628	0.6451	0.3225
fishcatch	0.6250	0.1250	0.7261	0.5493	0.2223
flags	0.7000	0.0750	0.3866	0.6117	0.1851
forest	0.8654	0.0673	0.8634	0.8135	0.1608
gas	0.9712	0.0096	0.9702	0.9651	0.0651
gastrointestinal	0.4375	0.3750	0.4796	0.1910	0.6904
gender	0.6021	0.2653	0.4470	0.1292	0.5352
gene	0.9274	0.0484	0.9198	0.8827	0.2122
german	0.6800	0.3200	0.6118	0.1774	0.7827
gestures	0.7783	0.1109	0.7833	0.7043	0.3725
gina	0.8588	0.1412	0.8593	0.7171	0.5339
glass	0.6190	0.1270	0.3708	0.4783	0.2157
glass-g2	0.5625	0.4375	0.6880	0.2432	0.5307
glassBWFP	0.6190	0.3810	0.6169	0.2294	0.8883
glassBWNFP	0.7143	0.2857	0.7774	0.4706	0.5211
glassContainers	0.2273	0.7727	0.5636	0.0311	0.2468
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.2273	0.7727	0.5595	0.0209	0.1436
glassVWFP	0.3333	0.6667	0.5859	0.0392	0.1686
GlaucomaM	0.8421	0.1579	0.8427	0.6816	0.5635
gli_85	0.2500	0.7500	0.3333	-0.2000	0.7988
glioma	0.2000	0.4000	0.1250	-0.1765	0.5237
glioma-grade	0.8690	0.1310	0.8743	0.7381	0.4830
green	0.3000	0.7000	0.3210	-0.2963	0.9183
grub-damage	0.4000	0.3000	0.3488	0.1916	0.4783
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
har	0.9465	0.0214	0.9431	0.9324	0.1215
har701%	0.8589	0.0403	0.5185	0.7884	0.2707
har7010%	0.8727	0.0364	0.5274	0.8055	0.2580
harth1%	0.8062	0.0323	0.4982	0.7363	0.2510
hayes-roth	0.8125	0.1250	0.8492	0.7055	0.2844
hcc-survival	0.6471	0.3529	0.6550	0.3014	0.8522
health-activity	0.7500	0.1250	0.2143	-0.0250	0.4606
heart	0.7037	0.2963	0.6928	0.3292	0.6996
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.6667	0.3333	0.6858	0.3056	0.7003
heart-failure	0.9600	0.0400	0.9534	0.9068	0.2430
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.6000	0.4000	0.6019	0.1667	0.7161
hepmass1%	0.7927	0.2073	0.8051	0.5843	0.5915
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.4286	0.5714	0.4541	-0.0769	0.8750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hERG-9inputs	0.6154	0.3846	0.6137	0.1975	0.7604
higgs0.1%	0.5555	0.4445	0.6384	0.1522	0.6199
higgs1%	0.5761	0.4239	0.6405	0.1876	0.6852
higher	0.2857	0.1786	0.3489	0.1765	0.3093
hinselmann	0.4000	0.6000	0.4477	-0.0714	0.7225
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8617	0.1383	0.7350	0.4644	0.6517
hiva	0.8865	0.1135	0.5599	0.0959	0.4809
horse	0.6944	0.2037	0.6619	0.4351	0.3336
hotel-reservartions	0.8046	0.1954	0.7738	0.5464	0.6822
hr	0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor10%	0.9943	0.0038	0.9944	0.9914	0.0262
htru2	0.9737	0.0263	0.9193	0.8383	0.3013
hypothyroid	0.9443	0.0279	0.5652	0.7008	0.3516
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy	0.7778	0.2222	0.8000	0.5263	0.5283
instagram	0.9500	0.0250	0.9503	0.9333	0.0915
ionosphere	0.7714	0.2286	0.7667	0.5172	0.6909
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8154	0.1846	0.6345	0.2121	0.6615
jvowels	0.8424	0.0350	0.8358	0.8216	0.2140
kc1	0.8389	0.1611	0.5687	0.0669	0.5823
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.2857	0.0595	0.0238	0.0541	0.1756
kc1-class-level-top5percentDF	0.5333	0.4667	0.3478	-0.1290	0.3873
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kddcup981%	0.9158	0.0842	0.4780	-0.0411	0.6731
kddcup991%	0.9986	0.0002	0.8070	0.9976	0.0017
kepler	0.8734	0.0844	0.8333	0.7914	0.2325
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9500	0.0500	0.9479	0.8904	0.1808
krkopt	0.5430	0.0508	0.5760	0.4898	0.4284
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.1765	0.0412	0.0661	0.1454	0.2195
led24	0.6500	0.0700	0.6082	0.6078	0.1661
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8810	0.0092	0.8824	0.8762	0.1344
leukemia	0.2857	0.4762	0.2536	-0.0606	0.5863
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.3333	0.0889	0.3927	0.2830	0.2622
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0207
liver	0.4412	0.5588	0.5788	0.0901	0.6824
loan	0.9391	0.0609	0.9356	0.8675	0.2680
localization10%	0.5734	0.0776	0.3398	0.4624	0.5537
lrs	0.4340	0.1132	0.2838	0.2989	0.2610
lung	0.8095	0.0762	0.5707	0.5692	0.1559
lung_discrete	0.6250	0.1071	0.3429	0.5294	0.1526
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard2	0.5000	0.5000	0.5517	0.0690	0.6277
lung-cancer-michigan	0.2222	0.7778	0.5625	0.0308	0.2820
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.0714	0.4643	0.0333	0.0000	0.2997
lymphoma2	0.6667	0.0741	0.4023	0.5781	0.0575

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.5154	0.4846	0.5828	0.0308	0.5792
magic04	0.8285	0.1715	0.8085	0.5943	0.5512
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8653	0.7292	0.5220
marketing	0.6339	0.3661	0.6453	0.2134	0.5909
maternal	0.6535	0.2310	0.6580	0.4740	0.5574
math	0.8000	0.1000	0.7573	0.6932	0.2993
mba	0.6419	0.2387	0.4717	0.2921	0.2722
mental-disorders	0.6667	0.1667	0.6984	0.5556	0.2634
mental-health	0.2000	0.3200	0.1650	0.0023	0.5241
messidor	0.5043	0.4957	0.5641	0.0864	0.8002
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	0.7778	0.1481	0.7438	0.6471	0.2522
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.8650	0.0270	0.8710	0.8500	0.1451
mfeat-fou	0.6950	0.0610	0.7044	0.6611	0.2563
mfeat-kar	0.8650	0.0270	0.8757	0.8500	0.1424
mfeat-mor	0.6900	0.0620	0.6710	0.6556	0.2065
mfeat-pix	0.9300	0.0140	0.9322	0.9222	0.0848
mfeat-zer	0.6850	0.0630	0.6971	0.6500	0.2718
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9528	0.0314	0.9597	0.9277	0.1126
mines	0.4706	0.2118	0.4962	0.3441	0.3810
mobile	0.5839	0.0149	0.6008	0.5763	0.1782
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.6230	0.3770	0.3838	-0.0637	0.7809
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4622	0.0978	0.4934	0.3422	0.5480
musk	0.9439	0.0561	0.8882	0.7737	0.3726
MUT_ci300400a_cdk_ECFP2	0.6103	0.3897	0.6802	0.2811	0.6822
MUT_ci300400a_cdk_ECFP4	0.6228	0.3772	0.6903	0.3021	0.6737
MUT_ci300400a_cdk_ECFP6	0.6946	0.3054	0.7289	0.4155	0.7024
MUT_ci300400a_cdk_ESTATE	0.6367	0.3633	0.6826	0.3152	0.7423
MUT_ci300400a_cdk_EXTENDED	0.7518	0.2482	0.7733	0.5170	0.6589
MUT_ci300400a_cdk_FCFP2	0.4838	0.5162	0.6261	0.0971	0.5470
MUT_ci300400a_cdk_FCFP4	0.6307	0.3693	0.6938	0.3139	0.6806
MUT_ci300400a_cdk_FCFP6	0.6199	0.3801	0.6819	0.2941	0.7013
MUT_ci300400a_cdk_MACCS	0.7206	0.2794	0.7541	0.4642	0.6609
MUT_ci300400a_cdk_PUBCHEM	0.7042	0.2958	0.7438	0.4366	0.6626
MUT_ci300400a_cdk_STANDARD	0.7461	0.2539	0.7545	0.4967	0.7217
MUT_ci300400a_rdkit_descriptors	0.6967	0.3033	0.7311	0.4187	0.6967
myocardial	0.8294	0.0426	0.3090	0.3140	0.5721
naticusdroid	0.9649	0.0351	0.9650	0.9298	0.2029
NCI60	0.3333	0.2222	0.2564	0.2000	0.2590
nci9	0.0000	0.2222	0.0000	-0.0588	0.2083
ncRNA1%	0.8900	0.0116	0.4031	0.6696	0.4365
neo	0.7900	0.2100	0.7345	0.3678	0.5280
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5520	0.4480	0.6030	0.1413	0.7591
NHANES_age_prediction	0.9780	0.0220	0.9624	0.9219	0.2562
nomao	0.9495	0.0505	0.9376	0.8750	0.2902
NPHA-doctor-visits	0.3194	0.4537	0.3436	0.0184	0.5429
nursery	0.9614	0.0154	0.7556	0.9436	0.0815

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
obesity	0.8436	0.0447	0.8451	0.8171	0.1858
obs	0.9907	0.0046	0.9935	0.9863	0.0279
occupancy	0.9849	0.0151	0.9788	0.9575	0.1332
Occupancy_Estimation	0.9882	0.0059	0.9644	0.9642	0.0744
oh0-wc	0.7129	0.0574	0.7125	0.6681	0.2541
oh10-wc	0.6286	0.0743	0.6430	0.5790	0.3234
oh15-wc	0.7283	0.0543	0.7025	0.6891	0.2441
oh5-wc	0.6703	0.0659	0.7092	0.6252	0.2447
olive	0.7895	0.0468	0.7793	0.7406	0.1939
opn310k	0.9137	0.0863	0.6644	0.2730	0.5421
opn310k10%	0.9171	0.0829	0.6890	0.3514	0.5787
opnat310k-hg16-17	0.9176	0.0824	0.6836	0.3070	0.5126
optdigits	0.9199	0.0160	0.9253	0.9110	0.1026
optdigitsZ	0.9964	0.0036	0.9890	0.9780	0.0762
ozone1hr	0.9526	0.0474	0.5650	0.1205	0.6130
ozone8hr	0.9051	0.0949	0.5563	0.0994	0.6712
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7887	0.2113	0.7673	0.5344	0.7070
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8095	0.1905	0.8113	0.6198	0.6379
page-blocks	0.9744	0.0102	0.8547	0.8546	0.1843
parkinson	0.9417	0.0583	0.9399	0.8797	0.3052
parkinsons	0.7346	0.2654	0.7277	0.4523	0.7709
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle10%	0.8362	0.1638	0.8268	0.6354	0.5885
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.4227	0.5773	0.5219	0.0045	0.5868
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.6184	0.3816	0.7027	0.3095	0.5974
pendigits	0.9581	0.0084	0.9582	0.9535	0.0666
period	0.6667	0.3333	0.5950	0.1818	0.8798
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7872	0.2128	0.7786	0.5554	0.6954
pet-adoption	0.9350	0.0650	0.9263	0.8477	0.2815
phishing	0.9184	0.0816	0.9140	0.8268	0.3725
PhiUSIIL	0.9998	0.0002	0.9998	0.9997	0.0024
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.7573	0.0693	0.7586	0.7166	0.2282
phone-acc1%	0.7786	0.0633	0.7861	0.7412	0.2087
phone-gyr0.1%	0.7997	0.0572	0.7980	0.7658	0.1973
phone-gyr1%	0.7959	0.0583	0.7960	0.7612	0.2024
phoneme	0.8148	0.1852	0.7595	0.5112	0.6671
phy	0.6390	0.3610	0.6758	0.2755	0.6939
pima	0.6447	0.3553	0.6708	0.3160	0.8011
pirvision	0.9935	0.0044	0.9888	0.9795	0.0592
placement	0.7780	0.2220	0.7720	0.5260	0.6605
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker1%	0.5366	0.0927	0.1305	0.0970	0.2702
poker10%	0.5619	0.0876	0.2547	0.1937	0.2597
polish-1st	0.9644	0.0356	0.6934	0.3435	0.4691
polish-2nd	0.9577	0.0423	0.5433	0.0360	0.4216
polish-3rd	0.9524	0.0476	0.6251	0.1532	0.4201
polish-4th	0.9459	0.0541	0.6060	0.1173	0.4299
polish-5th	0.9171	0.0829	0.6966	0.3922	0.6371
polya	0.6216	0.3784	0.6598	0.2840	0.7840
popularity	0.5947	0.2702	0.4568	0.2493	0.5861
post-operative	0.3333	0.4444	0.1667	-0.5000	0.5000
postures	0.9770	0.0092	0.9767	0.9712	0.0570

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pred-tox_mutagen_ref-desc	0.5588	0.4412	0.5740	0.1176	0.8557
prestige	0.6667	0.2222	0.6655	0.4906	0.4321
primary-tumor	0.1818	0.0744	0.1157	0.0945	0.2906
processed	0.9615	0.0385	0.9559	0.9098	0.1858
profb	0.5373	0.4627	0.6403	0.2015	0.6856
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio	0.9805	0.0078	0.9656	0.9738	0.0555
puc-rio10%	0.9529	0.0188	0.9153	0.9368	0.1080
pufs-1281%	0.4988	0.5012	0.3841	-0.0020	0.5487
pufs-12810%	0.4998	0.5002	0.4992	-0.0003	0.6749
pufs-641%	0.5000	0.5000	0.4736	-0.0008	0.5498
pufs-6410%	0.5002	0.4998	0.4546	-0.0001	0.5304
pulsar	0.9800	0.0200	0.9387	0.8760	0.2128
raisin	0.8556	0.1444	0.8667	0.7111	0.4449
re0-wc	0.7000	0.0462	0.6464	0.6062	0.3319
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	0.9930	0.0070	0.9930	0.9858	0.0537
rice	0.9808	0.0192	0.9806	0.9611	0.1211
rocket	0.5414	0.4586	0.6659	0.1911	0.5485
RT_IOT2022	0.9963	0.0006	0.9741	0.9906	0.0072
satimage	0.8383	0.0539	0.8141	0.8003	0.2380
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.7729	0.2271	0.7247	0.3475	0.5288
scadi	0.5714	0.1224	0.4511	0.4878	0.1158
schiller	0.3333	0.6667	0.5970	0.0690	0.4422
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.9997	0.0003	0.9997	0.9993	0.0042
seeds	0.9048	0.0635	0.9107	0.8571	0.1674
segment	0.8961	0.0297	0.9046	0.8784	0.1192
segmentation	0.7574	0.2426	0.7239	0.4269	0.7161
segmentO	0.9870	0.0130	0.9745	0.9489	0.1700
seismic	0.9302	0.0698	0.5751	0.0819	0.4920
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-10-gram	0.8661	0.1339	0.5947	0.0793	0.4875
sens-2-gram	0.8605	0.1395	0.5435	0.0391	0.5724
sens-3-gram	0.8737	0.1263	0.6323	0.1412	0.4751
sens-4-gram	0.8737	0.1263	0.6323	0.1412	0.4751
sens-5-gram	0.8737	0.1263	0.6333	0.1180	0.4289
sens-6-gram	0.8763	0.1237	0.6468	0.1701	0.4692
sens-7-gram	0.8737	0.1263	0.6333	0.1180	0.4289
sens-8-gram	0.8658	0.1342	0.5694	0.0500	0.4928
sens-9-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sensorless	0.9800	0.0036	0.9800	0.9780	0.0318
sepsis	0.5629	0.4371	0.5847	0.0907	0.4398
shoppers	0.8889	0.1111	0.7615	0.5069	0.5676
shuttle	0.9971	0.0008	0.6758	0.9918	0.2017
sick	0.9523	0.0477	0.8001	0.5996	0.5178
sirtuin6	0.8000	0.2000	0.8000	0.6000	0.6644
skin	0.9658	0.0341	0.9475	0.8897	0.1270
skin10%	0.9730	0.0270	0.9585	0.9156	0.1632
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2600	0.3700	0.2242	0.0000	0.6662
smoking	0.6985	0.3015	0.7535	0.4380	0.6100

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
soil_pollution	0.2100	0.3160	0.2188	0.0102	0.6609
solar-flare	0.7626	0.0791	0.7053	0.6953	0.1837
sonar	0.5500	0.4500	0.5730	0.1000	0.8046
soybean	0.9559	0.0046	0.9608	0.9517	0.0303
spam-detection	0.9485	0.0515	0.8549	0.7081	0.4964
spambase	0.8848	0.1152	0.8826	0.7629	0.4802
spect	0.6667	0.3333	0.5452	0.0899	0.8578
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.0377	0.0401	0.0083	0.0294	0.3488
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9274	0.0726	0.9076	0.8105	0.4206
sport-articles	0.7500	0.2500	0.7490	0.4894	0.7332
squash-stored	0.4000	0.4000	0.3333	0.1176	0.2755
squash-unstored	0.2000	0.5333	0.1111	-0.1765	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8065	0.1290	0.7557	0.6771	0.3574
steel-b	0.8205	0.1795	0.6837	0.2521	0.5104
steel-d	0.9897	0.0103	0.9140	0.8280	0.3214
steel-k	0.9538	0.0462	0.9299	0.8598	0.3292
steel-o	0.7385	0.2615	0.6971	0.3409	0.6823
steel-p	0.8205	0.1795	0.7452	0.3855	0.5147
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9590	0.0410	0.9028	0.7955	0.4463
stellar	0.9586	0.0276	0.9523	0.9257	0.1312
stock	0.9236	0.0764	0.8823	0.7599	0.4790
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.7520	0.2480	0.7730	0.5157	0.6547
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6050	0.1580	0.3311	0.3516	0.5152
student-depression	0.8168	0.1832	0.8097	0.6146	0.6221
student-habits	0.2100	0.3160	0.2263	-0.0029	0.6241
student-weekend	0.4000	0.2400	0.3639	0.1253	0.6311
student-workday	0.7031	0.1187	0.2534	0.2129	0.4835
studentap	0.3846	0.4103	0.4016	0.0545	0.6686
susy1%	0.7496	0.2504	0.7537	0.4827	0.6859
tae	0.2667	0.4889	0.2139	-0.1000	0.6803
telco-churn	0.8338	0.1662	0.8117	0.6118	0.6203
texture	0.9055	0.0172	0.9110	0.8958	0.1190
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9895	0.0105	0.9884	0.9766	0.0927
tis	0.7966	0.2034	0.7888	0.5444	0.6280
tis10%	0.8582	0.1418	0.8198	0.6366	0.6046
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.1667	0.2786	0.2381	0.1674
tox_171	0.6471	0.1765	0.6808	0.5234	0.3215
toxicity	0.6471	0.3529	0.5597	0.0893	0.8324
toxicity-13f	0.5882	0.4118	0.3704	-0.1121	0.8833
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.8049	0.0434	0.7302	0.7660	0.1778
trec12-wc	0.7097	0.0726	0.6718	0.6521	0.2382
trec21-wc	0.8788	0.0485	0.5386	0.7261	0.1913
trec23-wc	0.6190	0.1270	0.5166	0.4766	0.3459
tuandromd	0.9821	0.0179	0.9720	0.9439	0.1494
turkish	0.6500	0.1750	0.6450	0.5333	0.3945
tvnews1%	0.7846	0.2154	0.7820	0.5567	0.6840

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews10%	0.8204	0.1796	0.8212	0.6319	0.6090
ur3_cobotops_grip	0.9619	0.0381	0.5714	0.1105	0.5451
ur3_cobotops_stop	0.9619	0.0381	0.7010	0.3973	0.5634
urban	0.7612	0.0531	0.7865	0.7203	0.2130
urinalysis	0.9371	0.0629	0.5952	0.1561	0.5820
ustilago1%	0.4055	0.5945	0.5887	0.0128	0.0452
vehicle	0.7976	0.1012	0.7937	0.7211	0.2697
vehicleVAN	0.9167	0.0833	0.8956	0.7879	0.4488
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.3939	0.1102	0.4447	0.3333	0.3824
vowelZ	0.8788	0.1212	0.6333	0.2667	0.6919
warpar10p	0.2308	0.1538	0.1538	0.1503	0.2493
warppie10p	0.4762	0.1048	0.4564	0.4137	0.2432
watch-acc1%	0.7989	0.0574	0.8024	0.7648	0.2187
watch-gyr1%	0.7742	0.0645	0.7872	0.7363	0.2285
water_pollution	0.2500	0.3750	0.2580	0.0083	0.4827
waveform	0.7120	0.1920	0.7128	0.5683	0.5383
weather-related	0.9712	0.0052	0.9699	0.9673	0.0390
web-phishing	0.8296	0.1136	0.6392	0.6901	0.3953
Weekly	0.9444	0.0556	0.9454	0.8884	0.2752
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9500	0.0250	0.9505	0.9333	0.0998
wilt	0.9627	0.0373	0.8723	0.7089	0.5112
wine	0.9412	0.0392	0.9167	0.8970	0.0826
winequality-red	0.6164	0.1279	0.2912	0.3710	0.4217
winequality-white	0.4622	0.1537	0.2306	0.0989	0.5337
wisc_bc	0.8947	0.1053	0.8902	0.7782	0.4610
yale	0.3125	0.0917	0.2568	0.2636	0.2130
yeast	0.4797	0.1041	0.3875	0.3469	0.2987
yeastCYT-POX	0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC	0.8446	0.1554	0.5980	0.1070	0.3346
yeastME1	0.9662	0.0338	0.8325	0.6004	0.5302
yeastME2	0.8986	0.1014	0.6310	0.2376	0.5774
zip	0.8763	0.0247	0.8668	0.8616	0.1761

Table 434: Detailed results for RIPPER(R)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1422	0.0817	0.0915	0.0342	0.4032
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9828	0.0172	0.6705	0.2790	0.4137
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9726	0.0274	0.9413	0.8785	0.1617
adult	0.8456	0.1544	0.7705	0.5299	0.6170
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.5723	0.0987	0.6905
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9836	0.0164	0.4959	-0.0040	0.4515
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.4000	0.6000	0.3434	-0.3043	0.9574
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.9108	0.0892	0.8743	0.7397	0.3967
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7905	0.0838	0.6782	0.5131	0.3664
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.9535	0.0465	0.9489	0.8970	0.2464
anneal	0.9663	0.0135	0.9206	0.9318	0.2177
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9736	0.0132	0.9199	0.9497	0.1153
anuran-genus	0.9318	0.0170	0.8231	0.8872	0.2328
anuran-species	0.9569	0.0086	0.9160	0.9399	0.0936
anxiety	0.1167	0.1963	0.0232	-0.0094	0.4446
apple-quality	0.8300	0.1700	0.8313	0.6600	0.5950
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.7556	0.0489	0.5835	0.6081	0.1948
auction	0.9951	0.0049	0.9889	0.9776	0.0238

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	1.0000	0.0000	1.0000	1.0000	0.0000
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8000	0.0800	0.7986	0.7377	0.1981
avila	0.9933	0.0011	0.9933	0.9913	0.0192
babies	0.4597	0.1544	0.2007	0.1439	0.3562
balance	0.8871	0.0753	0.6111	0.7875	0.2104
bank	0.9085	0.0915	0.7539	0.5044	0.5951
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8525	0.1475	0.8377	0.6669	0.5357
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9938	0.0062	0.8321	0.6636	0.4637
biodeg	0.8571	0.1429	0.8470	0.6927	0.5498
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.6530	0.1735	0.6649	0.5373	0.4677
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8929	0.1071	0.8694	0.7042	0.2680
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.7059	0.7755	0.0848
bridges	0.7000	0.1000	0.4667	0.4828	0.1799
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9368	0.0316	0.9138	0.8707	0.2193
car-insurance	0.8520	0.1480	0.8273	0.6547	0.5907
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.8122	0.0376	0.7771	0.7729	0.2064
cardiotocography-nsp	0.9108	0.0595	0.8433	0.7592	0.3723
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0098
cars	0.7750	0.1500	0.6529	0.5631	0.3654
cas_N6512_cdk_ECFP2	0.6943	0.3057	0.6927	0.3853	0.8292
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7308	0.2692	0.7288	0.4574	0.7801
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7542	0.2458	0.7520	0.5032	0.7431
cas_N6512_RDkit_MACCS_FP	0.7715	0.2285	0.7709	0.5414	0.7153
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.7086	0.2914	0.7059	0.4112	0.8102
cas_N6512_rdkit_PATTERN	0.7369	0.2631	0.7386	0.4748	0.7630
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.7189	0.2811	0.7165	0.4323	0.7961
cas_N6512_rdkit_TORSION	0.6862	0.3138	0.6836	0.3671	0.8397
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7461	0.2539	0.7248	0.4492	0.7713
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.5710	0.0478	0.3619
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9982	0.0018	0.8232	0.5707	0.5239
chrom1910%	0.9992	0.0008	0.8343	0.6663	0.4707
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.8976	0.1024	0.6325	0.2647	0.6753
churn	0.8520	0.1480	0.7466	0.4732	0.6120
churn-bigml	0.9588	0.0412	0.9142	0.8256	0.2907
ci900367j_MACCS	0.6316	0.3684	0.5836	0.1580	0.9004
circles	0.9730	0.0005	0.9758	0.9727	0.0130
cirrhosis	0.7381	0.1746	0.5013	0.4901	0.5012
cjs	0.9964	0.0012	0.9962	0.9956	0.0059
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7454	0.1273	0.5238	0.5916	0.4225
climate	0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5646	0.2902	0.5463	0.3012	0.6429
cnae-9	0.8981	0.0226	0.9003	0.8854	0.1113
codon_usage	0.8396	0.0292	0.6585	0.8047	0.3012
coil20	0.8472	0.0153	0.8556	0.8392	0.0953
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6897	0.3103	0.6650	0.3290	0.8399
colposcopies-2	0.5862	0.4138	0.5288	0.0543	0.9466
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4	0.7931	0.2069	0.7237	0.4387	0.7155
colposcopies-5	0.7931	0.2069	0.6919	0.3741	0.7250
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7586	0.2414	0.5904	0.1288	0.7232
column-2c	0.8387	0.1613	0.8362	0.6578	0.5744
column-3c	0.7097	0.1935	0.6100	0.5311	0.3148
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7067	0.2933	0.7093	0.4142	0.8005
coupon	0.7185	0.2815	0.7101	0.4178	0.7968
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9806	0.0194	0.9588	0.9175	0.2066

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9986	0.0014	0.8387	0.6660	0.5022
crowdsourced	0.9143	0.0286	0.8213	0.8173	0.2157
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.3125	0.0430	0.2660	0.2903	0.1884
customer-churn	0.9834	0.0166	0.7471	0.4570	0.3872
cybersecurity	0.1800	0.2733	0.1007	0.0042	0.4113
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7222	0.2778	0.7145	0.4288	0.7957
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8270	0.1730	0.7155	0.3977	0.6375
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8985	0.1015	0.7405	0.4792	0.6235
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9189	0.0270	0.9242	0.8993	0.1006
desharnais	0.6250	0.2500	0.5032	0.3143	0.4486
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.5263	0.4000	0.3199
DIA	0.7333	0.2667	0.6286	0.2558	0.8281
diabetes	0.8846	0.1154	0.8781	0.7562	0.4872
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5882	0.2745	0.3945	0.1502	0.4567
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5680	0.4320	0.5631	0.1232	0.9481
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7246	0.1836	0.6492	0.5302	0.5043
drug-01	0.3777	0.1778	0.1117	-0.0181	0.3923
drug-02	0.5106	0.1398	0.1904	0.0280	0.4385
drug-03	0.6543	0.1152	0.1794	0.0652	0.4225
drug-04	0.5160	0.1383	0.1247	0.0128	0.4741
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3351	0.1900	0.1628	0.1274	0.4675
drug-07	0.4202	0.1933	0.0990	-0.0167	0.3100
drug-08	0.5691	0.1231	0.1646	0.0826	0.3748
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5372	0.1322	0.1002	-0.0018	0.3191
drug-11	0.8351	0.0471	0.1300	-0.0175	0.3869
drug-12	0.7819	0.0727	0.1467	0.0061	0.3471
drug-13	0.5851	0.1185	0.1466	0.0561	0.3437
drug-14	0.6011	0.1140	0.2090	0.1440	0.3123

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-15	0.7553	0.0699	0.1229	-0.0064	0.2606
drug-16	0.5585	0.1472	0.2959	0.1848	0.4672
drug-17	0.3777	0.1778	0.1667	0.1046	0.4547
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1641	0.0459	0.2148
drybean	0.9206	0.0227	0.9328	0.9041	0.1282
ecoli	0.7353	0.0882	0.5220	0.6170	0.2396
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2900	0.3550	0.2454	0.0412	0.4160
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.8398	0.1602	0.8377	0.6743	0.5807
eeg10%	0.2707	0.0912	0.2846	0.1750	0.5654
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5890	0.1644	0.5913	0.4655	0.4283
euthyroid	0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5225	0.4775	0.5227	0.0453	0.9862
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5294	0.4706	0.5063	0.0113	0.9634
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.7500	0.0833	0.6724	0.6832	0.1494
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8462	0.0769	0.8454	0.7864	0.1749
gas	0.9734	0.0089	0.9717	0.9677	0.0623
gastrointestinal	0.5625	0.2917	0.4631	0.2680	0.5752
gender	0.6105	0.2596	0.4602	0.1900	0.5526
gene	0.9274	0.0484	0.9252	0.8853	0.2175
german	0.6900	0.3100	0.6280	0.1969	0.7441
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9135	0.0865	0.9135	0.8270	0.3914
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6190	0.1270	0.6261	0.4783	0.3520
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7548	0.5070	0.7331
glassBWNFP	0.6667	0.3333	0.6687	0.3226	0.8108
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.5312	0.3636	0.4900
gsalc	0.6667	0.1111	0.6525	0.6029	0.1534
haberman	0.6667	0.3333	0.5739	0.1477	0.8809
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8942	0.0302	0.5270	0.8435	0.1299

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7600	0.1200	0.2688	0.0358	0.3239
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.7742	0.2258	0.7741	0.5470	0.7087
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.9760	0.0240	0.9720	0.9437	0.1466
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6827	0.3173	0.6813	0.3625	0.8435
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0469	0.0065	0.3503
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8550	0.1450	0.7257	0.4478	0.6717
hiva	0.9551	0.0449	0.5462	0.0765	0.5927
horse	0.6944	0.2037	0.6772	0.4477	0.4394
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9749	0.0251	0.9228	0.8451	0.2913
hypothyroid	0.9973	0.0013	0.7496	0.9840	0.0048
hypothyroidT	0.9973	0.0027	0.9906	0.9810	0.0136
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.9747	0.0127	0.9753	0.9662	0.0514
ionosphere	0.8571	0.1429	0.8309	0.6602	0.5698
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8163	0.1837	0.6289	0.1529	0.5669
jvowels	0.9016	0.0219	0.9011	0.8883	0.1464
kc1	0.8578	0.1422	0.6689	0.2846	0.6080
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.6923	0.1231	0.2833	0.3158	0.2941
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.9986	0.0002	0.8317	0.9976	0.0019
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.7515	0.0276	0.7912	0.7206	0.2392
krvskp	0.9937	0.0063	0.9937	0.9874	0.0522
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5882	0.0358	0.5888	0.5665	0.1230
led24	0.6000	0.0889	0.6256	0.5455	0.2150
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.8665	0.0103	0.8726	0.8611	0.1428
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.5833	0.0556	0.5429	0.5515	0.1800
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9883	0.0117	0.9875	0.9750	0.0789
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.5267	0.0861	0.3068	0.3465	0.3973
lrs	0.7925	0.0593	0.4951	0.7142	0.1897
lung	0.8571	0.0571	0.7309	0.6786	0.1099
lung_discrete	0.7500	0.1000	0.8000	0.6800	0.1667
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.7778	0.0741	0.7238	0.7143	0.1237
machine-failure	0.9255	0.0745	0.9272	0.8494	0.3379
madelon	0.7885	0.2115	0.7885	0.5769	0.6855
magic04	0.8459	0.1541	0.8274	0.6439	0.5477
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8348	0.1652	0.6502	0.2986	0.7345
maternal	0.7129	0.1914	0.7210	0.5619	0.4958
math	0.8500	0.0750	0.8115	0.7665	0.2296
mba	0.8371	0.1086	0.4011	0.1289	0.3321
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2067	0.3173	0.1199	-0.0001	0.4519
messidor	0.6522	0.3478	0.6420	0.2824	0.8798
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.7875	0.7702	0.2056
meter-D	0.8333	0.0833	0.8282	0.7652	0.2014
mfeat-fac	0.8950	0.0210	0.8974	0.8833	0.1177
mfeat-fou	0.6550	0.0690	0.6724	0.6167	0.3010
mfeat-kar	0.8150	0.0370	0.8198	0.7944	0.2100
mfeat-mor	0.6900	0.0620	0.7098	0.6556	0.2137
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.6900	0.0620	0.7097	0.6556	0.2362
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9906	0.0063	0.9918	0.9855	0.0283
mines	0.4706	0.2118	0.4231	0.3304	0.4079
mobile	0.6573	0.0122	0.7029	0.6511	0.1626
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8033	0.1967	0.7904	0.4959	0.3833
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4633	0.0976	0.4722	0.3309	0.4974
musk	0.9576	0.0424	0.9156	0.8280	0.2823

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7422	0.2578	0.7310	0.4513	0.7450
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.7734	0.2266	0.7644	0.5253	0.7102
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.7707	0.2293	0.7650	0.5299	0.7214
myocardial	0.8824	0.0294	0.3734	0.4164	0.2111
naticusdroid	0.9666	0.0334	0.9666	0.9332	0.1972
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.6667	0.1111	0.6222	0.6000	0.1039
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.9007	0.0105	0.4192	0.7094	0.4380
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6516	0.3484	0.6493	0.2982	0.8790
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.2222	-0.0443	0.5028
nursery	0.9877	0.0062	0.9714	0.9819	0.0605
obesity	0.9668	0.0095	0.9656	0.9612	0.0470
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9898	0.0102	0.9860	0.9717	0.1196
Occupancy_Estimation	0.9921	0.0039	0.9728	0.9758	0.0171
oh0-wc	0.8119	0.0376	0.8462	0.7844	0.1717
oh10-wc	0.6476	0.0705	0.7126	0.5951	0.2831
oh15-wc	0.7609	0.0478	0.7960	0.7260	0.2265
oh5-wc	0.6923	0.0615	0.7392	0.6489	0.2630
olive	0.8421	0.0351	0.8008	0.8017	0.1366
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9133	0.0867	0.6732	0.3216	0.5989
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9004	0.0199	0.9014	0.8892	0.1365
optdigitsZ	0.9964	0.0036	0.9890	0.9780	0.0762
orl	0.5750	0.0213	0.5373	0.5641	0.0825
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr	0.9012	0.0988	0.6173	0.2331	0.6756
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7680	0.2320	0.7282	0.4357	0.7040
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8254	0.1746	0.8272	0.6515	0.6053
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9744	0.0102	0.8848	0.8656	0.3636
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9194	0.0806	0.9148	0.8242	0.3332
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.9123	0.0877	0.8914	0.7829	0.4408
pasture	0.5000	0.3333	0.2222	0.0000	0.3770
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8152	0.6226	0.5508
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9545	0.0091	0.9540	0.9494	0.0725
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9429	0.0571	0.9419	0.8819	0.2984
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.7764	0.0639	0.7648	0.7379	0.2210
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.8227	0.0507	0.8186	0.7923	0.2135
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8667	0.1333	0.8334	0.6664	0.5651
phy	0.6994	0.3006	0.6996	0.3986	0.8205
pima	0.7105	0.2895	0.6871	0.3569	0.7863
pirvision	0.9954	0.0030	0.9922	0.9856	0.0499
placement	0.7880	0.2120	0.7809	0.5608	0.6900
plant-growth	0.7368	0.2632	0.7531	0.4809	0.6961
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5200	0.1371	0.1493	0.0805	0.3109
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9673	0.0327	0.7144	0.2932	0.2484
polish-2nd	0.9685	0.0315	0.7376	0.3732	0.2723
polish-3rd	0.9505	0.0495	0.5883	0.0915	0.4301
polish-4th	0.9612	0.0388	0.7666	0.4827	0.3605
polish-5th	0.9526	0.0474	0.7905	0.5642	0.4457
polya	0.7514	0.2486	0.7218	0.4402	0.7623
popularity	0.6658	0.2228	0.4182	0.2301	0.4687
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6473	0.2941	0.8819
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.4242	0.0886	0.3362	0.3308	0.2600
processed	0.3221	0.6779	0.2436	0.0000	0.4941
profb	0.6866	0.3134	0.6177	0.2265	0.8575
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9590	0.0164	0.9273	0.9449	0.1065
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5012	0.4988	0.5013	0.0025	0.9991
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9792	0.0208	0.9358	0.8694	0.2024
raisin	0.8667	0.1333	0.8670	0.7333	0.5178
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.7733	0.0349	0.7114	0.7025	0.3655
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9852	0.0148	0.9851	0.9700	0.0985
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rocket	0.6270	0.3730	0.6124	0.2247	0.9078
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8880	0.0373	0.8741	0.8618	0.1955
satimageF	0.9860	0.0140	0.9654	0.9301	0.2271
satimageT	0.9316	0.0684	0.7853	0.5497	0.4688
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.5865	0.1280	0.5676
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9351	0.0186	0.9385	0.9241	0.0976
segmentation	0.8069	0.1931	0.7932	0.5856	0.6679
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8605	0.1395	0.4625	-0.0151	0.5048
sens-2-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8970	0.1030	0.7916	0.5805	0.5735
shuttle	0.9998	0.0000	0.9877	0.9995	0.0050
sick	0.9841	0.0159	0.9357	0.8715	0.2771
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9971	0.0029	0.9957	0.9913	0.0394
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.6978	0.1007	0.5675	0.6073	0.2529
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.9412	0.0062	0.9465	0.9354	0.0296
spam-detection	0.9540	0.0460	0.8826	0.7567	0.4780
spambase	0.9304	0.0696	0.9270	0.8537	0.3389
spect	0.8519	0.1481	0.7657	0.5135	0.5964
spectf	0.7714	0.2286	0.7200	0.4400	0.7559
spectrometer	0.3654	0.0470	0.2724	0.3152	0.2497
splice-EI	0.9590	0.0410	0.9471	0.8935	0.2875
splice-IE	0.9211	0.0789	0.8904	0.7807	0.4326
sport-articles	0.8000	0.2000	0.7881	0.5757	0.6783
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8924	0.0717	0.8677	0.8241	0.2510
steel-b	0.8462	0.1538	0.7643	0.5283	0.6608
steel-d	0.9897	0.0103	0.9140	0.8280	0.3214
steel-k	0.9744	0.0256	0.9611	0.9221	0.2232
steel-o	0.7949	0.2051	0.7691	0.5357	0.6909
steel-p	0.9231	0.0769	0.7226	0.4417	0.6031
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9334	0.8638	0.3518
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9722	0.0278	0.9531	0.9061	0.2391

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.6000	0.1600	0.3427	0.3613	0.4824
student-depression	0.8240	0.1760	0.8173	0.6327	0.6172
student-habits	0.3700	0.2520	0.1569	-0.0125	0.4299
student-weekend	0.3385	0.2646	0.1023	-0.0414	0.4889
student-workday	0.7031	0.1187	0.2626	0.0850	0.3350
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.3333	0.4444	0.2535	0.0000	0.6261
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9345	0.0119	0.9362	0.9278	0.0787
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9579	0.0421	0.9529	0.9058	0.2511
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8731	0.1269	0.8199	0.6320	0.5384
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7728	0.6837	0.2356
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.5547	0.1085	0.8742
trec12-wc	0.6774	0.0806	0.7468	0.6178	0.2507
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9776	0.0224	0.9650	0.9298	0.1810
turkish	0.6250	0.1875	0.6164	0.5000	0.4377
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8462	0.1538	0.8365	0.6725	0.5858
tvnews10%	0.8813	0.1187	0.8723	0.7447	0.5003
ur3_cobotops_grip	0.9769	0.0231	0.7866	0.5529	0.3986
ur3_cobotops_stop	0.9687	0.0313	0.7435	0.4734	0.4903
urban	0.8507	0.0332	0.8473	0.8258	0.1330
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7381	0.1310	0.6882	0.6450	0.3050
vehicleVAN	0.9405	0.0595	0.9260	0.8485	0.3668
voice	0.7500	0.2500	0.7044	0.4000	0.7643
vote	0.9535	0.0465	0.9535	0.9069	0.2525
vowel	0.3939	0.1102	0.4497	0.3333	0.3264
vowelZ	0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.4615	0.1077	0.3077	0.3974	0.1671
warppie10p	0.6667	0.0667	0.6443	0.6297	0.1405
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
water_pollution	0.2633	0.3683	0.1780	0.0048	0.4460
waveform	0.8020	0.1320	0.8018	0.7030	0.4269
weather-related	0.9750	0.0045	0.9762	0.9717	0.0342
web-phishing	0.8815	0.0790	0.8488	0.7895	0.3577
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9800	0.0100	0.9805	0.9733	0.0412
wilt	0.9834	0.0166	0.9160	0.8313	0.3592
wine	0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red	0.5786	0.1405	0.2807	0.3118	0.4024
winequality-white	0.5153	0.1616	0.2717	0.2084	0.6234
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.3750	0.0833	0.3232	0.3305	0.1612
yeast	0.5676	0.0961	0.4437	0.4434	0.4203
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9527	0.0473	0.6808	0.3410	0.5673
yeastME1	0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2	0.9324	0.0676	0.4825	-0.0292	0.6521
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 435: Detailed results for RIPPER(W)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1271	0.0602	0.0313	0.0170	0.3475
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9828	0.0172	0.6537	0.1979	0.3296
accident	0.6000	0.4000	0.6094	0.2000	0.8750
ads	0.9695	0.0305	0.9346	0.8663	0.2126
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8381	0.1619	0.6664	0.2112	0.5002
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9836	0.0164	0.4959	-0.0040	0.4515
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.5500	0.4500	0.4369	-0.1250	0.9680
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8732	0.1268	0.8189	0.6300	0.5402
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.7905	0.0838	0.5497	0.4921	0.3229
all-aml	0.8333	0.1667	0.8537	0.6667	0.4644
alzheimers	0.9442	0.0558	0.9387	0.8757	0.2730
anneal	0.9663	0.0135	0.9674	0.9317	0.1118
antivirus	0.9730	0.0270	0.9599	0.9165	0.2605
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9847	0.0076	0.9478	0.9707	0.0344
anuran-genus	0.9513	0.0122	0.8589	0.9197	0.1649
anuran-species	0.9514	0.0097	0.9032	0.9320	0.0933
anxiety	0.1167	0.1963	0.0243	0.0000	0.4346
apple-quality	0.8150	0.1850	0.8151	0.6300	0.6344
arabidopsis0.1%	0.9794	0.0206	0.4948	-0.0102	0.4962
arcene	0.6000	0.4000	0.5833	0.1667	0.9308
arrhythmia	0.8222	0.0356	0.7282	0.7250	0.1547
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.8696	0.0109	0.3606	0.8470	0.0397
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9500	0.0200	0.9344	0.9338	0.0380
avila	0.9928	0.0012	0.9886	0.9907	0.0189
babies	0.4113	0.1682	0.1881	0.0636	0.3963
balance	0.8387	0.1075	0.5830	0.6984	0.2393
bank	0.9119	0.0881	0.7802	0.5604	0.5929
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
barleyblumeria	0.8502	0.1498	0.8357	0.6582	0.5227
basehock	0.9246	0.0754	0.9257	0.8493	0.3423
bio	0.9962	0.0038	0.8859	0.7704	0.3148
bio10%	0.9938	0.0062	0.8455	0.6866	0.4806
biodeg	0.8762	0.1238	0.8682	0.7284	0.4649
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9884	0.0011	0.1635	0.3885	0.2092
bitcoin1%	0.9883	0.0008	0.1190	0.3438	0.1022
bitcoin10%	0.9881	0.0022	0.3103	0.3703	0.2901
body-perf	0.6022	0.1989	0.6168	0.4697	0.5137
brain-tumor	0.5045	0.4955	0.5045	0.0089	0.9974
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue	0.6364	0.1212	0.5500	0.5600	0.1755
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17	0.9126	0.0874	0.6697	0.3028	0.5781
bub12at310k-hg16-17	0.9146	0.0854	0.6700	0.2863	0.5409
bub8at310k-hg16-17	0.9118	0.0882	0.6989	0.3897	0.6195
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4970	0.3353	0.3524	0.0109	0.3914
car	0.9310	0.0345	0.8710	0.8584	0.2442
car-insurance	0.8640	0.1360	0.8422	0.6843	0.5628
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.8357	0.0329	0.7936	0.8020	0.1856
cardiotocography-nsp	0.9343	0.0438	0.8830	0.8195	0.3008
cardiovascular	0.7281	0.2719	0.7282	0.4563	0.7825
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0098
cars	0.7500	0.1667	0.6295	0.5439	0.5012
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.6933	0.3067	0.6914	0.3829	0.8307
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.7561	0.2439	0.7560	0.5113	0.7391
cas_N6512_rdkit_descriptors	0.7185	0.2815	0.7165	0.4329	0.7976
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.7071	0.2929	0.7042	0.4071	0.8111
cas_N6512_rdkit_LAYERED	0.7523	0.2477	0.7518	0.5032	0.7460
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.7650	0.2350	0.7630	0.5235	0.7212
cas_N6512_RDkit_MACCS_FP	0.7689	0.2311	0.7677	0.5354	0.7206
cas_N6512_rdkit_MORGAN	0.7508	0.2492	0.7486	0.4964	0.7485
cas_N6512_RDkit_morgan_FP	0.7331	0.2669	0.7307	0.4600	0.7743
cas_N6512_rdkit_PATTERN	0.7523	0.2477	0.7501	0.4994	0.7459
cas_N6512_rdkit_RDKITFP	0.7373	0.2627	0.7376	0.4742	0.7668
cas_N6512_rdkit_TORSION	0.6877	0.3123	0.6895	0.3769	0.8298
ccds1%	0.9396	0.0604	0.4844	-0.0288	0.6429
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8031	0.1969	0.7817	0.5627	0.6782
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9439	0.0561	0.5741	0.1148	0.5719
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9399	0.0301	0.9363	0.9104	0.1343

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
chrom19	0.9997	0.0003	0.9230	0.8437	0.1971
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9995	0.0005	0.8784	0.7565	0.3917
chrom211%	0.0008	0.9992	0.0008	0.0000	0.0023
chronic-kidney	0.9217	0.0783	0.6788	0.3417	0.6036
churn	0.8510	0.1490	0.7413	0.4500	0.5873
churn-bigml	0.9738	0.0262	0.9462	0.8865	0.0914
ci900367j_MACCS	0.6526	0.3474	0.6090	0.2061	0.8747
circles	0.9590	0.0008	0.9676	0.9586	0.0194
cirrhosis	0.8571	0.0952	0.5915	0.7042	0.1945
cjs	0.9964	0.0012	0.9962	0.9956	0.0059
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7472	0.1264	0.5668	0.5966	0.4325
climate	0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5714	0.2857	0.5479	0.3119	0.6526
cnae-9	0.8889	0.0247	0.8972	0.8750	0.1141
codon_usage	0.8488	0.0275	0.6809	0.8157	0.2380
coil20	0.8542	0.0146	0.8595	0.8464	0.0966
college	0.9481	0.0519	0.9345	0.8690	0.3129
collins	0.9400	0.0080	0.8484	0.9338	0.0192
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.7241	0.2759	0.6740	0.3256	0.7761
colposcopies-2	0.6207	0.3793	0.6202	0.2350	0.8832
colposcopies-3	0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.6897	0.3103	0.4961	-0.0077	0.8196
colposcopies-6	0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.6774	0.2151	0.5631	0.4799	0.4304
cottonmeloidogyne	0.7139	0.2861	0.7142	0.4281	0.8014
coupon	0.7129	0.2871	0.7036	0.4008	0.7964
covtype10%	0.7847	0.0615	0.6894	0.6468	0.3576
covtypeCD	0.9851	0.0149	0.9684	0.9368	0.1756
covtypeT	0.9779	0.0221	0.9146	0.8293	0.3291
crabs	0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans	0.9993	0.0007	0.9081	0.8152	0.3629
creditcard_trans10%	0.9982	0.0018	0.7738	0.5446	0.5153
crowdsourced	0.9161	0.0280	0.8060	0.8257	0.3012
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.2188	0.0391	0.1350	0.1960	0.1979
customer-churn	0.9830	0.0170	0.7371	0.4296	0.3817
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.6667	0.3333	0.6582	0.3077	0.8482
cylinder-bands	0.7593	0.2407	0.7513	0.4993	0.7330
darwin	0.6667	0.3333	0.6667	0.3333	0.8617
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8257	0.1743	0.7136	0.3969	0.6469
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8954	0.1046	0.7231	0.4410	0.6287
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9189	0.0270	0.9240	0.8984	0.0878
desharnais	0.8750	0.0833	0.8333	0.7714	0.0991
dexter	0.8167	0.1833	0.8257	0.6333	0.5674

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.8167	0.1833	0.7408	0.4762	0.6890
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-risk	0.9193	0.0807	0.8727	0.7428	0.4331
diabetic1%	0.5686	0.2876	0.3705	0.1262	0.5079
diabetic10%	0.5737	0.2842	0.4206	0.1376	0.5638
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7514	0.0994	0.7606	0.6409	0.3296
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.2917	0.7083	0.3035	-0.3600	1.0000
dlbcl-stanford	0.6000	0.4000	0.5833	0.1667	0.9308
dorothea	0.9391	0.0609	0.8171	0.6333	0.5103
dota210%	0.5592	0.4408	0.5536	0.1035	0.9513
dropout	0.7472	0.1685	0.6658	0.5682	0.4421
drug-01	0.3936	0.1733	0.0810	-0.0066	0.3264
drug-02	0.5106	0.1398	0.1680	0.0591	0.4562
drug-03	0.6649	0.0957	0.1498	0.0202	0.3768
drug-04	0.5319	0.1337	0.1312	0.0215	0.3555
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3457	0.1869	0.1701	0.1410	0.4659
drug-07	0.4096	0.1687	0.1147	-0.0248	0.3409
drug-08	0.5479	0.1292	0.1308	0.0364	0.3567
drug-09	0.8617	0.0395	0.1322	-0.0064	0.2133
drug-10	0.5426	0.1307	0.1303	0.0353	0.3310
drug-11	0.8511	0.0426	0.1766	0.0549	0.2135
drug-12	0.7872	0.0608	0.1258	-0.0059	0.2633
drug-13	0.5904	0.1170	0.1647	0.0646	0.2693
drug-14	0.6170	0.1094	0.2380	0.2069	0.3126
drug-15	0.7606	0.0684	0.1647	0.0294	0.2404
drug-16	0.5426	0.1307	0.2367	0.1404	0.4211
drug-17	0.3670	0.1809	0.1388	0.0860	0.4513
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1247	0.0269	0.2516
drybean	0.9170	0.0237	0.9311	0.8995	0.1294
ecoli	0.8529	0.0368	0.5428	0.7993	0.1584
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.1949	0.0278	0.4382
eeg	0.3564	0.0805	0.4358	0.2683	0.5324
eeg-eye	0.8318	0.1682	0.8299	0.6567	0.5909
eeg10%	0.2843	0.0895	0.3376	0.1917	0.5324
eucalyptus	0.6301	0.1479	0.6092	0.5181	0.4140
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq10%	0.9435	0.0565	0.9434	0.8866	0.2891
fakenews	0.5275	0.4725	0.5277	0.0553	0.9830
farm-ads	0.8188	0.1812	0.8255	0.6298	0.5513
fbis-wc	0.7358	0.0311	0.7180	0.7009	0.2898
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5686	0.4314	0.5558	0.1081	0.9492
financial-risk	0.8970	0.0343	0.6988	0.8384	0.1952
fishcatch	0.7500	0.0833	0.6724	0.6832	0.1494
flags	0.6000	0.1143	0.4305	0.4822	0.2161
forest	0.8846	0.0577	0.8750	0.8402	0.1464

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gas	0.9748	0.0084	0.9741	0.9695	0.0605
gastrointestinal	0.5000	0.3333	0.4125	0.2099	0.5043
gender	0.5958	0.2695	0.3770	0.1382	0.5377
gene	0.9180	0.0547	0.9127	0.8704	0.2394
german	0.6800	0.3200	0.6239	0.2363	0.8541
gestures	0.8322	0.0839	0.8326	0.7763	0.3076
gina	0.9020	0.0980	0.9020	0.8039	0.4251
glass	0.6667	0.1111	0.7254	0.5518	0.1925
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.7619	0.2381	0.7427	0.4828	0.7398
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.6000	0.2000	0.6175	0.4410	0.4072
gsalc	0.7778	0.0741	0.7059	0.7313	0.0884
haberman	0.7667	0.2333	0.6902	0.3787	0.7748
hapt	0.9277	0.0120	0.7656	0.9146	0.0858
har	0.9516	0.0194	0.9502	0.9387	0.1111
har701%	0.9000	0.0286	0.5291	0.8502	0.1238
har7010%	0.9159	0.0240	0.6369	0.8736	0.1232
harth1%	0.8254	0.0291	0.5071	0.7529	0.2113
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.4706	0.5294	0.5077	0.0129	0.9183
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.7742	0.2258	0.7712	0.5412	0.7098
heart-c	0.7333	0.2667	0.7474	0.4495	0.6523
heart-failure	0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum	0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.8480	0.1520	0.8483	0.6961	0.5630
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6709	0.3291	0.6716	0.3423	0.8537
higgs1%	0.6925	0.3075	0.6906	0.3810	0.8313
higher	0.2857	0.1786	0.1212	0.1304	0.2965
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8482	0.1518	0.7046	0.4018	0.6839
hiva	0.9645	0.0355	0.6382	0.1986	0.4361
horse	0.6667	0.2222	0.6478	0.4426	0.5665
hotel-reservartions	0.8674	0.1326	0.8458	0.6854	0.5156
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.9995	0.0004	0.9995	0.9992	0.0032
ht-sensor10%	0.9927	0.0049	0.9929	0.9890	0.0298
htru2	0.9760	0.0240	0.9266	0.8529	0.2870
hypothyroid	0.9894	0.0053	0.7108	0.9369	0.0826
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.6949	0.3051	0.5145	0.0148	0.7591
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
instagram	0.9753	0.0123	0.9759	0.9671	0.0502
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.7240	0.0212	0.7397	0.7130	0.2324
jm1	0.8118	0.1882	0.6288	0.2115	0.6890
jvowels	0.8936	0.0237	0.8907	0.8794	0.1645
kc1	0.8531	0.1469	0.6707	0.3167	0.6679
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.5810	0.1197	0.6680	0.5093	0.3336
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.8483	0.1011	0.8096	0.7510	0.3161
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9000	0.1000	0.8983	0.7922	0.4365
krkopt	0.7615	0.0265	0.7851	0.7319	0.2494
krvskp	0.9937	0.0063	0.9937	0.9874	0.0522
la1s-wc	0.8159	0.0614	0.8119	0.7668	0.2951
la2s-wc	0.7616	0.0795	0.7342	0.6984	0.3501
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5000	0.0250	0.2862	0.4779	0.1182
led24	0.6000	0.0889	0.6351	0.5480	0.2090
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.8605	0.0107	0.8682	0.8548	0.1459
leukemia	0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.6667	0.0444	0.6331	0.6415	0.1394
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.5882	0.4118	0.5296	0.0593	0.9390
loan	0.9883	0.0117	0.9875	0.9750	0.0877
localization10%	0.5200	0.0873	0.3241	0.3327	0.3824
lrs	0.8491	0.0431	0.8065	0.7911	0.1474
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.5000	0.2000	0.4231	0.3725	0.2672
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7000	0.1200	0.6571	0.3814	0.3850
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.5556	0.1481	0.5969	0.4286	0.2076
machine-failure	0.9149	0.0851	0.9121	0.8234	0.3843
madelon	0.7654	0.2346	0.7660	0.5308	0.7217
magic04	0.8580	0.1420	0.8419	0.6706	0.5038
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8115	0.6225	0.6394
marketing	0.8661	0.1339	0.6667	0.2640	0.5692
maternal	0.7129	0.1914	0.7178	0.5622	0.5080
math	0.8500	0.0750	0.8115	0.7665	0.2296
mba	0.8323	0.1118	0.3949	0.1291	0.3549
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2100	0.3160	0.1971	0.0043	0.4466
messidor	0.6522	0.3478	0.6683	0.3205	0.8264
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8784	0.8448	0.1220
meter-D	0.7222	0.1389	0.5919	0.6000	0.2616
mfeat-fac	0.8850	0.0230	0.8868	0.8722	0.1384
mfeat-fou	0.7000	0.0600	0.7126	0.6667	0.2739
mfeat-kar	0.8100	0.0380	0.8148	0.7889	0.2166
mfeat-mor	0.6850	0.0630	0.6908	0.6500	0.2084
mfeat-pix	0.8300	0.0340	0.8321	0.8111	0.1869
mfeat-zer	0.6500	0.0700	0.6619	0.6111	0.2891
mice-prot	0.9537	0.0116	0.9480	0.9469	0.0348
milk	0.9906	0.0063	0.9918	0.9855	0.0283
mines	0.4412	0.2235	0.3730	0.2901	0.3720
mobile	0.5909	0.0146	0.6390	0.5835	0.1794
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8689	0.1311	0.8598	0.6806	0.3145
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4689	0.0966	0.5029	0.3343	0.4707
musk	0.9621	0.0379	0.9252	0.8484	0.2689
MUT_ci300400a_cdk_ESTATE	0.7410	0.2590	0.7296	0.4522	0.7558
MUT_ci300400a_cdk_FCFP2	0.7497	0.2503	0.7396	0.4772	0.7531
MUT_ci300400a_cdk_MACCS	0.7602	0.2398	0.7509	0.4999	0.7366
MUT_ci300400a_rdkit_descriptors	0.7732	0.2268	0.7662	0.5249	0.6982
myocardial	0.8706	0.0324	0.3458	0.3859	0.3053
naticusdroid	0.9669	0.0331	0.9669	0.9339	0.1956
NCI60	0.3333	0.2222	0.2500	0.2000	0.3026
nci9	0.5000	0.1667	0.4000	0.4000	0.1569
ncRNA1%	0.8977	0.0108	0.4210	0.6935	0.3617
ncRNA10%	0.9148	0.0090	0.5638	0.7460	0.3526
neo	0.9118	0.0882	0.6753	0.2570	0.4623
new-thyroid	0.8571	0.0952	0.7988	0.6613	0.3287
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6425	0.3575	0.6394	0.2773	0.8866
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5000	0.3333	0.2849	-0.0302	0.5269
nursery	0.9907	0.0046	0.9863	0.9864	0.0410
obesity	0.9005	0.0284	0.9036	0.8836	0.1264
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9912	0.0088	0.9878	0.9755	0.0989
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0115
oh0-wc	0.8515	0.0297	0.8641	0.8297	0.1535
oh10-wc	0.7048	0.0590	0.6940	0.6621	0.2105
oh15-wc	0.7609	0.0478	0.8002	0.7263	0.2292
oh5-wc	0.7033	0.0593	0.7402	0.6618	0.2631
olive	0.9298	0.0156	0.9044	0.9118	0.0395
opn310k	0.9132	0.0868	0.6750	0.3167	0.5804
opn310k10%	0.9133	0.0867	0.6844	0.3533	0.6110
opnat310k-hg16-17	0.9149	0.0851	0.6868	0.3448	0.5784
optdigits	0.9146	0.0171	0.9179	0.9051	0.1148
optdigitsZ	0.9929	0.0071	0.9778	0.9553	0.0921
orl	0.5500	0.0225	0.5025	0.5385	0.0885
orlraws10P	0.3000	0.1400	0.2727	0.2222	0.2003
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9605	0.0395	0.5970	0.1516	0.5272
ozone8hr	0.9091	0.0909	0.6481	0.2944	0.6593
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8247	0.1753	0.8116	0.6207	0.6335
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8837	0.7626	0.4657

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
p53-mutants	0.9940	0.0060	0.6710	0.3418	0.5387
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9689	0.0124	0.8988	0.8327	0.2418
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.9242	0.0758	0.9191	0.8365	0.3496
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle	0.9193	0.0807	0.8997	0.7993	0.4156
particle10%	0.9023	0.0977	0.8800	0.7599	0.4746
pasture	1.0000	0.0000	1.0000	1.0000	0.0000
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.5464	0.4536	0.3533	-0.0712	0.8005
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.8257	0.6308	0.5867
pediatric-leukemia	0.6471	0.1008	0.6206	0.5632	0.2398
pendigits	0.9618	0.0076	0.9613	0.9575	0.0619
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7930	0.2070	0.7749	0.5456	0.6816
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9510	0.0490	0.9486	0.8972	0.2697
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.8507	0.0427	0.8398	0.8251	0.1565
phone-gyr0.1%	0.8672	0.0379	0.8601	0.8444	0.1533
phoneme	0.8667	0.1333	0.8340	0.6677	0.5664
pima	0.7500	0.2500	0.7337	0.4412	0.6999
pirvision	0.9909	0.0061	0.9849	0.9716	0.0847
placement	0.7940	0.2060	0.7866	0.5690	0.6693
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5444	0.1302	0.2619	0.1290	0.3060
poker10%	0.5792	0.1052	0.2220	0.2036	0.2892
polish-1st	0.9787	0.0213	0.8343	0.6409	0.2699
polish-2nd	0.9715	0.0285	0.7696	0.4612	0.2584
polish-3rd	0.9562	0.0438	0.6812	0.2866	0.4260
polish-4th	0.9694	0.0306	0.8249	0.6194	0.2980
polish-5th	0.9560	0.0440	0.8222	0.6432	0.4828
polya	0.7351	0.2649	0.7015	0.3975	0.7845
popularity	0.6590	0.2273	0.4097	0.2041	0.4705
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9734	0.0107	0.9731	0.9667	0.0667
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6768	0.3529	0.8487
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.3030	0.1072	0.2017	0.1795	0.3947
profb	0.6866	0.3134	0.6250	0.2456	0.8615
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.7143	0.2857	0.7058	0.3913	0.7630
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio	0.9875	0.0050	0.9782	0.9832	0.0412
puc-rio10%	0.9572	0.0171	0.9234	0.9425	0.1193
pufs-1281%	0.5107	0.4893	0.5107	0.0213	0.9938
pufs-641%	0.4879	0.5121	0.4879	-0.0242	1.0000
pufs-6410%	0.4970	0.5030	0.4970	-0.0060	1.0000
pulsar	0.9824	0.0176	0.9459	0.8895	0.1608
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
re0-wc	0.8000	0.0308	0.7667	0.7435	0.3919
re1-wc	0.8012	0.0159	0.7318	0.7749	0.1942
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
reuters21578	0.8458	0.0064	0.6028	0.7866	0.2765
rice	0.9857	0.0143	0.9856	0.9711	0.0943
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6662	0.3338	0.6467	0.2900	0.8663
satimage	0.8678	0.0441	0.8485	0.8369	0.2007
satimageF	0.9860	0.0140	0.9642	0.9283	0.1993
satimageT	0.9347	0.0653	0.8006	0.5902	0.4804
scadi	0.5714	0.1714	0.4571	0.3824	0.2786
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9567	0.0124	0.9583	0.9494	0.0623
segmentation	0.8069	0.1931	0.7858	0.5698	0.6665
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.6268	0.1696	0.4759
semeion	0.9937	0.0063	0.9834	0.9662	0.1529
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-10-gram	0.8661	0.1339	0.6115	0.1470	0.5778
sens-2-gram	0.8553	0.1447	0.5569	0.0769	0.6599
sens-3-gram	0.8737	0.1263	0.6323	0.1412	0.4751
sens-4-gram	0.8632	0.1368	0.5963	0.1379	0.6268
sens-5-gram	0.8605	0.1395	0.5972	0.1524	0.6584
sens-6-gram	0.8605	0.1395	0.5709	0.0879	0.6168
sens-7-gram	0.8605	0.1395	0.5972	0.1524	0.6584
sens-8-gram	0.8553	0.1447	0.5860	0.1406	0.6882
sens-9-gram	0.8658	0.1342	0.6106	0.1647	0.6204
sensorless	0.9899	0.0018	0.9899	0.9889	0.0187
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8986	0.1014	0.7920	0.5795	0.5616
shuttle	1.0000	0.0000	1.0000	1.0000	0.0000
sick	0.9920	0.0080	0.9686	0.9369	0.1967
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9995	0.0005	0.9992	0.9984	0.0114
skin10%	0.9963	0.0037	0.9944	0.9889	0.0548
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.3000	0.3500	0.2314	0.0541	0.4929
smk_can_187	0.6316	0.3684	0.6438	0.2732	0.8562
smoking	0.7506	0.2494	0.7348	0.4693	0.7608
soil_pollution	0.2133	0.3147	0.1673	0.0084	0.4509
solar-flare	0.7122	0.0959	0.5763	0.6270	0.2446
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.9118	0.0093	0.9291	0.9034	0.0501
spam-detection	0.9560	0.0440	0.8825	0.7601	0.4675
spambase	0.9065	0.0935	0.9018	0.8032	0.4168
spect	0.8519	0.1481	0.7657	0.5135	0.5964
spectf	0.6857	0.3143	0.6498	0.2936	0.8248
spectrometer	0.3846	0.0456	0.2954	0.3381	0.2217
splice-EI	0.9653	0.0347	0.9569	0.9113	0.2604
splice-IE	0.9211	0.0789	0.8895	0.7786	0.4271
sport-articles	0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9004	0.0664	0.8750	0.8379	0.2333
steel-b	0.8410	0.1590	0.7394	0.4690	0.6567
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8051	0.1949	0.7799	0.5558	0.6667
steel-p	0.9436	0.0564	0.7975	0.5906	0.5045
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9124	0.8173	0.4208
stellar	0.9756	0.0163	0.9716	0.9565	0.0871
stock	0.9722	0.0278	0.9549	0.9089	0.2653
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.6150	0.1540	0.3422	0.3781	0.4396
student-habits	0.4000	0.2400	0.1881	0.0397	0.4469
student-weekend	0.3385	0.2646	0.1048	-0.0367	0.4786
student-workday	0.7188	0.1125	0.2655	0.0777	0.2017
studentap	0.4615	0.3590	0.3439	0.1250	0.4979
susy1%	0.7854	0.2146	0.7835	0.5639	0.6836
susy10%	0.7826	0.2174	0.7805	0.5587	0.6913
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4000	0.4000	0.4153	0.1000	0.7050
telco-churn	0.8906	0.1094	0.8583	0.7163	0.5102
texture	0.9327	0.0122	0.9343	0.9258	0.0866
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9843	0.0157	0.7856	0.5636	0.4413
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9020	0.0980	0.8636	0.7227	0.4561
tis10%	0.8881	0.1119	0.8418	0.6753	0.4868
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.7059	0.6596	0.1667
tox_171	0.5882	0.2059	0.6149	0.4439	0.3765
toxicity	0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6667	0.3333	0.5343	0.0686	0.8850
trec11-wc	0.8049	0.0434	0.7390	0.7558	0.1539
trec12-wc	0.7419	0.0645	0.7407	0.6861	0.2048
trec21-wc	0.9394	0.0242	0.7197	0.8789	0.1067
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	0.9785	0.0072	0.9834	0.9715	0.0443
trec41-wc	0.9318	0.0136	0.8244	0.9168	0.0837
trec45-wc	0.7681	0.0464	0.8060	0.7279	0.2042
tuandromd	0.9888	0.0112	0.9827	0.9653	0.1219
turkish	0.7250	0.1375	0.7336	0.6333	0.3214
tvnews1%	0.8308	0.1692	0.8150	0.6203	0.5846
tvnews10%	0.8658	0.1342	0.8539	0.7058	0.5276
ur3_cobotops_grip	0.9741	0.0259	0.7430	0.4138	0.3208
ur3_cobotops_stop	0.9714	0.0286	0.7669	0.5192	0.4567
urban	0.7910	0.0464	0.8096	0.7541	0.1680
urinalysis	0.9301	0.0699	0.4819	-0.0229	0.6125
ustilago1%	0.9788	0.0212	0.4946	-0.0106	0.5187
vehicle	0.7143	0.1429	0.6623	0.6126	0.3141
vehicleVAN	0.9643	0.0357	0.9565	0.9091	0.2605
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4343	0.1028	0.4851	0.3778	0.2949
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
wap-wc	0.0192	0.0981	0.0019	0.0000	0.3766

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
warpar10p	0.6923	0.0615	0.6263	0.6533	0.1025
warppie10p	0.6667	0.0667	0.6829	0.6297	0.1416
watch-acc1%	0.9783	0.0062	0.9782	0.9746	0.0439
watch-gyr1%	0.9779	0.0063	0.9776	0.9741	0.0423
water_pollution	0.2633	0.3683	0.1874	0.0050	0.4592
waveform	0.7840	0.1440	0.7840	0.6760	0.4457
weather-related	0.9712	0.0052	0.9727	0.9673	0.0342
web-phishing	0.8519	0.0988	0.8271	0.7353	0.3974
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9700	0.0150	0.9702	0.9600	0.0652
wilt	0.9814	0.0186	0.8995	0.7987	0.3434
wine	0.9412	0.0392	0.9275	0.8917	0.0800
winequality-red	0.5597	0.1468	0.2613	0.2799	0.4420
winequality-white	0.4785	0.1490	0.2098	0.1502	0.5775
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.1250	0.1167	0.1067	0.0628	0.2195
yeast	0.5203	0.0959	0.3891	0.3756	0.3910
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053
zip	0.8796	0.0241	0.8697	0.8650	0.1808

Table 436: Detailed results for RISE

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0530	0.0902	0.0527	-0.0197	0.5390
abalone19	0.9689	0.0311	0.4921	-0.0112	0.3207
abalone9-18	0.8356	0.1644	0.6173	0.1828	0.5164
accident	0.5000	0.5000	0.3333	0.0000	0.5283
AID_1431	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.6857	0.3143	0.4805	-0.0390	0.8420
AID_652128	0.7273	0.1818	0.3589	0.0166	0.6111
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608red	0.8058	0.1942	0.5043	0.0067	0.5181
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.6103	0.3897	0.4951	-0.0098	0.8962
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
anneal	0.2584	0.2966	0.2789	0.0679	0.3986
anuran-f-b	0.9652	0.0348	0.5911	0.1264	0.3612
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.5100	0.4900	0.5100	0.0200	0.9942
arcene	0.6000	0.4000	0.7059	0.2857	0.5283
arrhythmia	0.3111	0.1378	0.1510	-0.0505	0.6026
auction	0.8676	0.1324	0.6976	0.3950	0.6859
audiology	0.0000	0.0833	0.0000	0.0000	0.3248
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.4828	0.5172	0.3256	0.0000	0.5300
autos	0.2500	0.2500	0.1389	0.0323	0.5465
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.5484	0.3011	0.3759	0.1440	0.5244
banknote	0.4672	0.5328	0.4649	-0.0700	1.0000
bankruptcy	0.4000	0.6000	0.2857	0.0000	0.5239
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	0.7619	0.2381	0.7427	0.4828	0.7398
breast-cancer	0.2857	0.7143	0.2222	0.0000	0.4711
breast-cancer-co	0.4545	0.5455	0.3125	0.0000	0.5306
breast-cancer-ma	0.6364	0.3636	0.6333	0.2667	0.8952
breast-tissue	0.6364	0.1212	0.6098	0.5600	0.1571
bridges	0.1000	0.2571	0.0260	0.0000	0.3259
cad	0.7000	0.3000	0.4118	0.0000	0.4416
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.3478	0.6522	0.2581	0.0000	0.5068
car	0.6954	0.1523	0.2051	0.0000	0.2293
card	0.5217	0.4783	0.4973	-0.0053	0.9905
cardiotocography	0.2347	0.1531	0.2592	0.1014	0.6998
cardiotocography-nsp	0.7324	0.1784	0.4186	0.1432	0.6774
cars	0.4750	0.3500	0.2701	-0.0579	0.8198
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
chrom191%	0.9912	0.0088	0.6217	0.1158	0.2341
chronic-kidney	0.7169	0.2831	0.4710	-0.0433	0.5377
churn	0.6090	0.3910	0.4993	-0.0013	0.8286
circles	0.0970	0.0181	0.0937	0.0879	0.4136
cirrhosis	0.3810	0.4127	0.1839	0.0000	0.3169
ckd	0.3500	0.6500	0.2593	0.0000	0.5077
climate	0.6296	0.3704	0.5442	0.0493	0.4397
cll_sub_111	0.2500	0.5000	0.2002	-0.2558	0.7428
cm1	0.8600	0.1400	0.4624	-0.0606	0.7431
cmc	0.2245	0.5170	0.1222	0.0000	0.4216
college	0.5714	0.4286	0.4677	-0.0645	0.9321
collins	0.0400	0.1280	0.0222	-0.0314	0.5058
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.6207	0.3793	0.5703	0.1402	0.9223
colposcopies-2	0.5517	0.4483	0.5323	0.0645	0.9585
colposcopies-3	0.5517	0.4483	0.5437	0.0872	0.9614
colposcopies-4	0.5172	0.4828	0.3958	-0.2083	0.9526
colposcopies-5	0.7586	0.2414	0.6667	0.3165	0.7298
colposcopies-6	0.4828	0.5172	0.4833	-0.0333	1.0000
colposcopies-c	0.4828	0.5172	0.3791	-0.2323	0.8915
column-2c	0.7419	0.2581	0.7217	0.4389	0.7661
column-3c	0.7097	0.1935	0.6322	0.5079	0.3932
crabs	0.2000	0.4000	0.1903	-0.0667	0.7757
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.0938	0.0453	0.0656	0.0683	0.2080
cyclopentane	0.4815	0.5185	0.4750	-0.0500	1.0000
darwin	0.3889	0.6111	0.3624	-0.2222	1.0000
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dbworld	0.4286	0.5714	0.3000	0.0000	0.5288
defect	0.6389	0.3611	0.4363	-0.1219	0.7840
depressed	0.6643	0.3357	0.4843	-0.0303	0.7987
dermatology	0.3514	0.2162	0.2593	0.1793	0.5730
desharnais	0.3750	0.4167	0.4211	0.1304	0.4743
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
diabetes	0.3846	0.6154	0.2778	0.0000	0.5200
diagnosis	0.4167	0.5833	0.2941	0.0000	0.5271
diamonds	0.2167	0.3917	0.3463	0.0637	0.4967
dishonest	0.6875	0.3125	0.4074	0.0000	0.4505
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.3750	0.6250	0.2727	-0.4286	0.8893
dlbcl-nih	0.4583	0.5417	0.4922	-0.0130	0.9318
dlbcl-stanford	0.4000	0.6000	0.2857	-0.3636	1.0000
drug-01	0.3830	0.1763	0.0956	-0.0069	0.3901
drug-02	0.3777	0.1778	0.1519	0.0926	0.4711
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.4362	0.1611	0.1194	-0.0053	0.4743
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.1383	0.2462	0.1082	-0.0553	0.7708
drug-07	0.3617	0.1824	0.0759	0.0000	0.2501
drug-08	0.5372	0.1322	0.1172	-0.0011	0.3564
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1368	0.0979	0.0000	0.2706

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-17	0.1915	0.2310	0.1239	-0.0207	0.6234
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
ecoli	0.6176	0.0956	0.1847	0.4067	0.2072
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.6970	0.3030	0.6873	0.3426	0.7334
ecoliMU	0.8182	0.1818	0.5816	0.1538	0.6675
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
eucalyptus	0.2466	0.3014	0.2951	0.0852	0.7082
fakenews	0.5125	0.4875	0.5126	0.0251	0.9926
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.4706	0.5294	0.4675	-0.0650	1.0000
fishcatch	0.5000	0.1667	0.4061	0.3600	0.3336
flags	0.3000	0.2000	0.1371	0.1026	0.3529
forest	0.2115	0.3942	0.1998	-0.0575	0.8445
gastrointestinal	0.1875	0.5417	0.1894	-0.1620	0.8531
german	0.6500	0.3500	0.3939	0.0000	0.4745
glass	0.4286	0.1905	0.1543	0.0870	0.2930
glass-g2	0.4375	0.5625	0.4826	-0.0286	0.9147
glassBWFP	0.6190	0.3810	0.5441	0.0562	0.8118
glassBWNFP	0.6190	0.3810	0.5397	0.0769	0.9308
glassContainers	0.8636	0.1364	0.4634	-0.0645	0.7409
glassNW	0.7619	0.2381	0.4324	0.0000	0.3902
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.3684	0.6316	0.3667	-0.2667	1.0000
gli_85	0.3750	0.6250	0.4248	-0.1111	0.8136
glioma	0.2000	0.5333	0.2222	-0.1765	0.4865
glioma-grade	0.4167	0.5833	0.2941	0.0000	0.5271
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.2667	0.3667	0.1574	-0.0645	0.5537
gsalc	0.2222	0.2593	0.1786	0.0735	0.3132
haberman	0.6333	0.3667	0.3878	-0.1702	0.9381
hayes-roth	0.6250	0.2500	0.5797	0.3846	0.2117
hcc-survival	0.4118	0.5882	0.4496	-0.0759	0.9298
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.4516	0.5484	0.4498	-0.1002	1.0000
heart-c	0.6333	0.3667	0.6890	0.2254	0.5031
heart-quantum	0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	0.5385	0.4615	0.5712	0.1136	0.7500
higher	0.2143	0.1964	0.0536	0.0000	0.3323
hinselmann	0.8000	0.2000	0.8077	0.5455	0.5283
hitters	0.4688	0.5312	0.3191	0.0000	0.5307
horse	0.5278	0.3148	0.2303	0.0000	0.3606
ilpd	0.5763	0.4237	0.5256	0.0502	0.9076
immuno-therapy	1.0000	0.0000	1.0000	1.0000	0.0000
ionosphere	0.6286	0.3714	0.6966	0.3219	0.6715
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.7000	0.3000	0.7633	0.4327	0.5023
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.3571	0.0536	0.0298	0.1600	0.1649
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7500	0.2500	0.6376	0.2747	0.8005
kidney-disease	0.3750	0.6250	0.2727	0.0000	0.5170

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.0000	0.0500	0.0000	-0.0321	0.2854
led24	0.1500	0.1700	0.0261	0.0000	0.3774
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
leukemia	0.4286	0.3810	0.3571	0.2000	0.4588
leukemia2	0.4286	0.5714	0.3000	0.0000	0.5288
libra	0.1944	0.1074	0.1430	0.1365	0.3682
liver	0.3529	0.6471	0.3422	-0.2941	0.9644
lrs	0.2830	0.2049	0.2935	0.0553	0.5968
lung	0.4286	0.2286	0.2132	0.0597	0.6660
lung_discrete	0.0000	0.2857	0.0000	0.0000	0.3487
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.3500	0.2600	0.2068	-0.0039	0.4760
lung-cancer-harvard2	0.6667	0.3333	0.4000	-0.2000	0.8322
lung-cancer-michigan	0.7778	0.2222	0.4375	-0.1250	0.7500
lung-cancer-ontario	0.3333	0.6667	0.2500	-0.5000	1.0000
lupus	0.4444	0.5556	0.3077	-0.2162	0.9876
lymphography	0.6429	0.1786	0.3443	0.1954	0.2336
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.5638	0.4362	0.5360	0.0704	0.9618
malware	0.8919	0.1081	0.8122	0.5488	0.2500
mammography	0.5312	0.4688	0.3469	0.0000	0.5228
maternal	0.4356	0.3762	0.4233	0.1352	0.7534
math	0.8000	0.1000	0.7494	0.6947	0.2408
mental-disorders	0.5000	0.2500	0.5333	0.3333	0.3911
messidor	0.5652	0.4348	0.3611	0.0000	0.5133
meter-A	0.6250	0.3750	0.5749	0.1429	0.9116
meter-B	0.7778	0.1481	0.7222	0.6538	0.2586
meter-C	0.3333	0.3333	0.3157	0.1000	0.6967
meter-D	0.6111	0.1944	0.6665	0.4638	0.2736
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.0950	0.1810	0.0980	-0.0056	0.8509
mfeat-mor	0.3100	0.1380	0.3170	0.2333	0.5903
mfeat-zer	0.1700	0.1660	0.1738	0.0778	0.7967
milk	0.4623	0.3585	0.3815	0.1271	0.7080
mines	0.2059	0.3176	0.1248	-0.0110	0.6060
monks-1	0.5091	0.4909	0.3373	0.0000	0.5270
monks-2	0.3443	0.6557	0.2561	0.0000	0.5052
monks-3	0.4821	0.5179	0.3253	0.0000	0.5301
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
NCI60	0.5000	0.1667	0.4545	0.4000	0.1534
nci9	0.1667	0.2778	0.0556	0.0000	0.3511
new-thyroid	0.8571	0.0952	0.8109	0.6613	0.2877
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
NHANES_age_prediction	0.7225	0.2775	0.5078	0.0156	0.8054
NPHA-doctor-visits	0.4583	0.3611	0.2488	-0.0833	0.6893
obs	0.4630	0.2685	0.1582	0.0000	0.3435
olive	0.3684	0.1404	0.1289	0.1864	0.4100
orl	0.1000	0.0450	0.0468	0.0769	0.2413
orlraws10P	0.3000	0.1400	0.2000	0.2222	0.2089
ovarian-cancer	0.5200	0.4800	0.5786	0.1279	0.8289
page-blocks	0.8373	0.0651	0.1973	-0.0177	0.6340
parkinson	0.6000	0.4000	0.5943	0.1876	0.9213
parkinsons-small	0.6316	0.3684	0.6088	0.2036	0.8217
pasture	0.2500	0.5000	0.1333	-0.3333	0.5961
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.5921	0.4079	0.4655	-0.0690	0.9141

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
period	0.5556	0.4444	0.5791	0.1429	0.8628
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
phoneme	0.5444	0.4556	0.5469	0.0845	0.8561
pima	0.5263	0.4737	0.5573	0.1024	0.8995
plant-growth	0.5263	0.4737	0.5225	0.0447	0.9841
plrx	0.6111	0.3889	0.5439	0.0870	0.8978
post-operative	0.3333	0.4444	0.1667	0.0000	0.2500
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6041	0.2059	0.9196
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.1818	0.0744	0.0140	0.0000	0.3153
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.4286	0.5714	0.4167	-0.1667	1.0000
prostate_GE	0.4545	0.5455	0.4500	-0.1000	1.0000
raisin	0.7889	0.2111	0.7895	0.5778	0.6809
scadi	0.4286	0.1633	0.0857	0.0000	0.2912
schiller	0.6667	0.3333	0.7404	0.3721	0.5239
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.6190	0.2540	0.6105	0.4286	0.4271
segment	0.4113	0.1682	0.4144	0.3108	0.5704
segmentation	0.5099	0.4901	0.5133	0.0253	0.9393
segmentO	0.8398	0.1602	0.6612	0.3206	0.7257
sirtuin6	0.8000	0.2000	0.8000	0.6000	0.6644
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smk_can_187	0.4737	0.5263	0.4722	-0.0556	1.0000
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.0294	0.1022	0.0114	0.0128	0.3457
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.6571	0.3429	0.6293	0.2500	0.8347
spectrometer	0.0385	0.0712	0.0185	-0.0309	0.3813
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.4000	0.4000	0.2778	-0.1538	0.4966
steel-b	0.7231	0.2769	0.5831	0.1661	0.8356
steel-d	0.9590	0.0410	0.5931	0.1798	0.6033
steel-k	0.8769	0.1231	0.8444	0.6713	0.5558
steel-o	0.5949	0.4051	0.5586	0.1171	0.9319
steel-p	0.8205	0.1795	0.5270	0.0514	0.6587
steel-s	0.9590	0.0410	0.7070	0.4077	0.5591
steel-z	0.8462	0.1538	0.6010	0.2004	0.7053
stockb	0.6520	0.2320	0.6510	0.4780	0.5304
streaming	0.6080	0.3920	0.6090	0.2167	0.9146
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-weekend	0.3538	0.2585	0.2846	0.1032	0.6743
student-workday	0.5938	0.1625	0.3795	-0.0048	0.3464
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
tae	0.3333	0.4444	0.3521	0.0000	0.7607
texture	0.2618	0.1342	0.2681	0.1878	0.6357
thoracic	0.7872	0.2128	0.4405	-0.0981	0.8198
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.4105	0.5895	0.4282	-0.1286	0.9445
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.0000	0.3333	0.0000	-0.0667	0.3377
tox_171	0.0588	0.4706	0.0500	-0.2364	0.8541
toxicity	0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f	0.6471	0.3529	0.5858	0.1639	0.8952
trains	0.5000	0.5000	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
transfusion	0.6533	0.3467	0.4855	-0.0285	0.9078
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec23-wc	0.2381	0.2540	0.1445	0.0317	0.3548
turkish	0.3250	0.3375	0.3962	0.1000	0.5848
urban	0.1493	0.1891	0.1611	0.0476	0.6690
vehicle	0.3810	0.3095	0.3850	0.1648	0.7024
vehicleVAN	0.6548	0.3452	0.5168	0.0333	0.9018
voice	0.4167	0.5833	0.2941	-0.4000	1.0000
vote	0.5116	0.4884	0.3385	0.0000	0.5266
vowel	0.0606	0.1708	0.0564	-0.0333	0.7215
vowelZ	0.8081	0.1919	0.5373	0.0711	0.6755
warpar10p	0.2308	0.1538	0.1073	0.1333	0.2782
warppie10p	0.2857	0.1429	0.2581	0.2025	0.3407
water_pollution	0.2133	0.3933	0.2135	-0.0497	0.8844
web-phishing	0.4074	0.3951	0.1930	0.0000	0.3383
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.2500	0.1667	-0.1250	0.1710
wifi-loc	0.3950	0.3025	0.3878	0.1933	0.7058
wilt	0.7992	0.2008	0.4996	-0.0005	0.4542
wine	0.6471	0.2353	0.6315	0.4457	0.3603
winequality-red	0.4906	0.1698	0.3594	0.1600	0.5606
wisc_bc	0.5614	0.4386	0.5334	0.0668	0.9552
yale	0.1875	0.1083	0.1692	0.1260	0.2374
yeast	0.2365	0.1527	0.0692	-0.0061	0.3732
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

Table 437: Detailed results for Rk-NN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1663	0.0794	0.1296	0.0846	0.5952
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9819	0.0181	0.6322	0.1884	0.4074
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9726	0.0274	0.9413	0.8785	0.1617
adult	0.8387	0.1613	0.7626	0.5188	0.6461
advanced-iot	0.9990	0.0003	0.9990	0.9988	0.0030
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.8000	0.2000	0.5220	0.0256	0.7084
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.8738	0.1262	0.4663	-0.0669	0.6884
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9813	0.0187	0.5988	0.1909	0.5648
AID373AID439red	0.9953	0.0047	0.4988	-0.0003	0.0517
AID373red	0.9957	0.0043	0.4989	-0.0015	0.2967
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604	0.9954	0.0046	0.4988	-0.0016	0.5021
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5631	0.1250	0.9054
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9967	0.0033	0.4992	-0.0010	0.2404
AID687red	0.9927	0.0073	0.4982	-0.0035	0.4678
AID688red	0.9904	0.0096	0.4976	-0.0007	0.2166
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9940	0.0060	0.4985	-0.0017	0.2247
AID746red	0.9895	0.0105	0.4974	-0.0052	0.5492
aids	0.8169	0.1831	0.7226	0.3884	0.5867
air_pollution	0.3667	0.1810	0.1562	0.0003	0.7034
air-booking	0.8476	0.1524	0.5626	0.0420	0.5083
airline	0.9348	0.0652	0.9336	0.8666	0.3164
alcohol	0.8667	0.0533	0.7156	0.6756	0.2050
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7674	0.2326	0.7357	0.4375	0.6663
anneal	0.9551	0.0180	0.8981	0.9064	0.1256
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9847	0.0076	0.9523	0.9708	0.0426
anuran-genus	0.9777	0.0056	0.9509	0.9632	0.0505
anuran-species	0.9764	0.0047	0.9541	0.9673	0.0724
anxiety	0.1333	0.1926	0.1290	0.0242	0.7710
apple-quality	0.8850	0.1150	0.8853	0.7700	0.4709
aps-failure	0.9903	0.0097	0.8577	0.7147	0.3928
arabidopsis0.1%	0.9794	0.0206	0.4948	-0.0102	0.4962
arcene	0.7000	0.3000	0.7674	0.4444	0.5112
arrhythmia	0.6667	0.0667	0.4901	0.4534	0.2991
auction	0.9118	0.0882	0.7695	0.4848	0.4195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.6364	0.0661	0.6216	0.5544	0.1768
audit-risk	0.9487	0.0513	0.9477	0.8941	0.2779
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9714	0.0286	0.9640	0.9253	0.1096
autism-child	0.9310	0.0690	0.9310	0.8619	0.3353
autos	0.8500	0.0600	0.8805	0.8000	0.1433
avila	0.7695	0.0384	0.7355	0.6898	0.3281
babies	0.3710	0.1797	0.1734	0.0420	0.5767
balance	0.8871	0.0753	0.6114	0.7877	0.2090
bank	0.9073	0.0927	0.7405	0.4715	0.5877
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8925	0.7771	0.3881
basehock	0.7437	0.2563	0.7648	0.4864	0.6320
bio	0.9965	0.0035	0.8947	0.7866	0.2715
bio10%	0.9945	0.0055	0.8448	0.6895	0.4286
biodeg	0.8667	0.1333	0.8576	0.7146	0.5298
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%	0.9853	0.0042	0.1418	-0.0008	0.1425
bitcoin10%	0.9851	0.0027	0.1233	0.0124	0.1955
body-perf	0.6470	0.1765	0.6430	0.5294	0.4853
bookings	0.9320	0.0453	0.7308	0.8515	0.2115
brain-tumor	0.4925	0.5075	0.4906	-0.0164	0.9657
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17	0.9138	0.0862	0.6491	0.1606	0.3974
bub12at310k-hg16-17	0.9122	0.0878	0.6367	0.1544	0.4363
bub8at310k-hg16-17	0.9133	0.0867	0.6460	0.1771	0.4401
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4700	0.3533	0.3454	0.0108	0.6479
car	0.9540	0.0230	0.8586	0.8993	0.0750
car-insurance	0.8220	0.1780	0.7865	0.5696	0.6467
card	0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography	0.7606	0.0479	0.6463	0.7098	0.2515
cardiotocography-nsp	0.8826	0.0782	0.7829	0.6874	0.3288
cardiovascular	0.6824	0.3176	0.6824	0.3648	0.8430
cargo2k	0.9695	0.0203	0.9696	0.9543	0.1052
cars	0.7000	0.2000	0.5893	0.4545	0.5731
cas_N6512_cdk_ECFP2	0.7312	0.2688	0.7326	0.4631	0.7724
cas_N6512_rdkit_ATOMPAIR	0.7292	0.2708	0.7296	0.4581	0.7784
cas_N6512_RDkit_AtomPair_FP	0.7715	0.2285	0.7720	0.5427	0.7120
cas_N6512_rdkit_AVALON	0.7711	0.2289	0.7717	0.5420	0.7126
cas_N6512_RDkit_Avalon_FP	0.7945	0.2055	0.7996	0.5916	0.6516
cas_N6512_rdkit_descriptors	0.7708	0.2292	0.7713	0.5413	0.7132
cas_N6512_rdkit_FEATMORGAN	0.7588	0.2412	0.7615	0.5192	0.7254
cas_N6512_RDkit_Featmorgan_FP	0.7607	0.2393	0.7624	0.5223	0.7260
cas_N6512_RDkit_FP	0.7362	0.2638	0.7420	0.4765	0.7488
cas_N6512_rdkit_LAYERED	0.7585	0.2415	0.7611	0.5185	0.7260
cas_N6512_RDkit_Layered_FP	0.7715	0.2285	0.7709	0.5414	0.7153
cas_N6512_rdkit_MACCS	0.7708	0.2292	0.7695	0.5389	0.7176
cas_N6512_RDkit_MACCS_FP	0.7565	0.2435	0.7600	0.5152	0.7261
cas_N6512_rdkit_MORGAN	0.7754	0.2246	0.7761	0.5507	0.7049
cas_N6512_RDkit_morgan_FP	0.7807	0.2193	0.7813	0.5611	0.6961

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7677	0.2323	0.7710	0.5374	0.7079
cas_N6512_RDkit_pattern_FP	0.7546	0.2454	0.7598	0.5125	0.7221
cas_N6512_rdkit_RDKITFP	0.7512	0.2488	0.7537	0.5039	0.7384
cas_N6512_rdkit_TORSION	0.7797	0.2203	0.7863	0.5630	0.6721
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8465	0.1024	0.4182	0.1849	0.3421
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7772	0.2228	0.7819	0.5468	0.6693
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5532	0.2040
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.6204	0.1732	0.4871
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9465	0.0535	0.6903	0.2965	0.4165
central-nervous-system	0.1667	0.8333	0.1429	-0.6667	0.9586
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.8527	0.6560	0.0768
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.7747	0.1126	0.7612	0.6593	0.3275
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9993	0.0007	0.8332	0.6663	0.4330
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8430	0.1570	0.7281	0.4328	0.6321
churn-bigml	0.9026	0.0974	0.7774	0.5173	0.4660
ci900367j_MACCS	0.7053	0.2947	0.6760	0.3455	0.8195
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.4996	0.4867	0.4110
cjs	0.9286	0.0238	0.9122	0.9130	0.1163
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8176	0.0912	0.6987	0.7056	0.2690
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.6667	0.2222	0.7059	0.5000	0.4413
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4589	0.1913	0.7257
cnae-9	0.7130	0.0638	0.7589	0.6771	0.2375
codon_usage	0.8864	0.0207	0.7091	0.8616	0.1820
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9091	0.0909	0.8839	0.7674	0.4467
collins	0.6400	0.0480	0.5837	0.6000	0.2048
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.7241	0.2759	0.6740	0.3256	0.7761
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7586	0.2414	0.7584	0.5155	0.7334
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.8065	0.1935	0.7698	0.5327	0.6667
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
connect-4	0.9852	0.0099	0.7004	0.5344	0.1170
cottonmeloidogyne	0.7043	0.2957	0.7120	0.4100	0.7778
coupon	0.6814	0.3186	0.6699	0.3252	0.8208
covtype10%	0.8401	0.0457	0.7279	0.7411	0.3045
covtypeCD	0.9811	0.0189	0.9607	0.9212	0.2269
covtypeT	0.9839	0.0161	0.9365	0.8726	0.2393
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9994	0.0006	0.9067	0.8087	0.2039
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.9512	0.0163	0.8522	0.9003	0.2312

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.4688	0.0332	0.4199	0.4516	0.0987
customer-churn	0.9800	0.0200	0.6489	0.1879	0.3370
cybersecurity	0.1633	0.2789	0.1616	-0.0094	0.8147
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.7593	0.2407	0.7513	0.4993	0.7330
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0968	0.1806	0.0954	-0.0035	0.9094
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8187	0.1813	0.7005	0.3715	0.6673
defect	0.8611	0.1389	0.6857	0.2602	0.4782
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8980	0.1020	0.7193	0.4261	0.6089
depressed	0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology	0.9730	0.0090	0.9729	0.9662	0.0254
desharnais	0.5000	0.3333	0.2667	0.0588	0.5516
dexter	0.5333	0.4667	0.5793	0.0667	0.6744
df_final	0.7500	0.1667	0.7678	0.6098	0.3572
DIA	0.8333	0.1667	0.7575	0.4872	0.5975
diabetes	0.9231	0.0769	0.9186	0.8344	0.3408
diabetes-100k	0.9614	0.0386	0.8632	0.7057	0.2670
diabetes-risk	0.9091	0.0909	0.8580	0.7149	0.4836
diabetic1%	0.5294	0.3137	0.3251	0.0628	0.5911
diabetic10%	0.5530	0.2980	0.4072	0.1270	0.6432
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9500	0.0250	0.9248	0.9303	0.0567
diamonds_all	0.6800	0.1280	0.6458	0.5460	0.4228
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.6250	0.3750	0.3846	-0.2000	0.9438
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.8870	0.1130	0.5544	0.0867	0.6703
dota2	0.5425	0.4575	0.5402	0.0804	0.9740
dota210%	0.5515	0.4485	0.5501	0.1003	0.9674
drebin	0.9740	0.0260	0.9724	0.9446	0.1623
dropout	0.7269	0.1821	0.6241	0.5346	0.5188
drug-01	0.3989	0.1717	0.2388	0.0728	0.5457
drug-02	0.5479	0.1292	0.2852	0.2116	0.4457
drug-03	0.6809	0.1064	0.1840	0.0497	0.3675
drug-04	0.5053	0.1413	0.2272	0.1216	0.6271
drug-05	0.7287	0.0775	0.1204	-0.0064	0.2524
drug-06	0.3670	0.1809	0.2668	0.2067	0.6184
drug-07	0.4096	0.1968	0.2435	0.0340	0.4846
drug-08	0.5585	0.1261	0.2072	0.1277	0.3801
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5691	0.1231	0.1847	0.1575	0.3846
drug-11	0.8511	0.0426	0.1317	0.0284	0.1249
drug-12	0.7926	0.0691	0.1478	0.0195	0.1702
drug-13	0.5745	0.1216	0.1455	0.1361	0.4181
drug-14	0.5691	0.1231	0.2264	0.1903	0.5021
drug-15	0.7553	0.0699	0.1237	0.0230	0.2467
drug-16	0.5585	0.1472	0.3141	0.2334	0.5425
drug-17	0.3511	0.1854	0.2258	0.1043	0.6076
drug-18	0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19	0.7606	0.0684	0.1234	-0.0143	0.2847

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drybean	0.9280	0.0206	0.9401	0.9130	0.1209
ecoli	0.8235	0.0588	0.7007	0.7388	0.1475
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2700	0.3650	0.2629	0.0255	0.8416
eeg	0.4767	0.0654	0.4934	0.4201	0.6021
eeg-eye	0.9079	0.0921	0.9069	0.8130	0.4037
eeg10%	0.3570	0.0804	0.3342	0.2864	0.6654
email_phishing	0.9873	0.0127	0.6533	0.1540	0.2399
eucalyptus	0.6027	0.1589	0.5650	0.4825	0.4184
euthyroid	0.9462	0.0538	0.8347	0.6620	0.4307
exon.vs.intron-freq10%	0.7806	0.2194	0.8063	0.5496	0.4676
fakenews	0.4700	0.5300	0.4687	-0.0618	1.0000
fbis-wc	0.4878	0.0603	0.3422	0.4184	0.3947
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5294	0.4706	0.5140	0.0270	0.9795
financial-risk	0.6675	0.1108	0.3665	0.4330	0.3756
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.5500	0.1286	0.3503	0.4304	0.3220
fonts10%	0.4785	0.0068	0.2066	0.4512	0.6507
forest	0.9038	0.0481	0.8898	0.8686	0.1599
gas	0.9813	0.0062	0.9809	0.9773	0.0425
gastrointestinal	0.6250	0.2500	0.6326	0.4217	0.5396
gender	0.6000	0.2667	0.4415	0.1571	0.6383
gene	0.8517	0.0988	0.8387	0.7493	0.2806
german	0.6400	0.3600	0.5475	0.0746	0.8610
gestures	0.7252	0.1374	0.7537	0.6336	0.3567
gina	0.9164	0.0836	0.9166	0.8329	0.3812
gisette	0.9629	0.0371	0.9630	0.9257	0.2090
glass	0.8095	0.0635	0.7292	0.7255	0.1795
glass-g2	0.6250	0.3750	0.6667	0.2941	0.7744
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	0.6250	0.3750	0.7241	0.3333	0.5239
glioma	0.6000	0.2667	0.4912	0.4118	0.2946
glioma-grade	0.8333	0.1667	0.8286	0.6571	0.6041
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.4667	0.2667	0.5639	0.2593	0.4505
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.9387	0.0102	0.8246	0.9276	0.0868
har	0.9857	0.0057	0.9859	0.9819	0.0345
har701%	0.9119	0.0252	0.6150	0.8672	0.1115
har7010%	0.9232	0.0220	0.6141	0.8841	0.1338
harth1%	0.8723	0.0213	0.6190	0.8257	0.2054
hayes-roth	0.4375	0.3750	0.4762	0.1111	0.6143
hcc-survival	0.7647	0.2353	0.8090	0.5526	0.4822
health-activity	0.7600	0.1200	0.2159	-0.0157	0.2902
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8710	0.1290	0.8745	0.7427	0.4884
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-failure	0.9440	0.0560	0.9349	0.8649	0.2382
heart-quantum	0.9000	0.1000	0.8970	0.7934	0.4416
hepatitis	0.6667	0.3333	0.6377	0.2424	0.7291
hepmass1%	0.8247	0.1753	0.8248	0.6492	0.6145
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6382	0.3618	0.6366	0.2731	0.8931
higgs1%	0.6481	0.3519	0.6463	0.2926	0.8828
higher	0.2857	0.1786	0.1382	0.1250	0.2661
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.6250	0.3750	0.6315	0.2227	0.8074
hiv1-proteasa	0.8718	0.1282	0.7375	0.4299	0.5397
hiva	0.9409	0.0591	0.6067	0.2119	0.6088
horse	0.6111	0.2593	0.5773	0.2931	0.5063
hotel-reservartions	0.8575	0.1425	0.8339	0.6606	0.5400
hr	0.8596	0.1404	0.4623	-0.0069	0.4101
ht-sensor10%	0.9985	0.0010	0.9985	0.9977	0.0079
htru2	0.9754	0.0246	0.9235	0.8455	0.2631
hypothyroid	0.9284	0.0358	0.4317	0.4678	0.2109
hypothyroidT	0.9523	0.0477	0.8053	0.5500	0.2570
ilpd	0.6780	0.3220	0.5181	0.0278	0.8593
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9733	0.0133	0.9735	0.9644	0.0594
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8216	0.0137	0.8439	0.8144	0.1438
jm1	0.8163	0.1837	0.6390	0.2253	0.6674
jvowels	0.9869	0.0029	0.9868	0.9852	0.0245
kc1	0.8720	0.1280	0.7108	0.3665	0.5495
kc1-class-level-defectiveornot	0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect	0.6923	0.1231	0.3080	0.3158	0.2792
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.3791	0.1774	0.4967	0.2787	0.4134
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9466	0.0534	0.4863	-0.0040	0.3215
kddcup991%	0.9909	0.0014	0.7884	0.9846	0.0286
kepler	0.8264	0.1158	0.7662	0.7108	0.2920
kidney	0.7975	0.0810	0.1776	0.0005	0.2593
kidney-disease	0.9500	0.0500	0.9479	0.8904	0.1808
krkopt	0.7576	0.0269	0.7552	0.7294	0.2846
krvskp	0.9561	0.0439	0.9561	0.9121	0.2421
la1s-wc	0.3429	0.2190	0.4870	0.2393	0.4202
la2s-wc	0.3444	0.2185	0.4847	0.2348	0.4398
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6471	0.0307	0.6017	0.6298	0.0904
led24	0.6500	0.0778	0.6976	0.6011	0.1999
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9475	0.0040	0.9475	0.9454	0.0597
leukemia	0.4286	0.3810	0.4706	0.2000	0.3558
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.7778	0.0296	0.7605	0.7610	0.0916
linkage1%	0.9997	0.0003	0.9777	0.9544	0.2027
liver	0.7647	0.2353	0.7627	0.5090	0.6973
loan	0.9110	0.0890	0.9047	0.8068	0.3865
localization	0.7567	0.0442	0.5406	0.6916	0.4153

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
localization10%	0.6657	0.0608	0.3802	0.5722	0.4602
lrs	0.9057	0.0270	0.7431	0.8709	0.0833
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	0.5000	0.5000	0.6604	0.1818	0.4422
lung-cancer-michigan	0.7778	0.2222	0.7568	0.4000	0.5000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.8571	0.0952	0.8917	0.7358	0.2703
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9362	0.0638	0.9352	0.8695	0.3227
madelon	0.5808	0.4192	0.5894	0.1615	0.8906
magic04	0.8532	0.1468	0.8375	0.6746	0.5716
malware	0.9730	0.0270	0.9599	0.9165	0.2605
mammography	0.8229	0.1771	0.8235	0.6458	0.6162
marketing	0.8438	0.1562	0.6355	0.2570	0.7163
maternal	0.7228	0.1848	0.7390	0.5848	0.4627
math	0.7500	0.1250	0.6730	0.6024	0.3525
mba	0.8258	0.1161	0.3791	0.0956	0.3684
mental-disorders	0.8333	0.0833	0.8654	0.7778	0.1572
mental-health	0.2100	0.3160	0.2075	0.0116	0.8615
messidor	0.6000	0.4000	0.5895	0.1786	0.9315
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	0.8889	0.0741	0.8730	0.8235	0.1114
meter-C	0.7222	0.1389	0.7582	0.6203	0.3648
meter-D	0.8333	0.0833	0.8904	0.7722	0.1154
mfeat-fac	0.9600	0.0080	0.9609	0.9556	0.0479
mfeat-fou	0.7750	0.0450	0.7742	0.7500	0.1929
mfeat-kar	0.9550	0.0090	0.9573	0.9500	0.0506
mfeat-mor	0.7300	0.0540	0.7317	0.7000	0.1908
mfeat-pix	0.9700	0.0060	0.9726	0.9667	0.0345
mfeat-zer	0.8350	0.0330	0.8322	0.8167	0.0995
mice-prot	0.9722	0.0069	0.9729	0.9682	0.0267
milk	0.9811	0.0126	0.9789	0.9711	0.0537
mines	0.5882	0.1647	0.5287	0.4843	0.3551
mobile	0.6224	0.0135	0.6443	0.6154	0.1625
monks-1	0.9455	0.0545	0.9458	0.8909	0.2790
monks-2	0.8689	0.1311	0.8521	0.6958	0.4955
monks-3	0.9107	0.0893	0.9178	0.8223	0.3018
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4789	0.0947	0.5029	0.3716	0.5591
musk	0.9561	0.0439	0.9125	0.8115	0.1733
MUT_ci300400a_cdk_ECFP2	0.7950	0.2050	0.7900	0.5799	0.6795
MUT_ci300400a_cdk_ECFP4	0.8024	0.1976	0.8004	0.5990	0.6601
MUT_ci300400a_cdk_ECFP6	0.7892	0.2108	0.7860	0.5709	0.6869
MUT_ci300400a_cdk_ESTATE	0.7446	0.2554	0.7411	0.4810	0.7587
MUT_ci300400a_cdk_EXTENDED	0.8189	0.1811	0.8188	0.6341	0.6231
MUT_ci300400a_cdk_FCFP2	0.7928	0.2072	0.7928	0.5819	0.6716
MUT_ci300400a_cdk_FCFP4	0.7830	0.2170	0.7846	0.5639	0.6838
MUT_ci300400a_cdk_FCFP6	0.8058	0.1942	0.8049	0.6070	0.6507
MUT_ci300400a_cdk_MACCS	0.8046	0.1954	0.8019	0.6025	0.6579
MUT_ci300400a_cdk_PUBCHEM	0.8204	0.1796	0.8189	0.6356	0.6245
MUT_ci300400a_cdk_STANDARD	0.8144	0.1856	0.8116	0.6220	0.6397
MUT_ci300400a_rdkit_descriptors	0.8283	0.1717	0.8270	0.6525	0.6089
myocardial	0.8294	0.0426	0.1137	0.0128	0.3171

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
naticusdroid	0.9643	0.0357	0.9646	0.9285	0.1990
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.8951	0.0110	0.3919	0.6993	0.4363
ncRNA10%	0.9185	0.0086	0.5736	0.7743	0.5277
neo	0.9100	0.0900	0.6667	0.2519	0.4950
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9048	0.0952	0.8662	0.6957	0.5000
newspop	0.6398	0.3602	0.6374	0.2747	0.8916
NHANES_age_prediction	0.9339	0.0661	0.8703	0.7376	0.4157
nomao	0.9443	0.0557	0.9308	0.8608	0.3011
NPHA-doctor-visits	0.5278	0.3148	0.3517	0.1056	0.5701
nursery	0.9769	0.0116	0.8993	0.9658	0.0353
obesity	0.7962	0.0582	0.8181	0.7622	0.2207
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9927	0.0073	0.9898	0.9796	0.0886
Occupancy_Estimation	0.9862	0.0069	0.9570	0.9584	0.1146
oh0-wc	0.2277	0.1545	0.3337	0.1589	0.4153
oh10-wc	0.2095	0.1581	0.2507	0.1027	0.4517
oh15-wc	0.2717	0.1457	0.3604	0.2009	0.3987
oh5-wc	0.2857	0.1429	0.3519	0.2106	0.4306
ohscal-wc	0.2052	0.1590	0.2686	0.1122	0.5812
olive	0.9298	0.0156	0.9179	0.9130	0.0801
opn310k	0.9101	0.0899	0.6130	0.0592	0.3324
opn310k10%	0.9113	0.0887	0.5990	0.0661	0.3845
opnat310k-hg16-17	0.9096	0.0904	0.6059	0.0376	0.3024
optdigits	0.9751	0.0050	0.9757	0.9723	0.0374
optdigitsZ	0.9947	0.0053	0.9834	0.9668	0.0845
orl	0.9000	0.0050	0.8809	0.8974	0.0166
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9200	0.0800	0.9158	0.8175	0.2404
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9091	0.0909	0.5308	0.0456	0.6418
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8247	0.1753	0.8048	0.6096	0.6406
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8492	0.1508	0.8610	0.7017	0.4784
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9634	0.0146	0.7512	0.7827	0.3475
parkinson	0.9000	0.1000	0.9027	0.7982	0.4119
parkinsons	0.7156	0.2844	0.6895	0.3747	0.8087
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.9009	0.0991	0.8764	0.7527	0.4732
particle10%	0.8800	0.1200	0.8517	0.7034	0.5363
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.4639	0.5361	0.5841	0.0618	0.6247
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7848	0.5667	0.6615
pediatric-leukemia	0.2941	0.2017	0.3210	0.1622	0.5804
pendigits	0.9854	0.0029	0.9855	0.9838	0.0261
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7784	0.2216	0.7730	0.5420	0.7028
personalities	0.9720	0.0035	0.9739	0.9701	0.0423
pet-adoption	0.8200	0.1800	0.7888	0.5663	0.6206
phishing	0.9388	0.0612	0.9357	0.8713	0.3146
PhiUSIIL10%	0.9953	0.0047	0.9953	0.9905	0.0323
phone-acc0.1%	0.6960	0.0869	0.6785	0.6441	0.3381
phone-acc1%	0.7948	0.0586	0.7841	0.7599	0.2478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phone-gyr0.1%	0.7071	0.0837	0.6961	0.6572	0.3521
phone-gyr1%	0.8305	0.0484	0.8214	0.8017	0.2259
phoneme	0.8852	0.1148	0.8548	0.7069	0.5010
phy	0.6832	0.3168	0.6835	0.3661	0.8401
pima	0.7500	0.2500	0.7330	0.4612	0.7515
pirvision	0.9863	0.0091	0.9709	0.9571	0.1303
placement	0.7840	0.2160	0.7766	0.5519	0.6966
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5376	0.1321	0.2108	0.1191	0.3106
poker10%	0.5405	0.1149	0.1892	0.1277	0.2949
polish-1st	0.9630	0.0370	0.6786	0.0689	0.1081
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.5990	0.0349	0.2385
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.6421	0.2273	0.5309
polya	0.7632	0.2368	0.7371	0.4725	0.7456
popularity	0.6409	0.2394	0.4131	0.1786	0.5862
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9648	0.0141	0.9645	0.9560	0.0810
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6089	0.2059	0.8920
prestige	0.7778	0.1481	0.8497	0.6667	0.1944
primary-tumor	0.5455	0.0699	0.4043	0.4745	0.2078
processed	0.9447	0.0553	0.9362	0.8716	0.2913
profb	0.7164	0.2836	0.6679	0.3339	0.8243
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.9889	0.0044	0.9846	0.9851	0.0355
puc-rio10%	0.9759	0.0097	0.9670	0.9677	0.0789
pufs-1281%	0.4980	0.5020	0.4980	-0.0039	0.9924
pufs-641%	0.4979	0.5021	0.4977	-0.0044	0.9864
pufs-6410%	0.5015	0.4985	0.5015	0.0029	0.9976
pulsar	0.9848	0.0152	0.9537	0.9065	0.1679
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc	0.5200	0.0738	0.5734	0.4191	0.2846
re1-wc	0.3795	0.0496	0.3666	0.3257	0.3469
rejafada	0.7387	0.2613	0.5120	0.0105	0.3013
relathe	0.8662	0.1338	0.8768	0.7242	0.3500
reuters21578	0.6181	0.0159	0.3343	0.3959	0.2653
rice	0.9852	0.0148	0.9850	0.9700	0.1000
rnaseq	0.9625	0.0150	0.9685	0.9507	0.0666
rocket	0.6430	0.3570	0.6334	0.2665	0.8882
RT_IOT2022	0.9951	0.0008	0.9559	0.9878	0.0264
satimage	0.9082	0.0306	0.8991	0.8866	0.1419
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.9487	0.0513	0.8429	0.6595	0.3109
scadi	0.7143	0.1143	0.5455	0.6111	0.0986
schiller	0.6667	0.3333	0.4000	-0.1739	0.9159
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	0.8889	0.1111	0.8877	0.7731	0.4518
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.9264	0.0210	0.9331	0.9139	0.0994
segmentation	0.8218	0.1782	0.8028	0.6042	0.6372
segmentO	0.9870	0.0130	0.9738	0.9463	0.0533
seismic	0.9341	0.0659	0.4830	0.0000	0.1661

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8605	0.1395	0.5709	0.0879	0.6168
sens-3-gram	0.8789	0.1211	0.6856	0.1312	0.2567
sens-4-gram	0.8579	0.1421	0.5509	0.0587	0.6232
sensorless	0.8299	0.0309	0.8305	0.8129	0.2035
sepsis	0.9094	0.0906	0.6567	0.0015	0.2086
shoppers	0.8759	0.1241	0.7157	0.3488	0.4808
shuttle	0.9981	0.0005	0.8067	0.9947	0.0764
sick	0.9469	0.0530	0.7480	0.4738	0.4921
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9997	0.0003	0.9996	0.9991	0.0048
skin10%	0.9996	0.0004	0.9994	0.9988	0.0031
smarket	0.8720	0.1280	0.8746	0.7431	0.4786
smart-farming	0.2200	0.3900	0.2187	-0.0428	0.8503
smk_can_187	0.6316	0.3684	0.6315	0.2486	0.8662
smoking	0.7488	0.2512	0.7198	0.4067	0.6985
soil_pollution	0.2100	0.3160	0.2080	0.0120	0.8697
solar-flare	0.7194	0.0935	0.6356	0.6392	0.2995
sonar	0.7500	0.2500	0.7513	0.5000	0.7429
soybean	0.9559	0.0046	0.9537	0.9518	0.0321
spam-detection	0.9510	0.0490	0.8485	0.6963	0.4574
spambase	0.8913	0.1087	0.8864	0.7727	0.4666
spect	0.8000	0.2000	0.6159	0.1935	0.7198
spectf	0.8000	0.2000	0.7515	0.3797	0.3716
spectrometer	0.3654	0.0470	0.3118	0.3212	0.2470
splice-EI	0.8896	0.1104	0.8466	0.6795	0.4515
splice-IE	0.8991	0.1009	0.8532	0.6953	0.4402
sport-articles	0.8800	0.1200	0.8731	0.7454	0.5037
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	0.7742	0.2258	0.7466	0.4894	0.7240
steel_industry	0.8627	0.0915	0.8276	0.7752	0.2946
steel-b	0.8718	0.1282	0.7938	0.5801	0.5759
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9795	0.0205	0.9683	0.9347	0.0802
steel-o	0.7949	0.2051	0.7663	0.5223	0.6712
steel-p	0.9179	0.0821	0.6255	0.1729	0.5109
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9641	0.0359	0.8957	0.7910	0.3671
stellar	0.9119	0.0587	0.9012	0.8418	0.2542
stock	0.8472	0.1528	0.7195	0.4327	0.6767
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8420	0.1580	0.8425	0.6831	0.5749
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5950	0.1620	0.3207	0.3269	0.4285
student-depression	0.8147	0.1853	0.8081	0.6157	0.6414
student-habits	0.3200	0.2720	0.2032	-0.0655	0.5798
student-weekend	0.3385	0.2646	0.2922	0.0349	0.6786
student-workday	0.6719	0.1313	0.2202	0.0132	0.4369
studentap	0.6923	0.2051	0.7049	0.5094	0.4475
susy1%	0.7888	0.2112	0.7870	0.5710	0.6782
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4000	0.4000	0.4000	0.1000	0.7047
telco-churn	0.8892	0.1108	0.8522	0.6963	0.4700
texture	0.9800	0.0036	0.9815	0.9779	0.0287

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.9591	0.0409	0.9583	0.9151	0.2038
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.4682	0.5318	0.6008	0.1283	0.6416
tis10%	0.4328	0.5672	0.6222	0.1294	0.5371
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.3750	0.2500	0.2400	0.1489	0.3773
tox_171	0.7647	0.1176	0.7873	0.6852	0.2403
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.6193	0.2326	0.8185
trec11-wc	0.4634	0.1192	0.4596	0.3740	0.3115
trec12-wc	0.4194	0.1452	0.2987	0.2228	0.3648
trec21-wc	0.7273	0.1091	0.2895	0.1490	0.2108
trec23-wc	0.4286	0.1905	0.2975	0.2270	0.3277
trec31-wc	0.5914	0.1362	0.6055	0.3893	0.2557
trec41-wc	0.4318	0.1136	0.3299	0.3457	0.3476
trec45-wc	0.4203	0.1159	0.3251	0.2966	0.3574
tuandromd	0.9818	0.0182	0.9715	0.9427	0.1915
turkish	0.7250	0.1375	0.7260	0.6333	0.3099
tvnews	0.9269	0.0731	0.9223	0.8440	0.3668
tvnews1%	0.8769	0.1231	0.8692	0.7380	0.5122
tvnews10%	0.8751	0.1249	0.8669	0.7335	0.5173
ur3_cobotops_grip	0.9741	0.0259	0.7527	0.4744	0.4158
ur3_cobotops_stop	0.9728	0.0272	0.7757	0.5322	0.4257
urban	0.7463	0.0564	0.7576	0.7028	0.1963
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%	0.0228	0.9772	0.5058	0.0003	0.0280
vehicle	0.7262	0.1369	0.6933	0.6323	0.2785
vehicleVAN	0.9405	0.0595	0.9260	0.8485	0.3668
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8372	0.1628	0.8576	0.6767	0.4011
vowel	0.3838	0.1120	0.5331	0.3222	0.3122
vowelZ	0.5253	0.4747	0.6501	0.1426	0.3382
vrnormat310k-hg16-17	0.9176	0.0824	0.6792	0.2835	0.4870
wap-wc	0.2949	0.0705	0.3009	0.2530	0.3349
warpar10p	0.3846	0.1231	0.2545	0.3113	0.2051
warppie10p	0.9048	0.0190	0.9083	0.8939	0.0438
watch-acc1%	0.8037	0.0561	0.8010	0.7703	0.2509
watch-acc10%	0.8719	0.0366	0.8699	0.8502	0.1746
watch-gyr1%	0.7470	0.0723	0.7459	0.7045	0.3246
watch-gyr10%	0.8225	0.0507	0.8208	0.7926	0.2383
water_pollution	0.2600	0.3700	0.2590	0.0128	0.8366
waveform	0.7640	0.1573	0.7660	0.6461	0.4728
weather-related	0.9500	0.0091	0.9517	0.9434	0.0805
web-phishing	0.8222	0.1185	0.7136	0.6771	0.4037
Weekly	0.9630	0.0370	0.9641	0.9256	0.1858
weight-lift	0.9865	0.0054	0.9863	0.9829	0.0373
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9800	0.0100	0.9800	0.9733	0.0510
wilt	0.9814	0.0186	0.8962	0.7903	0.3078
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5975	0.1342	0.2930	0.3356	0.3853
winequality-white	0.6237	0.1254	0.3673	0.4049	0.5418
winnipeg10%	0.9880	0.0034	0.9742	0.9849	0.0629
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yale	0.6250	0.0500	0.5919	0.5983	0.1012
yeast	0.5338	0.1036	0.4173	0.3938	0.3881
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.6146	0.2292	0.5992
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053
zip	0.9516	0.0097	0.9487	0.9458	0.0795

Table 438: Detailed results for RLDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.3445	0.6555	0.5761	0.0073	0.0306
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9797	0.0203	0.5237	0.0247	0.4494
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8378	0.1622	0.7542	0.4856	0.6106
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7810	0.2190	0.4948	-0.0075	0.7914
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8706	0.1294	0.8679	0.7354	0.5120
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.8419	0.1581	0.8239	0.6456	0.5899
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.0917	0.2019	0.0846	-0.0270	0.7828
apple-quality	0.6825	0.3175	0.6873	0.3650	0.8180
aps-failure	0.0180	0.9820	0.0177	0.0000	0.0502
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.3590	0.6410	0.2642	-0.0779	0.7638
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8871	0.0753	0.6114	0.7877	0.2090
bank	0.9080	0.0920	0.7493	0.4935	0.5936
banknote	0.9781	0.0219	0.9779	0.9557	0.1446
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8917	0.1083	0.8844	0.7521	0.3633
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9938	0.0062	0.8188	0.6369	0.4389
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.9091	0.0909	0.9141	0.8136	0.2846
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.2727	0.2424	0.0714	0.0000	0.3750
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8391	0.0805	0.5721	0.6558	0.3285
car-insurance	0.6550	0.3450	0.5065	0.0091	0.8588
card	0.8696	0.1304	0.8695	0.7361	0.5115
cardiotocography	0.6479	0.0704	0.5416	0.5810	0.3698
cardiotocography-nsp	0.1361	0.5759	0.0799	0.0000	0.2637
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.6726	0.2183	0.6718	0.5092	0.3389
cars	0.7250	0.1833	0.6856	0.5469	0.4892
cas_N6512_cdk_ECFP2	0.7573	0.2427	0.7551	0.5092	0.7377
cas_N6512_rdkit_ATOMPAIR	0.7138	0.2862	0.7112	0.4215	0.8027
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7554	0.2446	0.7539	0.5077	0.7428
cas_N6512_rdkit_FEATMORGAN	0.7404	0.2596	0.7386	0.4772	0.7660
cas_N6512_RDkit_Featmorgan_FP	0.7653	0.2347	0.7634	0.5262	0.7255
cas_N6512_RDkit_FP	0.7055	0.2945	0.7027	0.4045	0.8137
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7558	0.2442	0.7536	0.5045	0.7358
cas_N6512_RDkit_MACCS_FP	0.7531	0.2469	0.7518	0.5036	0.7463
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.7877	0.2123	0.7865	0.5731	0.6883
cas_N6512_RDkit_pattern_FP	0.7684	0.2316	0.7672	0.5344	0.7215
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.7277	0.2723	0.7255	0.4507	0.7843
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9711	0.0289	0.8033	0.5894	0.3951
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9453	0.0547	0.6099	0.1892	0.5754
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9445	0.0555	0.7443	0.4881	0.5765
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.0783	0.9217	0.0726	0.0000	0.1935
churn	0.8090	0.1910	0.6360	0.1926	0.6216
churn-bigml	0.8689	0.1311	0.6819	0.3236	0.6117
ci900367j_MACCS	0.7579	0.2421	0.7352	0.4593	0.7287
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.3810	0.4127	0.1839	0.0000	0.3169
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7593	0.1204	0.4992	0.6010	0.2826
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.8400	0.1600	0.4565	-0.0811	0.7590
cmc	0.4966	0.3356	0.4500	0.1744	0.7093
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.8701	0.1299	0.8363	0.6726	0.5658
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.6552	0.3448	0.6546	0.3062	0.8632
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.4138	0.5862	0.4114	-0.1546	1.0000
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.6731	0.3269	0.6731	0.3458	0.8534
coupon	0.6711	0.3289	0.6663	0.3324	0.8576
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.6819	0.0909	0.5323	0.4951	0.5187
covtypeCD	0.9259	0.0741	0.8264	0.6302	0.3996

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9247	0.0753	0.7122	0.4244	0.6233
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.7853	0.0716	0.6833	0.6070	0.4613
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.1635	-0.0118	0.8686
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7013	0.2987	0.5635	0.1269	0.8550
defect	0.8858	0.1142	0.7564	0.4416	0.4305
dementia	0.4800	0.5200	0.3243	0.0000	0.5302
deposit	0.8987	0.1013	0.7218	0.4314	0.6071
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.2973	0.2342	0.0764	0.0000	0.3667
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8654	0.1346	0.8804	0.7331	0.4092
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.0000	1.0000	0.0000	-0.9459	0.9799
diamonds	0.9667	0.0167	0.9601	0.9538	0.0537
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5699	0.4301	0.5662	0.1313	0.9522
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.3228	0.4515	0.1627	0.0000	0.3888
drug-01	0.3617	0.1824	0.2196	0.0580	0.7252
drug-02	0.4202	0.1657	0.2116	0.1628	0.7418
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5160	0.1383	0.1454	0.0680	0.4196
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2766	0.2067	0.1905	0.1133	0.7066
drug-07	0.3617	0.2128	0.0885	0.0000	0.2699
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-15	0.5053	0.1413	0.1802	0.1384	0.4752
drug-16	0.5213	0.1596	0.3079	0.2685	0.6321
drug-17	0.2766	0.2067	0.2126	0.0546	0.6996
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.8472	0.0437	0.8755	0.8141	0.1914
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce	0.2800	0.3600	0.2816	0.0394	0.8370
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6402	0.3598	0.6369	0.2738	0.8911
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.9146	0.0854	0.6947	0.3084	0.4637
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8169	0.1831	0.8372	0.6391	0.4940
fakenews	0.5525	0.4475	0.5525	0.1050	0.9665
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9216	0.0784	0.9251	0.8391	0.2605
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.2500	0.2500	0.0667	0.0000	0.3665
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8269	0.0865	0.8385	0.7605	0.1996
gas	0.9022	0.0326	0.9041	0.8815	0.1831
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.8864	0.0757	0.8776	0.8199	0.2965
german	0.7500	0.2500	0.7146	0.3719	0.6479
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.3810	0.2063	0.0920	0.0000	0.3180
glass-g2	0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP	0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP	0.3333	0.6667	0.2500	0.0000	0.5000
glassContainers	0.0909	0.9091	0.0833	0.0000	0.2192
glassNW	0.8571	0.1429	0.7955	0.5039	0.3038
glassTableware	0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP	0.0476	0.9524	0.0455	0.0000	0.1250
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.5833	0.4167	0.3684	0.0000	0.5068
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.6333	0.3667	0.5836	0.1624	0.8583
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.6295	0.1482	0.6207	0.5317	0.5094
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.6310	0.1054	0.4219	0.4800	0.3315

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har7010%	0.6579	0.0978	0.4456	0.5088	0.3849
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6145	0.0643	0.2822	0.4784	0.4214
harth10%	0.6294	0.0618	0.2959	0.4968	0.4062
hayes-roth	0.6250	0.2500	0.6633	0.4320	0.5153
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7713	0.5120	0.6272
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure	0.6700	0.3300	0.6679	0.3198	0.8035
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%	0.7869	0.2131	0.7874	0.5739	0.6854
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.6136	0.3864	0.6097	0.2129	0.9033
higgs1%	0.5972	0.4028	0.5924	0.1804	0.9230
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.9106	0.0894	0.8303	0.6523	0.4782
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.4879	0.3414	0.4977	0.2258	0.6939
htru2	0.9151	0.0849	0.7629	0.5238	0.6117
hypothyroid	0.0186	0.4907	0.0235	-0.0040	0.1927
hypothyroidT	0.0769	0.9231	0.0714	0.0000	0.1906
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.5556	0.4444	0.3571	-0.2857	0.9011
instagram	0.8920	0.0540	0.9019	0.8560	0.1743
ionosphere	0.3143	0.6857	0.2391	0.0000	0.4897
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.0000	1.0000	0.0000	-0.9716	0.9896
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8090	0.1910	0.6204	0.1943	0.6940
jvowels	0.8976	0.0228	0.8954	0.8841	0.1419
kc1	0.6161	0.3839	0.5853	0.1334	0.6630
kc1-class-level-defectiveornot	0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.7500	0.2500	0.6376	0.2747	0.8005
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2806	0.0799	0.2020	0.1827	0.5569
krvskp	0.9436	0.0564	0.9439	0.8871	0.2872
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.0294	0.0844	0.0025	0.0000	0.4116
led24	0.0500	0.2111	0.0106	0.0000	0.4127
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.0833	0.1222	0.0103	0.0000	0.4070
linkage1%	0.9972	0.0028	0.8617	0.7024	0.5071
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7647	0.2353	0.7202	0.4357	0.7504
loan	0.8899	0.1101	0.8818	0.7625	0.4637
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.0943	0.2588	0.0246	0.0000	0.3411
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.5556	0.4444	0.5500	0.1000	0.9644
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.8723	0.1277	0.8819	0.7465	0.4414
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.6933	0.3067	0.6675	0.3347	0.8397
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8333	0.1667	0.8334	0.6662	0.5966
marketing	0.8884	0.1116	0.7389	0.3971	0.4354
maternal	0.6040	0.2640	0.6079	0.3854	0.5671
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.8339	0.1108	0.3755	0.0552	0.3092
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1833	0.3267	0.1757	-0.0181	0.8270
messidor	0.4348	0.5652	0.3030	0.0000	0.5294
meter-A	0.3750	0.6250	0.2727	0.0000	0.5170
meter-B	0.2222	0.5185	0.1212	0.0000	0.4199
meter-C	0.3333	0.3333	0.1250	0.0000	0.3773
meter-D	0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.7650	0.0470	0.7646	0.7389	0.2232
mfeat-kar	0.9700	0.0060	0.9706	0.9667	0.0380
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.7350	0.0530	0.7444	0.7056	0.2329
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.2358	0.5094	0.1272	0.0000	0.4229
mines	0.4706	0.2118	0.4811	0.3333	0.4609
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.5091	0.4909	0.5069	0.0133	0.9850
monks-2	0.6885	0.3115	0.6310	0.2508	0.8460
monks-3	0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.8455	0.1545	0.4581	0.0000	0.2996

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP2	0.8165	0.1835	0.8099	0.6176	0.6314
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7182	0.2818	0.7074	0.4137	0.8016
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.7602	0.2398	0.7503	0.4962	0.7306
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.7632	0.2368	0.7563	0.5118	0.7327
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9485	0.0515	0.9491	0.8970	0.2600
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.5293	0.4707	0.4927	-0.0028	0.6723
NHANES_age_prediction	0.8414	0.1586	0.4569	0.0000	0.3047
nomao	0.9359	0.0641	0.9218	0.8435	0.3592
NPHA-doctor-visits	0.2917	0.4722	0.1505	0.0000	0.3860
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.8531	0.0420	0.8501	0.8286	0.1655
obs	0.7963	0.1019	0.8499	0.6850	0.1982
occupancy	0.8405	0.1595	0.7645	0.5259	0.6533
Occupancy_Estimation	0.8490	0.0755	0.5452	0.5809	0.2523
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.9298	0.0156	0.9150	0.9129	0.0409
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9520	0.0096	0.9545	0.9466	0.0656
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.7971	0.0812	0.4720	0.3095	0.6018
parkinson	0.8250	0.1750	0.8285	0.6147	0.4536
parkinsons	0.7820	0.2180	0.7636	0.5230	0.7015
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.8235	0.0353	0.8281	0.8038	0.1735
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8800	0.1200	0.8616	0.7200	0.4933
phishing	0.9388	0.0612	0.9357	0.8713	0.3146
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.6715	0.0939	0.6270	0.6146	0.2893
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.3690	0.1803	0.3105	0.2598	0.3461
phone-gyr1%	0.6521	0.0994	0.6017	0.5918	0.2927
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7593	0.2407	0.7328	0.4566	0.7374
phy	0.7050	0.2950	0.7050	0.4100	0.8145
pima	0.6842	0.3158	0.6565	0.2985	0.8279
pirvision	0.9686	0.0209	0.9446	0.9002	0.1534
placement	0.7520	0.2480	0.7520	0.5005	0.7398
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.6111	0.3889	0.4834	-0.0328	0.9365
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.6063	0.0640	0.2756
polish-2nd	0.9597	0.0403	0.5715	0.0413	0.3170
polish-3rd	0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th	0.7949	0.2051	0.6074	0.1456	0.4572
polish-5th	0.9306	0.0694	0.6122	0.1119	0.4175
polya	0.7232	0.2768	0.6823	0.3462	0.7793
popularity	0.6585	0.2277	0.4321	0.1660	0.5089
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.7835	0.0866	0.7854	0.7295	0.3062
pred-tox_mutagen_ref-desc	0.7647	0.2353	0.7652	0.5294	0.7238
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8060	0.1940	0.7703	0.5212	0.6318
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.8135	0.0746	0.7418	0.7457	0.2425
puc-rio10%	0.8171	0.0731	0.7314	0.7509	0.2352
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.4913	0.5088	0.4913	-0.0175	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9170	0.0830	0.7357	0.4690	0.6044
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9247	0.0753	0.9262	0.8461	0.3012
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6067	0.3933	0.5629	0.0994	0.8603

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8009	0.0664	0.7691	0.7549	0.2562
satimageF	0.9751	0.0249	0.9331	0.8594	0.1365
satimageT	0.8880	0.1120	0.4703	-0.0200	0.5530
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.5588	0.4412	0.5598	0.1176	0.9547
sclerosis	0.9630	0.0370	0.9635	0.9244	0.1598
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.8571	0.0952	0.8780	0.7857	0.2113
segment	0.9177	0.0235	0.9271	0.9038	0.0834
segmentation	0.8069	0.1931	0.8005	0.5955	0.6532
segmentO	0.9697	0.0303	0.9390	0.8778	0.2677
seismic	0.9302	0.0698	0.5751	0.0819	0.4920
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8553	0.1447	0.5439	0.0534	0.6462
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.7986	0.0366	0.8078	0.7785	0.1822
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8775	0.1225	0.7206	0.3611	0.4775
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9363	0.0637	0.6634	0.2684	0.5068
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9374	0.0626	0.9208	0.8289	0.3840
skin10%	0.9400	0.0600	0.9235	0.8352	0.3768
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2033	0.3187	0.2036	0.0028	0.8593
solar-flare	0.7194	0.0935	0.6529	0.6387	0.2807
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.7543	0.2457	0.7597	0.4271	0.4860
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.7429	0.2571	0.6758	0.3505	0.8017
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.9401	0.0599	0.9246	0.8469	0.3680
splice-IE	0.8927	0.1073	0.8459	0.6888	0.5037
sport-articles	0.6300	0.3700	0.5342	0.0139	0.6187
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	0.6559	0.3441	0.6346	0.0388	0.4732
steel_industry	0.7477	0.1682	0.6979	0.5931	0.4727
steel-b	0.8256	0.1744	0.6977	0.3605	0.6518
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9692	0.0308	0.9520	0.9020	0.1773
steel-o	0.7538	0.2462	0.7201	0.3772	0.6260
steel-p	0.9333	0.0667	0.7373	0.4474	0.5093
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9538	0.0462	0.8720	0.7436	0.4535
stellar	0.8706	0.0863	0.8567	0.7661	0.3180

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stock	0.8333	0.1667	0.6696	0.3132	0.6852
stockb	0.9031	0.0646	0.9076	0.8547	0.1728
streaming	0.7980	0.2020	0.7952	0.5900	0.6695
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.8344	0.1656	0.8281	0.6538	0.5923
student-habits	0.3700	0.2520	0.1707	-0.0029	0.4751
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.7602	0.2398	0.7641	0.5228	0.7183
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.5882	0.4118	0.5662	0.1314	0.9243
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9776	0.0224	0.9659	0.9315	0.2128
turkish	0.8000	0.1000	0.8015	0.7333	0.2378
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9308	0.0692	0.9254	0.8507	0.3453
tvnews10%	0.8936	0.1064	0.8844	0.7669	0.4496
ur3_cobotops_grip	0.8707	0.1293	0.5455	0.0648	0.4240
ur3_cobotops_stop	0.6925	0.3075	0.4799	-0.0157	0.2856
urban	0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.6667	0.1667	0.6664	0.5586	0.3883
vehicleVAN	0.9643	0.0357	0.9519	0.9032	0.2250
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.4884	0.5116	0.3281	0.0000	0.5296
vowel	0.6667	0.0606	0.6561	0.6333	0.1571
vowelZ	0.8990	0.1010	0.8278	0.5926	0.5305
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.5589	0.1260	0.5450	0.4825	0.4887

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.4563	0.1553	0.4463	0.3643	0.5563
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2667	0.3667	0.2687	0.0238	0.8445
waveform	0.8500	0.1000	0.8501	0.7750	0.3511
weather-related	0.9308	0.0126	0.9365	0.9213	0.0785
web-phishing	0.7556	0.1630	0.5192	0.5352	0.3846
Weekly	0.9167	0.0833	0.9203	0.8280	0.2680
weight-lift	0.9177	0.0329	0.9143	0.8958	0.1410
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.8447	0.1553	0.7318	0.3265	0.4454
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white	0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg	0.9836	0.0047	0.9747	0.9792	0.0492
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9298	0.0702	0.9268	0.8430	0.2236
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.5946	0.0811	0.5865	0.5468	0.4578

Table 439: Detailed results for RLR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1880	0.0773	0.1326	0.0993	0.4730
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9809	0.0191	0.5392	0.0284	0.3504
accident	0.6000	0.4000	0.6000	0.2000	0.9288
ads	0.9756	0.0244	0.9482	0.8909	0.0862
adult	0.8475	0.1525	0.7763	0.5463	0.6244
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8492	0.1508	0.5066	0.0132	0.7200
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8498	0.1502	0.7809	0.5456	0.5854
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7619	0.0952	0.3247	0.4040	0.2446
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8300	0.6591	0.5847
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9903	0.0097	0.4976	-0.0024	0.4342
anuran-family	0.9360	0.0320	0.6856	0.8756	0.1590
anuran-genus	0.9527	0.0118	0.8812	0.9213	0.1621
anuran-species	0.9583	0.0083	0.9116	0.9418	0.0758
anxiety	0.0917	0.2019	0.0930	-0.0232	0.8201
apple-quality	0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia	0.7333	0.0533	0.5019	0.5341	0.2340
auction	0.8971	0.1029	0.7211	0.3859	0.5057

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.6234	0.0645	0.5283
autos	0.7500	0.0833	0.6471	0.6667	0.2318
avila	0.5347	0.0775	0.3905	0.2888	0.3272
babies	0.4274	0.1636	0.1390	0.0906	0.4445
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.9080	0.0920	0.7341	0.4490	0.5667
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.9799	0.0201	0.9799	0.9598	0.1334
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8682	0.7362	0.5083
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.5896	0.2052	0.5791	0.4527	0.5222
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8448	0.0776	0.6089	0.6665	0.3553
car-insurance	0.8340	0.1660	0.8034	0.6058	0.6273
card	0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography	0.7981	0.0404	0.7624	0.7554	0.1988
cardiotocography-nsp	0.8967	0.0689	0.8174	0.7108	0.2998
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6268	0.5084	0.5449
cas_N6512_cdk_ECFP2	0.7481	0.2519	0.7460	0.4916	0.7538
cas_N6512_rdkit_ATOMPAIR	0.7169	0.2831	0.7144	0.4283	0.7990
cas_N6512_RDkit_AtomPair_FP	0.7592	0.2408	0.7572	0.5120	0.7309
cas_N6512_rdkit_AVALON	0.7834	0.2166	0.7822	0.5645	0.6959
cas_N6512_RDkit_Avalon_FP	0.8021	0.1979	0.8014	0.6026	0.6612
cas_N6512_rdkit_descriptors	0.7538	0.2462	0.7526	0.5052	0.7450
cas_N6512_rdkit_FEATMORGAN	0.7512	0.2488	0.7493	0.4985	0.7495
cas_N6512_RDkit_Featmorgan_FP	0.7607	0.2393	0.7590	0.5180	0.7341
cas_N6512_RDkit_FP	0.7224	0.2776	0.7200	0.4395	0.7915
cas_N6512_rdkit_LAYERED	0.7785	0.2215	0.7780	0.5556	0.7032
cas_N6512_RDkit_Layered_FP	0.7653	0.2347	0.7635	0.5267	0.7261
cas_N6512_rdkit_MACCS	0.7296	0.2704	0.7320	0.4436	0.7305
cas_N6512_RDkit_MACCS_FP	0.7377	0.2623	0.7366	0.4649	0.7500
cas_N6512_rdkit_MORGAN	0.7477	0.2523	0.7455	0.4904	0.7537

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.7623	0.2377	0.7607	0.5214	0.7317
cas_N6512_rdkit_PATTERN	0.7785	0.2215	0.7777	0.5551	0.7039
cas_N6512_RDkit_pattern_FP	0.7837	0.2163	0.7834	0.5663	0.6938
cas_N6512_rdkit_RDKITFP	0.7481	0.2519	0.7469	0.4938	0.7539
cas_N6512_rdkit_TORSION	0.7323	0.2677	0.7303	0.4604	0.7778
ccds1%	0.9615	0.0385	0.6177	0.1165	0.3554
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9468	0.0532	0.5422	0.0403	0.4723
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.1667	0.8333	0.1429	-0.6667	0.9586
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8080	0.1920	0.6372	0.2139	0.6601
churn-bigml	0.8764	0.1236	0.6982	0.3253	0.5256
ci900367j_MACCS	0.6737	0.3263	0.6417	0.2794	0.8631
circles	0.9760	0.0005	0.9786	0.9758	0.0084
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7713	0.1144	0.4960	0.6246	0.2973
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4762	0.3492	0.4426	0.1653	0.7587
cnae-9	0.9630	0.0082	0.9649	0.9583	0.0420
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.6800	0.0427	0.5852	0.6440	0.1456
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5172	0.4828	0.4025	-0.1802	1.0000
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7668	0.2332	0.7670	0.5338	0.7221
coupon	0.6822	0.3178	0.6727	0.3439	0.8459
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9458	0.0542	0.8807	0.7598	0.3959
covtypeT	0.9418	0.0582	0.7380	0.4572	0.5199

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8802	0.0399	0.6504	0.7439	0.2874
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.3750	0.0391	0.3128	0.3548	0.1218
customer-churn	0.9794	0.0206	0.6068	0.0529	0.2097
cybersecurity	0.1500	0.2833	0.1534	-0.0232	0.8558
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7222	0.2778	0.7276	0.4475	0.7689
darwin	0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8147	0.1853	0.6859	0.3008	0.5989
defect	0.8827	0.1173	0.7477	0.4323	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9013	0.0987	0.7198	0.4152	0.5756
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.7500	0.1667	0.7690	0.6098	0.3265
DIA	0.7167	0.2833	0.5964	0.1905	0.8509
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5882	0.2745	0.3769	0.1781	0.4768
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.6494	0.1402	0.5384	0.4842	0.4177
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.5833	0.4167	0.5845	0.1667	0.9267
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.6245	0.1244	0.2625
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5699	0.4301	0.5664	0.1320	0.9528
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7652	0.1565	0.6778	0.6011	0.4577
drug-01	0.4202	0.1657	0.1676	0.0827	0.5155
drug-02	0.5106	0.1398	0.1741	0.1021	0.5256
drug-03	0.6862	0.0897	0.1379	0.0578	0.2999
drug-04	0.5213	0.1368	0.2076	0.0788	0.4360
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.2178	0.2469	0.4862
drug-07	0.4468	0.1581	0.1334	0.0507	0.3516
drug-08	0.5638	0.1246	0.2096	0.1267	0.4212
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5638	0.1246	0.2231	0.1516	0.3481
drug-11	0.8511	0.0426	0.1317	0.0277	0.1222
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1718	0.2228	0.3713
drug-14	0.6064	0.1125	0.2898	0.2618	0.3908

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-15	0.7447	0.0729	0.1231	0.0221	0.2863
drug-16	0.6011	0.1140	0.2503	0.3219	0.3849
drug-17	0.3723	0.1793	0.1790	0.1241	0.4899
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7553	0.0699	0.1229	-0.0198	0.2767
drybean	0.9199	0.0229	0.9334	0.9031	0.1270
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.2422	-0.0132	0.8630
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5975	0.4025	0.5843	0.1550	0.9015
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6027	0.1589	0.5675	0.4845	0.3968
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8896	0.1104	0.8905	0.7794	0.4553
fakenews	0.5425	0.4575	0.5422	0.0843	0.9730
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.8537	0.0172	0.8403	0.8332	0.1031
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9608	0.0392	0.9616	0.9202	0.1675
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9423	0.0288	0.9333	0.9202	0.0859
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.6250	0.2500	0.5906	0.3962	0.5975
gender	0.6021	0.2653	0.3807	0.1449	0.5100
gene	0.9211	0.0526	0.9100	0.8738	0.2162
german	0.7500	0.2500	0.7121	0.3812	0.6824
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.9686	0.0314	0.9686	0.9371	0.1875
glass	0.6667	0.1111	0.6644	0.5196	0.2537
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4000	0.3000	0.2519	0.1456	0.5114
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.7375	0.1050	0.7267	0.6666	0.4054
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7650	0.0671	0.4270	0.6207	0.1805

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6600	0.3400	0.6573	0.3120	0.8652
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1741	0.1139	0.3075
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9275	0.0725	0.8693	0.7383	0.4556
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6667	0.2222	0.6246	0.4293	0.5730
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9469	0.0265	0.5951	0.5901	0.1388
hypothyroidT	0.9708	0.0292	0.8890	0.7513	0.0934
ilpd	0.7288	0.2712	0.6138	0.1243	0.6306
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9447	0.0277	0.9452	0.9262	0.1097
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8127	0.1873	0.6156	0.1360	0.5891
jvowels	0.9378	0.0138	0.9334	0.9294	0.0956
kc1	0.8720	0.1280	0.7108	0.3665	0.5495
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.6923	0.1231	0.3778	0.3810	0.2608
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6751	0.3350	0.7254
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2827	0.0797	0.2221	0.1791	0.5278
krvskp	0.9781	0.0219	0.9781	0.9561	0.1413
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8235	0.0153	0.8438	0.8147	0.0451
led24	0.7500	0.0500	0.7075	0.7183	0.0988
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7140	0.0220	0.7125	0.7025	0.2720
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8056	0.0259	0.8359	0.7912	0.0942
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9204	0.0796	0.9149	0.8297	0.3786
localization	0.0316	0.1761	0.0056	0.0000	0.3471
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8679	0.0377	0.5476	0.8172	0.0744
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5615	0.4385	0.5620	0.1231	0.9564
magic04	0.7796	0.2204	0.7498	0.4919	0.7068
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.9018	0.0982	0.7768	0.5110	0.4530
maternal	0.6238	0.2508	0.6298	0.4189	0.5498
math	0.7250	0.1375	0.5762	0.5538	0.2849
mba	0.8290	0.1140	0.3506	0.0214	0.3224
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2433	0.3027	0.2451	0.0536	0.8368
messidor	0.7304	0.2696	0.7319	0.4603	0.7703
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8730	0.8448	0.1217
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9850	0.0030	0.9854	0.9833	0.0190
mfeat-fou	0.8350	0.0330	0.8394	0.8167	0.1498
mfeat-kar	0.9600	0.0080	0.9607	0.9556	0.0501
mfeat-mor	0.7200	0.0560	0.7196	0.6889	0.2125
mfeat-pix	0.9650	0.0070	0.9665	0.9611	0.0386
mfeat-zer	0.8150	0.0370	0.8190	0.7944	0.1001
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8868	0.0755	0.8903	0.8293	0.2463
mines	0.5294	0.1882	0.4915	0.4081	0.4161
mobile	0.7727	0.0081	0.7866	0.7686	0.1042
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4839	0.0938	0.4814	0.3710	0.5362
musk	0.9409	0.0591	0.8798	0.7394	0.2589

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP2	0.8082	0.1918	0.8012	0.6006	0.6499
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7170	0.2830	0.7081	0.4162	0.8039
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.7530	0.2470	0.7437	0.4705	0.7113
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.7870	0.2130	0.7810	0.5614	0.6919
myocardial	0.8824	0.0294	0.2939	0.4010	0.0956
naticusdroid	0.9632	0.0368	0.9632	0.9264	0.2109
NCI60	0.6667	0.1111	0.6222	0.6000	0.1039
nci9	1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6468	0.3532	0.6441	0.2875	0.8835
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9428	0.0572	0.9298	0.8597	0.3279
NPHA-doctor-visits	0.5000	0.3333	0.2849	-0.0302	0.5269
nursery	0.9159	0.0336	0.5569	0.8754	0.1253
obesity	0.7441	0.0731	0.7375	0.7011	0.2639
obs	0.7963	0.1019	0.8333	0.6946	0.2550
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9911	0.0044	0.9707	0.9730	0.0307
oh0-wc	0.9109	0.0178	0.9189	0.8979	0.0724
oh10-wc	0.7524	0.0495	0.7195	0.7177	0.2427
oh15-wc	0.7826	0.0435	0.7605	0.7534	0.2145
oh5-wc	0.7912	0.0418	0.7933	0.7641	0.2017
olive	0.9474	0.0117	0.9345	0.9347	0.0365
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9142	0.0858	0.6706	0.0573	0.2012
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9573	0.0085	0.9592	0.9525	0.0604
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9684	0.0316	0.7102	0.1943	0.0960
ozone8hr	0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8505	0.1495	0.8329	0.6658	0.5840
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8654	0.7299	0.5231
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9616	0.0154	0.6895	0.7603	0.2773
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8104	0.1896	0.8049	0.6069	0.6490
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8892	0.1108	0.8605	0.7201	0.5016
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4639	0.5361	0.4546	-0.0907	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia	0.7941	0.0588	0.7575	0.7489	0.1976
pendigits	0.9363	0.0127	0.9358	0.9292	0.0962
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.5556	0.4444	0.3571	-0.2000	0.9762
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9100	0.0900	0.8992	0.7831	0.3023
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7741	0.2259	0.7114	0.4208	0.7550
phy	0.7072	0.2928	0.7072	0.4143	0.8116
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9895	0.0070	0.9818	0.9669	0.0722
placement	0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4927	0.1449	0.1314	-0.0083	0.2541
poker10%	0.4997	0.1251	0.1228	0.0026	0.2155
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th	0.9340	0.0660	0.6503	0.1552	0.3548
polya	0.7859	0.2141	0.7609	0.5175	0.7002
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6624	0.3235	0.8639
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.4545	0.0839	0.3418	0.3920	0.2469
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8060	0.1940	0.7711	0.5330	0.6591
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8304	0.0678	0.7581	0.7698	0.2404
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5012	0.4988	0.5013	0.0025	0.9993
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc	0.8200	0.0277	0.8197	0.7664	0.2209
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6009	0.3991	0.5710	0.1379	0.9302

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8336	0.0555	0.7848	0.7920	0.1943
satimageF	0.9829	0.0171	0.9552	0.9101	0.1937
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6765	0.3235	0.6768	0.3529	0.8487
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8910	0.1090	0.4712	-0.0557	0.6926
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9461	0.9291	0.0707
segmentation	0.8267	0.1733	0.8087	0.6164	0.6280
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9380	0.0620	0.6847	0.1046	0.1594
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8848	0.1152	0.7418	0.4245	0.4855
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9200	0.0800	0.8801	0.7600	0.4634
skin10%	0.9167	0.0833	0.8737	0.7474	0.4711
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2800	0.3600	0.1857	0.0270	0.5574
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2000	0.3200	0.2575	-0.0047	0.7255
solar-flare	0.7554	0.0815	0.6869	0.6850	0.1857
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection	0.9430	0.0570	0.8110	0.6114	0.4556
spambase	0.9109	0.0891	0.9065	0.8106	0.3857
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer	0.3654	0.0470	0.1919	0.3231	0.2024
splice-EI	0.9558	0.0442	0.9443	0.8867	0.3044
splice-IE	0.9180	0.0820	0.8846	0.7687	0.4355
sport-articles	0.8000	0.2000	0.7802	0.5510	0.6550
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7534	0.1644	0.7004	0.5982	0.4707
steel-b	0.8154	0.1846	0.6851	0.3512	0.7045
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9795	0.0205	0.9693	0.9382	0.2014
steel-o	0.7487	0.2513	0.7088	0.3813	0.7014
steel-p	0.9282	0.0718	0.7214	0.4253	0.5579
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957
stellar	0.5945	0.2703	0.2486	0.0000	0.3397

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stock	0.9167	0.0833	0.8521	0.7004	0.4623
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.8000	0.2000	0.7975	0.5949	0.6667
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6450	0.1420	0.3614	0.4059	0.3789
student-depression	0.8369	0.1631	0.8309	0.6609	0.5925
student-habits	0.4300	0.2280	0.1979	0.0932	0.4541
student-weekend	0.3692	0.2523	0.2157	0.1042	0.6029
student-workday	0.6875	0.1250	0.1645	0.0154	0.3459
studentap	0.5385	0.3077	0.4097	0.2500	0.4742
susy1%	0.7940	0.2060	0.7938	0.5792	0.6514
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8358	0.1642	0.7705	0.5389	0.6557
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.8824	0.0588	0.9083	0.8440	0.0951
toxicity	0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec12-wc	0.1613	0.2097	0.0347	0.0000	0.3749
trec21-wc	0.9091	0.0364	0.7373	0.8036	0.1656
trec23-wc	0.8095	0.0635	0.6238	0.7375	0.1174
trec31-wc	0.9570	0.0143	0.9686	0.9429	0.0576
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9821	0.0179	0.9722	0.9443	0.1640
turkish	0.8250	0.0875	0.8244	0.7667	0.1948
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%	0.8936	0.1064	0.8845	0.7677	0.4543
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8060	0.0431	0.8412	0.7735	0.1490
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7500	0.1250	0.7356	0.6670	0.2101
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.5051	0.0900	0.4527	0.4556	0.2280
vowelZ	0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8480	0.1013	0.8480	0.7720	0.3535
weather-related	0.9635	0.0066	0.9650	0.9585	0.0454
web-phishing	0.8148	0.1235	0.5642	0.6533	0.3988
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9710	0.0290	0.8233	0.6176	0.3047
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6038	0.1321	0.2812	0.3381	0.3407
winequality-white	0.5153	0.1385	0.2397	0.2050	0.4290
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7467	0.7983	0.0412
yeast	0.4730	0.1054	0.2955	0.3187	0.4085
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 440: Detailed results for RLSC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1703	0.0572	0.0458	0.0716	0.3955
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.8382	0.1618	0.7564	0.4958	0.6232
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7500	0.2500	0.5180	0.0357	0.7748
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.8738	0.1262	0.4663	-0.0669	0.6884
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.5714	0.4286	0.6818	0.2222	0.4422
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red	0.7500	0.2500	0.6891	0.3750	0.7858
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9068	0.0466	0.6252	0.8183	0.2179
anuran-genus	0.8957	0.0261	0.5995	0.8217	0.1664
anuran-species	0.9069	0.0186	0.6839	0.8679	0.0833
aps-failure	0.9884	0.0116	0.8057	0.5717	0.2633
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.7111	0.0444	0.3242	0.5013	0.2125
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.8261	0.0145	0.3598	0.7987	0.0376
audit-risk	0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9571	0.0429	0.9470	0.8934	0.2857
autism-child	0.8621	0.1379	0.8619	0.7238	0.5324
autos	0.7500	0.0833	0.6485	0.6599	0.2022
avila	0.4844	0.0859	0.1849	0.1925	0.3086
balance	0.8871	0.0753	0.6113	0.7879	0.2115
bank	0.9073	0.0927	0.7260	0.4232	0.5517
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
barleyblumeria	0.8940	0.1060	0.8868	0.7578	0.3593
basehock	0.9648	0.0352	0.9650	0.9297	0.1998
bio	0.9941	0.0059	0.8001	0.5091	0.0671
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0010	0.0342	0.0000	0.0117
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.7407	0.7800	0.0723
bridges	0.8000	0.0571	0.5333	0.7143	0.0578
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
car	0.8276	0.0862	0.4093	0.6244	0.2390
card	0.8986	0.1014	0.8989	0.7947	0.4326
cardiotocography	0.6761	0.0648	0.4407	0.6005	0.2462
cardiotocography-nsp	0.8498	0.1002	0.7056	0.5712	0.4686
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5951	0.4643	0.4591
cas_N6512_cdk_ECFP2	0.5570	0.4517	0.5928	0.0334	0.5801
cas_N6512_rdkit_ATOMPAIR	0.7231	0.2769	0.7210	0.4418	0.7911
cas_N6512_RDkit_AtomPair_FP	0.7515	0.2485	0.7494	0.4978	0.7469
cas_N6512_rdkit_AVALON	0.7834	0.2166	0.7828	0.5653	0.6948
cas_N6512_RDkit_Avalon_FP	0.7960	0.2040	0.7964	0.5916	0.6692
cas_N6512_rdkit_descriptors	0.7446	0.2554	0.7434	0.4867	0.7593
cas_N6512_rdkit_FEATMORGAN	0.7373	0.2627	0.7361	0.4721	0.7701
cas_N6512_RDkit_Featmorgan_FP	0.7807	0.2193	0.7798	0.5595	0.7002
cas_N6512_RDkit_FP	0.7454	0.2546	0.7439	0.4878	0.7583
cas_N6512_rdkit_LAYERED	0.7815	0.2185	0.7816	0.5624	0.6963
cas_N6512_RDkit_Layered_FP	0.7653	0.2347	0.7635	0.5267	0.7261
cas_N6512_rdkit_MACCS	0.7573	0.2427	0.7551	0.5080	0.7345
cas_N6512_RDkit_MACCS_FP	0.7577	0.2423	0.7566	0.5132	0.7387
cas_N6512_rdkit_MORGAN	0.7662	0.2338	0.7645	0.5289	0.7253
cas_N6512_RDkit_morgan_FP	0.7761	0.2239	0.7751	0.5501	0.7083
cas_N6512_rdkit_PATTERN	0.7892	0.2108	0.7881	0.5763	0.6855
cas_N6512_RDkit_pattern_FP	0.7853	0.2147	0.7842	0.5684	0.6924
cas_N6512_rdkit_RDKITFP	0.7419	0.2581	0.7407	0.4814	0.7633
cas_N6512_rdkit_TORSION	0.7415	0.2585	0.7413	0.4820	0.7619
ccds1%	0.9396	0.0604	0.4844	-0.0288	0.6429
cdc_diabetes	0.8463	0.1024	0.4099	0.1083	0.2727
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8083	0.1917	0.8065	0.6026	0.6366
census10%	0.9519	0.0481	0.7356	0.4165	0.4149
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.9419	0.0581	0.7273	0.4173	0.4835
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
ci900367j_MACCS	0.7368	0.2632	0.7164	0.4317	0.7823

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
circles	0.0400	0.0192	0.0031	0.0303	0.3071
cirrhosis	0.7381	0.1746	0.5065	0.4420	0.3443
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7657	0.1171	0.4261	0.6105	0.2435
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.7500	0.1667	0.7708	0.6087	0.4277
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4830	0.3447	0.4524	0.1812	0.7517
cnae-9	0.9630	0.0082	0.9642	0.9583	0.0413
codon_usage	0.7897	0.0382	0.4135	0.7394	0.1945
coil20	0.9514	0.0049	0.9527	0.9488	0.0316
collins	0.4600	0.0720	0.3717	0.3965	0.2860
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2	0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3	0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7742	0.1505	0.7045	0.6213	0.3349
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7764	0.2236	0.7765	0.5529	0.7066
coupon	0.6814	0.3186	0.6718	0.3421	0.8468
covtype	0.7004	0.0856	0.3999	0.5028	0.3426
covtype10%	0.6974	0.0865	0.4330	0.4973	0.3546
covtypeCD	0.9294	0.0706	0.8412	0.6783	0.4627
covtypeT	0.9369	0.0631	0.6809	0.2541	0.3955
crowdsourced	0.8341	0.0553	0.3969	0.6111	0.1926
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1875	0.0406	0.0805	0.1663	0.1337
cyclopentane	0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands	0.7963	0.2037	0.7901	0.5763	0.6650
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8130	0.1870	0.6853	0.3280	0.6582
deposit	0.8976	0.1024	0.6972	0.3505	0.5584
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3639	0.1351	0.4618
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
diabetes	0.8077	0.1923	0.8263	0.6221	0.5565
diabetic1%	0.5686	0.2876	0.4780	0.2335	0.6711
diabetic10%	0.5403	0.3065	0.3917	0.1308	0.6575
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6068	0.4019	0.5889	0.1660	0.9201
dlbcl-harvard-tumor	0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih	0.5417	0.4583	0.5495	0.0959	0.9453
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dota2	0.6008	0.3992	0.5976	0.1934	0.9255
dota210%	0.5641	0.4359	0.5605	0.1203	0.9574
dropout	0.7585	0.1610	0.6414	0.5802	0.4135
drug-01	0.4096	0.1687	0.1569	0.0558	0.4597
drug-02	0.5160	0.1383	0.1741	0.1258	0.4924

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-03	0.6915	0.0881	0.1172	0.0096	0.1975
drug-04	0.5106	0.1398	0.1792	0.0513	0.3903
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2284	0.2677	0.3723
drug-07	0.4574	0.1550	0.1391	0.0690	0.3383
drug-08	0.5426	0.1307	0.1227	0.0473	0.3882
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5479	0.1292	0.1528	0.1514	0.3619
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1731	0.2579	0.3282
drug-14	0.6064	0.1125	0.2420	0.2555	0.3382
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.6064	0.1125	0.2889	0.3226	0.3541
drug-17	0.3564	0.1839	0.1302	0.1027	0.4376
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9052	0.0271	0.9176	0.8851	0.1441
ecoli	0.8529	0.0368	0.4437	0.7901	0.0841
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
eeg	0.3355	0.0831	0.2869	0.2518	0.5600
eeg-eye	0.6462	0.3538	0.6380	0.2684	0.8727
eeg10%	0.3147	0.0857	0.2735	0.2303	0.5480
eucalyptus	0.5890	0.1644	0.5293	0.4586	0.4105
euthyroid	0.9209	0.0791	0.7359	0.3021	0.1921
exon.vs.intron-freq	0.8919	0.1081	0.8953	0.7846	0.4271
exon.vs.intron-freq10%	0.8870	0.1130	0.8898	0.7748	0.4471
farm-ads	0.9106	0.0894	0.9111	0.8194	0.3815
fbis-wc	0.8293	0.0201	0.7826	0.8044	0.1196
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
flags	0.5500	0.1125	0.3165	0.4393	0.2811
fonts10%	0.3238	0.0088	0.0370	0.2607	0.3350
forest	0.9231	0.0385	0.9071	0.8932	0.0993
gas	0.9655	0.0115	0.9628	0.9581	0.0717
gastrointestinal	0.7500	0.1667	0.6808	0.5817	0.4216
gender	0.6021	0.2653	0.3796	0.1409	0.5084
gene	0.9403	0.0394	0.9274	0.9414	0.1650
german	0.7300	0.2700	0.6848	0.3317	0.7314
gina	0.8876	0.1124	0.8882	0.7748	0.4587
gisette	0.9757	0.0243	0.9757	0.9514	0.1539
glass	0.7143	0.0952	0.5338	0.5786	0.2399
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP	0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
gli_85	0.6250	0.3750	0.7241	0.3333	0.5239
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4000	0.3000	0.4288	0.1818	0.5482
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.5793	0.1045	0.7293

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hapt	0.9616	0.0064	0.8774	0.9545	0.0409
har70	0.7480	0.0720	0.3808	0.5925	0.1820
har701%	0.7434	0.0733	0.3750	0.5843	0.1792
har7010%	0.7490	0.0717	0.3805	0.5938	0.1770
harth1%	0.6101	0.0650	0.1646	0.4148	0.2649
harth10%	0.6122	0.0646	0.1681	0.4177	0.2636
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.7059	0.2941	0.7043	0.4056	0.8063
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
hepatitis	0.9333	0.0667	0.9148	0.8148	0.4011
hepmass1%	0.8351	0.1649	0.8351	0.6702	0.5936
hepmass10%	0.8351	0.1649	0.8351	0.6702	0.5935
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6555	0.3445	0.6527	0.3016	0.8677
higgs1%	0.6397	0.3603	0.6368	0.2664	0.8767
higgs10%	0.6405	0.3595	0.6379	0.2697	0.8781
higher	0.2857	0.1786	0.1793	0.1411	0.2963
hinselmann	0.4000	0.6000	0.2857	-0.3636	0.7910
hiv1-proteasa	0.8860	0.1198	0.8023	0.5421	0.5867
hiva	1.0000	0.0377	0.6101	0.1032	0.4719
horse	0.6667	0.2222	0.6189	0.4170	0.5477
ht-sensor	0.5530	0.2980	0.5547	0.3297	0.6810
ht-sensor10%	0.5361	0.3093	0.5369	0.3041	0.6988
htru2	0.9709	0.0290	0.9070	0.8040	0.2024
hypothyroid	0.9231	0.0385	0.3980	0.2618	0.0879
hypothyroidT	0.9310	0.0690	0.7021	0.1756	0.1727
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere	0.8571	0.1429	0.8309	0.6602	0.5698
iris	0.6667	0.2222	0.6139	0.4898	0.3083
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9012	0.0076	0.9036	0.8972	0.0878
jm1	0.8127	0.1873	0.6144	0.1130	0.5455
jvowels	0.8564	0.0319	0.8541	0.8369	0.1634
kc1	0.8531	0.1469	0.6523	0.2484	0.6183
kc1-class-level-defectiveornot	0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect	0.6429	0.0298	0.0752	0.2708	0.0880
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6081	0.1734	0.7219
kdc-4007	0.8803	0.0299	0.7729	0.8603	0.1789
kddcup981%	0.7158	0.2842	0.5405	0.0447	0.3939
kddcup9810%	0.9236	0.0764	0.5422	0.0819	0.6595
kddcup991%	0.9911	0.0008	0.4234	0.9849	0.0319
kddcup9910%	0.9905	0.0008	0.5109	0.9839	0.0582
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.2684	0.0813	0.1170	0.1539	0.4675
krvskp	0.9404	0.0596	0.9409	0.8809	0.2973
la1s-wc	0.7407	0.0921	0.7370	0.6911	0.3740
la2s-wc	0.7631	0.0790	0.7594	0.6928	0.3275
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5000	0.0250	0.2949	0.4830	0.1017
led24	0.7500	0.0500	0.7059	0.7167	0.0949
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.5530	0.0344	0.5632	0.5348	0.3357
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.6944	0.0407	0.6969	0.6719	0.1422
linkage	0.9979	0.0021	0.8940	0.7708	0.4755
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9981	0.0019	0.9022	0.7868	0.4689
liver	0.7941	0.2059	0.7598	0.5182	0.7036
localization	0.3963	0.1098	0.1159	0.1436	0.4033
localization10%	0.3883	0.1112	0.1250	0.1304	0.4148
lrs	0.8113	0.0377	0.3483	0.7345	0.1143
lung	0.9048	0.0381	0.9344	0.8359	0.1342
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2	0.8333	0.1667	0.8182	0.5714	0.5283
lung-cancer-michigan	0.7778	0.2222	0.7568	0.4000	0.5000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.4469	0.7255	0.1760
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
madelon	0.5846	0.4154	0.5854	0.1692	0.9366
magic04	0.7754	0.2246	0.7437	0.4738	0.7012
mammography	0.8229	0.1771	0.8235	0.6458	0.6162
maternal	0.6733	0.2178	0.6845	0.4932	0.4645
messidor	0.7043	0.2957	0.7149	0.4173	0.7781
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.6718	0.7611	0.1365
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9800	0.0040	0.9802	0.9778	0.0251
mfeat-fou	0.7500	0.0500	0.7476	0.7222	0.2240
mfeat-kar	0.9300	0.0140	0.9317	0.9222	0.0857
mfeat-mor	0.6150	0.0770	0.6065	0.5722	0.2278
mfeat-pix	0.9500	0.0100	0.9509	0.9444	0.0604
mfeat-zer	0.7950	0.0410	0.7899	0.7722	0.1591
mice-prot	0.9907	0.0023	0.9910	0.9894	0.0110
mines	0.4412	0.2235	0.3140	0.2862	0.4255
mobile	0.5734	0.0152	0.5684	0.5656	0.1706
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6393	0.3607	0.3900	-0.0323	0.6755
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
musk	0.9273	0.0727	0.8496	0.6654	0.2887
MUT_ci300400a_cdk_ECFP2	0.8010	0.1990	0.7940	0.5873	0.6669
MUT_ci300400a_cdk_ECFP4	0.8084	0.1916	0.8040	0.6078	0.6541
MUT_ci300400a_cdk_ECFP6	0.7820	0.2180	0.7764	0.5527	0.7029
MUT_ci300400a_cdk_ESTATE	0.7170	0.2830	0.7069	0.4133	0.8039
MUT_ci300400a_cdk_EXTENDED	0.8010	0.1990	0.7954	0.5907	0.6690
MUT_ci300400a_cdk_FCFP2	0.7653	0.2347	0.7569	0.5132	0.7308
MUT_ci300400a_cdk_FCFP4	0.7902	0.2098	0.7833	0.5662	0.6882
MUT_ci300400a_cdk_FCFP6	0.7842	0.2158	0.7802	0.5598	0.6969
MUT_ci300400a_cdk_MACCS	0.7650	0.2350	0.7555	0.5079	0.7254
MUT_ci300400a_cdk_PUBCHEM	0.8252	0.1749	0.8191	0.6374	0.6182
MUT_ci300400a_cdk_STANDARD	0.7844	0.2156	0.7783	0.5566	0.6991
MUT_ci300400a_rdkit_descriptors	0.7694	0.2306	0.7628	0.5249	0.7223
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9529	0.0471	0.9534	0.9059	0.2457
nci9	0.8333	0.0370	0.5556	0.8065	0.0000
ncRNA1%	0.8579	0.0150	0.1440	0.5321	0.1294

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ncRNA10%	0.8590	0.0148	0.1695	0.5423	0.1413
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6461	0.3539	0.6434	0.2862	0.8845
NHANES_age_prediction	0.9515	0.0485	0.9048	0.7979	0.2301
nomao	0.9382	0.0618	0.9241	0.8483	0.3462
NPHA-doctor-visits	0.4861	0.3426	0.2901	-0.0378	0.5583
nursery	0.9182	0.0327	0.5582	0.8788	0.1062
obs	0.7222	0.1389	0.7563	0.5834	0.3682
occupancy	0.9864	0.0136	0.9816	0.9624	0.1468
Occupancy_Estimation	0.9654	0.0173	0.8875	0.8925	0.0697
oh0-wc	0.8911	0.0218	0.8947	0.8759	0.1136
oh10-wc	0.7619	0.0476	0.7352	0.7280	0.2104
oh15-wc	0.8152	0.0370	0.8034	0.7884	0.1469
oh5-wc	0.8462	0.0308	0.8418	0.8268	0.1455
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9707	0.0117	0.9696	0.9662	0.0853
optdigitsZ	0.9961	0.0035	0.9956	1.0000	0.0173
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8608	0.1392	0.8517	0.6999	0.5532
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants10%	0.9845	0.0032	0.5039	0.0000	0.0154
page-blocks	0.9214	0.0314	0.4439	0.3305	0.1341
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.9018	0.0982	0.8760	0.7508	0.4591
particle10%	0.8992	0.1008	0.8733	0.7460	0.4725
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.6214	0.2387	0.6639
pcmac	0.4845	0.5155	0.4773	-0.0451	0.9992
pd	0.8816	0.1184	0.8395	0.6786	0.5436
pediatric-leukemia	0.7941	0.0588	0.7526	0.7473	0.1845
pendigits	0.8790	0.0242	0.8773	0.8655	0.1507
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%	0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc0.1%	0.5168	0.1380	0.4888	0.4350	0.4050
phone-acc1%	0.5232	0.1362	0.4931	0.4424	0.3907
phone-acc10%	0.5166	0.1381	0.4701	0.4347	0.3795
phone-gyr0.1%	0.3453	0.1871	0.3625	0.2354	0.4003
phone-gyr1%	0.3319	0.1909	0.3409	0.2203	0.4035
phone-gyr10%	0.3319	0.1909	0.3457	0.2203	0.4080
phoneme	0.7741	0.2259	0.7252	0.4502	0.7503
phy	0.7046	0.2954	0.7046	0.4092	0.8151
pima	0.7105	0.2895	0.6923	0.3323	0.7052
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1001	0.0666	0.0000	0.1726
poker1%	0.4917	0.1017	0.0917	-0.0093	0.2227
poker10%	0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9717	0.0453	0.8289	0.5971	0.4080
polya	0.7859	0.2141	0.7605	0.5154	0.6976
popularity	0.6588	0.2275	0.4052	0.1782	0.4564
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7749	0.0900	0.7755	0.7186	0.3225
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6195	0.2353	0.9023
primary-tumor	0.4242	0.0523	0.1728	0.3635	0.2311
profb	0.8358	0.1642	0.8119	0.6234	0.6196
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.7978	0.0809	0.7014	0.7212	0.2400
puc-rio10%	0.8063	0.0775	0.6974	0.7329	0.2388
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%	0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-641%	0.5029	0.4971	0.5029	0.0058	0.9983
pufs-6410%	0.5019	0.4981	0.5019	0.0038	0.9989
raisin	0.9222	0.0778	0.9232	0.8444	0.3519
rcv11%	0.8111	0.0071	0.4133	0.7896	0.1463
re0-wc	0.7667	0.0359	0.6930	0.6952	0.3024
re1-wc	0.8012	0.0159	0.7018	0.7726	0.1495
rejafada	0.9397	0.0603	0.6579	0.3034	0.5891
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6096	0.3904	0.5779	0.1488	0.9173
RT_IOT2022	0.9755	0.0041	0.8373	0.9383	0.0294
satimage	0.7589	0.0804	0.6613	0.6950	0.2115
satimageF	0.9829	0.0171	0.9547	0.9078	0.1457
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
secom	0.9231	0.0769	0.4800	-0.0218	0.5944
secondary_mushroom	0.8557	0.1443	0.8543	0.7085	0.5500
segment	0.8831	0.0334	0.8936	0.8632	0.1221
segmentO	0.9740	0.0260	0.9473	0.8940	0.2198
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-3-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-4-gram	0.8813	0.1387	0.5806	0.1348	0.6706
sens-5-gram	0.8763	0.1237	0.6487	0.1479	0.4234
sensorless	0.5145	0.0883	0.5510	0.4660	0.3365
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8792	0.1208	0.7254	0.3840	0.4977
shuttle	0.8967	0.0295	0.3687	0.6453	0.0724
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9261	0.0739	0.8922	0.7831	0.4473
skin10%	0.9224	0.0776	0.8852	0.7697	0.4578
smk_can_187	0.7368	0.2632	0.7360	0.4693	0.7643
solar-flare	0.7410	0.0863	0.5717	0.6655	0.1947
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.9706	0.0031	0.9664	0.9678	0.0198
spambase	0.8913	0.1087	0.8856	0.7701	0.4563

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer	0.3019	0.0291	0.0614	0.2458	0.1831
splice-EI	0.9777	0.0189	0.9754	0.9515	0.1640
splice-IE	0.9955	0.0522	0.9733	0.8978	0.3382
sport-articles	0.8000	0.2000	0.7815	0.5402	0.6155
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
steel_industry	0.7420	0.1720	0.6849	0.5789	0.4855
steel-b	0.8051	0.1949	0.6809	0.3555	0.7407
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9692	0.0308	0.9522	0.9039	0.2161
steel-o	0.7436	0.2564	0.7021	0.3662	0.7073
steel-p	0.9077	0.0923	0.5525	0.0695	0.5980
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9333	0.0667	0.8061	0.6119	0.5378
student-weekend	0.3231	0.2708	0.1908	0.0552	0.6923
student-workday	0.7188	0.1125	0.2519	0.1498	0.3145
studentap	0.7692	0.1538	0.7528	0.6455	0.3468
susy	0.7607	0.2393	0.7698	0.5036	0.6303
susy1%	0.7574	0.2426	0.7659	0.4969	0.6403
susy10%	0.7622	0.2378	0.7707	0.5070	0.6326
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
texture	0.9855	0.0026	0.9860	0.9840	0.0219
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9319	0.0681	0.6991	0.2924	0.4421
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8945	0.1055	0.8551	0.7090	0.5017
tis10%	0.8134	0.1866	0.7462	0.4923	0.7039
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.8824	0.0588	0.9083	0.8440	0.0951
toxicity	0.4706	0.5294	0.4782	-0.0408	0.9492
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.8780	0.0271	0.8749	0.8528	0.1269
trec12-wc	0.9355	0.0161	0.9350	0.9224	0.0394
trec21-wc	0.8788	0.0404	0.7361	0.7818	0.2320
trec23-wc	0.9048	0.0317	0.9146	0.8708	0.1111
trec31-wc	0.9247	0.0215	0.7990	0.9001	0.1097
trec41-wc	0.8977	0.0205	0.7802	0.8744	0.1158
trec45-wc	0.8261	0.0348	0.7595	0.7984	0.1453
tuandromd	0.9710	0.0177	0.9779	0.9395	0.1634
turkish	0.7750	0.1125	0.7765	0.7000	0.2538
tvnews	0.8907	0.1093	0.8811	0.7612	0.4648
tvnews1%	0.9000	0.1000	0.8917	0.7825	0.4367
tvnews10%	0.8882	0.1118	0.8785	0.7548	0.4641
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7313	0.0597	0.7625	0.6832	0.1896
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7381	0.1310	0.7152	0.6507	0.2270

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4646	0.0973	0.4304	0.4111	0.2443
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17	0.9099	0.0901	0.6313	0.0237	0.2400
wap-wc	0.8205	0.0179	0.6997	0.7995	0.1237
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.4993	0.1431	0.4900	0.4111	0.4214
watch-acc10%	0.4999	0.1429	0.4915	0.4115	0.4232
watch-gyr	0.3627	0.1821	0.3558	0.2512	0.3754
watch-gyr1%	0.3518	0.1852	0.3470	0.2385	0.3793
watch-gyr10%	0.3624	0.1822	0.3520	0.2509	0.3797
waveform	0.8480	0.1013	0.8482	0.7720	0.3521
web-phishing	0.8000	0.1333	0.5505	0.6233	0.3328
weight-lift	0.8403	0.0639	0.8332	0.7968	0.2334
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9150	0.0425	0.9158	0.8867	0.1411
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5912	0.1363	0.2176	0.3081	0.3501
winequality-white	0.5215	0.1367	0.2096	0.2033	0.4051
winnipeg	0.9822	0.0051	0.9714	0.9774	0.0427
winnipeg10%	0.9837	0.0046	0.9813	0.9794	0.0306
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.5000	0.1000	0.2786	0.3537	0.4293
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.8785	0.0243	0.8693	0.8636	0.1649

Table 441: Detailed results for RMBSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1494	0.0810	0.1092	0.0693	0.6726
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.9726	0.0274	0.9414	0.8808	0.2032
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.7937	0.2063	0.5138	0.0256	0.6518
AID_1431_KlekotaRothFingerprinter	0.8571	0.1429	0.4615	-0.0728	0.7372
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7429	0.2571	0.5919	0.1828	0.8017
AID_602330	0.8698	0.1302	0.5509	0.0826	0.4992
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red	0.7500	0.2500	0.5180	0.0357	0.7748
AID1608Morered	0.8835	0.1165	0.5953	0.1879	0.6599
AID1608red	0.8544	0.1456	0.5249	0.0457	0.5889
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9910	0.0090	0.4977	-0.0040	0.4041
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.7778	0.2222	0.8000	0.5263	0.5283
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.6573	0.3427	0.6689	0.2959	0.7271
air_pollution	0.2267	0.2210	0.1366	-0.0060	0.9234
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8190	0.0724	0.6722	0.6496	0.3351
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6279	0.3721	0.6626	0.2915	0.7847
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	0.8649	0.1351	0.8496	0.6542	0.5068
anuran-f-b	0.9958	0.0042	0.9082	0.7980	0.4644
anuran-family	0.9875	0.0063	0.9545	0.9761	0.0439
anuran-genus	0.9819	0.0045	0.9268	0.9703	0.1070
anuran-species	0.9917	0.0017	0.9787	0.9884	0.0369
anxiety	0.1417	0.1907	0.1507	0.0341	0.7828
apple-quality	0.9100	0.0900	0.9101	0.8200	0.4017
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.2444	0.1162	0.1257	0.0744	0.5011
auction	0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.5000	0.0909	0.1839	0.3665	0.2401
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.8966	0.1034	0.8976	0.7933	0.4336
autos	0.8500	0.0500	0.7266	0.8000	0.1328
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.2823	0.2051	0.1861	0.0272	0.7527
balance	0.8548	0.0968	0.7323	0.7509	0.3628
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.4000	0.6000	0.2857	0.0000	0.5239
barleyblumeria	0.7258	0.2742	0.7370	0.4537	0.7306
basehock	0.9548	0.0452	0.9550	0.9095	0.2428
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8571	0.1429	0.8538	0.7042	0.5490
biomed	0.9048	0.0952	0.8990	0.7981	0.4308
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.5000	0.5000	0.5000	0.0000	0.8803
breast-cancer-co	0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.4545	0.1818	0.4144	0.3265	0.3239
bridges	0.0000	0.2857	0.0000	-0.3333	0.5715
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.3000	0.7000	0.2308	0.0000	0.4809
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7414	0.1293	0.4617	0.2887	0.3172
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography	0.7418	0.0516	0.6978	0.6885	0.3050
cardiotocography-nsp	0.7887	0.1408	0.5224	0.0691	0.2268
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.4340	0.3773	0.3514	0.1607	0.5937
cars	0.6750	0.2167	0.5829	0.3839	0.6496
cas_N6512_cdk_ECFP2	0.7773	0.2227	0.7755	0.5506	0.7060
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.7270	0.2730	0.7244	0.4460	0.7796
cas_N6512_rdkit_AVALON	0.7803	0.2197	0.7786	0.5568	0.7006
cas_N6512_RDkit_Avalon_FP	0.7883	0.2117	0.7872	0.5744	0.6871
cas_N6512_rdkit_descriptors	0.7492	0.2508	0.7471	0.4937	0.7515
cas_N6512_rdkit_FEATMORGAN	0.7788	0.2212	0.7781	0.5559	0.7031
cas_N6512_RDkit_Featmorgan_FP	0.7807	0.2193	0.7794	0.5589	0.7007
cas_N6512_RDkit_FP	0.7546	0.2454	0.7526	0.5021	0.7363
cas_N6512_rdkit_LAYERED	0.7215	0.2785	0.7202	0.4404	0.7928
cas_N6512_RDkit_Layered_FP	0.7331	0.2669	0.7309	0.4613	0.7761
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.7862	0.2138	0.7844	0.5682	0.6894
cas_N6512_RDkit_morgan_FP	0.7883	0.2117	0.7867	0.5732	0.6864

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7754	0.2246	0.7738	0.5474	0.7097
cas_N6512_RDkit_pattern_FP	0.7684	0.2316	0.7667	0.5333	0.7214
cas_N6512_rdkit_RDKITFP	0.7389	0.2611	0.7367	0.4728	0.7672
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7668	0.2332	0.7369	0.4696	0.7370
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9302	0.0698	0.6408	0.2229	0.5285
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9186	0.0814	0.7387	0.4245	0.5608
cervical-S	0.9302	0.0698	0.7540	0.4669	0.4550
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9947	0.0053	0.6372	0.1802	0.3376
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8876	0.1124	0.7796	0.5590	0.6192
ci900367j_MACCS	0.6842	0.3158	0.6683	0.3363	0.8459
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.5952	0.2698	0.5164	0.2578	0.7051
cjs	0.9893	0.0036	0.9852	0.9869	0.0200
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.8400	0.1600	0.4565	-0.0811	0.7590
cmc	0.5238	0.3175	0.4966	0.2553	0.7311
cnae-9	0.9259	0.0165	0.9281	0.9167	0.0829
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.8052	0.1948	0.7748	0.5429	0.6816
collins	0.4600	0.0720	0.3452	0.3971	0.2926
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6207	0.3793	0.6107	0.2162	0.8800
colposcopies-2	0.5517	0.4483	0.5155	0.0308	0.9708
colposcopies-3	0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4	0.2759	0.7241	0.2162	0.0000	0.4638
colposcopies-5	0.1724	0.8276	0.1471	0.0000	0.3547
colposcopies-6	0.5517	0.4483	0.5502	0.1002	0.9670
colposcopies-c	0.2414	0.7586	0.1944	0.0000	0.4342
column-2c	0.9032	0.0968	0.8916	0.7597	0.2605
column-3c	0.7742	0.1505	0.7555	0.6483	0.4290
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.6466	0.3534	0.6470	0.2936	0.8825
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.4375	0.0281	0.3132	0.4217	0.1158
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1633	0.2789	0.1621	-0.0041	0.8886
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.8148	0.1852	0.8248	0.6337	0.5871
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.7692	0.2308	0.7292	0.3158	0.4422
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.1605	0.8395	0.1383	0.0000	0.3379
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.7133	0.2867	0.4781	-0.0438	0.8328
dermatology	0.1892	0.2703	0.0530	0.0000	0.3795
desharnais	0.3750	0.4167	0.2727	-0.1111	0.5095
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.8167	0.1833	0.7289	0.4211	0.6246
diabetes	0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5588	0.2941	0.5181	0.2350	0.6867
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.9333	0.0333	0.9242	0.9079	0.1251
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5117	0.4884	0.5090	0.0180	0.9937
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.6546	0.2302	0.5907	0.4374	0.6312
drug-01	0.2287	0.2204	0.1348	-0.0068	0.8540
drug-02	0.4202	0.1657	0.2103	0.1455	0.7993
drug-03	0.4309	0.1626	0.1561	0.0513	0.7535
drug-04	0.4415	0.1596	0.2427	0.1401	0.7884
drug-05	0.4840	0.1474	0.1513	-0.0317	0.8262
drug-06	0.2979	0.2006	0.2347	0.1501	0.7527
drug-07	0.2819	0.2052	0.1259	-0.0052	0.7463
drug-08	0.3617	0.1824	0.1776	0.0884	0.7986
drug-09	0.5372	0.1322	0.1550	0.0457	0.5399
drug-10	0.3936	0.1733	0.2101	0.1056	0.7898
drug-11	0.6649	0.0957	0.2179	0.1335	0.7980
drug-12	0.7021	0.0851	0.1347	0.0050	0.3862
drug-13	0.4362	0.1611	0.1830	0.1222	0.8418
drug-14	0.3989	0.1717	0.1969	0.0955	0.7614
drug-15	0.7234	0.0790	0.1475	0.0408	0.5826
drug-16	0.3511	0.1854	0.2136	0.1070	0.7839
drug-17	0.2979	0.2006	0.2007	0.1153	0.7823

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-18	0.0053	0.9947	0.0053	0.0000	0.0152
drug-19	0.4947	0.1444	0.1550	0.0321	0.7172
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.5882	0.1373	0.4703	0.4413	0.4169
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7273	0.2727	0.6128	0.2245	0.8370
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce	0.1900	0.4050	0.1897	-0.0799	0.8976
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5068	0.1973	0.4992	0.3681	0.4876
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4700	0.5300	0.4703	-0.0593	1.0000
farm-ads	0.8937	0.1063	0.8932	0.7860	0.4484
fbis-wc	0.7439	0.0301	0.6905	0.7091	0.2367
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8235	0.1765	0.8228	0.6450	0.6189
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9303	0.9208	0.0349
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8654	0.0673	0.8600	0.8133	0.1624
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.4821	0.3453	0.4021	0.0898	0.7611
gene	0.2524	0.4984	0.1343	0.0000	0.4017
german	0.6700	0.3300	0.6259	0.2500	0.8752
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.5714	0.1429	0.7158	0.4057	0.3032
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.7619	0.2381	0.7548	0.5070	0.7331
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.0909	0.9091	0.0833	0.0000	0.2192
glassNW	0.2381	0.7619	0.1923	0.0000	0.4310
glassTableware	0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP	0.8095	0.1905	0.7200	0.2759	0.3900
GlaucomaM	0.6316	0.3684	0.6438	0.2732	0.8562
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8571	0.1429	0.8547	0.7085	0.5490
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.4667	0.2667	0.4854	0.2814	0.5208
gsalc	0.6667	0.1111	0.5542	0.5909	0.1325
haberman	0.7000	0.3000	0.5682	0.1290	0.8673
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.0898	0.2601	0.0235	0.0000	0.3024
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hayes-roth	0.5000	0.3333	0.3720	0.1634	0.5734
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.1100	0.4450	0.0801	-0.0004	0.4049
heart	0.6296	0.3704	0.6433	0.2742	0.8549
heart-attack	0.6129	0.3871	0.6688	0.2648	0.7088
heart-c	0.8333	0.1667	0.8341	0.6667	0.5937
heart-failure	0.9360	0.0640	0.9268	0.8428	0.2000
heart-quantum	0.7000	0.3000	0.6902	0.3802	0.8249
hepatitis	0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.8571	0.1429	0.8654	0.6957	0.4644
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.6562	0.3438	0.6818	0.3282	0.7742
hiv1-proteasa	0.9106	0.0894	0.8346	0.6667	0.5056
hiva	0.9314	0.0686	0.5433	0.0858	0.6018
horse	0.5000	0.3333	0.3071	0.0299	0.5757
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.7579	0.2421	0.5036	0.0073	0.7824
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9307	0.0693	0.8316	0.6492	0.5557
hypothyroid	0.8621	0.0690	0.4349	0.3852	0.5457
hypothyroidT	0.9655	0.0345	0.8847	0.7682	0.4357
ilpd	0.6271	0.3729	0.5611	0.1218	0.8985
immuno-therapy	0.2222	0.7778	0.1818	0.0000	0.4150
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8286	0.1714	0.8011	0.6023	0.6420
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8053	0.1947	0.6230	0.2160	0.7288
jvowels	0.9900	0.0022	0.9884	0.9886	0.0169
kc1	0.8531	0.1469	0.6840	0.3558	0.6833
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.3077	0.2769	0.2391	0.0565	0.4394
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.8654	0.1346	0.8052	0.6094	0.6150
kdc-4007	0.8853	0.0328	0.8871	0.8661	0.1900
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	1.0000	0.0000	1.0000	1.0000	0.0000
la1s-wc	0.8095	0.0635	0.7790	0.7583	0.2936
la2s-wc	0.8278	0.0574	0.8037	0.7826	0.2873
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.5588	0.0384	0.5431	0.5368	0.1344
led24	0.5500	0.0900	0.5623	0.4944	0.2061

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8056	0.0259	0.8000	0.7914	0.0789
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6765	0.3235	0.6049	0.2043	0.8743
loan	0.9110	0.0890	0.9046	0.8077	0.3961
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.2453	0.2156	0.2160	0.0886	0.6377
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7143	0.1905	0.4956	0.4667	0.4027
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9362	0.0638	0.9343	0.8685	0.3225
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7708	0.2292	0.7696	0.5387	0.7160
marketing	0.8616	0.1384	0.7418	0.4816	0.6694
maternal	0.7921	0.1386	0.7971	0.6842	0.4172
math	0.5750	0.2125	0.4823	0.3366	0.5511
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.8333	0.0833	0.8436	0.7778	0.1604
mental-health	0.1933	0.3227	0.1941	-0.0091	0.8831
messidor	0.6000	0.4000	0.5864	0.1708	0.9305
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.7092	0.8414	0.0898
meter-D	0.6111	0.1944	0.5526	0.4899	0.3183
mfeat-fac	0.5200	0.0960	0.4080	0.4667	0.2976
mfeat-fou	0.1150	0.1770	0.0503	0.0167	0.5152
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.7050	0.0590	0.7096	0.6722	0.1944
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.7600	0.0480	0.7856	0.7333	0.1630
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.9906	0.0063	0.9891	0.9855	0.0242
mines	0.7353	0.1059	0.7079	0.6674	0.2540
mobile	0.2028	0.0285	0.2288	0.1884	0.3743
monks-1	0.4909	0.5091	0.3293	0.0000	0.5293
monks-2	0.8852	0.1148	0.8855	0.7594	0.4622
monks-3	0.6964	0.3036	0.7446	0.3786	0.4854
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9773	0.0227	0.9599	0.9173	0.2643
MUT_ci300400a_cdk_ECFP2	0.8225	0.1775	0.8174	0.6348	0.6266
MUT_ci300400a_cdk_ECFP4	0.8323	0.1677	0.8269	0.6537	0.6052
MUT_ci300400a_cdk_ECFP6	0.8048	0.1952	0.7982	0.5957	0.6596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ESTATE	0.7734	0.2266	0.7645	0.5261	0.7118
MUT_ci300400a_cdk_EXTENDED	0.8129	0.1870	0.8069	0.6135	0.6450
MUT_ci300400a_cdk_FCFP2	0.8323	0.1677	0.8267	0.6528	0.6039
MUT_ci300400a_cdk_FCFP4	0.8213	0.1787	0.8149	0.6282	0.6230
MUT_ci300400a_cdk_FCFP6	0.8129	0.1870	0.8090	0.6176	0.6448
MUT_ci300400a_cdk_MACCS	0.8309	0.1691	0.8264	0.6528	0.6092
MUT_ci300400a_cdk_PUBCHEM	0.8587	0.1413	0.8540	0.7074	0.5432
MUT_ci300400a_cdk_STANDARD	0.8180	0.1820	0.8113	0.6209	0.6298
MUT_ci300400a_rdkit_descriptors	0.7093	0.2907	0.7149	0.3584	0.6399
myocardial	0.0588	0.2353	0.0807	0.0266	0.4485
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9524	0.0476	0.9211	0.8293	0.4011
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9427	0.0573	0.8868	0.7670	0.3406
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.3750	0.4167	0.3303	-0.0240	0.8293
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.7393	0.0745	0.7302	0.6955	0.3036
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.9832	0.0084	0.9410	0.9491	0.0811
oh0-wc	0.8020	0.0396	0.7838	0.7731	0.1793
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.6848	0.0630	0.6487	0.6422	0.2968
oh5-wc	0.7912	0.0418	0.7942	0.7643	0.2011
olive	0.9474	0.0117	0.9298	0.9343	0.0332
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.1566	0.1687	0.1646	0.0618	0.7389
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.0356	0.9644	0.0344	0.0000	0.0956
ozone8hr	0.8538	0.1462	0.5700	0.1354	0.6581
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8351	0.1649	0.8193	0.6379	0.6178
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8570	0.7137	0.5439
p53-mutants10%	0.0032	0.9968	0.0032	0.0000	0.0091
page-blocks	0.8483	0.0607	0.3962	0.2257	0.5481
parkinson	0.9333	0.0667	0.9310	0.8620	0.3334
parkinsons	0.7109	0.2891	0.7295	0.4341	0.7341
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.8559	0.1441	0.6449	0.2625	0.6137
pcmac	0.4278	0.5722	0.4224	-0.1541	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9891	0.0022	0.9892	0.9879	0.0199

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.3333	0.6667	0.2500	0.0000	0.5000
persistency	0.7668	0.2332	0.7508	0.5015	0.7368
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8300	0.1700	0.8040	0.6065	0.6278
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8889	0.1111	0.8622	0.7242	0.5075
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6842	0.3158	0.6830	0.3613	0.8266
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5789	0.4211	0.5778	0.1556	0.9466
plrx	0.3889	0.6111	0.4561	-0.0645	0.8276
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.6501	0.3499	0.5091	0.0066	0.2765
polish-2nd	0.9430	0.0570	0.5205	0.0377	0.6363
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9425	0.0575	0.7230	0.3889	0.4410
polya	0.6551	0.3449	0.6075	0.2111	0.8893
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.4388	0.3077	0.4154
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7500	0.2500	0.7501	0.5000	0.7494
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.1026	0.2595	0.2599	0.3624
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7910	0.2090	0.7631	0.5263	0.7085
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
re0-wc	0.6667	0.0513	0.6286	0.5655	0.3877
re1-wc	0.6084	0.0313	0.4930	0.5456	0.2886
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5617	0.4383	0.5508	0.1015	0.9557
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.5163	0.1612	0.5896	0.4256	0.3988
satimageF	0.5474	0.4526	0.6428	0.1555	0.4219

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimageT	0.8989	0.1011	0.7200	0.4399	0.6453
scadi	0.2857	0.2857	0.3429	0.1667	0.3023
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.5294	0.4706	0.5303	0.0588	0.9712
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9394	0.0173	0.9447	0.9292	0.0786
segmentation	0.7970	0.2030	0.7880	0.5722	0.6762
segmentO	0.9870	0.0130	0.9745	0.9489	0.1700
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-2-gram	0.7974	0.2026	0.6272	0.2474	0.7259
sens-3-gram	0.8079	0.1921	0.6037	0.2065	0.7483
sens-4-gram	0.8158	0.1842	0.6037	0.2074	0.7512
sens-5-gram	0.8605	0.1395	0.6308	0.2417	0.6916
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.1541	0.8459	0.1335	0.0000	0.3285
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.8329	0.1671	0.5953	0.1634	0.5795
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.9040	0.0960	0.9049	0.8082	0.4123
smart-farming	0.1400	0.4300	0.1231	-0.1436	0.8555
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2167	0.3133	0.2158	0.0208	0.8686
solar-flare	0.1942	0.2686	0.1818	0.0543	0.7810
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.0588	0.0991	0.0717	-0.0192	0.5459
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.9065	0.0935	0.9018	0.8028	0.4143
spect	0.7037	0.2963	0.6196	0.2340	0.8108
spectf	0.2857	0.7143	0.2222	0.0000	0.4711
spectrometer	0.0000	0.0741	0.0000	-0.0513	0.3842
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.7300	0.2700	0.7330	0.4543	0.7507
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.4000	0.1905	0.0000	0.2619
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7333	0.2667	0.6195	0.2379	0.8107
steel-d	0.9641	0.0359	0.7650	0.5154	0.5686
steel-k	0.8821	0.1179	0.8036	0.5609	0.4150
steel-o	0.8051	0.1949	0.7828	0.5650	0.6754
steel-p	0.9333	0.0667	0.7601	0.5161	0.5590
steel-s	0.9692	0.0308	0.8280	0.6507	0.5227
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.1806	0.8194	0.1529	0.0000	0.3656
stockb	0.9956	0.0029	0.9956	0.9934	0.0159

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
streaming	0.8880	0.1120	0.8868	0.7720	0.4575
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.2600	0.2960	0.1992	-0.0801	0.8258
student-weekend	0.4154	0.2338	0.3055	0.1875	0.6324
student-workday	0.6094	0.1562	0.2693	0.2028	0.6119
studentap	0.5385	0.3077	0.5166	0.2778	0.5827
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9927	0.0013	0.9929	0.9920	0.0112
theorem	0.4173	0.5827	0.2945	0.0000	0.5272
thoracic	0.7234	0.2766	0.4848	-0.0304	0.7956
thrombin	0.9843	0.0157	0.7669	0.3949	0.0555
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.3368	0.6632	0.2520	0.0000	0.5017
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f	0.4706	0.5294	0.4782	-0.0408	0.9492
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6667	0.3333	0.5156	0.0310	0.8948
trec11-wc	0.7805	0.0488	0.7078	0.7228	0.1795
trec12-wc	0.8710	0.0323	0.8926	0.8432	0.0972
trec21-wc	0.8182	0.0727	0.4977	0.6192	0.2383
trec23-wc	0.8095	0.0635	0.7317	0.7219	0.1350
trec31-wc	0.9247	0.0251	0.8795	0.8995	0.1135
trec41-wc	0.7841	0.0432	0.6605	0.7367	0.2330
trec45-wc	0.7971	0.0406	0.7177	0.7624	0.1816
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.2500	0.3750	0.1000	0.0000	0.4042
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.7769	0.2231	0.7791	0.5465	0.6823
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.8762	0.1238	0.5602	0.0874	0.4346
ur3_cobotops_stop	0.8626	0.1374	0.6201	0.1688	0.4413
urban	0.2239	0.1725	0.1536	0.1032	0.6154
urinalysis	0.9371	0.0629	0.6841	0.3669	0.6148
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7857	0.1071	0.7586	0.7121	0.2261
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.8372	0.1628	0.8410	0.6753	0.5648
vowel	0.5657	0.0790	0.6165	0.5222	0.2348
vowelZ	0.9899	0.0101	0.9717	0.9418	0.2236
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7756	0.0224	0.6573	0.7487	0.1576
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2700	0.3650	0.2682	0.0257	0.8548
waveform	0.3400	0.4400	0.1692	0.0000	0.4157
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8519	0.0988	0.8011	0.7317	0.3705
Weekly	0.9630	0.0370	0.9627	0.9247	0.2012
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9462	0.0538	0.7676	0.5240	0.5840
wine	0.2353	0.5098	0.1270	0.0000	0.3739
winequality-red	0.5786	0.1405	0.2824	0.3343	0.5953
winequality-white	0.4990	0.1431	0.2695	0.2874	0.6133
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.8947	0.1053	0.8902	0.7782	0.4610
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.2635	0.1473	0.1938	0.0908	0.7480
yeastCYT-POX	0.0408	0.9592	0.0392	0.0000	0.1086
yeastEXC	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1	0.9527	0.0473	0.6808	0.3410	0.5673
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 442: Detailed results for RMDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.0833	0.9167	0.4656	-0.0067	0.1485
AID_652128	0.5354	0.3098	0.4483	0.0664	0.4679
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.4272	0.5728	0.5471	0.0600	0.6925
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.8818	0.1182	0.6803	0.1098	0.1670
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.0389	0.2403	0.0169	-0.0213	0.4440
anuran-species	0.4833	0.1033	0.0652	0.0000	0.2803
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.9500	0.0500	0.9500	0.9000	0.2661
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.3974	0.6026	0.2844	0.0000	0.5233
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.0645	0.6237	0.0404	0.0000	0.3991
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9489	0.0511	0.9485	0.8961	0.2589
bankruptcy	0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.5937	0.4063	0.5657	0.0123	0.0670
biodeg	0.7048	0.2952	0.7120	0.4109	0.7766
biomed	0.9048	0.0952	0.8990	0.7981	0.4308
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.2541	0.2131	0.1706	0.0037	0.1229
bitcoin10%	0.0003	0.1818	0.1028	0.0000	0.0226
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.5455	0.4545	0.5749	0.1270	0.8754
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.0000	0.3333	0.0000	-0.2100	0.5416
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.7000	0.3000	0.4118	0.0000	0.4416
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9420	0.0580	0.9419	0.8770	0.2846
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.1408	0.1718	0.0530	0.0677	0.3388
cardiotocography-nsp	0.6901	0.2066	0.5797	0.3582	0.5996
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.7000	0.2000	0.5710	0.4777	0.4841
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.7237	0.2763	0.6345	0.0061	0.0121
chrom1910%	0.7321	0.2679	0.6197	0.0049	0.0116
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0400	0.0192	0.0033	0.0303	0.3139
cirrhosis	0.3810	0.4127	0.1839	0.0000	0.3169
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.8200	0.1800	0.5411	0.0816	0.7182
cmc	0.4354	0.3764	0.3540	0.1642	0.5791
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.0384	0.1748	0.0201	0.0237	0.3559
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.7792	0.2208	0.7640	0.5092	0.6847
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.5172	0.4828	0.4898	-0.0201	0.9615
colposcopies-2	0.4483	0.5517	0.4141	-0.1717	1.0000
colposcopies-3	0.4138	0.5862	0.2927	0.0000	0.5266
colposcopies-4	0.2414	0.7586	0.1944	-0.0705	0.6563
colposcopies-5	0.7931	0.2069	0.6375	0.2750	0.7711
colposcopies-6	0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c	0.2759	0.7241	0.5693	0.0225	0.4422
column-2c	0.8387	0.1613	0.8565	0.6737	0.4644
column-3c	0.7742	0.1505	0.7303	0.6371	0.3039
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.5409	0.4591	0.5910	0.0890	0.6854
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.8908	0.1092	0.6608	0.0278	0.0442
crowdsourced	0.7106	0.0965	0.2094	0.2384	0.1859
cryotherapy	0.7778	0.2222	0.7750	0.5500	0.7072
cultivars	0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn	0.6260	0.3740	0.5177	0.0072	0.1560
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.5385	0.4615	0.3500	-0.1471	0.4353
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.6257	0.3743	0.5933	0.1677	0.7824
defect	0.1605	0.8395	0.1383	0.0000	0.3379
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.1892	0.2703	0.0530	0.0000	0.3795
desharnais	0.3750	0.4167	0.2000	-0.1111	0.5824
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.5333	0.2333	0.3465	0.3458	0.3388
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.6253	0.2498	0.4638	0.3684	0.4761
drug-01	0.0266	0.2781	0.0154	0.0090	0.4172
drug-02	0.2606	0.2112	0.1293	0.0707	0.3867
drug-03	0.0851	0.3050	0.0478	0.0147	0.3320
drug-04	0.1011	0.2568	0.0525	0.0500	0.3649
drug-05	0.2926	0.2021	0.1208	0.0002	0.3453
drug-06	0.3617	0.1824	0.1400	0.1628	0.4161
drug-07	0.3032	0.2323	0.1179	0.0711	0.3986
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.0053	0.3316	0.0027	-0.0093	0.1769
drug-10	0.3777	0.1778	0.1282	0.0767	0.3809
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.0372	0.2751	0.0205	0.0137	0.2552

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.5213	0.1596	0.1142	0.0000	0.2921
drug-17	0.2234	0.2219	0.0969	0.0325	0.4490
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.2234	0.2219	0.1514	0.0362	0.2775
drybean	0.2608	0.2112	0.0591	0.0000	0.3690
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM	0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU	0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM	0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.4493	0.5507	0.4869	-0.0002	0.5422
eeg10%	0.0102	0.1237	0.0013	0.0000	0.3919
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9062	0.0938	0.9082	0.8107	0.3776
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4118	0.5882	0.4104	-0.1787	1.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.1875	0.2708	0.1511	0.0095	0.5514
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.3269	0.3365	0.4070	0.1225	0.6704
gas	0.4738	0.1754	0.4074	0.3662	0.3782
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.2947	0.4702	0.1918	0.0109	0.5827
gene	0.2524	0.4984	0.1343	0.0000	0.4017
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.0952	0.3016	0.1813	0.0339	0.3821
glass-g2	0.5000	0.5000	0.6522	0.1579	0.5288
glassBWFP	0.6190	0.3810	0.6415	0.2632	0.8356
glassBWNFP	0.5714	0.4286	0.6429	0.2286	0.7396
glassContainers	0.7273	0.2727	0.7203	0.2979	0.4422
glassNW	0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware	0.5455	0.4545	0.6358	0.0909	0.2192
glassVWFP	0.4762	0.5238	0.6201	0.0723	0.2039
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.5833	0.4167	0.3684	0.0000	0.5068
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2370	0.3052	0.2942	0.0657	0.7673
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.1850	0.2329	0.0446	0.0000	0.2875
har7010%	0.2012	0.2282	0.1692	0.0261	0.3793

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6143	0.0643	0.1762	0.4876	0.1860
harth10%	0.6144	0.0643	0.1756	0.4874	0.1875
hayes-roth	0.3750	0.4167	0.4408	0.1837	0.3855
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack	0.7419	0.2581	0.7417	0.4655	0.7192
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure	0.5180	0.4820	0.5941	0.1454	0.7710
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.4000	0.6000	0.6250	0.1176	0.4422
hepmass1%	0.6218	0.3782	0.6256	0.2419	0.8838
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.7692	0.2308	0.6372	0.2642	0.7875
higgs0.1%	0.5482	0.4518	0.5392	0.0731	0.9496
higgs1%	0.5434	0.4566	0.5315	0.0515	0.9119
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0000	0.2500	0.0000	-0.1807	0.4447
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5076	0.3282	0.5337	0.2752	0.6434
htru2	0.9168	0.0832	0.8119	0.6015	0.5774
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.2222	0.7778	0.1818	0.0000	0.4150
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.8000	0.1333	0.8077	0.6897	0.1465
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.7796	0.2204	0.6318	0.2628	0.7890
jvowels	0.1185	0.1959	0.1195	0.0084	0.9091
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0089	0.1101	0.0559	0.0003	0.3727
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.3333	0.6667	0.2500	0.0000	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leaf	0.0294	0.0844	0.0026	0.0000	0.3985
led24	0.1500	0.1889	0.1562	0.0449	0.3872
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.1430	0.0659	0.0650	0.1096	0.3713
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.0833	0.1222	0.0103	0.0000	0.4070
linkage1%	0.3221	0.6779	0.5706	0.0034	0.0153
linkage10%	0.3454	0.6546	0.5750	0.0038	0.0158
liver	0.5000	0.5000	0.5852	0.1269	0.7690
loan	0.3770	0.6230	0.2738	0.0000	0.5177
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.0943	0.2588	0.0246	0.0000	0.3411
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.3333	0.6667	0.2500	-0.4211	1.0000
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9574	0.0426	0.9569	0.9130	0.2402
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7759	0.2241	0.7443	0.4639	0.6728
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.4688	0.5312	0.3191	0.0000	0.5307
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.5347	0.3102	0.5624	0.3140	0.6158
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.4348	0.5652	0.3030	0.0000	0.5294
meter-A	0.3750	0.6250	0.2727	0.0000	0.5170
meter-B	0.2222	0.5185	0.1212	0.0000	0.4199
meter-C	0.3333	0.3333	0.1250	0.0000	0.3773
meter-D	0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.1000	0.1800	0.0327	0.0000	0.4814
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.2000	0.1600	0.0690	0.1111	0.3264
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.2358	0.5094	0.1272	0.0000	0.4229
mines	0.3529	0.2588	0.2805	0.1577	0.3500
mobile	0.0245	0.0348	0.0198	0.0048	0.3943
monks-1	0.4909	0.5091	0.3293	0.0000	0.5293
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.7364	0.2636	0.5797	0.1538	0.7619
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.7143	0.1905	0.7795	0.5333	0.3634
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.8414	0.1586	0.4569	0.0000	0.3047
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.3194	0.4537	0.3931	0.0735	0.7044
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.4630	0.2685	0.1582	0.0000	0.3435
occupancy	0.8492	0.1508	0.8494	0.6545	0.4977
Occupancy_Estimation	0.8322	0.0839	0.4133	0.5269	0.3303
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.1228	0.1949	0.0841	0.0407	0.5814
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9051	0.0949	0.5176	0.0319	0.5295
ozone8hr	0.4704	0.5296	0.5720	0.0578	0.3408
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.7751	0.0899	0.3000	0.2679	0.3396
parkinson	0.6583	0.3417	0.6325	0.2374	0.8260
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.7368	0.2632	0.7299	0.4311	0.7090
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.8649	0.1351	0.5709	0.1386	0.6608
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	0.8000	0.2000	0.4444	0.0000	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.1001	0.1800	0.0471	-0.0020	0.4731
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.6222	0.3778	0.7063	0.3217	0.6137
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.5395	0.4605	0.5376	0.0738	0.9532
pirvision	0.8635	0.0910	0.5733	0.3885	0.2146
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.6431	0.3569	0.5666	0.0493	0.2719
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.8449	0.1551	0.5333	0.0562	0.5387
polish-5th	0.8308	0.1692	0.5458	0.0829	0.6079
polya	0.3600	0.6400	0.5771	0.0024	0.5112
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6254	0.2059	0.8025
prestige	0.6667	0.2222	0.5392	0.4255	0.3013
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9058	0.0942	0.8046	0.5770	0.5804
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9362	0.0638	0.9370	0.8720	0.3095
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5776	0.4224	0.5665	0.1328	0.9449
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
satimage	0.5288	0.1571	0.3516	0.4123	0.2868
satimageF	0.9658	0.0342	0.9262	0.8433	0.3935
satimageT	0.5910	0.4090	0.6242	0.1448	0.4600
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.8095	0.1270	0.8251	0.7143	0.3114
segment	0.1472	0.2437	0.0367	0.0000	0.4017
segmentation	0.6980	0.3020	0.6955	0.3820	0.7986
segmentO	0.4199	0.5801	0.5388	0.0418	0.5391
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.7474	0.2526	0.5423	0.0816	0.7413
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0821	0.1669	0.0915	-0.0098	0.5562
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.1621	0.2394	0.1541	0.0043	0.1820
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.7000	0.3000	0.7521	0.4000	0.4882
skin	0.8270	0.1730	0.8277	0.5980	0.5192
skin10%	0.8231	0.1769	0.8250	0.5912	0.5206
smarket	0.5280	0.4720	0.5266	0.0529	0.9818
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.5370	0.4630	0.5768	0.1329	0.8691
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.3143	0.6857	0.5766	0.0233	0.4770
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.7500	0.2500	0.7706	0.5102	0.6632
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.0821	0.9179	0.0758	0.0000	0.2013
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5924	0.2717	0.3221	0.0145	0.4292
stock	0.7847	0.2153	0.5539	0.0964	0.7975
stockb	0.3348	0.4435	0.1672	0.0000	0.4165

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.7254	0.2746	0.7479	0.4231	0.5849
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.3368	0.6632	0.2520	0.0000	0.5017
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.3227	0.6773	0.2440	0.0000	0.4945
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.4706	0.5294	0.6408	0.1356	0.5239
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.2500	0.3750	0.1000	0.0000	0.4042
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.5034	0.4966	0.5737	0.0350	0.1817
ur3_cobotops_stop	0.7619	0.2381	0.5524	0.0515	0.3289
urban	0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.3333	0.3333	0.2240	0.1570	0.4360
vehicleVAN	0.6905	0.3095	0.7569	0.4157	0.5303
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.7442	0.2558	0.7871	0.4941	0.4708
vowel	0.0909	0.1653	0.0867	0.0000	0.7193
vowelZ	0.8485	0.1515	0.7857	0.4762	0.5170
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.5111	0.3259	0.3683	0.2509	0.4185
Weekly	0.5833	0.4167	0.6339	0.0690	0.5112
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9800	0.0100	0.9802	0.9733	0.0420
wilt	0.8861	0.1139	0.7415	0.3872	0.5104
wine	0.2353	0.5098	0.1270	0.0000	0.3739
winequality-red	0.3333	0.2222	0.1162	0.0050	0.4033
winequality-white	0.2740	0.2420	0.1663	0.0961	0.4701
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9298	0.0702	0.9243	0.8462	0.3205
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2	0.0473	0.9527	0.0452	0.0000	0.1242
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 443: Detailed results for RMLapSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.0417	0.9583	0.0400	0.0000	0.1107
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6000	0.4000	0.4724	-0.0526	0.9519
AID644red	0.6000	0.4000	0.4724	-0.0526	0.9519
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.7079	0.1169	0.1658	0.0000	0.2204
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.6000	0.0800	0.2775	0.1456	0.2263
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.3478	0.0543	0.0383	0.1606	0.2402
audit-risk	0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.6500	0.1167	0.4265	0.5139	0.2098
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8871	0.0753	0.6114	0.7877	0.2090
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.5547	0.4453	0.3568	0.0000	0.5166
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.9849	0.0151	0.9851	0.9699	0.0905
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8381	0.1619	0.8293	0.6584	0.6010
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.6364	0.1212	0.5303	0.5600	0.1396
bridges	0.6000	0.1143	0.2500	0.2593	0.2276
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.8667	0.1333	0.8745	0.7183	0.4472
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography	0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp	0.7793	0.1471	0.2920	0.0000	0.2332
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.6750	0.2167	0.4751	0.1798	0.3015
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7650	0.5295	0.7134
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7368	0.2632	0.7105	0.3986	0.7394
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.6667	0.2222	0.4444	0.3099	0.4537
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.3602	0.1422	0.5707
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.7273	0.2727	0.4211	0.0000	0.4205
collins	0.4600	0.0720	0.2416	0.3819	0.2354
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2	0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3	0.6207	0.3793	0.6045	0.2084	0.9148
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.8966	0.1034	0.8560	0.6692	0.2534
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7419	0.1720	0.5362	0.5618	0.2339

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.4952	0.5048	0.3312	0.0000	0.5289
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.7000	0.1500	0.7140	0.6000	0.2630
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.0312	0.0484	0.0015	0.0000	0.4005
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.6852	0.3148	0.6738	0.3452	0.8418
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9729	0.9662	0.0254
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614
dexter	0.9500	0.0500	0.9523	0.9000	0.2092
df_final	0.6875	0.2083	0.5238	0.5000	0.3294
DIA	0.8167	0.1833	0.7302	0.3889	0.5432
diabetes	0.8269	0.1731	0.8317	0.6507	0.5831
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.7066	0.8345	0.0891
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6250	0.3750	0.5966	0.1692	0.8621
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9304	0.0696	0.7608	0.4682	0.4114
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.3228	0.4515	0.1627	0.0000	0.3888
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.1277	0.2492	0.0323	0.0000	0.3211
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.1623	0.2373	0.3647
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1596	0.1142	0.0000	0.2921
drug-17	0.3883	0.1748	0.1405	0.1299	0.4202
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.4412	0.1397	0.0765	0.0000	0.2765
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7238	0.4460	0.7379
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6027	0.1589	0.4926	0.4636	0.2782
euthyroid	0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5686	0.4314	0.5518	0.0937	0.9264
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8125	0.0625	0.6236	0.7513	0.0899
flags	0.5000	0.1429	0.2395	0.3421	0.3137
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8846	0.0577	0.8567	0.8405	0.1510
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.9375	0.0417	0.9513	0.9006	0.1278
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.2524	0.4984	0.1343	0.0000	0.4017
german	0.6600	0.3400	0.6346	0.0368	0.4706
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7143	0.0952	0.4310	0.5758	0.1967
glass-g2	0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP	0.6667	0.3333	0.6689	0.1503	0.4745
glassBWNFP	0.8095	0.1905	0.7921	0.5000	0.3750
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.3922	0.2500	0.5489
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.0898	0.2601	0.0235	0.0000	0.3024
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.6250	0.2500	0.4676	0.3766	0.3833
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2857	0.1786	0.1705	0.1026	0.3249
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6389	0.2407	0.4437	0.2909	0.3545
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.8997	0.1003	0.8999	0.7993	0.4315
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.0294	0.0485	0.0014	0.0000	0.3575
led24	0.5500	0.0900	0.4208	0.4828	0.1937
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.6389	0.0481	0.6349	0.6123	0.1328
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7353	0.2647	0.6715	0.3139	0.7565
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8679	0.0377	0.6382	0.8176	0.0961
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.4149	0.5851	0.2932	0.0000	0.5268
madelon	0.6346	0.3654	0.6358	0.2692	0.8899
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8854	0.1146	0.8852	0.7702	0.4733
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.2673	0.4884	0.1406	0.0000	0.4218
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.6000	0.4000	0.6014	0.2009	0.9178
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6667	0.1667	0.7833	0.5424	0.2230

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-D	0.6667	0.1667	0.5300	0.5157	0.2146
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot	0.8981	0.0255	0.8980	0.8832	0.0804
milk	0.2358	0.5094	0.1272	0.0000	0.4229
mines	0.5588	0.1765	0.4848	0.4408	0.3383
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.6364	0.3636	0.6441	0.2676	0.8423
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.8414	0.1586	0.4569	0.0000	0.3047
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.7593	0.1204	0.7727	0.6340	0.2900
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc	0.6931	0.0614	0.5582	0.6377	0.2090
oh10-wc	0.6476	0.0705	0.5297	0.5896	0.2482
oh15-wc	0.5761	0.0848	0.5393	0.4990	0.2438
oh5-wc	0.6484	0.0703	0.6406	0.5933	0.2236
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.6842	0.0702	0.4749	0.5691	0.1671
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8660	0.1340	0.8519	0.7036	0.5485
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8972	0.7934	0.4389
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5258	0.4742	0.3446	-0.1109	0.8780
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia	0.8235	0.0504	0.7497	0.7802	0.1277
pendigits	0.1028	0.1794	0.0186	0.0000	0.4062
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9469	0.0531	0.9442	0.8876	0.2693
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7796	0.2204	0.7017	0.3352	0.6169
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7105	0.2895	0.6923	0.3323	0.7052
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.1818	0.0744	0.0140	0.0000	0.3153
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.5000	0.5000	0.3333	0.0000	0.5283
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.2271	0.2576	0.0617	0.0000	0.3819
satimageF	0.8911	0.1089	0.4712	0.0000	0.2371
satimageT	0.1011	0.8989	0.0918	0.0000	0.2389
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6176	0.3824	0.6294	0.2353	0.8487
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.7706	0.0656	0.8004	0.7317	0.1742
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	0.1472	0.8528	0.1283	0.0000	0.3180
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.7895	0.2105	0.7933	0.5730	0.6420
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.7410	0.0863	0.5377	0.6640	0.1916
sonar	0.7000	0.3000	0.7041	0.4000	0.7994
soybean	0.5735	0.0449	0.2350	0.5131	0.1848
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.3957	0.6043	0.2835	0.0000	0.5229
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8286	0.1714	0.7799	0.5532	0.6369
spectrometer	0.3077	0.0513	0.1249	0.2491	0.2238
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9692	0.0308	0.9520	0.9020	0.1773
steel-o	0.7282	0.2718	0.6869	0.2986	0.6517
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.3348	0.4435	0.1672	0.0000	0.4165
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6923	0.2051	0.5260	0.5000	0.2833
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8806	0.1194	0.8361	0.6717	0.5478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.6250	0.1250	0.2411	0.4146	0.1603
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.7059	0.2941	0.6540	0.2735	0.7752
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.6829	0.0705	0.4192	0.5793	0.1851
trec12-wc	0.7742	0.0565	0.7330	0.7152	0.1449
trec21-wc	0.9091	0.0364	0.7365	0.7876	0.0813
trec23-wc	0.7619	0.0794	0.5669	0.6546	0.2476
trec31-wc	0.8602	0.0466	0.7088	0.8098	0.1838
trec41-wc	0.7386	0.0523	0.4613	0.6672	0.1877
trec45-wc	0.6957	0.0609	0.5985	0.6376	0.2145
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.7750	0.1125	0.7808	0.7000	0.2843
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9462	0.0538	0.9425	0.8818	0.2425
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7612	0.0531	0.6955	0.7174	0.1873
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.6310	0.1845	0.6157	0.5097	0.3867
vehicleVAN	0.9167	0.0833	0.8879	0.7500	0.2236
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.4884	0.5116	0.3281	0.0000	0.5296
vowel	0.4747	0.0955	0.5174	0.4222	0.2358
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.9231	0.0154	0.9583	0.9133	0.0343
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.7926	0.1383	0.5459	0.6075	0.3469
Weekly	0.9815	0.0185	0.9815	0.9623	0.0972
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0254
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5660	0.1447	0.2078	0.2634	0.3218
winequality-white	0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.3684	0.6316	0.2692	0.0000	0.5148
yale	0.8750	0.0167	0.8320	0.8655	0.0275

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeast	0.2365	0.1527	0.0383	0.0000	0.3028
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 444: Detailed results for RNC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1535	0.0584	0.0792	0.0598	0.4657
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.5000	0.0000	0.9713
ads	0.8994	0.1006	0.7581	0.4333	0.3806
adult	0.8305	0.1695	0.7425	0.4647	0.6371
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8333	0.1667	0.5863	0.1628	0.7500
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604	0.9982	0.0018	0.8604	0.7110	0.2704
AID604AID644_AllRed	0.9988	0.0012	0.4997	-0.0003	0.4066
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7793	0.2207	0.6479	0.1844	0.5782
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.9153	0.0847	0.9143	0.8258	0.3664
alcohol	0.8762	0.0495	0.7294	0.6944	0.1243
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.7302	0.2698	0.6925	0.3160	0.6581
anneal	0.9663	0.0135	0.9568	0.9254	0.0336
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9485	0.0257	0.7062	0.8993	0.0813
anuran-genus	0.9332	0.0167	0.8971	0.8853	0.0642
anuran-species	0.9222	0.0156	0.7830	0.8891	0.0829
anxiety	0.0917	0.2019	0.0779	-0.0267	0.6425
apple-quality	0.8225	0.1775	0.8228	0.6450	0.6179
aps-failure	0.9842	0.0158	0.7104	0.2368	0.1347
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.6674	0.0072	0.0320
arcene	0.6000	0.4000	0.3750	0.0000	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.5778	0.0650	0.1070	0.0717	0.2298
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.4783	0.0435	0.1695	0.3475	0.1885
audit-risk	0.8205	0.1795	0.8260	0.5941	0.3821
autism-adolescent	0.6364	0.3636	0.5681	0.1200	0.8836
autism-adult	0.8857	0.1143	0.8516	0.7012	0.5093
autism-child	0.6207	0.3793	0.6256	0.2459	0.8929
autos	0.8000	0.0667	0.6723	0.7297	0.1704
avila	0.6622	0.0563	0.6138	0.5175	0.3129
babies	0.4274	0.1636	0.1423	0.1003	0.4916
balance	0.8871	0.0753	0.6113	0.7879	0.2115
bank	0.9024	0.0976	0.6937	0.3015	0.4706
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8387	0.1613	0.8337	0.6134	0.3541
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9953	0.0047	0.8484	0.6474	0.0594
bio10%	0.9945	0.0055	0.8167	0.5975	0.2371
biodeg	0.8476	0.1524	0.8369	0.6640	0.5381
biomed	0.8095	0.1905	0.8108	0.5532	0.3876
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
body-perf	0.6037	0.1981	0.6167	0.4716	0.5058
bookings	0.9181	0.0546	0.7250	0.8202	0.2445
brain-tumor	0.5160	0.4840	0.5201	0.0302	0.8944
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.6111	0.5600	0.1896
bridges	0.7000	0.0857	0.4163	0.5455	0.1058
bub10at310k-hg16-17	0.9131	0.0869	0.6469	0.1971	0.4744
bub12at310k-hg16-17	0.9122	0.0878	0.6442	0.2046	0.5016
bub8at310k-hg16-17	0.9095	0.0905	0.6389	0.2209	0.5606
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9540	0.0230	0.9389	0.9035	0.1799
car-insurance	0.8070	0.1930	0.7696	0.5371	0.6816
card	0.8261	0.1739	0.8248	0.6290	0.5423
cardiotocography	0.6901	0.0620	0.5763	0.6173	0.2694
cardiotocography-nsp	0.9014	0.0657	0.8099	0.7057	0.2528
cardiovascular	0.6455	0.3545	0.6467	0.2908	0.8785
cargo2k	0.9365	0.0423	0.9391	0.9046	0.1506
cars	0.7500	0.1667	0.6221	0.5261	0.4334
cas_N6512_cdk_ECFP2	0.6129	0.3871	0.6193	0.1835	0.7804
cas_N6512_rdkit_ATOMPAIR	0.5677	0.4323	0.5651	0.0805	0.7860
cas_N6512_RDkit_AtomPair_FP	0.5920	0.4080	0.6007	0.1346	0.7568
cas_N6512_rdkit_AVALON	0.6605	0.3395	0.6699	0.2895	0.7503
cas_N6512_RDkit_Avalon_FP	0.6641	0.3359	0.6685	0.3016	0.7835
cas_N6512_rdkit_descriptors	0.7092	0.2908	0.7064	0.4115	0.8081
cas_N6512_rdkit_FEATMORGAN	0.6313	0.3687	0.6397	0.2247	0.7693
cas_N6512_RDkit_Featmorgan_FP	0.6380	0.3620	0.6442	0.2424	0.7846
cas_N6512_RDkit_FP	0.6227	0.3773	0.6355	0.2040	0.7454
cas_N6512_rdkit_LAYERED	0.6246	0.3754	0.6350	0.2094	0.7597
cas_N6512_RDkit_Layered_FP	0.6150	0.3850	0.6253	0.1876	0.7600
cas_N6512_rdkit_MACCS	0.7435	0.2565	0.7417	0.4776	0.7475
cas_N6512_RDkit_MACCS_FP	0.7270	0.2730	0.7246	0.4487	0.7848
cas_N6512_rdkit_MORGAN	0.5492	0.4508	0.5593	0.0281	0.6266

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.5598	0.4402	0.5889	0.0523	0.6099
cas_N6512_rdkit_PATTERN	0.6538	0.3462	0.6558	0.2808	0.8061
cas_N6512_RDkit_pattern_FP	0.6871	0.3129	0.6953	0.3493	0.7387
cas_N6512_rdkit_RDKITFP	0.6052	0.3948	0.6154	0.1662	0.7604
cas_N6512_rdkit_TORSION	0.6062	0.3938	0.6090	0.1713	0.8049
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9630	0.0370	0.6780	0.0665	0.1082
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6736	0.3264	0.6321	0.1009	0.5469
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9656	0.0344	0.7634	0.5112	0.4665
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.6316	0.1795	0.4491
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9395	0.0605	0.6570	0.2092	0.4162
census10%	0.9408	0.0592	0.6242	0.1309	0.3966
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9186	0.0814	0.4788	-0.0203	0.5749
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.8527	0.6560	0.0768
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.5540	0.2230	0.3864	0.3012	0.5154
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.6194	0.0998	0.2216
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8210	0.1790	0.6732	0.2962	0.6459
churn-bigml	0.8577	0.1423	0.6607	0.0430	0.2846
ci900367j_MACCS	0.7158	0.2842	0.6910	0.3794	0.8107
circles	0.0100	0.0198	0.0022	0.0000	0.2008
cirrhosis	0.5714	0.2857	0.3484	0.0690	0.4872
cjs	0.9679	0.0107	0.9726	0.9606	0.0431
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8130	0.0935	0.6931	0.6986	0.2811
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.3333	0.4444	0.1667	0.0000	0.3838
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4966	0.3356	0.4855	0.2252	0.7519
cnae-9	0.4815	0.1152	0.6147	0.4167	0.2845
codon_usage	0.8212	0.0325	0.6608	0.7801	0.1785
coil20	0.7361	0.0264	0.7905	0.7222	0.1101
college	0.9091	0.0909	0.8825	0.7524	0.3606
collins	0.2800	0.0960	0.2018	0.1732	0.3478
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.6207	0.3793	0.5943	0.1212	0.7498
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8065	0.1935	0.7698	0.5327	0.6667
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.5198	0.4802	0.5331	0.0063	0.5857
connect-4	0.9864	0.0091	0.7473	0.6384	0.3045
cottonmeloidogyne	0.5865	0.4135	0.6270	0.1672	0.7072
coupon	0.6333	0.3667	0.6161	0.2182	0.8751
covtype10%	0.8139	0.0532	0.6815	0.6946	0.3324
covtypeCD	0.9836	0.0164	0.9648	0.9293	0.1607
covtypeT	0.9792	0.0208	0.9154	0.8264	0.2275

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	0.7000	0.1500	0.7140	0.6000	0.2630
creditcard_trans10%	0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced	0.9355	0.0215	0.7850	0.8669	0.1855
cryotherapy	0.6667	0.3333	0.7065	0.2703	0.4882
cultivars	0.1875	0.0406	0.1105	0.1672	0.1298
customer-churn	0.9792	0.0208	0.5706	0.0177	0.1761
cybersecurity	0.1500	0.2833	0.0743	-0.0323	0.5533
cyclopentane	0.5556	0.4444	0.5364	0.0690	0.9556
cylinder-bands	0.6296	0.3704	0.6313	0.1576	0.6643
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1032	0.1794	0.1050	0.0012	0.4503
day1%	0.6724	0.3276	0.6565	0.1067	0.4673
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8120	0.1880	0.6812	0.3092	0.6410
defect	0.8488	0.1512	0.6726	0.0932	0.2972
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8905	0.1095	0.6562	0.2294	0.5234
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9524	0.9327	0.0421
desharnais	0.5000	0.3333	0.3366	0.0303	0.5178
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.8333	0.1667	0.7692	0.4286	0.3322
diabetes	1.0000	0.0000	1.0000	1.0000	0.0000
diabetes-100k	0.9191	0.0809	0.6605	0.1017	0.2631
diabetes-risk	0.8757	0.1243	0.7928	0.5553	0.4960
diabetic	0.5392	0.3072	0.3674	0.0017	0.3653
diabetic1%	0.5000	0.3333	0.2222	-0.0627	0.5963
diabetic10%	0.5344	0.3104	0.3193	-0.0026	0.4507
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8667	0.0667	0.8057	0.8140	0.1868
diamonds_all	0.6339	0.1465	0.5729	0.4605	0.4111
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5272	0.4728	0.5184	0.0348	0.9695
dota210%	0.5243	0.4757	0.4470	-0.0054	0.5908
drebin	0.9468	0.0532	0.9442	0.8824	0.1956
dropout	0.6907	0.2062	0.6237	0.4338	0.3752
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6968	0.0866	0.1918	0.0280	0.1902
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.3989	0.1717	0.1568	0.2133	0.4126
drug-07	0.4309	0.1626	0.1702	0.0032	0.2665
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1559	0.1186	0.4637
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5851	0.1185	0.1670	0.2036	0.4325

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-14	0.5745	0.1216	0.2015	0.1587	0.3894
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5851	0.1185	0.2747	0.2761	0.3953
drug-17	0.3830	0.1763	0.1367	0.1287	0.4232
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9104	0.0256	0.9235	0.8912	0.1318
ecoli	0.8235	0.0441	0.5255	0.7481	0.0904
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3200	0.3400	0.3249	0.0909	0.7874
eeg	0.4012	0.0748	0.4106	0.3276	0.5656
eeg-eye	0.7089	0.2911	0.7151	0.3859	0.7031
eeg10%	0.3232	0.0846	0.3037	0.2365	0.5317
eucalyptus	0.5342	0.1863	0.4782	0.3927	0.5005
euthyroid	0.9241	0.0759	0.7405	0.4210	0.4359
exon.vs.intron-freq10%	0.9159	0.0841	0.9173	0.8304	0.3551
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.7222	0.2778	0.7580	0.4204	0.4987
fbis-wc	0.2642	0.0866	0.1827	0.0779	0.3346
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4902	0.5098	0.4721	-0.0541	1.0000
financial-risk	0.6615	0.1128	0.3796	0.3905	0.3027
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.3000	0.1750	0.0577	0.0000	0.3283
fonts10%	0.3693	0.0082	0.1855	0.3179	0.4677
forest	0.8269	0.0865	0.8113	0.7575	0.2001
gas	0.9144	0.0285	0.9137	0.8961	0.1450
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5874	0.2751	0.3490	0.0385	0.4606
gene	0.7035	0.1977	0.7092	0.4510	0.2940
german	0.6700	0.3300	0.5946	0.1176	0.7243
gestures	0.5668	0.2166	0.6193	0.4222	0.4161
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7619	0.0794	0.5540	0.6477	0.1753
glass-g2	0.6250	0.3750	0.6000	0.2000	0.9105
glassBWFP	0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP	0.8095	0.1905	0.7921	0.5000	0.3750
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.4000	0.0833	0.0000	0.3270
glioma-grade	0.8333	0.1667	0.8276	0.6543	0.6006
green	0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage	0.2667	0.3667	0.1932	-0.0510	0.6169
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.4684	0.0886	0.2986	0.3542	0.2588
har	0.9322	0.0271	0.9338	0.9139	0.1145
har701%	0.8226	0.0507	0.4912	0.7407	0.2355
harth1%	0.8036	0.0327	0.4826	0.7280	0.2012
hayes-roth	0.4375	0.3750	0.3019	0.0769	0.3512

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hcc-survival	0.7059	0.2941	0.7258	0.3200	0.4644
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8889	0.1111	0.8914	0.7596	0.3038
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9380	0.0620	0.9280	0.8496	0.2522
heart-quantum	0.8600	0.1400	0.8604	0.7154	0.5305
hepatitis	0.9333	0.0667	0.9148	0.8148	0.4011
hepmass1%	0.8173	0.1827	0.8214	0.6341	0.6007
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.5809	0.4191	0.5813	0.1276	0.8417
higgs1%	0.6221	0.3779	0.6223	0.2214	0.8537
higher	0.1429	0.2143	0.0385	-0.0839	0.4472
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.5938	0.4062	0.6124	0.1475	0.7321
hiv1-proteasa	0.8735	0.1265	0.7408	0.4231	0.5012
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.8429	0.1571	0.8160	0.6216	0.5669
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.8665	0.0890	0.8724	0.8004	0.2980
htru2	0.9760	0.0240	0.9240	0.8423	0.1867
hypothyroid	0.9257	0.0371	0.4141	0.3029	0.0849
hypothyroidT	0.9310	0.0690	0.6858	0.2176	0.3180
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9153	0.0423	0.9203	0.8871	0.1335
ionosphere	0.7143	0.2857	0.6654	0.1206	0.4373
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0372	0.0741	0.0028	0.0000	0.4203
jm1	0.8136	0.1864	0.6218	0.0957	0.4856
jvowels	0.9689	0.0069	0.9685	0.9647	0.0560
kc1	0.8531	0.1469	0.6744	0.0982	0.2917
kc1-class-level-defectiveornot	0.6000	0.4000	0.5833	0.1667	0.9308
kc1-class-level-numericdefect	0.5714	0.0357	0.0303	-0.0633	0.1507
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6501	0.2145	0.6041
kdc-4007	0.1721	0.2366	0.2387	0.0237	0.3954
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9945	0.0005	0.4896	0.9907	0.0066
kepler	0.8138	0.1241	0.7577	0.6903	0.2479
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.5504	0.0500	0.5655	0.4943	0.3963
krvskp	0.9122	0.0878	0.9143	0.8231	0.3592
la1s-wc	0.3079	0.2307	0.2433	0.0156	0.3627
la2s-wc	0.3146	0.2285	0.1990	0.0267	0.3588
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.4412	0.0279	0.2565	0.4196	0.1237
led24	0.5500	0.0900	0.5455	0.4930	0.2225
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.8780	0.0094	0.8811	0.8731	0.1188
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
libra	0.8056	0.0259	0.8083	0.7916	0.0829
linkage1%	0.9995	0.0005	0.9628	0.9228	0.0031
liver	0.7353	0.2647	0.7410	0.4594	0.7175
loan	0.8852	0.1148	0.8770	0.7486	0.4527
localization	0.6029	0.0722	0.3789	0.4764	0.3887
localization10%	0.5850	0.0755	0.3458	0.4523	0.4327
lrs	0.8302	0.0340	0.3651	0.7603	0.1140
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.2500	0.2143	0.0571	0.0000	0.3217
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.6667	0.3333	0.7065	0.2703	0.4882
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7717	0.2283	0.7470	0.4273	0.5683
malware	0.8649	0.1351	0.7597	0.3934	0.2846
mammography	0.8229	0.1771	0.8273	0.6477	0.5966
marketing	0.8705	0.1295	0.7007	0.1904	0.2699
maternal	0.6733	0.2178	0.6767	0.4963	0.5107
math	0.6500	0.1750	0.5165	0.4111	0.2925
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2300	0.3080	0.1297	0.0278	0.5329
messidor	0.6174	0.3826	0.6326	0.2526	0.8672
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	0.8889	0.0741	0.9106	0.8235	0.1370
meter-C	0.2778	0.3611	0.1087	0.0000	0.3839
meter-D	0.5556	0.2222	0.3982	0.3455	0.2802
mfeat-fac	0.9650	0.0070	0.9665	0.9611	0.0415
mfeat-fou	0.7200	0.0560	0.7378	0.6889	0.2109
mfeat-kar	0.9400	0.0120	0.9415	0.9333	0.0701
mfeat-mor	0.7000	0.0600	0.6997	0.6667	0.2162
mfeat-pix	0.5650	0.0870	0.6997	0.5167	0.2310
mfeat-zer	0.8100	0.0380	0.8148	0.7889	0.1283
mice-prot	0.9907	0.0023	0.9919	0.9894	0.0117
milk	0.9057	0.0629	0.9013	0.8558	0.2316
mines	0.3824	0.2471	0.3718	0.2231	0.5173
mobile	0.4301	0.0204	0.5095	0.4197	0.2255
monks-1	0.6545	0.3455	0.6581	0.3056	0.8489
monks-2	0.7541	0.2459	0.7156	0.4227	0.7534
monks-3	0.8929	0.1071	0.8927	0.7854	0.4527
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.4639	0.0975	0.4683	0.3257	0.4727
musk	0.9470	0.0530	0.8928	0.7704	0.2448
MUT_ci300400a_cdk_ECFP2	0.6859	0.3141	0.6730	0.3053	0.7591
MUT_ci300400a_cdk_ECFP4	0.6455	0.3545	0.6671	0.1716	0.5271
MUT_ci300400a_cdk_ECFP6	0.6299	0.3701	0.6487	0.1334	0.5476
MUT_ci300400a_cdk_ESTATE	0.7350	0.2650	0.7259	0.4513	0.7784
MUT_ci300400a_cdk_EXTENDED	0.7182	0.2818	0.7172	0.3727	0.6552
MUT_ci300400a_cdk_FCFP2	0.7473	0.2527	0.7368	0.4596	0.7286
MUT_ci300400a_cdk_FCFP4	0.6787	0.3213	0.6646	0.2881	0.7679
MUT_ci300400a_cdk_FCFP6	0.6715	0.3285	0.6745	0.2497	0.6383

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_MACCS	0.7638	0.2362	0.7547	0.4964	0.7020
MUT_ci300400a_cdk_PUBCHEM	0.7904	0.2096	0.7862	0.5487	0.6178
MUT_ci300400a_cdk_STANDARD	0.7054	0.2946	0.7006	0.3434	0.6879
MUT_ci300400a_rdkit_descriptors	0.7845	0.2155	0.7778	0.5515	0.6870
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.8916	0.1084	0.8919	0.7831	0.4526
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.1852	0.0317	0.0000	0.3342
ncRNA1%	0.8936	0.0112	0.3913	0.6837	0.2099
ncRNA10%	0.8969	0.0109	0.3960	0.6950	0.2783
neo	0.9046	0.0954	0.6450	0.0411	0.2506
new-thyroid	0.8571	0.0952	0.7816	0.6111	0.1771
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.1008	0.0409	0.0883	0.0319	0.3944
newspop	0.6483	0.3517	0.6463	0.2924	0.8826
NHANES_age_prediction	0.9031	0.0969	0.7968	0.5444	0.3922
nomao	0.9362	0.0638	0.9206	0.8401	0.3325
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9390	0.0244	0.5707	0.9097	0.0806
obesity	0.7014	0.0853	0.7472	0.6488	0.2271
obs	0.8426	0.0787	0.8765	0.7624	0.2032
occupancy	0.9878	0.0122	0.9834	0.9663	0.1354
Occupancy_Estimation	0.9664	0.0168	0.9008	0.8925	0.0991
oh0-wc	0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.8596	0.0312	0.8710	0.8180	0.0958
opn310k	0.9106	0.0894	0.6216	0.0619	0.3163
opn310k10%	0.9123	0.0877	0.6269	0.1657	0.4980
opnat310k-hg16-17	0.9116	0.0884	0.6418	0.0690	0.2801
optdigits	0.9306	0.0139	0.9349	0.9229	0.0885
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.1250	0.0437	0.1115	0.1026	0.3724
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6810	0.0932	0.1761
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6701	0.3299	0.5865	0.0577	0.6046
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5476	0.4524	0.6186	0.0360	0.5206
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9506	0.0197	0.5939	0.6578	0.1683
parkinson	0.8833	0.1167	0.8791	0.7539	0.4593
parkinsons	0.7488	0.2512	0.7255	0.4434	0.7521
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.8742	0.1258	0.8386	0.6719	0.5230
particle10%	0.8662	0.1338	0.8273	0.6468	0.5363
pasture	0.0000	0.6667	0.0000	-0.4545	0.6061
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.9773	0.0046	0.9776	0.9747	0.0332
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
persistency	0.7055	0.2945	0.6827	0.2755	0.6366
personalities	0.9725	0.0034	0.9727	0.9707	0.0478
pet-adoption	0.8450	0.1550	0.8194	0.6280	0.5589
phishing	0.9347	0.0653	0.9312	0.8620	0.3214
PhiUSIIL	0.9858	0.0142	0.9856	0.9710	0.0877
PhiUSIIL10%	0.9686	0.0314	0.9682	0.9355	0.1683
phone-acc0.1%	0.6340	0.1046	0.6036	0.5710	0.3903
phone-acc1%	0.6981	0.0863	0.6755	0.6462	0.3366
phone-gyr0.1%	0.5190	0.1374	0.5193	0.4346	0.4529
phone-gyr1%	0.6146	0.1101	0.6209	0.5473	0.3683
phoneme	0.8296	0.1704	0.7919	0.5838	0.6527
phy	0.6840	0.3160	0.6846	0.3677	0.8373
pima	0.6974	0.3026	0.6769	0.2974	0.7169
pirvision	0.9869	0.0087	0.9742	0.9575	0.0395
placement	0.7840	0.2160	0.7789	0.5578	0.6990
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5083	0.0983	0.1010	0.0407	0.2552
poker10%	0.5190	0.0962	0.1041	0.0662	0.2578
polish-1st	0.9630	0.0370	0.6786	0.0689	0.1081
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.6746	0.3254	0.6359	0.1238	0.5710
popularity	0.6449	0.2367	0.4560	0.1887	0.5245
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7804	0.0878	0.7939	0.7252	0.2582
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6816	0.3529	0.8237
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.4545	0.0496	0.2614	0.3845	0.2126
processed	0.9065	0.0935	0.8911	0.7790	0.4115
profb	0.7164	0.2836	0.6558	0.1989	0.6087
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.9305	0.0278	0.9264	0.9060	0.1094
puc-rio10%	0.8817	0.0473	0.8848	0.8391	0.1388
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5064	0.4936	0.5066	0.0127	0.9845
pulsar	0.9761	0.0239	0.9251	0.8402	0.1171
raisin	0.8556	0.1444	0.8599	0.7111	0.5111
rcv11%	0.2611	0.0360	0.0431	0.0280	0.3116
re0-wc	0.4600	0.0831	0.2738	0.1295	0.2879
re1-wc	0.2831	0.0573	0.0859	0.0833	0.3177
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.6690	0.3310	0.7143	0.2935	0.4902
reuters21578	0.4687	0.0221	0.0701	0.0540	0.2111
rice	0.9874	0.0126	0.9873	0.9744	0.0865
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6372	0.3628	0.6236	0.2471	0.8976
RT_IOT2022	0.9765	0.0039	0.9205	0.9396	0.0264
satimage	0.8538	0.0487	0.8263	0.8179	0.1831
satimageF	0.9922	0.0078	0.9799	0.9597	0.1105
satimageT	0.9316	0.0684	0.7907	0.5707	0.4991
scadi	0.7143	0.0816	0.3673	0.5882	0.1060

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5588	0.4412	0.5616	0.1176	0.9407
sclerosis	0.9259	0.0741	0.9288	0.8475	0.2500
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.9962	0.0038	0.9962	0.9924	0.0330
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8701	0.0371	0.8808	0.8485	0.1493
segmentation	0.8069	0.1931	0.7835	0.5558	0.6399
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9057	0.0943	0.6821	0.1071	0.2156
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-3-gram	0.8684	0.1316	0.6013	0.1055	0.5237
sens-4-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-5-gram	0.8632	0.1368	0.5547	0.0445	0.5361
sens-6-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-7-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-8-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-9-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sensorless	0.7212	0.0507	0.7222	0.6933	0.2965
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8629	0.1371	0.6731	0.2452	0.5074
shuttle	0.9753	0.0070	0.7662	0.9312	0.0831
sick	0.9496	0.0504	0.7516	0.4051	0.2858
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin10%	0.9779	0.0221	0.9688	0.9356	0.2172
smarket	0.7840	0.2160	0.8135	0.5632	0.4392
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.7368	0.2632	0.7175	0.4350	0.7835
soil_pollution	0.2100	0.3160	0.2056	0.0117	0.8526
solar-flare	0.7338	0.0887	0.5648	0.6557	0.2102
sonar	0.6500	0.3500	0.7149	0.3000	0.5049
soybean	0.8971	0.0108	0.9113	0.8866	0.0518
spam-detection	0.9500	0.0500	0.8376	0.6683	0.4245
spambase	0.8283	0.1717	0.8265	0.6165	0.4762
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.4340	0.0236	0.1810	0.3915	0.1817
splice-EI	0.8549	0.1451	0.8026	0.5250	0.3095
splice-IE	0.8486	0.1514	0.7810	0.4620	0.3131
sport-articles	0.7900	0.2100	0.7702	0.5143	0.6285
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.2667	0.3889	0.1667	0.4654
startup	0.7419	0.2581	0.7304	0.3261	0.4308
steel_industry	0.7908	0.1395	0.7506	0.6616	0.4172
steel-b	0.8513	0.1487	0.7598	0.5130	0.6362
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.7846	0.2154	0.7535	0.4911	0.6780
steel-p	0.9231	0.0769	0.6576	0.1895	0.4020
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stellar	0.8730	0.0847	0.8562	0.7595	0.2640
stock	0.8264	0.1736	0.6619	0.0615	0.3241
stockb	0.8634	0.0910	0.8733	0.7953	0.1908

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
streaming	0.7960	0.2040	0.7954	0.5790	0.6375
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6150	0.1540	0.3265	0.3585	0.4205
student-depression	0.7115	0.2885	0.6993	0.3664	0.7436
student-habits	0.4200	0.2320	0.2088	0.0681	0.4013
student-weekend	0.4000	0.2400	0.2482	0.0552	0.4572
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.6292	0.2642	0.3558
susy1%	0.7374	0.2626	0.7456	0.4544	0.6725
swarm_aligned	0.9846	0.0154	0.9821	0.9636	0.0720
swarm_flocking	0.9213	0.0787	0.9265	0.8426	0.2798
swarm_grouped	0.9338	0.0662	0.9315	0.8536	0.2170
tae	0.4000	0.4000	0.4101	0.1000	0.7275
telco-churn	0.8693	0.1307	0.8237	0.6310	0.5034
texture	0.9527	0.0086	0.9518	0.9479	0.0652
theorem	0.9493	0.0507	0.9495	0.8938	0.1912
thoracic	0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7368	0.2632	0.6690	0.1244	0.4184
tic-tac-toe	0.9684	0.0316	0.9650	0.9276	0.1262
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8136	0.1864	0.7881	0.5021	0.4299
tourist	0.5000	0.1667	0.1212	0.0857	0.2472
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.5287	0.0286	0.7084
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.3226	0.1694	0.1560	0.0510	0.3512
trec21-wc	0.6970	0.1010	0.1369	0.0000	0.2028
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3978	0.2007	0.2525	0.0402	0.3253
trec41-wc	0.2955	0.1409	0.1193	0.0187	0.3223
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.9596	0.0404	0.9358	0.8693	0.2376
turkish	0.6750	0.1625	0.7062	0.5667	0.3850
tvnews	0.8453	0.1547	0.8329	0.6446	0.5023
tvnews1%	0.7385	0.2615	0.7160	0.3613	0.6234
tvnews10%	0.7857	0.2143	0.7681	0.4918	0.5858
ur3_cobotops_grip	0.9714	0.0286	0.7155	0.3874	0.4334
ur3_cobotops_stop	0.9673	0.0327	0.6957	0.2413	0.2517
urban	0.6716	0.0730	0.6470	0.6102	0.2166
urinalysis	0.9371	0.0629	0.4838	-0.0126	0.4999
url-rep1%	0.6937	0.3063	0.6607	0.1125	0.4527
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7024	0.1488	0.6570	0.5970	0.3474
vehicleVAN	0.9405	0.0595	0.9196	0.8387	0.3402
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.3131	0.1249	0.4672	0.2444	0.3278
vowelZ	0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17	0.9113	0.0887	0.6623	0.0446	0.2160
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p	0.1905	0.1619	0.2051	0.1053	0.3669

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc1%	0.6710	0.0940	0.6627	0.6148	0.3804
watch-gyr1%	0.5306	0.1341	0.5290	0.4511	0.4750
water_pollution	0.2533	0.3733	0.1316	-0.0084	0.4946
waveform	0.8420	0.1053	0.8454	0.7631	0.3427
weather-related	0.9442	0.0101	0.9537	0.9367	0.0697
web-phishing	0.8074	0.1284	0.5592	0.6406	0.3951
Weekly	0.8519	0.1481	0.8590	0.6910	0.4312
weight-lift	0.9521	0.0192	0.9516	0.9393	0.0918
white-clover	0.6667	0.1667	0.3125	0.2500	0.3385
wifi-loc	0.9800	0.0100	0.9807	0.9733	0.0413
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5786	0.1405	0.2712	0.3081	0.4393
winequality-white	0.5685	0.1233	0.2988	0.3070	0.4365
winnipeg	0.9901	0.0028	0.9612	0.9875	0.0211
winnipeg10%	0.9834	0.0047	0.9540	0.9790	0.0311
wisc_bc	0.9123	0.0877	0.9091	0.8017	0.2562
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5068	0.0986	0.3363	0.3620	0.3551
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053
zip	0.7849	0.0430	0.8138	0.7557	0.1856

Table 445: Detailed results for ROCC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1446	0.0815	0.0902	0.0560	0.4860
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9634	0.0366	0.9208	0.8331	0.1869
adult	0.8012	0.1988	0.6899	0.3550	0.7010
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.6098	0.2105	0.8520
AID644red	0.5000	0.5000	0.4048	-0.1905	0.9701
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9901	0.0099	0.4975	-0.0014	0.3140
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8028	0.1972	0.7080	0.4036	0.7116
air_pollution	0.3733	0.1790	0.1245	0.0432	0.5414
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.6635	0.3365	0.6539	0.2771	0.8040
alcohol	0.7143	0.1143	0.2921	0.1775	0.2131
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7535	0.2465	0.7174	0.4134	0.7240
anneal	0.9213	0.0315	0.8927	0.8258	0.1637
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8734	0.0633	0.6151	0.7599	0.2957
anuran-genus	0.8790	0.0302	0.6768	0.7937	0.2517
anuran-species	0.9347	0.0131	0.8538	0.9089	0.1164
anxiety	0.1250	0.1944	0.1323	0.0143	0.7728
apple-quality	0.6400	0.3600	0.6406	0.2800	0.8876
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia	0.7111	0.0578	0.5445	0.5451	0.3175
auction	0.8775	0.1225	0.6686	0.0652	0.2579

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.7727	0.0413	0.6629	0.7264	0.1006
audit-risk	0.9487	0.0513	0.9501	0.8952	0.2451
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9655	0.0345	0.9665	0.9308	0.1598
autos	0.5500	0.1800	0.4663	0.4098	0.3595
avila	0.5664	0.0723	0.4105	0.3554	0.3859
babies	0.4355	0.1613	0.1902	0.1230	0.4702
balance	0.9032	0.0645	0.7880	0.8263	0.3392
bank	0.9043	0.0957	0.7183	0.4120	0.5728
banknote	0.8467	0.1533	0.8484	0.6932	0.5588
bankruptcy	0.9600	0.0400	0.9606	0.9180	0.2092
barleyblumeria	0.8779	0.1221	0.8683	0.7205	0.4209
basehock	0.9497	0.0503	0.9498	0.8995	0.2653
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.7333	0.2667	0.7073	0.4000	0.7615
biomed	0.8571	0.1429	0.8467	0.6897	0.5386
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5269	0.2366	0.5287	0.3692	0.5893
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.6786	0.3214	0.5195	0.0308	0.8648
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.9000	0.0333	0.8192	0.8485	0.0568
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7529	0.1236	0.5561	0.5378	0.3760
car-insurance	0.7660	0.2340	0.7122	0.4152	0.7453
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7746	0.0451	0.7128	0.7288	0.2514
cardiotocography-nsp	0.8404	0.1064	0.6757	0.4956	0.4609
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0104
cars	0.6000	0.2667	0.4138	0.2099	0.6583
cas_N6512_cdk_ECFP2	0.6882	0.3118	0.6853	0.3702	0.8370
cas_N6512_rdkit_ATOMPAIR	0.6262	0.3738	0.6256	0.2509	0.9028
cas_N6512_RDkit_AtomPair_FP	0.6166	0.3834	0.6127	0.2249	0.9146
cas_N6512_rdkit_AVALON	0.6283	0.3717	0.6227	0.2409	0.8957
cas_N6512_RDkit_Avalon_FP	0.6304	0.3696	0.6252	0.2415	0.8832
cas_N6512_rdkit_descriptors	0.5877	0.4123	0.5926	0.1822	0.9251
cas_N6512_rdkit_FEATMORGAN	0.6574	0.3426	0.6538	0.2965	0.8504
cas_N6512_RDkit_Featmorgan_FP	0.7055	0.2945	0.7030	0.3996	0.8016
cas_N6512_RDkit_FP	0.6426	0.3574	0.6379	0.2691	0.8761
cas_N6512_rdkit_LAYERED	0.6615	0.3385	0.6619	0.3229	0.8643
cas_N6512_RDkit_Layered_FP	0.6304	0.3696	0.6290	0.2579	0.9000
cas_N6512_rdkit_MACCS	0.6667	0.3333	0.6630	0.3248	0.8614
cas_N6512_RDkit_MACCS_FP	0.6595	0.3405	0.6558	0.3104	0.8694
cas_N6512_rdkit_MORGAN	0.7031	0.2969	0.7011	0.4022	0.8182

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.7101	0.2899	0.7083	0.4167	0.8088
cas_N6512_rdkit_PATTERN	0.6385	0.3615	0.6336	0.2637	0.8875
cas_N6512_RDkit_pattern_FP	0.6518	0.3482	0.6476	0.2930	0.8759
cas_N6512_rdkit_RDKITFP	0.6190	0.3810	0.6134	0.2207	0.9007
cas_N6512_rdkit_TORSION	0.6969	0.3031	0.6966	0.3927	0.8236
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7358	0.2642	0.7059	0.4111	0.7906
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9683	0.0317	0.7721	0.4528	0.2199
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9364	0.0636	0.6133	0.0185	0.2066
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	-0.0001	0.2293
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8150	0.1850	0.6590	0.2692	0.6641
churn-bigml	0.8914	0.1086	0.7469	0.4544	0.5194
ci900367j_MACCS	0.6526	0.3474	0.6042	0.1356	0.7307
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.4807	0.4350	0.4320
cjs	0.8643	0.0452	0.8771	0.8359	0.1148
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7796	0.1102	0.5408	0.6570	0.3303
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7500	0.4783	0.3555
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4830	0.3447	0.4476	0.1601	0.7305
cnae-9	0.7778	0.0494	0.8015	0.7500	0.2014
codon_usage	0.6577	0.0622	0.4313	0.5768	0.3395
coil20	0.9514	0.0049	0.9545	0.9488	0.0317
college	0.9091	0.0909	0.8921	0.7806	0.4581
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.6207	0.3793	0.4955	-0.0063	0.8798
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7931	0.2069	0.7929	0.5857	0.6774
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.6774	0.2151	0.6091	0.4859	0.4369
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7548	0.2452	0.7551	0.5093	0.7401
coupon	0.6230	0.3770	0.6061	0.2053	0.9006
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.6795	0.0916	0.4398	0.4698	0.3504

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.8926	0.1074	0.7295	0.4072	0.5106
covtypeT	0.9291	0.0709	0.6164	0.1531	0.4925
crabs	0.6500	0.1750	0.6766	0.5333	0.3524
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8221	0.0593	0.5480	0.6000	0.3561
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.3125	0.0430	0.2712	0.2903	0.1314
customer-churn	0.9808	0.0192	0.6810	0.2870	0.3818
cybersecurity	0.1933	0.2689	0.1946	0.0301	0.8474
cyclopentane	0.5926	0.4074	0.6272	0.2205	0.8244
cylinder-bands	0.7037	0.2963	0.7121	0.4138	0.7853
darwin	0.7222	0.2778	0.7358	0.4444	0.7161
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8197	0.1803	0.7133	0.4160	0.6967
defect	0.8395	0.1605	0.5888	0.0727	0.5192
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8843	0.1157	0.6513	0.2679	0.6276
depressed	0.8322	0.1678	0.5828	0.0525	0.4903
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.3750	0.4167	0.3158	0.0244	0.6574
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7467	0.5122	0.3099
DIA	0.7667	0.2333	0.6269	0.1515	0.6104
diabetes	0.8462	0.1538	0.8375	0.6750	0.5822
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5624	0.2917	0.4399	0.1360	0.5458
diabetic1%	0.5686	0.2876	0.3718	0.1633	0.5242
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8667	0.0667	0.7970	0.8129	0.1694
diamonds_all	0.5671	0.1732	0.4695	0.3614	0.4851
dishonest	0.9062	0.0938	0.8927	0.7624	0.2534
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.4167	0.5833	0.2941	-0.3125	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5806	0.4194	0.5764	0.1502	0.9398
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7156	0.1896	0.6222	0.5142	0.5152
drug-01	0.3777	0.1778	0.1572	0.0076	0.4962
drug-02	0.3936	0.1733	0.1190	0.0196	0.4544
drug-03	0.6915	0.1028	0.1367	0.0096	0.2131
drug-04	0.5319	0.1337	0.1363	0.0415	0.3408
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2975	0.2745	0.4977
drug-07	0.4521	0.1826	0.1609	0.0687	0.3810
drug-08	0.5691	0.1231	0.1735	0.1070	0.3546
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5319	0.1337	0.1380	0.0966	0.3689
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-13	0.5904	0.1170	0.1609	0.2082	0.3969
drug-14	0.5745	0.1216	0.1937	0.0444	0.3062
drug-15	0.7553	0.0699	0.1237	0.0222	0.2430
drug-16	0.5904	0.1365	0.3068	0.2792	0.3398
drug-17	0.3617	0.1824	0.1739	0.1247	0.5716
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7606	0.0684	0.1234	-0.0143	0.2847
drybean	0.9067	0.0267	0.9157	0.8870	0.1399
ecoli	0.7647	0.0784	0.6137	0.6675	0.2207
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2600	0.3700	0.2594	0.0115	0.8402
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.5895	0.4105	0.5757	0.1425	0.9198
eeg10%	0.2910	0.0886	0.2127	0.2056	0.5599
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5616	0.1753	0.5520	0.4359	0.4383
euthyroid	0.9019	0.0981	0.6037	0.0940	0.4479
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8183	0.1817	0.8253	0.6393	0.5897
fakenews	0.5325	0.4675	0.5321	0.0637	0.9777
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.7805	0.0258	0.7377	0.7493	0.1652
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5686	0.4314	0.5666	0.0556	0.6935
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.8846	0.0577	0.8750	0.8402	0.1464
gas	0.7505	0.0832	0.7547	0.6985	0.3128
gastrointestinal	0.4375	0.3750	0.3736	0.1220	0.6511
gender	0.5832	0.2779	0.3498	0.0510	0.4926
gene	0.7539	0.1640	0.7488	0.6198	0.4895
german	0.6900	0.3100	0.6322	0.2439	0.8259
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.8473	0.1527	0.8472	0.6943	0.5664
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7619	0.0794	0.7566	0.6667	0.1993
glass-g2	0.6250	0.3750	0.6291	0.2500	0.8686
glassBWFP	0.7619	0.2381	0.7548	0.5070	0.7331
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.8571	0.1429	0.7955	0.5039	0.3038
glassTableware	0.9091	0.0909	0.7843	0.4634	0.5000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8333	0.1667	0.8362	0.6653	0.5817
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.4620	0.1718	0.5343
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.8820	0.0197	0.8048	0.8605	0.1206
har	0.1840	0.3264	0.0622	0.0000	0.3998
har70	0.4777	0.1492	0.0924	0.0000	0.2651

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har701%	0.7668	0.0666	0.3901	0.6200	0.1374
har7010%	0.5753	0.1213	0.2979	0.2492	0.2229
harth	0.4492	0.0918	0.0517	0.0000	0.2692
harth1%	0.6770	0.0538	0.2323	0.5420	0.2070
harth10%	0.6221	0.0630	0.2331	0.4441	0.2449
hayes-roth	0.5000	0.3333	0.6124	0.2381	0.4631
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.8540	0.1460	0.8287	0.6570	0.5834
heart-quantum	0.8400	0.1600	0.8333	0.6667	0.5927
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.5951	0.4049	0.5990	0.1881	0.9044
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6091	0.3909	0.6055	0.2000	0.8960
higgs1%	0.5315	0.4685	0.5309	0.0003	0.5271
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.1509	0.0375	0.3586
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8750	0.1250	0.8765	0.7470	0.4704
hiv1-proteasa	0.8988	0.1012	0.8028	0.5867	0.4905
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.4358	0.2174	0.3601
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.5321	0.3119	0.5335	0.2914	0.7078
htru2	0.9726	0.0274	0.9133	0.8224	0.2490
hypothyroid	0.9337	0.0332	0.5322	0.4492	0.2139
hypothyroidT	0.9390	0.0610	0.7437	0.3251	0.1589
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9540	0.0230	0.9545	0.9387	0.0854
ionosphere	0.7714	0.2286	0.7235	0.4422	0.7427
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9400	0.0600	0.9392	0.8777	0.2958
isolet	0.8691	0.0101	0.8746	0.8638	0.1037
jm1	0.8090	0.1910	0.5967	0.0606	0.4922
jvowels	0.8384	0.0359	0.8269	0.8166	0.2151
kc1	0.8626	0.1374	0.6845	0.3196	0.5977
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.5385	0.1846	0.2857	0.1522	0.4224
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9953	0.0007	0.8815	0.9921	0.0274
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.3020	0.0776	0.2876	0.2063	0.5552
krvskp	0.7837	0.2163	0.7962	0.5598	0.5892
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
labor	0.5000	0.5000	0.6604	0.1818	0.5239
leaf	0.6471	0.0307	0.5774	0.6291	0.0990
led24	0.6000	0.0889	0.5774	0.5455	0.2056
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.6745	0.0250	0.6850	0.6614	0.2970
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.5833	0.0556	0.5998	0.5519	0.1783
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.5588	0.4412	0.5978	0.1694	0.8239
loan	0.7963	0.2037	0.7784	0.5503	0.6687
localization	0.2718	0.1324	0.1999	0.1228	0.4746
localization10%	0.3926	0.1104	0.1423	0.1444	0.4611
lrs	0.8113	0.0539	0.7902	0.7405	0.1784
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	0.7500	0.1000	0.8000	0.6863	0.1500
lung-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8723	0.1277	0.8745	0.7428	0.4928
madelon	0.6423	0.3577	0.6427	0.2846	0.8864
magic04	0.7843	0.2157	0.7561	0.5065	0.7026
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8653	0.7292	0.5220
marketing	0.8571	0.1429	0.6507	0.2657	0.6551
maternal	0.6634	0.2244	0.6652	0.4802	0.4893
math	0.8250	0.0875	0.8178	0.7252	0.2331
mba	0.8403	0.1065	0.4005	0.0432	0.2268
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2233	0.3107	0.2221	0.0298	0.8517
messidor	0.6000	0.4000	0.5931	0.1862	0.9298
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.8205	0.6949	0.2446
meter-D	0.8333	0.0833	0.8220	0.7642	0.1445
mfeat-fac	0.9200	0.0160	0.9209	0.9111	0.0924
mfeat-fou	0.7400	0.0520	0.7371	0.7111	0.2369
mfeat-kar	0.8800	0.0240	0.8836	0.8667	0.1267
mfeat-mor	0.6800	0.0640	0.6827	0.6444	0.2156
mfeat-pix	0.9350	0.0130	0.9378	0.9278	0.0744
mfeat-zer	0.7050	0.0590	0.7045	0.6722	0.2543
mice-prot	0.9722	0.0069	0.9751	0.9682	0.0214
milk	0.8302	0.1132	0.8496	0.7479	0.3077
mines	0.2941	0.2824	0.3633	0.1282	0.5984
mobile	0.8357	0.0059	0.8473	0.8327	0.0778
monks-1	0.5818	0.4182	0.5817	0.1606	0.9364
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.8571	0.1429	0.8737	0.7168	0.3812
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9176	0.0824	0.9175	0.8349	0.3791
music	0.4556	0.0990	0.4406	0.3268	0.5238
musk	0.8727	0.1273	0.7220	0.4255	0.6193

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.6547	0.3453	0.6348	0.2610	0.8681
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.6655	0.3345	0.6486	0.2928	0.8636
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.6541	0.3459	0.6499	0.2992	0.8741
myocardial	0.8471	0.0382	0.1714	0.0640	0.1237
naticusdroid	0.8994	0.1006	0.8996	0.7989	0.4319
NCI60	0.5000	0.1667	0.5000	0.4000	0.1820
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7916	0.0219	0.1647	0.1361	0.2329
ncRNA1%	0.8686	0.0138	0.2284	0.5747	0.1642
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6135	0.3865	0.6095	0.2170	0.9141
NHANES_age_prediction	0.8722	0.1278	0.7580	0.5158	0.6449
nomao	0.8546	0.1454	0.8249	0.6493	0.5973
NPHA-doctor-visits	0.4722	0.3519	0.2138	-0.0806	0.6633
nursery	0.8650	0.0675	0.7682	0.8011	0.2290
obesity	0.6256	0.1070	0.6232	0.5632	0.3626
obs	0.7407	0.1296	0.7778	0.6038	0.2747
occupancy	0.9407	0.0593	0.9235	0.8423	0.3776
Occupancy_Estimation	0.9358	0.0321	0.8179	0.8061	0.1380
oh0-wc	0.7921	0.0416	0.7769	0.7608	0.2057
oh10-wc	0.7048	0.0590	0.6905	0.6634	0.2608
oh15-wc	0.7065	0.0587	0.7255	0.6673	0.2667
oh5-wc	0.6813	0.0637	0.7030	0.6371	0.2735
olive	0.9298	0.0156	0.9204	0.9124	0.0471
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9152	0.0848	0.6439	0.1745	0.4412
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9093	0.0181	0.9122	0.8991	0.1195
optdigitsZ	0.9840	0.0160	0.9534	0.9055	0.2781
orl	0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9526	0.0474	0.4879	-0.0181	0.6053
ozone8hr	0.9170	0.0830	0.4784	-0.0145	0.5062
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7577	0.2423	0.7149	0.3961	0.6949
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8254	0.1746	0.8328	0.6536	0.5727
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9671	0.0132	0.6908	0.7967	0.0978
parkinson	0.8917	0.1083	0.8883	0.7765	0.4641
parkinsons	0.6303	0.3697	0.6000	0.1992	0.9100
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8462	0.1538	0.8022	0.6004	0.6046
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5515	0.4485	0.4532	-0.0443	0.8486

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8146	0.5918	0.4410
pediatric-leukemia	0.7941	0.0588	0.7870	0.7473	0.1949
pendigits	0.8726	0.0255	0.8751	0.8583	0.1627
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.8350	0.1650	0.8072	0.6008	0.5755
phishing	0.9102	0.0898	0.9055	0.8109	0.4093
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.4587	0.1547	0.4053	0.3632	0.5064
phone-acc1%	0.4766	0.1495	0.4351	0.3840	0.4810
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.4350	0.1614	0.4284	0.3363	0.5570
phone-gyr1%	0.4148	0.1672	0.4469	0.3129	0.4972
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7574	0.2426	0.7206	0.4371	0.7564
phy	0.6688	0.3312	0.6693	0.3378	0.8570
pima	0.6711	0.3289	0.6395	0.2555	0.8254
pirvision	0.9882	0.0078	0.9745	0.9628	0.0867
placement	0.7780	0.2220	0.7706	0.5404	0.7083
plant-growth	0.6842	0.3158	0.6960	0.3523	0.7434
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4976	0.1436	0.1384	-0.0002	0.2403
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7308	0.2692	0.6965	0.3876	0.7912
popularity	0.6396	0.2403	0.3773	0.0785	0.4261
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.7128	0.1149	0.7136	0.6408	0.3771
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6400	0.2647	0.8578
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5152	0.0746	0.4566	0.4601	0.2328
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7015	0.2985	0.6213	0.1918	0.7593
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.8571	0.1429	0.8654	0.6957	0.3522
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio	0.7898	0.0841	0.6885	0.7146	0.3179
puc-rio10%	0.7809	0.0876	0.6664	0.7027	0.3139
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4904	0.5096	0.4882	-0.0196	0.9525
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9785	0.0215	0.9329	0.8580	0.1103
raisin	0.8889	0.1111	0.8893	0.7778	0.4596
re0-wc	0.7667	0.0359	0.7143	0.6881	0.2375
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9819	0.0181	0.9817	0.9634	0.1237
rnaseq	0.0875	0.3650	0.0322	0.0000	0.4005
rocket	0.5806	0.4194	0.5278	0.0454	0.9087

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8258	0.0581	0.8026	0.7852	0.2323
satimageF	0.9829	0.0171	0.9547	0.9078	0.1457
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.5944	0.1765	0.9011
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8874	0.0322	0.8962	0.8685	0.1536
segmentation	0.7772	0.2228	0.7580	0.5159	0.7235
segmentO	0.8528	0.1472	0.4603	0.0000	0.2903
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.7935	0.0375	0.8032	0.7729	0.1638
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8938	0.1062	0.7776	0.5466	0.5680
shuttle	0.9757	0.0069	0.7064	0.9328	0.2288
sick	0.9523	0.0477	0.8001	0.5996	0.5178
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin	0.7947	0.2053	0.6150	0.1847	0.7101
skin10%	0.9391	0.0609	0.9219	0.8326	0.3844
smarket	0.7120	0.2880	0.7146	0.4210	0.7849
smart-farming	0.1800	0.4100	0.1630	-0.1010	0.8404
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2133	0.3147	0.2153	0.0117	0.7986
solar-flare	0.7194	0.0935	0.5860	0.6367	0.2161
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9265	0.0077	0.9344	0.9194	0.0436
spam-detection	0.9435	0.0565	0.8088	0.5980	0.4192
spambase	0.8565	0.1435	0.8486	0.6954	0.5455
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.7714	0.2286	0.7131	0.2632	0.3942
spectrometer	0.6346	0.0271	0.5496	0.6138	0.1373
splice-EI	0.8360	0.1640	0.7691	0.5303	0.6379
splice-IE	0.8360	0.1640	0.7489	0.4497	0.5548
sport-articles	0.8200	0.1800	0.8094	0.6182	0.6401
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9570	0.0430	0.9529	0.9048	0.2252
steel_industry	0.7092	0.1939	0.6742	0.5322	0.5261
steel-b	0.7949	0.2051	0.6312	0.2309	0.7311
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9538	0.0462	0.9277	0.8544	0.2918
steel-o	0.7333	0.2667	0.6998	0.3035	0.5905
steel-p	0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9179	0.0821	0.7558	0.5105	0.5941

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stellar	0.8552	0.0965	0.8480	0.7445	0.3388
stock	0.8889	0.1111	0.8068	0.6129	0.5758
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.7520	0.2480	0.7481	0.4913	0.7377
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6100	0.1560	0.3302	0.3563	0.4326
student-depression	0.7821	0.2179	0.7730	0.5378	0.6818
student-habits	0.3500	0.2600	0.1037	-0.0159	0.3675
student-weekend	0.4308	0.2277	0.3813	0.1921	0.6338
student-workday	0.6875	0.1250	0.1645	0.0016	0.2858
studentap	0.4615	0.3590	0.3586	0.1250	0.5394
susy1%	0.7668	0.2332	0.7645	0.5262	0.7172
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.6000	0.2667	0.6923	0.4000	0.3472
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.8727	0.0231	0.8810	0.8596	0.1376
theorem	0.7741	0.2259	0.7839	0.5530	0.6691
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	0.7368	0.2632	0.6991	0.3971	0.7934
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.8284	0.1716	0.7454	0.4407	0.5620
titanic	0.8182	0.1818	0.7908	0.5204	0.4648
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.5882	0.2059	0.6021	0.4516	0.3282
toxicity	0.3529	0.6471	0.3159	-0.3650	1.0000
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.5416	0.0741	0.8524
trec12-wc	0.8065	0.0484	0.8802	0.7692	0.1229
trec21-wc	0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc	0.8095	0.0635	0.6180	0.7237	0.1904
trec31-wc	0.9462	0.0179	0.9168	0.9279	0.0714
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.9417	0.0583	0.9187	0.8316	0.3951
turkish	0.7250	0.1375	0.7446	0.6333	0.3762
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.7846	0.2154	0.7631	0.5211	0.6973
tvnews10%	0.7787	0.2213	0.7547	0.4947	0.6848
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7612	0.0531	0.7346	0.7200	0.1836
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.6429	0.1786	0.6009	0.5102	0.4339
vehicleVAN	0.7500	0.2500	0.6090	0.1923	0.7864
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9070	0.0930	0.9069	0.8139	0.4119
vowel	0.3838	0.1120	0.3950	0.3222	0.3099
vowelZ	0.9192	0.0808	0.7036	0.1852	0.1938
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.6154	0.0769	0.4847	0.5638	0.1177
warppie10p	0.9048	0.0190	0.9249	0.8939	0.0513
watch-acc1%	0.4936	0.1447	0.5074	0.4063	0.4845
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-gyr1%	0.4944	0.1445	0.5008	0.4084	0.4050
watch-gyr10%	0.5276	0.1350	0.5310	0.4473	0.3976
water_pollution	0.2300	0.3850	0.2211	-0.0305	0.8308
waveform	0.7700	0.1533	0.7697	0.6550	0.4597
weather-related	0.6808	0.0580	0.7055	0.6342	0.2574
web-phishing	0.7630	0.1580	0.5889	0.5663	0.5364
Weekly	0.7593	0.2407	0.7590	0.5165	0.7328
weight-lift	0.5068	0.1973	0.4990	0.3732	0.6404
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0346
wilt	0.0497	0.9503	0.0473	0.0000	0.1299
wine	0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red	0.5157	0.1614	0.2427	0.2110	0.4833
winequality-white	0.4642	0.1786	0.2805	0.1013	0.4361
winnipeg10%	0.9457	0.0155	0.9535	0.9312	0.0891
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.5625	0.0583	0.5179	0.5333	0.1066
yeast	0.5135	0.1081	0.4097	0.3607	0.3486
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.8484	0.0303	0.8360	0.8297	0.1969

Table 446: Detailed results for ROPAC-L

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0011	-0.0035	0.4211
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.6000	0.4000	0.6094	0.2000	0.8750
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7333	0.2667	0.4588	-0.0761	0.8605
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
aids	0.8685	0.1315	0.8176	0.6343	0.5805
air_pollution	0.3667	0.1810	0.1313	0.0168	0.6675
alcohol	0.7429	0.1029	0.3441	0.2720	0.2831
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.8233	0.1767	0.8156	0.6267	0.6265
anneal	0.7978	0.0809	0.4145	0.4695	0.2558
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9471	0.0264	0.8955	0.8996	0.1548
anuran-genus	0.9318	0.0170	0.7107	0.8866	0.1378
anuran-species	0.9333	0.0133	0.8663	0.9061	0.1092
anxiety	0.1000	0.2000	0.1005	-0.0131	0.8332
apple-quality	0.5625	0.4375	0.6422	0.1250	0.5566
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.4889	0.1022	0.2814	0.1453	0.4685
auction	0.9314	0.0686	0.8301	0.6448	0.4167
audiology	0.4091	0.1074	0.1887	0.2938	0.2496
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult	0.9286	0.0714	0.9098	0.8032	0.2065
autism-child	0.7586	0.2414	0.7728	0.5108	0.6328
autos	0.7000	0.1200	0.7660	0.5918	0.2113
avila	0.4082	0.0986	0.0880	0.1130	0.4047
babies	0.4435	0.1590	0.1443	0.1110	0.3824
balance	0.7742	0.1505	0.5379	0.5778	0.3489
bank	0.8806	0.1194	0.6662	0.3265	0.6773
banknote	0.6277	0.3723	0.6735	0.1787	0.5007
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8018	0.1982	0.7833	0.5661	0.6782
bio10%	0.9952	0.0048	0.8440	0.6644	0.2276
biodeg	0.8857	0.1143	0.8803	0.7600	0.4858
biomed	0.8095	0.1905	0.8397	0.6316	0.4644
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.3560	0.3220	0.4113	0.1413	0.4639
brain-tumor	0.5105	0.4895	0.5104	0.0207	0.9927
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.1818	0.8182	0.1833	-0.6230	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
breast-cancer-ma	0.4545	0.5455	0.3125	0.0000	0.5306
breast-tissue	0.3636	0.2121	0.3000	0.2524	0.2316
bridges	0.5000	0.1667	0.2727	0.1379	0.3571
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4630	0.3580	0.3287	-0.0122	0.6938
car	0.9483	0.0259	0.9326	0.8883	0.1817
car-insurance	0.8060	0.1940	0.7695	0.5376	0.6851
card	0.9130	0.0870	0.9107	0.8198	0.3843
cardiotocography	0.5775	0.0845	0.4627	0.5010	0.3270
cardiotocography-nsp	0.8826	0.0782	0.7462	0.6413	0.3513
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6880	0.5402	0.4052
cas_N6512_rdkit_descriptors	0.6446	0.3554	0.6441	0.2879	0.8842
cas_N6512_rdkit_MACCS	0.7419	0.2581	0.7396	0.4784	0.7623
cas_N6512_RDkit_MACCS_FP	0.7515	0.2485	0.7509	0.5015	0.7475
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7202	0.2798	0.6733	0.3081	0.7453
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9683	0.0317	0.7755	0.5158	0.3791
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.6220	0.1410	0.4091
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9419	0.0581	0.4850	-0.0190	0.5933
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.6606	0.1697	0.4685	0.4831	0.4610
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.4630	0.5370	0.5263	0.0366	0.6991
churn-bigml	0.8652	0.1348	0.6825	0.1246	0.2760
ci900367j_MACCS	0.6632	0.3368	0.6255	0.2434	0.8704
circles	0.0300	0.0194	0.0023	0.0202	0.3133
cirrhosis	0.5952	0.2698	0.4758	0.3438	0.5107
cjs	0.9893	0.0036	0.9904	0.9869	0.0140
ckd	0.7000	0.3000	0.6809	0.1781	0.4528
clave	0.7843	0.1079	0.6049	0.6456	0.2913
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5000	0.3333	0.5490	0.2800	0.2183
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4354	0.3764	0.4121	0.0238	0.5059
cnae-9	0.8148	0.0412	0.8271	0.7917	0.1487
codon_usage	0.1366	0.1570	0.1544	0.0579	0.4078
coil20	0.0903	0.0910	0.0930	0.0420	0.2821
college	0.9221	0.0779	0.9105	0.8146	0.4105
collins	0.0400	0.1280	0.0262	0.0050	0.3663
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.3448	0.6552	0.2564	0.0000	0.5054
colposcopies-2	0.3793	0.6207	0.2750	0.0000	0.5184
colposcopies-3	0.4483	0.5517	0.6081	0.0492	0.5288
colposcopies-4	0.8621	0.1379	0.8263	0.5915	0.3064
colposcopies-5	0.3793	0.6207	0.6167	0.1031	0.4098
colposcopies-6	0.4828	0.5172	0.3256	0.0000	0.5300
colposcopies-c	0.5517	0.4483	0.5505	0.0872	0.8036
column-2c	0.8387	0.1613	0.8198	0.5753	0.3439
column-3c	0.7742	0.1505	0.7421	0.6259	0.3339
cottonmeloidogyne	0.7260	0.2740	0.7274	0.4512	0.7764
coupon	0.7153	0.2847	0.7062	0.4029	0.7862

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.9548	0.0452	0.9027	0.8051	0.3676
crabs	0.8000	0.1000	0.8047	0.7333	0.1692
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8488	0.0504	0.6504	0.6849	0.3503
cryotherapy	0.8889	0.1111	0.8953	0.7692	0.3145
cultivars	0.0312	0.0605	0.0156	0.0000	0.2098
customer-churn	0.9800	0.0200	0.6772	0.0555	0.0670
cybersecurity	0.1700	0.2767	0.1622	0.0010	0.8626
cyclopentane	0.7037	0.2963	0.7379	0.3571	0.4732
cylinder-bands	0.7407	0.2593	0.7402	0.4383	0.6625
darwin	0.6111	0.3889	0.6858	0.2222	0.5142
datatrieve	0.6923	0.3077	0.6977	0.2353	0.3900
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8611	0.1389	0.6883	0.2433	0.4348
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8790	0.1210	0.6327	0.2343	0.6503
depressed	0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology	0.9459	0.0180	0.9409	0.9326	0.0579
desharnais	0.7500	0.1667	0.7722	0.5897	0.3125
df_final	0.5625	0.2917	0.4290	0.3000	0.5195
DIA	0.7667	0.2333	0.6645	0.0968	0.3895
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetic1%	0.5098	0.3268	0.3171	-0.0117	0.5353
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.7099	0.8351	0.0660
diamonds_all	0.6300	0.1480	0.4705	0.4528	0.3621
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor	0.3750	0.6250	0.2727	-0.4286	0.8893
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dota210%	0.5466	0.4534	0.5390	0.0721	0.9468
dropout	0.6140	0.2573	0.5595	0.3741	0.6539
drug-01	0.3936	0.1733	0.1779	0.0972	0.4954
drug-02	0.5053	0.1413	0.1444	-0.0045	0.4198
drug-03	0.6809	0.0912	0.1157	-0.0124	0.3618
drug-04	0.4840	0.1474	0.1466	0.0868	0.5946
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2766	0.2067	0.1838	0.0985	0.5632
drug-07	0.3617	0.1824	0.1315	-0.0365	0.5418
drug-08	0.5106	0.1398	0.0987	-0.0238	0.5105
drug-09	0.8511	0.0426	0.1321	0.0403	0.2447
drug-10	0.5266	0.1353	0.1017	0.0286	0.5013
drug-11	0.8564	0.0410	0.2370	0.0638	0.1191
drug-12	0.7819	0.0623	0.1254	-0.0137	0.2547
drug-13	0.5691	0.1231	0.1054	0.0160	0.3353
drug-14	0.5957	0.1155	0.2035	0.2228	0.4663
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5319	0.1337	0.1940	0.0890	0.3669
drug-17	0.3564	0.1839	0.1803	0.1467	0.6948
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.5474	0.1293	0.5823	0.4396	0.3255
ecoli	0.7647	0.0588	0.3087	0.6646	0.1041
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.7857	0.4762	0.3145
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ecommerce	0.2600	0.3700	0.2622	0.0145	0.8330
eeg-eye	0.5921	0.4079	0.5867	0.1174	0.7818
eeg10%	0.0457	0.1193	0.0630	-0.0250	0.6912
eucalyptus	0.4247	0.2301	0.4307	0.2420	0.4398
euthyroid	0.9051	0.0949	0.6695	0.0567	0.2161
fakenews	0.4425	0.5575	0.4382	-0.1183	1.0000
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.6595	0.1135	0.4370	0.4480	0.4133
fishcatch	0.5625	0.1458	0.5714	0.4510	0.1878
flags	0.3500	0.1857	0.1934	0.1003	0.3120
forest	0.8846	0.0577	0.8913	0.8424	0.1678
gastrointestinal	0.8125	0.1250	0.7812	0.6757	0.2537
gender	0.5705	0.2863	0.2870	0.0089	0.5416
gene	0.8580	0.0946	0.8410	0.7683	0.3323
german	0.7000	0.3000	0.6613	0.1914	0.5773
gestures	0.4127	0.2937	0.4683	0.2156	0.3880
glass	0.7619	0.0794	0.6402	0.6708	0.2336
glass-g2	0.5000	0.5000	0.6522	0.1579	0.5288
glassBWFP	0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP	0.6667	0.3333	0.7042	0.3636	0.7218
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6842	0.3158	0.7467	0.3871	0.5000
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma-grade	0.8452	0.1548	0.8398	0.6777	0.5692
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.4000	0.3000	0.3278	0.1667	0.6097
gsalc	0.4444	0.1852	0.4627	0.3571	0.2244
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
har	0.3119	0.2752	0.4051	0.1464	0.4568
har701%	0.7664	0.0668	0.3902	0.6204	0.1403
hayes-roth	0.3125	0.4583	0.5486	0.1244	0.4019
hcc-survival	0.7647	0.2353	0.7792	0.4688	0.4308
health-activity	0.7100	0.1450	0.2331	0.0146	0.4076
heart	0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.7333	0.2667	0.7692	0.4444	0.4644
heart-failure	0.9060	0.0940	0.8888	0.7736	0.4100
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hERG-64inputs	0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs	0.6923	0.3077	0.4091	-0.1304	0.8920
higgs0.1%	0.5955	0.4045	0.5969	0.1928	0.9279
higher	0.4286	0.1429	0.2400	0.3129	0.2544
hinselmann	0.6000	0.4000	0.5519	0.0909	0.7720
hitters	0.5000	0.5000	0.5153	0.0266	0.9406
hiv1-proteasa	0.8702	0.1298	0.7324	0.3892	0.4781
horse	0.6667	0.2222	0.6434	0.3425	0.3107
hotel-reservartions	0.7191	0.2809	0.6708	0.1930	0.5290
hr	0.8561	0.1439	0.4612	-0.0135	0.4899
htru2	0.9682	0.0318	0.8974	0.7776	0.1677
hypothyroid	0.9682	0.0159	0.6506	0.7733	0.0456
hypothyroidT	0.9920	0.0080	0.9714	0.9412	0.0338
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
instagram	0.8920	0.0540	0.9028	0.8560	0.1204
ionosphere	0.3143	0.6857	0.2391	0.0000	0.4897
iris	0.7333	0.1778	0.7801	0.6053	0.1585
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8062	0.1938	0.5689	0.0115	0.4068
jvowels	0.7661	0.0520	0.7670	0.7352	0.2779
kc1	0.7725	0.2275	0.4772	-0.0422	0.8270
kc1-class-level-defectiveornot	0.8667	0.1333	0.8696	0.7059	0.3322
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.8077	0.1923	0.8159	0.5674	0.5244
kepler	0.8023	0.1318	0.7400	0.6644	0.3178
kidney-disease	0.9500	0.0500	0.9479	0.8904	0.1808
krkopt	0.0089	0.1101	0.0222	-0.0139	0.5636
krvskp	0.9937	0.0063	0.9937	0.9874	0.0522
leaf	0.0588	0.0818	0.0286	0.0127	0.2376
led24	0.5500	0.0900	0.5975	0.5000	0.2082
letter	0.0555	0.0727	0.0533	0.0178	0.5558
leukemia	0.5714	0.2857	0.5000	0.2759	0.3404
libra	0.1111	0.1185	0.0504	0.0479	0.3643
linkage1%	0.9967	0.0033	0.7073	0.1734	0.0153
liver	0.5882	0.4118	0.7076	0.2938	0.5299
loan	0.6464	0.3536	0.6443	0.0762	0.4814
localization10%	0.1796	0.1492	0.1337	0.0604	0.4602
lrs	0.7736	0.0453	0.4000	0.6806	0.1374
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.5000	0.1429	0.2286	0.3333	0.2048
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure	0.9468	0.0532	0.9455	0.8909	0.2850
madelon	0.5077	0.4923	0.5611	0.0154	0.5804
magic04	0.4556	0.5444	0.5859	0.0961	0.6818
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8235	0.6458	0.6162
marketing	0.8750	0.1250	0.7015	0.3575	0.5768
maternal	0.5644	0.2904	0.4658	0.3328	0.4909
math	0.6500	0.1750	0.3601	0.4130	0.3387
mba	0.8355	0.1097	0.3649	0.0399	0.2775
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2667	0.2933	0.2640	0.0832	0.8276
messidor	0.5913	0.4087	0.5689	0.1261	0.9127
meter-A	0.8750	0.1250	0.8730	0.7143	0.3145
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.2778	0.3611	0.2062	0.1034	0.4900
meter-D	0.4444	0.2778	0.5458	0.3333	0.2236
mfeat-fac	0.9350	0.0130	0.9361	0.9278	0.0774
mfeat-fou	0.6250	0.0750	0.6146	0.5833	0.2942
mfeat-kar	0.8050	0.0390	0.8166	0.7833	0.2022
mfeat-mor	0.4900	0.1020	0.4551	0.4333	0.2457
mfeat-pix	0.9250	0.0150	0.9283	0.9167	0.0850
mfeat-zer	0.6650	0.0670	0.6761	0.6278	0.2904
mice-prot	0.7778	0.0556	0.7403	0.7446	0.1353
milk	0.8019	0.1321	0.7774	0.6852	0.2890

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mines	0.4412	0.2235	0.2640	0.2870	0.3071
mobile	0.0490	0.0340	0.0444	0.0318	0.3087
monks-1	0.6545	0.3455	0.6560	0.3102	0.8698
monks-2	0.7049	0.2951	0.6597	0.3155	0.8336
monks-3	0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0123
music	0.2506	0.1363	0.1174	0.0701	0.6701
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ESTATE	0.7458	0.2542	0.7350	0.4583	0.7365
MUT_ci300400a_cdk_MACCS	0.8321	0.1679	0.8265	0.6523	0.6037
MUT_ci300400a_rdkit_descriptors	0.6278	0.3722	0.6388	0.2681	0.8677
myocardial	0.8706	0.0324	0.2414	0.2917	0.1026
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA1%	0.7688	0.0243	0.0502	0.2521	0.2804
new-thyroid	0.2857	0.4762	0.4912	0.1667	0.1486
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4583	0.3611	0.3482	0.0868	0.7483
nursery	0.9745	0.0102	0.7524	0.9626	0.0426
obesity	0.6588	0.0975	0.6718	0.6017	0.3605
obs	0.6759	0.1620	0.6407	0.5118	0.4393
occupancy	0.9844	0.0156	0.9781	0.9562	0.1378
Occupancy_Estimation	0.9566	0.0217	0.8466	0.8673	0.0531
oh15-wc	0.4565	0.1087	0.3978	0.3546	0.3398
oh5-wc	0.4286	0.1143	0.4284	0.3282	0.3129
olive	0.7719	0.0507	0.6980	0.7179	0.1482
optdigits	0.8986	0.0203	0.9012	0.8873	0.1334
optdigitsZ	0.9947	0.0053	0.9834	0.9662	0.0246
orl	0.0500	0.0475	0.0500	0.0256	0.1800
orlraws10P	0.8000	0.0400	0.7652	0.7778	0.0600
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7990	0.2010	0.7681	0.5070	0.6143
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8254	0.1746	0.8245	0.6487	0.6139
page-blocks	0.9269	0.0293	0.4340	0.4016	0.1237
parkinson	0.7333	0.2667	0.7354	0.3945	0.5882
parkinsons	0.7962	0.2038	0.7795	0.5552	0.6758
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle10%	0.8585	0.1415	0.8171	0.6046	0.4780
pc1	0.8108	0.1892	0.7160	0.3249	0.5017
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pendigits	0.9263	0.0147	0.9280	0.9181	0.0998
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7784	0.2216	0.7602	0.4885	0.6353
pet-adoption	0.9000	0.1000	0.8861	0.7610	0.3790
phishing	0.9796	0.0204	0.9789	0.9574	0.1428
phone-acc0.1%	0.3951	0.1728	0.3906	0.2860	0.5827
phone-gyr0.1%	0.1551	0.2414	0.2062	0.0226	0.5218
phoneme	0.7741	0.2259	0.6993	0.2892	0.5384
pima	0.7237	0.2763	0.7618	0.4736	0.6376
pirvision	0.9869	0.0087	0.9765	0.9578	0.0591
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4829	0.1034	0.2149	0.0608	0.4585
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-2nd	0.9617	0.0383	0.6732	0.0470	0.1111
polish-3rd	0.9457	0.0543	0.5404	0.0492	0.5347
polish-4th	0.9520	0.0480	0.6832	0.2399	0.3351
polish-5th	0.9425	0.0575	0.7226	0.3026	0.2616
polya	0.6995	0.3005	0.6492	0.2644	0.7830
pred-tox_mutagen_ref-desc	0.4706	0.5294	0.4664	-0.0588	0.9811
prestige	0.7778	0.1481	0.5926	0.6400	0.1389
primary-tumor	0.2121	0.1212	0.1437	0.1100	0.3127
profb	0.6716	0.3284	0.5946	0.1793	0.8739
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6774	0.1860	0.4929
prostate_GE	0.6364	0.3636	0.6553	0.2903	0.8322
puc-rio10%	0.7254	0.1098	0.6233	0.6350	0.2810
pulsar	0.9800	0.0200	0.9381	0.8718	0.1509
raisin	0.8444	0.1556	0.8533	0.6889	0.5001
rice	0.9835	0.0165	0.9833	0.9667	0.1138
rocket	0.6139	0.3861	0.5778	0.0863	0.7340
satimage	0.6439	0.1187	0.5807	0.5570	0.3461
satimageF	0.9813	0.0187	0.9504	0.8974	0.1179
satimageT	0.8974	0.1026	0.5977	0.1054	0.5041
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6765	0.3235	0.6768	0.3529	0.8487
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9048	0.0635	0.9152	0.8571	0.1250
segment	0.8745	0.0359	0.8765	0.8530	0.1293
segmentation	0.7376	0.2624	0.7268	0.3157	0.4338
segmentO	0.9004	0.0996	0.7793	0.4493	0.2306
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
shoppers	0.8767	0.1233	0.7190	0.3805	0.5292
shuttle	0.9797	0.0058	0.5242	0.9426	0.0302
sick	0.9549	0.0451	0.7840	0.4952	0.2687
sirtuin6	0.5000	0.5000	0.3333	0.0000	0.5283
skin10%	0.9077	0.0923	0.8523	0.6978	0.4541
smarket	0.5600	0.4400	0.6407	0.1005	0.5212
smart-farming	0.2400	0.3800	0.2318	-0.0215	0.7736
smoking	0.7253	0.2747	0.7185	0.4321	0.7790
soil_pollution	0.1900	0.3240	0.1752	-0.0128	0.8585
solar-flare	0.7266	0.0911	0.6434	0.6497	0.2285
sonar	0.8500	0.1500	0.8518	0.7000	0.5467
soybean	0.0588	0.0991	0.1276	0.0169	0.1794
spambase	0.9283	0.0717	0.9253	0.8472	0.3161
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.0962	0.0670	0.0554	0.0661	0.2447
splice-EI	0.9211	0.0789	0.8924	0.7810	0.3836
splice-IE	0.8959	0.1041	0.8485	0.6874	0.4597
sport-articles	0.8500	0.1500	0.8366	0.6690	0.5577
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	0.8710	0.1290	0.8774	0.7362	0.4652
steel_industry	0.7357	0.1762	0.6597	0.5594	0.3983
steel-b	0.8205	0.1795	0.6816	0.3038	0.6208
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9641	0.0359	0.9438	0.8846	0.1919

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-o	0.6308	0.3692	0.6349	0.2581	0.8496
steel-p	0.9179	0.0821	0.6790	0.3432	0.6100
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stock	0.8333	0.1667	0.7612	0.5102	0.6671
stockb	0.9956	0.0029	0.9956	0.9934	0.0158
streaming	0.9580	0.0420	0.9575	0.9150	0.2334
stress	0.5873	0.1651	0.4742	0.4881	0.1403
student-lifestyle	0.6300	0.1480	0.3179	0.3736	0.3560
student-habits	0.3900	0.2440	0.1840	0.0431	0.6393
student-weekend	0.3692	0.2523	0.2062	0.0724	0.6226
student-workday	0.6719	0.1313	0.1623	-0.0083	0.4347
studentap	0.2308	0.5128	0.1887	-0.2037	0.9092
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.1333	0.5778	0.0889	-0.3000	0.7081
telco-churn	0.8665	0.1335	0.8247	0.6481	0.5713
texture	0.1818	0.1488	0.1453	0.1042	0.4065
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff	0.8947	0.1053	0.8953	0.7690	0.4155
tic-tac-toe	0.9158	0.0842	0.9047	0.8055	0.3684
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tox_171	0.4118	0.2941	0.4791	0.2237	0.3560
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.5882	0.4118	0.3704	-0.1121	0.8833
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
tuandromd	0.9664	0.0336	0.9470	0.8934	0.2325
turkish	0.5000	0.2500	0.5063	0.3333	0.3678
tvnews1%	0.8154	0.1846	0.7975	0.5858	0.6224
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9388	0.0612	0.4842	-0.0303	0.6372
urban	0.6866	0.0697	0.6363	0.6267	0.2189
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
vehicle	0.6905	0.1548	0.6538	0.5830	0.3430
vehicleVAN	0.9048	0.0952	0.8697	0.7377	0.4630
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.1010	0.1635	0.0632	0.0111	0.4048
vowelZ	0.9495	0.0505	0.8400	0.6784	0.4613
warpar10p	0.2308	0.1538	0.2095	0.1558	0.3030
warppie10p	0.5714	0.0857	0.6122	0.5263	0.1587
watch-acc1%	0.5086	0.1404	0.5190	0.4251	0.4555
watch-gyr1%	0.2717	0.2081	0.2750	0.1472	0.6551
water_pollution	0.2233	0.3883	0.2195	-0.0421	0.8089
waveform	0.5700	0.2867	0.6390	0.3558	0.4735
weather-related	0.3135	0.1248	0.1723	0.2328	0.1960
web-phishing	0.8222	0.1185	0.6643	0.6697	0.3902
Weekly	0.6574	0.3426	0.7342	0.3559	0.5135
wifi-loc	0.9600	0.0200	0.9602	0.9467	0.0710
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.8824	0.0784	0.8695	0.7748	0.1669
winequality-red	0.5409	0.1530	0.2774	0.2957	0.4010
winequality-white	0.5276	0.1350	0.2850	0.2951	0.4447

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.0625	0.1250	0.0444	-0.0169	0.3132
yeast	0.3649	0.1270	0.2116	0.2145	0.4387
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053

Table 447: Detailed results for ROPAC-M

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0011	-0.0037	0.4238
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5503	0.1000	0.9662
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7619	0.2381	0.4775	-0.0371	0.8340
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.6000	0.4000	0.4724	-0.0526	0.9519
aids	0.8639	0.1361	0.8082	0.6135	0.5855
air_pollution	0.3833	0.1762	0.1358	0.0238	0.6096
alcohol	0.7429	0.1029	0.3441	0.2720	0.2831
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.8326	0.1674	0.8141	0.6270	0.6151
anneal	0.7978	0.0809	0.4145	0.4695	0.2558
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9444	0.0278	0.8910	0.8940	0.1531
anuran-genus	0.9305	0.0174	0.7234	0.8840	0.1264
anuran-species	0.9361	0.0128	0.8678	0.9102	0.0969
anxiety	0.1000	0.2000	0.1005	-0.0131	0.8332
apple-quality	0.5625	0.4375	0.6422	0.1250	0.5566
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.4667	0.1067	0.3028	0.1227	0.4687
auction	0.9216	0.0784	0.8014	0.5781	0.4430
audiology	0.3636	0.1157	0.1644	0.2451	0.2579
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.8857	0.1143	0.8549	0.6671	0.2750
autism-child	0.8276	0.1724	0.8474	0.6506	0.4011
autos	0.6500	0.1400	0.6012	0.5254	0.2589
avila	0.4011	0.0998	0.0976	0.1043	0.4084
babies	0.4516	0.1567	0.1498	0.1355	0.4348
balance	0.7742	0.1505	0.5379	0.5778	0.3489
bank	0.8847	0.1153	0.6749	0.3421	0.6655
banknote	0.6277	0.3723	0.6735	0.1787	0.5007
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8249	0.1751	0.8115	0.6229	0.6337
bio10%	0.9959	0.0041	0.8698	0.7253	0.2186
biodeg	0.8571	0.1429	0.8513	0.7014	0.5556
biomed	0.8095	0.1905	0.8397	0.6316	0.4644
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.4612	0.2694	0.4502	0.2816	0.4346
brain-tumor	0.5105	0.4895	0.5104	0.0207	0.9927
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.1818	0.8182	0.1833	-0.6230	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
breast-cancer-ma	0.4545	0.5455	0.3125	0.0000	0.5306
breast-tissue	0.3636	0.2121	0.3000	0.2524	0.2316
bridges	0.6000	0.1333	0.4468	0.3548	0.2852
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4630	0.3580	0.3287	-0.0122	0.6938
car	0.9483	0.0259	0.9326	0.8883	0.1817
car-insurance	0.8020	0.1980	0.7668	0.5331	0.6943
card	0.9130	0.0870	0.9107	0.8198	0.3843
cardiotocography	0.6197	0.0761	0.4657	0.5475	0.3196
cardiotocography-nsp	0.8732	0.0845	0.7277	0.5974	0.3390
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6990	0.5740	0.3848
cas_N6512_rdkit_descriptors	0.6615	0.3385	0.6640	0.3255	0.8591
cas_N6512_rdkit_MACCS	0.7450	0.2550	0.7428	0.4851	0.7583
cas_N6512_RDkit_MACCS_FP	0.7515	0.2485	0.7529	0.5037	0.7418
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7461	0.2539	0.7078	0.3792	0.7042
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9683	0.0317	0.7755	0.5158	0.3791
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9483	0.0517	0.5970	0.1298	0.4948
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9419	0.0581	0.4850	-0.0190	0.5933
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.6408	0.1796	0.4686	0.4531	0.4970
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.4680	0.5320	0.5335	0.0466	0.6947
churn-bigml	0.8689	0.1311	0.6932	0.1633	0.2716
ci900367j_MACCS	0.6421	0.3579	0.5979	0.1868	0.8908
circles	0.0300	0.0194	0.0023	0.0202	0.3133
cirrhosis	0.5952	0.2698	0.4795	0.3521	0.4894
cjs	0.9857	0.0048	0.9839	0.9826	0.0237
ckd	0.7500	0.2500	0.7361	0.3421	0.4246
clave	0.7769	0.1116	0.5714	0.6327	0.3099
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5000	0.3333	0.5490	0.2800	0.2183
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4762	0.3492	0.4348	0.1819	0.7167
cnae-9	0.8241	0.0391	0.8285	0.8021	0.1379
codon_usage	0.1535	0.1539	0.1639	0.0775	0.4152
coil20	0.0764	0.0924	0.0828	0.0274	0.2991
college	0.9221	0.0779	0.9105	0.8146	0.4105
collins	0.0400	0.1280	0.0378	0.0058	0.3416
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.3448	0.6552	0.2564	0.0000	0.5054
colposcopies-2	0.3793	0.6207	0.2750	0.0000	0.5184
colposcopies-3	0.4483	0.5517	0.6081	0.0492	0.5288
colposcopies-4	0.8621	0.1379	0.8263	0.5915	0.3064
colposcopies-5	0.3793	0.6207	0.6167	0.1031	0.4098
colposcopies-6	0.4828	0.5172	0.3256	0.0000	0.5300
colposcopies-c	0.5517	0.4483	0.5505	0.0872	0.8036
column-2c	0.8387	0.1613	0.8198	0.5753	0.3439
column-3c	0.8065	0.1290	0.8052	0.6815	0.2726
cottonmeloidogyne	0.7043	0.2957	0.7046	0.4082	0.8128
coupon	0.7082	0.2918	0.6985	0.3899	0.8011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.9528	0.0472	0.8945	0.7837	0.3188
crabs	0.8000	0.1000	0.8047	0.7333	0.1692
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8313	0.0562	0.6286	0.6474	0.3883
cryotherapy	0.8889	0.1111	0.8953	0.7692	0.3145
cultivars	0.0312	0.0605	0.0156	0.0000	0.2137
cybersecurity	0.1700	0.2767	0.1622	0.0010	0.8626
cyclopentane	0.7037	0.2963	0.7379	0.3571	0.4732
cylinder-bands	0.7222	0.2778	0.7310	0.3873	0.6049
darwin	0.6111	0.3889	0.6858	0.2222	0.5142
datatrieve	0.6923	0.3077	0.6977	0.2353	0.3900
default	0.7810	0.2190	0.5910	0.0287	0.4522
defect	0.8611	0.1389	0.6883	0.2433	0.4348
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8252	0.1748	0.4521	-0.0136	0.5023
dermatology	0.9459	0.0180	0.9409	0.9326	0.0579
desharnais	0.7500	0.1667	0.7722	0.5897	0.3125
df_final	0.5625	0.2917	0.4437	0.3086	0.6013
DIA	0.7667	0.2333	0.6645	0.0968	0.3895
diabetes	0.9808	0.0192	0.9799	0.9590	0.0927
diabetic1%	0.5392	0.3072	0.3399	0.0631	0.5291
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.7099	0.8351	0.0660
diamonds_all	0.6303	0.1479	0.4707	0.4535	0.3617
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor	0.3750	0.6250	0.2727	-0.4286	0.8893
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dota210%	0.5311	0.4689	0.5197	0.0144	0.7314
dropout	0.6230	0.2513	0.5577	0.3788	0.6255
drug-01	0.3883	0.1748	0.1738	0.0782	0.5429
drug-02	0.5053	0.1413	0.0963	-0.0085	0.3816
drug-03	0.6862	0.0897	0.1163	-0.0053	0.3113
drug-04	0.4894	0.1459	0.1673	0.1249	0.6552
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2606	0.2112	0.1587	0.0703	0.4792
drug-07	0.3564	0.1839	0.1141	-0.0577	0.4674
drug-08	0.5213	0.1368	0.0993	-0.0203	0.4823
drug-09	0.8511	0.0426	0.1321	0.0403	0.2447
drug-10	0.5266	0.1353	0.1173	0.0665	0.5289
drug-11	0.8564	0.0410	0.2370	0.0638	0.1191
drug-12	0.7819	0.0623	0.1254	-0.0137	0.2547
drug-13	0.5691	0.1231	0.1058	0.0208	0.3367
drug-14	0.5851	0.1185	0.1963	0.1881	0.4706
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5319	0.1337	0.1919	0.0784	0.3316
drug-17	0.3457	0.1869	0.1692	0.1263	0.6828
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7606	0.0684	0.1238	-0.0001	0.2417
drybean	0.5569	0.1266	0.5883	0.4555	0.3534
ecoli	0.7647	0.0588	0.3087	0.6646	0.1041
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.7857	0.4762	0.3145
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2500	0.3750	0.2518	0.0009	0.8425
eeg-eye	0.6335	0.3665	0.6318	0.2633	0.8956

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
eeg10%	0.0457	0.1193	0.0630	-0.0250	0.6912
eucalyptus	0.4247	0.2301	0.4035	0.2459	0.4498
euthyroid	0.9051	0.0949	0.6695	0.0567	0.2161
fakenews	0.4425	0.5575	0.4382	-0.1183	1.0000
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.6590	0.1137	0.4563	0.4513	0.4209
fishcatch	0.5625	0.1458	0.5714	0.4510	0.1878
flags	0.2000	0.2286	0.0519	-0.1111	0.5108
forest	0.9038	0.0481	0.9061	0.8688	0.1518
gastrointestinal	0.8125	0.1250	0.7812	0.6757	0.2537
gender	0.4379	0.3747	0.3443	0.0370	0.7827
gene	0.8580	0.0946	0.8410	0.7683	0.3323
german	0.7000	0.3000	0.6613	0.1914	0.5773
gestures	0.4178	0.2911	0.4609	0.2226	0.4145
glass	0.7619	0.0794	0.6402	0.6708	0.2336
glass-g2	0.5000	0.5000	0.6522	0.1579	0.5288
glassBWFP	0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP	0.6667	0.3333	0.7042	0.3636	0.7218
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6842	0.3158	0.7467	0.3871	0.5000
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma-grade	0.8095	0.1905	0.8041	0.6082	0.6527
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.4667	0.2667	0.4665	0.2683	0.5573
gsalc	0.4444	0.1852	0.4627	0.3571	0.2244
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
har	0.3053	0.2779	0.3417	0.1380	0.4580
har701%	0.7664	0.0668	0.3902	0.6204	0.1403
hayes-roth	0.3125	0.4583	0.5486	0.1244	0.4019
hcc-survival	0.7647	0.2353	0.7792	0.4688	0.4308
health-activity	0.7100	0.1450	0.2101	-0.0295	0.4080
heart	0.8889	0.1111	0.8845	0.7666	0.4543
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.6667	0.3333	0.6718	0.3119	0.7877
heart-failure	0.8960	0.1040	0.8767	0.7472	0.4313
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hERG-64inputs	0.7143	0.2857	0.6500	0.3000	0.8322
hERG-9inputs	0.6923	0.3077	0.4091	-0.1304	0.8920
higgs0.1%	0.5200	0.4800	0.5268	0.0517	0.9692
higher	0.4286	0.1429	0.2495	0.3043	0.2624
hinselmann	0.6000	0.4000	0.5519	0.0909	0.7720
hitters	0.5000	0.5000	0.5153	0.0266	0.9406
hiv1-proteasa	0.8702	0.1298	0.7324	0.3892	0.4781
horse	0.6667	0.2222	0.6434	0.3425	0.3107
hotel-reservartions	0.7004	0.2996	0.6264	0.1387	0.6248
hr	0.8526	0.1474	0.4602	-0.0199	0.5496
htru2	0.9693	0.0307	0.9012	0.7920	0.2196
hypothyroid	0.9682	0.0159	0.6506	0.7733	0.0456
hypothyroidT	0.9920	0.0080	0.9714	0.9412	0.0338
ilpd	0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.8920	0.0540	0.9028	0.8560	0.1204
ionosphere	0.3143	0.6857	0.2391	0.0000	0.4897

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
iris	0.7333	0.1778	0.7801	0.6053	0.1585
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8026	0.1974	0.4929	-0.0015	0.4705
jvowels	0.7771	0.0495	0.7634	0.7470	0.2801
kc1	0.7678	0.2322	0.4559	-0.0800	0.8333
kc1-class-level-defectiveornot	0.8667	0.1333	0.8696	0.7059	0.3322
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.8462	0.1538	0.8422	0.6357	0.5085
kepler	0.7877	0.1416	0.7227	0.6387	0.3110
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9500	0.0500	0.9479	0.8904	0.1808
krkopt	0.0239	0.1085	0.0176	-0.0066	0.5169
krvskp	0.9937	0.0063	0.9937	0.9874	0.0522
leaf	0.0588	0.0818	0.0286	0.0127	0.2376
led24	0.5500	0.0900	0.5975	0.5000	0.2082
letter	0.0655	0.0719	0.0633	0.0282	0.5592
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
libra	0.1111	0.1185	0.0504	0.0479	0.3643
linkage1%	0.9967	0.0033	0.7073	0.1734	0.0153
liver	0.5882	0.4118	0.7076	0.2938	0.5299
loan	0.9719	0.0281	0.9705	0.9393	0.1214
localization10%	0.1778	0.1495	0.1141	0.0622	0.4344
lrs	0.6226	0.0755	0.3675	0.4465	0.1597
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.6250	0.1071	0.3316	0.5000	0.1688
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure	0.9574	0.0426	0.9569	0.9130	0.2402
madelon	0.5077	0.4923	0.5611	0.0154	0.5804
magic04	0.7443	0.2557	0.7203	0.3368	0.5378
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7812	0.2188	0.7818	0.5625	0.6957
marketing	0.8795	0.1205	0.7127	0.3703	0.5391
maternal	0.5644	0.2904	0.4658	0.3328	0.4909
math	0.6500	0.1750	0.3601	0.4130	0.3387
mba	0.8339	0.1108	0.3596	0.0368	0.2905
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2667	0.2933	0.2640	0.0832	0.8276
messidor	0.5913	0.4087	0.5689	0.1261	0.9127
meter-A	0.8750	0.1250	0.8730	0.7143	0.3145
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.2778	0.3611	0.2062	0.1034	0.4900
meter-D	0.4444	0.2778	0.5458	0.3333	0.2236
mfeat-fac	0.9350	0.0130	0.9361	0.9278	0.0774
mfeat-fou	0.6250	0.0750	0.6146	0.5833	0.2942
mfeat-kar	0.8050	0.0390	0.8166	0.7833	0.2022
mfeat-mor	0.4900	0.1020	0.4551	0.4333	0.2457
mfeat-pix	0.9250	0.0150	0.9283	0.9167	0.0850
mfeat-zer	0.6300	0.0740	0.6401	0.5889	0.3091
mice-prot	0.7778	0.0556	0.7403	0.7446	0.1353
milk	0.8019	0.1321	0.7774	0.6852	0.2890
mines	0.4412	0.2235	0.2640	0.2870	0.3071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mobile	0.0490	0.0340	0.0444	0.0318	0.3087
monks-1	0.6545	0.3455	0.6560	0.3102	0.8698
monks-2	0.7049	0.2951	0.6597	0.3155	0.8336
monks-3	0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0123
music	0.2161	0.1425	0.1176	0.0750	0.6846
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ESTATE	0.7446	0.2554	0.7337	0.4628	0.7556
MUT_ci300400a_cdk_MACCS	0.8141	0.1859	0.8074	0.6126	0.6364
MUT_ci300400a_rdkit_descriptors	0.6566	0.3434	0.6684	0.3250	0.8342
myocardial	0.8706	0.0324	0.2414	0.2917	0.1026
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA1%	0.7643	0.0248	0.0519	0.2679	0.2892
new-thyroid	0.2857	0.4762	0.4912	0.1667	0.1486
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4306	0.3796	0.3290	0.0477	0.7753
nursery	0.9761	0.0096	0.7534	0.9648	0.0388
obesity	0.6682	0.0948	0.6810	0.6128	0.3529
obs	0.6759	0.1620	0.6407	0.5118	0.4393
occupancy	0.9844	0.0156	0.9781	0.9562	0.1378
Occupancy_Estimation	0.9506	0.0247	0.8235	0.8491	0.0571
oh15-wc	0.5000	0.1000	0.3783	0.4063	0.3122
oh5-wc	0.4835	0.1033	0.4464	0.3942	0.3029
olive	0.7719	0.0507	0.6980	0.7179	0.1482
optdigits	0.9004	0.0199	0.9037	0.8893	0.1314
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0500	0.0475	0.0500	0.0256	0.1800
orlraws10P	0.8000	0.0400	0.7652	0.7778	0.0600
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7887	0.2113	0.7548	0.4817	0.6426
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8650	0.7277	0.5145
page-blocks	0.9269	0.0293	0.4340	0.4016	0.1237
parkinson	0.7333	0.2667	0.7354	0.3945	0.5882
parkinsons	0.7488	0.2512	0.7493	0.4900	0.7338
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle10%	0.8638	0.1362	0.8238	0.6264	0.4910
pc1	0.8108	0.1892	0.7160	0.3249	0.5017
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pendigits	0.9290	0.0142	0.9301	0.9211	0.0968
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7755	0.2245	0.7563	0.4826	0.6470
pet-adoption	0.9000	0.1000	0.8861	0.7610	0.3790
phishing	0.9796	0.0204	0.9789	0.9574	0.1428
phone-acc0.1%	0.3882	0.1748	0.3882	0.2793	0.6132
phone-gyr0.1%	0.1558	0.2412	0.2062	0.0236	0.5170
phoneme	0.7741	0.2259	0.6993	0.2892	0.5384
pima	0.8026	0.1974	0.8069	0.6031	0.6355
pirvision	0.9902	0.0065	0.9823	0.9687	0.0600
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4634	0.1073	0.2119	0.0235	0.4557
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9617	0.0383	0.6732	0.0470	0.1111

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-3rd	0.9486	0.0514	0.5563	0.0566	0.4658
polish-4th	0.9541	0.0459	0.7053	0.2722	0.2818
polish-5th	0.9391	0.0609	0.7107	0.2054	0.1578
polya	0.7146	0.2854	0.6756	0.2753	0.6674
pred-tox_mutagen_ref-desc	0.4706	0.5294	0.4664	-0.0588	0.9811
prestige	0.7778	0.1481	0.5926	0.6400	0.1389
primary-tumor	0.2121	0.1212	0.1437	0.1090	0.3243
profb	0.6567	0.3433	0.5704	0.1309	0.8893
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6774	0.1860	0.4929
prostate_GE	0.6364	0.3636	0.6553	0.2903	0.8322
puc-rio10%	0.7634	0.0946	0.6794	0.6799	0.3204
raisin	0.8667	0.1333	0.8670	0.7333	0.5178
rice	0.9835	0.0165	0.9833	0.9667	0.1138
rocket	0.6096	0.3904	0.5708	0.0719	0.7230
satimage	0.6843	0.1052	0.6192	0.6050	0.3137
satimageF	0.9751	0.0249	0.9331	0.8594	0.1365
satimageT	0.8974	0.1026	0.5977	0.1054	0.5041
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6765	0.3235	0.6940	0.3529	0.7584
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9048	0.0635	0.9152	0.8571	0.1250
segment	0.8355	0.0470	0.8442	0.8073	0.1451
segmentation	0.7376	0.2624	0.7268	0.3157	0.4338
segmentO	0.9004	0.0996	0.7793	0.4493	0.2306
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
shoppers	0.8735	0.1265	0.7092	0.3569	0.5363
sick	0.9523	0.0477	0.7708	0.5038	0.4060
sirtuin6	0.5000	0.5000	0.3333	0.0000	0.5283
skin10%	0.9077	0.0923	0.8523	0.6978	0.4541
smarket	0.5600	0.4400	0.6407	0.1005	0.5212
smart-farming	0.2800	0.3600	0.2925	0.0364	0.7730
smoking	0.7316	0.2685	0.7383	0.4610	0.7375
soil_pollution	0.1900	0.3240	0.1752	-0.0128	0.8585
solar-flare	0.7482	0.0839	0.6644	0.6784	0.2377
sonar	0.8500	0.1500	0.8518	0.7000	0.5467
soybean	0.0588	0.0991	0.1276	0.0169	0.1794
spambase	0.9261	0.0739	0.9225	0.8437	0.3436
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.0962	0.0670	0.0536	0.0672	0.2387
splice-EI	0.9211	0.0789	0.8924	0.7810	0.3836
splice-IE	0.8959	0.1041	0.8485	0.6874	0.4597
sport-articles	0.8700	0.1300	0.8588	0.7132	0.5036
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	0.9032	0.0968	0.9086	0.8009	0.3671
steel_industry	0.7180	0.1880	0.6403	0.5303	0.4046
steel-b	0.8051	0.1949	0.6527	0.2694	0.7021
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9641	0.0359	0.9438	0.8846	0.1919
steel-o	0.6615	0.3385	0.6224	0.2445	0.8818
steel-p	0.9128	0.0872	0.6481	0.2773	0.6264
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stock	0.8472	0.1528	0.7576	0.5129	0.6710
stockb	0.9956	0.0029	0.9956	0.9934	0.0158
streaming	0.9540	0.0460	0.9535	0.9070	0.2514
stress	0.5873	0.1651	0.4742	0.4881	0.1403
student-lifestyle	0.6250	0.1500	0.3361	0.3657	0.3758
student-habits	0.3800	0.2480	0.1782	0.0271	0.6424
student-weekend	0.3692	0.2523	0.2062	0.0724	0.6226
student-workday	0.6719	0.1313	0.1623	-0.0083	0.4347
studentap	0.3077	0.4615	0.2551	-0.0833	0.8784
susy1%	0.6814	0.3186	0.6967	0.3295	0.6897
tae	0.3333	0.4444	0.3210	0.0000	0.7377
telco-churn	0.8565	0.1435	0.8113	0.6213	0.5965
texture	0.1782	0.1494	0.1334	0.1000	0.4027
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
Thyroid_Diff	0.8947	0.1053	0.8953	0.7690	0.4155
tic-tac-toe	0.9053	0.0947	0.8927	0.7795	0.3913
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tox_171	0.4118	0.2941	0.4791	0.2237	0.3560
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.5882	0.4118	0.3704	-0.1121	0.8833
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.3226	0.1694	0.1209	0.0565	0.3553
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
tuandromd	0.9664	0.0336	0.9470	0.8934	0.2325
turkish	0.5000	0.2500	0.5063	0.3333	0.3678
tvnews1%	0.8154	0.1846	0.7975	0.5858	0.6224
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.8639	0.1361	0.5366	0.0544	0.4482
urban	0.6866	0.0697	0.6363	0.6267	0.2189
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
vehicle	0.6905	0.1548	0.6550	0.5842	0.3271
vehicleVAN	0.9048	0.0952	0.8680	0.7288	0.4284
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.1010	0.1635	0.0754	0.0111	0.3629
vowelZ	0.9495	0.0505	0.8400	0.6784	0.4613
warpar10p	0.3077	0.1385	0.2727	0.2403	0.2629
warppie10p	0.5714	0.0857	0.6122	0.5263	0.1587
watch-acc1%	0.5066	0.1410	0.5170	0.4212	0.4660
watch-gyr1%	0.2536	0.2133	0.2383	0.1215	0.6240
water_pollution	0.2000	0.4000	0.2048	-0.0715	0.8218
waveform	0.6160	0.2560	0.6595	0.4245	0.4984
weather-related	0.3212	0.1234	0.1725	0.2405	0.1855
web-phishing	0.8444	0.1037	0.7418	0.7079	0.2833
Weekly	0.6574	0.3426	0.7342	0.3559	0.5135
wifi-loc	0.9600	0.0200	0.9602	0.9467	0.0710
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.8824	0.0784	0.8695	0.7748	0.1669
winequality-red	0.5346	0.1551	0.2703	0.2798	0.4128
winequality-white	0.4949	0.1443	0.2760	0.2173	0.5033
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.0625	0.1250	0.0444	-0.0169	0.3132
yeast	0.4459	0.1108	0.2422	0.3088	0.3852

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053
zip	0.9043	0.0191	0.8986	0.8928	0.1407

Table 448: Detailed results for RQDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9694	0.0306	0.6889	0.3573	0.5538
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.7200	0.2800	0.7428	0.4400	0.6658
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.3974	0.6026	0.2844	0.0000	0.5233
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.4839	0.3441	0.5615	0.1055	0.6676
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.8905	0.1095	0.8926	0.7743	0.3954
bankruptcy	0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8943	0.7809	0.2098
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	0.5714	0.4286	0.5795	0.1525	0.9084
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.2727	0.2424	0.0714	0.0000	0.3750
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.7000	0.3000	0.4118	0.0000	0.4416
caesarian	0.3750	0.6250	0.2727	0.0000	0.5170
cancer	0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp	0.1361	0.5759	0.0799	0.0000	0.2637
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.6250	0.2500	0.2564	0.0000	0.3255
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.0011	0.9989	0.0011	0.0000	0.0030
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.9660	0.0007	0.9703	0.9657	0.0106
cirrhosis	0.3810	0.4127	0.1839	0.0000	0.3169
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.7662	0.2338	0.7656	0.5000	0.6651
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.7742	0.1505	0.7007	0.6353	0.2946
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.4952	0.5048	0.3312	0.0000	0.5289
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8747	0.0418	0.7500	0.7350	0.3328
cryotherapy	0.4444	0.5556	0.3077	0.0000	0.5302
cultivars	0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.9043	0.0957	0.8042	0.5908	0.4870
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.2973	0.2342	0.0764	0.0000	0.3667
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.9667	0.0167	0.9629	0.9538	0.0561
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.3228	0.4515	0.1627	0.0000	0.3888
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.1277	0.2492	0.0323	0.0000	0.3211
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.1223	0.2508	0.0311	0.0000	0.3189
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2181	0.2234	0.0512	0.0000	0.3777
drug-07	0.3617	0.2128	0.0885	0.0000	0.2699
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1596	0.1142	0.0000	0.2921
drug-17	0.1064	0.2553	0.0275	0.0000	0.3792
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.8839	0.0332	0.8976	0.8599	0.1656
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM	0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU	0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM	0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.7877	0.2123	0.7867	0.5729	0.6874
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6667	0.3333	0.6862	0.3496	0.7944
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.2500	0.2500	0.0667	0.0000	0.3665
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.6923	0.1538	0.7146	0.5840	0.3078
gas	0.1711	0.2763	0.1729	0.0063	0.8897
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.2524	0.4984	0.1343	0.0000	0.4017
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.3810	0.2063	0.0920	0.0000	0.3180
glass-g2	0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP	0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP	0.3333	0.6667	0.2500	0.0000	0.5000
glassContainers	0.0909	0.9091	0.0833	0.0000	0.2192
glassNW	0.7619	0.2381	0.4324	0.0000	0.3902
glassTableware	0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP	0.0476	0.9524	0.0455	0.0000	0.1250
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.5833	0.4167	0.3684	0.0000	0.5068
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.6050	0.1580	0.6296	0.5063	0.4978
har70	0.0899	0.2600	0.0236	0.0000	0.3023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har701%	0.7819	0.0623	0.4759	0.6661	0.4107
har7010%	0.7922	0.0594	0.4991	0.6902	0.3641
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6519	0.0580	0.4843	0.5613	0.4107
harth10%	0.6490	0.0585	0.4804	0.5586	0.4239
hayes-roth	0.4375	0.3750	0.2029	0.0000	0.3849
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.5926	0.4074	0.3721	0.0000	0.5031
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%	0.7009	0.2991	0.7080	0.4029	0.7852
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.2308	0.7692	0.1875	0.0000	0.4238
higgs0.1%	0.5582	0.4418	0.5598	0.1189	0.9573
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5524	0.2984	0.5749	0.3167	0.6218
htru2	0.8620	0.1380	0.7660	0.4693	0.5743
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.2222	0.7778	0.1818	0.0000	0.4150
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.3143	0.6857	0.2391	0.0000	0.4897
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.8886	0.0248	0.8942	0.8736	0.1384
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.0294	0.0844	0.0025	0.0000	0.4116
led24	0.0500	0.2111	0.0106	0.0000	0.4127
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.0833	0.1222	0.0103	0.0000	0.4070
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.3770	0.6230	0.2738	0.0000	0.5177
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.0943	0.2588	0.0246	0.0000	0.3411
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.4444	0.5556	0.3077	0.0000	0.5302
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.5851	0.4149	0.3691	0.0000	0.5062
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7070	0.2930	0.7290	0.4266	0.7208
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.4688	0.5312	0.3191	0.0000	0.5307
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.2673	0.4884	0.1406	0.0000	0.4218
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.4348	0.5652	0.3030	0.0000	0.5294
meter-A	0.3750	0.6250	0.2727	0.0000	0.5170
meter-B	0.2222	0.5185	0.1212	0.0000	0.4199
meter-C	0.3333	0.3333	0.1250	0.0000	0.3773
meter-D	0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.7850	0.0430	0.7836	0.7611	0.1765
mfeat-kar	0.8900	0.0220	0.9028	0.8778	0.1168
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.7300	0.0540	0.7399	0.7000	0.2086
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.2358	0.5094	0.1272	0.0000	0.4229
mines	0.5588	0.1765	0.5681	0.4432	0.3902
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.4909	0.5091	0.3293	0.0000	0.5293
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.8414	0.1586	0.4569	0.0000	0.3047
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.2917	0.4722	0.1505	0.0000	0.3860
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.4630	0.2685	0.1582	0.0000	0.3435
occupancy	0.8541	0.1459	0.8529	0.6636	0.4941
Occupancy_Estimation	0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.0877	0.2027	0.0179	0.0000	0.3712
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.0887	0.9113	0.0814	0.0000	0.2147
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.4083	0.5917	0.2899	0.0000	0.5256
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9279	0.0721	0.4813	0.0000	0.1773

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.1028	0.1794	0.0186	0.0000	0.4062
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1413	0.2453	0.0354	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7352	0.2648	0.7459	0.4546	0.6817
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.3947	0.6053	0.2830	0.0000	0.5226
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.6600	0.3400	0.6631	0.3213	0.8519
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.6111	0.3889	0.4834	-0.0328	0.9365
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.1799	0.8201	0.5085	0.0024	0.1492
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.5441	0.4559	0.5443	0.0882	0.9709
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.4996	0.5004	0.3331	0.0000	0.5284
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.8779	0.1221	0.7821	0.5102	0.5772
raisin	0.9111	0.0889	0.9111	0.8222	0.3993
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9769	0.0231	0.9770	0.9532	0.1263
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rocket	0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.7776	0.0741	0.7463	0.7264	0.2809
satimageF	0.9860	0.0140	0.9647	0.9292	0.2145
satimageT	0.8849	0.1151	0.6421	0.2780	0.6831
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.8571	0.0952	0.8780	0.7857	0.2113
segment	0.1472	0.2437	0.0367	0.0000	0.4017
segmentation	0.8218	0.1782	0.8317	0.6405	0.5663
segmentO	0.1472	0.8528	0.1283	0.0000	0.3180
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.7234	0.0503	0.7551	0.6958	0.2382
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin	0.8156	0.1844	0.8199	0.5779	0.5232
skin10%	0.8007	0.1993	0.8104	0.5529	0.5268
smarket	0.9040	0.0960	0.9039	0.8079	0.4207
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.3957	0.6043	0.2835	0.0000	0.5229
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.3700	0.6300	0.2701	0.0000	0.5154
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.0821	0.9179	0.0758	0.0000	0.2013
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stellar	0.8429	0.1047	0.8351	0.7319	0.3152
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.3348	0.4435	0.1672	0.0000	0.4165
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.6858	0.3142	0.7064	0.3859	0.7621
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.3227	0.6773	0.2440	0.0000	0.4945
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6670	0.3307	0.8305
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.6500	0.1750	0.6754	0.5333	0.3712
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.5279	0.4721	0.5504	0.0248	0.1959
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.2500	0.3750	0.1000	0.0000	0.3964
vehicleVAN	0.9524	0.0476	0.9365	0.8730	0.3040
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.4884	0.5116	0.3281	0.0000	0.5296
vowel	0.3434	0.1194	0.3880	0.2778	0.3434
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8200	0.1200	0.8203	0.7301	0.4005
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.0741	0.6173	0.0460	0.0000	0.3984
Weekly	0.8241	0.1759	0.8275	0.6338	0.5407
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.8903	0.1097	0.7734	0.4322	0.4882
wine	0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red	0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white	0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9123	0.0877	0.9170	0.8204	0.3439
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2	0.0473	0.9527	0.0452	0.0000	0.1242
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 449: Detailed results for RQLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0723	0.0884	0.0539	-0.0105	0.6274
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.8780	0.1220	0.7054	0.2050	0.2594
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8263	0.1737	0.7478	0.3904	0.4223
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7143	0.1143	0.3822	0.0990	0.2053
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7907	0.2093	0.7776	0.4747	0.4551
anneal	0.8764	0.0494	0.6604	0.7215	0.1829
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8359	0.0821	0.5507	0.6846	0.2151
anuran-genus	0.7691	0.0577	0.4754	0.6023	0.2196
anuran-species	0.6958	0.0608	0.5206	0.5696	0.1567
anxiety	0.1417	0.1907	0.1320	0.0323	0.7754
apple-quality	0.8825	0.1175	0.8829	0.7650	0.4769
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia	0.6222	0.0581	0.2113	0.2418	0.2030
auction	0.8824	0.1176	0.6849	0.1270	0.2517

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.7727	0.0413	0.8560	0.7304	0.0928
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.8966	0.1034	0.9058	0.7943	0.3261
autos	0.5500	0.1500	0.4148	0.3857	0.3020
avila	0.4130	0.0978	0.1541	0.0065	0.3066
babies	0.3468	0.1866	0.1690	0.0971	0.7958
balance	0.8871	0.0753	0.6114	0.7877	0.2090
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8940	0.1060	0.8888	0.7556	0.3108
basehock	0.6131	0.3869	0.6863	0.2231	0.5134
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9938	0.0062	0.7876	0.5236	0.2471
biodeg	0.7619	0.2381	0.7419	0.4560	0.6789
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.8182	0.0606	0.7500	0.7732	0.0943
bridges	0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7816	0.1092	0.5870	0.4352	0.4060
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7136	0.0573	0.5952	0.6488	0.2448
cardiotocography-nsp	0.8779	0.0814	0.7730	0.5883	0.2120
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6528	0.4444	0.2846
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.7296	0.2704	0.7271	0.4536	0.7807
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.7831	0.2169	0.7814	0.5607	0.6909
cas_N6512_rdkit_FEATMORGAN	0.5515	0.4485	0.6169	0.0287	0.5192
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.6979	0.3021	0.6948	0.3853	0.8166
cas_N6512_rdkit_LAYERED	0.6585	0.3415	0.6743	0.2828	0.7138
cas_N6512_RDkit_Layered_FP	0.7316	0.2684	0.7361	0.4665	0.7610
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.7231	0.2769	0.7205	0.4378	0.7846
cas_N6512_RDkit_pattern_FP	0.7285	0.2715	0.7426	0.4656	0.7253
cas_N6512_rdkit_RDKITFP	0.7127	0.2873	0.7169	0.4075	0.7408
cas_N6512_rdkit_TORSION	0.5585	0.4415	0.5655	0.0523	0.6877
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6842	0.3158	0.6572	0.2192	0.6561
circles	0.1120	0.0178	0.0587	0.1030	0.2274
cirrhosis	0.6905	0.2063	0.4569	0.3592	0.4339
cjs	0.9571	0.0143	0.9454	0.9476	0.0330
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8139	0.0931	0.5910	0.7153	0.2817
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4830	0.3447	0.4611	0.1724	0.7171
cnae-9	0.8796	0.0267	0.8869	0.8646	0.1156
codon_usage	0.3599	0.1164	0.2294	0.2490	0.3381
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.4000	0.0800	0.3309	0.3433	0.2837
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.7586	0.2414	0.7424	0.3596	0.4176
colposcopies-2	0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.7419	0.1720	0.6525	0.5739	0.3295
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7788	0.2212	0.7788	0.5577	0.7026
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.4375	0.0281	0.2815	0.4205	0.0947
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1667	0.2778	0.1111	-0.0008	0.6284
cyclopentane	0.7037	0.2963	0.7072	0.4098	0.8027
cylinder-bands	0.7037	0.2963	0.7303	0.3344	0.4688
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
day1%	0.3581	0.6419	0.2637	0.0000	0.5110
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.5000	0.0000	0.6840
df_final	0.5625	0.2917	0.4290	0.3000	0.5195
DIA	0.8000	0.2000	0.7183	0.2727	0.3632
diabetes	0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8833	0.0583	0.7045	0.8347	0.0910
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.5000	0.5000	0.4203	-0.1250	0.9838
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7449	0.1701	0.6518	0.5416	0.3335
drug-01	0.2713	0.2082	0.1736	0.0441	0.8766
drug-02	0.5160	0.1383	0.2784	0.1561	0.6922
drug-03	0.6862	0.0897	0.1825	0.0121	0.2682
drug-04	0.5372	0.1322	0.2467	0.1775	0.6279
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.2500	0.2143	0.1638	0.0908	0.8205
drug-07	0.4149	0.1672	0.1962	0.0909	0.7309
drug-08	0.5691	0.1231	0.2301	0.1415	0.4680
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5585	0.1261	0.2016	0.1594	0.5010
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5957	0.1155	0.2095	0.1364	0.5166
drug-14	0.5532	0.1277	0.2156	0.1248	0.6556
drug-15	0.7340	0.0760	0.1515	0.0279	0.5815
drug-16	0.5426	0.1307	0.1985	0.1523	0.4023
drug-17	0.2872	0.2036	0.1843	0.0715	0.7900
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0053	0.2842
drybean	0.4842	0.1474	0.5925	0.3862	0.2598
ecoli	0.9118	0.0221	0.5847	0.8762	0.0468
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8254	0.6393	0.5094
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.2506	0.0012	0.8484
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.1540	0.1058	0.1449	0.0807	0.5664
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5753	0.1699	0.5343	0.4383	0.4100
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.6951	0.0359	0.6025	0.6518	0.2403
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5882	0.4118	0.5745	0.1314	0.8944
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9038	0.0481	0.9003	0.8672	0.1365
gas	0.3221	0.2260	0.4428	0.2069	0.3480
gastrointestinal	0.6875	0.2083	0.5017	0.4521	0.4318
gender	0.5937	0.2709	0.3688	0.1095	0.5083
gene	0.9401	0.0400	0.9342	0.9044	0.1918
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9481	0.0519	0.9481	0.8962	0.2726
gisette	0.9643	0.0357	0.9643	0.9286	0.2074
glass	0.7619	0.0794	0.5585	0.6465	0.1763
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.3832	0.0506	0.5772
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.6667	0.3333	0.4000	-0.1194	0.8874
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7000	0.0857	0.3229	0.5032	0.1545
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.4923	0.0846	0.1752	0.1074	0.2545
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.5000	0.3333	0.5746	0.2000	0.5045
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure	0.9300	0.0700	0.9177	0.8332	0.3355
heart-quantum	0.9000	0.1000	0.8953	0.7899	0.4335
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6609	0.3391	0.6585	0.3162	0.8679
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.1429	0.2143	0.1215	-0.0182	0.3946
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5000	0.3333	0.2308	-0.0189	0.5123
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9503	0.0497	0.8332	0.6077	0.1711
hypothyroid	0.9284	0.0358	0.4291	0.3422	0.0818
hypothyroidT	0.9337	0.0663	0.7163	0.2280	0.1682
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.5379	0.0355	0.5029	0.5194	0.2113
jm1	0.8108	0.1892	0.6357	0.0431	0.3763
jvowels	0.3775	0.1383	0.3510	0.2695	0.3345
kc1	0.8815	0.1185	0.7476	0.3506	0.2579
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6501	0.2145	0.6041
kdc-4007	0.3466	0.1867	0.4090	0.2319	0.3905
kddcup981%	0.9053	0.0947	0.4751	-0.0491	0.6630
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.1626	0.0930	0.0157	0.0003	0.3512

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krvskp	0.9185	0.0815	0.9190	0.8370	0.3717
la1s-wc	0.7238	0.0921	0.6998	0.6413	0.2958
la2s-wc	0.7616	0.0795	0.7357	0.6967	0.2992
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5882	0.0358	0.5073	0.5677	0.1134
led24	0.7000	0.0600	0.6329	0.6562	0.1482
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.4690	0.0408	0.5092	0.4481	0.3271
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.7778	0.0296	0.7722	0.7614	0.0938
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7353	0.2647	0.7051	0.4093	0.7890
loan	0.8923	0.1077	0.8857	0.7619	0.4050
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8113	0.0377	0.4292	0.7321	0.1152
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.4500	0.7083	0.1472
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.6000	0.4000	0.6000	0.2000	0.9285
magic04	0.6733	0.3267	0.6515	0.0894	0.4654
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6436	0.2376	0.6438	0.4502	0.5228
math	0.6750	0.1625	0.3743	0.4561	0.3205
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.7500	0.1250	0.8077	0.6667	0.1805
mental-health	0.1900	0.3240	0.2036	-0.0131	0.7527
messidor	0.6261	0.3739	0.6400	0.2680	0.8624
meter-A	0.2500	0.7500	0.2667	-0.4118	1.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.8860	0.7712	0.1700
meter-D	0.7778	0.1111	0.8182	0.7012	0.2217
mfeat-fac	0.9950	0.0010	0.9951	0.9944	0.0063
mfeat-fou	0.7450	0.0510	0.7341	0.7167	0.2099
mfeat-kar	0.9700	0.0060	0.9714	0.9667	0.0378
mfeat-mor	0.6100	0.0780	0.6110	0.5667	0.2219
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.7550	0.0490	0.7177	0.7278	0.1886
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9434	0.0377	0.9442	0.9137	0.1404
mines	0.3824	0.2471	0.4643	0.2214	0.4585
mobile	0.5559	0.0159	0.5759	0.5478	0.1791
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.6557	0.3443	0.5437	0.0288	0.6628
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8844	0.1156	0.8942	0.7665	0.3330
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9318	0.0682	0.8614	0.6817	0.1818
MUT_ci300400a_cdk_ECFP2	0.6583	0.3417	0.6413	0.2359	0.7786
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.6814	0.3186	0.6712	0.2902	0.7374
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.4659	0.5341	0.5885	0.0660	0.6194
MUT_ci300400a_rdkit_descriptors	0.8183	0.1817	0.8131	0.6249	0.6292
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9207	0.0793	0.8388	0.6375	0.2980
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5139	0.3241	0.3372	0.0311	0.5435
nursery	0.7809	0.1096	0.6212	0.6736	0.1476
obesity	0.5355	0.1327	0.5566	0.4588	0.3316
obs	0.7870	0.1065	0.8072	0.6787	0.2911
occupancy	0.9689	0.0311	0.9576	0.9144	0.2518
Occupancy_Estimation	0.8638	0.0681	0.5185	0.4172	0.1759
oh0-wc	0.8020	0.0396	0.7859	0.7710	0.1697
oh10-wc	0.6762	0.0648	0.6227	0.6294	0.2849
oh15-wc	0.7717	0.0457	0.7531	0.7376	0.1676
oh5-wc	0.8571	0.0286	0.8498	0.8385	0.1281
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9123	0.0195	0.8353	0.8898	0.0492
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9786	0.0043	0.9801	0.9763	0.0305
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.8750	0.0063	0.8426	0.8718	0.0210
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8093	0.1907	0.7806	0.5360	0.6003
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8809	0.7481	0.4435
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9397	0.0241	0.6203	0.5467	0.1463
parkinson	0.9333	0.0667	0.9312	0.8603	0.3074
parkinsons	0.7725	0.2275	0.7549	0.4760	0.6415
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.7200	0.2800	0.6334	0.0039	0.4265
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia	0.5882	0.1176	0.5347	0.4979	0.3729
pendigits	0.7716	0.0457	0.7837	0.7469	0.1505
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
persistency	0.7697	0.2303	0.7475	0.4813	0.7017
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.7350	0.2650	0.7114	0.4208	0.7826
phishing	0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1531	0.2420	0.0379	0.0000	0.4011
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1608	0.2398	0.1300	0.0018	0.4007
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8111	0.1889	0.7807	0.5576	0.6762
phy	0.5578	0.4422	0.5716	0.1126	0.8547
pima	0.6447	0.3553	0.6077	0.1535	0.7594
pirvision	0.8354	0.1097	0.4959	0.1669	0.1903
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4351	0.1614	0.1490	0.0154	0.2379
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
polya	0.7968	0.2032	0.7720	0.5294	0.6518
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.5882	0.4118	0.6107	0.1765	0.8100
prestige	0.8889	0.0741	0.8805	0.8200	0.1174
primary-tumor	0.3030	0.1072	0.2057	0.1917	0.3677
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.7143	0.2857	0.7407	0.3636	0.4644
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.4774	0.2091	0.4415	0.2839	0.3084
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4929	0.5071	0.4922	-0.0145	0.9806
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8778	0.1222	0.8824	0.7556	0.4478

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
re0-wc	0.7333	0.0410	0.5935	0.6367	0.2962
re1-wc	0.6627	0.0270	0.4770	0.6161	0.2533
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6357	0.3643	0.6396	0.2735	0.8719
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.4666	0.1778	0.3917	0.3169	0.2891
satimageF	0.9736	0.0264	0.9288	0.8496	0.1409
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.5714	0.1714	0.3556	0.3438	0.2054
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.5000	0.0000	0.9694
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8701	0.0371	0.8846	0.8483	0.1223
segmentation	0.8317	0.1683	0.8127	0.6214	0.6065
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.8720	0.1280	0.8811	0.7425	0.4051
smart-farming	0.2400	0.3800	0.2467	-0.0011	0.7960
smk_can_187	0.6316	0.3684	0.6315	0.2486	0.8662
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1867	0.3253	0.1651	-0.0191	0.7971
solar-flare	0.7338	0.0887	0.5729	0.6581	0.2529
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.8971	0.0108	0.8632	0.8867	0.0537
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8739	0.1261	0.8725	0.7232	0.3910
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.4231	0.0427	0.2988	0.3868	0.1939
splice-EI	0.9621	0.0379	0.9495	0.8988	0.2472
splice-IE	0.9180	0.0820	0.8827	0.7620	0.4101
sport-articles	0.8500	0.1500	0.8368	0.6652	0.5402
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8564	0.1436	0.7698	0.5343	0.6257

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9795	0.0205	0.9683	0.9347	0.0802
steel-o	0.7692	0.2308	0.7353	0.4361	0.6635
steel-p	0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9590	0.0410	0.8893	0.7772	0.4339
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8472	0.1528	0.6947	0.2626	0.4522
stockb	0.8722	0.0852	0.8825	0.8085	0.1786
streaming	0.8840	0.1160	0.8843	0.7670	0.4741
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3400	0.2640	0.2353	0.0075	0.7075
student-weekend	0.3385	0.2646	0.2564	0.0975	0.7171
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.4579	0.1415	0.3664
susy1%	0.5522	0.4478	0.6024	0.0245	0.5375
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5755	0.3000	0.5012
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.8236	0.0321	0.7475	0.8055	0.1112
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.7761	0.2239	0.6751	0.1310	0.3816
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.8293	0.0379	0.7544	0.7860	0.1294
trec12-wc	0.8710	0.0323	0.8891	0.8422	0.0810
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.7619	0.0794	0.5817	0.6341	0.1780
trec31-wc	0.8172	0.0609	0.8218	0.7410	0.1375
trec41-wc	0.7614	0.0477	0.5142	0.7029	0.1583
trec45-wc	0.8406	0.0319	0.6973	0.8117	0.1128
tuandromd	0.9686	0.0314	0.9522	0.9042	0.2634
turkish	0.8500	0.0750	0.8510	0.8000	0.1819
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8846	0.1154	0.8757	0.7423	0.4345
tvnews10%	0.6469	0.3531	0.5936	0.0622	0.6023
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7761	0.0498	0.8048	0.7369	0.1515
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.6786	0.1607	0.6307	0.5650	0.3137

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5152	0.0882	0.5339	0.4667	0.2507
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.6346	0.0365	0.4725	0.5716	0.1942
warpar10p	0.6154	0.0769	0.5739	0.5695	0.1275
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.1819	0.2338	0.1334	0.0039	0.4308
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2767	0.3617	0.2789	0.0375	0.8245
waveform	0.8320	0.1120	0.8335	0.7481	0.3730
weather-related	0.8923	0.0196	0.9109	0.8788	0.0995
web-phishing	0.8000	0.1333	0.5508	0.6227	0.3366
Weekly	0.9630	0.0370	0.9635	0.9244	0.1598
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5849	0.1384	0.2752	0.3050	0.3639
winequality-white	0.4765	0.1496	0.2300	0.1645	0.7472
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.5625	0.0583	0.4982	0.5314	0.1120
yeast	0.5135	0.0973	0.2800	0.3838	0.4989
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 450: Detailed results for RQLSVC(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1542	0.0806	0.0615	0.0506	0.4453
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.8780	0.1220	0.7054	0.2050	0.2594
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8263	0.1737	0.7478	0.3904	0.4223
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7907	0.2093	0.7776	0.4747	0.4551
anneal	0.8539	0.0584	0.5314	0.6602	0.2066
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9346	0.0327	0.7033	0.8721	0.1111
anuran-genus	0.9777	0.0056	0.9520	0.9632	0.0359
anuran-species	0.9778	0.0044	0.9585	0.9689	0.0299
anxiety	0.1250	0.1944	0.1094	0.0127	0.7412
apple-quality	0.8825	0.1175	0.8829	0.7650	0.4769
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia	0.5778	0.0650	0.1365	0.1167	0.2164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.8824	0.1176	0.6849	0.1270	0.2517
audiology	0.8636	0.0248	0.8413	0.8370	0.0659
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.8966	0.1034	0.9058	0.7943	0.3261
autos	0.6000	0.1333	0.3787	0.4366	0.2454
avila	0.4346	0.0942	0.1997	0.1027	0.3671
babies	0.4274	0.1636	0.1399	0.0907	0.4148
balance	0.8871	0.0753	0.6114	0.7877	0.2090
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8940	0.1060	0.8888	0.7556	0.3108
basehock	0.6131	0.3869	0.6863	0.2231	0.5134
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9938	0.0062	0.7876	0.5236	0.2471
biodeg	0.7619	0.2381	0.7419	0.4560	0.6789
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.7273	0.0909	0.7015	0.6765	0.1388
bridges	0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7471	0.1264	0.3997	0.5223	0.2526
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7653	0.0469	0.6247	0.7121	0.1891
cardiotocography-nsp	0.8685	0.0876	0.7325	0.5560	0.2222
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6399	0.5560	0.4547
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.7296	0.2704	0.7271	0.4536	0.7807
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.7831	0.2169	0.7814	0.5607	0.6909
cas_N6512_rdkit_FEATMORGAN	0.5515	0.4485	0.6169	0.0287	0.5192
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.6979	0.3021	0.6948	0.3853	0.8166
cas_N6512_rdkit_LAYERED	0.5785	0.4215	0.6207	0.0946	0.5905
cas_N6512_RDkit_Layered_FP	0.7316	0.2684	0.7361	0.4665	0.7610
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.7354	0.2646	0.7331	0.4625	0.7652
cas_N6512_RDkit_pattern_FP	0.7285	0.2715	0.7426	0.4656	0.7253
cas_N6512_rdkit_RDKITFP	0.7312	0.2688	0.7453	0.4707	0.7205
cas_N6512_rdkit_TORSION	0.5723	0.4277	0.5749	0.0892	0.7616
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6842	0.3158	0.6572	0.2192	0.6561
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6667	0.2222	0.4397	0.3163	0.4597
cjs	0.9607	0.0131	0.9513	0.9520	0.0631
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8074	0.0963	0.5640	0.6926	0.2983
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5374	0.3084	0.5134	0.2619	0.6979
cnae-9	0.6574	0.0761	0.7078	0.6146	0.2337
codon_usage	0.9156	0.0153	0.7209	0.8967	0.1110
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.5000	0.0667	0.2249	0.4357	0.1589
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.7586	0.2414	0.7424	0.3596	0.4176
colposcopies-2	0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.7419	0.1720	0.6525	0.5739	0.3295
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7788	0.2212	0.7788	0.5577	0.7026
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.4761	0.1497	0.0922	0.0000	0.2297

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.2812	0.0359	0.1942	0.2625	0.1061
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1700	0.2767	0.1226	-0.0075	0.5927
cyclopentane	0.7037	0.2963	0.7072	0.4098	0.8027
cylinder-bands	0.7037	0.2963	0.7303	0.3344	0.4688
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.5000	0.0000	0.6840
df_final	0.5000	0.3333	0.3810	0.2000	0.5537
DIA	0.8000	0.2000	0.7183	0.2727	0.3632
diabetes	0.8462	0.1538	0.8477	0.6867	0.5555
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9667	0.0167	0.9499	0.9537	0.0444
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.5000	0.5000	0.4203	-0.1250	0.9838
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7246	0.1836	0.6182	0.5061	0.4084
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.4309	0.1626	0.1922	0.2612	0.3834
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5638	0.1246	0.1628	0.1039	0.3296
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5957	0.1155	0.1582	0.1599	0.3394
drug-14	0.5798	0.1201	0.2178	0.1836	0.3459
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5745	0.1216	0.1765	0.2400	0.3222
drug-17	0.3670	0.1809	0.1314	0.1080	0.4321
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0053	0.2842
drybean	0.9265	0.0210	0.9385	0.9109	0.1155
ecoli	0.8824	0.0294	0.5623	0.8343	0.0566
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8254	0.6393	0.5094
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.2529	-0.0051	0.8009
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.5507	0.4493	0.5125	0.0003	0.5317
eeg10%	0.3333	0.0833	0.2808	0.2450	0.4460
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5753	0.1699	0.4752	0.4411	0.4106
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.5000	0.0588	0.2146	0.3906	0.2700
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5882	0.4118	0.5745	0.1314	0.8944
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.9698	0.0101	0.9679	0.9633	0.0555
gastrointestinal	0.7500	0.1667	0.7425	0.5676	0.3678
gender	0.5811	0.2793	0.3351	0.0177	0.4595
gene	0.9306	0.0463	0.9250	0.8898	0.2099
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.9481	0.0519	0.9481	0.8962	0.2726
gisette	0.9643	0.0357	0.9643	0.9286	0.2074
glass	0.7619	0.0794	0.5540	0.6477	0.1753
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.2651	0.0683	0.5039
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.6667	0.3333	0.4000	-0.1194	0.8874
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.2844	0.2862	0.0886	0.0000	0.3861

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.6040	0.1131	0.4520	0.4903	0.1518
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth1%	0.4885	0.0853	0.1705	0.0975	0.2544
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.5000	0.3333	0.5721	0.1950	0.5024
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure	0.9300	0.0700	0.9177	0.8332	0.3355
heart-quantum	0.9000	0.1000	0.8953	0.7899	0.4335
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6609	0.3391	0.6585	0.3162	0.8679
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.0500	0.0065	0.3550
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.4358	0.2174	0.3601
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.3531	0.4313	0.4927	0.0713	0.4411
htru2	0.9503	0.0497	0.8332	0.6077	0.1711
hypothyroid	0.9310	0.0345	0.4432	0.3799	0.0785
hypothyroidT	0.9337	0.0663	0.7163	0.2280	0.1682
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.9551	0.0035	0.9561	0.9533	0.0418
jm1	0.8108	0.1892	0.6357	0.0431	0.3763
jvowels	0.9809	0.0042	0.9802	0.9784	0.0320
kc1	0.8815	0.1185	0.7476	0.3506	0.2579
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6501	0.2145	0.6041
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.6526	0.3474	0.5734	0.0684	0.3459
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.4766	0.0582	0.3361	0.4107	0.4125

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krvskp	0.9185	0.0815	0.9190	0.8370	0.3717
la1s-wc	0.3460	0.2180	0.2103	0.1726	0.5203
la2s-wc	0.4205	0.1932	0.2826	0.2064	0.4205
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6176	0.0332	0.5834	0.5985	0.0907
led24	0.5500	0.0900	0.4494	0.4944	0.2033
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9200	0.0062	0.9219	0.9168	0.0808
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8611	0.0185	0.8500	0.8507	0.0641
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7353	0.2647	0.7051	0.4093	0.7890
loan	0.8923	0.1077	0.8857	0.7619	0.4050
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.4824	0.0941	0.1447	0.2928	0.3705
lrs	0.8302	0.0340	0.4362	0.7617	0.1090
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.6000	0.4000	0.6000	0.2000	0.9285
magic04	0.6733	0.3267	0.6515	0.0894	0.4654
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6535	0.2310	0.6540	0.4650	0.5083
math	0.7000	0.1500	0.3886	0.4990	0.2977
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1933	0.3227	0.1547	-0.0129	0.5718
messidor	0.6261	0.3739	0.6400	0.2680	0.8624
meter-A	0.2500	0.7500	0.2667	-0.4118	1.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.4444	0.2778	0.5662	0.2500	0.2753
meter-D	0.5556	0.2222	0.4607	0.3766	0.3163
mfeat-fac	0.9950	0.0010	0.9951	0.9944	0.0063
mfeat-fou	0.8250	0.0350	0.8299	0.8056	0.1404
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7100	0.0580	0.7034	0.6778	0.2004
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8550	0.0290	0.8527	0.8389	0.0831
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9057	0.0629	0.9036	0.8555	0.2117
mines	0.5000	0.2000	0.4451	0.3745	0.3873
mobile	0.8706	0.0046	0.8770	0.8683	0.0580
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.6557	0.3443	0.5437	0.0288	0.6628
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8844	0.1156	0.8942	0.7665	0.3330
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9318	0.0682	0.8614	0.6817	0.1818
MUT_ci300400a_cdk_ECFP2	0.6511	0.3489	0.7055	0.3463	0.6864
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.6814	0.3186	0.6712	0.2902	0.7374
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5899	0.4101	0.6199	0.0200	0.5054
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.4659	0.5341	0.5885	0.0660	0.6194
MUT_ci300400a_rdkit_descriptors	0.8183	0.1817	0.8131	0.6249	0.6292
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.9207	0.0793	0.8388	0.6375	0.2980
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5139	0.3241	0.3224	0.0051	0.5194
nursery	0.9583	0.0208	0.7282	0.9383	0.0581
obesity	0.8436	0.0447	0.8414	0.8174	0.1719
obs	0.8056	0.0972	0.8426	0.7037	0.2513
occupancy	0.9689	0.0311	0.9576	0.9144	0.2518
Occupancy_Estimation	0.8993	0.0503	0.6141	0.6117	0.1422
oh0-wc	0.2277	0.1545	0.1209	0.0492	0.3684
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.3261	0.1348	0.1120	0.1842	0.3368
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.9123	0.0195	0.8353	0.8898	0.0492
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9786	0.0043	0.9806	0.9763	0.0285
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8093	0.1907	0.7806	0.5360	0.6003
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8809	0.7481	0.4435
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9598	0.0161	0.7665	0.7332	0.1140
parkinson	0.9333	0.0667	0.9312	0.8603	0.3074
parkinsons	0.7725	0.2275	0.7549	0.4760	0.6415
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7200	0.2800	0.6334	0.0039	0.4265
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia	0.6176	0.1092	0.5506	0.5268	0.3455
pendigits	0.9891	0.0022	0.9892	0.9879	0.0187
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
persistency	0.7697	0.2303	0.7475	0.4813	0.7017
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.7350	0.2650	0.7114	0.4208	0.7826
phishing	0.8980	0.1020	0.8923	0.7839	0.4406
PhiUSIIL	0.4281	0.5719	0.2998	0.0000	0.5287
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.7159	0.0812	0.6844	0.6669	0.2582
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.7071	0.0837	0.6845	0.6562	0.2966
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.8111	0.1889	0.7807	0.5576	0.6762
phy	0.5578	0.4422	0.5716	0.1126	0.8547
pima	0.6447	0.3553	0.6077	0.1535	0.7594
pirvision	0.8361	0.1093	0.4980	0.1723	0.1897
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th	0.9306	0.0694	0.5966	0.0403	0.2959
polya	0.7968	0.2032	0.7720	0.5294	0.6518
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.5882	0.4118	0.6107	0.1765	0.8100
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3939	0.0932	0.2652	0.3286	0.2495
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.7143	0.2857	0.7407	0.3636	0.4644
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.7170	0.1132	0.6716	0.6067	0.2697
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4929	0.5071	0.4922	-0.0145	0.9806
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
raisin	0.8778	0.1222	0.8824	0.7556	0.4478
re0-wc	0.4733	0.0810	0.1071	0.1425	0.2679
re1-wc	0.2651	0.0588	0.0442	0.0559	0.3269
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6357	0.3643	0.6396	0.2735	0.8719
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8507	0.0498	0.8294	0.8134	0.1718
satimageF	0.9736	0.0264	0.9288	0.8496	0.1409
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.5714	0.1714	0.4346	0.4474	0.2170
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.5000	0.0000	0.9694
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9134	0.0247	0.9226	0.8987	0.0940
segmentation	0.8317	0.1683	0.8127	0.6214	0.6065
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.8720	0.1280	0.8811	0.7425	0.4051
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6316	0.3684	0.6315	0.2486	0.8662
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2133	0.3147	0.1542	0.0144	0.6385
solar-flare	0.7266	0.0911	0.5635	0.6476	0.1990
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.9412	0.0062	0.9048	0.9352	0.0227
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8739	0.1261	0.8725	0.7232	0.3910
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.5000	0.0370	0.3554	0.4669	0.1611
splice-EI	0.9621	0.0379	0.9495	0.8988	0.2472
splice-IE	0.9180	0.0820	0.8827	0.7620	0.4101
sport-articles	0.8500	0.1500	0.8368	0.6652	0.5402
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8564	0.1436	0.7698	0.5343	0.6257
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9795	0.0205	0.9683	0.9347	0.0802
steel-o	0.7641	0.2359	0.7284	0.4257	0.6832
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9590	0.0410	0.8893	0.7772	0.4339
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8472	0.1528	0.6947	0.2626	0.4522
stockb	0.9868	0.0088	0.9870	0.9802	0.0366
streaming	0.8840	0.1160	0.8843	0.7670	0.4741
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4000	0.2400	0.1867	0.0406	0.4513
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.5522	0.4478	0.6024	0.0245	0.5375
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6082	0.4000	0.5332
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.9927	0.0013	0.9935	0.9920	0.0100
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7761	0.2239	0.6751	0.1310	0.3816
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3871	0.2043	0.1314	0.0490	0.4036
trec41-wc	0.3864	0.1227	0.1417	0.2211	0.3343
trec45-wc	0.2754	0.1449	0.0959	0.1009	0.3904
tuandromd	0.9686	0.0314	0.9522	0.9042	0.2634
turkish	0.8500	0.0750	0.8521	0.8000	0.1546
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.8846	0.1154	0.8757	0.7423	0.4345
tvnews10%	0.6469	0.3531	0.5936	0.0622	0.6023
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7910	0.0464	0.8164	0.7541	0.1492
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7500	0.1250	0.6857	0.6592	0.2314
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6364	0.0661	0.6733	0.6000	0.1923
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.3782	0.0622	0.1658	0.2732	0.2742
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.5363	0.1325	0.5302	0.4563	0.4820
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2333	0.3833	0.0959	-0.0138	0.4782
waveform	0.8300	0.1133	0.8314	0.7451	0.3743
weather-related	0.9135	0.0157	0.9252	0.9014	0.0855
web-phishing	0.8000	0.1333	0.5508	0.6227	0.3366
Weekly	0.9630	0.0370	0.9635	0.9244	0.1598
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0254
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5912	0.1363	0.2934	0.3088	0.3217
winequality-white	0.5174	0.1379	0.2106	0.1844	0.3608
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5203	0.0959	0.3458	0.3804	0.3493
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 451: Detailed results for RR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1679	0.0574	0.0564	0.0734	0.4113
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.8380	0.1620	0.7556	0.4930	0.6206
advanced-iot	0.9947	0.0018	0.9947	0.9936	0.0111
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.6587	0.3413	0.4891	-0.0150	0.5306
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7905	0.2095	0.5065	0.0086	0.7569
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7778	0.2222	0.6049	0.2044	0.7424
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.8252	0.1748	0.5561	0.0982	0.5898
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.4000	0.6000	0.3434	-0.3043	0.9574
AID644red	0.8000	0.2000	0.7619	0.4118	0.3750
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8263	0.1737	0.7454	0.4784	0.6580
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8699	0.1301	0.8673	0.7344	0.5151
alcohol	0.7524	0.0990	0.2574	0.3793	0.2199
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8419	0.1581	0.8245	0.6477	0.5939
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9068	0.0466	0.6252	0.8183	0.2179
anuran-genus	0.8957	0.0261	0.5995	0.8217	0.1664
anuran-species	0.9069	0.0186	0.6839	0.8679	0.0833
anxiety	0.0833	0.2037	0.0767	-0.0343	0.8156
apple-quality	0.7325	0.2675	0.7341	0.4650	0.7679
aps-failure	0.9884	0.0116	0.8057	0.5717	0.2633
arabidopsis	0.9920	0.0080	0.6663	0.0022	0.0321
arabidopsis0.1%	0.8912	0.1088	0.4712	-0.0165	0.1482
arabidopsis1%	0.9941	0.0059	0.7718	0.4098	0.0249
arabidopsis10%	0.9920	0.0080	0.6674	0.0072	0.0320

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.6889	0.0479	0.3110	0.4728	0.2200
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.8261	0.0145	0.3598	0.7987	0.0376
audit-risk	0.9359	0.0641	0.9354	0.8624	0.2175
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9429	0.0571	0.9278	0.8555	0.3348
autism-child	0.7931	0.2069	0.7967	0.5877	0.6595
autos	0.7500	0.0833	0.6061	0.6622	0.1975
avila	0.4844	0.0859	0.1849	0.1925	0.3086
babies	0.4355	0.1613	0.1826	0.1039	0.4016
balance	0.8871	0.0753	0.6111	0.7875	0.2104
bank	0.9075	0.0925	0.7266	0.4241	0.5497
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8940	0.1060	0.8868	0.7578	0.3593
basehock	0.8995	0.1005	0.8996	0.7990	0.4328
bio	0.9938	0.0062	0.7887	0.4745	0.0688
bio10%	0.9945	0.0055	0.8167	0.5975	0.2371
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9835	0.0013	0.0462	-0.0010	0.0502
bitcoin1%	0.9747	0.0122	0.0285	-0.0030	0.0185
bitcoin10%	0.9919	0.0018	0.0347	-0.0040	0.0240
body-perf	0.5373	0.2313	0.5446	0.3831	0.4656
bookings	0.9899	0.0068	0.6621	0.9784	0.0159
brain-tumor	0.5080	0.4920	0.5079	0.0159	0.9953
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.7407	0.7800	0.0723
bridges	0.8000	0.0571	0.5333	0.7143	0.0578
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4890	0.3407	0.2536	-0.0065	0.3863
car	0.8161	0.0920	0.3947	0.5820	0.2538
car-insurance	0.8280	0.1720	0.7952	0.5886	0.6381
card	0.8841	0.1159	0.8859	0.7665	0.4642
cardiotocography	0.6808	0.0639	0.4943	0.6071	0.2464
cardiotocography-nsp	0.8357	0.1095	0.6441	0.4715	0.4486
cardiovascular	0.6498	0.3502	0.6501	0.2995	0.8788
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5951	0.4643	0.4591
cas_N6512_cdk_ECFP2	0.7573	0.2427	0.7551	0.5095	0.7381
ccds1%	0.8187	0.1813	0.4737	-0.0337	0.3918
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8455	0.1030	0.4069	0.0734	0.2446
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.4871	-0.0029	0.2827
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9447	0.0553	0.7029	0.2726	0.3106
census10%	0.9482	0.0518	0.7040	0.2704	0.2954
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.6302	0.2561	0.6215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.7070	0.1465	0.5324	0.5403	0.2222
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8040	0.1960	0.6176	0.1391	0.5946
churn-bigml	0.8652	0.1348	0.6558	0.1810	0.4644
ci900367j_MACCS	0.7789	0.2211	0.7604	0.5173	0.7088
cirrhosis	0.7619	0.1587	0.5228	0.4976	0.3306
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7657	0.1171	0.4261	0.6105	0.2435
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.4616	0.1822	0.7359
cnae-9	0.9167	0.0185	0.9201	0.9062	0.0778
codon_usage	0.7897	0.0382	0.4129	0.7394	0.1959
coil20	0.9444	0.0056	0.9469	0.9415	0.0342
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.4200	0.0773	0.3459	0.3535	0.3144
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6207	0.3793	0.5902	0.1799	0.9066
colposcopies-2	0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3	0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4	0.6897	0.3103	0.5964	0.1920	0.8695
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7419	0.1720	0.6554	0.5702	0.3627
comedy_comparisons1%	0.5303	0.4697	0.5285	0.0567	0.9814
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7764	0.2236	0.7764	0.5529	0.7067
coupon	0.6814	0.3186	0.6718	0.3421	0.8468
covid19	0.5347	0.1329	0.2156	0.1577	0.3337
covtype	0.7004	0.0856	0.3998	0.5028	0.3427
covtype10%	0.6981	0.0863	0.4337	0.4986	0.3545
covtypeCD	0.9269	0.0731	0.8286	0.6201	0.3298
covtypeT	0.9364	0.0636	0.6772	0.2519	0.4098
creditcard_trans	0.9989	0.0011	0.8191	0.6048	0.2286
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8230	0.0590	0.3881	0.5751	0.2090
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1875	0.0406	0.0805	0.1663	0.1237
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.1636	-0.0119	0.8696
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.6481	0.3519	0.6383	0.2764	0.8859
darwin	0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1014	0.1797	0.1009	0.0013	0.9215
day1%	0.9663	0.0495	0.9781	0.9527	0.1632
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8017	0.1983	0.6567	0.1984	0.5500

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
defect	0.8488	0.1512	0.6726	0.0932	0.2972
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8976	0.1024	0.6969	0.3491	0.5570
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3639	0.1351	0.4618
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
diabetes	0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k	0.9370	0.0630	0.7616	0.3938	0.1927
diabetes-risk	0.8459	0.1541	0.7333	0.4105	0.5468
diabetic	0.5739	0.2840	0.4195	0.1597	0.5667
diabetic1%	0.4510	0.3660	0.4182	0.0891	0.7763
diabetic10%	0.5088	0.3274	0.3493	0.0646	0.6941
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.5627	0.1749	0.3795	0.3320	0.4002
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9130	0.0870	0.6741	0.2552	0.4630
dota2	0.5996	0.4004	0.5963	0.1910	0.9268
dota210%	0.5699	0.4301	0.5664	0.1320	0.9528
drebin	0.9674	0.0326	0.9649	0.9296	0.1902
dropout	0.7540	0.1640	0.6436	0.5729	0.4309
drug-01	0.4149	0.1672	0.2001	0.0637	0.4208
drug-02	0.5160	0.1383	0.1628	0.0899	0.4894
drug-03	0.6915	0.0881	0.1172	0.0096	0.1975
drug-04	0.5266	0.1353	0.1865	0.0668	0.3701
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2289	0.2682	0.3725
drug-07	0.4574	0.1550	0.1391	0.0690	0.3383
drug-08	0.5426	0.1307	0.1227	0.0473	0.3882
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5585	0.1261	0.1538	0.1375	0.3501
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1711	0.2148	0.3259
drug-14	0.5904	0.1170	0.2173	0.2142	0.3764
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5904	0.1170	0.2297	0.2623	0.3573
drug-17	0.3564	0.1839	0.1292	0.0963	0.4406
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9052	0.0271	0.9168	0.8853	0.1418
ecoli	0.8529	0.0368	0.4437	0.7901	0.0841
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2591	0.0132	0.8387
eeg	0.3355	0.0831	0.2875	0.2518	0.5600
eeg-eye	0.6088	0.3912	0.5972	0.1803	0.8923
eeg10%	0.3147	0.0857	0.2767	0.2305	0.5487

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5890	0.1644	0.5293	0.4586	0.4105
euthyroid	0.9146	0.0854	0.7101	0.2109	0.2020
exon.vs.intron-freq	0.8919	0.1081	0.8954	0.7847	0.4265
exon.vs.intron-freq10%	0.8872	0.1128	0.8900	0.7752	0.4467
fakenews	0.5400	0.4600	0.5399	0.0798	0.9753
farm-ads	0.8865	0.1135	0.8861	0.7711	0.4641
fbis-wc	0.5122	0.0574	0.5157	0.4517	0.4601
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk	0.6680	0.1107	0.3607	0.4136	0.2659
flags	0.5500	0.1125	0.2941	0.4118	0.3251
fonts	0.3245	0.0088	0.0410	0.2610	0.3443
fonts10%	0.3238	0.0088	0.0370	0.2607	0.3350
forest	0.8846	0.0577	0.8688	0.8388	0.1332
gas	0.9662	0.0113	0.9635	0.9590	0.0704
gastrointestinal	0.7500	0.1667	0.6808	0.5817	0.4216
gender	0.6000	0.2667	0.3792	0.1413	0.5118
gene	0.8959	0.0694	0.8838	0.8335	0.2758
german	0.7300	0.2700	0.6848	0.3317	0.7314
gestures	0.3313	0.3343	0.3293	0.1084	0.8094
gina	0.8473	0.1527	0.8486	0.6938	0.5535
gisette	0.9214	0.0786	0.9214	0.8429	0.3667
glass	0.6190	0.1270	0.4881	0.4362	0.2679
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.5278	0.2638	0.4580
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.9616	0.0064	0.8668	0.9545	0.0405
har	0.6988	0.1205	0.6901	0.6156	0.4346
har70	0.7475	0.0721	0.3809	0.5918	0.1844
har701%	0.7434	0.0733	0.3756	0.5846	0.1823
har7010%	0.7474	0.0722	0.3806	0.5918	0.1839
harth	0.6126	0.0646	0.2009	0.4180	0.2622
harth1%	0.6097	0.0651	0.1654	0.4125	0.2655
harth10%	0.6122	0.0646	0.1680	0.4177	0.2636
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.8340	0.1660	0.8040	0.6072	0.6275
heart-quantum	0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis	0.9333	0.0667	0.9148	0.8148	0.4011
hepmass	0.8351	0.1649	0.8351	0.6701	0.5936
hepmass1%	0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%	0.8352	0.1648	0.8352	0.6703	0.5934
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6555	0.3445	0.6527	0.3016	0.8677
higgs1%	0.6397	0.3603	0.6368	0.2664	0.8767
higgs10%	0.6405	0.3595	0.6379	0.2697	0.8781
higher	0.2857	0.1786	0.1829	0.1566	0.2633
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9039	0.0961	0.8142	0.6127	0.4789
hiva	0.9645	0.0355	0.6167	0.1102	0.3399
horse	0.6389	0.2407	0.6149	0.3641	0.5899
hotel-reservartions	0.8128	0.1872	0.7793	0.5491	0.6437
hr	0.8561	0.1439	0.4612	-0.0135	0.4899
ht-sensor	0.5529	0.2981	0.5546	0.3296	0.6811
ht-sensor10%	0.5334	0.3111	0.5349	0.3009	0.6990
htru2	0.9698	0.0302	0.9033	0.7900	0.1455
hypothyroid	0.9204	0.0398	0.3805	0.2188	0.0908
hypothyroidT	0.9310	0.0690	0.7021	0.1756	0.1727
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.8987	0.0507	0.9059	0.8649	0.1714
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	0.6667	0.2222	0.6139	0.4898	0.3083
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8909	0.0084	0.8939	0.8865	0.0946
jm1	0.8154	0.1846	0.6274	0.1190	0.5085
jvowels	0.8564	0.0319	0.8541	0.8369	0.1634
kc1	0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.7143	0.0238	0.1185	0.4563	0.0690
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.7132	0.0717	0.6421	0.6658	0.3267
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%	0.8220	0.1780	0.5460	0.0696	0.4915
kddcup99	0.9964	0.0003	0.3626	0.9939	0.0329
kddcup991%	0.9911	0.0014	0.7490	0.9849	0.0380
kddcup9910%	0.9905	0.0008	0.5109	0.9839	0.0582
kepler	0.8169	0.1220	0.7674	0.6964	0.2476
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.2684	0.0813	0.1166	0.1536	0.4663
krvskp	0.9404	0.0596	0.9409	0.8809	0.2973
la1s-wc	0.7524	0.0825	0.7502	0.6922	0.3890
la2s-wc	0.7781	0.0740	0.7660	0.7219	0.3465
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5000	0.0250	0.3083	0.4839	0.1014
led24	0.7500	0.0500	0.7059	0.7167	0.0949
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.5525	0.0344	0.5625	0.5343	0.3368
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.6944	0.0407	0.6940	0.6725	0.1287
linkage	0.9979	0.0021	0.8940	0.7708	0.4755
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9981	0.0019	0.9022	0.7868	0.4689
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9321	0.0679	0.9283	0.8563	0.3460

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
localization	0.3930	0.1104	0.1245	0.1429	0.4128
localization10%	0.3902	0.1109	0.1292	0.1422	0.4243
lrs	0.8113	0.0377	0.4181	0.7323	0.1216
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.9202	0.0428	0.7018	0.8742	0.1057
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5538	0.4462	0.5545	0.1077	0.9603
magic04	0.7754	0.2246	0.7437	0.4738	0.7012
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8334	0.6662	0.5966
marketing	0.8884	0.1116	0.7389	0.3971	0.4354
maternal	0.6238	0.2508	0.6252	0.4173	0.5520
math	0.7500	0.1250	0.7463	0.6040	0.2915
mba	0.8355	0.1097	0.3485	0.0075	0.2492
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2400	0.3040	0.2451	0.0483	0.8365
messidor	0.7130	0.2870	0.7222	0.4332	0.7707
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.5556	0.2222	0.3751	0.3600	0.3178
meter-D	0.7778	0.1111	0.6317	0.6828	0.2384
mfeat-fac	0.9750	0.0050	0.9754	0.9722	0.0289
mfeat-fou	0.7500	0.0500	0.7476	0.7222	0.2240
mfeat-kar	0.9300	0.0140	0.9317	0.9222	0.0857
mfeat-mor	0.6150	0.0770	0.6065	0.5722	0.2278
mfeat-pix	0.9500	0.0100	0.9507	0.9444	0.0604
mfeat-zer	0.7850	0.0430	0.7806	0.7611	0.1721
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.7642	0.1572	0.7331	0.6351	0.4499
mines	0.4412	0.2235	0.3058	0.2854	0.4084
mobile	0.5490	0.0161	0.5511	0.5407	0.1867
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6230	0.3770	0.3838	-0.0637	0.7809
monks-3	0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4400	0.1018	0.3725	0.2979	0.4976
musk	0.9273	0.0727	0.8496	0.6654	0.2887
MUT_ci300400a_cdk_ECFP2	0.8177	0.1823	0.8113	0.6212	0.6317
MUT_ci300400a_rdkit_descriptors	0.7757	0.2243	0.7692	0.5377	0.7114
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9485	0.0515	0.9491	0.8970	0.2600
nci9	1.0000	0.0000	0.6667	1.0000	0.0000
ncRNA	0.8580	0.0149	0.1652	0.5369	0.1447
ncRNA1%	0.8569	0.0151	0.1286	0.5280	0.1300
ncRNA10%	0.8590	0.0148	0.1705	0.5420	0.1412
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.6187	0.0173	0.6467	0.6063	0.3066

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
newspop	0.6463	0.3537	0.6436	0.2866	0.8842
NHANES_age_prediction	0.9515	0.0485	0.9048	0.7979	0.2301
nomao	0.9370	0.0630	0.9231	0.8462	0.3541
NPHA-doctor-visits	0.4861	0.3426	0.2694	-0.0517	0.5491
nursery	0.9113	0.0355	0.5539	0.8685	0.1132
obesity	0.6066	0.1124	0.5915	0.5409	0.3779
obs	0.7407	0.1296	0.7786	0.6176	0.3662
occupancy	0.9864	0.0136	0.9816	0.9624	0.1468
Occupancy_Estimation	0.9654	0.0173	0.8875	0.8925	0.0697
oh0-wc	0.8515	0.0297	0.8688	0.8300	0.1166
oh10-wc	0.6952	0.0610	0.6803	0.6535	0.2953
oh15-wc	0.6848	0.0630	0.6443	0.6422	0.2998
oh5-wc	0.7473	0.0505	0.7532	0.7138	0.2317
ohscal-wc	0.3557	0.1289	0.3415	0.2776	0.7244
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9377	0.0125	0.9401	0.9308	0.0832
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7990	0.2010	0.7847	0.5665	0.6803
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7460	0.2540	0.7465	0.4921	0.7536
p53-mutants	0.9943	0.0057	0.6553	0.3049	0.5258
p53-mutants10%	0.9873	0.0127	0.4968	-0.0048	0.3262
page-blocks	0.9214	0.0314	0.4439	0.3305	0.1341
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8953	0.1047	0.8663	0.7277	0.4571
particle10%	0.8754	0.1246	0.8395	0.6694	0.5003
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4948	0.5052	0.4896	-0.0207	0.9923
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7973	0.5932	0.6403
pediatric-leukemia	0.8235	0.0504	0.7646	0.7821	0.1427
pendigits	0.8790	0.0242	0.8773	0.8655	0.1507
period	0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8134	0.1866	0.7980	0.5936	0.6458
personalities	0.8883	0.0140	0.8889	0.8809	0.1635
pet-adoption	0.8950	0.1050	0.8793	0.7521	0.4265
phishing	0.9429	0.0571	0.9400	0.8788	0.2812
phone-acc	0.5101	0.1400	0.4647	0.4273	0.3615
phone-acc0.1%	0.5168	0.1380	0.4966	0.4351	0.3829
phone-acc1%	0.5140	0.1389	0.4630	0.4318	0.3622
phone-acc10%	0.5106	0.1398	0.4606	0.4278	0.3638
phone-gyr	0.3310	0.1912	0.3434	0.2192	0.4078
phone-gyr0.1%	0.3396	0.1887	0.3496	0.2286	0.4046
phone-gyr1%	0.3271	0.1923	0.3342	0.2149	0.4030
phone-gyr10%	0.3300	0.1914	0.3437	0.2181	0.4073
phoneme	0.7611	0.2389	0.6901	0.3760	0.7750
phy	0.7056	0.2944	0.7056	0.4111	0.8137
pima	0.7105	0.2895	0.6923	0.3323	0.7052

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
placement	0.7890	0.2110	0.7852	0.5699	0.6885
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1001	0.0666	0.0000	0.1726
poker1%	0.4917	0.1017	0.0917	-0.0093	0.2227
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.5978	0.0332	0.2464
polish-5th	0.9289	0.0711	0.5650	0.0363	0.3725
polya	0.7838	0.2162	0.7578	0.5099	0.7009
popularity	0.6585	0.2277	0.4051	0.1779	0.4569
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7750	0.0900	0.7756	0.7188	0.3224
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6195	0.2353	0.9023
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.4848	0.0468	0.2277	0.4228	0.1966
processed	0.9367	0.0633	0.9287	0.8568	0.3461
profb	0.8358	0.1642	0.8119	0.6234	0.6196
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.7941	0.0824	0.6997	0.7160	0.2414
puc-rio10%	0.8057	0.0777	0.7028	0.7325	0.2410
pufs-128	0.5006	0.4994	0.5006	0.0012	0.9996
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%	0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-64	0.5020	0.4980	0.5020	0.0040	0.9980
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%	0.5019	0.4981	0.5019	0.0038	0.9989
pulsar	0.9697	0.0303	0.9038	0.7903	0.1344
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
rcv11%	0.7556	0.0119	0.4803	0.7262	0.2348
re0-wc	0.6467	0.0544	0.6485	0.5474	0.4517
re1-wc	0.5904	0.0328	0.5721	0.5348	0.3698
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.0073	0.0306	0.0002	0.0000	0.2386
rice	0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6081	0.3919	0.5772	0.1481	0.9203
RT_IOT2022	0.9733	0.0045	0.8380	0.9329	0.0311
satimage	0.7589	0.0804	0.6613	0.6950	0.2115
satimageF	0.9751	0.0249	0.9331	0.8613	0.1708
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.5714	0.1224	0.3556	0.4615	0.1395
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9231	0.0769	0.5662	0.1103	0.6287
secondary_mushroom	0.8557	0.1443	0.8543	0.7085	0.5500
segment	0.8788	0.0346	0.8910	0.8581	0.1214
segmentation	0.8020	0.1980	0.7798	0.5574	0.6750
segmentO	0.9740	0.0260	0.9473	0.8940	0.2198
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-10-gram	0.8688	0.1312	0.6189	0.0601	0.3732
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-4-gram	0.8605	0.1395	0.5709	0.0879	0.6168
sens-5-gram	0.8684	0.1316	0.6127	0.1503	0.5774
sens-6-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-7-gram	0.8658	0.1342	0.5807	0.0754	0.5299
sens-8-gram	0.8526	0.1474	0.5511	0.0716	0.6775
sens-9-gram	0.8684	0.1316	0.6013	0.1055	0.5237
sensorless	0.4754	0.0954	0.5190	0.4229	0.3366
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8759	0.1241	0.7164	0.3371	0.4528
shuttle	0.8743	0.0359	0.4487	0.5477	0.0817
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9261	0.0739	0.8922	0.7831	0.4473
skin10%	0.9224	0.0776	0.8852	0.7697	0.4578
smarket	0.9600	0.0400	0.9614	0.9198	0.1779
smart-farming	0.2000	0.4000	0.2009	-0.0650	0.8769
smk_can_187	0.8421	0.1579	0.8427	0.6816	0.5635
smoking	0.7441	0.2559	0.7356	0.4675	0.7578
soil_pollution	0.2000	0.3200	0.2028	-0.0017	0.8639
solar-flare	0.7482	0.0839	0.6764	0.6750	0.1919
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9175	0.0825	0.6922	0.1863	0.2598
spambase	0.8957	0.1043	0.8905	0.7776	0.4290
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.7143	0.2857	0.6090	0.2045	0.8349
spectrometer	0.2830	0.0299	0.0721	0.2295	0.2090
splice-EI	0.9338	0.0662	0.9203	0.8347	0.3849
splice-IE	0.9117	0.0883	0.8741	0.7461	0.4442
sport-articles	0.8200	0.1800	0.8037	0.5911	0.5877
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7434	0.1710	0.6862	0.5808	0.4831
steel-b	0.8256	0.1744	0.6977	0.3605	0.6518
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9744	0.0256	0.9601	0.9191	0.1618
steel-o	0.7487	0.2513	0.7094	0.3765	0.6874
steel-p	0.9231	0.0769	0.6843	0.1090	0.1864
steel-s	0.9641	0.0359	0.7153	0.2151	0.1059
steel-z	0.9385	0.0615	0.8038	0.5928	0.4537
stellar	0.8425	0.1050	0.8195	0.7026	0.3327
stock	0.8889	0.1111	0.7920	0.5583	0.4961
stockb	0.8943	0.0705	0.8995	0.8415	0.1721
streaming	0.7980	0.2020	0.7956	0.5911	0.6705
stress	0.9683	0.0127	0.9713	0.9603	0.0374
student-lifestyle	0.6350	0.1460	0.3355	0.3793	0.3177
student-depression	0.8344	0.1656	0.8281	0.6541	0.5933
student-habits	0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend	0.3231	0.2708	0.1908	0.0552	0.6923
student-workday	0.7031	0.1187	0.2271	0.0802	0.3206
studentap	0.5385	0.3077	0.5220	0.2778	0.5861
susy	0.7607	0.2393	0.7698	0.5036	0.6303
susy1%	0.7576	0.2424	0.7661	0.4973	0.6401
susy10%	0.7622	0.2378	0.7707	0.5070	0.6326

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8906	0.1094	0.8550	0.7061	0.4866
texture	0.9855	0.0026	0.9860	0.9840	0.0219
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8945	0.1055	0.8553	0.7096	0.5029
tis10%	0.7463	0.2537	0.6652	0.3302	0.7991
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.8049	0.0434	0.7222	0.7576	0.1816
trec12-wc	0.8710	0.0323	0.9002	0.8420	0.0941
trec21-wc	0.9394	0.0202	0.6423	0.8738	0.1141
trec23-wc	0.8095	0.0635	0.8292	0.7462	0.2264
trec31-wc	0.9140	0.0246	0.7821	0.8853	0.1210
trec41-wc	0.8750	0.0250	0.7880	0.8454	0.1296
trec45-wc	0.7681	0.0464	0.7331	0.7251	0.1912
tuandromd	0.9776	0.0224	0.9659	0.9315	0.2128
turkish	0.7750	0.1125	0.7765	0.7000	0.2538
tvnews	0.8906	0.1094	0.8810	0.7609	0.4651
tvnews1%	0.9385	0.0615	0.9336	0.8667	0.3108
tvnews10%	0.8882	0.1118	0.8785	0.7548	0.4641
urban	0.7612	0.0531	0.7719	0.7186	0.1876
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7381	0.1310	0.7152	0.6507	0.2270
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4343	0.1028	0.3582	0.3778	0.2545
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.8077	0.0192	0.6238	0.7847	0.1172
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.4986	0.1433	0.4911	0.4100	0.4239
watch-acc1%	0.4824	0.1479	0.4727	0.3909	0.4644
watch-acc10%	0.4981	0.1434	0.4889	0.4094	0.4305
watch-gyr	0.3602	0.1828	0.3612	0.2482	0.3613
watch-gyr1%	0.3347	0.1901	0.3094	0.2184	0.4370
watch-gyr10%	0.3618	0.1823	0.3551	0.2502	0.3732
water_pollution	0.2100	0.3950	0.2112	-0.0533	0.8875
waveform	0.8460	0.1027	0.8462	0.7690	0.3571
weather-related	0.9385	0.0112	0.9437	0.9301	0.0767
web-phishing	0.7704	0.1531	0.5295	0.5654	0.3692
weight-lift	0.8204	0.0718	0.8144	0.7713	0.2655

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
white-clover	0.3333	0.3333	0.1250	0.0000	0.1934
wifi-loc	0.9150	0.0425	0.9158	0.8867	0.1411
wilt	0.9482	0.0518	0.4867	-0.0040	0.3208
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5912	0.1363	0.2181	0.3086	0.3498
winequality-white	0.5215	0.1367	0.2096	0.2033	0.4051
winnipeg	0.9820	0.0051	0.9711	0.9773	0.0436
winnipeg10%	0.9819	0.0052	0.9740	0.9771	0.0340
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7257	0.7322	0.0668
yeast	0.4797	0.1041	0.2817	0.3287	0.4564
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.8763	0.0247	0.8680	0.8612	0.1682

Table 452: Detailed results for RRF(R1)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0911	0.0627	0.0743	0.0170	0.6255
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer	0.9859	0.0141	0.7466	0.4247	0.2982
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.6083	0.1917	0.7406
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red	0.7778	0.2222	0.4375	-0.1163	0.8180
AID1608Morered	0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.6429	0.2857	0.8453
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.5950	0.1818	0.8134
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8873	0.1127	0.8394	0.6688	0.4840
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.9048	0.0381	0.7646	0.7855	0.1152
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9581	0.0419	0.9540	0.9076	0.2319
anneal	0.9775	0.0090	0.9732	0.9524	0.0790
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9764	0.0118	0.9382	0.9546	0.0503
anuran-genus	0.9652	0.0087	0.9187	0.9424	0.1194
anuran-species	0.9681	0.0064	0.9266	0.9556	0.0813
anxiety	0.1000	0.2000	0.0928	-0.0133	0.7987
apple-quality	0.8775	0.1225	0.8777	0.7550	0.4915
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arcene	0.9000	0.1000	0.9010	0.7826	0.2846
arrhythmia	0.8000	0.0308	0.4714	0.6851	0.2114
auction	0.9902	0.0098	0.9777	0.9544	0.0418

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.9545	0.0083	0.9658	0.9472	0.0278
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.9971	0.0005	0.9899	0.9963	0.0299
babies	0.3710	0.1797	0.1679	0.0480	0.5902
balance	0.8065	0.1290	0.5943	0.6684	0.3713
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.8800	0.1200	0.8742	0.7458	0.4787
barleyblumeria	0.8848	0.1152	0.8749	0.7390	0.4271
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.9048	0.0952	0.8990	0.7981	0.4308
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0010	0.0689	0.0508	0.0010	0.0837
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.7418	0.1291	0.7438	0.6557	0.3995
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.6500	0.3000	0.8322
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9770	0.0115	0.9673	0.9511	0.0705
car-insurance	0.8490	0.1510	0.8243	0.6486	0.5980
card	0.8261	0.1739	0.8315	0.6530	0.5855
cardiotocography	0.8639	0.0272	0.8545	0.8363	0.1609
cardiotocography-nsp	0.9531	0.0313	0.9003	0.8689	0.1916
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.9250	0.0500	0.9002	0.8632	0.1613
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.8323	0.1677	0.8333	0.6646	0.5946
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7926	0.2074	0.7909	0.5806	0.6758
cas_N6512_RDkit_MACCS_FP	0.7960	0.2040	0.7976	0.5926	0.6645
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9767	0.0233	0.9104	0.8208	0.3445
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9995	0.0005	0.8888	0.7775	0.3538
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9458	0.0542	0.7774	0.5017	0.3588
churn	0.8550	0.1450	0.7543	0.4935	0.6137
churn-bigml	0.9738	0.0262	0.9462	0.8865	0.0914
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.8095	0.1270	0.7809	0.6120	0.2909
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8222	0.0889	0.6798	0.7259	0.4193
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.7500	0.1667	0.7856	0.5814	0.3402
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5510	0.2993	0.5216	0.2967	0.6869
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.9102	0.0163	0.7662	0.8904	0.1244
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9236	0.8433	0.3725
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7931	0.2069	0.7175	0.4351	0.7404
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7644	0.2356	0.7664	0.5293	0.7165
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9940	0.0060	0.9873	0.9745	0.0636
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.9410	0.0197	0.8560	0.8761	0.1141
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.6562	0.0172	0.4723	0.6455	0.0561
customer-churn	0.9804	0.0196	0.7188	0.4272	0.5028
cybersecurity	0.1733	0.2756	0.1731	0.0079	0.8808
cyclopentane	0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands	0.7963	0.2037	0.7908	0.5811	0.6753
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8042	0.1958	0.4457	-0.0504	0.7198
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.8750	0.0833	0.8333	0.7714	0.0991
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8750	0.0833	0.8786	0.8072	0.1999
DIA	0.8667	0.1333	0.8179	0.5676	0.2951
diabetes	0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5784	0.2810	0.3755	0.1735	0.5090
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	0.6000	0.4000	0.5833	0.1667	0.9308
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7698	0.1535	0.6872	0.6115	0.4415
drug-01	0.3298	0.1915	0.1226	-0.0304	0.5822
drug-02	0.4840	0.1474	0.2296	0.1182	0.6817
drug-03	0.6596	0.0973	0.1652	0.0555	0.3824
drug-04	0.5160	0.1383	0.2354	0.1456	0.6051
drug-05	0.7074	0.0836	0.1184	-0.0370	0.3513
drug-06	0.3989	0.1717	0.2878	0.2442	0.5327
drug-07	0.4362	0.1611	0.1636	0.0717	0.4344
drug-08	0.5532	0.1277	0.2280	0.1834	0.4667
drug-09	0.8670	0.0380	0.1953	0.0615	0.2104
drug-10	0.5372	0.1322	0.1747	0.1469	0.5144

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.8457	0.0441	0.1760	0.0469	0.2963
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6011	0.1140	0.1897	0.2281	0.4425
drug-14	0.6011	0.1140	0.2926	0.3015	0.5521
drug-15	0.7553	0.0699	0.1854	0.1140	0.3389
drug-16	0.5745	0.1216	0.2383	0.2890	0.4744
drug-17	0.3617	0.1824	0.1698	0.1272	0.6578
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7553	0.0699	0.1601	0.0659	0.3725
drybean	0.9243	0.0216	0.9393	0.9085	0.1227
ecoli	0.8235	0.0441	0.5245	0.7536	0.1141
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2300	0.3850	0.2251	-0.0274	0.8673
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.9146	0.0854	0.9137	0.8265	0.3818
eeg10%	0.4822	0.0647	0.4609	0.4234	0.5009
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.7123	0.1151	0.6998	0.6278	0.2994
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5625	0.4375	0.5624	0.1247	0.9592
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.8039	0.1961	0.8014	0.6009	0.6531
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8125	0.0625	0.8486	0.7659	0.1160
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9038	0.0481	0.8906	0.8669	0.1249
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.6250	0.2500	0.6041	0.4074	0.4629
gender	0.5937	0.2709	0.4544	0.1455	0.5503
gene	0.9495	0.0336	0.9426	0.9191	0.1501
german	0.6900	0.3100	0.6284	0.2211	0.7953
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9452	0.0548	0.9453	0.8905	0.2835
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8571	0.0476	0.7990	0.8062	0.1657
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWNFP	0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8571	0.1429	0.8531	0.7061	0.5505
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.5670	0.3713	0.4850
gsalc	0.8889	0.0370	0.8046	0.8615	0.0466
haberman	0.7667	0.2333	0.6698	0.3226	0.7594

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.9217	0.0224	0.5607	0.8838	0.1267
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.8705	0.0216	0.5817	0.8232	0.2217
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.5294	0.4706	0.5352	0.0685	0.9552
health-activity	0.7600	0.1200	0.2159	-0.0157	0.2902
heart	0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack	0.7742	0.2258	0.7741	0.5470	0.7087
heart-c	0.8333	0.1667	0.8341	0.6667	0.5937
heart-failure	0.9800	0.0200	0.9767	0.9534	0.1402
heart-quantum	0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.7164	0.2836	0.7149	0.4296	0.7999
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.4286	0.1429	0.3320	0.3171	0.2596
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa	0.8836	0.1164	0.7737	0.5353	0.5712
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6944	0.2037	0.6749	0.4438	0.4968
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8561	0.1439	0.4612	-0.0135	0.4899
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.9987	0.0009	0.9988	0.9981	0.0065
htru2	0.9782	0.0218	0.9326	0.8643	0.2453
hypothyroid	0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.7119	0.2881	0.6427	0.2851	0.8386
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9727	0.0137	0.9731	0.9636	0.0583
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.9333	0.0444	0.9303	0.8980	0.0943
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8237	0.1763	0.6651	0.2932	0.6757
jvowels	0.9568	0.0096	0.9547	0.9511	0.0748
kc1	0.8626	0.1374	0.6845	0.3196	0.5977
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.7692	0.0923	0.3294	0.4868	0.1065
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6751	0.3350	0.7254
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.8881	0.0124	0.8868	0.8750	0.1528
krvskp	0.9875	0.0125	0.9876	0.9749	0.0814
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.3824	0.0309	0.1957	0.3619	0.0753
led24	0.7000	0.0600	0.6724	0.6620	0.1252
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9410	0.0045	0.9410	0.9386	0.0716
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8333	0.0222	0.8332	0.8212	0.0626
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.6765	0.3235	0.6218	0.2429	0.8721
loan	0.9883	0.0117	0.9875	0.9750	0.0789
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.6814	0.0579	0.4242	0.5936	0.4979
lrs	0.8302	0.0340	0.4363	0.7650	0.1315
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.9255	0.0745	0.9231	0.8460	0.3552
madelon	0.9077	0.0923	0.9081	0.8154	0.4047
magic04	0.8864	0.1136	0.8737	0.7455	0.4756
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8021	0.1979	0.8042	0.6052	0.6507
marketing	0.9018	0.0982	0.7768	0.5110	0.4530
maternal	0.8218	0.1188	0.8258	0.7298	0.3865
math	0.8500	0.0750	0.7785	0.7695	0.2729
mba	0.8145	0.1237	0.4123	0.2258	0.3989
mental-disorders	0.8333	0.0833	0.8333	0.7778	0.1667
mental-health	0.2500	0.3000	0.2512	0.0620	0.8417
messidor	0.6870	0.3130	0.6849	0.3689	0.8355
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.8889	0.0556	0.8674	0.8435	0.1168
mfeat-fac	0.9550	0.0090	0.9561	0.9500	0.0560
mfeat-fou	0.8300	0.0340	0.8315	0.8111	0.1430
mfeat-kar	0.9200	0.0160	0.9220	0.9111	0.0947
mfeat-mor	0.7000	0.0600	0.7044	0.6667	0.1998
mfeat-pix	0.9600	0.0080	0.9613	0.9556	0.0447
mfeat-zer	0.7450	0.0510	0.7499	0.7167	0.1701
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5257	0.4457	0.4558
mobile	0.8916	0.0039	0.8987	0.8896	0.0497
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9652	0.0348	0.9314	0.8531	0.1137
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7722	0.2278	0.7635	0.5253	0.7167
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.8672	0.1328	0.8642	0.7284	0.5248
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA1%	0.9211	0.0083	0.5800	0.7799	0.3172
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4583	0.3611	0.3779	0.0624	0.8022
nursery	0.9992	0.0003	0.7995	0.9989	0.0024
obesity	0.9716	0.0081	0.9714	0.9668	0.0428
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9937	0.0063	0.9912	0.9823	0.0783
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc	0.9010	0.0198	0.8948	0.8865	0.0920
oh10-wc	0.7810	0.0438	0.7753	0.7505	0.1887
oh15-wc	0.8804	0.0239	0.8826	0.8637	0.1086
oh5-wc	0.8132	0.0374	0.8251	0.7885	0.1704
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9298	0.0156	0.9224	0.9130	0.0771
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9484	0.0103	0.9502	0.9426	0.0737
optdigitsZ	0.9947	0.0053	0.9834	0.9662	0.0246
orl	0.9500	0.0025	0.9416	0.9487	0.0099
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9328	0.0672	0.6875	0.2946	0.4475
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8996	0.7943	0.4192
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.9147	0.8797	0.1980
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons	0.9289	0.0711	0.9243	0.8464	0.3260
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.9215	0.0785	0.9021	0.8041	0.4045
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9118	0.8077	0.1921
pediatric-leukemia	0.7647	0.0672	0.7049	0.7119	0.1928
pendigits	0.9836	0.0033	0.9836	0.9818	0.0298
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7930	0.2070	0.7768	0.5527	0.6900
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9400	0.0600	0.9319	0.8600	0.2695
phishing	0.9673	0.0327	0.9657	0.9315	0.1998
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.8989	0.0289	0.8923	0.8819	0.1131
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.9282	0.0205	0.9219	0.9161	0.0914
phone-gyr1%	0.9654	0.0099	0.9618	0.9596	0.0476
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.9204	0.0796	0.9018	0.8035	0.4117
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7368	0.2632	0.7180	0.4294	0.7687
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.7630	0.2370	0.7544	0.5069	0.7314
plant-growth	0.6316	0.3684	0.6333	0.2652	0.8937
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.6527	0.0695	0.1601	0.3531	0.3312
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9687	0.0313	0.7318	0.3425	0.2419
polish-2nd	0.9656	0.0344	0.7112	0.3712	0.4312
polish-3rd	0.9486	0.0514	0.5725	0.0855	0.4869
polish-4th	0.9582	0.0418	0.7484	0.4615	0.4369
polish-5th	0.9645	0.0355	0.8452	0.6497	0.1986
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.5556	0.2963	0.2381	-0.2000	0.4881
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7059	0.4118	0.8134
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.2121	0.0716	0.0977	0.1530	0.2418
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7015	0.2985	0.6467	0.2903	0.8435
promoters	0.8000	0.2000	0.8333	0.6154	0.4644
prostate	0.9286	0.0714	0.9303	0.8511	0.2404
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9813	0.0075	0.9622	0.9749	0.0535
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9856	0.0144	0.9560	0.9103	0.1321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
raisin	0.8889	0.1111	0.8893	0.7778	0.4596
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.8867	0.0174	0.8862	0.8509	0.1125
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9857	0.0143	0.9856	0.9711	0.0997
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.7315	0.2685	0.7192	0.4376	0.7845
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.9067	0.0311	0.8929	0.8847	0.1514
satimageF	0.9860	0.0140	0.9642	0.9283	0.1993
satimageT	0.9440	0.0560	0.8267	0.6254	0.3483
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.4706	0.5294	0.4706	-0.0588	1.0000
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8918	0.0309	0.8972	0.8735	0.1380
segmentation	0.8564	0.1436	0.8440	0.6880	0.5661
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-2-gram	0.8789	0.1211	0.6687	0.1547	0.3573
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9095	0.0905	0.6570	0.0031	0.2085
shoppers	0.8970	0.1030	0.7886	0.5727	0.5675
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9788	0.0212	0.9093	0.8149	0.2550
sirtuin6	0.8000	0.2000	0.8000	0.6000	0.6644
skin	0.9996	0.0004	0.9994	0.9988	0.0088
skin10%	0.9984	0.0016	0.9975	0.9950	0.0178
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.3400	0.3300	0.3498	0.1139	0.7669
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2167	0.3133	0.2171	0.0209	0.8670
solar-flare	0.7770	0.0743	0.6437	0.7147	0.2213
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.9559	0.0046	0.9569	0.9515	0.0237
spam-detection	0.9500	0.0500	0.8482	0.6963	0.4713
spambase	0.9435	0.0565	0.9407	0.8811	0.2904
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.7115	0.0214	0.5897	0.6947	0.0955
splice-EI	0.9748	0.0252	0.9674	0.9342	0.2081
splice-IE	0.9432	0.0568	0.9222	0.8442	0.3564
sport-articles	0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-unstored	0.6000	0.2667	0.4706	0.2857	0.2642
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9184	0.0544	0.8961	0.8672	0.2013
steel-b	0.8513	0.1487	0.7598	0.5130	0.6362
steel-d	0.9897	0.0103	0.9140	0.8280	0.3214
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8564	0.1436	0.8401	0.6795	0.5633
steel-p	0.9282	0.0718	0.7617	0.5234	0.5906
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9949	0.0051	0.9860	0.9715	0.1355
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9792	0.0208	0.9644	0.9285	0.1694
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.5450	0.1820	0.3150	0.2764	0.5880
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3300	0.2680	0.2395	-0.0596	0.4836
student-weekend	0.3846	0.2462	0.3013	0.1542	0.6773
student-workday	0.7188	0.1125	0.2765	0.1783	0.3221
studentap	0.4615	0.3590	0.4579	0.1727	0.6264
susy1%	0.8004	0.1996	0.7992	0.5938	0.6511
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn	0.8807	0.1193	0.8438	0.6867	0.5335
texture	0.9727	0.0050	0.9742	0.9699	0.0385
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8723	0.1277	0.6958	0.3411	0.5745
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8881	0.1119	0.8417	0.6604	0.4201
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.7059	0.2941	0.6540	0.2735	0.7752
toxicity-13f	0.8235	0.1765	0.8152	0.5641	0.3671
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.4505	-0.0830	0.9027
trec11-wc	0.9024	0.0217	0.8039	0.8808	0.0709
trec12-wc	0.8387	0.0403	0.8804	0.8077	0.1352
trec21-wc	0.9091	0.0364	0.8982	0.8311	0.2470
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	0.9355	0.0215	0.9411	0.9145	0.1137
trec41-wc	0.9432	0.0114	0.8425	0.9306	0.0747
trec45-wc	0.9275	0.0145	0.8461	0.9155	0.0696
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057
turkish	0.8000	0.1000	0.7991	0.7333	0.2878
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9077	0.0923	0.9003	0.8001	0.4178
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9769	0.0231	0.7816	0.5298	0.3591
ur3_cobotops_stop	0.9755	0.0245	0.7996	0.5790	0.3800
urban	0.8209	0.0398	0.8269	0.7890	0.1469
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7857	0.1071	0.7504	0.7112	0.1765
vehicleVAN	0.9643	0.0357	0.9565	0.9091	0.2605
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.8372	0.1628	0.8410	0.6753	0.5648
vowel	0.6768	0.0588	0.6836	0.6444	0.2171
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.9885	0.0033	0.9882	0.9865	0.0258
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.2418	-0.0091	0.8708
waveform	0.8500	0.1000	0.8501	0.7750	0.3544
weather-related	0.9750	0.0045	0.9752	0.9717	0.0396
web-phishing	0.8741	0.0840	0.8258	0.7757	0.3694
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0346
wilt	0.9917	0.0083	0.9562	0.9123	0.2103
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6918	0.1027	0.3409	0.4997	0.3346
winequality-white	0.7035	0.0847	0.4441	0.5437	0.3518
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.6875	0.0417	0.6732	0.6667	0.0602
yeast	0.5608	0.0878	0.3839	0.4297	0.3593
yeastCYT-POX	0.9388	0.0612	0.4842	-0.0280	0.6456
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 453: Detailed results for RRF(R2)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1151	0.0610	0.0953	0.0370	0.5686
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9847	0.0153	0.7182	0.3735	0.3579
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.9993	0.0002	0.9993	0.9992	0.0020
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8000	0.2000	0.5761	0.1288	0.7579
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red	0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608Morered	0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7500	0.2500	0.6707	0.3056	0.7334
AID644red	0.7000	0.3000	0.6098	0.2105	0.8520
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8826	0.1174	0.8328	0.6574	0.5084
air_pollution	0.4067	0.1695	0.0828	0.0017	0.3421
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8952	0.0419	0.6470	0.7580	0.1191
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9581	0.0419	0.9540	0.9076	0.2319
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9764	0.0118	0.9382	0.9546	0.0503
anuran-genus	0.9652	0.0087	0.9187	0.9424	0.1194
anuran-species	0.9681	0.0064	0.9266	0.9556	0.0813
anxiety	0.0833	0.2037	0.0780	-0.0325	0.8109
apple-quality	0.8800	0.1200	0.8803	0.7600	0.4843
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arcene	0.7500	0.2500	0.7354	0.4681	0.7547
arrhythmia	0.8000	0.0308	0.4714	0.6851	0.2114
auction	0.9951	0.0049	0.9889	0.9776	0.0238

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.8636	0.0248	0.7640	0.8398	0.0641
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.9938	0.0010	0.9913	0.9919	0.0182
babies	0.3871	0.1751	0.1824	0.0767	0.5679
balance	0.8065	0.1290	0.5946	0.6682	0.3752
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8802	0.1198	0.8690	0.7301	0.4574
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.9048	0.0952	0.8990	0.7981	0.4308
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9856	0.0041	0.3362	0.1228	0.2299
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.7463	0.1269	0.7484	0.6617	0.3900
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.4855	0.5145	0.4855	-0.0289	1.0000
breast-cancer	0.7143	0.2857	0.6500	0.3000	0.8322
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.6636	0.7297	0.1136
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4600	0.3600	0.3120	-0.0104	0.5996
car	0.9770	0.0115	0.9673	0.9511	0.0705
car-insurance	0.8540	0.1460	0.8300	0.6599	0.5863
card	0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography	0.8545	0.0291	0.8464	0.8251	0.1737
cardiotocography-nsp	0.9531	0.0313	0.9003	0.8689	0.1916
cardiovascular	0.7117	0.2883	0.7117	0.4234	0.8056
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8750	0.0833	0.8298	0.7765	0.2685
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.8292	0.1708	0.8298	0.6581	0.6032
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7911	0.2089	0.7894	0.5773	0.6783
cas_N6512_RDkit_MACCS_FP	0.7991	0.2009	0.8002	0.5983	0.6608
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.7956	0.5913	0.6594
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9669	0.0331	0.7665	0.5043	0.4163
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6452	0.1861	0.4017
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9767	0.0233	0.9104	0.8208	0.3445
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9419	0.0581	0.6302	0.2561	0.6215
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.9444	0.0278	0.9407	0.9172	0.1358
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%	0.9995	0.0005	0.8784	0.7565	0.3917
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9337	0.0663	0.7225	0.2510	0.1683
churn	0.8500	0.1500	0.7457	0.4771	0.6304
churn-bigml	0.9813	0.0187	0.9618	0.9207	0.0708
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.5388	0.5521	0.3151
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8204	0.0898	0.6744	0.7228	0.4209
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5578	0.2948	0.5258	0.3082	0.6792
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.9140	0.0156	0.7697	0.8951	0.1192
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9481	0.0519	0.9345	0.8690	0.3129
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.8276	0.1724	0.8055	0.6092	0.6265
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7241	0.2759	0.4200	-0.1485	0.8628
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.8276	0.1724	0.7767	0.5511	0.6703
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.8065	0.1290	0.7333	0.6810	0.2682
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7644	0.2356	0.7661	0.5293	0.7182
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9940	0.0060	0.9873	0.9745	0.0636
covtypeT	0.9875	0.0125	0.9513	0.9024	0.2047
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9382	0.0206	0.8512	0.8703	0.1172
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.6875	0.0156	0.5049	0.6777	0.0508
customer-churn	0.9802	0.0198	0.7146	0.4180	0.5044
cybersecurity	0.1467	0.2844	0.1441	-0.0248	0.8779
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.8333	0.1667	0.8308	0.6611	0.6017
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8213	0.1787	0.7091	0.3971	0.6755
defect	0.9568	0.0432	0.9166	0.8290	0.2688
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.5942	0.0997	0.5748
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.6364	0.3684	0.5443
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8125	0.1250	0.8268	0.7108	0.3168
DIA	0.8500	0.1500	0.7854	0.5263	0.4936
diabetes	0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.9109	0.0891	0.8608	0.7206	0.4771
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5980	0.2680	0.3939	0.2005	0.4919
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7963	0.0815	0.7896	0.7118	0.3089
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.7059	0.2857	0.5283
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.6250	0.3750	0.6010	0.1429	0.7713
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5388	0.4612	0.5352	0.0701	0.9761
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7630	0.1580	0.6793	0.6020	0.4595
drug-01	0.3511	0.1854	0.2140	0.0109	0.5738
drug-02	0.4734	0.1505	0.2140	0.0935	0.6401
drug-03	0.6702	0.0942	0.1813	0.1004	0.3757
drug-04	0.5053	0.1413	0.2181	0.1377	0.6203
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.3049	0.2654	0.5260
drug-07	0.4149	0.1672	0.1411	0.0311	0.4459
drug-08	0.5638	0.1246	0.2394	0.1825	0.4344
drug-09	0.8670	0.0380	0.1724	0.0604	0.1777
drug-10	0.5372	0.1322	0.1866	0.1609	0.5914
drug-11	0.8511	0.0426	0.1766	0.0549	0.2135

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-12	0.7926	0.0593	0.2180	0.0369	0.2174
drug-13	0.6011	0.1140	0.1967	0.2338	0.4435
drug-14	0.6011	0.1140	0.2881	0.3078	0.5476
drug-15	0.7606	0.0684	0.1891	0.1099	0.3129
drug-16	0.5851	0.1185	0.2586	0.3174	0.4695
drug-17	0.3723	0.1793	0.1652	0.1418	0.6425
drug-18	0.9894	0.0043	0.1989	-0.0053	0.1743
drug-19	0.7500	0.0714	0.1423	0.0310	0.3631
drybean	0.9243	0.0216	0.9393	0.9085	0.1220
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.2343	-0.0137	0.8473
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.9152	0.0848	0.9144	0.8278	0.3792
eeg10%	0.4755	0.0656	0.4468	0.4156	0.4979
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6986	0.1205	0.6801	0.6110	0.3328
euthyroid	0.9114	0.0886	0.6870	0.3245	0.5394
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.4850	0.5150	0.4850	-0.0300	1.0000
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.7451	0.2549	0.7458	0.4709	0.7061
financial-risk	0.9380	0.0207	0.8967	0.9025	0.1239
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.9942	0.0019	0.9939	0.9930	0.0137
gastrointestinal	0.8125	0.1250	0.8305	0.6981	0.2631
gender	0.6021	0.2653	0.4896	0.1624	0.5410
gene	0.9527	0.0315	0.9472	0.9242	0.1468
german	0.7100	0.2900	0.6574	0.2822	0.7745
gestures	0.9170	0.0415	0.9172	0.8893	0.1826
gina	0.9481	0.0519	0.9481	0.8962	0.2734
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8095	0.0635	0.7716	0.7399	0.1240
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8571	0.1429	0.8531	0.7061	0.5505
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.5707	0.3713	0.4924
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7667	0.2333	0.6902	0.3787	0.7748
hapt	0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har	0.9888	0.0045	0.9881	0.9858	0.0311
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.9248	0.0215	0.5799	0.8883	0.1159
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.8692	0.0218	0.5797	0.8214	0.2177
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.5294	0.4706	0.5352	0.0685	0.9552
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8465	0.6842	0.5251
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.9880	0.0120	0.9860	0.9720	0.0899
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%	0.7000	0.3000	0.6985	0.3969	0.8218
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.4286	0.1429	0.3643	0.3212	0.2599
hinselmann	0.8000	0.2000	0.6875	0.3750	0.7500
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8853	0.1147	0.7777	0.5440	0.5673
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6944	0.2037	0.6749	0.4438	0.4968
hotel-reservartions	0.9093	0.0907	0.8961	0.7916	0.4223
hr	0.8526	0.1474	0.4602	-0.0199	0.5496
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.9987	0.0009	0.9988	0.9981	0.0066
htru2	0.9782	0.0218	0.9326	0.8643	0.2453
hypothyroid	0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9727	0.0137	0.9731	0.9636	0.0583
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8255	0.1745	0.6706	0.3068	0.6749
jvowels	0.9568	0.0096	0.9546	0.9511	0.0750
kc1	0.8720	0.1280	0.7137	0.3863	0.5769
kc1-class-level-defectiveornot	0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9982	0.0003	0.8231	0.9969	0.0022
kepler	0.8891	0.0739	0.8515	0.8170	0.2212
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krkopt	0.8898	0.0122	0.8874	0.8770	0.1507
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.6667	0.3333	0.7500	0.4000	0.5283
leaf	0.4706	0.0265	0.2541	0.4501	0.0673
led24	0.6500	0.0700	0.6364	0.6078	0.1652
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9435	0.0043	0.9434	0.9412	0.0683
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8611	0.0185	0.8830	0.8509	0.0619
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7353	0.2647	0.6908	0.3806	0.7996
loan	0.9883	0.0117	0.9875	0.9750	0.0789
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.6839	0.0575	0.4300	0.5967	0.4794
lrs	0.8302	0.0340	0.4384	0.7636	0.1263
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.9149	0.0851	0.9121	0.8234	0.3843
madelon	0.8500	0.1500	0.8500	0.7000	0.5605
magic04	0.8785	0.1215	0.8649	0.7281	0.4996
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8138	0.6255	0.6342
marketing	0.9062	0.0938	0.7888	0.5404	0.4428
maternal	0.8317	0.1122	0.8360	0.7443	0.3645
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8097	0.1269	0.4038	0.2019	0.4031
mental-disorders	0.8333	0.0833	0.8333	0.7778	0.1667
mental-health	0.2167	0.3133	0.2173	0.0205	0.8580
messidor	0.7043	0.2957	0.7007	0.4012	0.8166
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9550	0.0090	0.9556	0.9500	0.0541
mfeat-fou	0.8300	0.0340	0.8313	0.8111	0.1534
mfeat-kar	0.9250	0.0150	0.9264	0.9167	0.0919
mfeat-mor	0.6950	0.0610	0.6997	0.6611	0.2026
mfeat-pix	0.9550	0.0090	0.9563	0.9500	0.0509
mfeat-zer	0.7600	0.0480	0.7657	0.7333	0.1627
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5281	0.4463	0.4448
mobile	0.8916	0.0039	0.9017	0.8896	0.0486
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	1.0000	0.0000	1.0000	1.0000	0.0000
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4828	0.0940	0.5212	0.3827	0.5557
musk	0.9636	0.0364	0.9283	0.8460	0.1173
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7686	0.2314	0.7596	0.5172	0.7221
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.8621	0.1379	0.8592	0.7180	0.5383
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.8609	0.1391	0.8578	0.7157	0.5402
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA1%	0.9211	0.0083	0.5789	0.7807	0.3066
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9163	0.0837	0.7210	0.4216	0.5662
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4861	0.3426	0.4124	0.1129	0.7808
nursery	0.9992	0.0003	0.7995	0.9989	0.0024
obesity	0.9763	0.0068	0.9760	0.9723	0.0353
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9937	0.0063	0.9912	0.9823	0.0783
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc	0.8812	0.0238	0.8808	0.8635	0.1087
oh10-wc	0.8000	0.0400	0.7995	0.7726	0.1706
oh15-wc	0.8696	0.0261	0.8657	0.8514	0.1187
oh5-wc	0.8022	0.0396	0.8205	0.7757	0.1826
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9502	0.0100	0.9520	0.9446	0.0718
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9289	0.0711	0.6520	0.1647	0.3724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8505	0.1495	0.8310	0.6608	0.5783
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9206	0.0794	0.9227	0.8416	0.3489
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9854	0.0059	0.8908	0.9169	0.0683
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9242	0.0758	0.9191	0.8365	0.3496

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.9231	0.0769	0.9040	0.8079	0.3991
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6644	0.2997	0.5774
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9118	0.8077	0.1921
pediatric-leukemia	0.7353	0.0756	0.6545	0.6738	0.2201
pendigits	0.9845	0.0031	0.9845	0.9828	0.0281
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7959	0.2041	0.7807	0.5611	0.6857
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9400	0.0600	0.9319	0.8600	0.2695
phishing	0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.8982	0.0291	0.8917	0.8810	0.1125
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.9268	0.0209	0.9204	0.9144	0.0939
phone-gyr1%	0.9657	0.0098	0.9621	0.9599	0.0474
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.9204	0.0796	0.9026	0.8051	0.4156
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7368	0.2632	0.7180	0.4294	0.7687
pirvision	0.9974	0.0017	0.9954	0.9917	0.0069
placement	0.7830	0.2170	0.7754	0.5494	0.6977
plant-growth	0.7895	0.2105	0.8155	0.5682	0.4308
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.6332	0.0734	0.1794	0.3122	0.2666
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9659	0.0341	0.6954	0.2409	0.2550
polish-2nd	0.9617	0.0383	0.6715	0.2994	0.4916
polish-3rd	0.9467	0.0533	0.4863	-0.0103	0.4762
polish-4th	0.9612	0.0388	0.7724	0.5179	0.4229
polish-5th	0.9628	0.0372	0.8368	0.6277	0.2036
polya	0.7773	0.2227	0.7507	0.4966	0.7150
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.4444	0.3704	0.2051	-0.3636	0.5085
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7207	0.4412	0.7929
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.4242	0.0886	0.3372	0.3556	0.3079
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7015	0.2985	0.6467	0.2903	0.8435
promoters	0.6000	0.4000	0.6250	0.2308	0.8533
prostate	1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9807	0.0077	0.9611	0.9741	0.0532
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9856	0.0144	0.9560	0.9103	0.1321
raisin	0.8889	0.1111	0.8893	0.7778	0.4596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.8867	0.0174	0.8966	0.8498	0.1134
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9863	0.0137	0.9861	0.9722	0.0970
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.7126	0.2874	0.7032	0.4064	0.8099
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.9082	0.0306	0.8959	0.8866	0.1435
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9456	0.0544	0.8323	0.6389	0.3438
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.4118	0.5882	0.4111	-0.1765	1.0000
sclerosis	0.9630	0.0370	0.9641	0.9256	0.1858
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9543	0.9392	0.0624
segmentation	0.8564	0.1436	0.8431	0.6861	0.5651
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9225	0.0775	0.5437	0.0628	0.6074
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-2-gram	0.8789	0.1211	0.6856	0.1312	0.2567
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9915	0.0016	0.9915	0.9906	0.0164
sepsis	0.9095	0.0905	0.6570	0.0031	0.2085
shoppers	0.8954	0.1046	0.7845	0.5640	0.5716
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9788	0.0212	0.9093	0.8149	0.2550
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9996	0.0004	0.9994	0.9989	0.0080
skin10%	0.9984	0.0016	0.9975	0.9950	0.0178
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.3000	0.3500	0.3021	0.0672	0.8113
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2100	0.3160	0.2110	0.0121	0.8702
solar-flare	0.7698	0.0767	0.6402	0.7061	0.2086
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9265	0.0077	0.9330	0.9195	0.0404
spam-detection	0.9510	0.0490	0.8519	0.7038	0.4677
spambase	0.9435	0.0565	0.9407	0.8811	0.2904
spect	0.7407	0.2593	0.6021	0.2025	0.8299
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.6923	0.0228	0.6227	0.6737	0.1024
splice-EI	0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE	0.9495	0.0505	0.9326	0.8640	0.3386
sport-articles	0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored	0.4000	0.4000	0.3030	0.0000	0.5733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9181	0.0546	0.8961	0.8667	0.2042
steel-b	0.8974	0.1026	0.8369	0.6673	0.4931
steel-d	0.9897	0.0103	0.9140	0.8280	0.3214
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8462	0.1538	0.8287	0.6566	0.5879
steel-p	0.9282	0.0718	0.7346	0.4622	0.5763
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9897	0.0103	0.9708	0.9417	0.1621
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8750	0.1250	0.7953	0.5899	0.6171
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.5300	0.1880	0.3099	0.2493	0.5959
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3500	0.2600	0.1610	-0.0314	0.4831
student-weekend	0.4308	0.2277	0.3596	0.2166	0.6777
student-workday	0.7344	0.1062	0.2708	0.2381	0.2860
studentap	0.5385	0.3077	0.5166	0.2778	0.5827
susy1%	0.8004	0.1996	0.7990	0.5941	0.6526
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6082	0.4000	0.6002
telco-churn	0.8849	0.1151	0.8496	0.6984	0.5220
texture	0.9709	0.0053	0.9727	0.9679	0.0412
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8723	0.1277	0.7093	0.2210	0.2680
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8881	0.1119	0.8417	0.6604	0.4201
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.4505	-0.0830	0.9027
trec11-wc	0.9512	0.0108	0.8571	0.9395	0.0304
trec12-wc	0.8387	0.0403	0.8959	0.8060	0.1302
trec21-wc	0.8485	0.0606	0.7838	0.7105	0.3144
trec23-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	0.9462	0.0179	0.9503	0.9286	0.0921
trec41-wc	0.9432	0.0114	0.8418	0.9307	0.0739
trec45-wc	0.9130	0.0174	0.8328	0.8985	0.0813
tuandromd	0.9910	0.0090	0.9861	0.9722	0.0959
turkish	0.8000	0.1000	0.8014	0.7333	0.2868
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9077	0.0923	0.9003	0.8001	0.4178
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9755	0.0245	0.7610	0.4602	0.3127
ur3_cobotops_stop	0.9769	0.0231	0.8099	0.5935	0.3335
urban	0.8358	0.0365	0.8371	0.8065	0.1371

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7738	0.1131	0.7373	0.6954	0.1998
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.7172	0.0514	0.7189	0.6889	0.1951
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9850	0.0043	0.9847	0.9825	0.0320
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr1%	0.9897	0.0029	0.9895	0.9880	0.0232
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2800	0.3600	0.2811	0.0390	0.8418
waveform	0.8420	0.1053	0.8421	0.7630	0.3672
weather-related	0.9750	0.0045	0.9761	0.9717	0.0386
web-phishing	0.8815	0.0790	0.8310	0.7885	0.3589
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0346
wilt	0.9917	0.0083	0.9562	0.9123	0.2103
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.7233	0.0922	0.3513	0.5541	0.3371
winequality-white	0.6912	0.0882	0.4263	0.5252	0.3483
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7318	0.7322	0.0613
yeast	0.5676	0.0865	0.3865	0.4388	0.3570
yeastCYT-POX	0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 454: Detailed results for RRULES

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1703	0.0572	0.0956	0.0879	0.5490
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9775	0.0225	0.5651	0.1123	0.5535
accident	0.5500	0.4500	0.5503	0.1000	0.9662
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.7524	0.2476	0.5004	0.0007	0.8426
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8333	0.1667	0.5863	0.1628	0.7500
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
aids	0.8451	0.1549	0.7793	0.5541	0.6294
air_pollution	0.2900	0.2029	0.1835	0.0667	0.8673
alcohol	0.7810	0.0876	0.5795	0.4561	0.2878
all-aml	0.5000	0.5000	0.3333	-0.2857	1.0000
alzheimers	0.6372	0.3628	0.5497	0.0801	0.8683
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9527	0.0236	0.9145	0.9086	0.1211
anuran-genus	0.9388	0.0153	0.8504	0.8976	0.1317
anuran-species	0.9403	0.0119	0.8830	0.9162	0.1301
anxiety	0.1333	0.1926	0.1372	0.0234	0.7730
apple-quality	0.7950	0.2050	0.7957	0.5900	0.6691
arcene	0.7000	0.3000	0.7143	0.2857	0.4644
arrhythmia	0.6444	0.0547	0.2842	0.3909	0.2892
auction	0.9363	0.0637	0.8440	0.6763	0.4032
audiology	0.6087	0.0326	0.3003	0.5586	0.1157
audit-risk	0.9231	0.0769	0.9194	0.8376	0.3546
autism-adolescent	0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult	0.9714	0.0286	0.9639	0.9278	0.2035
autism-child	0.8966	0.1034	0.8971	0.7924	0.4312
autos	0.8500	0.0500	0.7137	0.7980	0.1121
avila	0.5601	0.0733	0.5133	0.3543	0.4608
babies	0.3952	0.1728	0.1876	0.0786	0.6018
balance	0.8065	0.1290	0.5620	0.6381	0.3065
banknote	0.9781	0.0219	0.9779	0.9556	0.1390
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
bio10%	0.9959	0.0041	0.8698	0.7253	0.2186
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.9856	0.0010	0.0342	-0.0004	0.1018
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
brain-tumor	0.5140	0.4860	0.5139	0.0278	0.9915
breast-cancer	0.6429	0.3571	0.5276	0.0541	0.9174
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
cad	0.9000	0.1000	0.8824	0.7368	0.2605
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
car	0.9253	0.0374	0.7263	0.8369	0.1674
cardiovascular	0.6293	0.3707	0.6299	0.2585	0.8979
cargo2k	0.9772	0.0152	0.9772	0.9657	0.0797
cars	0.7750	0.1500	0.6951	0.5730	0.4877
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9186	0.0814	0.4788	-0.0203	0.5749
chrom19	0.9991	0.0009	0.6703	0.0828	0.0488
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9993	0.0007	0.8240	0.6467	0.4092
chronic-kidney	0.9036	0.0964	0.4747	-0.0303	0.6422
churn	0.7970	0.2030	0.6480	0.2850	0.7579
churn-bigml	0.8502	0.1498	0.6172	0.1938	0.6686
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.5952	0.2698	0.3951	0.1849	0.4990
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8037	0.0981	0.6035	0.6833	0.3609
climate	0.9074	0.0926	0.4757	-0.0305	0.6464
cll_sub_111	0.4167	0.3889	0.3333	0.0667	0.5120
cm1	0.8600	0.1400	0.4624	-0.0606	0.7431
cmc	0.4762	0.3492	0.4526	0.1740	0.7625
coil20	0.7153	0.0285	0.7333	0.7003	0.1801
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.6800	0.0427	0.5947	0.6411	0.1486
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.5517	0.4483	0.4647	-0.0680	0.9793
colposcopies-2	0.7241	0.2759	0.6987	0.3927	0.7955
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.5517	0.4483	0.5490	0.0916	0.9427
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.7097	0.2903	0.6442	0.2791	0.8292
column-3c	0.6774	0.2151	0.6409	0.4533	0.4736
crabs	0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8829	0.0390	0.7080	0.7442	0.2876
cryotherapy	0.5556	0.4444	0.5500	0.1000	0.9644
cultivars	0.1250	0.0437	0.0769	0.1040	0.1260
customer-churn	0.9788	0.0212	0.6563	0.2747	0.4831
cybersecurity	0.1733	0.2756	0.1763	0.0073	0.8803
cylinder-bands	0.7222	0.2778	0.7129	0.4088	0.7593
darwin	0.5000	0.5000	0.5000	0.0000	0.9808
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
defect	0.8580	0.1420	0.6750	0.2683	0.5471
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.7832	0.2168	0.4783	-0.0341	0.8101
dermatology	0.8919	0.0360	0.8906	0.8645	0.1165
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614
dexter	0.6000	0.4000	0.6192	0.2000	0.8213
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-risk	0.9023	0.0977	0.8485	0.6966	0.5115
diabetic1%	0.5784	0.2810	0.4612	0.2100	0.6646
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8333	0.0833	0.7995	0.7668	0.2378
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.3750	0.6250	0.2727	-0.4286	0.8893
dlbcl-nih	0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.0957	0.9043	0.0873	0.0000	0.2285
dota210%	0.5097	0.4903	0.5039	0.0078	0.9930
dropout	0.6637	0.2242	0.5760	0.4314	0.6163
drug-01	0.3191	0.1945	0.1453	0.0071	0.7843
drug-02	0.4574	0.1550	0.1894	0.1009	0.7764
drug-03	0.6383	0.1033	0.1384	0.0527	0.5814
drug-04	0.4309	0.1626	0.1879	0.0400	0.7693
drug-05	0.6702	0.0942	0.1339	0.0102	0.6490
drug-06	0.2181	0.2234	0.1516	0.0384	0.8505
drug-07	0.3723	0.1793	0.1418	0.0248	0.6227
drug-08	0.4415	0.1596	0.1489	0.0340	0.7904
drug-09	0.8351	0.0471	0.1793	0.0440	0.5820
drug-10	0.4574	0.1550	0.1733	0.0668	0.7749
drug-11	0.8298	0.0486	0.1299	0.0013	0.4343
drug-12	0.7181	0.0805	0.1205	-0.0298	0.5278
drug-13	0.5851	0.1185	0.2138	0.2159	0.5149
drug-14	0.4947	0.1444	0.2270	0.1024	0.7502
drug-15	0.7234	0.0790	0.1646	0.0744	0.5896
drug-16	0.5319	0.1337	0.2399	0.2169	0.6647
drug-17	0.3085	0.1976	0.2144	0.0901	0.7985
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7500	0.0714	0.2022	0.1328	0.4387
ecoli	0.6765	0.0809	0.3472	0.5217	0.2216
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7338	0.4590	0.6857
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2727	0.0245	0.8336
eeg-eye	0.5574	0.4426	0.5469	0.0208	0.6329
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4795	0.2082	0.4461	0.3254	0.5487
fakenews	0.5425	0.4575	0.5427	0.0853	0.9730
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.5686	0.4314	0.5558	0.1081	0.9492
financial-risk	0.5655	0.1448	0.3070	0.2661	0.5770
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.3000	0.1750	0.0577	0.0000	0.3283
forest	0.6923	0.1538	0.6930	0.5746	0.4039
gastrointestinal	0.5625	0.2917	0.3811	0.2168	0.5122
german	0.6400	0.3600	0.5585	0.1022	0.8858
gina	0.7291	0.2709	0.7297	0.4569	0.7751
gisette	0.7229	0.2771	0.7236	0.4457	0.7864
glass	0.7143	0.0952	0.5716	0.5909	0.2243
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	0.7500	0.2500	0.6667	0.3333	0.7987
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.7976	0.2024	0.7918	0.5678	0.6272

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.2667	0.3667	0.1915	-0.0377	0.6968
gsalc	0.6667	0.1111	0.6377	0.5909	0.1647
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.8225	0.0296	0.6155	0.7897	0.2107
har70	0.7671	0.0665	0.5034	0.6286	0.2096
har701%	0.8111	0.0540	0.4820	0.7232	0.1956
har7010%	0.8229	0.0506	0.5214	0.7384	0.2185
harth1%	0.7610	0.0398	0.4271	0.6742	0.2593
harth10%	0.7153	0.0475	0.3718	0.5933	0.2694
hayes-roth	0.6875	0.2083	0.7612	0.5152	0.3343
hcc-survival	0.6471	0.3529	0.6223	0.2031	0.8037
health-activity	0.7400	0.1300	0.2558	0.0335	0.4769
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.7419	0.2581	0.7448	0.4855	0.7510
heart-c	0.7333	0.2667	0.7364	0.4545	0.7296
heart-failure	0.9760	0.0240	0.9721	0.9435	0.1356
heart-quantum	0.8800	0.1200	0.8750	0.7500	0.4964
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.7875	0.2125	0.7879	0.5748	0.6840
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.5591	0.4409	0.5558	0.1113	0.9623
higher	0.5000	0.1250	0.4312	0.3988	0.2625
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.8125	0.1875	0.8118	0.6235	0.6412
hr	0.8421	0.1579	0.4962	-0.0042	0.6840
htru2	0.9732	0.0268	0.9152	0.8265	0.2471
ilpd	0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.9447	0.0277	0.9447	0.9262	0.1149
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.4108	0.0453	0.4127	0.3873	0.4884
jvowels	0.8635	0.0303	0.8647	0.8448	0.1879
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8462	0.1538	0.7441	0.4680	0.6202
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9435	0.0565	0.5492	0.0539	0.5027
kidney	0.7858	0.0857	0.2027	0.0068	0.5118
kidney-disease	0.9750	0.0250	0.9737	0.9459	0.1112
krkopt	0.4207	0.0644	0.3856	0.3405	0.5049
krvskp	0.9843	0.0157	0.9843	0.9686	0.1087
labor	0.6667	0.3333	0.4000	0.0000	0.4644
leaf	0.2647	0.0368	0.1499	0.2356	0.1627
led24	0.6000	0.0800	0.5375	0.5467	0.1707
lenses	0.3333	0.4444	0.3333	0.0000	0.3333
leukemia	0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.6389	0.0481	0.6124	0.6123	0.1567
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9999	0.0001	0.9964	0.9928	0.0004
liver	0.6471	0.3529	0.5968	0.1937	0.8945
loan	0.9321	0.0679	0.9275	0.8531	0.3175
lrs	0.6792	0.0642	0.3300	0.5398	0.2015

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.5000	0.1429	0.2105	0.3600	0.1223
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.8000	0.0800	0.6625	0.5294	0.2669
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2	0.4444	0.1235	0.0808	0.1346	0.1824
machine-failure	0.8936	0.1064	0.8900	0.7792	0.4498
madelon	0.4808	0.5192	0.4801	-0.0385	1.0000
magic04	0.8196	0.1804	0.7981	0.5937	0.6401
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8157	0.6265	0.6250
maternal	0.7921	0.1386	0.7984	0.6834	0.4137
math	0.7000	0.1500	0.7067	0.5389	0.4347
mental-disorders	0.6667	0.1667	0.7238	0.5556	0.3079
mental-health	0.2300	0.3080	0.2268	0.0368	0.8568
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	0.7778	0.1481	0.7690	0.6400	0.2545
mfeat-fac	0.7600	0.0480	0.7868	0.7333	0.2192
mfeat-fou	0.5950	0.0810	0.6017	0.5500	0.3537
mfeat-kar	0.7300	0.0540	0.7461	0.7000	0.2840
mfeat-mor	0.6850	0.0630	0.6847	0.6500	0.2245
mfeat-pix	0.2950	0.1410	0.3059	0.2167	0.6489
mice-prot	0.7778	0.0556	0.7817	0.7451	0.2426
milk	0.9434	0.0377	0.9337	0.9131	0.1271
mines	0.3529	0.2588	0.3210	0.1744	0.5445
mobile	0.1748	0.0295	0.1875	0.1599	0.3908
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8197	0.1803	0.7952	0.5866	0.6379
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
musk	0.9424	0.0576	0.8837	0.7425	0.2033
myocardial	0.8765	0.0309	0.3168	0.4145	0.3342
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.1667	0.1852	0.0556	0.0323	0.1771
neo	0.9079	0.0921	0.6489	0.1514	0.3901
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.9211	0.8293	0.4011
newspop	0.5863	0.4137	0.5805	0.1563	0.9306
NHANES_age_prediction	0.9648	0.0352	0.9319	0.8617	0.2430
NPHA-doctor-visits	0.3889	0.4074	0.3491	-0.0289	0.7983
nursery	0.9877	0.0049	0.7695	0.9819	0.0249
obesity	0.8199	0.0515	0.8167	0.7894	0.2156
occupancy	0.9903	0.0097	0.9865	0.9729	0.1123
Occupancy_Estimation	0.9921	0.0039	0.9730	0.9759	0.0165
oh0-wc	0.5644	0.0871	0.5541	0.4954	0.3877
oh10-wc	0.4190	0.1162	0.4118	0.3320	0.4905
oh15-wc	0.4348	0.1130	0.4307	0.3440	0.4480
oh5-wc	0.4176	0.1165	0.4003	0.3268	0.4506
olive	0.7895	0.0468	0.7398	0.7303	0.1425
optdigits	0.5480	0.0904	0.5486	0.4980	0.4847
optdigitsZ	0.9626	0.0374	0.8742	0.7218	0.1877
orl	0.2750	0.0362	0.2384	0.2564	0.1514
orlraws10P	0.4000	0.1200	0.3317	0.3333	0.1576

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ovarian-cancer	0.7600	0.2400	0.7303	0.4526	0.7382
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7619	0.2381	0.7606	0.5209	0.7314
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9488	0.0205	0.7503	0.6746	0.2350
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.6919	0.3081	0.6560	0.2923	0.8128
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
pasture	0.5000	0.3333	0.5000	0.2727	0.3214
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.5258	0.4742	0.4928	-0.0140	0.9876
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7498	0.4583	0.5776
pediatric-leukemia	0.2059	0.2269	0.1281	-0.0044	0.6095
pendigits	0.8380	0.0324	0.8433	0.8200	0.2237
period	0.6667	0.3333	0.5950	0.1818	0.8798
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
pet-adoption	0.7200	0.2800	0.6608	0.3083	0.8056
phoneme	0.8630	0.1370	0.8306	0.6612	0.5776
pima	0.6447	0.3553	0.6150	0.2251	0.8904
placement	0.7390	0.2610	0.7282	0.4493	0.7579
plant-growth	0.4737	0.5263	0.4820	-0.0326	0.9785
plrx	0.5556	0.4444	0.3571	-0.2632	0.9745
poker1%	0.5980	0.0804	0.1646	0.2655	0.5891
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9814	0.0074	0.9815	0.9768	0.0495
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6041	0.2059	0.9196
prestige	0.6667	0.2222	0.6655	0.4906	0.4321
primary-tumor	0.3333	0.0606	0.1536	0.2539	0.2323
profb	0.5970	0.4030	0.4890	-0.0203	0.9510
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.4286	0.5714	0.3851	-0.2174	1.0000
prostate_GE	0.5455	0.4545	0.5500	0.0984	0.9584
pulsar	0.9800	0.0200	0.9384	0.8750	0.1996
raisin	0.8667	0.1333	0.8670	0.7333	0.5178
rcv11%	0.3815	0.0302	0.1670	0.2512	0.4860
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9930	0.9858	0.0537
rice	0.9830	0.0170	0.9828	0.9656	0.1181
rnaseq	0.8750	0.0500	0.8742	0.8320	0.1572
satimage	0.8445	0.0518	0.8189	0.8068	0.2268
satimageF	0.9844	0.0156	0.9589	0.9167	0.1403
satimageT	0.9300	0.0700	0.7737	0.4848	0.3624
scadi	0.4286	0.1633	0.2256	0.1765	0.2912
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.4706	0.5294	0.4704	-0.0588	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
seeds	0.8571	0.0952	0.8780	0.7857	0.2113
segment	0.9048	0.0272	0.9116	0.8889	0.1258
segmentation	0.7624	0.2376	0.7380	0.4756	0.7489
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
semeion	0.9686	0.0314	0.9081	0.7983	0.1007
sens-1-gram	0.8395	0.1605	0.5510	0.0888	0.7435
sens-2-gram	0.8579	0.1421	0.5739	0.1047	0.6534
sens-3-gram	0.8553	0.1447	0.5569	0.0769	0.6599
sens-4-gram	0.8763	0.1237	0.6474	0.1911	0.5052

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-5-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shuttle	0.9760	0.0068	0.8352	0.9328	0.1735
sirtuin6	0.6000	0.4000	0.6000	0.2000	0.9288
skin	0.9961	0.0039	0.9942	0.9883	0.0596
skin10%	0.9951	0.0049	0.9926	0.9852	0.0708
smarket	0.7840	0.2160	0.7840	0.5679	0.6934
smart-farming	0.2800	0.3600	0.2795	0.0426	0.8070
smk_can_187	0.6842	0.3158	0.6960	0.3523	0.7434
soil_pollution	0.1733	0.3307	0.1772	-0.0342	0.8882
solar-flare	0.7698	0.0767	0.6782	0.7053	0.2293
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
spam-detection	0.9520	0.0480	0.8498	0.6979	0.4438
spect	0.7798	0.2309	0.6534	0.2576	0.7652
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.2264	0.0322	0.0884	0.1760	0.2498
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	0.9892	0.0108	0.9885	0.9767	0.0905
steel-b	0.8308	0.1692	0.7149	0.4114	0.6677
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9692	0.0308	0.9524	0.9001	0.1086
steel-o	0.7179	0.2821	0.6773	0.3502	0.8140
steel-p	0.9179	0.0821	0.6440	0.2387	0.5624
steel-s	0.9744	0.0256	0.8105	0.5351	0.0824
steel-z	0.9487	0.0513	0.8367	0.6410	0.2966
stock	0.8542	0.1458	0.7232	0.4303	0.6432
stockb	0.8326	0.1116	0.8435	0.7491	0.2432
streaming	0.9420	0.0580	0.9416	0.8830	0.2986
stress	0.9683	0.0127	0.9685	0.9603	0.0459
student-lifestyle	0.4500	0.2200	0.2906	0.1419	0.6208
student-habits	0.3100	0.2760	0.2061	0.0157	0.8347
student-weekend	0.2923	0.2831	0.1693	-0.0078	0.8219
student-workday	0.6562	0.1375	0.1925	0.0645	0.4959
studentap	0.5385	0.3077	0.5174	0.2778	0.6337
swarm_aligned	0.9975	0.0025	0.9971	0.9942	0.0165
swarm_flocking	0.9992	0.0008	0.9992	0.9983	0.0085
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.7333	0.1778	0.7357	0.6000	0.4205
telco-churn	0.8580	0.1420	0.8073	0.5881	0.5057
texture	0.9200	0.0145	0.9215	0.9119	0.1075
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
Thyroid_Diff	0.8421	0.1579	0.7983	0.5698	0.5365
tic-tac-toe	0.9684	0.0316	0.9650	0.9276	0.1262
tis10%	0.7463	0.2537	0.6014	0.1832	0.8036
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.3529	0.3235	0.3141	0.1422	0.6120
toxicity	0.6471	0.3529	0.5597	0.0893	0.8324
toxicity-13f	0.8235	0.1765	0.8152	0.5641	0.3671
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc	0.4878	0.1138	0.3773	0.3242	0.3856
trec12-wc	0.6774	0.0806	0.6389	0.5856	0.2145
trec21-wc	0.7273	0.0909	0.2638	0.2326	0.2985
trec23-wc	0.5714	0.1429	0.4456	0.3527	0.3673
trec31-wc	0.7849	0.0717	0.7401	0.7017	0.2424
trec41-wc	0.6818	0.0636	0.5226	0.5924	0.2595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec45-wc	0.6087	0.0783	0.5383	0.5263	0.3078
turkish	0.5500	0.2250	0.5578	0.4000	0.5459
urban	0.5373	0.1028	0.5340	0.4544	0.3686
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
vehicle	0.6667	0.1667	0.6579	0.5568	0.3925
vehicleVAN	0.9167	0.0833	0.8853	0.7586	0.3445
voice	0.5833	0.4167	0.3684	-0.1538	0.9376
vote	0.7442	0.2558	0.7473	0.4898	0.7452
vowel	0.4343	0.1028	0.4602	0.3778	0.3155
vowelZ	0.8990	0.1010	0.6625	0.3210	0.6623
wap-wc	0.4808	0.0519	0.2874	0.4059	0.4083
warpar10p	0.3846	0.1231	0.3482	0.3203	0.2151
warppie10p	0.7143	0.0571	0.7539	0.6826	0.1412
water_pollution	0.2833	0.3583	0.2805	0.0439	0.8436
waveform	0.6100	0.2600	0.6132	0.4152	0.6425
weather-related	0.8942	0.0192	0.9269	0.8792	0.0944
web-phishing	0.8963	0.0691	0.8772	0.8177	0.3276
Weekly	0.9722	0.0278	0.9720	0.9439	0.1734
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9650	0.0175	0.9666	0.9533	0.0691
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.8235	0.1176	0.7583	0.6752	0.3011
winequality-red	0.6730	0.1090	0.3400	0.4761	0.4907
winequality-white	0.5849	0.1186	0.3214	0.3687	0.5575
winnipeg10%	0.9693	0.0088	0.9714	0.9611	0.0670
wisc_bc	0.9123	0.0877	0.9110	0.8170	0.3989
yale	0.0625	0.1250	0.0444	-0.0042	0.2394
yeast	0.4324	0.1135	0.3349	0.2693	0.4673
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.6344	0.0731	0.6032	0.5866	0.4182

Table 455: Detailed results for RSIMCA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.8732	0.1268	0.4662	-0.0137	0.1101
abalone9-18	0.6301	0.3699	0.6048	0.0946	0.3313
accelerometer	0.9569	0.0431	0.6613	0.2777	0.5029
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7799	0.2201	0.7217	0.4383	0.7370
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.4444	0.5556	0.5205	0.0176	0.4018
AID_1431_KlekotaRothFingerprinter	0.5794	0.4206	0.5673	0.0738	0.4497
AID_1431_MACCSFingerprinter	0.6905	0.3095	0.4085	-0.1433	0.5640
AID_1878	0.6857	0.3143	0.5711	0.1348	0.7832
AID_602330	0.6875	0.3125	0.6435	0.1241	0.2873
AID_652128	0.8182	0.1212	0.3017	-0.0206	0.6498
AID1284Morered	0.6667	0.3333	0.6035	0.1660	0.6472
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.7087	0.2913	0.5505	0.0642	0.4664
AID1608red	0.5631	0.4369	0.5649	0.0531	0.3265
AID362red	0.7967	0.2033	0.5735	0.0393	0.1640
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red	0.8571	0.1429	0.8250	0.5882	0.5283
AID456red	0.7164	0.2836	0.5126	0.0011	0.0315
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.3939	-0.0938	0.8482
AID644red	0.5500	0.4500	0.4369	-0.1250	0.9680
AID687AID721red	0.9126	0.0874	0.5866	0.0057	0.0168
AID687red	0.7663	0.2337	0.5394	0.0043	0.0358
AID688red	0.6984	0.3016	0.4847	-0.0035	0.0854
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.5681	0.4319	0.6430	0.2170	0.6738
air_pollution	0.1833	0.2333	0.1704	0.0326	0.8470
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8208	0.1792	0.8184	0.6269	0.5931
alcohol	0.6190	0.1524	0.3711	0.3373	0.5443
all-aml	0.6667	0.3333	0.7500	0.4000	0.5283
alzheimers	0.7442	0.2558	0.7284	0.4549	0.7666
anneal	0.7416	0.1034	0.8007	0.5917	0.3246
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.8248	0.0876	0.7239	0.6923	0.3253
anuran-genus	0.7191	0.0702	0.7213	0.6033	0.3021
anuran-species	0.7319	0.0536	0.7731	0.6573	0.2073
anxiety	0.0833	0.2037	0.0677	-0.0318	0.8077
apple-quality	0.8175	0.1825	0.8178	0.6350	0.6282
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arcene	0.6500	0.3500	0.6179	0.1860	0.7848
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.6225	0.3775	0.6852	0.2395	0.4722

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.7564	0.2436	0.8039	0.5395	0.4907
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.7931	0.2069	0.8199	0.5797	0.4308
autos	0.3500	0.2600	0.5071	0.2285	0.4431
avila	0.2295	0.1284	0.4815	0.1785	0.5217
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.9194	0.0538	0.8845	0.8604	0.3020
bank	0.7213	0.2787	0.7193	0.3180	0.4976
banknote	0.9562	0.0438	0.9579	0.9122	0.2070
bankruptcy	0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria	0.4493	0.5507	0.5598	0.0704	0.7364
basehock	0.2613	0.7387	0.2613	-0.4773	1.0000
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.2780	0.7220	0.5636	0.0066	0.0344
biodeg	0.6857	0.3143	0.6563	0.2343	0.6908
biomed	0.6667	0.3333	0.7483	0.3951	0.5223
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.5530	0.2235	0.5541	0.4040	0.5175
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7856	0.5435	0.6436
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.5969	0.6633	0.1325
bridges	0.5000	0.1667	0.3000	0.2857	0.3057
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9000	0.1000	0.9010	0.7826	0.4011
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.8551	0.1449	0.8705	0.7089	0.4373
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9138	0.0431	0.8770	0.8022	0.1813
car-insurance	0.6390	0.3610	0.6445	0.2704	0.8161
card	0.7536	0.2464	0.7446	0.4871	0.7464
cardiotocography	0.6995	0.0601	0.6847	0.6473	0.3801
cardiotocography-nsp	0.7277	0.1815	0.6797	0.4472	0.4982
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.8985	0.0677	0.9086	0.8472	0.1900
cars	0.6250	0.2500	0.2564	0.0000	0.3255
cas_N6512_cdk_ECFP2	0.3932	0.6068	0.3988	-0.1941	1.0000
cas_N6512_rdkit_ATOMPAIR	0.5000	0.5000	0.5075	0.0145	0.9801
cas_N6512_RDkit_AtomPair_FP	0.5337	0.4663	0.5433	0.0828	0.9531
cas_N6512_rdkit_AVALON	0.4593	0.5407	0.4557	-0.0886	1.0000
cas_N6512_RDkit_Avalon_FP	0.4233	0.5767	0.4179	-0.1641	1.0000
cas_N6512_rdkit_descriptors	0.5785	0.4215	0.5964	0.1774	0.8899
cas_N6512_rdkit_FEATMORGAN	0.4255	0.5745	0.4248	-0.1500	1.0000
cas_N6512_RDkit_Featmorgan_FP	0.4110	0.5890	0.4081	-0.1838	1.0000
cas_N6512_RDkit_FP	0.5031	0.4969	0.5105	0.0202	0.9787
cas_N6512_rdkit_LAYERED	0.5477	0.4523	0.5448	0.0896	0.9701
cas_N6512_RDkit_Layered_FP	0.5230	0.4770	0.5231	0.0460	0.9829
cas_N6512_rdkit_MACCS	0.6390	0.3610	0.6387	0.2769	0.8896
cas_N6512_RDkit_MACCS_FP	0.6779	0.3221	0.6804	0.3581	0.8399
cas_N6512_rdkit_MORGAN	0.3262	0.6738	0.3270	-0.3436	1.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.3543	0.6457	0.3568	-0.2824	1.0000
cas_N6512_rdkit_PATTERN	0.5123	0.4877	0.4864	-0.0223	0.9505
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4578	0.5422	0.4624	-0.0734	1.0000
cas_N6512_rdkit_TORSION	0.4446	0.5554	0.4521	-0.0911	1.0000
ccds1%	0.0907	0.9093	0.4662	-0.0068	0.1421
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.4870	0.5130	0.4064	-0.1835	1.0000
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.7645	0.2355	0.5806	0.0901	0.3777
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.4727	0.5273	0.5126	0.0075	0.2659
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.8256	0.1744	0.6694	0.2728	0.5487
cervical-C	0.6163	0.3837	0.4490	-0.0472	0.3736
cervical-H	0.9186	0.0814	0.7387	0.4245	0.5608
cervical-S	0.8140	0.1860	0.6683	0.2936	0.6152
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9900	0.0100	0.7106	0.1888	0.2468
chrom1910%	0.9924	0.0076	0.6784	0.1757	0.2619
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.8675	0.1325	0.6248	0.2420	0.6612
churn	0.5190	0.4810	0.6091	0.1497	0.6335
churn-bigml	0.4195	0.5805	0.6289	0.1209	0.3912
ci900367j_MACCS	0.6632	0.3368	0.6284	0.2520	0.8743
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.4524	0.3651	0.3434	0.0782	0.6829
cjs	0.5500	0.1500	0.6327	0.4667	0.3857
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.6861	0.1569	0.6767	0.5599	0.4753
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.3000	0.7000	0.5858	0.0541	0.2820
cmc	0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.5741	0.0774	0.5701	0.5051	0.2935
coil20	0.7222	0.0278	0.8066	0.7076	0.1497
college	0.8182	0.1818	0.8139	0.6010	0.5994
collins	0.4200	0.0773	0.3349	0.3610	0.2948
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.6897	0.3103	0.7632	0.4338	0.5239
colposcopies-2	0.5172	0.4828	0.6131	0.1542	0.7214
colposcopies-3	0.7241	0.2759	0.7379	0.4579	0.7367
colposcopies-4	0.5517	0.4483	0.5669	0.1171	0.8262
colposcopies-5	0.6207	0.3793	0.7089	0.2895	0.4887
colposcopies-6	0.6552	0.3448	0.6751	0.3192	0.7899
colposcopies-c	0.5172	0.4828	0.5309	0.0514	0.7987
column-2c	0.8065	0.1935	0.7688	0.5053	0.5980
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.3726	0.6274	0.3622	-0.2500	1.0000
coupon	0.5229	0.4771	0.5379	0.0715	0.9463
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.4014	0.1710	0.3872	0.2197	0.7403
covtypeCD	0.9220	0.0780	0.8339	0.6678	0.5234

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeT	0.9169	0.0831	0.7474	0.4803	0.6115
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.5614	0.4386	0.6110	0.0045	0.0114
crowdsourced	0.8507	0.0498	0.6955	0.6584	0.2919
cryotherapy	0.4444	0.5556	0.3077	0.0000	0.5302
cultivars	0.4062	0.0371	0.3605	0.3871	0.1601
customer-churn	0.8098	0.1902	0.6423	0.1124	0.2390
cybersecurity	0.1833	0.2722	0.1873	0.0201	0.8467
cyclopentane	0.6296	0.3704	0.6433	0.2742	0.8595
cylinder-bands	0.7037	0.2963	0.7518	0.4382	0.6164
darwin	0.6667	0.3333	0.7273	0.3333	0.5000
datatrieve	0.2308	0.7692	0.5638	0.0299	0.2192
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.6818	0.2222	0.5283
default	0.6183	0.3817	0.6168	0.2004	0.7449
defect	0.8302	0.1698	0.7163	0.4279	0.7024
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.7246	0.2754	0.6966	0.2984	0.5484
depressed	0.5455	0.4545	0.5597	0.0867	0.6572
dermatology	0.9459	0.0180	0.9423	0.9324	0.0487
desharnais	0.2500	0.5000	0.1667	-0.1429	0.6406
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7000	0.3000	0.4807	-0.0286	0.8615
diabetes	0.8269	0.1731	0.8156	0.6164	0.5709
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%	0.3529	0.4314	0.3276	-0.0449	0.7787
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.9500	0.0250	0.9367	0.9306	0.0692
diamonds_all	0.1989	0.3204	0.3157	0.0755	0.6488
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.7059	0.2857	0.5283
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5417	0.4583	0.3514	-0.0820	0.8246
dlbcl-stanford	0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%	0.0412	0.9588	0.5102	0.0002	0.0084
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5058	0.4942	0.5068	0.0136	0.9933
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.5530	0.2980	0.5285	0.3198	0.5964
drug-01	0.1809	0.2340	0.1840	0.0365	0.7211
drug-02	0.3883	0.1748	0.2701	0.1870	0.8126
drug-03	0.5000	0.1667	0.2470	0.1411	0.7403
drug-04	0.2872	0.2036	0.2451	0.1082	0.7636
drug-05	0.3298	0.1915	0.2067	0.0208	0.6424
drug-06	0.2234	0.2219	0.2420	0.1105	0.6835
drug-07	0.2713	0.2429	0.1608	0.0270	0.7396
drug-08	0.3138	0.1960	0.2059	0.1053	0.7595
drug-09	0.5638	0.1454	0.1998	0.1346	0.6131
drug-10	0.4468	0.1581	0.3144	0.2212	0.7374
drug-11	0.5532	0.1277	0.2959	0.1527	0.5872
drug-12	0.5266	0.1578	0.2602	0.1352	0.5846
drug-13	0.4894	0.1459	0.2818	0.2550	0.6873

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-14	0.4787	0.1489	0.2411	0.2295	0.6697
drug-15	0.4521	0.1565	0.1855	0.0827	0.7690
drug-16	0.5745	0.1418	0.3779	0.3890	0.5561
drug-17	0.2926	0.2021	0.2063	0.1134	0.7107
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.5638	0.1246	0.2081	0.1883	0.5633
drybean	0.8824	0.0336	0.8998	0.8584	0.1765
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM	0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU	0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.2322	-0.0093	0.8046
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6088	0.3912	0.6151	0.2256	0.9017
eeg10%	0.1980	0.1003	0.2470	0.1363	0.6616
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4110	0.2356	0.3543	0.2234	0.5343
euthyroid	0.9304	0.0696	0.7776	0.5405	0.5024
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5474	0.4526	0.6216	0.0456	0.5212
fakenews	0.5250	0.4750	0.5250	0.0499	0.9851
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.1870	0.0956	0.0951	0.0108	0.5405
fertility	0.5000	0.5000	0.3333	-0.1905	0.5180
finance	0.4706	0.5294	0.4937	-0.0103	0.9354
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.1065	0.0117	0.0646	0.0890	0.8618
forest	0.8077	0.0962	0.8280	0.7426	0.1784
gas	0.6377	0.1208	0.6712	0.5476	0.2699
gastrointestinal	0.6250	0.2500	0.6148	0.4182	0.4923
gender	0.3621	0.4253	0.4252	0.1050	0.6631
gene	0.3880	0.4080	0.3870	0.0824	0.7760
german	0.7400	0.2600	0.6987	0.3795	0.7565
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.6196	0.3804	0.6214	0.2408	0.9047
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.3810	0.2063	0.0920	0.0000	0.3180
glass-g2	0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP	0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP	0.3333	0.6667	0.2500	0.0000	0.5000
glassContainers	0.9091	0.0909	0.8382	0.6207	0.5283
glassNW	0.7619	0.2381	0.4324	0.0000	0.3902
glassTableware	0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.6061	0.6667	0.1393
glioma-grade	0.7024	0.2976	0.7053	0.4048	0.8011
green	0.5000	0.5000	0.6644	0.1935	0.5170
grub-damage	0.4000	0.3000	0.4781	0.1964	0.5550
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.6667	0.3333	0.6389	0.2647	0.8104
hapt	0.6112	0.0648	0.6571	0.5485	0.2329
har	0.5163	0.1935	0.5433	0.3942	0.5693
har70	0.0899	0.2600	0.0236	0.0000	0.3023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har701%	0.6358	0.1040	0.4560	0.4733	0.3641
har7010%	0.6796	0.0915	0.5065	0.5204	0.3345
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.1850	0.1358	0.2157	0.1130	0.3218
harth10%	0.1964	0.1339	0.2304	0.1229	0.3351
hayes-roth	0.3750	0.4167	0.3918	0.0533	0.7396
hcc-survival	0.7059	0.2941	0.7286	0.4295	0.7316
health-activity	0.3900	0.3050	0.2351	-0.0099	0.5867
heart	0.8148	0.1852	0.8241	0.6322	0.5905
heart-attack	0.8065	0.1935	0.8366	0.6235	0.4416
heart-c	0.8667	0.1333	0.8705	0.7345	0.4958
heart-failure	0.7140	0.2860	0.7530	0.4493	0.6395
heart-quantum	0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.7042	0.2958	0.7348	0.4107	0.6507
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.5364	0.4636	0.6069	0.1159	0.6789
higgs1%	0.5648	0.4352	0.6105	0.1625	0.7745
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0714	0.2321	0.0167	0.0000	0.3977
hinselmann	0.9000	0.1000	0.8361	0.6154	0.2404
hitters	0.5312	0.4688	0.5243	0.0476	0.9783
hiv1-proteasa	0.2327	0.7673	0.4117	-0.0696	0.5749
hiva	0.1111	0.8889	0.4589	-0.0089	0.1426
horse	0.5833	0.2778	0.5395	0.3510	0.5872
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5104	0.3264	0.5586	0.2358	0.5610
htru2	0.8855	0.1145	0.7992	0.5401	0.5617
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.5915	0.4085	0.5931	0.0958	0.4043
ilpd	0.7288	0.2712	0.6369	0.2613	0.8145
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.8467	0.0767	0.8518	0.7956	0.2579
ionosphere	0.6571	0.3429	0.7445	0.3860	0.5303
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9000	0.1000	0.9049	0.7920	0.2958
isolet	0.8062	0.0149	0.8290	0.7984	0.1353
jm1	0.2259	0.7741	0.5041	0.0016	0.4580
jvowels	0.9086	0.0203	0.9086	0.8963	0.1174
kc1	0.4692	0.5308	0.6061	0.1191	0.5107
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.5333	0.4667	0.6429	0.1176	0.2820
kc2	0.6346	0.3654	0.7233	0.3288	0.5142
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.7492	0.2508	0.7815	0.5075	0.5732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.5882	0.0358	0.5795	0.5681	0.1012
led24	0.5000	0.1111	0.4720	0.4269	0.2390
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.6710	0.0253	0.7031	0.6575	0.2641
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.4444	0.0741	0.5033	0.4069	0.2216
linkage1%	0.9974	0.0026	0.8589	0.7046	0.4943
linkage10%	0.9973	0.0027	0.8745	0.7231	0.5061
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9297	0.0703	0.9263	0.8519	0.3541
localization	0.0983	0.1639	0.1574	0.0210	0.7734
localization10%	0.2081	0.1440	0.3042	0.1448	0.6708
lrs	0.3208	0.1941	0.4868	0.2306	0.2659
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9043	0.0957	0.9012	0.8006	0.4106
madelon	0.5308	0.4692	0.5308	0.0615	0.9810
magic04	0.5208	0.4792	0.6567	0.1931	0.5886
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.6979	0.3021	0.6964	0.3927	0.8245
marketing	0.6116	0.3884	0.6623	0.2232	0.5431
maternal	0.6436	0.2376	0.6669	0.4659	0.5450
math	0.8000	0.1000	0.7200	0.6806	0.2904
mba	0.4403	0.3731	0.3720	0.0905	0.4810
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.2020	0.0110	0.8509
messidor	0.6000	0.4000	0.6006	0.0988	0.6707
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	0.8889	0.0741	0.8730	0.8235	0.1114
meter-C	0.3889	0.3056	0.4475	0.1574	0.4986
meter-D	0.7222	0.1389	0.7755	0.6311	0.2556
mfeat-fac	0.9300	0.0140	0.9334	0.9222	0.0791
mfeat-fou	0.5100	0.0980	0.5875	0.4556	0.3717
mfeat-kar	0.8600	0.0280	0.8782	0.8444	0.1319
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.9300	0.0140	0.9328	0.9222	0.0821
mfeat-zer	0.8000	0.0400	0.7861	0.7778	0.1259
mice-prot	0.6204	0.0949	0.7127	0.5661	0.2518
milk	0.2358	0.5094	0.1272	0.0000	0.4229
mines	0.5882	0.1647	0.6109	0.4843	0.3806
mobile	0.3601	0.0229	0.4092	0.3485	0.2376
monks-1	0.5091	0.4909	0.5327	0.0326	0.7720
monks-2	0.6230	0.3770	0.6064	0.2096	0.8875
monks-3	0.8393	0.1607	0.8596	0.6818	0.4011
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.7232	0.2768	0.7229	0.4458	0.7899
music	0.3817	0.1124	0.4186	0.2751	0.6658

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
musk	0.8848	0.1152	0.7515	0.4851	0.5776
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.6547	0.3453	0.6559	0.3080	0.8611
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.6595	0.3405	0.6545	0.3082	0.8675
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.6466	0.3534	0.6767	0.3216	0.7862
myocardial	0.4353	0.1412	0.1848	0.0448	0.4837
naticusdroid	0.8145	0.1855	0.8185	0.6289	0.6083
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.5733	0.0449	0.2812	0.2994	0.7135
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.7143	0.1905	0.7597	0.5333	0.4045
new-thyroidT	0.7619	0.2381	0.6749	0.3137	0.6728
newspop	0.5111	0.4889	0.5150	0.0295	0.9834
NHANES_age_prediction	0.9075	0.0925	0.8604	0.7035	0.5270
nomao	0.7301	0.2699	0.7684	0.4725	0.6013
NPHA-doctor-visits	0.3889	0.4074	0.3950	0.0219	0.7553
nursery	0.6836	0.1582	0.6922	0.5412	0.4120
obesity	0.6256	0.1070	0.6462	0.5628	0.3698
obs	0.7407	0.1296	0.7657	0.6065	0.3023
occupancy	0.9679	0.0321	0.9586	0.9138	0.2562
Occupancy_Estimation	0.6436	0.1782	0.7046	0.3757	0.3299
oh0-wc	0.1584	0.1683	0.0286	-0.0240	0.4506
oh10-wc	0.1524	0.1695	0.0815	0.0089	0.5225
oh15-wc	0.1304	0.1739	0.0485	-0.0181	0.5534
oh5-wc	0.1429	0.1714	0.1543	0.0146	0.6386
olive	0.9649	0.0078	0.9554	0.9565	0.0249
opn310k	0.0909	0.9091	0.0833	0.0000	0.2192
opn310k10%	0.9085	0.0915	0.5794	0.0742	0.4802
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9555	0.0089	0.9587	0.9505	0.0597
optdigitsZ	0.9715	0.0285	0.9067	0.7947	0.0927
orl	0.8000	0.0100	0.7742	0.7949	0.0461
orlraws10P	0.4000	0.1200	0.3520	0.3333	0.2428
ovarian-cancer	0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6495	0.3505	0.5871	0.1705	0.8997
P-Glycoprotein_c_RDkit_AtomPair_FP	0.6429	0.3571	0.6396	0.2748	0.8798
p53-mutants10%	0.8248	0.1752	0.6533	0.0290	0.0497
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.8833	0.1167	0.8858	0.7645	0.4619
parkinsons	0.7204	0.2796	0.6952	0.3867	0.8027
parkinsons-small	0.7895	0.2105	0.8155	0.5682	0.5164
particle	0.7308	0.2692	0.7462	0.4504	0.6728
particle10%	0.7562	0.2438	0.7534	0.4800	0.6886
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.2252	0.7748	0.5618	0.0277	0.2075

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcmac	0.5000	0.5000	0.4905	-0.0191	0.9939
pcos	0.8967	0.1033	0.8794	0.7295	0.4689
pd	0.5921	0.4079	0.5769	0.1389	0.8159
pediatric-leukemia	0.0882	0.2605	0.0286	0.0066	0.4310
pendigits	0.8408	0.0318	0.8702	0.8227	0.1442
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6900	0.3100	0.6818	0.3536	0.8056
phishing	0.8122	0.1878	0.8003	0.5909	0.6208
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.4763	0.1496	0.5080	0.3878	0.5005
phone-acc1%	0.3590	0.1831	0.3930	0.2524	0.6463
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.4530	0.1563	0.5611	0.3650	0.4305
phone-gyr1%	0.4000	0.1714	0.4400	0.3012	0.5814
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7667	0.2333	0.7525	0.4882	0.7041
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6711	0.3289	0.7063	0.3734	0.7368
pirvision	0.2933	0.4712	0.3918	0.0739	0.2622
placement	0.7600	0.2400	0.7587	0.5150	0.7307
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.6111	0.3889	0.4834	-0.0328	0.9365
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.1532	0.2420	0.2013	0.0212	0.7193
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.7568	0.2432	0.5611	0.0609	0.3360
polish-2nd	0.4720	0.5280	0.5447	0.0227	0.2131
polish-3rd	0.4886	0.5114	0.5704	0.0431	0.2453
polish-4th	0.2582	0.7418	0.5570	0.0238	0.1826
polish-5th	0.5431	0.4569	0.5908	0.0796	0.3476
polya	0.7276	0.2724	0.6998	0.3992	0.8008
popularity	0.3445	0.4370	0.3867	0.0474	0.6852
post-operative	0.5556	0.4444	0.3571	-0.2000	0.9762
postures	0.5695	0.1722	0.6068	0.4632	0.4187
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6753	0.3235	0.7967
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.4627	0.5373	0.5921	0.1119	0.6867
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.4286	0.5714	0.3000	-0.2727	1.0000
prostate_GE	0.6364	0.3636	0.7179	0.3125	0.5164
puc-rio	0.5983	0.1607	0.6153	0.4804	0.4394
puc-rio10%	0.5625	0.1750	0.5777	0.4444	0.4721
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.4958	0.5042	0.4958	-0.0083	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.8691	0.1309	0.7907	0.5095	0.5511
raisin	0.8222	0.1778	0.8305	0.6444	0.5603
re0-wc	0.1200	0.1354	0.0483	-0.0643	0.4698
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.5427	0.4573	0.4512	-0.0247	0.2277
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9802	0.0198	0.9803	0.9599	0.1108
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rocket	0.5559	0.4441	0.5306	0.0607	0.9687
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.7278	0.0907	0.7611	0.6734	0.2694
satimageF	0.9767	0.0233	0.9403	0.8805	0.2798
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.4444	0.5556	0.4696	-0.0465	0.7758
schizo	0.4412	0.5588	0.4402	-0.1176	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.5064	0.4936	0.5575	0.0448	0.3268
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.7229	0.0792	0.7691	0.6763	0.2763
segmentation	0.8218	0.1782	0.8070	0.6139	0.6414
segmentO	0.9221	0.0779	0.8321	0.6026	0.1973
seismic	0.5155	0.4845	0.5776	0.0626	0.3274
semeion	0.9434	0.0566	0.8258	0.5832	0.1536
sens-1-gram	0.4474	0.5526	0.5649	0.0682	0.4949
sens-2-gram	0.4895	0.5105	0.5141	0.0171	0.5668
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.5856	0.0753	0.6040	0.5442	0.3831
sepsis	0.8471	0.1529	0.5183	0.0365	0.7240
shoppers	0.6951	0.3049	0.6600	0.2642	0.6463
shuttle	0.5095	0.1401	0.6066	0.2778	0.3329
sick	0.7135	0.2865	0.5772	0.0966	0.4548
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9269	0.0731	0.9099	0.8035	0.4100
skin10%	0.9163	0.0837	0.8995	0.7786	0.4319
smarket	0.8800	0.1200	0.8805	0.7601	0.4836
smart-farming	0.1200	0.4400	0.0962	-0.1815	0.7967
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2367	0.3053	0.2360	0.0489	0.8055
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.5500	0.4500	0.5730	0.1000	0.8046
soybean	0.8971	0.0108	0.9094	0.8869	0.0580
spam-detection	0.7660	0.2340	0.7072	0.3102	0.5175
spambase	0.5587	0.4413	0.6085	0.1820	0.8222
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.5678	0.4322	0.5401	0.0734	0.8437
splice-IE	0.4164	0.5836	0.4660	-0.0503	0.7830
sport-articles	0.4500	0.5500	0.6004	0.0894	0.6094
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	0.8065	0.1935	0.7860	0.5714	0.6708
steel_industry	0.6276	0.2483	0.6457	0.4464	0.5548
steel-b	0.8103	0.1897	0.7118	0.4235	0.7296
steel-d	0.9692	0.0308	0.6983	0.3849	0.5335
steel-k	0.9590	0.0410	0.9356	0.8668	0.2057
steel-o	0.5949	0.4051	0.5677	0.1347	0.9231
steel-p	0.8923	0.1077	0.7705	0.4990	0.5901
steel-s	0.9692	0.0308	0.7646	0.3900	0.0945
steel-z	0.9641	0.0359	0.8902	0.7688	0.2519
stellar	0.6471	0.2353	0.6801	0.4469	0.5264

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stock	0.2708	0.7292	0.5763	0.0428	0.3881
stockb	0.9604	0.0264	0.9620	0.9405	0.1026
streaming	0.6860	0.3140	0.7306	0.3983	0.6542
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.7545	0.2455	0.7434	0.4771	0.7278
student-habits	0.2800	0.2880	0.2462	0.0237	0.8059
student-weekend	0.2154	0.3138	0.1783	-0.0042	0.7466
student-workday	0.6094	0.1562	0.1933	0.1566	0.4784
studentap	0.3077	0.4615	0.2347	-0.1038	0.7596
susy1%	0.6006	0.3994	0.6602	0.2396	0.6990
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.4667	0.3556	0.4722	0.2000	0.6720
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9236	0.0139	0.9298	0.9157	0.0780
theorem	0.8232	0.1768	0.8282	0.6468	0.5938
thoracic	0.7447	0.2553	0.5503	0.0990	0.7759
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.6421	0.3579	0.6598	0.2963	0.8036
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2537	0.7463	0.5582	0.0049	0.4405
titanic	0.6864	0.3136	0.6010	0.1832	0.8448
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7519	0.6837	0.2299
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6898	0.2056	0.4505
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.4933	0.5067	0.5292	0.0462	0.7788
trec12-wc	0.1935	0.2016	0.0769	0.0456	0.3930
trec21-wc	0.4848	0.2061	0.1834	-0.0018	0.3394
trec23-wc	0.1905	0.2698	0.3109	0.0916	0.4069
trec31-wc	0.2043	0.2652	0.1585	-0.0393	0.6185
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.5750	0.2125	0.6387	0.4333	0.4248
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.7462	0.2538	0.7792	0.5119	0.6172
tvnews10%	0.6808	0.3192	0.6835	0.3565	0.8118
ur3_cobotops_grip	0.5524	0.4476	0.5762	0.0401	0.1969
ur3_cobotops_stop	0.9537	0.0463	0.6732	0.3464	0.6015
urban	0.7612	0.0531	0.7745	0.7194	0.1668
urinalysis	0.7832	0.2168	0.6584	0.2068	0.4403
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.5000	0.2500	0.5490	0.3563	0.4411
vehicleVAN	0.8810	0.1190	0.8382	0.6226	0.2769
voice	0.7500	0.2500	0.7252	0.3077	0.4205
vote	0.8605	0.1395	0.8604	0.7208	0.5361
vowel	0.3131	0.1249	0.2756	0.2444	0.3550
vowelZ	0.7980	0.2020	0.7543	0.3889	0.4874
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.6154	0.0769	0.5354	0.5724	0.1230
warppie10p	0.9048	0.0190	0.9243	0.8939	0.0443
watch-acc1%	0.4355	0.1613	0.5028	0.3402	0.5201
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.4189	0.1660	0.4984	0.3206	0.4768

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-gyr10%	0.3783	0.1776	0.4063	0.2739	0.5386
water_pollution	0.2567	0.3717	0.2579	0.0086	0.8494
waveform	0.8440	0.1040	0.8441	0.7660	0.3547
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.0741	0.6173	0.0460	0.0000	0.3984
Weekly	0.9537	0.0463	0.9533	0.9064	0.2542
weight-lift	0.4787	0.2085	0.5067	0.3472	0.6097
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9750	0.0125	0.9754	0.9667	0.0484
wilt	0.7950	0.2050	0.6483	0.1896	0.4257
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.4403	0.1866	0.3635	0.1827	0.7005
winequality-white	0.2270	0.2577	0.3268	0.1081	0.6253
winnipeg10%	0.9316	0.0196	0.8901	0.9134	0.1720
wisc_bc	0.8947	0.1053	0.9026	0.7865	0.3750
yale	0.3750	0.0833	0.3180	0.3333	0.1952
yeast	0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX	0.8367	0.1633	0.7247	0.2847	0.3900
yeastEXC	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1	0.9730	0.0270	0.8012	0.5866	0.5496
yeastME2	0.8176	0.1824	0.6577	0.2097	0.4363
zip	0.7484	0.0503	0.7887	0.7189	0.2173

Table 456: Detailed results for RUG

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1470	0.0812	0.0958	0.0782	0.6442
abalone19	0.9833	0.0167	0.4958	-0.0083	0.4907
abalone9-18	0.8904	0.1096	0.4710	-0.0580	0.6481
accelerometer	0.9065	0.0935	0.6826	0.2113	0.3416
accident	0.4000	0.6000	0.4000	-0.2000	1.0000
ads	0.9634	0.0366	0.9256	0.8510	0.3397
adult	0.8233	0.1767	0.8009	0.5793	0.6235
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8254	0.1746	0.4522	-0.0957	0.7098
AID_1431_KlekotaRothFingerprinter	0.8016	0.1984	0.4830	-0.0328	0.6707
AID_1431_MACCSFingerprinter	0.8333	0.1667	0.5684	0.1325	0.6789
AID_1878	0.6952	0.3048	0.5062	0.0123	0.8337
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.7273	0.1818	0.2807	-0.1250	0.6013
AID1284Morered	0.7222	0.2778	0.4194	-0.1613	0.7929
AID1284red	0.7222	0.2778	0.5028	0.0055	0.7605
AID1608Morered	0.9223	0.0777	0.6935	0.3869	0.6327
AID1608red	0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red	0.9766	0.0234	0.5774	0.1548	0.5701
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9950	0.0050	0.6439	0.2833	0.5339
AID644Morered	0.6000	0.4000	0.5238	0.0476	0.9294
AID644red	0.5500	0.4500	0.4886	-0.0227	0.9383
AID687AID721red	0.9985	0.0015	0.4996	-0.0007	0.4457
AID687red	0.9864	0.0136	0.4966	-0.0047	0.2962
AID688red	0.8062	0.1938	0.5133	0.0048	0.1116
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.5556	0.4444	0.5303	0.0526	0.7987
AID746red	0.8724	0.1276	0.5744	0.0291	0.1076
aids	0.8639	0.1361	0.8248	0.6472	0.5946
air_pollution	0.1967	0.2295	0.1504	0.0239	0.8916
air-booking	0.6558	0.3442	0.6451	0.2236	0.6169
airline	0.9532	0.0468	0.9523	0.9046	0.2534
alcohol	0.7619	0.0952	0.5350	0.4938	0.3592
alzheimers	0.9302	0.0698	0.9235	0.8469	0.3523
anneal	0.9775	0.0090	0.9742	0.9538	0.1270
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9402	0.0299	0.9127	0.8873	0.1396
anuran-genus	0.9110	0.0223	0.7552	0.8539	0.3180
anuran-species	0.8944	0.0211	0.7494	0.8534	0.1784
anxiety	0.1167	0.1963	0.1183	0.0060	0.8163
apple-quality	0.8225	0.1775	0.8226	0.6450	0.6195
aps-failure	0.9762	0.0238	0.8026	0.5573	0.5417
arabidopsis0.1%	0.9882	0.0118	0.6637	0.3274	0.5532
arabidopsis1%	0.9499	0.0501	0.5966	0.1023	0.2763
arcene	0.8000	0.2000	0.8077	0.5455	0.4011
arrhythmia	0.6000	0.0800	0.5521	0.3887	0.2766
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.8182	0.0331	0.7761	0.7816	0.0859
autos	0.8000	0.0800	0.7894	0.7315	0.1353
avila	0.4423	0.0930	0.3849	0.3043	0.5966
babies	0.2016	0.2281	0.1228	-0.0444	0.7409
balance	0.8387	0.1075	0.6682	0.7200	0.3837

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bank	0.8543	0.1457	0.7855	0.5107	0.5737
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
barleyblumeria	0.8756	0.1244	0.8641	0.7275	0.5112
basehock	0.9397	0.0603	0.9398	0.8794	0.3033
bio10%	0.9938	0.0062	0.8455	0.6866	0.4806
biodeg	0.8476	0.1524	0.8426	0.6830	0.5747
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.8347	0.0472	0.2680	0.0187	0.4073
body-perf	0.6022	0.1989	0.5984	0.4697	0.5316
bookings	0.8707	0.0862	0.6703	0.7485	0.0829
brain-tumor	0.4835	0.5165	0.4834	-0.0332	1.0000
breast-cancer	0.7500	0.2500	0.7315	0.4494	0.7344
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.2727	0.7273	0.2667	-0.4667	1.0000
breast-tissue	0.7273	0.0909	0.7081	0.6667	0.1559
bridges	0.7000	0.1000	0.6073	0.5946	0.1749
bub10at310k-hg16-17	0.7983	0.2017	0.6900	0.3102	0.5717
bub12at310k-hg16-17	0.8043	0.1957	0.6946	0.3208	0.5748
bub8at310k-hg16-17	0.7933	0.2067	0.6994	0.3189	0.5565
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.3630	0.4247	0.3219	-0.0134	0.8192
car	0.7989	0.1006	0.5407	0.5831	0.3145
car-insurance	0.8350	0.1650	0.8228	0.6381	0.6080
card	0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography	0.7089	0.0582	0.6770	0.6453	0.2764
cardiotocography-nsp	0.9014	0.0657	0.8331	0.7222	0.3411
cardiovascular	0.7253	0.2747	0.7262	0.4505	0.7814
cars	0.7250	0.1833	0.6561	0.5089	0.5818
cas_N6512_cdk_ECFP2	0.7250	0.2750	0.7250	0.4492	0.7853
cas_N6512_rdkit_ATOMPAIR	0.6985	0.3015	0.6985	0.3962	0.8209
cas_N6512_RDkit_AtomPair_FP	0.7377	0.2623	0.7372	0.4740	0.7683
cas_N6512_rdkit_AVALON	0.7588	0.2412	0.7589	0.5169	0.7342
cas_N6512_RDkit_Avalon_FP	0.7837	0.2163	0.7851	0.5679	0.6881
cas_N6512_rdkit_descriptors	0.7477	0.2523	0.7475	0.4943	0.7525
cas_N6512_rdkit_FEATMORGAN	0.7081	0.2919	0.7145	0.4214	0.7877
cas_N6512_RDkit_Featmorgan_FP	0.7316	0.2684	0.7312	0.4619	0.7769
cas_N6512_RDkit_FP	0.6902	0.3098	0.6892	0.3782	0.8334
cas_N6512_rdkit_LAYERED	0.7415	0.2585	0.7415	0.4822	0.7614
cas_N6512_RDkit_Layered_FP	0.7500	0.2500	0.7487	0.4974	0.7511
cas_N6512_rdkit_MACCS	0.8080	0.1920	0.8065	0.6116	0.6463
cas_N6512_RDkit_MACCS_FP	0.7807	0.2193	0.7817	0.5616	0.6944
cas_N6512_rdkit_MORGAN	0.7754	0.2246	0.7742	0.5483	0.7098
cas_N6512_RDkit_morgan_FP	0.7561	0.2439	0.7571	0.5125	0.7357
cas_N6512_rdkit_PATTERN	0.7631	0.2369	0.7642	0.5265	0.7240
cas_N6512_RDkit_pattern_FP	0.7531	0.2469	0.7529	0.5052	0.7439
cas_N6512_rdkit_RDKITFP	0.7189	0.2811	0.7183	0.4363	0.7952
cas_N6512_rdkit_TORSION	0.7292	0.2708	0.7347	0.4624	0.7610
ccds1%	0.9313	0.0687	0.5797	0.1580	0.6124
ccds10%	0.8151	0.1849	0.6414	0.1682	0.3832
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8342	0.1658	0.8262	0.6485	0.6062
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.8430	0.1570	0.6288	0.1834	0.4603
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.7917	0.2083	0.5891	0.1152	0.4324
CDS49_AID687_Rdkit-ecfp4-fp	0.9746	0.0254	0.5271	0.0190	0.1534
census10%	0.8519	0.1481	0.7187	0.3425	0.5127
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9186	0.0814	0.6613	0.3205	0.6437

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-C	0.9070	0.0930	0.5753	0.1506	0.6606
cervical-H	0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S	0.9302	0.0698	0.7540	0.4669	0.4550
children-anemia	0.7823	0.1088	0.7768	0.6731	0.2599
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.7856	0.5710	0.4672
chrom2110%	0.9993	0.0007	0.4998	-0.0003	0.3915
chronic-kidney	0.9036	0.0964	0.6662	0.3323	0.6607
churn	0.7970	0.2030	0.7431	0.4689	0.6910
churn-bigml	0.9101	0.0899	0.8362	0.6679	0.5551
ci900367j_MACCS	0.6632	0.3368	0.6548	0.3069	0.8569
circles	0.3780	0.0124	0.3277	0.3717	0.1336
cirrhosis	0.7143	0.1905	0.4948	0.4412	0.4281
cjs	0.9964	0.0012	0.9962	0.9956	0.0059
clave	0.7167	0.1417	0.6410	0.5962	0.4884
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8000	0.2000	0.4444	-0.1111	0.7317
cmc	0.5306	0.3129	0.5144	0.2803	0.7137
cnae-9	0.7870	0.0473	0.8081	0.7604	0.1933
codon_usage	0.5395	0.0837	0.4118	0.4590	0.5165
coil20	0.6528	0.0347	0.7039	0.6348	0.1319
college	0.8961	0.1039	0.8794	0.7528	0.4899
collins	0.7200	0.0373	0.5286	0.6899	0.0925
colposcopies-1	0.6897	0.3103	0.6650	0.3290	0.8399
colposcopies-2	0.4483	0.5517	0.3912	-0.2147	1.0000
colposcopies-3	0.6207	0.3793	0.6141	0.2276	0.9066
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.6897	0.3103	0.4961	-0.0077	0.8196
colposcopies-6	0.6897	0.3103	0.6913	0.3741	0.8142
colposcopies-c	0.7241	0.2759	0.6234	0.2468	0.8309
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.7097	0.1935	0.6242	0.5319	0.4028
comedy_comparisons1%	0.4811	0.5189	0.4864	-0.0054	0.6775
connect-4	0.9837	0.0109	0.7568	0.6769	0.4719
cottonmeloidogyne	0.7812	0.2188	0.7814	0.5626	0.6979
coupon	0.7287	0.2713	0.7237	0.4475	0.7853
covtypeCD	0.9786	0.0214	0.9572	0.9130	0.2656
covtypeT	0.9582	0.0418	0.8721	0.7298	0.5013
crabs	0.7000	0.1500	0.7185	0.6000	0.2526
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8147	0.0618	0.6135	0.6411	0.5401
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.2188	0.0488	0.1548	0.1935	0.1678
customer-churn	0.9134	0.0866	0.7245	0.2870	0.3838
cybersecurity	0.1900	0.2700	0.1959	0.0289	0.8509
cyclopentane	0.6296	0.3704	0.6181	0.2241	0.8800
cylinder-bands	0.7407	0.2593	0.7317	0.4577	0.7575
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0998	-0.0003	0.9212
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
default	0.7537	0.2463	0.6921	0.3736	0.7523
defect	0.9198	0.0802	0.8511	0.7022	0.5037
deposit	0.8445	0.1555	0.7765	0.4937	0.5822
depressed	0.6434	0.3566	0.5025	0.0046	0.7737
dermatology	0.9189	0.0270	0.9249	0.8991	0.0971
desharnais	0.1250	0.5833	0.0833	-0.4000	0.7015

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dexter	0.9167	0.0833	0.9188	0.8333	0.3549
df_final	0.3750	0.4167	0.1905	0.0000	0.4515
DIA	0.8667	0.1333	0.8179	0.5676	0.2951
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-100k	0.9065	0.0935	0.8102	0.5751	0.5649
diabetes-risk	0.8973	0.1027	0.8619	0.7152	0.5261
diabetic	0.5624	0.2917	0.4206	0.1735	0.6256
diabetic1%	0.4510	0.3660	0.3949	0.0872	0.7898
diamonds_all	0.5686	0.1726	0.5427	0.4000	0.5487
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.8333	0.1667	0.8288	0.6471	0.5639
dna0.1%	0.9906	0.0094	0.5461	0.0747	0.3844
dorothea	0.9217	0.0783	0.7830	0.5653	0.5886
dota2	0.5844	0.4156	0.5836	0.1671	0.9418
dota210%	0.5641	0.4359	0.5650	0.1295	0.9548
dropout	0.6614	0.2257	0.6244	0.4746	0.5477
drug-01	0.2234	0.2219	0.2467	0.0894	0.7146
drug-02	0.3830	0.1763	0.2336	0.1673	0.8274
drug-03	0.3989	0.1717	0.1287	-0.0221	0.7662
drug-04	0.2500	0.2143	0.1878	0.0667	0.8466
drug-05	0.1596	0.2401	0.1100	-0.0156	0.5891
drug-06	0.2500	0.2143	0.2206	0.1139	0.7661
drug-07	0.2926	0.2021	0.1311	0.0000	0.7134
drug-08	0.3457	0.1869	0.1878	0.1142	0.8035
drug-09	0.5798	0.1201	0.1427	0.0700	0.5279
drug-10	0.2660	0.2097	0.3760	0.1140	0.6482
drug-11	0.5957	0.1155	0.2241	0.1165	0.6384
drug-12	0.5798	0.1201	0.1952	0.1165	0.6174
drug-13	0.4574	0.1550	0.2125	0.2151	0.7690
drug-14	0.3670	0.1809	0.2069	0.1091	0.7368
drug-15	0.3564	0.1839	0.1760	0.0684	0.7378
drug-16	0.4574	0.1550	0.2254	0.2303	0.6337
drug-17	0.1649	0.2386	0.1801	0.0318	0.8189
drug-18	0.9840	0.0064	0.1984	-0.0053	0.1738
drug-19	0.3936	0.1733	0.1767	0.0868	0.7100
drybean	0.6745	0.0930	0.7328	0.6111	0.2751
ecoli	0.7941	0.0515	0.4379	0.7122	0.1297
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU	0.8182	0.1818	0.5816	0.1538	0.6675
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2686	0.0268	0.8251
eeg-eye	0.8071	0.1929	0.8065	0.6122	0.6506
eeg10%	0.2183	0.0977	0.2023	0.1442	0.7837
eucalyptus	0.5342	0.1863	0.5482	0.4216	0.4578
euthyroid	0.9589	0.0411	0.8767	0.7495	0.3628
fakenews	0.5375	0.4625	0.5373	0.0746	0.9769
farm-ads	0.8671	0.1328	0.8685	0.7346	0.5117
fbis-wc	0.6626	0.0397	0.6302	0.6236	0.2518
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7647	0.2353	0.7624	0.5248	0.7286
financial-risk	0.5530	0.1490	0.4495	0.3969	0.4083
fishcatch	0.8125	0.0625	0.8486	0.7659	0.1160
flags	0.5000	0.1429	0.3297	0.3730	0.3413
fonts10%	0.1057	0.0117	0.0161	0.0726	0.3661
forest	0.8654	0.0673	0.8520	0.8133	0.1496
gas	0.8382	0.0539	0.8447	0.8046	0.2061
gastrointestinal	0.6250	0.2500	0.5916	0.3846	0.5695

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gender	0.4947	0.3368	0.4257	0.1384	0.7502
gene	0.8707	0.0862	0.8613	0.7932	0.3306
german	0.6500	0.3500	0.5982	0.1935	0.8970
gestures	0.8604	0.0698	0.8617	0.8139	0.2705
gina	0.8991	0.1009	0.8992	0.7983	0.4343
gisette	0.9400	0.0600	0.9400	0.8800	0.3031
glass	0.6190	0.1270	0.6587	0.4766	0.3593
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.5106	0.2899	0.4513
gsalc	0.5556	0.1481	0.6222	0.4706	0.1789
haberman	0.7333	0.2667	0.6867	0.3684	0.7853
hapt	0.7036	0.0494	0.6634	0.6481	0.1618
har	0.1840	0.3264	0.0622	0.0000	0.3998
har701%	0.5513	0.1282	0.3498	0.4217	0.3728
harth1%	0.4646	0.0892	0.3328	0.3588	0.5922
hayes-roth	0.4375	0.3750	0.2333	0.0204	0.3352
hcc-survival	0.7647	0.2353	0.7747	0.5342	0.6845
health-activity	0.5100	0.2450	0.1880	-0.1068	0.5616
heart	0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.8000	0.2000	0.8001	0.5946	0.6479
heart-failure	0.9780	0.0220	0.9744	0.9483	0.1287
heart-quantum	0.8600	0.1400	0.8674	0.7200	0.4927
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.8533	0.1467	0.8546	0.7068	0.5433
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6727	0.3273	0.6729	0.3453	0.8527
higgs1%	0.7049	0.2951	0.7056	0.4101	0.8116
higher	0.3571	0.1607	0.2467	0.2410	0.2927
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8988	0.1012	0.8379	0.6705	0.5602
hiva	0.9173	0.0827	0.5568	0.1061	0.5583
horse	0.6111	0.2593	0.5908	0.3386	0.6349
hotel-reservartions	0.8647	0.1353	0.8493	0.6979	0.5555
hr	0.6596	0.3404	0.5339	0.0575	0.6871
ht-sensor10%	0.2982	0.4679	0.1531	0.0000	0.4201
htru2	0.9642	0.0358	0.9041	0.8035	0.4266
hypothyroid	0.9867	0.0066	0.7267	0.9220	0.1063
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6780	0.3220	0.6143	0.2285	0.8639
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.7233	0.1383	0.7813	0.6311	0.1469
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.9333	0.0444	0.9333	0.8993	0.1057
isolet	0.5661	0.0334	0.5661	0.5488	0.2587
jm1	0.6961	0.3039	0.6401	0.2561	0.7425
jvowels	0.7791	0.0491	0.7730	0.7501	0.2749

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1	0.7915	0.2085	0.6593	0.3117	0.7365
kc1-class-level-defectiveornot	0.6667	0.3333	0.6637	0.3243	0.8514
kc1-class-level-numericdefect	0.6923	0.1231	0.3687	0.3158	0.2965
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.2868	0.2038	0.4284	0.1725	0.3938
kddcup98	0.5919	0.4081	0.5437	0.0345	0.3123
kddcup981%	0.9158	0.0842	0.4780	-0.0411	0.6731
kddcup9810%	0.7319	0.2681	0.5010	0.0012	0.4012
kddcup991%	0.4158	0.0899	0.6385	0.3621	0.0971
kepler	0.7992	0.1339	0.7282	0.6688	0.3223
kidney	0.2502	0.2999	0.1990	-0.0031	0.5929
kidney-disease	0.9500	0.0500	0.9467	0.8933	0.2764
krkopt	0.1996	0.0889	0.2006	0.1185	0.6744
krvskp	0.9875	0.0125	0.9875	0.9749	0.0881
la1s-wc	0.7238	0.0921	0.6884	0.6510	0.3899
la2s-wc	0.7351	0.0883	0.7030	0.6655	0.3830
leaf	0.5882	0.0358	0.5237	0.5681	0.0933
led24	0.6500	0.0700	0.6104	0.6034	0.1299
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.3760	0.0480	0.3827	0.3510	0.4878
libra	0.4722	0.0704	0.4895	0.4338	0.2366
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7353	0.2647	0.7051	0.4093	0.7890
loan	0.9906	0.0094	0.9900	0.9801	0.0758
localization10%	0.2203	0.1418	0.1852	0.1090	0.8438
lrs	0.7358	0.0528	0.3911	0.6440	0.1895
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.6250	0.1071	0.3594	0.5385	0.0946
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.8000	0.0800	0.3765	0.4444	0.1568
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.8571	0.0952	0.9107	0.7500	0.2000
lymphoma2	0.8889	0.0247	0.5263	0.8500	0.0294
machine-failure	0.8830	0.1170	0.8790	0.7562	0.4741
madelon	0.7038	0.2962	0.7039	0.4077	0.8158
magic04	0.8611	0.1389	0.8473	0.6945	0.5554
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7812	0.2188	0.7807	0.5614	0.6988
marketing	0.8214	0.1786	0.6870	0.3684	0.7144
maternal	0.5842	0.2772	0.6003	0.3636	0.5807
math	0.8500	0.0750	0.8123	0.7674	0.2501
mba	0.6742	0.2172	0.4647	0.2700	0.4961
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2000	0.3200	0.1998	0.0008	0.8677
messidor	0.6348	0.3652	0.6268	0.2535	0.8987
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-C	0.8889	0.0556	0.8711	0.8435	0.1165
meter-D	0.7778	0.1111	0.8136	0.6923	0.1674
mfeat-fac	0.8800	0.0240	0.8819	0.8667	0.1412
mfeat-fou	0.6150	0.0770	0.6469	0.5722	0.2806
mfeat-kar	0.7950	0.0410	0.8045	0.7722	0.2038
mfeat-mor	0.5050	0.0990	0.4481	0.4500	0.2635
mfeat-pix	0.8800	0.0240	0.8827	0.8667	0.1451
mfeat-zer	0.7100	0.0580	0.7206	0.6778	0.2561
milk	0.9811	0.0126	0.9839	0.9711	0.0518
mines	0.4412	0.2235	0.4390	0.3024	0.5074

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mobile	0.2727	0.0260	0.2662	0.2594	0.2739
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	1.0000	0.0000	1.0000	1.0000	0.0000
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.2406	0.1381	0.3000	0.1312	0.6341
musk	0.9621	0.0379	0.9255	0.8496	0.2804
MUT_ci300400a_cdk_ECFP2	0.7686	0.2314	0.7690	0.5338	0.7120
MUT_ci300400a_cdk_ECFP4	0.7641	0.2359	0.7669	0.5273	0.7117
MUT_ci300400a_cdk_ECFP6	0.7437	0.2563	0.7423	0.4820	0.7555
MUT_ci300400a_cdk_ESTATE	0.7374	0.2626	0.7411	0.4752	0.7505
MUT_ci300400a_cdk_EXTENDED	0.7998	0.2002	0.7987	0.5947	0.6625
MUT_ci300400a_cdk_FCFP2	0.7617	0.2383	0.7623	0.5202	0.7225
MUT_ci300400a_cdk_FCFP4	0.7302	0.2698	0.7311	0.4578	0.7689
MUT_ci300400a_cdk_FCFP6	0.7446	0.2554	0.7484	0.4896	0.7394
MUT_ci300400a_cdk_MACCS	0.7986	0.2014	0.7947	0.5888	0.6715
MUT_ci300400a_cdk_PUBCHEM	0.8192	0.1808	0.8144	0.6288	0.6335
MUT_ci300400a_cdk_STANDARD	0.7749	0.2251	0.7712	0.5414	0.7120
MUT_ci300400a_rdkit_descriptors	0.7957	0.2043	0.7937	0.5863	0.6734
myocardial	0.6941	0.0765	0.2844	0.1177	0.6411
naticusdroid	0.9639	0.0361	0.9639	0.9277	0.2085
NCI60	0.5000	0.1667	0.5000	0.4000	0.1820
nci9	0.5000	0.1667	0.4545	0.4000	0.1541
ncRNA1%	0.0275	0.1024	0.1378	0.0190	0.5683
neo	0.7875	0.2125	0.7513	0.3852	0.4949
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.5021	0.0226	0.5103	0.4869	0.2784
newspop	0.6690	0.3310	0.6684	0.3366	0.8585
nomao	0.9553	0.0447	0.9466	0.8924	0.2886
NPHA-doctor-visits	0.3194	0.4537	0.3194	-0.0438	0.7775
nursery	0.7338	0.1065	0.5499	0.6095	0.2957
obesity	0.6635	0.0961	0.6954	0.6079	0.2753
obs	0.9444	0.0278	0.9622	0.9184	0.1020
occupancy	0.9922	0.0078	0.9892	0.9783	0.0956
Occupancy_Estimation	0.9951	0.0025	0.9833	0.9849	0.0110
oh0-wc	0.7624	0.0475	0.7625	0.7281	0.2202
oh10-wc	0.6381	0.0724	0.6444	0.5877	0.2514
oh15-wc	0.7935	0.0413	0.7773	0.7662	0.2157
oh5-wc	0.7473	0.0505	0.7284	0.7134	0.2277
ohscal-wc	0.6237	0.0753	0.6129	0.5803	0.4324
olive	0.8772	0.0273	0.8516	0.8467	0.1126
opn310k	0.8471	0.1529	0.7146	0.3840	0.6096
opn310k10%	0.8112	0.1888	0.6633	0.2795	0.6023
opnat310k-hg16-17	0.8559	0.1441	0.7193	0.3991	0.6162
optdigits	0.8612	0.0278	0.8675	0.8457	0.1722
optdigitsZ	0.9947	0.0053	0.9837	0.9674	0.1218
orl	0.4750	0.0262	0.4401	0.4615	0.1481
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ozone1hr	0.9684	0.0316	0.7198	0.4137	0.4786
ozone8hr	0.9051	0.0949	0.6038	0.2013	0.6724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7577	0.2423	0.7292	0.4584	0.7601
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8413	0.1587	0.8420	0.6825	0.5766
p53-mutants	0.9943	0.0057	0.6778	0.3543	0.5312
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.8921	0.0431	0.6312	0.5244	0.4879
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.9052	0.0948	0.8987	0.7967	0.4214

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.7895	0.2105	0.7677	0.5190	0.6808
particle10%	0.9223	0.0777	0.9107	0.8167	0.4094
pc1	0.9009	0.0991	0.6502	0.2995	0.6610
pcmac	0.4485	0.5515	0.4058	-0.1814	1.0000
pd	0.8553	0.1447	0.7983	0.5926	0.6007
pediatric-leukemia	0.8235	0.0504	0.8066	0.7839	0.1766
pendigits	0.8462	0.0308	0.8493	0.8291	0.1778
period	0.5556	0.4444	0.5000	0.0000	0.9591
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.8163	0.1837	0.8046	0.6092	0.6474
pet-adoption	0.9050	0.0950	0.8922	0.7843	0.4420
phishing	0.9673	0.0327	0.9659	0.9317	0.2032
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.5207	0.1369	0.5477	0.4429	0.4448
phone-gyr0.1%	0.4853	0.1471	0.5290	0.4032	0.4058
phoneme	0.8407	0.1593	0.8242	0.6379	0.6012
phy	0.7082	0.2918	0.7082	0.4164	0.8103
pima	0.7632	0.2368	0.7479	0.4926	0.7331
pirvision	0.9824	0.0118	0.9699	0.9448	0.1149
placement	0.7770	0.2230	0.7772	0.5507	0.6991
plant-growth	0.6316	0.3684	0.6315	0.2486	0.8662
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker1%	0.3229	0.1354	0.1058	0.0100	0.7762
poker10%	0.3481	0.1630	0.1636	0.0453	0.9657
polish-1st	0.9616	0.0384	0.7446	0.4891	0.5669
polish-2nd	0.9263	0.0737	0.6828	0.3350	0.5719
polish-3rd	0.9000	0.1000	0.6763	0.3103	0.5636
polish-4th	0.8837	0.1163	0.6891	0.3223	0.5538
polish-5th	0.9475	0.0525	0.8084	0.6155	0.5462
polya	0.7676	0.2324	0.7610	0.5159	0.7173
popularity	0.5148	0.3235	0.4634	0.1816	0.6701
post-operative	0.3333	0.6667	0.3415	-0.2857	0.9644
postures	0.7828	0.0869	0.7898	0.7287	0.2873
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6816	0.3529	0.8237
primary-tumor	0.3333	0.1026	0.2070	0.2599	0.3439
profb	0.7164	0.2836	0.6823	0.3645	0.8165
promoters	0.7000	0.3000	0.7041	0.4000	0.7967
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
puc-rio10%	0.8763	0.0495	0.8078	0.8353	0.2258
pufs-1281%	0.5023	0.4977	0.5023	0.0047	0.9986
pufs-641%	0.4921	0.5079	0.4921	-0.0158	1.0000
pufs-6410%	0.4998	0.5002	0.3332	0.0000	0.5284
pulsar	0.9553	0.0447	0.8867	0.7649	0.4713
raisin	0.8778	0.1222	0.8779	0.7556	0.4920
rcv11%	0.2463	0.0368	0.1639	0.1926	0.4445
rcv110%	0.3726	0.0251	0.2813	0.3368	0.4387
re0-wc	0.6933	0.0472	0.6521	0.6058	0.2955
re1-wc	0.4639	0.0429	0.3920	0.4232	0.2365
reuters21578	0.4699	0.0221	0.2622	0.3633	0.2232
rice	0.9824	0.0176	0.9822	0.9645	0.1205
rnaseq	0.8750	0.0500	0.7488	0.8289	0.1232
rocket	0.6546	0.3454	0.6835	0.3370	0.7814
RT_IOT2022	0.1538	0.1410	0.4705	0.1295	0.1591
satimage	0.7776	0.0741	0.7742	0.7292	0.2762
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9005	0.0995	0.7802	0.5454	0.6105
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
schizo	0.4706	0.5294	0.4664	-0.0588	0.9811
secom	0.8910	0.1090	0.5238	0.0474	0.6798
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.7922	0.0594	0.8315	0.7573	0.1499
segmentation	0.8416	0.1584	0.8424	0.6729	0.5639
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.8256	0.1744	0.6119	0.1848	0.5610
semeion	0.9748	0.0252	0.9305	0.8610	0.3001
sens-1-gram	0.6684	0.3316	0.5479	0.0799	0.6707
sens-10-gram	0.7612	0.2388	0.5355	0.0702	0.7620
sens-2-gram	0.7500	0.2500	0.6085	0.1985	0.6998
sens-3-gram	0.7289	0.2711	0.5781	0.1417	0.7031
sens-4-gram	0.7026	0.2974	0.5389	0.0698	0.7046
sens-5-gram	0.7737	0.2263	0.5918	0.1772	0.7327
sens-6-gram	0.7237	0.2763	0.5295	0.0554	0.7279
sens-7-gram	0.6921	0.3079	0.5592	0.1022	0.6834
sens-8-gram	0.6684	0.3316	0.5095	0.0164	0.6917
sens-9-gram	0.6895	0.3105	0.5193	0.0345	0.7040
sensorless	0.6839	0.0743	0.5877	0.5504	0.2270
sepsis	0.5551	0.4449	0.5860	0.0906	0.4336
shoppers	0.8297	0.1703	0.7799	0.5156	0.6084
shuttle	0.9272	0.0208	0.5942	0.8223	0.0107
sick	0.9841	0.0159	0.9357	0.8715	0.2771
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9994	0.0006	0.9991	0.9981	0.0135
skin10%	0.9984	0.0016	0.9975	0.9950	0.0233
smart-farming	0.2400	0.3800	0.2409	-0.0117	0.8396
smk_can_187	0.6316	0.3684	0.6333	0.2652	0.8937
smoking	0.7078	0.2922	0.7529	0.4485	0.6379
soil_pollution	0.1967	0.3213	0.2010	-0.0061	0.8653
solar-flare	0.5612	0.1463	0.5466	0.4628	0.4314
sonar	0.7500	0.2500	0.7513	0.5000	0.7429
soybean	0.8824	0.0124	0.9062	0.8716	0.0603
spam-detection	0.9515	0.0485	0.8781	0.7463	0.4882
spambase	0.9370	0.0630	0.9343	0.8685	0.3242
spect	0.7037	0.2963	0.6196	0.2340	0.8108
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.1923	0.0598	0.1567	0.1577	0.2389
splice-EI	0.9558	0.0442	0.9443	0.8867	0.3044
splice-IE	0.9401	0.0599	0.9167	0.8333	0.3600
sport-articles	0.8200	0.1800	0.8037	0.6051	0.6337
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
steel_industry	0.8205	0.1197	0.7796	0.7099	0.3519
steel-b	0.8000	0.2000	0.7289	0.4517	0.7172
steel-d	0.9897	0.0103	0.9069	0.7950	0.0398
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.7590	0.2410	0.7461	0.4886	0.7401
steel-p	0.9282	0.0718	0.7752	0.5491	0.5905
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9846	0.0154	0.9575	0.9145	0.2439
stellar	0.7515	0.1657	0.7492	0.5588	0.3968
stock	0.9514	0.0486	0.9192	0.8381	0.3617
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9980	0.0020	0.9980	0.9960	0.0196
stress	0.9524	0.0190	0.9545	0.9404	0.0593
student-lifestyle	0.3850	0.2460	0.2452	0.1027	0.6267
student-habits	0.2300	0.3080	0.1953	-0.0137	0.8322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-weekend	0.3231	0.2708	0.2954	0.1046	0.7222
student-workday	0.5938	0.1625	0.2392	0.1191	0.4824
studentap	0.4615	0.3590	0.5261	0.1574	0.5118
susy1%	0.7896	0.2104	0.7877	0.5728	0.6776
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.5218	0.2000	0.5978
telco-churn	0.8906	0.1094	0.8651	0.7285	0.5170
texture	0.7673	0.0423	0.8059	0.7436	0.1667
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7872	0.2128	0.5804	0.1607	0.7805
thrombin	0.9895	0.0105	0.8723	0.7447	0.3979
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.8811	0.1189	0.8535	0.7011	0.5447
tis10%	0.8955	0.1045	0.8567	0.7127	0.5034
titanic	0.7591	0.2409	0.7276	0.4549	0.7599
tourist	0.6250	0.1500	0.3636	0.3684	0.1904
tox_171	0.6471	0.1765	0.6793	0.5321	0.3780
toxicity	0.6471	0.3529	0.6136	0.2273	0.8920
toxicity-13f	0.7059	0.2941	0.6913	0.3796	0.8113
transfusion	0.5867	0.4133	0.5170	0.0325	0.8609
trec11-wc	0.8780	0.0271	0.7618	0.8512	0.0944
trec12-wc	0.8387	0.0403	0.8731	0.8055	0.1446
trec21-wc	0.8182	0.0727	0.6411	0.6489	0.3296
trec23-wc	0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc	0.9570	0.0143	0.9312	0.9431	0.1227
trec41-wc	0.8864	0.0227	0.7989	0.8629	0.1335
trec45-wc	0.8261	0.0348	0.8335	0.7978	0.1445
tuandromd	0.9776	0.0224	0.9652	0.9304	0.1938
turkish	0.7250	0.1375	0.7312	0.6333	0.3765
tvnews	0.9071	0.0929	0.9014	0.8020	0.4294
tvnews1%	0.8846	0.1154	0.8750	0.7446	0.4558
tvnews10%	0.8797	0.1203	0.8723	0.7440	0.5052
ur3_cobotops_grip	0.9401	0.0599	0.6491	0.2832	0.5786
ur3_cobotops_stop	0.9646	0.0354	0.8086	0.5999	0.5529
urban	0.7313	0.0597	0.7217	0.6839	0.2007
urinalysis	0.9091	0.0909	0.5939	0.1871	0.6495
ustilago10%	0.9130	0.0870	0.6068	0.0937	0.2401
vehicle	0.7381	0.1310	0.7180	0.6495	0.2293
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.4141	0.1065	0.4463	0.3556	0.3123
vowelZ	0.8990	0.1010	0.4734	-0.0185	0.5421
vrnormat310k-hg16-17	0.8606	0.1394	0.7271	0.4147	0.6142
wap-wc	0.3397	0.0660	0.2556	0.2689	0.3409
warpar10p	0.7692	0.0462	0.7830	0.7417	0.0830
warppie10p	0.7619	0.0476	0.7582	0.7348	0.1060
watch-acc1%	0.5885	0.1176	0.6220	0.5199	0.4155
watch-gyr1%	0.2714	0.2082	0.3155	0.1456	0.5998
water_pollution	0.2267	0.3867	0.2266	-0.0319	0.8780
waveform	0.7980	0.1347	0.7993	0.6969	0.4268
weather-related	0.7135	0.0521	0.7750	0.6747	0.1961
web-phishing	0.8074	0.1284	0.7611	0.6609	0.4692
weight-lift	0.7819	0.0872	0.7853	0.7252	0.3158
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wifi-loc	0.9650	0.0175	0.9652	0.9533	0.0727
wilt	0.9855	0.0145	0.9249	0.8495	0.3221
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.3648	0.2117	0.2094	0.0786	0.8308
winequality-white	0.3088	0.1975	0.2372	0.1256	0.6755
winnipeg10%	0.9156	0.0241	0.9309	0.8928	0.1058
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.5625	0.0583	0.5250	0.5333	0.1093
yeast	0.3919	0.1216	0.2741	0.2425	0.5676
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.7155	0.4272	0.5783
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9257	0.0743	0.6143	0.2277	0.6322
zip	0.8204	0.0359	0.8026	0.7988	0.2231

Table 457: Detailed results for RULES

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1631	0.0577	0.0927	0.0830	0.5601
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9778	0.0222	0.5671	0.1141	0.5477
accident	0.5000	0.5000	0.5000	0.0000	1.0000
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID1284red	0.8056	0.1944	0.4462	-0.0862	0.8010
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.6500	0.3500	0.3939	-0.0938	0.8482
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
aids	0.8451	0.1549	0.7862	0.5718	0.6398
alcohol	0.7524	0.0990	0.4528	0.3494	0.2932
all-aml	0.5000	0.5000	0.5000	0.0000	0.9298
alzheimers	0.6465	0.3535	0.5481	0.0512	0.7535
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9388	0.0306	0.8990	0.8813	0.1501
anxiety	0.1583	0.1870	0.1539	0.0519	0.7982
apple-quality	0.7925	0.2075	0.7936	0.5850	0.6716
arcene	0.7000	0.3000	0.6803	0.3182	0.7426
arrhythmia	0.5556	0.0684	0.1823	0.3455	0.4785
auction	0.9363	0.0637	0.8440	0.6763	0.4032
audit-risk	0.9359	0.0641	0.9336	0.8669	0.3283
autism-adolescent	0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult	0.9714	0.0286	0.9639	0.9278	0.2035
autism-child	0.8966	0.1034	0.8971	0.7924	0.4312
autos	0.9000	0.0333	0.7526	0.8667	0.0771
avila	0.5601	0.0733	0.5141	0.3543	0.4599
babies	0.4194	0.1659	0.1978	0.1201	0.5984
balance	0.8065	0.1290	0.5620	0.6381	0.3065
banknote	0.9854	0.0146	0.9852	0.9704	0.1045
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%	0.9856	0.0010	0.0342	-0.0004	0.1018
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
breast-cancer	0.5357	0.4643	0.4516	-0.0964	0.9426
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.3636	0.6364	0.3446	-0.3051	1.0000
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
cad	0.8667	0.1333	0.8429	0.6364	0.3064
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
car	0.8793	0.0603	0.5994	0.7183	0.2175
cardiovascular	0.6304	0.3696	0.6310	0.2608	0.8972
cargo2k	0.8655	0.0897	0.8712	0.7972	0.2358
cars	0.7750	0.1500	0.6951	0.5730	0.4877
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9186	0.0814	0.4788	-0.0203	0.5749
chrom19	0.9991	0.0009	0.6823	0.1162	0.0481
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9993	0.0007	0.8240	0.6467	0.4092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn-bigml	0.8352	0.1648	0.5425	0.0596	0.7019
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6429	0.2381	0.4377	0.3062	0.4619
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.3333	0.4444	0.2600	-0.0909	0.6424
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.4626	0.3583	0.4349	0.1530	0.7761
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	0.7000	0.0400	0.6188	0.6689	0.1535
colon-tumor	0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1	0.6207	0.3793	0.5271	0.0478	0.9158
colposcopies-2	0.6897	0.3103	0.6565	0.3040	0.8359
colposcopies-3	0.6552	0.3448	0.6372	0.2714	0.8780
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.5172	0.4828	0.5145	0.0287	0.9882
colposcopies-c	0.7586	0.2414	0.6545	0.3072	0.7986
column-2c	0.7419	0.2581	0.6910	0.3769	0.7874
column-3c	0.7097	0.1935	0.6729	0.5122	0.4571
crabs	0.8000	0.1000	0.8140	0.7333	0.2118
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.1875	0.0406	0.1169	0.1688	0.1188
customer-churn	0.9788	0.0212	0.6563	0.2747	0.4831
cybersecurity	0.1733	0.2756	0.1779	0.0077	0.8702
cylinder-bands	0.7222	0.2778	0.7126	0.4223	0.7914
darwin	0.5000	0.5000	0.5000	0.0000	0.9808
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
defect	0.8426	0.1574	0.6142	0.0562	0.4060
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
dermatology	0.8378	0.0541	0.8197	0.7980	0.1478
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614
dexter	0.7000	0.3000	0.7018	0.4000	0.8117
df_final	0.6875	0.2083	0.5238	0.5000	0.3294
diabetes	0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-risk	0.9023	0.0977	0.8486	0.6968	0.5118
diabetic1%	0.5784	0.2810	0.4774	0.2451	0.6947
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8500	0.0750	0.8104	0.7903	0.2327
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.6250	0.3750	0.3846	-0.2000	0.9438
dlbcl-nih	0.5417	0.4583	0.5078	0.0149	0.9759
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
drug-01	0.2979	0.2006	0.1398	0.0052	0.8552
drug-02	0.4202	0.1657	0.1916	0.0936	0.8542
drug-03	0.6649	0.0957	0.1459	0.0792	0.4562
drug-04	0.4255	0.1641	0.1742	0.0695	0.7587
drug-05	0.6915	0.0881	0.1357	-0.0153	0.6144
drug-06	0.2713	0.2082	0.2026	0.1176	0.8165
drug-07	0.3830	0.1763	0.1467	0.0359	0.6549
drug-08	0.4574	0.1550	0.1646	0.0589	0.8425
drug-09	0.8457	0.0441	0.1309	-0.0267	0.3373
drug-10	0.4840	0.1474	0.2033	0.0849	0.6715
drug-11	0.8457	0.0441	0.1309	-0.0063	0.2293
drug-12	0.7606	0.0684	0.1234	-0.0363	0.4821

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-13	0.5745	0.1216	0.2020	0.1988	0.5366
drug-14	0.4574	0.1550	0.1501	0.0584	0.6699
drug-15	0.7181	0.0805	0.1868	0.0331	0.5204
drug-16	0.5372	0.1322	0.2378	0.2254	0.6681
drug-17	0.3032	0.1991	0.2064	0.0815	0.8151
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7500	0.0714	0.2003	0.1072	0.4830
ecoli	0.7647	0.0588	0.3890	0.6707	0.1484
ecoliCP-IM	0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM	0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2900	0.3550	0.2901	0.0523	0.8295
eeg-eye	0.5574	0.4426	0.5469	0.0208	0.6329
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5479	0.1808	0.5016	0.4212	0.4462
fakenews	0.5275	0.4725	0.5281	0.0559	0.9811
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5882	0.4118	0.5799	0.1587	0.9396
fishcatch	0.8125	0.0625	0.8486	0.7659	0.1160
flags	0.2000	0.2000	0.0417	-0.1268	0.4287
forest	0.7500	0.1250	0.7465	0.6569	0.3381
gastrointestinal	0.5000	0.3333	0.3844	0.1847	0.6480
gender	0.5874	0.2751	0.3653	0.1061	0.5172
german	0.6600	0.3400	0.5868	0.1521	0.8562
glass	0.7143	0.0952	0.5865	0.5935	0.1716
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8095	0.1905	0.8372	0.6250	0.4822
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.6250	0.3750	0.3846	-0.2000	0.9438
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.7976	0.2024	0.7918	0.5678	0.6272
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.2667	0.3667	0.2163	-0.0248	0.6078
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
har70	0.7671	0.0665	0.5075	0.6286	0.2076
har701%	0.8102	0.0542	0.4816	0.7218	0.1970
har7010%	0.8228	0.0506	0.5214	0.7383	0.2185
harth1%	0.7620	0.0397	0.4277	0.6758	0.2588
harth10%	0.7154	0.0474	0.3718	0.5935	0.2695
hayes-roth	0.6875	0.2083	0.7612	0.5152	0.3343
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7037	0.2963	0.6866	0.3684	0.8172
heart-attack	0.7419	0.2581	0.7448	0.4855	0.7510
heart-c	0.7667	0.2333	0.7681	0.5249	0.6926
heart-failure	0.9700	0.0300	0.9650	0.9298	0.1847
heart-quantum	0.8600	0.1400	0.8604	0.7154	0.5305
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higher	0.3571	0.1607	0.3274	0.2364	0.3443

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.6562	0.3438	0.6539	0.3071	0.8734
ht-sensor10%	0.9080	0.0614	0.9081	0.8616	0.2506
htru2	0.9754	0.0246	0.9228	0.8428	0.2393
ilpd	0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy	0.5556	0.4444	0.3571	-0.2857	0.9011
instagram	0.9453	0.0273	0.9454	0.9271	0.1090
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
kc1-class-level-numericdefect	0.6923	0.1231	0.3609	0.2353	0.3183
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8654	0.1346	0.7817	0.5517	0.5823
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kidney-disease	0.9250	0.0750	0.9226	0.8333	0.2345
krkopt	0.4307	0.0633	0.3986	0.3544	0.5068
labor	0.5000	0.5000	0.3333	-0.2857	1.0000
leaf	0.3824	0.0309	0.2167	0.3568	0.1254
led24	0.6000	0.0800	0.5333	0.5518	0.1799
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
leukemia	0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.5833	0.0556	0.5867	0.5522	0.1765
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9991	0.0009	0.9365	0.8644	0.0049
linkage10%	0.9999	0.0001	0.9903	0.9805	0.0010
liver	0.6176	0.3824	0.5735	0.1467	0.9099
loan	0.9344	0.0656	0.9299	0.8587	0.3170
lrs	0.7547	0.0491	0.3736	0.6572	0.1905
lung	0.7619	0.0952	0.4860	0.4615	0.2832
lung_discrete	0.3750	0.1786	0.2143	0.2000	0.1793
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.7500	0.1000	0.4688	0.3631	0.3052
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.6667	0.3333	0.6582	0.3077	0.8482
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548
machine-failure	0.9043	0.0957	0.9011	0.8021	0.4231
magic04	0.8159	0.1841	0.7970	0.5939	0.6547
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8125	0.1875	0.8157	0.6265	0.6250
maternal	0.7822	0.1452	0.7884	0.6690	0.4313
math	0.7000	0.1500	0.6573	0.5493	0.5351
mental-disorders	0.6667	0.1667	0.7059	0.5556	0.3232
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	0.8889	0.0741	0.8730	0.8235	0.1114
mfeat-mor	0.6900	0.0620	0.6904	0.6556	0.2187
milk	0.9434	0.0377	0.9337	0.9131	0.1271
mines	0.3529	0.2588	0.3210	0.1744	0.5445
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8197	0.1803	0.7952	0.5866	0.6379
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
myocardial	0.8529	0.0368	0.2763	0.3196	0.4638
NCI60	0.5000	0.1667	0.4000	0.4000	0.1569
neo	0.9079	0.0921	0.6489	0.1514	0.3901

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.9211	0.8293	0.4011
NHANES_age_prediction	0.9604	0.0396	0.9237	0.8462	0.2902
NPHA-doctor-visits	0.4722	0.3519	0.4347	0.1065	0.7613
nursery	0.9823	0.0071	0.7387	0.9738	0.0264
obesity	0.7725	0.0650	0.7670	0.7344	0.2702
occupancy	0.9898	0.0102	0.9859	0.9716	0.1167
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.5743	0.0851	0.5732	0.5160	0.3981
oh10-wc	0.4857	0.1029	0.4448	0.4150	0.4824
oh15-wc	0.5326	0.0935	0.4974	0.4665	0.4123
oh5-wc	0.5165	0.0967	0.5115	0.4489	0.4110
olive	0.8421	0.0351	0.8364	0.8005	0.1402
orlraws10P	0.4000	0.1200	0.2880	0.3333	0.1752
ovarian-cancer	0.7200	0.2800	0.6894	0.3772	0.8106
page-blocks	0.9506	0.0197	0.7559	0.6893	0.2322
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
pasture	0.2500	0.5000	0.1667	-0.0909	0.3508
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcos	0.9967	0.0033	0.9948	0.9895	0.0185
pd	0.8158	0.1842	0.7285	0.4286	0.6452
pediatric-leukemia	0.1765	0.2353	0.1177	-0.0160	0.6935
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
pet-adoption	0.7050	0.2950	0.6371	0.2556	0.8186
phoneme	0.8630	0.1370	0.8313	0.6626	0.5782
pima	0.6842	0.3158	0.6628	0.3234	0.8489
plant-growth	0.4211	0.5789	0.4252	-0.1421	1.0000
plrx	0.6111	0.3889	0.4834	-0.0328	0.9365
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6041	0.2059	0.9196
prestige	0.6667	0.2222	0.6655	0.4906	0.4321
primary-tumor	0.3636	0.0579	0.1391	0.2848	0.2420
profb	0.6119	0.3881	0.5025	0.0046	0.9365
promoters	0.7000	0.3000	0.7143	0.2857	0.4644
prostate	0.5714	0.4286	0.5310	0.0455	0.8750
prostate_GE	0.3636	0.6364	0.3446	-0.3051	1.0000
pulsar	0.9792	0.0208	0.9358	0.8694	0.2024
raisin	0.8667	0.1333	0.8670	0.7333	0.5178
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9437	0.0563	0.9466	0.8876	0.2382
rice	0.9841	0.0159	0.9839	0.9678	0.1121
rnaseq	0.8250	0.0700	0.8248	0.7647	0.2144
satimageF	0.9829	0.0171	0.9549	0.9090	0.1719
scadi	0.7143	0.0816	0.4099	0.5882	0.1018
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.8571	0.0952	0.8660	0.7857	0.2176
segment	0.9004	0.0284	0.9075	0.8837	0.1321
segmentO	0.9870	0.0130	0.9738	0.9463	0.0533
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shuttle	0.9762	0.0068	0.8354	0.9333	0.1731
sirtuin6	0.8000	0.2000	0.8000	0.6000	0.6644
skin	0.9961	0.0039	0.9942	0.9883	0.0596
skin10%	0.9951	0.0049	0.9926	0.9852	0.0708
smarket	0.7840	0.2160	0.7838	0.5676	0.6935

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smart-farming	0.3400	0.3300	0.3417	0.1242	0.7556
smk_can_187	0.5789	0.4211	0.5748	0.1461	0.9386
solar-flare	0.7698	0.0767	0.6846	0.7055	0.2287
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
spam-detection	0.9530	0.0470	0.8541	0.7072	0.4429
spect	0.7912	0.2356	0.6305	0.2581	0.7904
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer	0.1887	0.0338	0.0851	0.1458	0.2360
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	0.9892	0.0108	0.9885	0.9767	0.0905
steel-b	0.7846	0.2154	0.6097	0.1925	0.7573
steel-d	0.9744	0.0256	0.7333	0.2794	0.0817
steel-k	0.9641	0.0359	0.9443	0.8823	0.1215
steel-p	0.9128	0.0872	0.5721	0.0815	0.5290
steel-s	0.9692	0.0308	0.7646	0.3900	0.0945
steel-z	0.9179	0.0821	0.7218	0.2529	0.1967
stock	0.8681	0.1319	0.7559	0.5018	0.6136
stockb	0.8238	0.1175	0.8342	0.7359	0.2541
streaming	0.9120	0.0880	0.9128	0.8234	0.3906
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.4650	0.2140	0.3029	0.1767	0.6058
student-habits	0.3100	0.2760	0.2191	0.0052	0.8439
student-weekend	0.2923	0.2831	0.1820	0.0103	0.8248
student-workday	0.6562	0.1375	0.1631	0.0290	0.4905
studentap	0.4615	0.3590	0.4598	0.1727	0.7242
tae	0.7333	0.1778	0.7357	0.6000	0.4205
Thyroid_Diff	0.8421	0.1579	0.8001	0.5943	0.6041
tic-tac-toe	0.9579	0.0421	0.9535	0.9028	0.1545
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.4118	0.2941	0.4550	0.2202	0.4846
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.8235	0.1765	0.8152	0.5641	0.3671
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc	0.5122	0.1084	0.5123	0.3908	0.3703
trec12-wc	0.6774	0.0806	0.5723	0.6051	0.2297
trec21-wc	0.6970	0.1010	0.2358	0.1033	0.3156
trec23-wc	0.6667	0.1111	0.4841	0.5017	0.2696
trec31-wc	0.7097	0.0968	0.5282	0.6039	0.4086
trec41-wc	0.7727	0.0455	0.6661	0.7203	0.2577
trec45-wc	0.6522	0.0696	0.5720	0.5845	0.2873
turkish	0.5250	0.2375	0.5395	0.3667	0.5277
urban	0.6418	0.0796	0.6160	0.5833	0.3206
vehicle	0.6667	0.1667	0.6394	0.5542	0.3574
vehicleVAN	0.8690	0.1310	0.8143	0.6071	0.4989
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.7209	0.2791	0.7259	0.4440	0.7711
vowel	0.4545	0.0992	0.4790	0.4000	0.3060
vowelZ	0.8990	0.1010	0.6625	0.3210	0.6623
warpar10p	0.3077	0.1385	0.2500	0.2252	0.2379
web-phishing	0.8741	0.0840	0.8440	0.7773	0.3656
Weekly	0.9630	0.0370	0.9630	0.9253	0.2123
white-clover	0.6667	0.1667	0.3125	0.2500	0.3385
wifi-loc	0.9850	0.0075	0.9852	0.9800	0.0343
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.7647	0.1569	0.6921	0.6000	0.3541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
winequality-red	0.6604	0.1132	0.3215	0.4634	0.4624
winequality-white	0.5910	0.1169	0.3378	0.3828	0.6468
wisc_bc	0.9298	0.0702	0.9272	0.8521	0.3517
yeast	0.4797	0.1041	0.3778	0.3335	0.4449
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343

Table 458: Detailed results for RVC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1847	0.0562	0.0797	0.0847	0.4076
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5730	0.1000	0.8046
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.5307	0.1564	0.6351	0.4368	0.2715
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.8090	0.0764	0.6573	0.4614	0.1521
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.8261	0.0869	0.5777	0.6292	0.2238
anuran-genus	0.8748	0.0313	0.5728	0.7845	0.2220
anuran-species	0.8292	0.0342	0.7821	0.7396	0.1325
anxiety	0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality	0.5700	0.4300	0.6168	0.1400	0.6939
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arcene	0.6500	0.3500	0.6926	0.3396	0.7400
arrhythmia	0.6222	0.0756	0.2494	0.2064	0.2277
auction	0.8676	0.1324	0.5554	0.0437	0.5248
audiology	0.6087	0.0326	0.2749	0.5400	0.1126
audit-risk	0.9487	0.0513	0.9477	0.8941	0.2779

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9857	0.0143	0.9820	0.9633	0.0649
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6000	0.1333	0.4717	0.4425	0.2580
avila	0.4959	0.0840	0.3797	0.2027	0.3507
babies	0.4113	0.1682	0.2098	0.0889	0.3881
balance	0.9194	0.0538	0.8659	0.8520	0.1706
bank	0.8878	0.1122	0.6556	0.0076	0.2421
banknote	0.9927	0.0073	0.9927	0.9852	0.0474
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8548	0.1452	0.8414	0.6678	0.5016
basehock	0.6583	0.3417	0.6678	0.3177	0.8239
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.7714	0.2286	0.7544	0.4750	0.6429
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.4075	0.2963	0.4534	0.2099	0.6038
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.5455	0.4545	0.5222	0.0351	0.9096
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.6364	0.1212	0.5128	0.5600	0.1301
bridges	0.7000	0.0857	0.4000	0.4828	0.1667
cad	0.7333	0.2667	0.6636	0.3220	0.8094
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7529	0.1236	0.3947	0.3502	0.3254
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.7246	0.2754	0.7131	0.4212	0.7845
cardiotocography	0.6620	0.0676	0.6393	0.5836	0.3459
cardiotocography-nsp	0.8498	0.1002	0.6733	0.4552	0.2447
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9924	0.0051	0.9923	0.9886	0.0284
cars	0.6750	0.2167	0.5144	0.3131	0.5201
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.6144	0.3856	0.6122	0.2243	0.9161
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5905	0.4095	0.5846	0.1677	0.9359
cas_N6512_rdkit_LAYERED	0.5738	0.4262	0.5637	0.1150	0.9151
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.6068	0.3932	0.6265	0.2328	0.8580
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.6123	0.3877	0.6195	0.2331	0.8965
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.5791	0.4209	0.5812	0.1612	0.9393
cas_N6512_rdkit_TORSION	0.6092	0.3908	0.6041	0.1891	0.8759
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9752	0.0248	0.8305	0.6136	0.1935

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.4170	0.2915	0.2723	0.0204	0.3338
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6632	0.3368	0.6166	0.1876	0.7901
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.4989	0.4628	0.3973
cjs	0.7071	0.0976	0.6253	0.6348	0.2810
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7500	0.1250	0.4237	0.5844	0.2442
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7090	0.4894	0.4675
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5306	0.3129	0.5083	0.2291	0.6374
cnae-9	0.3426	0.1461	0.4317	0.2604	0.3940
codon_usage	0.2402	0.1381	0.1538	0.0291	0.3152
coil20	0.6319	0.0368	0.6233	0.6126	0.1982
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.4800	0.0693	0.4619	0.4235	0.2738
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.7241	0.2759	0.7157	0.4314	0.7941
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.8065	0.1935	0.7786	0.5571	0.6825
column-3c	0.7419	0.1720	0.6835	0.5694	0.3644
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
cottonmeloidogyne	0.4952	0.5048	0.3312	0.0000	0.5289
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covtypeCD	0.8832	0.1168	0.7044	0.2416	0.3282
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.5500	0.2250	0.5522	0.4000	0.2679
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8700	0.0433	0.7011	0.7106	0.2114
cryotherapy	0.7778	0.2222	0.7750	0.5500	0.7072
cultivars	0.1875	0.0406	0.1364	0.1672	0.1225
customer-churn	0.9796	0.0204	0.6687	0.0188	0.0680
cybersecurity	0.1600	0.2800	0.0462	-0.0202	0.4845
cyclopentane	0.5556	0.4444	0.3571	0.0000	0.5164
cylinder-bands	0.7037	0.2963	0.6920	0.3730	0.8001
darwin	0.6667	0.3333	0.6710	0.3333	0.8394
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7847	0.2153	0.6445	0.0410	0.3829
defect	0.8395	0.1605	0.4564	0.0000	0.3070

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.9459	0.0180	0.9505	0.9322	0.0563
desharnais	0.5000	0.3333	0.3901	0.1579	0.6489
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.3077	0.0000	0.5570
DIA	0.7833	0.2167	0.6918	0.1875	0.3769
diabetes	0.8269	0.1731	0.8144	0.6238	0.6056
diabetes-100k	0.0850	0.9150	0.0783	0.0000	0.2073
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%	0.5392	0.3072	0.3177	0.0490	0.4897
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8167	0.0917	0.6493	0.7396	0.1788
dishonest	0.8438	0.1562	0.8212	0.5789	0.3360
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9304	0.0696	0.7608	0.4682	0.4114
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.6998	0.2001	0.5148	0.4558	0.3779
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1479	0.0291	0.2442
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.2313	0.2563	0.4919
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5372	0.1322	0.1163	0.0146	0.3627
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5638	0.1246	0.2287	0.1554	0.3474
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6117	0.1109	0.1661	0.1894	0.3239
drug-14	0.5851	0.1185	0.2604	0.1862	0.3757
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5798	0.1201	0.2026	0.2398	0.3648
drug-17	0.3617	0.1824	0.1682	0.1097	0.5034
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9037	0.0275	0.9151	0.8836	0.1551
ecoli	0.8529	0.0368	0.5425	0.7914	0.0946
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.1000	0.0000	0.4041
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.1506	0.1062	0.0784	0.0161	0.4191
eucalyptus	0.4932	0.2027	0.4690	0.3370	0.5286
euthyroid	0.9177	0.0823	0.7126	0.2901	0.3305
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
farm-ads	0.5773	0.4227	0.5826	0.1620	0.9329
fbis-wc	0.4878	0.0603	0.3140	0.4019	0.3993
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4902	0.5098	0.4428	-0.0887	0.9692
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.6000	0.1143	0.3668	0.4872	0.2746
forest	0.8462	0.0769	0.8229	0.7873	0.2587
gas	0.6873	0.1042	0.6878	0.6221	0.3706
gastrointestinal	0.5000	0.3333	0.3638	0.1409	0.5747
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.6404	0.2397	0.5844	0.3458	0.5084
german	0.5700	0.4300	0.4219	-0.1140	0.9523
gestures	0.2509	0.3746	0.1003	0.0000	0.4041
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6667	0.1111	0.5612	0.5149	0.2439
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.7619	0.2381	0.7388	0.3478	0.4125
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.8571	0.1429	0.7918	0.5772	0.5973
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8214	0.1786	0.8157	0.6311	0.6282
green	0.6000	0.4000	0.3750	-0.1765	0.9528
grub-damage	0.3333	0.3333	0.3913	0.0741	0.5455
gsalc	0.8889	0.0370	0.8046	0.8615	0.0466
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.2966	0.2813	0.2527	0.0206	0.4125
har701%	0.7858	0.0612	0.4536	0.6589	0.1990
hayes-roth	0.3125	0.4583	0.3379	-0.1139	0.7037
hcc-survival	0.5882	0.4118	0.6071	0.2013	0.8825
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.8333	0.1667	0.8326	0.6637	0.5926
heart-failure	0.6900	0.3100	0.6331	0.0174	0.4497
heart-quantum	0.7000	0.3000	0.7143	0.2857	0.4644
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.5864	0.4136	0.5811	0.1581	0.9318
higher	0.4286	0.1429	0.3314	0.3043	0.2183
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.4375	0.5625	0.4303	-0.1383	1.0000
hiv1-proteasa	0.8465	0.1535	0.6798	0.1645	0.3603
hiva	0.9669	0.0331	0.6916	0.1211	0.0993
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9665	0.0335	0.8929	0.7806	0.3019
hypothyroid	0.9257	0.0371	0.4284	0.3178	0.1628

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hypothyroidT	0.9390	0.0610	0.7437	0.3251	0.1589
ilpd	0.7288	0.2712	0.6129	0.1631	0.7196
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.4820	0.2590	0.5050	0.3093	0.4491
ionosphere	0.7714	0.2286	0.7348	0.4697	0.7459
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.8400	0.1600	0.8372	0.6721	0.5768
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8127	0.1873	0.6148	0.1269	0.5731
jvowels	0.7721	0.0506	0.7668	0.7414	0.2764
kc1	0.8815	0.1185	0.7373	0.3939	0.4458
kc1-class-level-defectiveornot	0.6667	0.3333	0.6944	0.3590	0.7690
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.5941	0.2706	0.4860	0.2035	0.4122
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9500	0.0500	0.9479	0.8904	0.1808
krkopt	0.2332	0.0852	0.2692	0.0999	0.4615
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc	0.4254	0.1915	0.2775	0.2063	0.4424
la2s-wc	0.4007	0.1998	0.3465	0.1926	0.5785
labor	0.8333	0.1667	0.8182	0.5714	0.3522
leaf	0.5294	0.0235	0.3051	0.5099	0.1115
led24	0.4500	0.1100	0.4371	0.3838	0.2756
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.2610	0.0568	0.3969	0.2311	0.3697
leukemia	0.7143	0.1905	0.5714	0.5625	0.1509
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.5833	0.0556	0.5755	0.5519	0.1655
linkage1%	0.9988	0.0012	0.9088	0.7994	0.0065
liver	0.6765	0.3235	0.6218	0.2429	0.8721
loan	0.6347	0.3653	0.6316	0.0384	0.4854
localization10%	0.4496	0.1001	0.1886	0.2182	0.4115
lrs	0.3962	0.1208	0.0568	0.0000	0.2643
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	0.7778	0.0741	0.6496	0.6842	0.0899
machine-failure	0.7660	0.2340	0.7736	0.4791	0.5259
madelon	0.5423	0.4577	0.5423	0.0846	0.9737
magic04	0.7680	0.2320	0.7356	0.4621	0.7249
malware	0.8378	0.1622	0.7040	0.2128	0.3145
mammography	0.8125	0.1875	0.8125	0.6245	0.6395
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6238	0.2508	0.6199	0.4294	0.5327
math	0.4250	0.2875	0.1491	0.0000	0.3351
mba	0.8387	0.1075	0.3880	0.0399	0.2462
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6000	0.4000	0.6038	0.2045	0.9130
meter-A	0.3750	0.6250	0.4248	-0.1111	0.9210
meter-B	0.8889	0.0741	0.8730	0.8235	0.1114
meter-C	0.3333	0.3333	0.3281	0.0609	0.5139
meter-D	0.5556	0.2222	0.5984	0.3712	0.3079
mfeat-fac	0.8600	0.0280	0.8593	0.8444	0.1470
mfeat-fou	0.5750	0.0850	0.5808	0.5278	0.3618
mfeat-kar	0.8250	0.0350	0.8290	0.8056	0.1924
mfeat-mor	0.6750	0.0650	0.6788	0.6389	0.2142
mfeat-pix	0.7800	0.0440	0.7966	0.7556	0.2111
mfeat-zer	0.6650	0.0670	0.6731	0.6278	0.2816
mice-prot	0.6111	0.0972	0.6273	0.5539	0.3447
milk	0.5377	0.3082	0.6048	0.2431	0.4060
mines	0.5000	0.2000	0.4437	0.3669	0.4466
mobile	0.4441	0.0199	0.4414	0.4339	0.2409
monks-1	0.5636	0.4364	0.5653	0.1293	0.9524
monks-2	0.6885	0.3115	0.6627	0.1213	0.4570
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.8610	0.1390	0.8681	0.7196	0.4576
music	0.2822	0.1305	0.1814	0.0169	0.3985
musk	0.8636	0.1364	0.6862	0.2039	0.3758
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.6240	0.3760	0.5957	0.1536	0.8265
MUT_ci300400a_cdk_ECFP6	0.6299	0.3701	0.6303	0.2577	0.8880
MUT_ci300400a_cdk_ESTATE	0.6295	0.3705	0.6119	0.2219	0.9055
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.6659	0.3341	0.6487	0.2576	0.7865
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.6391	0.3609	0.6223	0.2427	0.8958
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.8238	0.0185	0.2206	0.3077	0.1180
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9026	0.8939	0.0573
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0725	0.0422	0.0031	0.0000	0.4045
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.9031	0.0969	0.8072	0.6105	0.5419
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5139	0.3241	0.2263	-0.0223	0.4554
nursery	0.5802	0.2099	0.4812	0.3800	0.5442
obesity	0.2701	0.2085	0.2820	0.1280	0.4107
obs	0.6204	0.1898	0.6389	0.4261	0.4611
occupancy	0.9679	0.0321	0.9573	0.9127	0.2603
Occupancy_Estimation	0.8875	0.0563	0.5839	0.6418	0.2166
oh0-wc	0.5545	0.0891	0.5177	0.4812	0.4057
oh10-wc	0.4000	0.1200	0.3359	0.3089	0.5274
oh15-wc	0.5000	0.1000	0.4981	0.4245	0.4363
oh5-wc	0.4396	0.1121	0.4096	0.3597	0.5044
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
olive	0.9123	0.0195	0.8353	0.8898	0.0492
opn310k10%	0.9104	0.0896	0.4765	-0.0019	0.2753
optdigits	0.8203	0.0359	0.8280	0.8002	0.1997
optdigitsZ	0.9786	0.0214	0.9311	0.8523	0.0745
orl	0.7250	0.0138	0.6901	0.7179	0.0493
orlraws10P	0.8000	0.0400	0.7652	0.7778	0.0600
ovarian-cancer	0.8000	0.2000	0.7787	0.5552	0.6777
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9091	0.0909	0.4762	-0.0268	0.6225
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7526	0.2474	0.7244	0.4489	0.7673
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7698	0.2302	0.7699	0.5392	0.7167
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9159	0.0336	0.3603	0.2737	0.1615
parkinson	0.8833	0.1167	0.8787	0.7570	0.4817
parkinsons	0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle10%	0.7192	0.2808	0.4183	0.0000	0.4269
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	0.8933	0.1067	0.8244	0.5833	0.2500
pd	0.8421	0.1579	0.7770	0.5472	0.6265
pediatric-leukemia	0.5000	0.1429	0.3551	0.3662	0.3852
pendigits	0.8371	0.0326	0.8401	0.8190	0.1802
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.8327	0.1673	0.8222	0.6402	0.5937
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.3116	0.1967	0.3045	0.1942	0.6575
phone-gyr0.1%	0.3022	0.1994	0.2692	0.1799	0.5935
phoneme	0.7722	0.2278	0.6963	0.2815	0.5405
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7632	0.2368	0.7482	0.4738	0.6848
pirvision	0.8929	0.0714	0.7281	0.5666	0.2149
placement	0.6740	0.3260	0.6961	0.2523	0.5222
plant-growth	0.5789	0.4211	0.6481	0.1163	0.5164
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
polya	0.7038	0.2962	0.6592	0.3053	0.8174
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6913	0.3824	0.8319
prestige	0.6667	0.2222	0.5556	0.4490	0.2851
primary-tumor	0.5455	0.0413	0.2355	0.4806	0.1764
profb	0.6567	0.3433	0.3964	-0.0294	0.6595
promoters	0.6000	0.4000	0.5519	0.0909	0.9071
prostate	0.5714	0.4286	0.5310	0.0455	0.8750
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio10%	0.6777	0.1289	0.5906	0.5513	0.3927
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pulsar	0.9170	0.0830	0.6936	0.1837	0.2503
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%	0.2444	0.0369	0.0274	0.0029	0.3156
re0-wc	0.6200	0.0585	0.4626	0.4447	0.3267
re1-wc	0.4699	0.0424	0.2949	0.3572	0.3392
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.9875	0.0050	0.9896	0.9834	0.0178
rocket	0.5936	0.4064	0.5479	0.0813	0.9011
satimage	0.7854	0.0715	0.7619	0.7343	0.2730
satimageF	0.9798	0.0202	0.9463	0.8910	0.1828
satimageT	0.9378	0.0622	0.8043	0.5462	0.2767
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5294	0.4706	0.5336	0.0588	0.9318
sclerosis	0.5556	0.4444	0.3571	0.0000	0.5164
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8485	0.0433	0.8556	0.8229	0.1976
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	0.9264	0.0736	0.8402	0.6414	0.2910
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9560	0.0440	0.8671	0.7176	0.2916
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
shoppers	0.8743	0.1257	0.7111	0.3555	0.5219
sick	0.9416	0.0584	0.6955	0.2501	0.3117
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9195	0.0805	0.8743	0.7471	0.4410
smarket	0.7680	0.2320	0.7680	0.5359	0.7209
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6842	0.3158	0.6833	0.3667	0.8414
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.4532	0.1823	0.3784	0.2850	0.4820
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.8824	0.0124	0.8732	0.8712	0.0645
spam-detection	0.9240	0.0760	0.7170	0.3475	0.4117
spambase	0.6043	0.3957	0.3767	0.0000	0.4981
spect	0.7407	0.2593	0.5488	0.0870	0.8344
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.3962	0.0252	0.1816	0.3522	0.2036
splice-EI	0.8013	0.1987	0.7034	0.3527	0.6273
splice-IE	0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles	0.8600	0.1400	0.8478	0.6893	0.5224
squash-stored	0.4000	0.4000	0.3030	0.0000	0.5733

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-unstored	0.8000	0.1333	0.5385	0.5455	0.2005
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5345	0.3103	0.3749	0.0572	0.3998
steel-b	0.8000	0.2000	0.6492	0.2744	0.7315
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9538	0.0462	0.9273	0.8516	0.2615
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9744	0.0256	0.8122	0.6029	0.3542
steel-z	0.9487	0.0513	0.8423	0.6782	0.4205
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.9031	0.0646	0.9065	0.8547	0.1770
streaming	0.5520	0.4480	0.3557	0.0000	0.5174
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4850	0.2060	0.2654	0.0823	0.4160
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7188	0.1125	0.2655	0.0777	0.2017
studentap	0.5385	0.3077	0.5174	0.2778	0.6337
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.8545	0.0264	0.8679	0.8396	0.1467
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8684	0.1316	0.8407	0.6303	0.3018
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7836	0.2164	0.6593	0.2383	0.6278
titanic	0.8273	0.1727	0.8016	0.5483	0.4541
tourist	0.6250	0.1500	0.2894	0.4146	0.1775
tox_171	0.5294	0.2353	0.5238	0.3761	0.3920
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7733	0.2267	0.6300	0.2144	0.7208
trec11-wc	0.4146	0.1301	0.2058	0.1848	0.3151
trec12-wc	0.4516	0.1371	0.3490	0.2640	0.2878
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.5238	0.1587	0.3599	0.2446	0.3467
trec31-wc	0.6022	0.1326	0.5058	0.4193	0.3896
trec41-wc	0.5000	0.1000	0.2984	0.3500	0.3392
trec45-wc	0.4058	0.1188	0.3489	0.2805	0.3384
tuandromd	0.9013	0.0987	0.8357	0.6535	0.4358
turkish	0.6250	0.1875	0.6272	0.5000	0.5005
tvnews1%	0.7077	0.2923	0.6690	0.3131	0.7846
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9701	0.0299	0.6990	0.1496	0.0920
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7164	0.0630	0.7354	0.6663	0.1915
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vehicle	0.6429	0.1786	0.6268	0.5199	0.4899
vehicleVAN	0.7500	0.2500	0.5985	0.1600	0.7650
voice	0.7500	0.2500	0.7044	0.4000	0.7643
vote	0.9302	0.0698	0.9346	0.8608	0.2605
vowel	0.3434	0.1194	0.3518	0.2778	0.3329
vowelZ	0.9192	0.0808	0.7036	0.1852	0.1938
wap-wc	0.4295	0.0571	0.2622	0.3345	0.3372
warpar10p	0.6154	0.0769	0.5250	0.5695	0.1110
warppie10p	0.8571	0.0286	0.8663	0.8409	0.0651
watch-acc1%	0.3056	0.1984	0.3137	0.1642	0.4788
watch-gyr1%	0.2580	0.2120	0.2660	0.1342	0.5507
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.7880	0.1413	0.7899	0.6822	0.4315
weather-related	0.4135	0.1066	0.4034	0.2939	0.3734
web-phishing	0.8148	0.1235	0.7189	0.6517	0.3201
Weekly	0.9352	0.0648	0.9347	0.8679	0.3070
weight-lift	0.2922	0.2831	0.2400	0.0132	0.3932
white-clover	0.1667	0.4167	0.0714	-0.6667	0.3708
wifi-loc	0.9750	0.0125	0.9752	0.9667	0.0563
wilt	0.9503	0.0497	0.6325	0.1838	0.4551
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5849	0.1384	0.2694	0.3113	0.3809
winequality-white	0.5174	0.1609	0.2831	0.1989	0.4539
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.6316	0.3684	0.3871	0.0000	0.4848
yale	0.6250	0.0500	0.5981	0.5983	0.0952
yeast	0.4662	0.1068	0.3218	0.3093	0.4067
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9527	0.0473	0.6386	0.2055	0.4689
zip	0.1860	0.1628	0.1156	0.0239	0.3865

Table 459: Detailed results for RVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accident	0.6500	0.3500	0.6573	0.3000	0.8418
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.7556	0.0489	0.5604	0.5722	0.2106
auction	0.9412	0.0588	0.8557	0.6836	0.2804
audiology	0.6818	0.0579	0.5789	0.6235	0.1596
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7588	0.8693	0.0929
babies	0.4677	0.1521	0.1794	0.1661	0.4648
balance	0.9677	0.0215	0.9490	0.9429	0.1426
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
biodeg	0.9048	0.0952	0.9003	0.8000	0.4323
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
breast-cancer	0.6786	0.3214	0.4043	-0.0678	0.7870
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.5880	0.6598	0.1537
bridges	0.9000	0.0286	0.7022	0.8485	0.0526
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
car	0.9713	0.0144	0.9665	0.9391	0.1483
card	0.9130	0.0870	0.9108	0.8216	0.3987
cardiotocography	0.8451	0.0310	0.8116	0.8140	0.1883
cardiotocography-nsp	0.9296	0.0469	0.8702	0.7998	0.2661
cars	0.8000	0.1333	0.7071	0.6343	0.3362
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9884	0.0116	0.9307	0.8512	0.0446
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
churn-bigml	0.9251	0.0749	0.8373	0.6640	0.4364
ci900367j_MACCS	0.7053	0.2947	0.6760	0.3455	0.8195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cirrhosis	0.7381	0.1746	0.5079	0.4809	0.5473
ckd	0.9500	0.0500	0.9461	0.8864	0.1761
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.7500	0.1667	0.7708	0.6087	0.4277
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5102	0.3265	0.4767	0.2222	0.7365
cnae-9	0.9167	0.0185	0.9214	0.9062	0.0938
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.6000	0.0533	0.5614	0.5571	0.2184
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.8276	0.1724	0.8145	0.6272	0.6286
colposcopies-2	0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3	0.8276	0.1724	0.8237	0.6310	0.5561
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4062	0.0297	0.2979	0.3932	0.0854
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7037	0.2963	0.6971	0.3941	0.8201
darwin	0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	0.8571	0.1429	0.8654	0.6957	0.3522
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.5828	0.0525	0.4903
dermatology	0.9189	0.0270	0.9191	0.8982	0.0846
desharnais	0.2500	0.5000	0.1667	-0.1429	0.6406
dexter	0.7833	0.2167	0.7835	0.5667	0.6938
df_final	0.5000	0.3333	0.3810	0.2000	0.5537
DIA	0.8167	0.1833	0.7333	0.4500	0.6677
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6250	0.3750	0.5966	0.1692	0.8621
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
drug-01	0.4309	0.1626	0.2049	0.1007	0.5058
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-04	0.5213	0.1368	0.1575	0.0635	0.4157
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4096	0.1687	0.2489	0.2465	0.5555
drug-07	0.4734	0.1505	0.1468	0.0975	0.3427
drug-08	0.5851	0.1185	0.2403	0.1968	0.3869
drug-09	0.8617	0.0395	0.1322	-0.0062	0.2209
drug-10	0.5532	0.1277	0.1527	0.1271	0.3549
drug-11	0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1782	0.2522	0.3933
drug-14	0.5904	0.1170	0.2711	0.2051	0.3809
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.6011	0.1140	0.2865	0.3272	0.3931
drug-17	0.3777	0.1778	0.2509	0.1347	0.4823
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0068	0.2303
ecoli	0.8824	0.0294	0.5563	0.8348	0.0670
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
eucalyptus	0.6301	0.1479	0.6068	0.5240	0.4110
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.5000	0.1250	0.2643	0.3631	0.3001
forest	0.8846	0.0577	0.8750	0.8402	0.1464
gastrointestinal	0.6875	0.2083	0.6528	0.5062	0.4739
german	0.7200	0.2800	0.6712	0.3017	0.7423
glass	0.7619	0.0794	0.7572	0.6779	0.1645
glass-g2	0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	0.9091	0.0909	0.4762	-0.0476	0.6284
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	1.0000	0.0000	1.0000	1.0000	0.0000
glioma-grade	0.5833	0.4167	0.3684	0.0000	0.5068
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.6000	0.2000	0.6646	0.4675	0.3671
gsalc	0.7778	0.0741	0.8602	0.7353	0.1171
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hayes-roth	0.8125	0.1250	0.8451	0.7143	0.2695
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7500	0.1250	0.2155	0.0004	0.4189
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.7742	0.2258	0.7815	0.5526	0.6797
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-quantum	0.9000	0.1000	0.9014	0.7967	0.4211
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
horse	0.5833	0.2778	0.5374	0.2819	0.6576
ilpd	0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
kc1	0.8720	0.1280	0.7108	0.3665	0.5495
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6512	0.2956	0.7699

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.6471	0.0176	0.3792	0.6304	0.0707
led24	0.7000	0.0600	0.6927	0.6610	0.1424
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8333	0.0222	0.8576	0.8209	0.0682
liver	0.7059	0.2941	0.6808	0.3585	0.8145
lrs	0.8491	0.0302	0.4434	0.7895	0.0916
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.7933	0.8895	0.0419
lung-cancer-harvard2	0.8889	0.1111	0.8615	0.6842	0.5000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.4469	0.7255	0.1760
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
mammography	0.8333	0.1667	0.8327	0.6654	0.5984
marketing	0.8884	0.1116	0.7461	0.4693	0.5664
maternal	0.6337	0.2442	0.6378	0.4352	0.5479
messidor	0.6957	0.3043	0.6911	0.3822	0.8288
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fou	0.7950	0.0410	0.7978	0.7722	0.1837
mfeat-kar	0.9500	0.0100	0.9519	0.9444	0.0602
mfeat-mor	0.7500	0.0500	0.7538	0.7222	0.1891
mfeat-zer	0.8350	0.0330	0.8219	0.8167	0.1090
mice-prot	0.9815	0.0046	0.9779	0.9788	0.0222
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6471	0.1412	0.5640	0.5541	0.2685
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	1.0000	0.0000	1.0000	1.0000	0.0000
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.1111	0.5714	0.6000	0.1060
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4861	0.3426	0.2694	-0.0517	0.5491
obs	1.0000	0.0000	1.0000	1.0000	0.0000
oh0-wc	0.8119	0.0376	0.8075	0.7852	0.1924
oh10-wc	0.6476	0.0705	0.6425	0.6020	0.3237
oh15-wc	0.7500	0.0500	0.7415	0.7180	0.2559
oh5-wc	0.7473	0.0505	0.7521	0.7154	0.2676
olive	0.9298	0.0156	0.9093	0.9124	0.0470
orl	0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9068	0.8099	0.4016
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons	0.8389	0.1611	0.8346	0.6659	0.5909
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9369	0.0631	0.7116	0.2096	0.1619
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.6579	0.3421	0.6757	0.3067	0.7206
pediatric-leukemia	0.7941	0.0588	0.6852	0.7460	0.1577
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
pet-adoption	0.9250	0.0750	0.9142	0.8271	0.3585
phishing	0.9673	0.0327	0.9659	0.9317	0.2032
pima	0.7105	0.2895	0.6891	0.3407	0.7408
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6435	0.2647	0.8394
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0468	0.2259	0.4270	0.2074
profb	0.8209	0.1791	0.7901	0.5742	0.6347
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.7059	0.2941	0.7073	0.4118	0.8058
sclerosis	0.9259	0.0741	0.9250	0.8500	0.3546
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9499	0.9342	0.0672
segmentation	0.8564	0.1436	0.8431	0.6861	0.5651
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-2-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smk_can_187	0.6842	0.3158	0.6841	0.3596	0.8222
solar-flare	0.7482	0.0839	0.5709	0.6750	0.1893
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.9853	0.0015	0.9883	0.9839	0.0145
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.5094	0.0204	0.2286	0.4812	0.1438
sport-articles	0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
steel-b	0.8667	0.1333	0.7866	0.5676	0.5965
steel-d	0.9949	0.0051	0.9553	0.9065	0.0226
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.8256	0.1744	0.8048	0.6081	0.6309
steel-p	0.9385	0.0615	0.7560	0.4711	0.4407
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6450	0.1420	0.3683	0.4294	0.4171
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.4444	0.1727	0.6734
tae	0.4000	0.4000	0.3964	0.1000	0.7207
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.5907	0.1623	0.8074
trec11-wc	0.8049	0.0434	0.7488	0.7595	0.1669
trec12-wc	0.7419	0.0645	0.8202	0.6857	0.1518
trec21-wc	0.7879	0.0848	0.4599	0.5389	0.2615
trec23-wc	0.6667	0.1111	0.5181	0.4878	0.2879
trec31-wc	0.8817	0.0394	0.8653	0.8422	0.2107
trec41-wc	0.8636	0.0273	0.8210	0.8330	0.1925
trec45-wc	0.6957	0.0609	0.6641	0.6376	0.2331
turkish	0.8500	0.0750	0.8623	0.8000	0.1491
tvnews1%	0.9077	0.0923	0.9004	0.7966	0.3880
urban	0.8358	0.0365	0.8682	0.8080	0.1219
vehicle	0.8095	0.0952	0.7971	0.7450	0.2011
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.6061	0.0716	0.6436	0.5667	0.2131
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
wap-wc	0.5321	0.0468	0.3900	0.4837	0.2613
warpar10p	0.8462	0.0308	0.7742	0.8267	0.0382
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
web-phishing	0.8519	0.0988	0.7943	0.7376	0.4248
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
white-clover	0.3333	0.3333	0.1875	-0.2000	0.3601
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6038	0.1321	0.2858	0.3771	0.5036
wisc_bc	0.9649	0.0351	0.9643	0.9261	0.2027
yale	0.6250	0.0500	0.5790	0.5966	0.0936
yeast	0.5338	0.0932	0.3754	0.3990	0.3398
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

Table 460: Detailed results for SBFC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1687	0.0792	0.0298	0.0514	0.3647
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9822	0.0178	0.6916	0.3652	0.4985
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9604	0.0396	0.9149	0.8278	0.2989
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.5723	0.0987	0.6905
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
aids	0.8685	0.1315	0.8157	0.6293	0.5755
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7333	0.1067	0.3686	0.3639	0.2972
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9349	0.0651	0.9290	0.8532	0.2777
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9569	0.0216	0.8880	0.9180	0.2101
anuran-genus	0.9583	0.0104	0.8673	0.9322	0.2429
anuran-species	0.9542	0.0092	0.8989	0.9365	0.1376
anxiety	0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality	0.7475	0.2525	0.7475	0.4950	0.7539
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.9706	0.0294	0.9321	0.8633	0.2582
audiology	0.2727	0.1322	0.0390	0.0000	0.3533

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.8500	0.0600	0.8988	0.8020	0.1242
avila	0.9990	0.0002	0.9975	0.9988	0.0033
babies	0.4677	0.1521	0.1547	0.1596	0.4045
balance	0.7742	0.1505	0.5379	0.5778	0.3489
bank	0.9104	0.0896	0.7553	0.5048	0.5833
banknote	0.9197	0.0803	0.9256	0.8403	0.2974
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8825	0.1175	0.8718	0.7349	0.4464
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9952	0.0048	0.8695	0.7383	0.4184
biodeg	0.8381	0.1619	0.8314	0.6616	0.5983
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9863	0.0039	0.2586	0.0900	0.1460
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.6433	0.1784	0.6436	0.5244	0.5049
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.8214	0.1786	0.7739	0.5455	0.6636
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.7500	0.7778	0.0704
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8448	0.0776	0.7700	0.6899	0.3342
car-insurance	0.8010	0.1990	0.7783	0.5540	0.6861
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.8216	0.0357	0.7984	0.7886	0.2474
cardiotocography-nsp	0.9108	0.0595	0.8651	0.7722	0.3570
cardiovascular	0.7341	0.2659	0.7346	0.4681	0.7711
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6250	0.2500	0.4772	0.3174	0.6596
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.0183	0.6545	0.0119	0.0000	0.2189
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.6081	0.1352	0.4567
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.9406	0.0297	0.9342	0.9116	0.1387
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9997	0.0003	0.9261	0.8483	0.1544
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9277	0.0723	0.6909	0.1332	0.1784
churn	0.8560	0.1440	0.7559	0.4960	0.6093
churn-bigml	0.9326	0.0674	0.8533	0.6825	0.3223
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.7433	0.5238	0.3725
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7898	0.1051	0.6854	0.6636	0.3849
climate	0.9444	0.0556	0.7751	0.5424	0.5131
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5578	0.2948	0.5502	0.3073	0.6786
cnae-9	0.9259	0.0165	0.9289	0.9167	0.0755
codon_usage	0.8780	0.0222	0.8298	0.8522	0.2146
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2	0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3	0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c	0.8966	0.1034	0.8560	0.6692	0.2534
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.7742	0.1505	0.7335	0.6193	0.2267
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
cottonmeloidogyne	0.7788	0.2212	0.7791	0.5578	0.7013
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.7236	0.0790	0.6401	0.5602	0.4865
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.7000	0.1500	0.7140	0.6000	0.2630
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.9309	0.0230	0.8415	0.8598	0.2860
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.0312	0.0484	0.0056	0.0236	0.3032

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
customer-churn	0.9840	0.0160	0.7581	0.4799	0.3727
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.7191	0.4194	0.7609
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8163	0.1837	0.7125	0.4185	0.7097
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8960	0.1040	0.7234	0.4410	0.6256
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.7132	0.5789	0.3187
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8462	0.1538	0.8416	0.6810	0.5769
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7421	0.1032	0.7263	0.6354	0.3749
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.9468	0.0532	0.9438	0.8870	0.2943
dropout	0.7833	0.1445	0.7191	0.6431	0.4578
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5053	0.1413	0.2523	0.1830	0.5724
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.4894	0.1459	0.1886	0.0809	0.5623
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4468	0.1581	0.3090	0.2981	0.4965
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5585	0.1261	0.2077	0.2004	0.4180
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5585	0.1261	0.2090	0.2129	0.4988
drug-11	0.8404	0.0456	0.1305	-0.0126	0.2510
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1829	0.2941	0.3671
drug-14	0.5745	0.1216	0.2524	0.2701	0.5362
drug-15	0.7234	0.0790	0.1408	0.0934	0.3972
drug-16	0.5851	0.1185	0.2548	0.3148	0.4440
drug-17	0.3777	0.1778	0.2251	0.1351	0.4851
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9133	0.0248	0.9245	0.8952	0.1452
ecoli	0.8529	0.0368	0.5300	0.7969	0.1226
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8522	0.6959	0.5472

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0115	0.1236	0.0014	0.0000	0.3917
eeg-eye	0.7243	0.2757	0.7196	0.4358	0.7837
eeg10%	0.1387	0.1077	0.0152	0.0000	0.3662
eucalyptus	0.6849	0.1260	0.6663	0.5932	0.3688
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.7683	0.0273	0.6709	0.7362	0.2212
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
forest	0.9423	0.0288	0.9331	0.9206	0.0792
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6021	0.2653	0.4649	0.1662	0.5993
gene	0.9148	0.0568	0.9061	0.8636	0.2480
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.9469	0.0265	0.9468	0.9292	0.1253
gina	0.9020	0.0980	0.9022	0.8038	0.4235
glass	0.7619	0.0794	0.7409	0.6688	0.2237
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8947	0.1053	0.8944	0.7889	0.4478
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.9000	0.1000	0.8824	0.7368	0.2605
grub-damage	0.4000	0.3000	0.2576	0.1346	0.4553
haberman	0.6667	0.3333	0.5739	0.1477	0.8809
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.9659	0.0137	0.9639	0.9568	0.0812
har701%	0.8889	0.0317	0.5348	0.8376	0.2358
har7010%	0.8060	0.0554	0.4846	0.6881	0.1269
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.8410	0.0265	0.5206	0.7838	0.2906
harth10%	0.0012	0.1665	0.0002	0.0000	0.3230
hayes-roth	0.6250	0.2500	0.5797	0.3846	0.2117
hcc-survival	0.6471	0.3529	0.6550	0.3014	0.8522
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure	0.9840	0.0160	0.9814	0.9629	0.1235
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.6900	0.3100	0.6887	0.3774	0.8345
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.3571	0.1607	0.1598	0.1975	0.2771
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9005	0.0995	0.8134	0.6227	0.5355
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.7500	0.1667	0.7062	0.5628	0.4250
hotel-reservartions	0.8341	0.1659	0.8074	0.6124	0.6170
hr	0.8561	0.1439	0.4612	-0.0135	0.4899
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.9782	0.0218	0.9334	0.8665	0.2661
hypothyroid	0.9920	0.0040	0.7384	0.9532	0.0786
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7119	0.2881	0.6187	0.2302	0.8431
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.9747	0.0127	0.9753	0.9662	0.0514
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8154	0.1846	0.6371	0.2233	0.6726
jvowels	0.9036	0.0214	0.8992	0.8908	0.1415
kc1	0.8246	0.1754	0.6198	0.2311	0.7492
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.5385	0.1846	0.1400	-0.1471	0.5203
kc1-class-level-top5percentDF	0.8667	0.1333	0.7761	0.4444	0.5000
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.8682	0.0879	0.8248	0.7819	0.2530
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.5077	0.0547	0.5019	0.4462	0.4400
krvskp	0.9248	0.0752	0.9271	0.8499	0.3294
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6185	0.6591	0.0876
led24	0.7000	0.0600	0.6650	0.6610	0.1254
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8580	0.0109	0.8575	0.8523	0.1594
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8611	0.0185	0.8914	0.8511	0.0632
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.7059	0.2941	0.6808	0.3585	0.8145
loan	0.9719	0.0281	0.9705	0.9393	0.1214
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lrs	0.8302	0.0340	0.6165	0.7669	0.1424
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.8750	0.0357	0.6767	0.8462	0.0000
lung-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.8456	0.6147	0.3285
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.6538	0.3462	0.6539	0.3077	0.8759
magic04	0.8396	0.1604	0.8199	0.6320	0.5758
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.5941	0.2706	0.5919	0.3792	0.5654
math	0.7500	0.1250	0.7055	0.6212	0.4044
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6783	0.3217	0.6933	0.3701	0.7978
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac	0.9650	0.0070	0.9654	0.9611	0.0416
mfeat-fou	0.7750	0.0450	0.7745	0.7500	0.1962
mfeat-kar	0.9450	0.0110	0.9464	0.9389	0.0671
mfeat-mor	0.7100	0.0580	0.7092	0.6778	0.2053
mfeat-pix	0.9350	0.0130	0.9369	0.9278	0.0710
mfeat-zer	0.7750	0.0450	0.7775	0.7500	0.1580
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9811	0.0126	0.9789	0.9711	0.0537
mines	0.5294	0.1882	0.4646	0.4081	0.3766
mobile	0.9406	0.0021	0.9442	0.9395	0.0270
monks-1	0.6909	0.3091	0.7428	0.3746	0.4896
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.5039	0.0902	0.5205	0.4080	0.5279
musk	0.9530	0.0470	0.9060	0.8071	0.2952
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.9000	0.0250	0.4961	0.5884	0.1662
naticusdroid	0.9434	0.0566	0.9437	0.8868	0.2857
NCI60	1.0000	0.0000	1.0000	1.0000	0.0000
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9481	0.0519	0.9363	0.8727	0.3076
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9074	0.0463	0.8371	0.8633	0.1533
obesity	0.8768	0.0352	0.8826	0.8561	0.1407
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9859	0.0141	0.9803	0.9606	0.1384
Occupancy_Estimation	0.9951	0.0025	0.9835	0.9850	0.0262
oh0-wc	0.9208	0.0158	0.9227	0.9097	0.0852
oh10-wc	0.8190	0.0362	0.8025	0.7943	0.1743
oh15-wc	0.9022	0.0196	0.9056	0.8890	0.0988
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.9474	0.0117	0.9231	0.9347	0.0368
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9289	0.0711	0.6803	0.3245	0.5577
ozone8hr	0.9012	0.0988	0.6528	0.3055	0.6641
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.9118	0.8489	0.2581
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9052	0.0948	0.8993	0.7987	0.4298
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle10%	0.8838	0.1162	0.8630	0.7233	0.5251
pasture	1.0000	0.0000	1.0000	1.0000	0.0000
pc1	0.9189	0.0811	0.6396	0.2671	0.6352
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9110	0.8214	0.3648
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9736	0.0053	0.9736	0.9707	0.0424
period	0.8889	0.1111	0.8953	0.7692	0.4011
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7988	0.2012	0.7842	0.5680	0.6805
personalities	0.9392	0.0076	0.9393	0.9351	0.1000
pet-adoption	0.8900	0.1100	0.8736	0.7454	0.4718
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.7052	0.0842	0.6899	0.6551	0.3369
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.8069	0.0552	0.7947	0.7741	0.2190
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8130	0.1870	0.7760	0.5510	0.6817
phy	0.4972	0.5028	0.3321	0.0000	0.5287
pima	0.7895	0.2105	0.7776	0.5543	0.6922

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pirvision	0.9824	0.0118	0.9575	0.9454	0.1245
placement	0.7790	0.2210	0.7731	0.5462	0.7081
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4463	0.1230	0.1066	-0.0005	0.2879
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9559	0.0441	0.7170	0.4332	0.5890
polish-2nd	0.9489	0.0511	0.5468	0.0810	0.6121
polish-3rd	0.8981	0.1019	0.5552	0.1058	0.6007
polish-4th	0.9092	0.0908	0.6767	0.3325	0.6042
polish-5th	0.9357	0.0643	0.7946	0.5782	0.5796
polya	0.7654	0.2346	0.7467	0.4933	0.7415
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7353	0.2647	0.7391	0.4706	0.7516
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.3939	0.4246	0.2345
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9626	0.0150	0.9241	0.9497	0.0792
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pulsar	0.9832	0.0168	0.9486	0.8958	0.1738
raisin	0.8556	0.1444	0.8578	0.7111	0.5296
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9835	0.0165	0.9834	0.9667	0.1153
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6720	0.3280	0.6624	0.3246	0.8583
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8911	0.0363	0.8760	0.8663	0.1740
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.8896	0.1104	0.7566	0.4986	0.6287
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	1.0000	0.0000	1.0000	1.0000	0.0000
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.6217	0.1485	0.4505
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9740	0.0074	0.9767	0.9696	0.0357
segmentation	0.8416	0.1584	0.8362	0.6671	0.5853
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8921	0.1079	0.7858	0.5705	0.5943
shuttle	0.9993	0.0002	0.9706	0.9981	0.1117
sick	0.9682	0.0318	0.8629	0.7223	0.3795
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.8444	0.1556	0.7370	0.3626	0.4141
skin10%	0.9902	0.0098	0.9851	0.9703	0.1042
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.7429	0.2571	0.7323	0.4620	0.7634
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7482	0.0839	0.6428	0.6790	0.2404
sonar	0.8500	0.1500	0.8518	0.7000	0.5467
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9515	0.0485	0.8373	0.6488	0.3215
spambase	0.9304	0.0696	0.9270	0.8531	0.3319
spect	0.8519	0.1481	0.8146	0.6170	0.6093
spectf	0.9143	0.0857	0.8990	0.7961	0.4377
spectrometer	0.1923	0.0598	0.0856	0.0953	0.3351
splice-EI	0.9653	0.0347	0.9547	0.9092	0.2535
splice-IE	0.9054	0.0946	0.8745	0.7473	0.4931
sport-articles	0.8000	0.2000	0.7912	0.5804	0.6732
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.8787	0.0809	0.8481	0.8021	0.2652
steel-b	0.8821	0.1179	0.8386	0.6713	0.5677
steel-d	0.9949	0.0051	0.9553	0.9065	0.0226
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7897	0.2103	0.7711	0.5418	0.7028
steel-p	0.9282	0.0718	0.7886	0.5721	0.5868
steel-s	0.9949	0.0051	0.9665	0.9307	0.0228
steel-z	0.9692	0.0308	0.9226	0.8401	0.3898
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	1.0000	0.0000	1.0000	1.0000	0.0000
stockb	0.9824	0.0117	0.9826	0.9736	0.0590
streaming	0.9920	0.0080	0.9920	0.9838	0.0512
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6200	0.1520	0.3341	0.3851	0.4398
student-depression	0.8308	0.1692	0.8245	0.6479	0.6052
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4308	0.2277	0.2044	0.1579	0.4100
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.7862	0.2138	0.7842	0.5662	0.6850
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn	0.9219	0.0781	0.8994	0.7987	0.4131
texture	0.9855	0.0026	0.9865	0.9840	0.0221
theorem	0.8756	0.1244	0.8721	0.7396	0.4791
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	0.6737	0.3263	0.6434	0.2861	0.8589
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
titanic	0.7591	0.2409	0.7101	0.4121	0.7548
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.5934	0.1848	0.8446
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.9677	0.0081	0.9686	0.9613	0.0213
trec21-wc	0.9394	0.0242	0.9210	0.8842	0.1212
trec23-wc	0.9048	0.0317	0.8870	0.8720	0.1212
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.8250	0.0875	0.8199	0.7667	0.2173
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9646	0.0354	0.6844	0.3631	0.5656
ur3_cobotops_stop	0.9714	0.0286	0.8444	0.6722	0.5261
urban	0.3582	0.1426	0.3059	0.2503	0.5386
urinalysis	0.9371	0.0629	0.7192	0.4373	0.6096
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7857	0.1071	0.7706	0.7106	0.3366
vehicleVAN	0.9048	0.0952	0.8680	0.7288	0.4284
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4747	0.0955	0.5200	0.4222	0.2884
vowelZ	0.9798	0.0202	0.9363	0.8642	0.0715
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9709	0.0083	0.9703	0.9660	0.0516
watch-gyr1%	0.9722	0.0079	0.9715	0.9676	0.0502
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8220	0.1187	0.8241	0.7331	0.3791
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8444	0.1037	0.6465	0.7141	0.4313
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9752	0.0248	0.8685	0.7369	0.4224
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5723	0.1426	0.2740	0.2974	0.4345
winequality-white	0.5337	0.1332	0.2811	0.2728	0.4996
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5608	0.0878	0.3962	0.4310	0.3722
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 461: Detailed results for SDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0767	0.0637	0.0451	-0.0056	0.4822
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9806	0.0194	0.4951	-0.0029	0.3541
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9726	0.0274	0.9416	0.8761	0.0941
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8492	0.1508	0.5066	0.0132	0.7200
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8586	0.0943	0.3080	-0.0221	0.4024
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.8738	0.1262	0.5329	0.0656	0.6699
AID1608red	0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red	0.9720	0.0280	0.4929	-0.0142	0.5507
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9770	0.0230	0.4942	-0.0053	0.1896
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687AID721red	0.9979	0.0021	0.4995	-0.0009	0.3503
AID687red	0.9964	0.0036	0.4991	-0.0010	0.4450
AID688red	0.9893	0.0107	0.4973	-0.0025	0.4301
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8357	0.1643	0.7583	0.4994	0.6227
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8700	0.1300	0.8674	0.7345	0.5150
alcohol	0.7619	0.0952	0.3337	0.4638	0.4070
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8419	0.1581	0.8239	0.6456	0.5899
anneal	0.9663	0.0135	0.9634	0.9317	0.1560
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9875	0.0125	0.4969	-0.0056	0.5615
anuran-family	0.9166	0.0417	0.7387	0.8418	0.3122
anuran-genus	0.9332	0.0167	0.8264	0.8914	0.2718
anuran-species	0.9403	0.0119	0.8531	0.9167	0.1420
anxiety	0.0833	0.2037	0.0809	-0.0326	0.8396
apple-quality	0.7300	0.2700	0.7314	0.4600	0.7724
aps-failure	0.9870	0.0130	0.8326	0.6623	0.4921
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9944	0.0056	0.7825	0.4843	0.1636
arabidopsis10%	0.9916	0.0084	0.6127	0.1512	0.3891
arcene	0.7000	0.3000	0.7041	0.4000	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.7556	0.0489	0.5726	0.6037	0.2098
auction	0.8725	0.1275	0.6124	0.1467	0.5667
audiology	0.6087	0.0326	0.2287	0.5480	0.0549
audit-risk	0.9103	0.0897	0.9105	0.8051	0.2669
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.6500	0.1167	0.5703	0.5286	0.3059
avila	0.5031	0.0828	0.3567	0.2496	0.5911
babies	0.4274	0.1636	0.1394	0.0977	0.4306
balance	0.8871	0.0753	0.6113	0.7879	0.2115
bank	0.9014	0.0986	0.7401	0.4785	0.6215
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8940	0.1060	0.8874	0.7571	0.3455
basehock	0.9598	0.0402	0.9602	0.9196	0.2182
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8943	0.7809	0.2098
biodeg	0.8381	0.1619	0.8314	0.6616	0.5983
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	-0.0001	0.0426
body-perf	0.6067	0.1966	0.6086	0.4756	0.5159
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5090	0.4910	0.5090	0.0181	0.9947
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.8000	0.0571	0.6857	0.7143	0.1393
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4900	0.3400	0.2584	-0.0047	0.3805
car	0.8333	0.0833	0.6079	0.6507	0.3635
car-insurance	0.8250	0.1750	0.7928	0.5848	0.6472
card	0.8986	0.1014	0.8960	0.7888	0.4180
cardiotocography	0.7512	0.0498	0.7389	0.7041	0.3208
cardiotocography-nsp	0.8545	0.0970	0.7134	0.5998	0.4852
cardiovascular	0.6496	0.3504	0.6499	0.2992	0.8790
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5884	0.4850	0.3959
cas_N6512_cdk_ECFP2	0.7450	0.2550	0.7432	0.4864	0.7590
cas_N6512_rdkit_ATOMPAIR	0.7123	0.2877	0.7110	0.4219	0.8055
cas_N6512_RDkit_AtomPair_FP	0.7454	0.2546	0.7436	0.4871	0.7583
cas_N6512_rdkit_AVALON	0.7819	0.2181	0.7819	0.5630	0.6958
cas_N6512_RDkit_Avalon_FP	0.7960	0.2040	0.7967	0.5918	0.6684
cas_N6512_rdkit_descriptors	0.7169	0.2831	0.7187	0.4350	0.7915
cas_N6512_rdkit_FEATMORGAN	0.7373	0.2627	0.7355	0.4710	0.7706
cas_N6512_RDkit_Featmorgan_FP	0.7837	0.2163	0.7837	0.5667	0.6927
cas_N6512_RDkit_FP	0.7423	0.2577	0.7419	0.4833	0.7612
cas_N6512_rdkit_LAYERED	0.7600	0.2400	0.7609	0.5201	0.7299
cas_N6512_RDkit_Layered_FP	0.7546	0.2454	0.7531	0.5063	0.7440
cas_N6512_rdkit_MACCS	0.7573	0.2427	0.7551	0.5080	0.7345

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7546	0.2454	0.7537	0.5072	0.7433
cas_N6512_rdkit_MORGAN	0.7662	0.2338	0.7644	0.5286	0.7251
cas_N6512_RDkit_morgan_FP	0.7623	0.2377	0.7609	0.5218	0.7317
cas_N6512_rdkit_PATTERN	0.7554	0.2446	0.7559	0.5105	0.7384
cas_N6512_RDkit_pattern_FP	0.7653	0.2347	0.7664	0.5309	0.7207
cas_N6512_rdkit_RDKITFP	0.7788	0.2212	0.7791	0.5571	0.7004
cas_N6512_rdkit_TORSION	0.7354	0.2646	0.7355	0.4701	0.7700
ccds1%	0.9560	0.0440	0.5667	0.0957	0.5365
cdc_diabetes	0.8453	0.1031	0.4252	0.2297	0.3504
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8031	0.1969	0.7874	0.5743	0.6770
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9669	0.0331	0.7866	0.5692	0.4875
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9394	0.0606	0.6037	0.1969	0.6233
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9302	0.0698	0.6880	0.3645	0.6070
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8714	0.0643	0.8630	0.8085	0.2314
chrom19	0.9993	0.0007	0.8554	0.6925	0.5051
chrom191%	0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%	0.9989	0.0011	0.8248	0.6245	0.5256
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8050	0.1950	0.6381	0.2368	0.7038
churn-bigml	0.8839	0.1161	0.7268	0.4168	0.5589
ci900367j_MACCS	0.7789	0.2211	0.7604	0.5173	0.7088
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.5065	0.4420	0.3443
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7991	0.1005	0.5555	0.6826	0.3190
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4830	0.3447	0.4606	0.1819	0.7508
cnae-9	0.9722	0.0062	0.9725	0.9688	0.0311
codon_usage	0.7652	0.0427	0.5722	0.7143	0.3617
coil20	0.9792	0.0021	0.9804	0.9781	0.0148
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5172	0.4828	0.4383	-0.1215	0.9927
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6552	0.3448	0.6446	0.2892	0.8782
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.8387	0.1613	0.8114	0.6210	0.6099
column-3c	0.7419	0.1720	0.6792	0.5832	0.4193
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.9491	0.0339	0.6100	0.4148	0.5004
cottonmeloidogyne	0.7788	0.2212	0.7788	0.5576	0.7025
coupon	0.4314	0.5686	0.3014	0.0000	0.5291

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.6704	0.0942	0.5251	0.4794	0.5465
covtypeCD	0.9274	0.0726	0.8309	0.6447	0.4126
covtypeT	0.9177	0.0823	0.7160	0.4284	0.6291
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9994	0.0006	0.9045	0.8082	0.2814
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8829	0.0390	0.7763	0.7530	0.3480
cryotherapy	0.7778	0.2222	0.7750	0.5500	0.7072
cultivars	0.2500	0.0375	0.1644	0.2297	0.1180
customer-churn	0.9794	0.0206	0.6001	0.0183	0.1320
cybersecurity	0.1533	0.2822	0.1552	-0.0160	0.8920
cyclopentane	0.6667	0.3333	0.6657	0.3306	0.8586
cylinder-bands	0.7778	0.2222	0.7709	0.5352	0.6921
darwin	0.6667	0.3333	0.6710	0.3333	0.8394
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dating	0.1002	0.1800	0.0999	0.0003	0.9231
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8170	0.1830	0.6943	0.3494	0.6536
defect	0.8858	0.1142	0.7578	0.4299	0.3903
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8949	0.1051	0.7231	0.4416	0.6308
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.3750	0.4167	0.3158	0.0244	0.6574
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7833	0.2167	0.6817	0.3500	0.7451
diabetes	0.9038	0.0962	0.9108	0.8060	0.3522
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.8533	0.1467	0.7500	0.4690	0.5783
diabetic	0.5707	0.2862	0.4425	0.1819	0.6744
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5206	0.3196	0.3906	0.1036	0.7287
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all	0.0298	0.3881	0.0116	0.0000	0.3909
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.9972	0.0028	0.5980	0.0663	0.2191
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5680	0.4320	0.5645	0.1283	0.9545
drebin	0.9674	0.0326	0.9649	0.9296	0.1902
dropout	0.7540	0.1640	0.6755	0.5834	0.4563
drug-01	0.4149	0.1672	0.1834	0.0926	0.6112
drug-02	0.5053	0.1413	0.2131	0.1443	0.5801
drug-03	0.6702	0.0942	0.1334	0.0365	0.3654
drug-04	0.5000	0.1429	0.1881	0.0776	0.6675
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4096	0.1687	0.2377	0.2508	0.5505
drug-07	0.4734	0.1505	0.1445	0.0992	0.3429
drug-08	0.5638	0.1246	0.2250	0.1387	0.4225

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5638	0.1246	0.2527	0.1696	0.3649
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.2568	0.2529	0.3964
drug-14	0.5904	0.1170	0.2700	0.2907	0.5115
drug-15	0.7447	0.0729	0.1231	0.0221	0.2866
drug-16	0.6011	0.1140	0.2740	0.3291	0.3962
drug-17	0.3723	0.1793	0.1734	0.1256	0.4966
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7500	0.0714	0.1224	-0.0246	0.3990
drybean	0.9067	0.0267	0.9259	0.8872	0.1326
ecoli	0.8529	0.0368	0.5543	0.7942	0.1278
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2700	0.3650	0.2706	0.0267	0.8238
eeg	0.3286	0.0839	0.3357	0.2572	0.7046
eeg-eye	0.6455	0.3545	0.6373	0.2673	0.8741
eeg10%	0.3198	0.0850	0.3136	0.2482	0.6647
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5890	0.1644	0.5780	0.4754	0.4542
euthyroid	0.9177	0.0823	0.7108	0.3474	0.4544
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8709	0.1291	0.8727	0.7422	0.4987
fakenews	0.5400	0.4600	0.5404	0.0806	0.9741
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.8049	0.0230	0.7501	0.7754	0.1562
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5098	0.4902	0.4951	-0.0095	0.9942
financial-risk	0.7815	0.0728	0.6859	0.6449	0.2754
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9231	0.0385	0.9063	0.8934	0.1031
gas	0.8145	0.0618	0.8343	0.7773	0.2277
gastrointestinal	0.7500	0.1667	0.6925	0.5975	0.4319
gender	0.6000	0.2667	0.3800	0.1424	0.5617
gene	0.9022	0.0652	0.8921	0.8447	0.2625
german	0.7400	0.2600	0.6980	0.3612	0.7202
gestures	0.3502	0.3249	0.3544	0.1337	0.7860
gina	0.8847	0.1153	0.8854	0.7690	0.4652
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6190	0.1270	0.4522	0.4474	0.3193
glass-g2	0.8125	0.1875	0.8416	0.6364	0.4644
glassBWFP	0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP	0.6190	0.3810	0.5000	0.0000	0.9172
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8813	0.7590	0.4804
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.4833	0.2012	0.4985

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.9387	0.0102	0.8501	0.9275	0.0623
har	0.7074	0.1170	0.7019	0.6295	0.4338
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7619	0.0680	0.4269	0.6161	0.2644
har7010%	0.7577	0.0692	0.4119	0.6093	0.2389
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6533	0.0578	0.2220	0.5015	0.2646
harth10%	0.6523	0.0579	0.2240	0.4999	0.2665
hayes-roth	0.3750	0.4167	0.3965	0.0244	0.7361
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.8520	0.1480	0.8243	0.6467	0.5812
heart-quantum	0.9800	0.0200	0.9797	0.9587	0.1307
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass1%	0.8369	0.1631	0.8368	0.6737	0.5899
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.6412	0.3588	0.6383	0.2710	0.8789
higgs0.1%	0.6545	0.3455	0.6517	0.3000	0.8693
higgs1%	0.6389	0.3611	0.6359	0.2647	0.8778
higgs10%	0.6405	0.3595	0.6379	0.2697	0.8782
higher	0.2143	0.1964	0.1556	0.0833	0.3290
hinselmann	0.4000	0.6000	0.2857	-0.3636	0.7910
hitters	0.8750	0.1250	0.8784	0.7510	0.4764
hiv1-proteasa	0.9140	0.0860	0.8439	0.6871	0.5042
hiva	0.9574	0.0426	0.6459	0.2863	0.5931
horse	0.6389	0.2407	0.6078	0.3818	0.6101
hotel-reservartions	0.8139	0.1861	0.7811	0.5550	0.6474
hr	0.8421	0.1579	0.4571	-0.0379	0.6662
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5368	0.3088	0.5381	0.3047	0.7015
htru2	0.9765	0.0235	0.9259	0.8436	0.1437
hypothyroid	0.9257	0.0371	0.5177	0.3590	0.3432
hypothyroidT	0.9416	0.0584	0.7571	0.3700	0.1541
ilpd	0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.8987	0.0507	0.9061	0.8649	0.1735
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9063	0.0072	0.9098	0.9025	0.0789
jm1	0.8145	0.1855	0.6239	0.1619	0.6070
jvowels	0.9277	0.0161	0.9227	0.9181	0.1086
kc1	0.8246	0.1754	0.6290	0.2524	0.7488
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6429	0.0298	0.0768	0.3333	0.1354
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9940	0.0006	0.6490	0.9897	0.1102
kddcup991%	0.0020	0.1535	0.0003	0.0000	0.2182
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.8180	0.1213	0.7514	0.6991	0.2696
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2720	0.0809	0.2305	0.1731	0.5758
krvskp	0.9404	0.0596	0.9409	0.8809	0.2973
la1s-wc	0.8413	0.0529	0.8164	0.7984	0.2583
la2s-wc	0.8576	0.0475	0.8499	0.8187	0.2276
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5294	0.0235	0.3311	0.5130	0.0468
led24	0.6000	0.0800	0.6055	0.5480	0.1823
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.6950	0.0235	0.7002	0.6827	0.2843
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.7500	0.0333	0.7471	0.7318	0.1049
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9981	0.0019	0.9022	0.7868	0.4689
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9532	0.0468	0.9513	0.9015	0.2661
localization	0.3949	0.1100	0.1627	0.1612	0.5190
localization10%	0.3902	0.1109	0.1653	0.1633	0.5512
lrs	0.8491	0.0302	0.3747	0.7920	0.0854
lung	0.0476	0.3810	0.0182	0.0000	0.2983
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.9286	0.0357	0.7135	0.8716	0.1130
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5808	0.4192	0.5815	0.1615	0.9405
magic04	0.7749	0.2251	0.7432	0.4743	0.7055
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8444	0.6875	0.5712
marketing	0.8884	0.1116	0.7461	0.4693	0.5664
maternal	0.6337	0.2442	0.6332	0.4336	0.5222
math	0.7750	0.1125	0.7630	0.6597	0.3691
mba	0.8226	0.1183	0.3781	0.0998	0.3791
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2300	0.3080	0.2339	0.0386	0.8464
messidor	0.6957	0.3043	0.7046	0.3988	0.7954
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6667	0.1667	0.7622	0.5304	0.2809
meter-D	0.7778	0.1111	0.6350	0.6856	0.1970
mfeat-fac	0.9750	0.0050	0.9754	0.9722	0.0314
mfeat-fou	0.7950	0.0410	0.8004	0.7722	0.1707
mfeat-kar	0.9750	0.0050	0.9752	0.9722	0.0315
mfeat-mor	0.7300	0.0540	0.7356	0.7000	0.1746
mfeat-pix	0.9800	0.0040	0.9804	0.9778	0.0247

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-zer	0.7900	0.0420	0.8008	0.7667	0.1453
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8113	0.1258	0.8039	0.7131	0.3679
mines	0.4118	0.2353	0.4110	0.2641	0.4795
mobile	0.7937	0.0074	0.8094	0.7899	0.0928
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4650	0.0973	0.4642	0.3550	0.5734
musk	0.9288	0.0712	0.8524	0.6831	0.3424
MUT_ci300400a_cdk_ECFP2	0.8034	0.1966	0.7963	0.5913	0.6607
MUT_ci300400a_cdk_ECFP4	0.7940	0.2060	0.7910	0.5808	0.6779
MUT_ci300400a_cdk_ECFP6	0.7808	0.2192	0.7751	0.5501	0.7050
MUT_ci300400a_cdk_ESTATE	0.7194	0.2806	0.7096	0.4188	0.8007
MUT_ci300400a_cdk_EXTENDED	0.7998	0.2002	0.7970	0.5927	0.6669
MUT_ci300400a_cdk_FCFP2	0.7749	0.2251	0.7669	0.5330	0.7146
MUT_ci300400a_cdk_FCFP4	0.7794	0.2206	0.7723	0.5445	0.7077
MUT_ci300400a_cdk_FCFP6	0.7734	0.2266	0.7707	0.5398	0.7123
MUT_ci300400a_cdk_MACCS	0.7638	0.2362	0.7542	0.5044	0.7256
MUT_ci300400a_cdk_PUBCHEM	0.8323	0.1677	0.8266	0.6525	0.6033
MUT_ci300400a_cdk_STANDARD	0.7665	0.2335	0.7610	0.5218	0.7285
MUT_ci300400a_rdkit_descriptors	0.7293	0.2707	0.7237	0.4474	0.7849
myocardial	0.8294	0.0426	0.3700	0.3669	0.6475
naticusdroid	0.9485	0.0515	0.9491	0.8970	0.2600
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8549	0.0153	0.2872	0.6030	0.4408
ncRNA10%	0.8549	0.0153	0.2798	0.6063	0.5357
neo	0.8975	0.1025	0.5627	0.0607	0.5229
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6408	0.3592	0.6378	0.2746	0.8894
NHANES_age_prediction	0.9692	0.0308	0.9405	0.8776	0.1837
nomao	0.2855	0.7145	0.2221	0.0000	0.4710
NPHA-doctor-visits	0.4306	0.3796	0.2482	-0.1203	0.5916
nursery	0.9144	0.0428	0.8342	0.8733	0.1286
obesity	0.8578	0.0406	0.8559	0.8341	0.1619
obs	0.7222	0.1389	0.7569	0.5993	0.3704
occupancy	0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation	0.9822	0.0089	0.9500	0.9449	0.0453
oh0-wc	0.9109	0.0178	0.9069	0.8980	0.0966
oh10-wc	0.7905	0.0419	0.7594	0.7605	0.1707
oh15-wc	0.8804	0.0239	0.8695	0.8636	0.1021
oh5-wc	0.8462	0.0308	0.8466	0.8256	0.1428
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9123	0.0195	0.8306	0.8905	0.0531
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9520	0.0096	0.9545	0.9466	0.0656
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ozone1hr	0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr	0.9170	0.0830	0.6085	0.1860	0.6144
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8763	0.1237	0.8646	0.7284	0.5224
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9506	0.0197	0.7187	0.6864	0.3427
parkinson	0.9250	0.0750	0.9227	0.8453	0.3634
parkinsons	0.7820	0.2180	0.7770	0.5501	0.6967
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8912	0.1088	0.8620	0.7219	0.4876
particle10%	0.8762	0.1238	0.8436	0.6863	0.5380
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.6214	0.2387	0.6639
pcmac	0.5258	0.4742	0.5074	0.0147	0.9862
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8191	0.6364	0.5732
pediatric-leukemia	0.7941	0.0588	0.7203	0.7421	0.1519
pendigits	0.8963	0.0207	0.8982	0.8847	0.1271
period	0.7778	0.2222	0.8163	0.5714	0.5000
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8134	0.1866	0.7980	0.5936	0.6458
personalities	0.9060	0.0118	0.9060	0.8997	0.1435
pet-adoption	0.8750	0.1250	0.8560	0.7095	0.5120
phishing	0.9429	0.0571	0.9400	0.8788	0.2812
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.9987	0.0013	0.9987	0.9974	0.0131
phone-acc0.1%	0.5590	0.1260	0.5384	0.4829	0.4567
phone-acc1%	0.5774	0.1208	0.5427	0.5040	0.4347
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.6037	0.1132	0.5639	0.5345	0.3648
phone-gyr1%	0.6205	0.1084	0.5788	0.5546	0.3479
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7852	0.2148	0.7345	0.4689	0.7354
phy	0.7046	0.2954	0.7046	0.4092	0.8151
pima	0.6974	0.3026	0.6769	0.2974	0.7169
pirvision	0.9824	0.0118	0.9664	0.9438	0.0954
placement	0.7810	0.2190	0.7779	0.5547	0.7010
plant-growth	0.8947	0.1053	0.8944	0.7889	0.4478
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4907	0.1455	0.1332	-0.0086	0.2709
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.5683	0.0325	0.3073
polish-4th	0.9439	0.0561	0.5386	0.0260	0.4089
polish-5th	0.9289	0.0711	0.5650	0.0363	0.3725
polya	0.7719	0.2281	0.7495	0.4986	0.7330
popularity	0.6484	0.2344	0.4405	0.2145	0.6337
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.7886	0.0846	0.7907	0.7358	0.3017
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6933	0.3824	0.8214
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3030	0.0634	0.1491	0.2418	0.2097
processed	0.8761	0.1239	0.8572	0.7143	0.5261
profb	0.8209	0.1791	0.7970	0.5939	0.6524
promoters	0.8000	0.2000	0.8077	0.5455	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.7507	0.0997	0.6680	0.6568	0.2960
puc-rio10%	0.7562	0.0975	0.6505	0.6640	0.2831
pufs-1281%	0.5073	0.4927	0.5073	0.0147	0.9956
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5023	0.4977	0.5023	0.0047	0.9987
pufs-641%	0.5021	0.4979	0.5021	0.0042	0.9988
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9745	0.0255	0.9198	0.8280	0.1215
raisin	0.8889	0.1111	0.8924	0.7778	0.4271
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.7800	0.0338	0.7907	0.6989	0.2191
re1-wc	0.7530	0.0198	0.6357	0.7122	0.1760
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6081	0.3919	0.5775	0.1491	0.9209
RT_IOT2022	0.9539	0.0077	0.8515	0.8841	0.0433
satimage	0.8336	0.0555	0.7955	0.7934	0.2118
satimageF	0.9782	0.0218	0.9418	0.8803	0.1611
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.5882	0.1765	0.9389
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9231	0.0769	0.6480	0.2931	0.6417
secondary_mushroom	0.8310	0.1690	0.8292	0.6584	0.6053
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9004	0.0284	0.9105	0.8835	0.1068
segmentation	0.7921	0.2079	0.7734	0.5468	0.6983
segmentO	0.9351	0.0649	0.8606	0.6927	0.2723
seismic	0.0659	0.9341	0.0618	0.0000	0.1669
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8451	0.1549	0.5707	0.1208	0.7226
sens-2-gram	0.8579	0.1421	0.5831	0.1261	0.6648
sens-3-gram	0.8342	0.1658	0.6149	0.2287	0.7445
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8263	0.1737	0.5857	0.1695	0.7589
sens-9-gram	0.8658	0.1342	0.6348	0.2382	0.6631
sensorless	0.7234	0.0503	0.7252	0.6958	0.2525
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8848	0.1152	0.7419	0.4277	0.4925
shuttle	0.9176	0.0235	0.5797	0.7355	0.2651
sick	0.9523	0.0477	0.7806	0.5471	0.4710
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9326	0.0674	0.9039	0.8050	0.4257
skin10%	0.9306	0.0694	0.8996	0.7974	0.4323
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2200	0.3900	0.2170	-0.0361	0.8473
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smoking	0.7434	0.2566	0.7233	0.4467	0.7749
soil_pollution	0.2067	0.3173	0.2085	0.0078	0.8663
solar-flare	0.7770	0.0743	0.6952	0.7138	0.2037
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection	0.9455	0.0545	0.8204	0.6315	0.4435
spambase	0.8957	0.1043	0.8908	0.7767	0.4192
spect	0.7037	0.2963	0.6196	0.2340	0.8108
spectf	0.8000	0.2000	0.7378	0.4615	0.6846
spectrometer	0.6604	0.0142	0.2893	0.6407	0.0877
splice-EI	0.9338	0.0662	0.9190	0.8334	0.3883
splice-IE	0.9117	0.0883	0.8767	0.7532	0.4631
sport-articles	0.8600	0.1400	0.8478	0.6893	0.5224
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7118	0.1922	0.6788	0.5479	0.5161
steel-b	0.7897	0.2103	0.6749	0.3494	0.7648
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9590	0.0410	0.9356	0.8693	0.2472
steel-o	0.7692	0.2308	0.7374	0.4274	0.6302
steel-p	0.9077	0.0923	0.6568	0.3085	0.6532
steel-s	0.9795	0.0205	0.8697	0.7393	0.4154
steel-z	0.9436	0.0564	0.8515	0.7004	0.5093
stellar	0.8434	0.1044	0.8201	0.7055	0.3416
stock	0.8889	0.1111	0.7920	0.5583	0.4961
stockb	0.9119	0.0587	0.9179	0.8679	0.1495
streaming	0.7980	0.2020	0.7956	0.5911	0.6705
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5700	0.1720	0.3246	0.3331	0.4465
student-depression	0.8340	0.1659	0.8278	0.6535	0.5945
student-habits	0.4200	0.2320	0.1934	0.0791	0.4590
student-weekend	0.3692	0.2523	0.2874	0.1505	0.6975
student-workday	0.6562	0.1375	0.2549	0.1564	0.6364
studentap	0.7692	0.1538	0.7528	0.6455	0.3468
susy	0.7608	0.2392	0.7698	0.5038	0.6304
susy1%	0.7580	0.2420	0.7664	0.4982	0.6397
susy10%	0.7622	0.2378	0.7706	0.5070	0.6329
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8963	0.1037	0.8639	0.7263	0.4827
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	0.9935	0.0065	0.9933	0.9865	0.0509
thoracic	0.8298	0.1702	0.5713	0.1215	0.7363
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9013	0.0987	0.8738	0.7453	0.4976
tis10%	0.8358	0.1642	0.7611	0.5075	0.6266
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.8824	0.0588	0.9083	0.8440	0.0951
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7067	0.2933	0.4141	-0.0956	0.8451

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec11-wc	0.7561	0.0542	0.6524	0.6901	0.1993
trec12-wc	0.8710	0.0323	0.9082	0.8412	0.0862
trec21-wc	0.9091	0.0364	0.7107	0.8183	0.2525
trec23-wc	0.8095	0.0635	0.8666	0.7367	0.2342
trec31-wc	0.9032	0.0323	0.8990	0.8698	0.1329
trec41-wc	0.8750	0.0250	0.7217	0.8431	0.1058
trec45-wc	0.7971	0.0406	0.7418	0.7606	0.1629
tuandromd	0.9776	0.0224	0.9659	0.9315	0.2128
turkish	0.8250	0.0875	0.8244	0.7667	0.1948
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9154	0.0846	0.9085	0.8160	0.3871
tvnews10%	0.8959	0.1041	0.8870	0.7725	0.4456
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9605	0.0395	0.5581	0.0556	0.4307
urban	0.7612	0.0531	0.8053	0.7201	0.1742
urinalysis	0.9510	0.0490	0.7274	0.4373	0.5211
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7143	0.1429	0.6990	0.6196	0.2690
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5859	0.0753	0.6038	0.5444	0.2074
vowelZ	0.9495	0.0505	0.8905	0.7556	0.4786
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7692	0.0231	0.5804	0.7403	0.1395
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.5275	0.1350	0.5139	0.4457	0.5205
watch-acc10%	0.5269	0.1352	0.5159	0.4449	0.5134
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.5128	0.1392	0.4982	0.4291	0.4871
watch-gyr10%	0.5161	0.1383	0.5084	0.4328	0.4786
water_pollution	0.2167	0.3917	0.2176	-0.0437	0.8833
waveform	0.8600	0.0933	0.8620	0.7900	0.3187
weather-related	0.9327	0.0122	0.9385	0.9235	0.0774
web-phishing	0.7852	0.1432	0.6017	0.6027	0.5050
Weekly	0.9537	0.0463	0.9547	0.9053	0.1858
weight-lift	0.5618	0.1753	0.5592	0.4466	0.5865
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9850	0.0075	0.9854	0.9800	0.0341
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5660	0.1447	0.2678	0.2964	0.4708
winequality-white	0.5215	0.1367	0.2702	0.2420	0.5116
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.9696	0.0087	0.9706	0.9616	0.0621
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.9375	0.0083	0.9164	0.9328	0.0137
yeast	0.5000	0.1000	0.3384	0.3636	0.4390
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9032	0.0194	0.8948	0.8915	0.1422

Table 462: Detailed results for SDWD(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1181	0.0840	0.0101	0.0000	0.3687
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.0010	0.9990	0.0010	0.0000	0.0029
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.7079	0.1169	0.1658	0.0000	0.2204
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.4833	0.1033	0.0652	0.0000	0.2803
anxiety	0.1167	0.1963	0.0232	0.0000	0.4048
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.0080	0.9920	0.0080	0.0000	0.0229
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.0080	0.9920	0.0080	0.0000	0.0228

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.6444	0.0711	0.3345	0.2857	0.2144
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.7727	0.0413	0.6326	0.7243	0.1026
audit-risk	0.8205	0.1795	0.8260	0.5941	0.3821
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6500	0.1167	0.5146	0.5189	0.2776
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8871	0.0753	0.6113	0.7879	0.2115
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.5547	0.4453	0.3568	0.0000	0.5166
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.5464	0.6526	0.1421
bridges	0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.2723	0.1455	0.0428	0.0000	0.3452
cardiotocography-nsp	0.7793	0.1471	0.2920	0.0000	0.2332
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3477	0.4349	0.1720	0.0000	0.4145
cars	0.6250	0.2500	0.2564	0.0000	0.3255
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.7143	0.1905	0.4898	0.3854	0.3567
cjs	0.2429	0.2524	0.0651	0.0000	0.3839
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.3991	0.3005	0.1426	0.0000	0.3286
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.3333	0.4444	0.1667	0.0000	0.3838
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9	0.1759	0.1831	0.1457	0.0729	0.3783
codon_usage	0.2241	0.1411	0.0333	0.0000	0.3196
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.8182	0.1818	0.7561	0.4420	0.5047
collins	0.2400	0.1013	0.0524	0.1092	0.3882
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.5862	0.4138	0.4577	-0.0675	0.9445
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.6207	0.3793	0.6471	0.0963	0.4968
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8387	0.1613	0.8092	0.5995	0.5508
column-3c	0.7419	0.1720	0.5351	0.5579	0.2707
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.5048	0.4952	0.3355	0.0000	0.5277

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.7000	0.1500	0.6268	0.6000	0.2047
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	0.6667	0.3333	0.6582	0.3077	0.8482
cultivars	0.0000	0.0500	0.0000	-0.0029	0.3822
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.7105	0.3684	0.6911
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8462	0.1538	0.8375	0.6750	0.5822
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8500	0.0750	0.6787	0.7875	0.1181
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.4966	0.3356	0.2212	0.0000	0.3715
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2500	0.2143	0.0571	0.0000	0.3741
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1368	0.0979	0.0000	0.2706
drug-17	0.3245	0.1930	0.0700	0.0000	0.3521
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.2608	0.2112	0.0591	0.0000	0.3690
ecoli	0.7647	0.0784	0.5449	0.6508	0.1556
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.1387	0.1077	0.0152	0.0000	0.3662
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4932	0.2027	0.2638	0.3033	0.3496
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.4731	0.5269	0.3212	0.0000	0.5305
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.2073	0.0933	0.0202	0.0000	0.3505
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8125	0.0625	0.6236	0.7513	0.0899
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.8462	0.0769	0.8373	0.7849	0.1772
gas	0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.5110	0.3260	0.2255	0.0000	0.3731
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6667	0.1111	0.3713	0.5067	0.2124
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP	0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.4707	0.2638	0.5609

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.4779	0.1492	0.0924	0.0000	0.2652
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.4493	0.0918	0.0517	0.0000	0.2692
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.7059	0.2941	0.6916	0.3511	0.7534
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.8800	0.1200	0.8764	0.7414	0.4310
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.4970	0.5030	0.3320	0.0000	0.5287
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.5309	0.4691	0.3468	0.0000	0.5229
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.4481	0.1401	0.3449
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8286	0.1714	0.8045	0.5333	0.3522
iris	0.8000	0.1333	0.8000	0.6875	0.2075
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.0372	0.0741	0.0028	0.0000	0.4203
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.1627	0.1861	0.0311	0.0000	0.3941
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.1626	0.0930	0.0155	0.0000	0.3433
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc	0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.1765	0.0716	0.0843	0.1392	0.3179
led24	0.7000	0.0600	0.5861	0.6591	0.1063
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.0380	0.0740	0.0028	0.0000	0.4195
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.4722	0.0704	0.3508	0.4342	0.1927
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.6765	0.3235	0.4035	0.0000	0.4580
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.6981	0.0863	0.4217	0.5513	0.2343
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.2500	0.2143	0.0571	0.0000	0.3217
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.5851	0.4149	0.3691	0.0000	0.5062
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	0.8108	0.1892	0.4478	0.0000	0.3405
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.3960	0.4026	0.1891	0.0000	0.4042
math	0.7000	0.1500	0.5634	0.5072	0.3303
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.5652	0.4348	0.3611	0.0000	0.5133
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.3889	0.3056	0.4899	0.1646	0.3360
meter-D	0.6111	0.1944	0.4222	0.4299	0.2079
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
milk	0.4057	0.3962	0.1924	0.0000	0.3990
mines	0.4412	0.2235	0.2483	0.2806	0.3278
mobile	0.0175	0.0351	0.0006	0.0000	0.4297
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.0057	0.1047	0.0006	0.0000	0.1658
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.0105	0.0450	0.0005	0.0000	0.4162
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.8414	0.1586	0.4569	0.0000	0.3047
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1659	0.2383	0.0406	0.0000	0.3993
obs	0.4630	0.2685	0.1582	0.0000	0.3435
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.8124	0.0938	0.2241	0.0000	0.1814
oh0-wc	0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.4561	0.1209	0.1475	0.1954	0.2890
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.5917	0.4083	0.3717	0.0000	0.5035
parkinsons	0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7192	0.2808	0.4183	0.0000	0.4269
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.0864	0.1827	0.0159	0.0000	0.4092
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1413	0.2453	0.0354	0.0000	0.4030
phone-acc0.1%	0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7167	0.2833	0.4175	0.0000	0.4290
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6053	0.3947	0.3770	0.0000	0.4977
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.6422	0.3578	0.3910	0.0000	0.4790
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6473	0.2353	0.7560
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.2121	0.1212	0.0949	0.1263	0.3592
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.5714	0.4286	0.3636	0.0000	0.5112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8000	0.2000	0.8211	0.6000	0.5074
rcv11%	0.0019	0.0487	0.0001	0.0000	0.3465
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.2271	0.2576	0.0617	0.0000	0.3819
satimageF	0.8911	0.1089	0.4712	0.0000	0.2371
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.7059	0.2941	0.7073	0.4118	0.8058
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9048	0.0635	0.9048	0.8571	0.1813
segment	0.1169	0.2523	0.0299	0.0000	0.4070
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	0.8528	0.1472	0.4603	0.0000	0.2903
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.1339	0.8661	0.1181	0.0000	0.2968
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.6029	0.0418	0.4531	0.5511	0.1608

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.6043	0.3957	0.3767	0.0000	0.4981
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.2885	0.0527	0.0840	0.2214	0.2594
splice-EI	0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE	0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles	0.6300	0.3700	0.3865	0.0000	0.4856
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.3304	0.4464	0.1656	0.0000	0.4171
streaming	0.5520	0.4480	0.3557	0.0000	0.5174
stress	0.3968	0.2413	0.2574	0.2491	0.2444
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.3279	0.1250	0.4208
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.0582	0.1712	0.0100	0.0000	0.4133
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.6773	0.3227	0.4038	0.0000	0.4575
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.7250	0.1375	0.7050	0.6333	0.2529
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.4776	0.1161	0.2992	0.3717	0.2979
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.1548	0.4226	0.0670	0.0000	0.4130
vehicleVAN	0.7500	0.2500	0.4286	0.0000	0.4011
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.0909	0.1653	0.0152	0.0000	0.4085
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.5185	0.3210	0.2276	0.0000	0.3298
Weekly	0.5556	0.4444	0.3571	0.0000	0.5164
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc	0.2500	0.3750	0.1000	0.0000	0.4042
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white	0.4479	0.1578	0.0884	0.0000	0.2575
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9649	0.0351	0.9629	0.9231	0.1408
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.2365	0.1527	0.0383	0.0000	0.3028
yeastCYT-POX	0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 463: Detailed results for SDWD(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1205	0.0838	0.0217	0.0043	0.3639
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.8090	0.0764	0.3776	0.4596	0.1451
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.4833	0.1033	0.0652	0.0000	0.2803
anxiety	0.1250	0.1944	0.0597	0.0057	0.5538
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.6000	0.4000	0.3750	0.0000	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.5556	0.0889	0.0714	0.0000	0.2612
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.4545	0.0992	0.1191	0.3016	0.2429
audit-risk	0.8205	0.1795	0.8260	0.5941	0.3821
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6000	0.1333	0.3201	0.4406	0.2357
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8871	0.0753	0.6113	0.7879	0.2115
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.5547	0.4453	0.3568	0.0000	0.5166
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5820	0.5644	0.1810
bridges	0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.4225	0.1155	0.3348	0.2408	0.3007
cardiotocography-nsp	0.7793	0.1471	0.2920	0.0000	0.2332
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3477	0.4349	0.1720	0.0000	0.4145
cars	0.6500	0.2333	0.4450	0.0924	0.3143
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6477	0.3523	0.3931	0.0000	0.4759
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.4898	0.3854	0.3567
cjs	0.2429	0.2524	0.0651	0.0000	0.3839
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.3991	0.3005	0.1426	0.0000	0.3286
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.3333	0.4444	0.1667	0.0000	0.3838
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2241	0.1411	0.0333	0.0000	0.3196
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.8182	0.1818	0.7561	0.4420	0.5047
collins	0.1600	0.1120	0.0184	0.0000	0.3776
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.5862	0.4138	0.4577	-0.0675	0.9445
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.6207	0.3793	0.5943	0.1212	0.7498
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c	0.7931	0.2069	0.6969	0.2018	0.3671
column-2c	0.8387	0.1613	0.8092	0.5995	0.5508
column-3c	0.7419	0.1720	0.6525	0.5739	0.3295
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%	0.5173	0.4827	0.3409	0.0000	0.5256
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.5048	0.4952	0.3355	0.0000	0.5277

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	0.7778	0.2222	0.7750	0.5500	0.7072
cultivars	0.3438	0.0328	0.2154	0.3267	0.1024
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7407	0.2593	0.7463	0.4522	0.6597
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8462	0.1538	0.8375	0.6750	0.5822
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.4966	0.3356	0.2212	0.0000	0.3715
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3936	0.1733	0.1586	0.2125	0.3773
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1368	0.0979	0.0000	0.2706
drug-17	0.3245	0.1930	0.0700	0.0000	0.3521
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.2608	0.2112	0.0591	0.0000	0.3690
ecoli	0.8529	0.0490	0.7151	0.7896	0.1138
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU	0.9091	0.0909	0.4762	0.0000	0.2092
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.1387	0.1077	0.0152	0.0000	0.3662
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6301	0.1479	0.6070	0.5133	0.3763
euthyroid	0.9019	0.0981	0.4742	0.0000	0.2206
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.2073	0.0933	0.0202	0.0000	0.3505
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.8846	0.0577	0.8670	0.8395	0.1128
gas	0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.5110	0.3260	0.2255	0.0000	0.3731
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6190	0.1270	0.4992	0.4437	0.2915
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP	0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.3232	0.1667	0.4293

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gsalc	0.5556	0.1481	0.5833	0.4706	0.1452
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.4779	0.1492	0.0924	0.0000	0.2652
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth	0.0012	0.1665	0.0002	0.0000	0.3230
harth1%	0.4493	0.0918	0.0517	0.0000	0.2692
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.1875	0.5417	0.1381	-0.3506	0.6600
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.8800	0.1200	0.8764	0.7414	0.4310
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.5309	0.4691	0.3468	0.0000	0.5229
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.1492	0.0375	0.3977
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6667	0.2222	0.5099	0.3374	0.3110
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8286	0.1714	0.8045	0.5333	0.3522
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.0372	0.0741	0.0028	0.0000	0.4203
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.1627	0.1861	0.0311	0.0000	0.3941
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.1626	0.0930	0.0155	0.0000	0.3433
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc	0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0230	0.6909	0.7216	0.0737
led24	0.6500	0.0700	0.6149	0.6045	0.1488
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0380	0.0740	0.0028	0.0000	0.4195
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.0556	0.1259	0.0070	0.0000	0.4122
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9963	0.0037	0.4991	0.0000	0.0166
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.6765	0.3235	0.4035	0.0000	0.4580
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.7925	0.0593	0.4712	0.7064	0.1513
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.5000	0.1429	0.4511	0.4074	0.2173
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.5851	0.4149	0.3691	0.0000	0.5062
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	0.8108	0.1892	0.4478	0.0000	0.3405
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.5347	0.3102	0.4853	0.2531	0.3652
math	0.8250	0.0875	0.8178	0.7252	0.2331
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.5652	0.4348	0.3611	0.0000	0.5133
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	0.7778	0.1481	0.5926	0.6400	0.1389
meter-C	0.8889	0.0556	0.9184	0.8448	0.1344
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9250	0.0150	0.9249	0.9167	0.0910
mfeat-fou	0.7700	0.0460	0.7771	0.7444	0.2028
mfeat-kar	0.9450	0.0110	0.9481	0.9389	0.0637
mfeat-mor	0.7200	0.0560	0.6964	0.6889	0.1833
mfeat-pix	0.9250	0.0150	0.9295	0.9167	0.0855
mfeat-zer	0.7550	0.0490	0.7357	0.7278	0.1875
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
milk	0.7075	0.1950	0.6538	0.5335	0.4630
mines	0.5294	0.1882	0.4430	0.4113	0.3207
mobile	0.8497	0.0054	0.8581	0.8469	0.0684
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.5178	0.4822	0.3412	0.0000	0.5256
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.5739	0.4261	0.3646	0.0000	0.5103
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.8414	0.1586	0.4569	0.0000	0.3047
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.5877	0.1178	0.5821	0.5172	0.3369
obs	0.5463	0.2269	0.4046	0.1989	0.2859
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.8124	0.0938	0.2241	0.0000	0.1814
oh0-wc	0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0907	0.1819	0.0166	0.0000	0.4085
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.5917	0.4083	0.3717	0.0000	0.5035
parkinsons	0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7192	0.2808	0.4183	0.0000	0.4269
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.0864	0.1827	0.0159	0.0000	0.4092
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1677	0.2378	0.0410	0.0000	0.3989
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr	0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr0.1%	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7167	0.2833	0.4175	0.0000	0.4290
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6053	0.3947	0.3770	0.0000	0.4977
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.6422	0.3578	0.3910	0.0000	0.4790
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6473	0.2353	0.7560
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4848	0.0793	0.3601	0.4222	0.2240
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8000	0.2000	0.8211	0.6000	0.5074
re0-wc	0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.2271	0.2576	0.0617	0.0000	0.3819
satimageF	0.8911	0.1089	0.4712	0.0000	0.2371
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9048	0.0272	0.9151	0.8886	0.1030
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	0.8528	0.1472	0.4603	0.0000	0.2903
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7266	0.0911	0.5276	0.6462	0.1831
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.7059	0.0310	0.3555	0.6700	0.1118

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.6043	0.3957	0.3767	0.0000	0.4981
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.1154	0.0655	0.0077	0.0000	0.3891
splice-EI	0.7476	0.2524	0.4278	0.0000	0.4032
splice-IE	0.7634	0.2366	0.4329	0.0000	0.3888
sport-articles	0.6300	0.3700	0.3865	0.0000	0.4856
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.3304	0.4464	0.1656	0.0000	0.4171
streaming	0.5520	0.4480	0.3557	0.0000	0.5174
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3692	0.2523	0.1171	0.0231	0.4205
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.4782	0.3750	0.4230
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.7982	0.0367	0.8172	0.7780	0.1801
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.6773	0.3227	0.4038	0.0000	0.4575
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.7750	0.1125	0.7815	0.7000	0.2487
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.6308	0.3692	0.3868	0.0000	0.4852
tvnews10%	0.6322	0.3678	0.3873	0.0000	0.4844
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.6418	0.0796	0.4711	0.5723	0.2247
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.5595	0.2202	0.5249	0.4057	0.5236
vehicleVAN	0.7500	0.2500	0.4286	0.0000	0.4011
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6768	0.0588	0.6967	0.6444	0.1662
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.8462	0.0308	0.7560	0.8255	0.0452
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.5185	0.3210	0.2276	0.0000	0.3298
Weekly	0.5556	0.4444	0.3571	0.0000	0.5164
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc	0.9800	0.0100	0.9807	0.9733	0.0350
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white	0.4479	0.1578	0.0884	0.0000	0.2575
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9649	0.0351	0.9629	0.9231	0.1408
yale	0.7500	0.0333	0.7318	0.7322	0.0609
yeast	0.3446	0.1311	0.2906	0.1583	0.3293
yeastCYT-POX	0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 464: Detailed results for SGDC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2072	0.0755	0.1736	0.1322	0.5149
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9726	0.0274	0.9419	0.8830	0.2343
adult	0.8237	0.1763	0.7826	0.5564	0.6608
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_KlekotaRothFingerprinter	0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.8190	0.1810	0.6503	0.2872	0.7333
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.8081	0.1279	0.2980	-0.0848	0.4092
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.8835	0.1165	0.5402	0.0804	0.6801
AID1608red	0.8447	0.1553	0.4579	-0.0785	0.5812
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9963	0.0037	0.4991	-0.0002	0.1628
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7793	0.2207	0.6665	0.3177	0.7546
air_pollution	0.0900	0.2600	0.0236	0.0000	0.3741
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8710	0.1290	0.8684	0.7363	0.5103
alcohol	0.6952	0.1219	0.2092	0.2453	0.3719
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7442	0.2558	0.7701	0.5013	0.6494
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9764	0.0236	0.5542	0.0949	0.4474
anuran-family	0.9193	0.0403	0.7063	0.8459	0.3444
anuran-genus	0.9263	0.0184	0.7962	0.8787	0.2478
anuran-species	0.9292	0.0142	0.8142	0.9011	0.1184
anxiety	0.0583	0.2093	0.0205	-0.0660	0.5138
apple-quality	0.6425	0.3575	0.6470	0.2850	0.8643
aps-failure	0.9780	0.0220	0.5513	0.0791	0.5299
arabidopsis	0.9919	0.0081	0.4980	-0.0000	0.0397
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.6717	0.3043	0.4414
arabidopsis10%	0.9919	0.0081	0.4980	-0.0001	0.0837

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.7556	0.0489	0.5539	0.5816	0.2235
auction	0.7794	0.2206	0.6748	0.3129	0.6587
audiology	0.9091	0.0165	0.9203	0.8947	0.0445
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9857	0.0143	0.9820	0.9633	0.0649
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.5500	0.1800	0.4394	0.3662	0.3063
avila	0.4451	0.0925	0.2360	0.2208	0.5169
babies	0.3226	0.1935	0.1218	-0.0467	0.5470
balance	0.9032	0.0645	0.8104	0.8242	0.2810
bank	0.8912	0.1088	0.7822	0.5485	0.6145
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8134	0.1866	0.8044	0.6062	0.6488
basehock	0.9648	0.0352	0.9648	0.9296	0.2044
bio	0.9969	0.0031	0.9057	0.8053	0.1933
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.7810	0.2190	0.8203	0.5818	0.4830
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0013	0.0451	-0.0000	0.0145
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5299	0.2351	0.5240	0.3731	0.5783
bookings	0.6346	0.2436	0.4170	0.0172	0.2573
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.5738	0.0968	0.7455
breast-cancer-co	0.4545	0.5455	0.4655	-0.0645	0.9927
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.7338	0.7778	0.0925
bridges	0.8000	0.0667	0.5714	0.7143	0.0636
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9094	0.0906	0.6047	0.0158	0.2534
bub8at310k-hg16-17	0.9029	0.0971	0.6569	0.3022	0.6472
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.5000	0.5000	0.3333	-0.2308	1.0000
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.3570	0.4287	0.3215	-0.0182	0.8069
car	0.8333	0.0833	0.7214	0.6485	0.3851
car-insurance	0.8440	0.1560	0.8136	0.6242	0.5972
card	0.8261	0.1739	0.8204	0.6397	0.6143
cardiotocography	0.7746	0.0451	0.7376	0.7287	0.2578
cardiotocography-nsp	0.8498	0.1002	0.7703	0.6208	0.4142
cardiovascular	0.7029	0.2971	0.7033	0.4057	0.8149
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6684	0.4756	0.4131
cas_N6512_cdk_ECFP2	0.7542	0.2458	0.7526	0.4998	0.7314
cas_N6512_rdkit_ATOMPAIR	0.6631	0.3369	0.6613	0.3058	0.8302
cas_N6512_RDkit_AtomPair_FP	0.6886	0.3114	0.6859	0.3638	0.8201
cas_N6512_rdkit_AVALON	0.7419	0.2581	0.7406	0.4812	0.7634
cas_N6512_RDkit_Avalon_FP	0.7730	0.2270	0.7735	0.5365	0.6842
cas_N6512_rdkit_descriptors	0.6354	0.3646	0.6480	0.2830	0.8545
cas_N6512_rdkit_FEATMORGAN	0.6928	0.3072	0.7096	0.3972	0.7671
cas_N6512_RDkit_Featmorgan_FP	0.7669	0.2331	0.7663	0.5323	0.7228
cas_N6512_RDkit_FP	0.6886	0.3114	0.6872	0.3744	0.8360
cas_N6512_rdkit_LAYERED	0.7538	0.2462	0.7538	0.5069	0.7424
cas_N6512_RDkit_Layered_FP	0.7086	0.2914	0.7253	0.4278	0.7444

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7496	0.2504	0.7506	0.4868	0.7143
cas_N6512_RDkit_MACCS_FP	0.7377	0.2623	0.7353	0.4695	0.7676
cas_N6512_rdkit_MORGAN	0.7308	0.2692	0.7283	0.4559	0.7788
cas_N6512_RDkit_morgan_FP	0.6979	0.3021	0.7169	0.4080	0.7498
cas_N6512_rdkit_PATTERN	0.7108	0.2892	0.7143	0.4030	0.7458
cas_N6512_RDkit_pattern_FP	0.6610	0.3390	0.7035	0.3455	0.6947
cas_N6512_rdkit_RDKITFP	0.6989	0.3011	0.6986	0.3967	0.8213
cas_N6512_rdkit_TORSION	0.6831	0.3169	0.6798	0.3535	0.8313
ccds	0.9618	0.0382	0.6992	0.3790	0.5245
ccds1%	0.9176	0.0824	0.5391	0.0758	0.5870
ccds10%	0.9328	0.0672	0.6294	0.2517	0.6006
cdc_diabetes	0.8463	0.1025	0.4094	0.1055	0.2701
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7710	0.5386	0.7038
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.8996	0.1004	0.6231	0.2277	0.5900
CDS49_AID687_Rdkit-ecfp4-fp	0.9958	0.0042	0.4989	-0.0021	0.5356
census	0.9495	0.0505	0.7380	0.3981	0.3599
census10%	0.9475	0.0525	0.7122	0.2085	0.1413
central-nervous-system	0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8326	0.0837	0.8285	0.7498	0.2829
chrom19	0.9992	0.0008	0.7619	0.5201	0.4566
chrom191%	0.9982	0.0018	0.8232	0.5707	0.5239
chrom1910%	0.9987	0.0013	0.7262	0.4494	0.5301
chrom21	0.9997	0.0003	0.5561	0.1051	0.5263
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9157	0.0843	0.6868	0.3716	0.6368
churn	0.7920	0.2080	0.6322	0.2502	0.7647
churn-bigml	0.8689	0.1311	0.6914	0.3587	0.6374
ci900367j_MACCS	0.7368	0.2632	0.7379	0.4669	0.7493
circles	0.1410	0.0172	0.1232	0.1323	0.2778
cirrhosis	0.7381	0.1746	0.6314	0.5380	0.5586
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.9500	0.0500	0.9461	0.8864	0.1761
clave	0.7620	0.1190	0.4773	0.6092	0.3146
climate	0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4558	0.3628	0.4427	0.1526	0.7760
cnae-9	0.8981	0.0226	0.9006	0.8854	0.1052
codon_usage	0.8120	0.0342	0.6013	0.7704	0.2876
coil20	0.9861	0.0014	0.9866	0.9854	0.0097
college	0.8701	0.1299	0.8557	0.6995	0.5389
collins	0.4000	0.0800	0.3668	0.3318	0.2811
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.5862	0.4138	0.5451	0.0890	0.9496
colposcopies-3	0.6552	0.3448	0.6675	0.3224	0.8322
colposcopies-4	0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.6207	0.3793	0.6316	0.2276	0.8192
colposcopies-c	0.6207	0.3793	0.4553	-0.0887	0.9178
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7097	0.1935	0.6663	0.5396	0.3126

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons	0.5503	0.4497	0.5566	0.1090	0.9468
comedy_comparisons1%	0.5338	0.4662	0.5303	0.0586	0.9702
comedy_comparisons10%	0.5813	0.4187	0.5814	0.1627	0.9438
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.6995	0.3005	0.7029	0.4000	0.8062
coupon	0.6632	0.3368	0.6517	0.3001	0.8657
covid19	0.5361	0.1325	0.2156	0.1630	0.3440
covtype	0.6789	0.0917	0.4759	0.4486	0.3462
covtype10%	0.6299	0.1057	0.4737	0.4214	0.3735
covtypeCD	0.9304	0.0696	0.8399	0.6262	0.2019
covtypeT	0.9403	0.0597	0.7434	0.4795	0.5526
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9992	0.0008	0.8739	0.7313	0.1785
creditcard_trans10%	0.9986	0.0014	0.7605	0.4993	0.3807
crowdsourced	0.8673	0.0442	0.6240	0.7132	0.2867
cryotherapy	0.5556	0.4444	0.5791	0.1429	0.8961
cultivars	0.2812	0.0449	0.2375	0.2581	0.1759
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1500	0.2833	0.0714	-0.0126	0.5127
cyclopentane	0.7407	0.2593	0.7403	0.4793	0.7616
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.7222	0.2778	0.7358	0.4444	0.7161
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0966	0.1807	0.1000	-0.0036	0.5744
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7757	0.2243	0.5607	0.0504	0.6140
defect	0.8241	0.1759	0.5976	0.1736	0.7367
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8985	0.1015	0.6958	0.3317	0.5252
depressed	0.7133	0.2867	0.4952	-0.0096	0.8249
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4099	0.2000	0.4997
dexter	0.6167	0.3833	0.6167	0.2333	0.9132
df_final	0.6875	0.2083	0.6844	0.5349	0.3571
DIA	0.7167	0.2833	0.6306	0.2609	0.8304
diabetes	0.8269	0.1731	0.8200	0.6087	0.5078
diabetes-100k	0.9285	0.0715	0.7237	0.2568	0.1780
diabetes-risk	0.8477	0.1523	0.7467	0.4819	0.6386
diabetic	0.5421	0.3053	0.4238	0.1816	0.6447
diabetic1%	0.5686	0.2876	0.5122	0.2100	0.5954
diabetic10%	0.5236	0.3176	0.3509	0.0490	0.6825
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8500	0.0750	0.8409	0.7978	0.2032
diamonds_all	0.5658	0.1737	0.4509	0.3859	0.4754
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9934	0.0066	0.5555	0.1050	0.4755
dna1%	0.9973	0.0027	0.6255	0.1041	0.2161
dna10%	0.9972	0.0028	0.4993	0.0000	0.0132
dorothea	0.9304	0.0696	0.7608	0.4682	0.4114
dota2	0.5798	0.4202	0.5871	0.1686	0.9233
dota210%	0.5447	0.4553	0.5427	0.0478	0.7897
drebin	0.9754	0.0246	0.9736	0.9473	0.1652
dropout	0.6772	0.2152	0.6081	0.4791	0.5857
drug-01	0.2394	0.2173	0.1441	-0.0002	0.7603

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-02	0.4415	0.1596	0.1848	0.1600	0.6011
drug-03	0.5745	0.1418	0.1895	0.0864	0.6053
drug-04	0.4362	0.1611	0.1524	0.0899	0.6225
drug-05	0.6330	0.1049	0.1607	0.0073	0.7415
drug-06	0.3457	0.1869	0.2266	0.1826	0.6587
drug-07	0.3511	0.2163	0.2088	0.0389	0.6639
drug-08	0.4787	0.1489	0.1895	0.1191	0.4894
drug-09	0.8404	0.0532	0.1805	0.0502	0.5042
drug-10	0.4787	0.1489	0.2050	0.1772	0.6560
drug-11	0.8457	0.0441	0.1655	0.0474	0.2430
drug-12	0.6596	0.1135	0.1738	0.0554	0.6955
drug-13	0.5691	0.1231	0.2269	0.3056	0.6484
drug-14	0.5266	0.1353	0.2340	0.2559	0.5223
drug-15	0.7128	0.0821	0.1193	-0.0404	0.5105
drug-16	0.4787	0.1738	0.2343	0.1595	0.6916
drug-17	0.2926	0.2021	0.1676	0.0956	0.7399
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7181	0.0805	0.1209	-0.0068	0.4938
drybean	0.9118	0.0252	0.9291	0.8932	0.1260
ecoli	0.7353	0.0882	0.6090	0.6072	0.2036
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.6630	0.2667	0.6632
ecoliMU	0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2800	0.3600	0.3093	0.0381	0.6404
eeg	0.2952	0.0881	0.3254	0.2237	0.7317
eeg-eye	0.6035	0.3965	0.5968	0.1932	0.9274
eeg10%	0.2437	0.0945	0.2506	0.1607	0.7132
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.1370	0.3452	0.0482	-0.0184	0.4490
euthyroid	0.9430	0.0570	0.8198	0.5657	0.1540
exon.vs.intron-freq	0.8916	0.1084	0.8930	0.7835	0.4455
exon.vs.intron-freq10%	0.8639	0.1361	0.8635	0.7268	0.5272
fakenews	0.4950	0.5050	0.4986	-0.0005	0.6561
farm-ads	0.8937	0.1063	0.8932	0.7865	0.4510
fbis-wc	0.7927	0.0244	0.7071	0.7651	0.1866
fertility	0.6000	0.4000	0.3750	-0.1765	0.5613
finance	0.9608	0.0392	0.9604	0.9208	0.2238
financial-risk	0.7580	0.0807	0.6090	0.6074	0.2587
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.4000	0.1714	0.2891	0.2638	0.3608
fonts10%	0.3351	0.0087	0.0627	0.2887	0.4677
forest	0.9423	0.0288	0.9298	0.9208	0.1023
gas	0.9799	0.0067	0.9800	0.9756	0.0461
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6084	0.2611	0.5136	0.1680	0.5077
gene	0.8927	0.0715	0.8757	0.8272	0.2852
german	0.7200	0.2800	0.6923	0.3846	0.8106
gestures	0.2868	0.3566	0.2833	0.0493	0.8398
gina	0.8242	0.1758	0.8245	0.6486	0.6150
gisette	0.9600	0.0400	0.9600	0.9200	0.2258
glass	0.7143	0.0952	0.7087	0.5949	0.1747
glass-g2	0.6250	0.3750	0.7241	0.3333	0.5283
glassBWFP	0.5714	0.4286	0.5566	0.1127	0.9423
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.8571	0.1429	0.7918	0.5772	0.5973
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.7500	0.2500	0.7895	0.5000	0.5283
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2667	0.3667	0.1111	-0.0061	0.3999
gsalc	0.6667	0.1111	0.6377	0.5970	0.1526
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
hapt	0.9515	0.0081	0.8285	0.9426	0.0617
har	0.6998	0.1201	0.6877	0.6192	0.4549
har70	0.7610	0.0683	0.3929	0.6122	0.1731
har701%	0.7611	0.0683	0.4276	0.6172	0.2324
har7010%	0.7589	0.0689	0.4120	0.6107	0.1889
harth	0.6521	0.0580	0.2133	0.4935	0.2369
harth1%	0.6596	0.0567	0.2373	0.5158	0.2607
harth10%	0.6552	0.0575	0.2191	0.4991	0.2263
hayes-roth	0.3750	0.4167	0.2946	-0.0526	0.7341
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.7200	0.1400	0.2156	0.0560	0.5094
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8387	0.1613	0.8369	0.6723	0.5819
heart-c	0.8333	0.1667	0.8559	0.6725	0.4125
heart-failure	0.7800	0.2200	0.7290	0.4432	0.7075
heart-quantum	0.9200	0.0800	0.9168	0.8305	0.3495
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.8371	0.1629	0.8371	0.6741	0.5894
hepmass1%	0.8290	0.1710	0.8298	0.6581	0.6015
hepmass10%	0.8330	0.1670	0.8330	0.6659	0.5981
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.6398	0.3602	0.6371	0.2668	0.8762
higgs0.1%	0.5282	0.4718	0.5258	0.0516	0.9833
higgs1%	0.6133	0.3867	0.6099	0.2187	0.9161
higgs10%	0.6298	0.3702	0.6269	0.2523	0.8995
higher	0.2857	0.1786	0.1585	0.1667	0.3029
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.9275	0.0725	0.8654	0.7273	0.4282
hiva	0.9504	0.0496	0.5350	0.0639	0.6223
horse	0.6389	0.2407	0.4899	0.2733	0.3240
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.5721	0.2852	0.5750	0.3587	0.6578
ht-sensor10%	0.5532	0.2979	0.5553	0.3285	0.6783
htru2	0.9743	0.0257	0.9184	0.8277	0.1656
hypothyroid	0.9496	0.0252	0.6027	0.6173	0.1367
hypothyroidT	0.9523	0.0477	0.8080	0.5301	0.1339
ilpd	0.7119	0.2881	0.5834	0.1301	0.7904
immuno-therapy	0.6667	0.3333	0.7404	0.3721	0.5239
instagram	0.9500	0.0250	0.9509	0.9333	0.0944
ionosphere	0.8857	0.1143	0.8767	0.7473	0.4951
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.9243	0.0058	0.9259	0.9212	0.0671
jm1	0.7879	0.2121	0.6232	0.2404	0.7835
jvowels	0.9177	0.0183	0.9124	0.9066	0.1130

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1	0.7962	0.2038	0.6545	0.3049	0.7430
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.7692	0.0923	0.3810	0.4265	0.1384
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6541	0.3082	0.7873
kdc-4007	0.8279	0.0492	0.8313	0.7992	0.2608
kddcup98	0.9432	0.0568	0.5165	0.0154	0.5000
kddcup981%	0.5789	0.4211	0.4966	-0.0026	0.3254
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9985	0.0001	0.4504	0.9974	0.0229
kddcup991%	0.9964	0.0006	0.8031	0.9938	0.0729
kddcup9910%	0.9986	0.0001	0.7318	0.9977	0.0342
kepler	0.8536	0.0976	0.8005	0.7598	0.2478
kidney	0.7984	0.0806	0.1776	-0.0019	0.2214
kidney-disease	0.9750	0.0250	0.9737	0.9459	0.1112
krkopt	0.2652	0.0816	0.2482	0.1647	0.5517
krvskp	0.9154	0.0846	0.9177	0.8294	0.3431
la1s-wc	0.8159	0.0614	0.7747	0.7685	0.2380
la2s-wc	0.8974	0.0342	0.8900	0.8686	0.1326
labor	0.6667	0.3333	0.6250	0.2500	0.8750
leaf	0.7353	0.0230	0.7406	0.7233	0.0633
led24	0.6500	0.0778	0.6191	0.6034	0.1824
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.6330	0.0282	0.6417	0.6183	0.3203
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7222	0.0370	0.7527	0.7027	0.1167
linkage	0.9999	0.0001	0.9930	0.9860	0.0198
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9999	0.0001	0.9916	0.9830	0.0009
liver	0.5882	0.4118	0.4792	-0.0393	0.9586
loan	0.8525	0.1475	0.8409	0.6792	0.5565
localization	0.1114	0.1616	0.0182	0.0000	0.3303
localization10%	0.1650	0.1518	0.0258	0.0000	0.3230
lrs	0.8679	0.0377	0.6419	0.8165	0.0925
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.9000	0.7805	0.3522
lymphography	0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9362	0.0638	0.9342	0.8675	0.3098
madelon	0.4846	0.5154	0.4844	-0.0308	1.0000
magic04	0.7728	0.2272	0.7404	0.4659	0.7032
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7604	0.2396	0.7776	0.5282	0.6506
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.5842	0.2772	0.5760	0.3678	0.5944
math	0.6500	0.1750	0.5513	0.4662	0.3449
mba	0.7694	0.1538	0.4599	0.3437	0.3636
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2033	0.3187	0.1932	0.0097	0.5519
messidor	0.7391	0.2609	0.7327	0.4643	0.7685
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8333	0.0833	0.6813	0.7642	0.1404
mfeat-fac	0.9700	0.0060	0.9709	0.9667	0.0319
mfeat-fou	0.7750	0.0450	0.7821	0.7500	0.1969
mfeat-kar	0.9400	0.0120	0.9415	0.9333	0.0735
mfeat-mor	0.6650	0.0670	0.6612	0.6278	0.2075
mfeat-pix	0.9600	0.0080	0.9615	0.9556	0.0449
mfeat-zer	0.7500	0.0500	0.7679	0.7222	0.2013
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.7547	0.1635	0.7385	0.6208	0.4881
mines	0.3529	0.2588	0.3463	0.2017	0.4843
mobile	0.5524	0.0160	0.6451	0.5444	0.1878
monks-1	0.7091	0.2909	0.7566	0.4118	0.4822
monks-2	0.4918	0.5082	0.4668	-0.0654	0.9685
monks-3	0.7679	0.2321	0.7783	0.5392	0.6681
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4494	0.1001	0.4641	0.3396	0.5987
musk	0.9242	0.0758	0.8550	0.7101	0.4939
MUT_ci300400a_cdk_ECFP2	0.7782	0.2218	0.7733	0.5463	0.7086
MUT_ci300400a_cdk_ECFP4	0.6958	0.3042	0.7196	0.4110	0.7426
MUT_ci300400a_cdk_ECFP6	0.7353	0.2647	0.7279	0.4558	0.7777
MUT_ci300400a_cdk_ESTATE	0.6523	0.3477	0.6424	0.2081	0.7142
MUT_ci300400a_cdk_EXTENDED	0.7626	0.2374	0.7530	0.5029	0.7296
MUT_ci300400a_cdk_FCFP2	0.7593	0.2407	0.7575	0.5126	0.7326
MUT_ci300400a_cdk_FCFP4	0.7350	0.2650	0.7349	0.4662	0.7647
MUT_ci300400a_cdk_FCFP6	0.7866	0.2134	0.7785	0.5486	0.6719
MUT_ci300400a_cdk_MACCS	0.6787	0.3213	0.6966	0.3735	0.7869
MUT_ci300400a_cdk_PUBCHEM	0.6443	0.3557	0.6961	0.3327	0.7083
MUT_ci300400a_cdk_STANDARD	0.7449	0.2551	0.7380	0.4759	0.7633
MUT_ci300400a_rdkit_descriptors	0.6867	0.3133	0.6966	0.3819	0.8032
myocardial	0.8176	0.0456	0.2063	0.2877	0.2716
naticusdroid	0.9591	0.0409	0.9593	0.9182	0.2248
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.8683	0.0139	0.2288	0.5944	0.2178
ncRNA1%	0.8686	0.0138	0.2573	0.5570	0.2170
ncRNA10%	0.8727	0.0134	0.2922	0.6044	0.3290
neo	0.9054	0.0946	0.6410	0.0682	0.2894
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.7616	0.0108	0.7670	0.7539	0.1770
newspop	0.5595	0.4405	0.5583	0.1165	0.9610
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9272	0.0728	0.9099	0.8096	0.2813
NPHA-doctor-visits	0.4167	0.3889	0.3416	0.0520	0.8125
nursery	0.9082	0.0459	0.6918	0.8638	0.1296
obesity	0.5498	0.1286	0.5517	0.4706	0.3427
obs	0.7593	0.1204	0.8110	0.6385	0.2814
occupancy	0.9883	0.0117	0.9839	0.9675	0.1280
Occupancy_Estimation	0.9872	0.0064	0.9558	0.9610	0.0469
oh0-wc	0.7624	0.0475	0.7369	0.7270	0.2243
oh10-wc	0.6571	0.0686	0.5997	0.6107	0.3264
oh15-wc	0.7174	0.0565	0.6772	0.6812	0.2951
oh5-wc	0.7363	0.0527	0.7074	0.7012	0.2369
ohscal-wc	0.7330	0.0534	0.7215	0.7010	0.3522
olive	0.9298	0.0156	0.9014	0.9123	0.0427

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opn310k	0.9081	0.0919	0.4759	-0.0019	0.2777
opn310k10%	0.8799	0.1201	0.6526	0.3040	0.6801
opnat310k-hg16-17	0.9091	0.0909	0.6125	0.0036	0.2194
optdigits	0.9555	0.0089	0.9572	0.9505	0.0628
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9500	0.0025	0.9373	0.9487	0.0084
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9684	0.0316	0.7198	0.4137	0.4786
ozone8hr	0.8024	0.1976	0.6510	0.2394	0.5515
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7990	0.2010	0.7847	0.5665	0.6803
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8645	0.7282	0.5214
p53-mutants	0.9959	0.0041	0.7315	0.4329	0.3981
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9598	0.0161	0.7679	0.7607	0.1539
parkinson	0.9583	0.0417	0.9568	0.9135	0.2324
parkinsons	0.6967	0.3033	0.7576	0.4378	0.5809
parkinsons-small	0.7895	0.2105	0.7164	0.2692	0.3750
particle	0.8842	0.1158	0.8515	0.6961	0.4840
particle10%	0.8408	0.1592	0.8197	0.6319	0.6109
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.4536	0.5464	0.4422	-0.1155	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.8038	0.6071	0.6125
pediatric-leukemia	0.8529	0.0420	0.8791	0.8229	0.1561
pendigits	0.9126	0.0175	0.9152	0.9029	0.1111
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7697	0.2303	0.7505	0.4992	0.7297
personalities	0.8992	0.0126	0.8991	0.8924	0.1543
pet-adoption	0.8500	0.1500	0.8305	0.6231	0.4312
phishing	0.9347	0.0653	0.9352	0.8660	0.3153
PhiUSIIL	0.9994	0.0006	0.9994	0.9988	0.0074
PhiUSIIL10%	0.9979	0.0021	0.9978	0.9957	0.0168
phone-acc0.1%	0.1531	0.2420	0.0379	0.0000	0.4011
phone-acc1%	0.1525	0.2421	0.0378	0.0000	0.4012
phone-acc10%	0.1237	0.2504	0.0315	0.0000	0.4061
phone-gyr0.1%	0.1594	0.2402	0.0393	0.0000	0.3999
phone-gyr1%	0.1352	0.2471	0.0340	0.0000	0.4038
phone-gyr10%	0.1372	0.2465	0.0345	0.0000	0.4035
phoneme	0.7278	0.2722	0.6902	0.3754	0.7886
phy	0.5850	0.4150	0.6119	0.1670	0.7807
pima	0.6711	0.3289	0.6405	0.2647	0.8408
pirvision	0.9895	0.0070	0.9812	0.9667	0.0643
placement	0.7820	0.2180	0.7838	0.5261	0.5772
plant-growth	0.6842	0.3158	0.7467	0.3871	0.5000
plrx	0.4444	0.5556	0.4375	-0.1111	0.8920
poker	0.4863	0.1142	0.1069	0.0017	0.2806
poker1%	0.4507	0.1569	0.1416	0.0182	0.3077
poker10%	0.4998	0.1250	0.1233	0.0054	0.2325
polish-1st	0.9346	0.0654	0.5571	0.1141	0.6244
polish-2nd	0.9322	0.0678	0.5101	0.0199	0.6350
polish-3rd	0.8990	0.1010	0.5005	0.0009	0.6149
polish-4th	0.8745	0.1255	0.5618	0.1132	0.5854
polish-5th	0.9086	0.0914	0.5829	0.1596	0.6729
polya	0.7059	0.2941	0.6670	0.3287	0.8266
popularity	0.6502	0.2332	0.3969	0.1636	0.4892

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.7996	0.0802	0.7999	0.7494	0.3034
pred-tox_mutagen_ref-desc	0.5735	0.4265	0.5752	0.1471	0.9398
prestige	0.6667	0.2222	0.5392	0.4255	0.3013
primary-tumor	0.3939	0.0932	0.3656	0.3168	0.3157
processed	0.9979	0.0021	0.9976	0.9951	0.0226
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8218	0.0713	0.7456	0.7580	0.2490
puc-rio10%	0.8147	0.0741	0.7209	0.7490	0.2547
pufs-128	0.4997	0.5003	0.4997	-0.0007	1.0000
pufs-1281%	0.4918	0.5082	0.4918	-0.0164	1.0000
pufs-12810%	0.5002	0.4998	0.5002	0.0004	0.9979
pufs-64	0.5027	0.4973	0.5027	0.0054	0.9984
pufs-641%	0.4929	0.5071	0.4929	-0.0141	1.0000
pufs-6410%	0.4979	0.5021	0.4979	-0.0041	1.0000
pulsar	0.9800	0.0200	0.9384	0.8750	0.1996
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
rcv11%	0.7722	0.0111	0.4788	0.7465	0.2544
rcv110%	0.8678	0.0053	0.6844	0.8523	0.2226
re0-wc	0.8133	0.0287	0.8093	0.7568	0.2828
re1-wc	0.7108	0.0231	0.5075	0.6685	0.2040
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8904	0.0046	0.5628	0.8492	0.1051
rice	0.9846	0.0154	0.9845	0.9689	0.0993
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5312	0.4688	0.6595	0.1759	0.5488
RT_IOT2022	0.9872	0.0021	0.8337	0.9680	0.0197
satimage	0.7621	0.0793	0.7210	0.7074	0.2591
satimageF	0.9829	0.0171	0.9562	0.9124	0.2280
satimageT	0.8911	0.1089	0.5341	0.0302	0.5436
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.5556	0.4444	0.3571	-0.2857	0.9011
schizo	0.5882	0.4118	0.6005	0.1765	0.8657
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8846	0.1154	0.5606	0.1203	0.6599
secondary_mushroom	0.8582	0.1418	0.8562	0.7110	0.5373
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8961	0.0297	0.9056	0.8784	0.1122
segmentation	0.7525	0.2475	0.7243	0.4468	0.7633
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9264	0.0736	0.4809	-0.0141	0.5085
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8289	0.1711	0.4532	-0.0647	0.7614
sens-10-gram	0.8032	0.1968	0.5062	0.0118	0.7929
sens-2-gram	0.8158	0.1842	0.5522	0.1026	0.7739
sens-3-gram	0.8079	0.1921	0.5688	0.1374	0.7671
sens-4-gram	0.8105	0.1895	0.5992	0.1981	0.7520
sens-5-gram	0.8421	0.1579	0.5811	0.1505	0.7401
sens-6-gram	0.8289	0.1711	0.5568	0.1077	0.7641
sens-7-gram	0.8421	0.1579	0.5729	0.1324	0.7393
sens-8-gram	0.8237	0.1763	0.5756	0.1491	0.7635
sens-9-gram	0.8289	0.1711	0.5478	0.0892	0.7653
sensorless	0.6395	0.0655	0.6413	0.6034	0.3472
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shoppers	0.8751	0.1249	0.7533	0.5060	0.6422
shuttle	0.9284	0.0204	0.5066	0.7789	0.2557
sick	0.9576	0.0424	0.8224	0.6440	0.4853
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin	0.9171	0.0829	0.8791	0.7568	0.4775
skin10%	0.9032	0.0968	0.8570	0.7133	0.5193
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2200	0.3900	0.1810	-0.0518	0.7930
smk_can_187	0.7368	0.2632	0.7360	0.4693	0.7643
smoking	0.7321	0.2679	0.7342	0.4570	0.7493
soil_pollution	0.2100	0.3160	0.2094	0.0151	0.6566
solar-flare	0.7194	0.0935	0.6176	0.6387	0.2401
sonar	0.4000	0.6000	0.4000	-0.2000	1.0000
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9385	0.0615	0.8119	0.6236	0.5264
spambase	0.8891	0.1109	0.8839	0.7625	0.4377
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8000	0.2000	0.7351	0.4235	0.6092
spectrometer	0.4615	0.0399	0.3364	0.4297	0.1689
splice-EI	0.9464	0.0536	0.9282	0.8561	0.3170
splice-IE	0.8517	0.1483	0.7886	0.5759	0.6270
sport-articles	0.7900	0.2100	0.7690	0.5312	0.6824
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.3548	0.6452	0.2619	0.0000	0.5097
steel_industry	0.7003	0.1998	0.5615	0.4966	0.3752
steel-b	0.7436	0.2564	0.6859	0.3549	0.7429
steel-d	0.9641	0.0359	0.6135	0.2059	0.5642
steel-k	0.9744	0.0256	0.9604	0.9206	0.1989
steel-o	0.6872	0.3128	0.6668	0.3319	0.8384
steel-p	0.9128	0.0872	0.6274	0.2220	0.6096
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9641	0.0359	0.8957	0.7910	0.3671
stellar	0.9253	0.0498	0.9175	0.8667	0.2253
stock	0.8750	0.1250	0.7888	0.5776	0.6177
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.7900	0.2100	0.7882	0.5763	0.6848
stress	0.9683	0.0127	0.9700	0.9603	0.0360
student-lifestyle	0.5700	0.1720	0.3002	0.3054	0.4448
student-depression	0.8251	0.1749	0.8265	0.6475	0.6047
student-habits	0.3400	0.2640	0.1842	0.0149	0.4955
student-weekend	0.3692	0.2523	0.2687	0.1472	0.6023
student-workday	0.4688	0.2125	0.2473	0.1985	0.4867
studentap	0.4615	0.3590	0.4444	0.1727	0.6572
susy	0.7852	0.2148	0.7870	0.5592	0.6482
susy1%	0.7836	0.2164	0.7821	0.5593	0.6814
susy10%	0.7851	0.2149	0.7857	0.5600	0.6591
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.2667	0.4889	0.3006	-0.1000	0.7201
telco-churn	0.8679	0.1321	0.8522	0.6914	0.5452
texture	0.9945	0.0010	0.9947	0.9940	0.0077
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7234	0.2766	0.5376	0.0728	0.7679
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9684	0.0316	0.9645	0.9288	0.1892

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tis	0.8938	0.1062	0.8529	0.7035	0.4967
tis10%	0.7910	0.2090	0.7074	0.4132	0.7449
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f	0.2941	0.7059	0.2746	-0.4366	1.0000
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.5200	0.4800	0.6137	0.1620	0.6717
trec11-wc	0.7805	0.0488	0.5811	0.7244	0.1400
trec12-wc	0.6452	0.0887	0.6921	0.5411	0.1977
trec21-wc	0.9697	0.0121	0.9704	0.9349	0.0322
trec23-wc	0.6190	0.1270	0.4802	0.4783	0.3273
trec31-wc	0.9355	0.0215	0.9264	0.9140	0.0911
trec41-wc	0.7955	0.0409	0.6081	0.7512	0.2038
trec45-wc	0.7826	0.0435	0.7076	0.7462	0.1968
tuandromd	0.9686	0.0314	0.9506	0.9009	0.2253
turkish	0.7750	0.1125	0.7765	0.7000	0.2538
tvnews	0.7358	0.2642	0.7822	0.5009	0.5716
tvnews1%	0.9231	0.0769	0.9174	0.8305	0.3295
tvnews10%	0.8766	0.1234	0.8657	0.7285	0.4936
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8340	0.7905	0.1496
urinalysis	0.0559	0.9441	0.0530	0.0000	0.1445
ustilago	0.9914	0.0086	0.7232	0.4162	0.4184
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9853	0.0146	0.6381	0.2758	0.5601
vehicle	0.7738	0.1131	0.7241	0.6911	0.2400
vehicleVAN	0.9643	0.0357	0.9523	0.9000	0.1262
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.3131	0.1249	0.2828	0.2444	0.3943
vowelZ	0.9495	0.0505	0.8905	0.7556	0.4786
vrnormat310k-hg16-17	0.9106	0.0894	0.6968	0.3865	0.6251
wap-wc	0.8205	0.0179	0.6301	0.7992	0.1338
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1373	0.2465	0.0433	-0.0000	0.4061
watch-acc1%	0.1469	0.2438	0.0366	0.0000	0.4014
watch-acc10%	0.1470	0.2437	0.0366	0.0000	0.4014
watch-gyr	0.2461	0.2154	0.1796	0.1282	0.4111
watch-gyr1%	0.1391	0.2460	0.0349	0.0000	0.4036
watch-gyr10%	0.2015	0.2282	0.1767	0.0631	0.3853
water_pollution	0.2467	0.3767	0.0989	0.0000	0.4046
waveform	0.8100	0.1267	0.8129	0.7146	0.3945
weather-related	0.9500	0.0091	0.9483	0.9434	0.0744
web-phishing	0.7481	0.1679	0.6254	0.5292	0.4666
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.1745	0.3302	0.0594	0.0000	0.4014
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9800	0.0100	0.9807	0.9733	0.0428
wilt	0.9524	0.0476	0.6485	0.1386	0.3030
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5157	0.1614	0.3369	0.2456	0.7139
winequality-white	0.4438	0.1854	0.2807	0.1218	0.6409
winnipeg	0.9810	0.0054	0.9683	0.9760	0.0486
winnipeg10%	0.9828	0.0049	0.9820	0.9783	0.0355

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7467	0.7983	0.0412
yeast	0.2770	0.1607	0.2611	0.0969	0.6252
yeastCYT-POX	0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC	0.9459	0.0541	0.7346	0.4056	0.5289
yeastME1	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9194	0.0161	0.9122	0.9096	0.1210

Table 465: Detailed results for SHLSVC(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1181	0.0840	0.0777	0.0349	0.4243
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.9803	0.0197	0.5297	0.0265	0.4066
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.9604	0.0396	0.9145	0.8136	0.1233
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8920	0.1080	0.8473	0.6892	0.4885
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8000	0.0800	0.3615	0.5100	0.1612
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8605	0.1395	0.8446	0.6853	0.5368
anneal	0.9551	0.0180	0.9537	0.9076	0.1272
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9847	0.0076	0.9522	0.9708	0.0406
anuran-genus	0.9875	0.0031	0.9449	0.9794	0.0565
anuran-species	0.9944	0.0011	0.9880	0.9923	0.0242
anxiety	0.1167	0.1963	0.1169	0.0045	0.7789
apple-quality	0.8675	0.1325	0.8677	0.7350	0.5169
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.6889	0.0479	0.3003	0.4247	0.1744
auction	0.9118	0.0882	0.7695	0.4848	0.4195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.8636	0.0248	0.8521	0.8370	0.0735
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7000	0.1000	0.5076	0.5918	0.2060
avila	0.4250	0.0958	0.5357	0.3000	0.5085
babies	0.4113	0.1682	0.1391	0.0649	0.4538
balance	0.9194	0.0538	0.6337	0.8483	0.1304
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9240	0.0760	0.9191	0.8285	0.2753
basehock	0.5427	0.4573	0.6350	0.0896	0.5249
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8952	0.1048	0.8896	0.7789	0.4599
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.7407	0.7800	0.0723
bridges	0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9138	0.0431	0.6728	0.8147	0.2325
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography	0.8075	0.0385	0.7805	0.7674	0.2068
cardiotocography-nsp	0.9061	0.0626	0.8093	0.7255	0.2629
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.6655	0.5814	0.4030
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.5831	0.4169	0.6029	0.1092	0.6861
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6943	0.3057	0.6763	0.1650	0.4561
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.0789	0.9211	0.5146	0.0018	0.1596
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8010	0.1990	0.6065	0.0755	0.5036
churn-bigml	0.8801	0.1198	0.7152	0.2947	0.3696
ci900367j_MACCS	0.7263	0.2737	0.7093	0.4185	0.7965
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7381	0.1746	0.4996	0.4867	0.4110
cjs	0.9821	0.0060	0.9779	0.9782	0.0345
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7657	0.1171	0.4261	0.6105	0.2435
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5241	0.2816	0.6840
cnae-9	0.8889	0.0247	0.8980	0.8750	0.1192
codon_usage	0.9271	0.0133	0.7597	0.9110	0.1001
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.6000	0.0533	0.4524	0.5516	0.1774
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7931	0.2069	0.7635	0.4942	0.6155
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7931	0.2069	0.7894	0.5515	0.6011
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.6875	0.3125	0.6929	0.3763	0.8115
coupon	0.4314	0.5686	0.3014	0.0000	0.5291
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.2848	0.7152	0.5830	0.0536	0.3378
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9000	0.0500	0.9083	0.8667	0.1217

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4688	0.0266	0.3228	0.4533	0.0741
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1567	0.2811	0.1003	-0.0138	0.6262
cyclopentane	0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands	0.6852	0.3148	0.6731	0.3220	0.7954
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.3023	0.6977	0.4710	-0.0270	0.6440
defect	0.9012	0.0988	0.7946	0.5494	0.4302
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.5000	0.0000	0.6840
df_final	0.5625	0.2917	0.4290	0.3000	0.5195
DIA	0.8500	0.1500	0.7938	0.5000	0.3145
diabetes	0.9038	0.0962	0.8978	0.7950	0.4246
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.6078	0.2614	0.4057	0.2578	0.4844
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9667	0.0167	0.9499	0.9537	0.0357
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7562	0.1625	0.6864	0.5655	0.3498
drug-01	0.4043	0.1702	0.1335	0.0209	0.3616
drug-02	0.5266	0.1353	0.2242	0.0942	0.4357
drug-03	0.6755	0.0927	0.1468	0.0690	0.3621
drug-04	0.5213	0.1368	0.1754	0.0790	0.5432
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.4043	0.1702	0.2223	0.2409	0.5166
drug-07	0.3936	0.1733	0.1295	0.0113	0.3670
drug-08	0.5851	0.1185	0.2009	0.1698	0.3232
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5213	0.1368	0.1560	0.1118	0.5133
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6117	0.1109	0.1913	0.2249	0.4085
drug-14	0.6011	0.1140	0.2824	0.3081	0.4770
drug-15	0.7500	0.0714	0.1469	0.0152	0.2866

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.5904	0.1170	0.2620	0.3059	0.4587
drug-17	0.3617	0.1824	0.1342	0.0802	0.4957
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7606	0.0684	0.1234	-0.0120	0.3535
drybean	0.7259	0.0783	0.8635	0.6741	0.1336
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2000	0.4000	0.1974	-0.0661	0.8500
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.4660	0.5340	0.5859	0.0266	0.5593
eeg10%	0.1895	0.1013	0.2200	0.0846	0.4486
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6164	0.1534	0.5761	0.4926	0.3708
euthyroid	0.9652	0.0348	0.8944	0.7741	0.2092
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.6829	0.0373	0.5019	0.6297	0.1811
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7255	0.2745	0.7267	0.4279	0.7258
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.8125	0.1250	0.8305	0.6981	0.2631
gender	0.5642	0.2905	0.3447	0.0613	0.5326
gene	0.9369	0.0421	0.9298	0.8993	0.1943
german	0.7500	0.2500	0.7121	0.3812	0.6824
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.9366	0.0634	0.9366	0.8731	0.3158
gisette	0.9686	0.0314	0.9686	0.9371	0.1883
glass	0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.5311	0.2638	0.4346
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.8502	0.0599	0.8502	0.8106	0.2263
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.4566	0.1552	0.4519	0.3608	0.2212
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.9560	0.0440	0.9486	0.8957	0.2285
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.4773	0.5227	0.5157	0.0096	0.7030
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0625	0.0375	0.3103
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.1838	0.8162	0.5444	0.0056	0.3550
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6389	0.2407	0.6201	0.3482	0.4924
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9782	0.0218	0.9324	0.8635	0.2376
hypothyroid	0.9416	0.0292	0.5745	0.5646	0.1857
hypothyroidT	0.9576	0.0424	0.8321	0.6000	0.1231
ilpd	0.6780	0.3220	0.4865	-0.0163	0.8299
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9474	0.0040	0.9483	0.9453	0.0500
jm1	0.1983	0.8017	0.4197	-0.0206	0.4817
jvowels	0.9869	0.0029	0.9866	0.9852	0.0233
kc1	0.8863	0.1137	0.7591	0.3875	0.2517
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7500	0.2500	0.5552	0.1011	0.8298
kdc-4007	0.4688	0.1518	0.4124	0.3779	0.3463
kddcup981%	0.9158	0.0842	0.5778	0.1556	0.6508
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.0020	0.1535	0.0003	0.0000	0.2182
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2103	0.0877	0.2369	0.1239	0.5487
krvskp	0.9592	0.0408	0.9604	0.9186	0.2054
la1s-wc	0.4635	0.1788	0.5043	0.3237	0.4228
la2s-wc	0.4768	0.1744	0.5849	0.3224	0.3014
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0256	0.6918	0.6915	0.0735

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.7500	0.0500	0.7059	0.7167	0.0949
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8889	0.0148	0.9083	0.8808	0.0504
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9461	0.0539	0.9425	0.8849	0.2869
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8868	0.0226	0.4553	0.8434	0.0597
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9043	0.0957	0.9011	0.8021	0.4231
madelon	0.5038	0.4962	0.5074	0.0077	0.8119
magic04	0.6954	0.3046	0.6484	0.1885	0.6313
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8543	0.7080	0.5499
marketing	0.8929	0.1071	0.7603	0.3901	0.2412
maternal	0.6535	0.2310	0.6586	0.4659	0.5198
math	0.7750	0.1125	0.7316	0.6389	0.2573
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1933	0.3227	0.1811	-0.0165	0.7163
messidor	0.6870	0.3130	0.6869	0.3718	0.8313
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.8003	0.6104	0.2026
meter-D	0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac	0.9800	0.0040	0.9807	0.9778	0.0226
mfeat-fou	0.8200	0.0360	0.8212	0.8000	0.1406
mfeat-kar	0.9750	0.0050	0.9758	0.9722	0.0316
mfeat-mor	0.7200	0.0560	0.7254	0.6889	0.1792
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8550	0.0290	0.8554	0.8389	0.0668
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9434	0.0377	0.9337	0.9131	0.1271
mines	0.5588	0.1765	0.5434	0.4481	0.4009
mobile	0.8671	0.0047	0.8622	0.8647	0.0600
monks-1	0.8000	0.2000	0.8013	0.5991	0.6529
monks-2	0.8525	0.1475	0.8332	0.6536	0.5242
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9515	0.0485	0.9027	0.7910	0.2112
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.5952	0.4048	0.5952	0.1887	0.9222
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9736	0.0264	0.9496	0.8987	0.2151
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4861	0.3426	0.3185	0.0019	0.5669
nursery	0.9715	0.0143	0.8868	0.9578	0.0465
obesity	0.8294	0.0487	0.8255	0.8008	0.1696
obs	0.8704	0.0648	0.8975	0.8067	0.1971
occupancy	0.9893	0.0107	0.9854	0.9704	0.1237
Occupancy_Estimation	0.9931	0.0035	0.9782	0.9790	0.0455
oh0-wc	0.7228	0.0554	0.6290	0.6745	0.1918
oh10-wc	0.6952	0.0610	0.6621	0.6472	0.2204
oh15-wc	0.6413	0.0717	0.6592	0.5807	0.2374
oh5-wc	0.7473	0.0505	0.7162	0.7106	0.1728
ohscal-wc	0.1129	0.1774	0.0203	0.0000	0.4003
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.1554	0.8446	0.5420	0.0138	0.2272
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9840	0.0032	0.9851	0.9822	0.0235
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8144	0.1856	0.7875	0.5467	0.5769
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9206	0.0794	0.9215	0.8413	0.3621
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.8935	0.8354	0.1504
parkinson	0.9667	0.0333	0.9655	0.9310	0.2012
parkinsons	0.8199	0.1801	0.8054	0.6060	0.6234
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.7185	0.2815	0.5357	0.0056	0.4963
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8947	0.1053	0.8536	0.6863	0.3954

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pediatric-leukemia	0.5882	0.1176	0.5347	0.4979	0.3729
pendigits	0.9900	0.0020	0.9901	0.9889	0.0188
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9300	0.0700	0.9202	0.8367	0.3152
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.5582	0.1262	0.5283	0.4851	0.3229
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1372	0.2465	0.0345	0.0000	0.4034
phone-gyr0.1%	0.4480	0.1577	0.4600	0.3548	0.4784
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7296	0.2704	0.7105	0.4069	0.7561
phy	0.5054	0.4946	0.5528	0.0053	0.5541
pima	0.7368	0.2632	0.7176	0.4154	0.7389
pirvision	0.9928	0.0048	0.9875	0.9773	0.0566
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4234	0.1647	0.0850	0.0000	0.2041
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th	0.9306	0.0694	0.5966	0.0403	0.2959
polya	0.7114	0.2886	0.6699	0.3293	0.8113
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6211	0.2353	0.8938
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.3869	0.4211	0.2453
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7463	0.2537	0.6906	0.3405	0.7097
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9354	0.0258	0.9272	0.9135	0.1188
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-641%	0.4883	0.5117	0.4850	-0.0228	0.9288
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.7200	0.0431	0.4617	0.6059	0.2196
re1-wc	0.4699	0.0424	0.1667	0.3360	0.2805
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.0012	0.0416	0.0001	0.0000	0.2549
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rocket	0.4238	0.5762	0.5411	0.0167	0.6128
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8958	0.0347	0.8822	0.8712	0.1550
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9300	0.0700	0.7792	0.4441	0.1775
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9262	0.9038	0.0877
segmentation	0.8564	0.1436	0.8423	0.6841	0.5628
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8483	0.1517	0.6064	0.0668	0.4407
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9576	0.0424	0.7993	0.5368	0.2602
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9947	0.0053	0.9921	0.9840	0.0796
smarket	0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming	0.1600	0.4200	0.1497	-0.1254	0.8835
smk_can_187	0.7895	0.2105	0.7933	0.5730	0.6420
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2100	0.3160	0.1874	0.0134	0.7471
solar-flare	0.7626	0.0791	0.6081	0.6944	0.1850
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8348	0.1652	0.8423	0.6696	0.5540
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer	0.5577	0.0328	0.4496	0.5288	0.1471
splice-EI	0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE	0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles	0.8600	0.1400	0.8498	0.6997	0.5535
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8564	0.1436	0.7698	0.5343	0.6257
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8000	0.2000	0.7725	0.5359	0.6635
steel-p	0.9231	0.0769	0.6653	0.2567	0.4931
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9028	0.0972	0.8215	0.6267	0.4657
stockb	0.9868	0.0088	0.9868	0.9802	0.0479
streaming	0.8940	0.1060	0.8927	0.7850	0.4487
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4200	0.2320	0.2863	0.0775	0.4494
student-weekend	0.3846	0.2462	0.2537	0.1333	0.6199
student-workday	0.6875	0.1250	0.1660	0.0398	0.3248
studentap	0.6923	0.2051	0.5260	0.5000	0.2833
susy1%	0.4558	0.5442	0.4768	-0.0319	0.9022
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.5099	0.2000	0.5180
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.9909	0.0017	0.9914	0.9900	0.0144
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.0209	0.9791	0.0205	0.0000	0.0580
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.8134	0.1866	0.7208	0.3604	0.5377
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc	0.4878	0.1138	0.2892	0.2867	0.2671
trec12-wc	0.5161	0.1210	0.4932	0.3551	0.2692
trec21-wc	0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc	0.5238	0.1587	0.2393	0.1923	0.2857
trec31-wc	0.7312	0.0896	0.6242	0.6210	0.2465
trec41-wc	0.6250	0.0750	0.4002	0.5219	0.2367
trec45-wc	0.5217	0.0957	0.4564	0.4313	0.3028
tuandromd	0.9776	0.0224	0.9664	0.9321	0.2192
turkish	0.8250	0.0875	0.8244	0.7667	0.1948
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%	0.5204	0.4796	0.6123	0.1596	0.7354
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9687	0.0313	0.7252	0.2510	0.0954
urban	0.8507	0.0332	0.8653	0.8250	0.1103
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7976	0.1012	0.7593	0.7261	0.1831
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5960	0.0735	0.6243	0.5556	0.2126
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wap-wc	0.7949	0.0205	0.5566	0.7680	0.1148
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.3982	0.1719	0.3759	0.2932	0.5346
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2400	0.3800	0.2636	-0.0187	0.7405
waveform	0.8460	0.1027	0.8466	0.7691	0.3560
weather-related	0.9500	0.0091	0.9514	0.9433	0.0639
web-phishing	0.8222	0.1185	0.6833	0.6809	0.4805
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1745	0.3302	0.0594	0.0000	0.4014
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9876	0.0124	0.9305	0.8508	0.0472
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6164	0.1279	0.2906	0.3732	0.3811
winequality-white	0.4315	0.1624	0.2184	0.1624	0.4741
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7496	0.7322	0.0687
yeast	0.5338	0.0932	0.3403	0.3983	0.3792
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 466: Detailed results for SHLSVC(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1590	0.0801	0.1159	0.0691	0.5156
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.9803	0.0197	0.5297	0.0265	0.4066
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.9604	0.0396	0.9145	0.8136	0.1233
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8920	0.1080	0.8473	0.6892	0.4885
air_pollution	0.4100	0.1686	0.1706	0.0074	0.3376
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8095	0.0762	0.3842	0.5413	0.1726
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8605	0.1395	0.8446	0.6853	0.5368
anneal	0.9438	0.0225	0.7520	0.8826	0.1411
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9847	0.0076	0.9522	0.9708	0.0406
anuran-genus	0.9903	0.0024	0.9685	0.9840	0.0609
anuran-species	0.9917	0.0017	0.9837	0.9884	0.0274
anxiety	0.1083	0.1981	0.1081	-0.0050	0.8447
apple-quality	0.8675	0.1325	0.8677	0.7350	0.5169
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.6667	0.0513	0.2804	0.3584	0.1851
auction	0.9118	0.0882	0.7695	0.4848	0.4195

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.8636	0.0248	0.7750	0.8358	0.0643
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7500	0.0833	0.6520	0.6599	0.1827
avila	0.6138	0.0644	0.6417	0.4266	0.2726
babies	0.4435	0.1590	0.1489	0.1331	0.5145
balance	0.9032	0.0645	0.7457	0.8224	0.2810
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9240	0.0760	0.9191	0.8285	0.2753
basehock	0.5427	0.4573	0.6350	0.0896	0.5249
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8952	0.1048	0.8896	0.7789	0.4599
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9483	0.0259	0.8962	0.8903	0.1882
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography	0.8263	0.0347	0.7889	0.7905	0.2099
cardiotocography-nsp	0.9108	0.0595	0.8263	0.7458	0.2604
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.6704	0.5819	0.3906
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_AtomPair_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.5831	0.4169	0.6029	0.1092	0.6861
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_MACCS_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6943	0.3057	0.6763	0.1650	0.4561
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.0487	0.9513	0.0465	0.0000	0.1277
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.0789	0.9211	0.5146	0.0018	0.1596
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9302	0.0698	0.7584	0.3768	0.1761
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8010	0.1990	0.6065	0.0755	0.5036
churn-bigml	0.8801	0.1198	0.7152	0.2947	0.3696
ci900367j_MACCS	0.7263	0.2737	0.7093	0.4185	0.7965
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.4807	0.4350	0.4320
cjs	0.9786	0.0071	0.9754	0.9739	0.0426
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7750	0.1125	0.5860	0.6279	0.2258
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5141	0.2727	0.7007
cnae-9	0.8519	0.0329	0.8729	0.8333	0.1333
codon_usage	0.9348	0.0119	0.7711	0.9206	0.1149
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.6200	0.0507	0.4970	0.5742	0.1636
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7931	0.2069	0.7635	0.4942	0.6155
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7931	0.2069	0.7894	0.5515	0.6011
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.6875	0.3125	0.6929	0.3763	0.8115
coupon	0.4314	0.5686	0.3014	0.0000	0.5291
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.2848	0.7152	0.5830	0.0536	0.3378
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9000	0.0500	0.9083	0.8667	0.1217

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.6922	0.1026	0.1363	0.0000	0.2116
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4688	0.0266	0.3384	0.4538	0.0790
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1700	0.2767	0.1731	0.0044	0.8288
cyclopentane	0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands	0.6852	0.3148	0.6731	0.3220	0.7954
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.3023	0.6977	0.4710	-0.0270	0.6440
defect	0.9012	0.0988	0.7946	0.5494	0.4302
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.5000	0.0000	0.6840
df_final	0.5625	0.2917	0.4290	0.3000	0.5195
DIA	0.8500	0.1500	0.7938	0.5000	0.3145
diabetes	0.9038	0.0962	0.8978	0.7950	0.4246
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.4706	0.3529	0.3458	0.0748	0.5454
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7630	0.1580	0.6851	0.5993	0.4471
drug-01	0.3883	0.1748	0.1520	0.0478	0.5542
drug-02	0.5266	0.1353	0.2619	0.1773	0.6210
drug-03	0.6862	0.0897	0.1671	0.0913	0.3388
drug-04	0.5106	0.1398	0.1935	0.1358	0.6473
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.4149	0.1672	0.2536	0.2584	0.5364
drug-07	0.4096	0.1687	0.1275	0.0164	0.4351
drug-08	0.5638	0.1246	0.2086	0.1816	0.4400
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5266	0.1353	0.1585	0.1148	0.5094
drug-11	0.8457	0.0441	0.1309	-0.0065	0.2227
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.5957	0.1155	0.1767	0.2030	0.4074
drug-14	0.5957	0.1155	0.2880	0.2728	0.4624
drug-15	0.7447	0.0729	0.1220	-0.0204	0.2917

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.5851	0.1185	0.2597	0.3079	0.4688
drug-17	0.3457	0.1869	0.1997	0.1003	0.6437
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0053	0.2842
drybean	0.9162	0.0239	0.9359	0.8989	0.1235
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2131	-0.0522	0.8716
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.4660	0.5340	0.5911	0.0268	0.5512
eeg10%	0.4129	0.0734	0.4112	0.3466	0.5433
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6438	0.1425	0.6231	0.5382	0.3928
euthyroid	0.9652	0.0348	0.8944	0.7741	0.2092
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.6301	0.0435	0.4186	0.5608	0.2053
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7255	0.2745	0.7267	0.4279	0.7258
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.2164	0.2612	0.0593	0.0000	0.3901
gastrointestinal	0.8125	0.1250	0.8305	0.6981	0.2631
gender	0.3642	0.4239	0.3583	0.0240	0.3758
gene	0.9338	0.0442	0.9257	0.8943	0.2012
german	0.7500	0.2500	0.7121	0.3812	0.6824
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.9366	0.0634	0.9366	0.8731	0.3158
gisette	0.9686	0.0314	0.9686	0.9371	0.1883
glass	0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.5832	0.3519	0.4258
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
hapt	0.1812	0.1365	0.0256	0.0000	0.3246
har	0.9582	0.0167	0.9554	0.9471	0.0754
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.4208	0.1655	0.4408	0.3429	0.2504
har7010%	0.4777	0.1492	0.0924	0.0000	0.2651
harth1%	0.4493	0.0918	0.0517	0.0000	0.2692

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth10%	0.4492	0.0918	0.0517	0.0000	0.2692
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.9560	0.0440	0.9486	0.8957	0.2285
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.4773	0.5227	0.5157	0.0096	0.7030
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.0625	0.0253	0.3029
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8750	0.1250	0.8745	0.7490	0.5009
hiv1-proteasa	0.1838	0.8162	0.5444	0.0056	0.3550
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.4737	0.2448	0.6829
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.3731	0.4179	0.1811	0.0000	0.4100
htru2	0.9782	0.0218	0.9324	0.8635	0.2376
hypothyroid	0.9390	0.0305	0.5625	0.5370	0.2387
hypothyroidT	0.9576	0.0424	0.8321	0.6000	0.1231
ilpd	0.6780	0.3220	0.4865	-0.0163	0.8299
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9384	0.0047	0.9394	0.9359	0.0575
jm1	0.1983	0.8017	0.4197	-0.0206	0.4817
jvowels	0.9940	0.0013	0.9939	0.9932	0.0120
kc1	0.8863	0.1137	0.7591	0.3875	0.2517
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7500	0.2500	0.5552	0.1011	0.8298
kdc-4007	0.1496	0.2430	0.0372	0.0000	0.4022
kddcup981%	0.6632	0.3368	0.6257	0.1188	0.3332
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kepler	0.5262	0.3159	0.2298	0.0000	0.3678
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.4064	0.0660	0.4785	0.3382	0.4666
krvskp	0.9592	0.0408	0.9604	0.9186	0.2054
la1s-wc	0.6571	0.1143	0.6385	0.5666	0.4234
la2s-wc	0.6623	0.1126	0.6623	0.5586	0.3398
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6838	0.6603	0.0833

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.7000	0.0600	0.6825	0.6601	0.1267
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.0380	0.0740	0.0028	0.0000	0.4195
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8889	0.0148	0.9083	0.8808	0.0504
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9461	0.0539	0.9425	0.8849	0.2869
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3307	0.1217	0.0452	0.0000	0.3083
lrs	0.8868	0.0226	0.4567	0.8427	0.0591
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9043	0.0957	0.9011	0.8021	0.4231
madelon	0.5038	0.4962	0.5074	0.0077	0.8119
magic04	0.6954	0.3046	0.6484	0.1885	0.6313
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8543	0.7080	0.5499
marketing	0.8929	0.1071	0.7603	0.3901	0.2412
maternal	0.6535	0.2310	0.6567	0.4648	0.5186
math	0.7750	0.1125	0.7605	0.6429	0.2740
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2300	0.3080	0.1994	0.0314	0.7284
messidor	0.6870	0.3130	0.6869	0.3718	0.8313
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.8003	0.6104	0.2026
meter-D	0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac	0.9850	0.0030	0.9854	0.9833	0.0188
mfeat-fou	0.8200	0.0360	0.8217	0.8000	0.1439
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7400	0.0520	0.7467	0.7111	0.1699
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8300	0.0340	0.8350	0.8111	0.0895
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9340	0.0440	0.9242	0.8989	0.1628
mines	0.5588	0.1765	0.4939	0.4475	0.3401
mobile	0.8741	0.0045	0.8836	0.8718	0.0580
monks-1	0.8000	0.2000	0.8013	0.5991	0.6529
monks-2	0.8525	0.1475	0.8332	0.6536	0.5242
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.2750	0.1318	0.0392	0.0000	0.3477
musk	0.9515	0.0485	0.9027	0.7910	0.2112
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_rdkit_descriptors	0.5952	0.4048	0.5952	0.1887	0.9222
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	0.9736	0.0264	0.9496	0.8987	0.2151
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.3236	0.0099	0.5564
nursery	0.9167	0.0417	0.9076	0.8778	0.0962
obesity	0.8863	0.0325	0.8838	0.8672	0.1394
obs	0.8704	0.0648	0.8975	0.8067	0.1971
occupancy	0.9893	0.0107	0.9854	0.9704	0.1237
Occupancy_Estimation	0.9921	0.0039	0.9748	0.9760	0.0471
oh0-wc	0.6535	0.0693	0.5713	0.5893	0.2436
oh10-wc	0.6000	0.0800	0.5796	0.5322	0.2663
oh15-wc	0.5217	0.0957	0.3989	0.4325	0.2594
oh5-wc	0.5495	0.0901	0.5241	0.4746	0.2552
ohscal-wc	0.1711	0.1658	0.1941	0.0662	0.4081
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.1554	0.8446	0.5420	0.0138	0.2272
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9822	0.0036	0.9836	0.9802	0.0250
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8144	0.1856	0.7875	0.5467	0.5769
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9206	0.0794	0.9215	0.8413	0.3621
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.8763	0.8277	0.1828
parkinson	0.9667	0.0333	0.9655	0.9310	0.2012
parkinsons	0.8199	0.1801	0.8054	0.6060	0.6234
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.7185	0.2815	0.5357	0.0056	0.4963
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pd	0.8947	0.1053	0.8536	0.6863	0.3954
pediatric-leukemia	0.5588	0.1260	0.4214	0.4486	0.3898
pendigits	0.9927	0.0015	0.9928	0.9919	0.0141
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.9300	0.0700	0.9202	0.8367	0.3152
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.7159	0.0812	0.6628	0.6664	0.1898
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.5829	0.1192	0.4822	0.5087	0.2215
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7296	0.2704	0.7105	0.4069	0.7561
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7368	0.2632	0.7176	0.4154	0.7389
pirvision	0.9935	0.0044	0.9887	0.9794	0.0550
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4244	0.1645	0.1680	0.0016	0.2041
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9449	0.0551	0.4858	-0.0039	0.3179
polish-5th	0.9289	0.0711	0.5650	0.0363	0.3725
polya	0.7114	0.2886	0.6699	0.3293	0.8113
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6211	0.2353	0.8938
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.3663	0.4234	0.2419
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7463	0.2537	0.6906	0.3405	0.7097
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.6429	0.3571	0.6269	0.2222	0.8255
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9590	0.0164	0.9471	0.9450	0.0911
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283
pufs-641%	0.4883	0.5117	0.4850	-0.0228	0.9288
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.6200	0.0585	0.2463	0.4257	0.2801
re1-wc	0.4217	0.0463	0.1282	0.2701	0.2974
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.4238	0.5762	0.5411	0.0167	0.6128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8989	0.0337	0.8847	0.8748	0.1513
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9300	0.0700	0.7792	0.4441	0.1775
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9465	0.9291	0.0704
segmentation	0.8564	0.1436	0.8423	0.6841	0.5628
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8483	0.1517	0.6064	0.0668	0.4407
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9576	0.0424	0.7993	0.5368	0.2602
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9947	0.0053	0.9921	0.9840	0.0796
smarket	0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming	0.1800	0.4100	0.1711	-0.0986	0.8366
smk_can_187	0.7895	0.2105	0.7933	0.5730	0.6420
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2167	0.3133	0.2236	0.0245	0.7778
solar-flare	0.7554	0.0815	0.6124	0.6857	0.1868
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9559	0.0046	0.9202	0.9515	0.0186
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8348	0.1652	0.8423	0.6696	0.5540
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer	0.6154	0.0285	0.5035	0.5920	0.1232
splice-EI	0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE	0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles	0.8600	0.1400	0.8498	0.6997	0.5535
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8564	0.1436	0.7698	0.5343	0.6257
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.7949	0.2051	0.7667	0.5257	0.6778
steel-p	0.9282	0.0718	0.6941	0.2762	0.3858
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9028	0.0972	0.8215	0.6267	0.4657
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8940	0.1060	0.8927	0.7850	0.4487
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4700	0.2120	0.2745	0.1632	0.4791
student-weekend	0.3692	0.2523	0.2419	0.1117	0.6168
student-workday	0.6875	0.1250	0.1645	0.0070	0.3119
studentap	0.6154	0.2564	0.4782	0.3750	0.4230
susy1%	0.4558	0.5442	0.4768	-0.0319	0.9022
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.9927	0.0013	0.9932	0.9920	0.0114
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.8134	0.1866	0.7208	0.3604	0.5377
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc	0.3659	0.1409	0.1062	0.0951	0.3267
trec12-wc	0.3226	0.1694	0.1560	0.0510	0.3512
trec21-wc	0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.6452	0.1183	0.4347	0.4866	0.3116
trec41-wc	0.5341	0.0932	0.2697	0.3921	0.2714
trec45-wc	0.4638	0.1072	0.4142	0.3512	0.3355
tuandromd	0.9776	0.0224	0.9664	0.9321	0.2192
turkish	0.8500	0.0750	0.8541	0.8000	0.1732
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%	0.5204	0.4796	0.6123	0.1596	0.7354
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9687	0.0313	0.7252	0.2510	0.0954
urban	0.8209	0.0398	0.8308	0.7894	0.1388
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7857	0.1071	0.7463	0.7102	0.2066
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6465	0.0643	0.6898	0.6111	0.1732
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wap-wc	0.6346	0.0365	0.4065	0.5808	0.1941
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.5572	0.1265	0.5242	0.4815	0.3387
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2467	0.3767	0.2455	-0.0036	0.7702
waveform	0.8320	0.1120	0.8328	0.7481	0.3783
weather-related	0.9558	0.0080	0.9578	0.9498	0.0495
web-phishing	0.8296	0.1136	0.6957	0.6924	0.4576
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9876	0.0124	0.9305	0.8508	0.0472
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6478	0.1174	0.2970	0.4209	0.4087
winequality-white	0.5010	0.1426	0.2315	0.1346	0.3917
winnipeg	0.2611	0.2111	0.0592	0.0000	0.3334
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7496	0.7322	0.0687
yeast	0.5405	0.0919	0.3362	0.4080	0.3704
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.1667	0.1667	0.0286	0.0000	0.3924

Table 467: Detailed results for SIMCA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0096	0.0943	0.0009	0.0000	0.3900
abalone19	0.9163	0.0837	0.4782	-0.0133	0.1484
abalone9-18	0.6164	0.3836	0.6596	0.1383	0.2820
accelerometer	0.9068	0.0932	0.6680	0.1955	0.3422
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.7561	0.2439	0.7022	0.3457	0.6274
adult	0.7604	0.2396	0.7599	0.4756	0.6464
advanced-iot	0.9990	0.0003	0.9990	0.9988	0.0025
AID_1431	0.5873	0.4127	0.4907	-0.0108	0.4855
AID_1431_KlekotaRothFingerprinter	0.1270	0.8730	0.5333	0.0079	0.2192
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.7714	0.2286	0.6299	0.2593	0.7826
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8081	0.1279	0.2996	-0.0113	0.3563
AID1284Morered	0.8333	0.1667	0.6516	0.3032	0.7325
AID1284red	0.7778	0.2222	0.5355	0.0710	0.7839
AID1608Morered	0.9126	0.0874	0.5746	0.1393	0.6658
AID1608red	0.8155	0.1845	0.5080	0.0131	0.5308
AID362red	0.9463	0.0537	0.4862	-0.0212	0.3736
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9509	0.0491	0.4874	-0.0057	0.1000
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.9955	0.0045	0.4989	-0.0010	0.1825
AID687red	0.9849	0.0151	0.4962	-0.0049	0.2718
AID688red	0.9014	0.0986	0.5079	0.0053	0.1732
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7887	0.2113	0.7515	0.4906	0.7003
air_pollution	0.2200	0.2229	0.1580	0.0264	0.8514
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8667	0.1333	0.8640	0.7264	0.5156
alcohol	0.7429	0.1029	0.4467	0.4655	0.4038
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7581	0.2419	0.7370	0.4740	0.7542
anneal	0.8315	0.0674	0.8245	0.6586	0.3245
antivirus	0.4865	0.5135	0.6581	0.1797	0.4586
anuran-f-b	0.9958	0.0042	0.9082	0.7980	0.4644
anuran-family	0.9346	0.0327	0.8981	0.8768	0.1553
anuran-genus	0.8915	0.0271	0.8499	0.8308	0.2086
anuran-species	0.8764	0.0247	0.8776	0.8359	0.1616
anxiety	0.0667	0.2074	0.0608	-0.0535	0.8089
apple-quality	0.8300	0.1700	0.8320	0.6600	0.5901
aps-failure	0.4471	0.5529	0.5991	0.0268	0.0865
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.0080	0.9920	0.0080	0.0000	0.0228
arcene	0.8000	0.2000	0.7917	0.5833	0.6737

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.0222	0.1956	0.0043	0.0000	0.3075
auction	0.6667	0.3333	0.6814	0.2574	0.5296
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.8333	0.1667	0.8570	0.6752	0.4383
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.7931	0.2069	0.8030	0.5817	0.5977
autos	0.5500	0.1500	0.4526	0.4098	0.3201
avila	0.4241	0.0960	0.4514	0.2916	0.6528
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.9194	0.0538	0.8845	0.8604	0.3020
bank	0.7771	0.2229	0.7325	0.3733	0.5510
banknote	0.9635	0.0365	0.9646	0.9267	0.1837
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6544	0.3456	0.7028	0.3533	0.7120
basehock	0.6985	0.3015	0.7503	0.3951	0.4882
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.0124	0.9876	0.5031	0.0001	0.0254
biodeg	0.7333	0.2667	0.7112	0.3745	0.6835
biomed	0.8571	0.1429	0.8740	0.7175	0.4205
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.8433	0.0448	0.2222	0.0526	0.4490
bitcoin10%	0.0721	0.1687	0.1424	0.0005	0.2042
body-perf	0.5769	0.2116	0.5764	0.4358	0.5050
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.4880	0.5120	0.4880	-0.0240	1.0000
breast-cancer	0.7500	0.2500	0.7056	0.4096	0.7758
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.5969	0.6633	0.1325
bridges	0.0000	0.2857	0.0000	0.0000	0.3594
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9420	0.0580	0.9419	0.8770	0.2846
cancer-uae	0.3430	0.4380	0.3485	0.0184	0.7857
car	0.8908	0.0546	0.8855	0.7367	0.1391
car-insurance	0.8000	0.2000	0.7790	0.5543	0.6849
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7653	0.0469	0.7494	0.7207	0.2993
cardiotocography-nsp	0.7793	0.1471	0.7210	0.5321	0.4987
cardiovascular	0.6062	0.3938	0.6173	0.2127	0.8621
cargo2k	0.9670	0.0220	0.9674	0.9505	0.0915
cars	0.7000	0.2000	0.5742	0.4783	0.5079
cas_N6512_cdk_ECFP2	0.6836	0.3164	0.6861	0.3693	0.8329
cas_N6512_rdkit_ATOMPAIR	0.6492	0.3508	0.6962	0.3245	0.6900
cas_N6512_RDkit_AtomPair_FP	0.5429	0.4571	0.6415	0.1399	0.5797
cas_N6512_rdkit_AVALON	0.7281	0.2719	0.7268	0.4535	0.7835
cas_N6512_RDkit_Avalon_FP	0.7408	0.2592	0.7411	0.4811	0.7617
cas_N6512_rdkit_descriptors	0.5923	0.4077	0.6448	0.2201	0.7348
cas_N6512_rdkit_FEATMORGAN	0.6959	0.3041	0.6932	0.3862	0.8275
cas_N6512_RDkit_Featmorgan_FP	0.6948	0.3052	0.6931	0.3861	0.8287
cas_N6512_RDkit_FP	0.6810	0.3190	0.6779	0.3551	0.8453
cas_N6512_rdkit_LAYERED	0.7046	0.2954	0.7042	0.4080	0.8139
cas_N6512_RDkit_Layered_FP	0.6626	0.3374	0.6603	0.3205	0.8673
cas_N6512_rdkit_MACCS	0.7343	0.2657	0.7335	0.4666	0.7738

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7362	0.2638	0.7416	0.4762	0.7504
cas_N6512_rdkit_MORGAN	0.8031	0.1969	0.8052	0.6070	0.6492
cas_N6512_RDkit_morgan_FP	0.7730	0.2270	0.7783	0.5491	0.6901
cas_N6512_rdkit_PATTERN	0.6754	0.3246	0.6796	0.3547	0.8377
cas_N6512_RDkit_pattern_FP	0.6580	0.3420	0.6651	0.3230	0.8485
cas_N6512_rdkit_RDKITFP	0.6743	0.3257	0.6711	0.3413	0.8527
cas_N6512_rdkit_TORSION	0.6969	0.3031	0.7272	0.4103	0.6985
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.6026	0.2649	0.4758	0.2083	0.5016
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7461	0.2539	0.7128	0.3600	0.6339
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.7385	0.4769	0.5742
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.8272	0.1728	0.6286	0.1824	0.4668
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.7951	0.2049	0.6665	0.2309	0.4685
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.8256	0.1744	0.5727	0.1272	0.5939
cervical-C	0.7674	0.2326	0.4342	-0.0955	0.4733
cervical-H	0.8953	0.1047	0.5699	0.1303	0.5841
cervical-S	0.7791	0.2209	0.6480	0.2428	0.5903
children-anemia	0.8493	0.0753	0.8213	0.7770	0.2879
chrom19	0.9938	0.0062	0.7127	0.2232	0.2920
chrom191%	0.9671	0.0329	0.6779	0.0645	0.0929
chrom1910%	0.9954	0.0046	0.7226	0.2870	0.3668
chrom211%	0.0008	0.9992	0.0008	0.0000	0.0023
chronic-kidney	0.9157	0.0843	0.4780	-0.0113	0.4605
churn	0.7060	0.2940	0.6780	0.3202	0.7132
churn-bigml	0.7041	0.2959	0.6943	0.3072	0.5913
ci900367j_MACCS	0.7474	0.2526	0.7254	0.4124	0.6815
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6667	0.2222	0.4733	0.3849	0.4130
cjs	0.4857	0.1714	0.6602	0.3939	0.2953
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.5185	0.2407	0.5900	0.3865	0.4800
climate	0.8889	0.1111	0.4706	-0.0519	0.7116
cll_sub_111	0.4167	0.3889	0.3921	0.2364	0.4453
cm1	0.6000	0.4000	0.6774	0.2000	0.3900
cmc	0.5102	0.3265	0.5068	0.2506	0.6873
cnae-9	0.7407	0.0576	0.7674	0.7083	0.2391
codon_usage	0.5894	0.0747	0.5925	0.5206	0.2631
coil20	0.9653	0.0035	0.9699	0.9634	0.0138
college	0.8442	0.1558	0.8340	0.6489	0.5740
collins	0.4800	0.0693	0.4326	0.4260	0.2465
colon-tumor	0.5000	0.5000	0.3333	-0.2857	1.0000
colposcopies-1	0.5862	0.4138	0.6650	0.2596	0.7024
colposcopies-2	0.4138	0.5862	0.5178	0.0160	0.7322
colposcopies-3	0.6897	0.3103	0.7597	0.4238	0.5112
colposcopies-4	0.5862	0.4138	0.5882	0.1594	0.8263
colposcopies-5	0.7241	0.2759	0.7005	0.3446	0.6502
colposcopies-6	0.8276	0.1724	0.8286	0.6556	0.6047
colposcopies-c	0.5517	0.4483	0.5929	0.1490	0.7449
column-2c	0.7419	0.2581	0.6806	0.2994	0.6770
column-3c	0.7097	0.1935	0.6226	0.5156	0.3836
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.9756	0.0163	0.7216	0.5938	0.5288
cottonmeloidogyne	0.7067	0.2933	0.7112	0.4145	0.7911
coupon	0.6956	0.3044	0.6934	0.3857	0.8246
covid19	0.3638	0.1818	0.0762	0.0000	0.2356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.6172	0.1094	0.5348	0.4318	0.5621
covtypeCD	0.9135	0.0865	0.8365	0.6672	0.5545
covtypeT	0.9249	0.0751	0.7830	0.5452	0.5896
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.4537	0.5463	0.5934	0.0028	0.0090
creditcard_trans10%	0.4487	0.5513	0.5926	0.0028	0.0091
crowdsourced	0.8839	0.0387	0.7619	0.7450	0.2380
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.2500	0.0375	0.1723	0.2266	0.2204
customer-churn	0.7786	0.2214	0.6538	0.1087	0.2127
cybersecurity	0.1800	0.2733	0.1811	0.0160	0.8629
cyclopentane	0.6667	0.3333	0.6613	0.2957	0.8063
cylinder-bands	0.4444	0.5556	0.6002	0.0276	0.5294
darwin	0.6111	0.3889	0.6858	0.2222	0.5142
datatrieve	0.5385	0.4615	0.6486	0.1333	0.3113
dating	0.1018	0.1796	0.1021	0.0021	0.9241
dbworld	0.4286	0.5714	0.3000	0.0000	0.5288
default	0.7363	0.2637	0.6691	0.3289	0.7717
defect	0.8364	0.1636	0.7129	0.4243	0.7048
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.7509	0.2491	0.7091	0.3305	0.5623
depressed	0.6224	0.3776	0.5192	0.0338	0.7479
dermatology	0.9459	0.0180	0.9479	0.9322	0.0366
desharnais	0.2500	0.5000	0.1667	-0.1163	0.6810
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.4375	0.3750	0.4194	0.2174	0.4473
DIA	0.8333	0.1667	0.7692	0.4286	0.3322
diabetes	0.8846	0.1154	0.8841	0.7417	0.3038
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.8041	0.1959	0.7613	0.5006	0.6683
diabetic	0.1116	0.5923	0.0669	0.0000	0.4006
diabetic1%	0.4412	0.3725	0.3125	0.0063	0.6651
diabetic10%	0.5246	0.3170	0.3376	-0.0030	0.5747
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.4173	0.2331	0.4103	0.2479	0.7064
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor	0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5437	0.4563	0.5400	0.0796	0.9726
drebin	0.9275	0.0725	0.9239	0.8385	0.2601
dropout	0.6321	0.2453	0.5810	0.4276	0.5994
drug-01	0.2021	0.2280	0.1319	0.0113	0.8219
drug-02	0.3617	0.1824	0.2523	0.1615	0.7965
drug-03	0.0000	0.2857	0.0000	0.0000	0.2510
drug-04	0.3085	0.1976	0.2597	0.1380	0.7888
drug-05	0.3351	0.1900	0.1212	-0.0277	0.7522
drug-06	0.3032	0.1991	0.2910	0.1828	0.6731
drug-07	0.3936	0.1733	0.1652	0.1094	0.6648
drug-08	0.3723	0.1793	0.2484	0.1814	0.7573
drug-09	0.0000	0.2857	0.0000	0.0000	0.1381

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-10	0.4255	0.1641	0.2955	0.2190	0.7124
drug-11	0.5691	0.1231	0.1847	0.1140	0.6036
drug-12	0.0000	0.2857	0.0000	0.0000	0.1983
drug-13	0.4894	0.1459	0.2479	0.2497	0.7002
drug-14	0.4681	0.1520	0.2960	0.2470	0.6699
drug-15	0.4947	0.1444	0.1568	0.0894	0.8428
drug-16	0.4894	0.1459	0.2896	0.3042	0.6343
drug-17	0.2606	0.2112	0.2113	0.0894	0.8089
drug-18	0.0053	0.9947	0.0053	0.0000	0.0152
drug-19	0.3883	0.1748	0.2311	0.1228	0.5001
drybean	0.9045	0.0273	0.9191	0.8847	0.1559
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7338	0.4590	0.6857
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2400	0.3800	0.2330	-0.0120	0.8408
eeg	0.2389	0.0951	0.2896	0.1562	0.6146
eeg-eye	0.5561	0.4439	0.5388	0.0184	0.6492
eeg10%	0.2200	0.0975	0.2170	0.1300	0.4834
email_phishing	0.8716	0.1284	0.5163	0.0119	0.2020
eucalyptus	0.5753	0.1699	0.5516	0.4567	0.5052
euthyroid	0.9304	0.0696	0.7736	0.5246	0.4811
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5891	0.4109	0.6561	0.1376	0.5144
fakenews	0.5025	0.4975	0.5025	0.0050	0.9985
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0732	0.1090	0.0675	0.0001	0.4073
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4118	0.5882	0.4173	-0.1608	1.0000
financial-risk	0.5360	0.1547	0.4045	0.3691	0.4105
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8077	0.0962	0.8277	0.7436	0.1169
gas	0.7340	0.0887	0.7393	0.6721	0.2321
gastrointestinal	0.7500	0.1667	0.7508	0.6098	0.3946
gender	0.2421	0.5053	0.4038	0.0498	0.5909
gene	0.8423	0.1052	0.8288	0.7403	0.3667
german	0.6800	0.3200	0.6531	0.3059	0.8542
gestures	0.2808	0.3596	0.3626	0.0421	0.4121
gina	0.8991	0.1009	0.9069	0.7990	0.3409
gisette	0.7729	0.2271	0.8028	0.5457	0.4992
glass	0.5714	0.1429	0.6989	0.4185	0.2305
glass-g2	0.5000	0.5000	0.6522	0.1579	0.5288
glassBWFP	0.6190	0.3810	0.3824	0.0000	0.4912
glassBWNFP	0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers	0.9091	0.0909	0.8382	0.6207	0.5283
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7368	0.2632	0.7531	0.4809	0.6961
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.6061	0.6667	0.1393
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.4000	0.3000	0.4781	0.1964	0.5550
gsalc	0.6667	0.1111	0.5977	0.6029	0.1085

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
haberman	0.7333	0.2667	0.6591	0.3182	0.8145
hapt	0.7045	0.0493	0.6872	0.6550	0.1794
har	0.5601	0.1759	0.5815	0.4400	0.4818
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7442	0.0731	0.4740	0.6001	0.2757
har7010%	0.7243	0.0788	0.5207	0.5783	0.2738
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.1521	0.1413	0.2301	0.0941	0.3562
harth10%	0.1495	0.1418	0.2429	0.0936	0.3516
hayes-roth	0.3750	0.4167	0.3347	0.0361	0.7344
hcc-survival	0.7059	0.2941	0.7286	0.4295	0.7316
health-activity	0.4600	0.2700	0.2407	0.0013	0.6295
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8387	0.1613	0.8606	0.6843	0.4125
heart-c	0.8667	0.1333	0.8705	0.7345	0.4958
heart-failure	0.7560	0.2440	0.7558	0.4916	0.7003
heart-quantum	0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis	0.6667	0.3333	0.6377	0.2424	0.7291
hepmass1%	0.7996	0.2004	0.8038	0.5997	0.6397
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs	0.5564	0.4436	0.6018	0.1463	0.7785
higgs0.1%	0.5618	0.4382	0.6018	0.1548	0.8009
higgs1%	0.5554	0.4446	0.6012	0.1452	0.7785
higgs10%	0.5563	0.4437	0.6019	0.1454	0.7759
higher	0.0000	0.2500	0.0000	-0.0889	0.4300
hinselmann	0.5000	0.5000	0.6644	0.1935	0.4711
hitters	0.7500	0.2500	0.7741	0.5096	0.6311
hiv1-proteasa	0.8803	0.1197	0.7596	0.4368	0.4011
hiva	0.9456	0.0544	0.6384	0.2750	0.6075
horse	0.5833	0.2778	0.5716	0.3541	0.6544
hotel-reservartions	0.7913	0.2087	0.7683	0.5358	0.7039
hr	0.8281	0.1719	0.4811	-0.0269	0.7535
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5333	0.3112	0.5630	0.2763	0.5983
htru2	0.9156	0.0844	0.8259	0.6179	0.5606
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.7427	0.2573	0.6393	0.1942	0.4992
ilpd	0.6102	0.3898	0.4551	-0.0830	0.9487
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.8900	0.0550	0.8965	0.8533	0.1687
ionosphere	0.6286	0.3714	0.7292	0.3472	0.5307
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.8665	0.0103	0.8998	0.8612	0.0891
jm1	0.3186	0.6814	0.5403	0.0335	0.5260
jvowels	0.9327	0.0149	0.9315	0.9237	0.0933
kc1	0.6303	0.3697	0.6279	0.1951	0.6290
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.6667	0.3333	0.6822	0.1935	0.3467
kc2	0.5962	0.4038	0.7061	0.2872	0.5050
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup99	0.5737	0.0426	0.4828	0.3784	0.1536
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.6998	0.2001	0.6615	0.4902	0.2480
kidney	0.3841	0.2463	0.1811	-0.0115	0.6660
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2599	0.0822	0.3361	0.1861	0.6683
krvskp	0.9028	0.0972	0.9092	0.8068	0.3551
la1s-wc	0.3016	0.2328	0.3224	0.1398	0.7493
la2s-wc	0.4603	0.1799	0.5004	0.3430	0.4270
labor	0.6667	0.3333	0.4000	0.0000	0.4644
leaf	0.4412	0.0279	0.2500	0.4222	0.0800
led24	0.5500	0.0900	0.5077	0.4944	0.2174
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.7365	0.0203	0.7526	0.7258	0.2352
leukemia	0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.5833	0.0556	0.6443	0.5541	0.1651
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9923	0.0077	0.7951	0.4855	0.4947
linkage10%	0.9905	0.0095	0.7778	0.4302	0.4644
liver	0.7059	0.2941	0.6808	0.3585	0.8145
loan	0.9321	0.0679	0.9286	0.8567	0.3462
localization	0.1401	0.1564	0.2743	0.0948	0.6332
localization10%	0.1608	0.1526	0.2845	0.1107	0.5733
lrs	0.3585	0.1833	0.4210	0.2687	0.2958
lung	0.8571	0.0571	0.8780	0.7418	0.1803
lung_discrete	0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.9000	0.0400	0.8587	0.8068	0.1503
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.1111	0.2963	0.0333	0.0000	0.3682
machine-failure	0.9255	0.0745	0.9231	0.8460	0.3552
madelon	0.4692	0.5308	0.4692	-0.0615	1.0000
magic04	0.5713	0.4287	0.6801	0.2558	0.6147
malware	0.5676	0.4324	0.6904	0.2487	0.4837
mammography	0.7708	0.2292	0.7823	0.5470	0.6625
marketing	0.7500	0.2500	0.6947	0.3372	0.6443
maternal	0.6634	0.2244	0.6670	0.4871	0.5388
math	0.8000	0.1000	0.7200	0.6806	0.2675
mba	0.7484	0.1677	0.4607	0.3343	0.5747
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2333	0.3067	0.2261	0.0415	0.8434
messidor	0.6087	0.3913	0.5898	0.1467	0.8444
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	0.8889	0.0741	0.8730	0.8235	0.1114
meter-C	0.3889	0.3056	0.4926	0.1818	0.4369
meter-D	0.7778	0.1111	0.7887	0.7012	0.2914
mfeat-fac	0.9450	0.0110	0.9474	0.9389	0.0596
mfeat-fou	0.6850	0.0630	0.7071	0.6500	0.2585
mfeat-kar	0.9700	0.0060	0.9714	0.9667	0.0379
mfeat-mor	0.7050	0.0590	0.7101	0.6722	0.2103
mfeat-pix	0.9750	0.0050	0.9775	0.9722	0.0284
mfeat-zer	0.7900	0.0420	0.7836	0.7667	0.1344

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mice-prot	0.8796	0.0301	0.9038	0.8623	0.0924
milk	0.7642	0.1572	0.7415	0.6249	0.3719
mines	0.4706	0.2118	0.5099	0.3426	0.4355
mobile	0.0559	0.0337	0.0495	0.0391	0.3774
monks-1	0.7455	0.2545	0.7578	0.4934	0.6926
monks-2	0.7049	0.2951	0.6732	0.3464	0.8308
monks-3	0.8571	0.1429	0.8737	0.7168	0.3812
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9926	0.0074	0.9926	0.9852	0.0586
music	0.4339	0.1029	0.4872	0.3468	0.6099
musk	0.9045	0.0955	0.7999	0.5114	0.2258
MUT_ci300400a_cdk_ECFP2	0.7086	0.2914	0.7051	0.4088	0.8080
MUT_ci300400a_cdk_ECFP4	0.7916	0.2084	0.8003	0.5866	0.6411
MUT_ci300400a_cdk_ECFP6	0.8012	0.1988	0.7972	0.5940	0.6669
MUT_ci300400a_cdk_ESTATE	0.7110	0.2890	0.7148	0.4230	0.7875
MUT_ci300400a_cdk_EXTENDED	0.7470	0.2530	0.7396	0.4791	0.7605
MUT_ci300400a_cdk_FCFP2	0.6874	0.3126	0.7214	0.4019	0.7155
MUT_ci300400a_cdk_FCFP4	0.7302	0.2698	0.7416	0.4680	0.7362
MUT_ci300400a_cdk_FCFP6	0.7590	0.2410	0.7735	0.5266	0.6763
MUT_ci300400a_cdk_MACCS	0.7566	0.2434	0.7539	0.5061	0.7390
MUT_ci300400a_cdk_PUBCHEM	0.7257	0.2743	0.7183	0.4366	0.7911
MUT_ci300400a_cdk_STANDARD	0.7198	0.2802	0.7091	0.4173	0.7998
MUT_ci300400a_rdkit_descriptors	0.6366	0.3634	0.6877	0.3160	0.7177
myocardial	0.5588	0.1103	0.1753	0.1302	0.7313
naticusdroid	0.9410	0.0590	0.9411	0.8820	0.2990
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.3333	0.2222	0.2500	0.2000	0.3026
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.6130	0.0407	0.2888	0.3174	0.7700
ncRNA10%	0.5884	0.0433	0.2911	0.3021	0.8398
neo	0.7815	0.2185	0.7029	0.3226	0.5568
new-thyroid	0.7619	0.1587	0.7993	0.5930	0.3731
new-thyroidT	0.9048	0.0952	0.8662	0.6957	0.5000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6208	0.3792	0.6207	0.2177	0.8538
NHANES_age_prediction	0.9251	0.0749	0.8848	0.7552	0.4824
nomao	0.6909	0.3091	0.7357	0.4064	0.6420
NPHA-doctor-visits	0.4167	0.3889	0.3592	0.0442	0.8072
nursery	0.8650	0.0675	0.8385	0.8016	0.2439
obesity	0.7204	0.0799	0.7361	0.6736	0.3062
obs	0.7315	0.1343	0.7574	0.5884	0.3544
occupancy	0.9781	0.0219	0.9710	0.9404	0.2020
Occupancy_Estimation	0.9161	0.0420	0.8870	0.7787	0.2026
oh0-wc	0.1980	0.1604	0.3731	0.1475	0.3656
oh10-wc	0.0762	0.1848	0.1251	0.0244	0.4380
oh15-wc	0.0761	0.1848	0.1600	0.0226	0.3951
oh5-wc	0.2747	0.1451	0.4351	0.2261	0.3428
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9649	0.0078	0.9509	0.9565	0.0248
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9104	0.0896	0.4765	-0.0019	0.2753
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9698	0.0060	0.9718	0.9664	0.0421
optdigitsZ	0.9786	0.0214	0.9311	0.8523	0.0745
orl	0.9000	0.0050	0.8841	0.8974	0.0208
orlraws10P	0.8000	0.0400	0.7652	0.7778	0.0600
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ozone8hr	0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7887	0.2113	0.7726	0.4459	0.3944
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7698	0.2302	0.7811	0.5278	0.6142
p53-mutants	0.9398	0.0602	0.6471	0.0963	0.1733
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.5265	0.1894	0.5374	0.1744	0.3517
parkinson	0.8917	0.1083	0.8955	0.7820	0.4285
parkinsons	0.6825	0.3175	0.6852	0.3613	0.8145
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.7994	0.2006	0.7876	0.5569	0.6533
particle10%	0.7608	0.2392	0.7685	0.5007	0.6539
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.4414	0.5586	0.5862	0.0634	0.3038
pcmac	0.4175	0.5825	0.4775	-0.0029	0.5869
pcos	0.9733	0.0267	0.9618	0.9206	0.2500
pd	0.6842	0.3158	0.7213	0.3766	0.6487
pediatric-leukemia	0.1471	0.2437	0.1507	-0.0082	0.5142
pendigits	0.9172	0.0166	0.9263	0.9080	0.0902
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
persistency	0.6647	0.3353	0.7300	0.3834	0.6280
personalities	0.9892	0.0014	0.9892	0.9884	0.0207
pet-adoption	0.7800	0.2200	0.7843	0.5477	0.6583
phishing	0.9510	0.0490	0.9486	0.8961	0.2464
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.8825	0.1175	0.8941	0.7679	0.3811
phone-acc0.1%	0.5015	0.1424	0.5680	0.4225	0.4145
phone-acc1%	0.5116	0.1395	0.5688	0.4341	0.4064
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.4350	0.1614	0.4726	0.3455	0.4858
phone-gyr1%	0.4606	0.1541	0.5019	0.3757	0.4665
phone-gyr10%	0.3481	0.1863	0.4097	0.2407	0.5815
phoneme	0.7815	0.2185	0.7693	0.5206	0.6805
phy	0.4912	0.5088	0.4916	-0.0164	0.9969
pima	0.6447	0.3553	0.6571	0.3011	0.8388
pirvision	0.0751	0.6166	0.0466	0.0000	0.2413
placement	0.7830	0.2170	0.7751	0.5464	0.6917
plant-growth	0.6316	0.3684	0.6292	0.2570	0.8973
plrx	0.7222	0.2778	0.6328	0.2623	0.8344
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.3649	0.1815	0.2259	0.0372	0.6961
poker10%	0.2240	0.1940	0.1782	0.0175	0.8702
polish-1st	0.2817	0.7184	0.5520	0.0184	0.1492
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.4600	0.5400	0.5209	0.0119	0.2543
polish-4th	0.3980	0.6020	0.5378	0.0210	0.2493
polish-5th	0.2318	0.7682	0.5550	0.0249	0.2157
polya	0.7600	0.2400	0.7282	0.4427	0.7271
popularity	0.4497	0.3669	0.4718	0.1592	0.6391
post-operative	0.0000	0.6667	0.0000	0.0000	0.3386
postures	0.7161	0.1135	0.7329	0.6458	0.3411
pred-tox_mutagen_ref-desc	0.5441	0.4559	0.6347	0.0882	0.5245
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.5152	0.0746	0.4471	0.4494	0.2506
processed	0.8175	0.1825	0.7826	0.5556	0.6352
profb	0.5224	0.4776	0.6310	0.1829	0.6861
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.5714	0.4286	0.5310	0.0455	0.8750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prostate_GE	0.6364	0.3636	0.7179	0.3125	0.5164
puc-rio	0.6406	0.1438	0.7084	0.5510	0.3283
puc-rio10%	0.6270	0.1492	0.6912	0.5371	0.3384
pufs-1281%	0.5105	0.4895	0.5105	0.0210	0.9940
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5037	0.4963	0.5037	0.0073	0.9979
pufs-641%	0.5075	0.4925	0.5075	0.0150	0.9957
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.8364	0.1636	0.7684	0.4451	0.5334
raisin	0.8667	0.1333	0.8700	0.7333	0.4919
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0002	0.0400	0.0000	0.0000	0.3309
re0-wc	0.3667	0.0974	0.3456	0.2481	0.4196
re1-wc	0.0422	0.0766	0.0708	0.0163	0.3702
rejafada	0.6683	0.3317	0.6595	0.1184	0.2290
relathe	0.9437	0.0563	0.9466	0.8876	0.2382
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9846	0.0154	0.9846	0.9688	0.0952
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5994	0.4006	0.5960	0.1904	0.9181
RT_IOT2022	0.0915	0.1514	0.4868	0.0828	0.1182
satimage	0.8040	0.0653	0.7995	0.7619	0.2667
satimageF	0.9751	0.0249	0.9422	0.8807	0.3330
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5294	0.4706	0.5296	0.0588	0.9796
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9103	0.0897	0.4765	-0.0380	0.6807
secondary_mushroom	0.9263	0.0737	0.9253	0.8505	0.3498
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.7662	0.0668	0.8156	0.7263	0.2029
segmentation	0.8119	0.1881	0.7898	0.5741	0.6458
segmentO	0.9134	0.0866	0.8114	0.5442	0.2112
seismic	0.7287	0.2713	0.6319	0.1652	0.4438
semeion	0.9623	0.0377	0.8884	0.7499	0.1152
sens-1-gram	0.5579	0.4421	0.5962	0.1226	0.5451
sens-10-gram	0.5039	0.4961	0.5705	0.0836	0.5357
sens-2-gram	0.8421	0.1579	0.6036	0.2006	0.7397
sens-3-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sens-4-gram	0.1895	0.8105	0.4887	-0.0052	0.3849
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.4974	0.5026	0.5296	0.0359	0.5607
sens-9-gram	0.6132	0.3868	0.5718	0.1048	0.6103
sensorless	0.5791	0.0765	0.6174	0.5371	0.3455
sepsis	0.8119	0.1881	0.5272	0.0525	0.6829
shoppers	0.7835	0.2165	0.7238	0.4041	0.6502
shuttle	0.7386	0.0747	0.5841	0.4825	0.2973
sick	0.8594	0.1406	0.6479	0.2622	0.5944
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9654	0.0346	0.9465	0.8890	0.1635
skin10%	0.9620	0.0380	0.9414	0.8773	0.1624
smarket	0.9520	0.0480	0.9528	0.9038	0.2372
smart-farming	0.1800	0.4100	0.1720	-0.0974	0.8707
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.7190	0.2810	0.7273	0.4380	0.7504

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
soil_pollution	0.1867	0.3253	0.1867	-0.0167	0.8830
solar-flare	0.5683	0.1439	0.5751	0.4782	0.4282
sonar	0.6500	0.3500	0.7149	0.3000	0.5049
soybean	0.9412	0.0062	0.9514	0.9354	0.0293
spam-detection	0.8150	0.1850	0.7368	0.3852	0.5457
spambase	0.8391	0.1609	0.8329	0.6655	0.5952
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.8991	0.1009	0.8633	0.6946	0.3015
splice-IE	0.8896	0.1104	0.8384	0.6617	0.4595
sport-articles	0.5900	0.4100	0.6917	0.2777	0.6044
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	0.8925	0.1075	0.8811	0.7586	0.4455
steel_industry	0.7280	0.1813	0.6790	0.5650	0.4904
steel-b	0.8308	0.1692	0.7259	0.4458	0.6876
steel-d	0.9692	0.0308	0.7421	0.4841	0.5554
steel-k	0.9436	0.0564	0.9239	0.8403	0.3817
steel-o	0.6872	0.3128	0.7023	0.3811	0.7656
steel-p	0.9231	0.0769	0.8074	0.5935	0.5778
steel-s	0.9641	0.0359	0.7153	0.2151	0.1059
steel-z	0.9692	0.0308	0.9073	0.7964	0.0989
stellar	0.5583	0.2945	0.6679	0.3772	0.4740
stock	0.6250	0.3750	0.7127	0.2997	0.4957
stockb	0.9427	0.0382	0.9449	0.9141	0.1318
streaming	0.8400	0.1600	0.8453	0.6819	0.5545
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.3500	0.2238	0.6165
student-depression	0.8362	0.1638	0.8304	0.6604	0.5961
student-habits	0.2700	0.2920	0.2510	0.0011	0.8173
student-weekend	0.3077	0.2769	0.2127	0.0646	0.7322
student-workday	0.6875	0.1250	0.2895	0.3695	0.4196
studentap	0.4615	0.3590	0.4992	0.1727	0.5326
susy1%	0.6044	0.3956	0.6603	0.2456	0.7114
susy10%	0.6074	0.3926	0.6643	0.2514	0.7036
swarm_aligned	0.7489	0.2511	0.7075	0.2511	0.4162
swarm_flocking	0.8647	0.1353	0.8785	0.7294	0.3745
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4714	0.2000	0.5761
telco-churn	0.8693	0.1307	0.8434	0.6824	0.5656
texture	0.9091	0.0165	0.9185	0.8997	0.0873
theorem	0.8576	0.1424	0.8534	0.7067	0.5488
thoracic	0.8085	0.1915	0.5992	0.1973	0.7712
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.6421	0.3579	0.6757	0.3148	0.7645
tis	0.6776	0.3224	0.7317	0.3812	0.6050
tis10%	0.7910	0.2090	0.7021	0.4004	0.7440
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.8235	0.0882	0.8568	0.7606	0.1546
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6400	0.3600	0.6292	0.2321	0.7722
trec11-wc	0.2927	0.1572	0.0967	0.0965	0.3727
trec12-wc	0.4194	0.1452	0.1751	0.2051	0.3124

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.1828	0.2724	0.1321	0.0336	0.3975
trec41-wc	0.2614	0.1477	0.1563	0.1274	0.5112
trec45-wc	0.2754	0.1449	0.1188	0.0758	0.3563
tuandromd	0.9350	0.0650	0.9154	0.8185	0.4041
turkish	0.6000	0.2000	0.6479	0.4667	0.3842
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.8000	0.2000	0.8222	0.6079	0.5539
tvnews10%	0.8003	0.1997	0.8093	0.5989	0.6165
ur3_cobotops_grip	0.8694	0.1306	0.5808	0.1121	0.4222
ur3_cobotops_stop	0.9551	0.0449	0.6771	0.3541	0.5982
urban	0.7612	0.0531	0.7852	0.7201	0.2152
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%	0.9805	0.0195	0.4951	-0.0099	0.5378
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.6786	0.1607	0.6840	0.5766	0.3393
vehicleVAN	0.8452	0.1548	0.7768	0.5185	0.5399
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.9302	0.0698	0.9346	0.8608	0.2605
vowel	0.5051	0.0900	0.5340	0.4556	0.2881
vowelZ	0.9293	0.0707	0.8619	0.6831	0.5142
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0385	0.0962	0.0754	0.0125	0.3703
warpar10p	0.7692	0.0462	0.6964	0.7417	0.0682
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.5445	0.1301	0.5661	0.4668	0.4865
watch-acc10%	0.5481	0.1291	0.5679	0.4707	0.4873
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.3949	0.1729	0.4573	0.2978	0.4903
watch-gyr10%	0.3994	0.1716	0.4691	0.3032	0.4787
water_pollution	0.2367	0.3817	0.2349	-0.0178	0.8739
waveform	0.8180	0.1213	0.8184	0.7270	0.4036
weather-related	0.8250	0.0318	0.8685	0.8022	0.1658
web-phishing	0.7704	0.1531	0.6728	0.6092	0.5228
Weekly	0.9259	0.0741	0.9250	0.8494	0.3475
weight-lift	0.5791	0.1684	0.6017	0.4691	0.4773
white-clover	0.5000	0.5000	0.3333	-0.2857	1.0000
wifi-loc	0.9550	0.0225	0.9571	0.9400	0.0761
wilt	0.9524	0.0476	0.6485	0.1386	0.3030
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4088	0.1971	0.2812	0.1903	0.6313
winequality-white	0.1656	0.2384	0.2737	0.0635	0.5408
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.6585	0.0976	0.7187	0.6008	0.2193
wisc_bc	0.9649	0.0351	0.9643	0.9261	0.2027
yale	0.5000	0.0667	0.4550	0.4667	0.1348
yeast	0.5000	0.1000	0.4113	0.3774	0.5154
yeastCYT-POX	0.8776	0.1224	0.7496	0.3581	0.4422
yeastEXC	0.9595	0.0405	0.6146	0.2292	0.5992
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.8311	0.1689	0.5894	0.1298	0.4719
zip	0.8968	0.0206	0.8953	0.8844	0.1332

Table 468: Detailed results for SLDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1880	0.0773	0.1942	0.1128	0.5252
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9800	0.0200	0.5264	0.0256	0.4293
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.2574	0.7426	0.5621	0.0129	0.4346
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8687	0.0875	0.3099	-0.0118	0.3886
AID1284Morered	0.7500	0.2500	0.5869	0.1649	0.7334
AID1284red	0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9469	0.0531	0.4864	-0.0057	0.0937
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9886	0.0114	0.4971	-0.0036	0.4944
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8263	0.1737	0.7474	0.4858	0.6648
air_pollution	0.1733	0.2362	0.0891	-0.0164	0.4442
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8697	0.1303	0.8671	0.7341	0.5156
alcohol	0.0286	0.3886	0.0111	0.0000	0.2706
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6558	0.3442	0.6331	0.0338	0.4730
anneal	0.8202	0.0719	0.5790	0.5024	0.1313
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9179	0.0410	0.7402	0.8442	0.3075
anuran-genus	0.9318	0.0170	0.8241	0.8892	0.2785
anuran-species	0.9403	0.0119	0.8531	0.9167	0.1420
anxiety	0.0667	0.2074	0.0181	-0.0493	0.5209
apple-quality	0.7325	0.2675	0.7341	0.4650	0.7679
aps-failure	0.9899	0.0101	0.8534	0.7065	0.4081
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.2000	0.1600	0.4651	0.1281	0.2179

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.9545	0.0083	0.9735	0.9471	0.0293
audit-risk	0.9231	0.0769	0.9229	0.8339	0.2435
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.4828	0.5172	0.3256	0.0000	0.5300
autos	0.1500	0.2833	0.0435	0.0000	0.3534
avila	0.5098	0.0817	0.3674	0.2660	0.6011
babies	0.4274	0.1636	0.1394	0.0980	0.4271
balance	0.8871	0.0753	0.6111	0.7875	0.2104
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8917	0.1083	0.8839	0.7529	0.3756
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8943	0.7809	0.2098
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9849	0.0027	0.0902	-0.0009	0.0837
body-perf	0.6060	0.1970	0.6079	0.4746	0.5151
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5035	0.4965	0.5043	0.0081	0.9745
breast-cancer	0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5969	0.5600	0.1943
bridges	0.6000	0.1143	0.4945	0.4872	0.1395
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.3851	0.3075	0.5021	0.1563	0.4820
car-insurance	0.8240	0.1760	0.8000	0.5991	0.6491
card	0.7826	0.2174	0.8113	0.5798	0.5524
cardiotocography	0.7465	0.0507	0.6867	0.6969	0.3193
cardiotocography-nsp	0.8732	0.0845	0.7508	0.6334	0.4289
cardiovascular	0.6498	0.3502	0.6501	0.2995	0.8788
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5884	0.4850	0.3959
cas_N6512_cdk_ECFP2	0.7158	0.2842	0.7198	0.4129	0.7353
cas_N6512_rdkit_ATOMPAIR	0.7123	0.2877	0.7126	0.4092	0.7685
cas_N6512_RDkit_AtomPair_FP	0.7270	0.2730	0.7290	0.4388	0.7380
cas_N6512_rdkit_AVALON	0.7235	0.2765	0.7321	0.4267	0.6939
cas_N6512_RDkit_Avalon_FP	0.7454	0.2546	0.7596	0.4715	0.6228
cas_N6512_rdkit_descriptors	0.7108	0.2892	0.7106	0.4065	0.7740
cas_N6512_rdkit_FEATMORGAN	0.7189	0.2811	0.7200	0.4219	0.7534
cas_N6512_RDkit_Featmorgan_FP	0.7377	0.2623	0.7414	0.4602	0.7112
cas_N6512_RDkit_FP	0.6702	0.3298	0.6771	0.3134	0.7623
cas_N6512_rdkit_LAYERED	0.7462	0.2538	0.7447	0.4830	0.7416
cas_N6512_RDkit_Layered_FP	0.7362	0.2638	0.7379	0.4585	0.7286
cas_N6512_rdkit_MACCS	0.6897	0.3103	0.7213	0.3458	0.5798
cas_N6512_RDkit_MACCS_FP	0.7025	0.2975	0.7151	0.3803	0.6932

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.7154	0.2846	0.7278	0.4081	0.6788
cas_N6512_RDkit_morgan_FP	0.7331	0.2669	0.7419	0.4477	0.6811
cas_N6512_rdkit_PATTERN	0.6631	0.3369	0.6881	0.2898	0.6544
cas_N6512_RDkit_pattern_FP	0.7500	0.2500	0.7538	0.4860	0.6928
cas_N6512_rdkit_RDKITFP	0.6928	0.3072	0.7094	0.3585	0.6799
cas_N6512_rdkit_TORSION	0.7000	0.3000	0.7005	0.3828	0.7802
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.5956	0.2696	0.4255	0.1945	0.3086
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6943	0.3057	0.6371	0.2173	0.7435
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7914	0.5621	0.4021
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H	0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9993	0.0007	0.8554	0.6925	0.5051
chrom191%	0.9988	0.0012	0.8569	0.6661	0.5283
chrom1910%	0.9989	0.0011	0.8248	0.6245	0.5256
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8060	0.1940	0.6372	0.2282	0.6902
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7263	0.2737	0.6979	0.3709	0.7511
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.5228	0.4976	0.3306
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7880	0.1060	0.5376	0.6621	0.3273
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4762	0.3492	0.4499	0.1693	0.7574
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.0200	0.1307	0.0167	-0.0421	0.3622
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.5862	0.4138	0.5370	0.0543	0.8679
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7419	0.1720	0.6847	0.5804	0.4082
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7764	0.2236	0.7764	0.5529	0.7067
coupon	0.6617	0.3383	0.6562	0.2596	0.7548
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.0449	0.2729	0.1632	0.0028	0.3114
covtypeCD	0.8633	0.1367	0.4633	0.0000	0.2765
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9994	0.0006	0.9045	0.8082	0.2814
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8829	0.0390	0.7753	0.7533	0.3493
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.2812	0.0359	0.1915	0.2633	0.0943
customer-churn	0.9786	0.0214	0.5365	0.0161	0.2720
cybersecurity	0.1633	0.2789	0.0468	0.0000	0.4027
cyclopentane	0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve	0.6923	0.3077	0.4091	-0.1304	0.5140
dating	0.1100	0.1780	0.1067	0.0115	0.8070
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8153	0.1847	0.6874	0.3004	0.5899
defect	0.8889	0.1111	0.7656	0.4511	0.3846
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8987	0.1013	0.7271	0.4462	0.6134
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.3639	0.1351	0.4618
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5000	0.3333	0.4598	0.2000	0.3773
DIA	0.7333	0.2667	0.5774	0.1351	0.8182
diabetes	0.8077	0.1923	0.8003	0.5608	0.5312
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.8518	0.1482	0.7509	0.4840	0.6138
diabetic1%	0.4216	0.3856	0.3443	0.0515	0.6591
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9859	0.9770	0.0306
diamonds_all	0.0298	0.3881	0.0116	0.0000	0.3909
dishonest	0.9062	0.0938	0.9076	0.7983	0.3833
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5612	0.4388	0.5609	0.1218	0.9590
drebin	0.9281	0.0719	0.9298	0.8514	0.3236
dropout	0.7585	0.1610	0.6844	0.5936	0.4590
drug-01	0.4096	0.1687	0.1337	0.0660	0.5462
drug-02	0.5000	0.1429	0.2046	0.1003	0.5150
drug-03	0.6809	0.0912	0.1816	0.0050	0.2854
drug-04	0.5160	0.1383	0.2343	0.1184	0.6078
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.2406	0.2580	0.5488
drug-07	0.4628	0.1535	0.1409	0.0746	0.3253
drug-08	0.5585	0.1261	0.2247	0.1270	0.4421
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.2430	0.1600	0.4112
drug-11	0.8404	0.0456	0.1305	-0.0126	0.2510

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6064	0.1125	0.1727	0.2502	0.3833
drug-14	0.5904	0.1170	0.2562	0.2776	0.4420
drug-15	0.7553	0.0699	0.1550	0.0757	0.2786
drug-16	0.6064	0.1125	0.2715	0.3557	0.4006
drug-17	0.3670	0.1809	0.1674	0.1203	0.5023
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7553	0.0699	0.1229	-0.0184	0.3827
drybean	0.9037	0.0275	0.9277	0.8837	0.1246
ecoli	0.9118	0.0294	0.9235	0.8778	0.1118
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.2358	-0.0112	0.7472
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6469	0.3531	0.6387	0.2701	0.8725
eeg10%	0.3283	0.0840	0.3587	0.2588	0.6684
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.1918	0.3233	0.2268	0.0171	0.3913
euthyroid	0.5696	0.4304	0.6578	0.1688	0.3906
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.7036	0.2964	0.7366	0.4201	0.6635
fakenews	0.5350	0.4650	0.5372	0.0721	0.9658
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9216	0.0784	0.9251	0.8391	0.2605
financial-risk	0.6125	0.1292	0.5277	0.4144	0.4971
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8846	0.0577	0.8629	0.8393	0.1469
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.1875	0.5417	0.1176	-0.0505	0.4765
gender	0.6042	0.2639	0.3829	0.1504	0.5089
gene	0.9054	0.0631	0.8963	0.8503	0.2496
german	0.6100	0.3900	0.5629	0.1256	0.9299
gestures	0.3587	0.3206	0.3721	0.1450	0.7580
gina	0.8156	0.1844	0.8330	0.6333	0.5087
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7143	0.0952	0.5013	0.5882	0.2831
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP	0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.6000	0.2667	0.7179	0.4444	0.3500
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.2667	0.3667	0.1053	0.0000	0.3898
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har	0.7064	0.1174	0.7017	0.6285	0.4324
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7473	0.0722	0.4082	0.5948	0.2947
har7010%	0.7494	0.0716	0.4082	0.5979	0.2298
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.6484	0.0586	0.2143	0.4935	0.2651
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.2500	0.5000	0.2837	-0.2075	0.7329
hcc-survival	0.6471	0.3529	0.7330	0.3544	0.5211
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9090	0.8018	0.3261
heart-failure	0.8320	0.1680	0.8019	0.6032	0.6324
heart-quantum	0.9400	0.0600	0.9374	0.8740	0.2972
hepatitis	0.7333	0.2667	0.5833	0.1667	0.8271
hepmass1%	0.8371	0.1629	0.8371	0.6743	0.5893
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6564	0.3436	0.6536	0.3035	0.8668
higgs1%	0.6395	0.3605	0.6366	0.2660	0.8770
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0714	0.2321	0.0357	-0.0581	0.4322
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9106	0.0894	0.8464	0.6922	0.5293
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5833	0.2778	0.5454	0.3112	0.6327
hotel-reservartions	0.7415	0.2585	0.7188	0.4349	0.7727
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5370	0.3086	0.5383	0.3053	0.7015
htru2	0.9765	0.0235	0.9259	0.8436	0.1437
hypothyroid	0.9204	0.0398	0.3849	0.2531	0.1747
hypothyroidT	0.9496	0.0504	0.7956	0.4928	0.1391
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.8920	0.0540	0.9019	0.8560	0.1743
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8154	0.1846	0.6294	0.1847	0.6292
jvowels	0.9277	0.0161	0.9227	0.9181	0.1086
kc1	0.8483	0.1517	0.6625	0.3052	0.6871
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.5385	0.1846	0.2992	0.2200	0.4964
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.8305	0.1130	0.7834	0.7193	0.2373
kidney	0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2717	0.0809	0.2255	0.1726	0.5759
krvskp	0.9404	0.0596	0.9420	0.8811	0.2805
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8529	0.0128	0.8840	0.8456	0.0455
led24	0.4000	0.1200	0.3500	0.3277	0.2389
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.6930	0.0236	0.6979	0.6807	0.2860
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.7222	0.0370	0.7305	0.7020	0.1197
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9981	0.0019	0.9022	0.7868	0.4689
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9508	0.0492	0.9487	0.8965	0.2762
localization	0.2633	0.1339	0.0774	-0.0252	0.4207
localization10%	0.2549	0.1355	0.0707	-0.0219	0.4211
lrs	0.8113	0.0539	0.5936	0.7412	0.1764
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.5000	0.3333	0.7538	0.2283	0.2447
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.6385	0.3615	0.6386	0.2769	0.8914
magic04	0.7754	0.2246	0.7440	0.4765	0.7062
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.4792	0.5208	0.6026	0.0184	0.5305
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6337	0.2442	0.6336	0.4321	0.5205
math	0.1250	0.4375	0.0966	-0.1466	0.4092
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.5833	0.2083	0.4917	0.4444	0.2533
mental-health	0.2167	0.3133	0.1218	0.0160	0.5381
messidor	0.6957	0.3043	0.7046	0.3988	0.7954
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.5576	0.6018	0.2237
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.7750	0.0450	0.7796	0.7500	0.1881
mfeat-kar	0.9750	0.0050	0.9752	0.9722	0.0315
mfeat-mor	0.7300	0.0540	0.7356	0.7000	0.1746
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.7900	0.0420	0.8008	0.7667	0.1453
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8019	0.1321	0.7905	0.6980	0.3935
mines	0.4706	0.2118	0.4670	0.3377	0.4639
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4650	0.0973	0.4641	0.3550	0.5735
musk	0.9288	0.0712	0.8524	0.6831	0.3424
MUT_ci300400a_cdk_ECFP2	0.7686	0.2314	0.7675	0.4947	0.6134
MUT_ci300400a_cdk_ECFP4	0.7569	0.2431	0.7577	0.4646	0.6068
MUT_ci300400a_cdk_ECFP6	0.7569	0.2431	0.7474	0.4927	0.7412
MUT_ci300400a_cdk_ESTATE	0.6763	0.3237	0.6624	0.2809	0.7642
MUT_ci300400a_cdk_EXTENDED	0.7950	0.2050	0.7893	0.5786	0.6801
MUT_ci300400a_cdk_FCFP2	0.7629	0.2371	0.7559	0.5118	0.7356
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.7314	0.2686	0.7296	0.4060	0.6530
MUT_ci300400a_cdk_PUBCHEM	0.6874	0.3126	0.6935	0.2885	0.6140
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.7293	0.2707	0.7323	0.4084	0.6446
myocardial	0.0529	0.2368	0.1904	0.0357	0.2341
naticusdroid	0.9233	0.0767	0.9263	0.8465	0.3160
NCI60	0.6667	0.1111	0.6222	0.6000	0.1039
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.8965	0.1035	0.5721	0.0850	0.5612
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6461	0.3539	0.6434	0.2862	0.8845
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7397	0.2603	0.6685	0.1217	0.4158
NPHA-doctor-visits	0.5000	0.3333	0.3157	-0.0031	0.5510
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1280	0.2492	0.0384	-0.0022	0.4300
obs	0.8241	0.0880	0.8628	0.7371	0.2568
occupancy	0.9844	0.0156	0.9790	0.9572	0.1610
Occupancy_Estimation	0.9812	0.0094	0.9478	0.9417	0.0466
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9298	0.0156	0.9140	0.9129	0.0503
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9093	0.0181	0.9212	0.8992	0.0959
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9415	0.0234	0.6650	0.6288	0.4180

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.6493	0.3507	0.6492	0.0915	0.4808
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.9034	0.0966	0.8786	0.7566	0.4591
particle10%	0.8992	0.1008	0.8749	0.7499	0.4805
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8816	0.1184	0.8335	0.6538	0.4856
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.8963	0.0207	0.8981	0.8847	0.1292
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.3571	-0.2000	0.9762
persistency	0.8134	0.1866	0.8025	0.6048	0.6527
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.8750	0.1250	0.8560	0.7095	0.5120
phishing	0.9551	0.0449	0.9533	0.9063	0.2564
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7685	0.2315	0.7028	0.4029	0.7639
phy	0.7038	0.2962	0.7039	0.4077	0.8158
pima	0.7105	0.2895	0.6923	0.3323	0.7052
pirvision	0.9719	0.0187	0.9491	0.9077	0.1077
placement	0.7890	0.2110	0.7852	0.5699	0.6885
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4946	0.1444	0.1252	-0.0066	0.2376
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.5978	0.0332	0.2464
polish-5th	0.9306	0.0694	0.6122	0.1119	0.4175
polya	0.7827	0.2173	0.7573	0.5105	0.7068
popularity	0.6573	0.2285	0.4356	0.1924	0.5539
post-operative	0.6667	0.2222	0.3967	0.1818	0.4399
postures	0.7817	0.0873	0.7837	0.7272	0.3074
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6933	0.3824	0.8214
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.4323	0.4095	0.2321
processed	0.9786	0.0214	0.9755	0.9503	0.1157
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.5000	0.5000	0.6454	0.1379	0.5302
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.8163	0.0735	0.7450	0.7499	0.2450
puc-rio10%	0.8171	0.0731	0.7284	0.7513	0.2417
pufs-1281%	0.4883	0.5117	0.4883	-0.0233	1.0000
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5025	0.4975	0.5025	0.0050	0.9975

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-641%	0.4975	0.5025	0.4975	-0.0050	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9729	0.0271	0.9145	0.8157	0.1259
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5936	0.4064	0.5322	0.0184	0.6735
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8351	0.0550	0.7964	0.7954	0.2080
satimageF	0.9798	0.0202	0.9461	0.8896	0.1561
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.5455	0.6111	0.0986
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5425	0.4575	0.5894	0.1376	0.8184
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9271	0.9038	0.0834
segmentation	0.8366	0.1634	0.8190	0.6360	0.6025
segmentO	0.9870	0.0130	0.9745	0.9489	0.1700
seismic	0.9225	0.0775	0.6851	0.3703	0.6353
semeion	0.9560	0.0440	0.8819	0.7633	0.4382
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8609	0.1391	0.4626	-0.0102	0.4516
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-8-gram	0.8711	0.1289	0.6186	0.1348	0.5175
sens-9-gram	0.8605	0.1395	0.5188	0.0127	0.5424
sensorless	0.8410	0.0289	0.8407	0.8251	0.1497
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8921	0.1079	0.7632	0.4909	0.5061
shuttle	0.9414	0.0167	0.5959	0.8222	0.2469
sick	0.9496	0.0504	0.7711	0.5322	0.5020
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9336	0.0664	0.9055	0.8081	0.4223
skin10%	0.9314	0.0686	0.9010	0.8001	0.4295
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2200	0.3900	0.1401	-0.0541	0.5918
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.7454	0.2546	0.7399	0.4741	0.7497
soil_pollution	0.2067	0.3173	0.1533	0.0117	0.6409
solar-flare	0.6691	0.1103	0.4455	0.5675	0.1476
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.4118	0.0619	0.5048	0.3721	0.2194
spam-detection	0.9465	0.0535	0.8321	0.6625	0.4755
spambase	0.8370	0.1630	0.8391	0.6700	0.5746
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7714	0.2286	0.6898	0.3171	0.6470

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectrometer	0.6346	0.0271	0.4976	0.6127	0.1157
splice-EI	0.9432	0.0568	0.9303	0.8566	0.3541
splice-IE	0.9085	0.0915	0.8728	0.7456	0.4757
sport-articles	0.8300	0.1700	0.8162	0.6115	0.5454
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.4198	0.3868	0.5335	0.1833	0.5590
steel-b	0.8051	0.1949	0.6809	0.3555	0.7407
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9744	0.0256	0.9601	0.9191	0.1618
steel-o	0.7538	0.2462	0.7154	0.3962	0.6954
steel-p	0.9282	0.0718	0.7214	0.4253	0.5579
steel-s	0.9795	0.0205	0.8697	0.7393	0.4154
steel-z	0.9590	0.0410	0.9028	0.7955	0.4463
stellar	0.8551	0.0966	0.8349	0.7269	0.3097
stock	0.9167	0.0833	0.8487	0.6800	0.3916
stockb	0.9031	0.0646	0.9064	0.8547	0.1787
streaming	0.8040	0.1960	0.8019	0.6037	0.6593
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5750	0.1700	0.3231	0.3381	0.4434
student-depression	0.8351	0.1649	0.8289	0.6555	0.5913
student-habits	0.0500	0.3800	0.0384	-0.0054	0.4846
student-weekend	0.3692	0.2523	0.2257	0.1848	0.4368
student-workday	0.1406	0.3438	0.2184	0.0435	0.2661
studentap	0.3846	0.4103	0.3089	0.0000	0.5640
susy1%	0.7578	0.2422	0.7663	0.4977	0.6399
susy10%	0.7622	0.2378	0.7706	0.5070	0.6330
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.7528	0.2472	0.7196	0.4289	0.7455
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	0.6841	0.3159	0.7557	0.4135	0.5120
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8990	0.1010	0.8623	0.7242	0.4931
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9036	0.0964	0.8424	0.6393	0.2835
turkish	0.7500	0.1250	0.7540	0.6667	0.2694
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews1%	0.8154	0.1846	0.8127	0.5578	0.3791
tvnews10%	0.7517	0.2483	0.7398	0.3853	0.5225
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7910	0.0464	0.7878	0.7545	0.1626
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7262	0.1369	0.7037	0.6347	0.2377
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.7500	0.2500	0.7044	0.4000	0.7643
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5758	0.0771	0.5916	0.5333	0.2180
vowelZ	0.9394	0.0606	0.8755	0.7179	0.5000
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1796	0.2344	0.0435	0.0000	0.3964
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.3260	0.4493	0.1639	0.0000	0.4176
weather-related	0.8846	0.0210	0.9106	0.8687	0.0911
web-phishing	0.7778	0.1481	0.5430	0.5897	0.5201
Weekly	0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.6667	0.2500	0.0000	0.5000
wifi-loc	0.9700	0.0150	0.9716	0.9600	0.0562
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5786	0.1405	0.2713	0.3195	0.4738
winequality-white	0.5112	0.1396	0.2643	0.2317	0.5220
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5203	0.0959	0.3786	0.3906	0.4318
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 469: Detailed results for SMDA

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.7775	0.2225	0.4374	-0.0141	0.0779
abalone9-18	0.8904	0.1096	0.7218	0.3800	0.5534
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.5278	0.4722	0.4808	-0.0268	0.6304
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.4286	0.5714	0.3000	-0.2727	0.6435
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.5000	0.5000	0.5952	0.1379	0.7345
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.5352	0.4648	0.5771	0.1231	0.7568
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.1573	0.3371	0.3603	0.0632	0.4344
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.6592	0.3408	0.6328	0.0309	0.0658
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.3725	0.6275	0.6112	0.0906	0.3498
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.7051	0.2949	0.7178	0.2954	0.4613
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.6207	0.3793	0.6196	0.2387	0.9091
autos	0.3500	0.2600	0.2037	0.1613	0.4808
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.7581	0.1613	0.6843	0.6154	0.3564
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	0.7600	0.2400	0.7493	0.4643	0.6567
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.6476	0.3524	0.6212	0.2420	0.8922
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.4545	0.5455	0.3125	0.0000	0.5306
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.5455	0.1515	0.5015	0.4608	0.2148
bridges	0.3000	0.2333	0.1000	0.0000	0.4361
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.6667	0.3333	0.4000	-0.0638	0.7775
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.5345	0.2328	0.3075	0.2132	0.4871
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.5942	0.4058	0.5572	0.0895	0.8658
cardiotocography	0.2723	0.1455	0.2638	0.1666	0.4912
cardiotocography-nsp	0.8028	0.1315	0.6021	0.3555	0.4011
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.5250	0.3167	0.4541	0.2650	0.5560
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.1163	0.8837	0.5307	0.0073	0.1827
cervical-C	0.8372	0.1628	0.5283	0.0490	0.5593
cervical-H	0.5581	0.4419	0.5816	0.0566	0.2649
cervical-S	0.4070	0.5930	0.5409	0.0335	0.3878
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9612	0.0388	0.6751	0.0550	0.0800
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.7771	0.2229	0.5921	0.1467	0.5654
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.4737	0.5263	0.4526	-0.0945	0.9963
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.5952	0.2698	0.5252	0.1418	0.4948
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.6852	0.3148	0.4899	-0.0132	0.4895
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4218	0.3855	0.4213	0.1127	0.7488
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.9221	0.0779	0.8997	0.7975	0.3857
collins	0.0200	0.1307	0.0026	0.0000	0.4026
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6552	0.3448	0.5841	0.1570	0.8836
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.5862	0.4138	0.5542	0.1031	0.8707
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5862	0.4138	0.6117	0.1512	0.7438
colposcopies-c	0.8276	0.1724	0.7526	0.3777	0.3360
column-2c	0.7097	0.2903	0.7185	0.4126	0.7418
column-3c	0.3871	0.4086	0.4585	0.1248	0.5701
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.4952	0.5048	0.3312	0.0000	0.5289
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.7778	0.2222	0.8000	0.5263	0.4308
cultivars	0.0625	0.0469	0.0368	0.0523	0.2629
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.7902	0.2098	0.5531	0.0991	0.7998
dermatology	0.2162	0.2613	0.1890	-0.0085	0.5512
desharnais	0.3750	0.4167	0.2222	-0.0526	0.4205
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.6154	0.3846	0.6630	0.2818	0.7685
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.5167	0.2417	0.6230	0.3675	0.4177
diamonds_all	0.7145	0.1142	0.6883	0.5911	0.3678
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.3228	0.4515	0.1627	0.0000	0.3888
drug-01	0.1383	0.2462	0.1687	0.0272	0.7901
drug-02	0.3457	0.1869	0.1531	0.0731	0.7512
drug-03	0.0904	0.3032	0.1521	0.0043	0.6387
drug-04	0.3404	0.1885	0.2017	0.1263	0.7121
drug-05	0.3138	0.1960	0.1169	-0.0021	0.4878
drug-06	0.3564	0.1839	0.2849	0.2234	0.6677
drug-07	0.3245	0.2252	0.1770	0.0450	0.6895
drug-08	0.3457	0.1869	0.1443	0.0762	0.7884
drug-09	0.4149	0.1950	0.2039	0.0648	0.4754
drug-10	0.3457	0.1869	0.1913	0.1213	0.6859
drug-11	0.5160	0.1383	0.1673	0.0735	0.6026
drug-12	0.4202	0.1657	0.1451	0.0858	0.5637

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-13	0.4309	0.1626	0.2323	0.1865	0.7010
drug-14	0.3670	0.1809	0.2242	0.1249	0.6635
drug-15	0.4096	0.1687	0.1555	0.1016	0.7090
drug-16	0.2872	0.2036	0.3042	0.1487	0.6286
drug-17	0.2287	0.2204	0.2319	0.0965	0.7630
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.3777	0.1778	0.1841	0.1034	0.6275
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	0.6818	0.3182	0.6716	0.1538	0.4644
ecoliM	0.7576	0.2424	0.7588	0.4741	0.6497
ecoliMU	0.6667	0.3333	0.6084	0.1418	0.5012
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2600	0.3700	0.2015	0.0145	0.6901
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.3562	0.2575	0.3483	0.1846	0.5496
euthyroid	0.6994	0.3006	0.5527	0.0807	0.5850
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.3922	0.6078	0.3987	-0.1950	1.0000
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8125	0.0625	0.8615	0.7725	0.1193
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.5769	0.2115	0.5706	0.4151	0.3349
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5389	0.3074	0.3278	0.0105	0.6796
gene	0.2524	0.4984	0.1343	0.0000	0.4017
german	0.6200	0.3800	0.3827	-0.0585	0.7668
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.4286	0.1905	0.2453	0.1399	0.3057
glass-g2	0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP	0.6190	0.3810	0.7200	0.3226	0.5283
glassBWNFP	0.7143	0.2857	0.7361	0.4375	0.7044
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.7727	0.2273	0.7019	0.2254	0.3467
glassVWFP	0.2381	0.7619	0.5625	0.0233	0.1510
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.6310	0.3690	0.6220	0.2439	0.9009
green	0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage	0.2667	0.3667	0.2597	0.0351	0.5805
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.1840	0.3264	0.0622	0.0000	0.3998
har70	0.0899	0.2600	0.0236	0.0000	0.3023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har701%	0.0898	0.2601	0.0235	0.0000	0.3024
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.4375	0.3750	0.5233	0.1000	0.5098
hcc-survival	0.5882	0.4118	0.6071	0.2013	0.8825
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.6667	0.3333	0.6903	0.3554	0.7831
heart-attack	0.7419	0.2581	0.7516	0.4585	0.6428
heart-c	0.5000	0.5000	0.4955	-0.0090	1.0000
heart-failure	0.6900	0.3100	0.5822	0.0266	0.5261
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.1429	0.2143	0.0653	-0.0244	0.3685
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.4407	0.5593	0.6370	0.1358	0.5032
immuno-therapy	0.5556	0.4444	0.6897	0.2500	0.5000
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.4000	0.6000	0.5155	0.0187	0.7605
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.7600	0.2400	0.7645	0.5223	0.7155
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.8531	0.1469	0.6523	0.2484	0.6183
kc1-class-level-defectiveornot	0.8000	0.2000	0.8077	0.5455	0.4011
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krvskp	0.5549	0.4451	0.5901	0.1348	0.8110
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.5000	0.5000	0.6604	0.1818	0.5239
leaf	0.2647	0.0639	0.1225	0.2245	0.2257
led24	0.2500	0.1500	0.1892	0.1690	0.3000
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.1944	0.1074	0.1530	0.1365	0.3514
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.3529	0.6471	0.5854	0.0286	0.5000
loan	0.6206	0.3794	0.6254	0.2425	0.8723
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.4906	0.1456	0.3928	0.2380	0.3284
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.0000	0.2857	0.0000	-0.0847	0.4484
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9362	0.0638	0.9369	0.8705	0.3095
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.7396	0.2604	0.7383	0.4764	0.7666
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.5347	0.3102	0.5287	0.2664	0.5286
math	0.2250	0.3875	0.1509	-0.0256	0.5314
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.4167	0.2917	0.2767	0.2222	0.4184
mental-health	0.1800	0.3280	0.1013	-0.0278	0.5557
messidor	0.4435	0.5565	0.5952	0.0134	0.5298
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.5000	0.2500	0.6101	0.3077	0.3097
meter-D	0.6667	0.1667	0.5611	0.5263	0.2736
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.6100	0.0780	0.5608	0.5667	0.2350
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.3850	0.1230	0.3991	0.3167	0.4559
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.8679	0.0881	0.8770	0.8016	0.2737
mines	0.4118	0.2353	0.4026	0.2657	0.4092
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.6182	0.3818	0.6228	0.2315	0.8758
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.8282	0.1718	0.5121	0.0105	0.6293
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4583	0.3611	0.3497	-0.0211	0.7363
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.3241	0.3380	0.3878	0.1832	0.4199
occupancy	0.9723	0.0277	0.9622	0.9236	0.2329
Occupancy_Estimation	0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.7544	0.0546	0.6937	0.6995	0.2112
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.5833	0.4167	0.3684	-0.0166	0.6171
parkinsons	0.5498	0.4502	0.5555	0.1067	0.9269

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.3684	0.6316	0.6069	0.0806	0.4770
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.1028	0.1794	0.0186	0.0000	0.4062
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6350	0.3650	0.5425	0.0790	0.9139
phishing	0.6000	0.4000	0.6355	0.2422	0.8230
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.6907	0.3093	0.7483	0.4170	0.5949
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.6316	0.3684	0.5923	0.1713	0.8882
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5789	0.4211	0.6481	0.1163	0.5164
plrx	0.5000	0.5000	0.4121	-0.1739	0.9401
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6331	0.2059	0.7633
prestige	0.4444	0.3704	0.2667	0.1176	0.2918
primary-tumor	0.0909	0.1399	0.0231	0.0313	0.3150
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.5522	0.4478	0.5040	0.0079	0.9519
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.8556	0.1444	0.8629	0.7111	0.4841
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.5225	0.4775	0.5255	0.0498	0.9624
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.2271	0.2576	0.0617	0.0000	0.3819
satimageF	0.8911	0.1089	0.4712	0.0000	0.2371
satimageT	0.1011	0.8989	0.0918	0.0000	0.2389
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6294	0.2353	0.8487
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.3680	0.1806	0.3129	0.2633	0.4310
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	0.6407	0.3593	0.7101	0.2879	0.4746
seismic	0.8527	0.1473	0.6455	0.2529	0.5841
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.1711	0.8289	0.4956	-0.0015	0.3567
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.6000	0.4000	0.6774	0.2000	0.5164
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9187	0.0813	0.9019	0.7843	0.4272
smarket	0.9520	0.0480	0.9520	0.9039	0.2584
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.0719	0.3094	0.0227	-0.0222	0.4310
sonar	0.5000	0.5000	0.5000	0.0000	0.8251
soybean	0.1471	0.0898	0.1738	0.1173	0.2013
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.3957	0.6043	0.2835	0.0000	0.5229
spect	0.6296	0.3704	0.7228	0.3284	0.5170
spectf	0.4000	0.6000	0.6180	0.0982	0.4944
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.7400	0.2600	0.7097	0.3951	0.7332
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	0.6000	0.2667	0.2500	0.0000	0.2500
startup	0.5591	0.4409	0.4483	-0.0891	0.9713
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.4974	0.5026	0.6453	0.1781	0.5400
steel-d	0.7692	0.2308	0.6502	0.1344	0.2826
steel-k	0.8462	0.1538	0.7369	0.3627	0.4136
steel-o	0.5897	0.4103	0.6656	0.2630	0.7074
steel-p	0.4308	0.5692	0.6200	0.0913	0.2837
steel-s	0.4462	0.5538	0.6103	0.0566	0.1736
steel-z	0.5795	0.4205	0.6553	0.1693	0.4023
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.8634	0.0910	0.8697	0.7952	0.2166
streaming	0.8280	0.1720	0.8280	0.6546	0.6072
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.2300	0.3080	0.1139	-0.0322	0.4947
student-weekend	0.2154	0.3138	0.1079	-0.0763	0.5182
student-workday	0.3750	0.2500	0.2264	0.0303	0.4410
studentap	0.4615	0.3590	0.4331	0.1250	0.3871
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4000	0.4000	0.4727	0.1000	0.6236
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.6579	0.3421	0.4838	-0.0249	0.8921
tic-tac-toe	0.6737	0.3263	0.6493	0.2966	0.8515
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8045	0.1955	0.7659	0.5035	0.6137
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.5882	0.4118	0.4903	-0.0171	0.9466
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.4750	0.2625	0.4159	0.3000	0.5359
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_grip	0.6680	0.3320	0.5149	0.0100	0.2484
ur3_cobotops_stop	0.9279	0.0721	0.5164	0.0328	0.6068
urban	0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.2976	0.3512	0.3725	0.1161	0.5075
vehicleVAN	0.5238	0.4762	0.6773	0.2233	0.5052
voice	0.5000	0.5000	0.6604	0.1818	0.5239
vote	0.8605	0.1395	0.8604	0.7208	0.5361
vowel	0.3030	0.1267	0.1672	0.2333	0.2899
vowelZ	0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.7111	0.1926	0.5026	0.4730	0.6178
Weekly	0.4074	0.5926	0.3856	-0.0827	0.8387
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.1667	0.8333	0.1429	-0.3636	0.9257
wifi-loc	0.6300	0.1850	0.6183	0.5067	0.4386
wilt	0.1201	0.8799	0.5318	0.0079	0.1387
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.3648	0.2117	0.1483	0.0802	0.4203
winequality-white	0.1145	0.2530	0.1025	0.0329	0.5062
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.4561	0.5439	0.5345	0.0485	0.8216
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.3851	0.1230	0.1723	0.2237	0.4453
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.8176	0.1824	0.6957	0.1898	0.2888
yeastME1	0.9257	0.0743	0.7638	0.3952	0.4565
yeastME2	0.9257	0.0743	0.4807	-0.0356	0.6620
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 470: Detailed results for SNN

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1614	0.0799	0.1014	0.0696	0.4797
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9634	0.0366	0.9213	0.8297	0.1164
adult	0.8391	0.1609	0.7621	0.5162	0.6418
advanced-iot	0.9473	0.0176	0.9536	0.9368	0.0393
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8651	0.1349	0.5176	0.0343	0.7257
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.6944	0.3056	0.5563	0.1000	0.7073
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.8932	0.1068	0.5489	0.0972	0.6859
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.5500	0.4500	0.4886	-0.0227	0.9383
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.7700	0.2300	0.6373	0.2437	0.7494
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8281	0.1719	0.8245	0.6484	0.6102
alcohol	0.7524	0.0990	0.2752	0.3843	0.2494
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.6837	0.3163	0.6310	0.2499	0.8472
anneal	0.9551	0.0180	0.9054	0.9077	0.2364
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.8943	0.0529	0.6273	0.8001	0.2717
anuran-genus	0.9068	0.0233	0.6866	0.8448	0.2221
anuran-species	0.9417	0.0117	0.8820	0.9182	0.1010
anxiety	0.1167	0.1963	0.0990	0.0028	0.7957
apple-quality	0.5850	0.4150	0.5850	0.1700	0.9415
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.9916	0.0084	0.6092	0.1412	0.3814
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.6000	0.0800	0.3110	0.2507	0.2981

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.8529	0.1471	0.5419	0.0614	0.6959
audiology	0.8636	0.0248	0.9131	0.8398	0.0738
audit-risk	0.9103	0.0897	0.9105	0.8051	0.2669
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9310	0.0690	0.9310	0.8619	0.3353
autos	0.6000	0.1600	0.5450	0.4558	0.3593
avila	0.4303	0.0950	0.1722	0.0767	0.5457
babies	0.3710	0.1797	0.1224	0.0025	0.4521
balance	0.8871	0.0753	0.6118	0.7881	0.2080
bank	0.9056	0.0944	0.7456	0.4876	0.6050
banknote	0.7591	0.2409	0.7550	0.5052	0.7269
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8894	0.1106	0.8815	0.7472	0.3796
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.0089	0.9911	0.0088	0.0000	0.0253
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.7619	0.2381	0.7438	0.4503	0.6536
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9854	0.0013	0.0607	0.0001	0.0615
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.4840	0.5160	0.4836	-0.0324	1.0000
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5969	0.5600	0.1943
bridges	0.7000	0.1000	0.6333	0.5714	0.2002
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9565	0.0435	0.9529	0.9013	0.1598
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7471	0.1264	0.4856	0.3659	0.3417
car-insurance	0.7960	0.2040	0.7538	0.5032	0.6984
card	0.8551	0.1449	0.8505	0.6997	0.5480
cardiotocography	0.7230	0.0554	0.6243	0.6641	0.2895
cardiotocography-nsp	0.8732	0.0845	0.7707	0.6456	0.4465
cardiovascular	0.6368	0.3632	0.6404	0.2734	0.8743
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.5750	0.2833	0.3102	0.0569	0.5991
cas_N6512_cdk_ECFP2	0.7435	0.2565	0.7417	0.4834	0.7614
cas_N6512_rdkit_ATOMPAIR	0.6985	0.3015	0.6971	0.3942	0.8235
cas_N6512_RDkit_AtomPair_FP	0.7408	0.2592	0.7386	0.4767	0.7645
cas_N6512_rdkit_AVALON	0.7803	0.2197	0.7790	0.5581	0.7013
cas_N6512_RDkit_Avalon_FP	0.7945	0.2055	0.7940	0.5877	0.6747
cas_N6512_rdkit_descriptors	0.6969	0.3031	0.6968	0.3930	0.8232
cas_N6512_rdkit_FEATMORGAN	0.7327	0.2673	0.7308	0.4616	0.7774
cas_N6512_RDkit_Featmorgan_FP	0.7362	0.2638	0.7345	0.4690	0.7722
cas_N6512_RDkit_FP	0.7209	0.2791	0.7203	0.4403	0.7923
cas_N6512_rdkit_LAYERED	0.7462	0.2538	0.7453	0.4904	0.7563
cas_N6512_RDkit_Layered_FP	0.7393	0.2607	0.7370	0.4734	0.7667
cas_N6512_rdkit_MACCS	0.7158	0.2842	0.7136	0.4272	0.8012
cas_N6512_RDkit_MACCS_FP	0.7439	0.2561	0.7432	0.4860	0.7595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.7738	0.2262	0.7720	0.5434	0.7111
cas_N6512_RDkit_morgan_FP	0.7561	0.2439	0.7550	0.5100	0.7413
cas_N6512_rdkit_PATTERN	0.7600	0.2400	0.7591	0.5181	0.7347
cas_N6512_RDkit_pattern_FP	0.7515	0.2485	0.7513	0.5020	0.7466
cas_N6512_rdkit_RDKITFP	0.7573	0.2427	0.7562	0.5123	0.7395
cas_N6512_rdkit_TORSION	0.7154	0.2846	0.7136	0.4272	0.8017
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9533	0.0467	0.4880	-0.0138	0.5532
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7927	0.2073	0.7715	0.5428	0.6983
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9601	0.0399	0.7523	0.5038	0.5494
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9483	0.0517	0.5970	0.1298	0.4948
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9432	0.0568	0.7499	0.4986	0.5695
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7933	0.5841	0.5676
cervical-C	0.9070	0.0930	0.4756	-0.0456	0.6842
cervical-H	0.9186	0.0814	0.7387	0.4245	0.5608
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.7610	0.1195	0.7600	0.6446	0.3512
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9965	0.0035	0.4991	-0.0016	0.3963
chrom1910%	0.9984	0.0016	0.5630	0.1242	0.5358
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9277	0.0723	0.6909	0.1332	0.1784
churn	0.8030	0.1970	0.6149	0.1414	0.6115
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6842	0.3158	0.6522	0.2987	0.8482
circles	0.8360	0.0033	0.8488	0.8343	0.0510
cirrhosis	0.6905	0.2063	0.4569	0.3592	0.4339
cjs	0.9321	0.0226	0.9292	0.9168	0.0607
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7574	0.1213	0.4558	0.5979	0.2858
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4694	0.3537	0.4459	0.1604	0.7710
cnae-9	0.8519	0.0329	0.8552	0.8333	0.1510
codon_usage	0.0138	0.1793	0.0025	0.0000	0.3570
coil20	0.7847	0.0215	0.7663	0.7734	0.0849
college	0.9481	0.0519	0.9345	0.8690	0.3129
collins	0.5400	0.0613	0.3017	0.4848	0.1699
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5172	0.4828	0.4025	-0.1802	1.0000
colposcopies-2	0.6207	0.3793	0.5402	0.0420	0.7669
colposcopies-3	0.6207	0.3793	0.5909	0.1671	0.8893
colposcopies-4	0.7241	0.2759	0.5767	0.1008	0.7373
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.7419	0.2581	0.6806	0.2994	0.6770
column-3c	0.7097	0.1935	0.6499	0.5303	0.4648
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
comedy_comparisons10%	0.5173	0.4827	0.3409	0.0000	0.5256
connect-4	0.9661	0.0226	0.6673	0.5177	0.5283
cottonmeloidogyne	0.7668	0.2332	0.7679	0.5340	0.7177

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
coupon	0.6901	0.3099	0.6812	0.3613	0.8367
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.6790	0.0917	0.4790	0.4631	0.3652
covtypeCD	0.9016	0.0984	0.7641	0.5094	0.5417
covtypeT	0.9200	0.0800	0.6912	0.3824	0.6359
crabs	0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans	0.9961	0.0039	0.6081	0.2011	0.4847
creditcard_trans10%	0.9958	0.0042	0.5759	0.1409	0.4687
crowdsourced	0.8249	0.0584	0.5228	0.6016	0.2858
cryotherapy	0.7778	0.2222	0.8000	0.5263	0.4308
cultivars	0.2500	0.0375	0.1506	0.2305	0.1006
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.1780	0.0075	0.8563
cyclopentane	0.7778	0.2222	0.7814	0.5345	0.6228
cylinder-bands	0.6481	0.3519	0.6424	0.2845	0.8824
darwin	0.7222	0.2778	0.7358	0.4444	0.7161
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dating	0.0974	0.1805	0.0984	-0.0033	0.8968
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8020	0.1980	0.6562	0.2098	0.5727
defect	0.8488	0.1512	0.6398	0.1760	0.5372
dementia	0.9700	0.0300	0.9701	0.9400	0.1804
deposit	0.8872	0.1128	0.6772	0.3353	0.6382
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.4242	0.2000	0.5046
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5625	0.2917	0.4330	0.3000	0.4172
DIA	0.7833	0.2167	0.6817	0.3500	0.7451
diabetes	0.7885	0.2115	0.7847	0.5654	0.6841
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.8139	0.1861	0.6740	0.3241	0.7037
diabetic1%	0.4118	0.3922	0.3289	-0.0192	0.8224
diabetic10%	0.5648	0.2901	0.4209	0.1544	0.6425
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.7833	0.1083	0.7646	0.6952	0.2579
diamonds_all	0.5406	0.1838	0.4011	0.3185	0.4973
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9971	0.0029	0.5753	0.0525	0.2553
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5583	0.4417	0.5526	0.1016	0.9523
drebin	0.9554	0.0446	0.9520	0.9035	0.2408
dropout	0.7269	0.1821	0.6292	0.5268	0.4933
drug-01	0.4043	0.1702	0.1361	0.0331	0.4303
drug-02	0.5160	0.1383	0.1382	0.0831	0.4325
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5000	0.1429	0.0995	0.0175	0.4563
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4043	0.1702	0.2289	0.2385	0.5393
drug-07	0.4894	0.1702	0.1801	0.1226	0.3456
drug-08	0.5532	0.1277	0.1361	0.0732	0.3488

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1458	0.1142	0.4095
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6064	0.1125	0.1661	0.2072	0.3365
drug-14	0.5532	0.1277	0.1484	0.1119	0.3985
drug-15	0.7500	0.0714	0.1236	0.0290	0.2689
drug-16	0.5745	0.1216	0.1786	0.2319	0.3268
drug-17	0.3777	0.1778	0.1382	0.1262	0.4259
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7606	0.0684	0.1234	-0.0134	0.2600
drybean	0.9082	0.0262	0.9241	0.8889	0.1396
ecoli	0.8529	0.0490	0.8754	0.7932	0.1579
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU	0.8182	0.1818	0.4500	-0.1000	0.7161
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2000	0.4000	0.1941	-0.0699	0.8627
eeg	0.0115	0.1236	0.0014	0.0000	0.3917
eeg-eye	0.5367	0.4633	0.4777	-0.0175	0.7902
eeg10%	0.3299	0.0838	0.3327	0.2541	0.6180
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6301	0.1479	0.6141	0.5279	0.4227
euthyroid	0.9209	0.0791	0.7260	0.3849	0.4451
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8748	0.1252	0.8780	0.7505	0.4784
fakenews	0.5000	0.5000	0.4985	-0.0028	0.9887
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.4959	0.0593	0.4374	0.4153	0.4020
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.4706	0.5294	0.4067	-0.1352	0.9784
financial-risk	0.6155	0.1282	0.2713	0.3216	0.3454
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.8654	0.0673	0.8274	0.8149	0.1888
gas	0.8871	0.0376	0.8790	0.8632	0.1635
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5853	0.2765	0.3414	0.0251	0.4489
gene	0.8896	0.0736	0.8767	0.8244	0.2863
german	0.7400	0.2600	0.6987	0.3795	0.7565
gestures	0.2611	0.3694	0.2624	0.0151	0.8571
gina	0.8905	0.1095	0.8904	0.7809	0.4590
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.5714	0.1429	0.4734	0.3679	0.3084
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.6667	0.3333	0.6689	0.1503	0.4745
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.4000	0.3000	0.4187	0.1818	0.6067
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.9497	0.0084	0.7923	0.9405	0.0496
har	0.4954	0.2018	0.4847	0.3533	0.6455
har70	0.4777	0.1492	0.0924	0.0000	0.2651
har701%	0.7589	0.0689	0.3846	0.6072	0.1534
har7010%	0.7604	0.0685	0.3855	0.6107	0.1499
harth	0.4492	0.0918	0.0517	0.0000	0.2692
harth1%	0.6609	0.0565	0.2319	0.5174	0.2620
harth10%	0.6610	0.0565	0.2314	0.5187	0.2490
hayes-roth	0.5000	0.3333	0.3688	0.1579	0.5727
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8369	0.6723	0.5819
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.8300	0.1700	0.7941	0.5721	0.5892
heart-quantum	0.8200	0.1800	0.8358	0.6457	0.5429
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.7950	0.2050	0.7963	0.5895	0.6644
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.5618	0.4382	0.5544	0.1027	0.9416
higgs1%	0.5605	0.4395	0.5523	0.0945	0.9266
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.2143	0.1964	0.0625	0.0314	0.3312
hinselmann	0.7000	0.3000	0.6098	0.2105	0.7892
hitters	0.8438	0.1562	0.8444	0.6875	0.5712
hiv1-proteasa	0.9022	0.0978	0.8206	0.6398	0.5416
hiva	0.9598	0.0402	0.6549	0.3001	0.5775
horse	0.5833	0.2778	0.5262	0.2742	0.6567
hotel-reservartions	0.8142	0.1858	0.7815	0.5556	0.6466
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.4437	0.3709	0.4312	0.1662	0.7407
htru2	0.9665	0.0335	0.8917	0.7621	0.1544
hypothyroid	0.9257	0.0371	0.4284	0.3178	0.1628
hypothyroidT	0.9337	0.0663	0.7163	0.2280	0.1682
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9600	0.0400	0.9594	0.9188	0.2278
isolet	0.9448	0.0042	0.9460	0.9426	0.0483
jm1	0.8026	0.1974	0.5835	0.1057	0.6623
jvowels	0.8384	0.0359	0.8250	0.8167	0.2042
kc1	0.8531	0.1469	0.6707	0.3167	0.6679
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.6154	0.1538	0.1684	0.1447	0.3257
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.5684	0.0664	0.0558	0.0000	0.1673
kddcup9910%	0.9956	0.0005	0.6548	0.9926	0.0593

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kepler	0.7856	0.1430	0.7148	0.6432	0.3502
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2339	0.0851	0.0971	0.1170	0.5216
krvskp	0.8746	0.1254	0.8763	0.7497	0.4898
la1s-wc	0.2984	0.2339	0.0766	0.0000	0.3659
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0205	0.8007	0.7534	0.0605
led24	0.5500	0.0900	0.5192	0.4972	0.2020
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.6065	0.0303	0.6081	0.5907	0.3393
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8056	0.0259	0.8083	0.7916	0.0767
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9903	0.0097	0.5162	0.0300	0.4431
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.6765	0.3235	0.5565	0.0603	0.7318
loan	0.8244	0.1756	0.8098	0.6143	0.6127
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.4126	0.1068	0.1676	0.1857	0.5102
lrs	0.8491	0.0431	0.6295	0.7899	0.1093
lung	0.7619	0.0952	0.3718	0.3860	0.1774
lung_discrete	0.6250	0.1071	0.3896	0.5102	0.1197
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.3333	0.6667	0.2500	-0.4211	1.0000
lymphography	0.8571	0.0952	0.8917	0.7358	0.2703
lymphoma2	0.6667	0.1111	0.4194	0.5000	0.1576
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5808	0.4192	0.5815	0.1615	0.9405
magic04	0.7391	0.2609	0.6977	0.3629	0.7266
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8432	0.6850	0.5699
marketing	0.8527	0.1473	0.6177	0.1761	0.6274
maternal	0.5644	0.2904	0.5526	0.3282	0.5948
math	0.7250	0.1375	0.4966	0.5528	0.3593
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2167	0.3133	0.2185	0.0171	0.8349
messidor	0.5826	0.4174	0.5795	0.1585	0.9396
meter-A	0.3750	0.6250	0.4248	-0.1111	0.9210
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.8125	0.6070	0.1886
meter-D	0.8889	0.0556	0.7125	0.8421	0.0648
mfeat-fac	0.9600	0.0080	0.9617	0.9556	0.0414
mfeat-fou	0.7950	0.0410	0.7949	0.7722	0.1754
mfeat-kar	0.9550	0.0090	0.9558	0.9500	0.0568
mfeat-mor	0.7150	0.0570	0.7151	0.6833	0.2081
mfeat-pix	0.9750	0.0050	0.9764	0.9722	0.0309
mfeat-zer	0.7500	0.0500	0.7512	0.7222	0.1922
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.7170	0.1887	0.6911	0.5646	0.5130
mines	0.2353	0.3059	0.2060	0.0433	0.7344

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mobile	0.8112	0.0067	0.8194	0.8077	0.0869
monks-1	0.6000	0.4000	0.5996	0.1987	0.9277
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.6071	0.3929	0.6073	0.2052	0.8991
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9816	0.0185	0.9816	0.9630	0.1204
music	0.4394	0.1019	0.4132	0.3064	0.5466
musk	0.8970	0.1030	0.7835	0.5559	0.5485
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.6871	0.3130	0.6753	0.3498	0.8428
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.7674	0.2326	0.7598	0.5193	0.7280
MUT_ci300400a_cdk_FCFP6	0.7686	0.2314	0.7637	0.5270	0.7243
MUT_ci300400a_cdk_MACCS	0.7146	0.2854	0.7020	0.4005	0.8025
MUT_ci300400a_cdk_PUBCHEM	0.8036	0.1964	0.7962	0.5899	0.6568
MUT_ci300400a_cdk_STANDARD	0.7653	0.2347	0.7584	0.5168	0.7317
MUT_ci300400a_rdkit_descriptors	0.7281	0.2719	0.7201	0.4395	0.7870
myocardial	0.8235	0.0441	0.2203	0.2113	0.3558
naticusdroid	0.9427	0.0573	0.9427	0.8854	0.2935
NCI60	0.6667	0.1111	0.6222	0.6000	0.1039
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.8601	0.0147	0.2969	0.5946	0.4412
ncRNA1%	0.8641	0.0143	0.3116	0.6071	0.4106
ncRNA10%	0.8639	0.0143	0.2824	0.6056	0.4175
neo	0.8948	0.1052	0.5393	0.0378	0.5510
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
newspop	0.6370	0.3630	0.6335	0.2638	0.8890
NHANES_age_prediction	0.8767	0.1233	0.7274	0.3854	0.4919
nomao	0.9347	0.0653	0.9205	0.8410	0.3645
NPHA-doctor-visits	0.5139	0.3241	0.3224	0.0051	0.5194
nursery	0.9097	0.0451	0.6921	0.8662	0.1521
obesity	0.5450	0.1300	0.5491	0.4686	0.4196
obs	0.6759	0.1620	0.6787	0.5047	0.4213
occupancy	0.9290	0.0710	0.9041	0.8067	0.4210
Occupancy_Estimation	0.9467	0.0267	0.8255	0.8357	0.1691
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.3587	0.1283	0.3168	0.2604	0.4948
oh5-wc	0.3516	0.1297	0.3252	0.2484	0.4585
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.8947	0.0234	0.8148	0.8686	0.0670
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9342	0.0132	0.9385	0.9268	0.0841
optdigitsZ	0.9822	0.0178	0.9504	0.8976	0.3086
orl	0.8500	0.0075	0.8242	0.8462	0.0248
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8144	0.1856	0.7894	0.5773	0.6574
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8996	0.7943	0.4192
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
page-blocks	0.9196	0.0322	0.4676	0.4557	0.4704
parkinson	0.7500	0.2500	0.7367	0.4657	0.7415
parkinsons	0.6588	0.3412	0.6262	0.2496	0.8811
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.8005	0.1995	0.7346	0.3967	0.5488
particle10%	0.8138	0.1862	0.7536	0.4522	0.5519
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.6214	0.2387	0.6639
pcmac	0.5155	0.4845	0.4948	-0.0103	0.9929
pcos	0.9967	0.0033	0.9949	0.9896	0.0572
pd	0.8947	0.1053	0.8536	0.6863	0.3954
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.8926	0.0215	0.8948	0.8806	0.1366
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
persistency	0.7872	0.2128	0.7696	0.5372	0.6985
personalities	0.9230	0.0096	0.9230	0.9179	0.1212
pet-adoption	0.6750	0.3250	0.5703	0.0399	0.6017
phishing	0.9469	0.0531	0.9442	0.8880	0.2777
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.9936	0.0064	0.9935	0.9870	0.0532
phone-acc0.1%	0.5888	0.1175	0.5686	0.5184	0.4088
phone-acc1%	0.5321	0.1337	0.5261	0.4532	0.4804
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr0.1%	0.4530	0.1563	0.4323	0.3591	0.4952
phone-gyr1%	0.4446	0.1587	0.4350	0.3494	0.5170
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7537	0.2463	0.6858	0.3699	0.7874
phy	0.6040	0.3960	0.6042	0.2076	0.9232
pima	0.6974	0.3026	0.6769	0.2974	0.7169
pirvision	0.0751	0.6166	0.0466	0.0000	0.2413
placement	0.7760	0.2240	0.7703	0.5405	0.7131
plant-growth	0.5789	0.4211	0.5760	0.1364	0.9011
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.5978	0.0332	0.2464
polish-5th	0.9306	0.0694	0.5966	0.0403	0.2959
polya	0.7762	0.2238	0.7498	0.4952	0.7182
popularity	0.6424	0.2384	0.4146	0.1426	0.5398
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.7841	0.0864	0.7853	0.7302	0.3101
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4848	0.0793	0.4107	0.4276	0.2465
processed	0.8147	0.1853	0.7808	0.5570	0.6553
profb	0.7463	0.2537	0.6941	0.3738	0.7632
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.7604	0.0959	0.6653	0.6700	0.3144
puc-rio10%	0.7610	0.0956	0.6447	0.6710	0.3058
pufs-1281%	0.5002	0.4998	0.5002	0.0003	0.9999
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-64	0.5024	0.4976	0.5023	0.0047	0.9963
pufs-641%	0.4850	0.5150	0.4850	-0.0300	1.0000
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9737	0.0263	0.9172	0.8219	0.1237
raisin	0.8778	0.1222	0.8824	0.7556	0.4478
re0-wc	0.4400	0.0862	0.3183	0.3427	0.6293
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.5980	0.4020	0.5478	0.0692	0.8496
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8196	0.0601	0.7804	0.7753	0.2359
satimageF	0.9782	0.0218	0.9418	0.8803	0.1611
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.8571	0.0571	0.7467	0.8056	0.0503
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.5865	0.1280	0.5676
secondary_mushroom	0.7400	0.2600	0.7372	0.4743	0.7675
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.8615	0.0396	0.8704	0.8380	0.1746
segmentation	0.7871	0.2129	0.7619	0.5196	0.6991
segmentO	0.8398	0.1602	0.5155	0.0141	0.6241
seismic	0.9341	0.0659	0.6446	0.2346	0.5292
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8504	0.1496	0.5204	0.0227	0.6527
sens-2-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-3-gram	0.8395	0.1605	0.5693	0.1273	0.7456
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-8-gram	0.8605	0.1395	0.5709	0.0879	0.6168
sens-9-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sensorless	0.7241	0.0502	0.7242	0.6965	0.2227
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8581	0.1419	0.6570	0.1724	0.4522
shuttle	0.9338	0.0189	0.5989	0.7978	0.2806
sick	0.9310	0.0690	0.4821	-0.0051	0.3478
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.6320	0.3680	0.6317	0.2613	0.8939
smart-farming	0.1600	0.4200	0.1557	-0.1230	0.8810
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6926	0.3074	0.6668	0.3335	0.8434
soil_pollution	0.2133	0.3147	0.2188	0.0146	0.8514
solar-flare	0.6115	0.1295	0.5181	0.4975	0.3413
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9265	0.0735	0.7478	0.4801	0.5399
spambase	0.8804	0.1196	0.8752	0.7424	0.4490
spect	0.7407	0.2593	0.5488	0.0870	0.8344
spectf	0.7429	0.2571	0.6732	0.1370	0.4138

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectrometer	0.6923	0.0228	0.6146	0.6747	0.0975
splice-EI	0.9369	0.0631	0.9236	0.8420	0.3752
splice-IE	0.8738	0.1262	0.8196	0.6373	0.5675
sport-articles	0.8600	0.1400	0.8486	0.6857	0.4988
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7257	0.1828	0.6756	0.5590	0.5115
steel-b	0.7897	0.2103	0.6350	0.2533	0.7611
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9641	0.0359	0.9439	0.8868	0.2321
steel-o	0.6974	0.3026	0.6400	0.2550	0.8081
steel-p	0.9128	0.0872	0.5721	0.0815	0.5290
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9128	0.0872	0.7695	0.5369	0.6096
stellar	0.7156	0.1896	0.5512	0.3765	0.2821
stock	0.8889	0.1111	0.7977	0.5874	0.5507
stockb	0.9383	0.0411	0.9408	0.9075	0.1261
streaming	0.7220	0.2780	0.7175	0.4339	0.7922
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5850	0.1660	0.3238	0.3441	0.4504
student-depression	0.8315	0.1685	0.8252	0.6489	0.6022
student-habits	0.4400	0.2240	0.2019	0.1103	0.4561
student-weekend	0.3846	0.2462	0.2659	0.1198	0.6717
student-workday	0.7031	0.1187	0.2619	0.0596	0.3432
studentap	0.3077	0.4615	0.2249	-0.1250	0.6541
susy	0.7207	0.2793	0.7219	0.4233	0.7449
susy1%	0.7200	0.2800	0.7216	0.4216	0.7433
susy10%	0.7195	0.2805	0.7206	0.4210	0.7473
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.3333	0.4444	0.3210	0.0000	0.8375
telco-churn	0.8693	0.1307	0.8239	0.6351	0.5180
texture	0.9600	0.0073	0.9625	0.9559	0.0526
theorem	0.6759	0.3241	0.6594	0.2877	0.7946
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.7053	0.2947	0.6519	0.2970	0.8329
tis	0.8930	0.1070	0.8563	0.7126	0.5176
tis10%	0.8134	0.1866	0.7367	0.4704	0.7021
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7200	0.2800	0.4186	-0.0736	0.7975
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.9798	0.0202	0.9696	0.9386	0.2027
turkish	0.8500	0.0750	0.8605	0.8000	0.1832

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews	0.8627	0.1373	0.8501	0.6983	0.5368
tvnews1%	0.8846	0.1154	0.8750	0.7446	0.4558
tvnews10%	0.8288	0.1712	0.8125	0.6210	0.6093
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8060	0.0431	0.8227	0.7734	0.1625
urinalysis	0.9580	0.0420	0.7788	0.5498	0.4906
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.4405	0.2798	0.4506	0.2616	0.6047
vehicleVAN	0.7619	0.2381	0.6155	0.1111	0.5766
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9535	0.0465	0.9535	0.9069	0.2525
vowel	0.3333	0.1212	0.3290	0.2667	0.3586
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.6923	0.0615	0.7163	0.6579	0.1138
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.4228	0.1649	0.4291	0.3213	0.5410
watch-acc1%	0.4677	0.1521	0.4106	0.3744	0.5240
watch-acc10%	0.5507	0.1284	0.5535	0.4731	0.4995
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.4442	0.1588	0.4466	0.3481	0.4877
watch-gyr10%	0.4525	0.1564	0.4510	0.3589	0.5541
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8680	0.0880	0.8685	0.8021	0.3183
weather-related	0.9115	0.0161	0.9048	0.8994	0.0811
web-phishing	0.7852	0.1432	0.5466	0.6015	0.5088
Weekly	0.7500	0.2500	0.7457	0.4906	0.7514
weight-lift	0.8155	0.0738	0.8059	0.7653	0.2452
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0254
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5094	0.1635	0.2300	0.1877	0.4310
winequality-white	0.4908	0.1455	0.2301	0.1420	0.4027
winnipeg	0.9776	0.0064	0.9689	0.9716	0.0579
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.3750	0.0833	0.3636	0.3333	0.1658
yeast	0.4662	0.1068	0.2729	0.3112	0.4524
yeastCYT-POX	0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9376	0.0125	0.9332	0.9301	0.0969

Table 471: Detailed results for SOMS

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1199	0.0607	0.0326	0.0319	0.4453
abalone19	0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.6000	0.4000	0.6094	0.2000	0.8750
ads	0.9634	0.0366	0.9208	0.8331	0.1869
adult	0.8225	0.1775	0.7255	0.4163	0.6280
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.8532	0.1468	0.8518	0.7029	0.5559
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7349	0.2651	0.7127	0.4251	0.7873
anneal	0.8090	0.0764	0.3776	0.4596	0.1451
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9152	0.0424	0.6514	0.8386	0.2194
anuran-genus	0.9040	0.0240	0.6042	0.8400	0.1283
anuran-species	0.8986	0.0203	0.6446	0.8578	0.1086
anxiety	0.1250	0.1944	0.0872	0.0135	0.6549
apple-quality	0.7825	0.2175	0.7826	0.5650	0.6957
aps-failure	0.9817	0.0183	0.6913	0.3679	0.5083
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arcene	0.6500	0.3500	0.6436	0.2857	0.8745
arrhythmia	0.7111	0.0444	0.3912	0.4667	0.2150
auction	0.8824	0.1176	0.6587	0.2124	0.4896

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.5909	0.0744	0.5012	0.5025	0.1648
audit-risk	0.9231	0.0769	0.9229	0.8339	0.2435
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.6500	0.1167	0.4614	0.5172	0.2249
avila	0.4782	0.0870	0.1784	0.2262	0.3943
babies	0.4194	0.1659	0.1600	0.0834	0.4520
balance	0.8871	0.0753	0.6118	0.7881	0.2080
bank	0.9068	0.0932	0.7355	0.4582	0.5837
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8825	0.1175	0.8711	0.7394	0.4786
basehock	0.8392	0.1608	0.8448	0.6781	0.5405
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8286	0.1714	0.8168	0.6330	0.6190
biomed	0.9048	0.0952	0.8990	0.7981	0.4308
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.5000	0.2500	0.4883	0.3333	0.6159
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5105	0.4895	0.5111	0.0217	0.9848
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9333	0.0667	0.9206	0.8413	0.3601
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8046	0.0977	0.7241	0.5281	0.2751
car-insurance	0.7840	0.2160	0.7459	0.4916	0.7267
card	0.7971	0.2029	0.7929	0.5672	0.6185
cardiotocography	0.6573	0.0685	0.6177	0.5900	0.3676
cardiotocography-nsp	0.8451	0.1033	0.7130	0.5233	0.3593
cardiovascular	0.6417	0.3583	0.6421	0.2834	0.8864
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0098
cars	0.6500	0.2333	0.4660	0.3212	0.6183
cas_N6512_cdk_ECFP2	0.6866	0.3134	0.6921	0.3781	0.8196
cas_N6512_rdkit_ATOMPAIR	0.6185	0.3815	0.6128	0.2220	0.9069
cas_N6512_RDkit_AtomPair_FP	0.6380	0.3620	0.6347	0.2690	0.8936
cas_N6512_rdkit_AVALON	0.6621	0.3379	0.6691	0.3310	0.8441
cas_N6512_RDkit_Avalon_FP	0.6963	0.3037	0.7054	0.3998	0.7935
cas_N6512_rdkit_descriptors	0.6385	0.3615	0.6356	0.2711	0.8932
cas_N6512_rdkit_FEATMORGAN	0.7081	0.2919	0.7059	0.4118	0.8116
cas_N6512_RDkit_Featmorgan_FP	0.7055	0.2945	0.7032	0.4062	0.8150
cas_N6512_RDkit_FP	0.7009	0.2991	0.6994	0.3987	0.8207
cas_N6512_rdkit_LAYERED	0.6708	0.3292	0.6744	0.3451	0.8448
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_MACCS	0.6697	0.3303	0.6673	0.3346	0.8592
cas_N6512_RDkit_MACCS_FP	0.6994	0.3006	0.7003	0.3992	0.8174
cas_N6512_rdkit_MORGAN	0.6569	0.3431	0.6529	0.3040	0.8711

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.6764	0.3236	0.6782	0.3543	0.8437
cas_N6512_rdkit_PATTERN	0.6585	0.3415	0.6615	0.3200	0.8609
cas_N6512_RDkit_pattern_FP	0.6242	0.3758	0.6269	0.2516	0.8977
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.6538	0.3462	0.6643	0.3174	0.8419
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7202	0.2798	0.7178	0.4255	0.7701
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.7473	0.1263	0.5966	0.6215	0.4125
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8040	0.1960	0.6178	0.1114	0.5373
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.1200	0.0176	0.0259	0.1111	0.2160
cirrhosis	0.6905	0.2063	0.4727	0.3276	0.3679
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7685	0.1157	0.5146	0.6247	0.3377
climate	0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4626	0.2024	0.7436
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.7030	0.0540	0.3880	0.6374	0.3011
coil20	0.5139	0.0486	0.4545	0.4886	0.1828
college	0.8961	0.1039	0.8645	0.7215	0.4446
collins	0.5200	0.0640	0.4555	0.4725	0.2514
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.6552	0.3448	0.6372	0.2714	0.8780
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.7419	0.2581	0.7417	0.4655	0.7236
column-3c	0.6452	0.2366	0.6131	0.4491	0.5647
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7236	0.2764	0.7238	0.4467	0.7870
coupon	0.6246	0.3754	0.6114	0.2207	0.9080
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.5869	0.1180	0.2484	0.2929	0.3622

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.8792	0.1208	0.7035	0.3880	0.6278
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.6500	0.1750	0.6640	0.5333	0.2755
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8590	0.0470	0.5015	0.7055	0.2844
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.0000	0.0500	0.0000	-0.0271	0.2417
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.1188	0.0112	0.6221
cyclopentane	0.7037	0.2963	0.7191	0.4194	0.7609
cylinder-bands	0.7037	0.2963	0.6925	0.3802	0.8135
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1036	0.1793	0.0593	0.0036	0.6230
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8087	0.1913	0.6788	0.3229	0.6835
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3492	0.1111	0.5070
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.4963	0.4000	0.3775
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8654	0.1346	0.8643	0.7234	0.5226
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.8404	0.1596	0.7232	0.4084	0.6057
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8667	0.0667	0.8414	0.8162	0.1998
diamonds_all	0.5747	0.1701	0.3712	0.3687	0.4498
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.8750	0.1250	0.8298	0.6000	0.2846
dlbcl-nih	0.5000	0.5000	0.4857	-0.0286	0.9973
dlbcl-stanford	0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5301	0.4699	0.5202	0.0368	0.9563
drebin	0.9335	0.0665	0.9284	0.8567	0.3361
dropout	0.6862	0.2092	0.5121	0.4243	0.3723
drug-01	0.4043	0.1702	0.1241	0.0254	0.3650
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6702	0.0942	0.1425	0.0510	0.3109
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3777	0.1778	0.2014	0.2052	0.4983
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5479	0.1292	0.1528	0.1514	0.3608
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-13	0.6064	0.1125	0.1740	0.2592	0.3384
drug-14	0.5745	0.1216	0.2148	0.2195	0.4199
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5638	0.1454	0.1912	0.1954	0.3479
drug-17	0.3617	0.1824	0.1326	0.0927	0.4369
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.8817	0.0338	0.9047	0.8571	0.1586
ecoli	0.8824	0.0294	0.5681	0.8369	0.0987
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2400	0.3800	0.1581	-0.0181	0.5820
eeg	0.2499	0.0938	0.1182	0.1544	0.5217
eeg-eye	0.5861	0.4139	0.5716	0.1332	0.9187
eeg10%	0.2267	0.0967	0.1260	0.1302	0.5056
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4932	0.2027	0.3895	0.3303	0.5004
euthyroid	0.9209	0.0791	0.7861	0.5714	0.5874
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.9125	0.0875	0.9185	0.8260	0.3239
fakenews	0.5300	0.4700	0.5305	0.0608	0.9800
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.2480	0.0885	0.0815	0.1219	0.3571
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.5196	0.0249	0.8503
financial-risk	0.6475	0.1175	0.3186	0.3871	0.3478
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8269	0.0865	0.8145	0.7595	0.2420
gas	0.6801	0.1066	0.6919	0.6152	0.3682
gastrointestinal	0.6875	0.2083	0.6528	0.5062	0.4739
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.8297	0.1136	0.8150	0.7303	0.4036
german	0.6600	0.3400	0.5868	0.1521	0.8562
gestures	0.5445	0.2277	0.5644	0.3929	0.5715
gina	0.8646	0.1354	0.8664	0.7284	0.5066
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6190	0.1270	0.4992	0.4437	0.2915
glass-g2	0.7500	0.2500	0.7241	0.4286	0.7242
glassBWFP	0.8095	0.1905	0.7981	0.5962	0.6596
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.0909	0.9091	0.0833	0.0000	0.2192
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.8636	0.1364	0.7471	0.3529	0.4422
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.3000	0.1429	0.0000	0.3039
glioma-grade	0.8571	0.1429	0.8547	0.7085	0.5490
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.3333	0.3333	0.3621	0.0964	0.5527
gsalc	0.7778	0.0741	0.8333	0.7353	0.1060
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.7914	0.0348	0.5694	0.7533	0.1877
har	0.4169	0.2332	0.4243	0.2529	0.6828

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.7850	0.0614	0.4547	0.6706	0.2163
har7010%	0.7822	0.0622	0.4650	0.6781	0.2080
harth	0.0012	0.1665	0.0002	0.0000	0.3230
harth1%	0.7067	0.0489	0.3067	0.5942	0.2604
harth10%	0.6915	0.0514	0.2964	0.5727	0.2656
hayes-roth	0.3125	0.4583	0.2695	-0.0932	0.7146
hcc-survival	0.5882	0.4118	0.6071	0.2013	0.8825
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7360	0.4706	0.7649
heart-attack	0.8387	0.1613	0.8369	0.6723	0.5819
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.8080	0.1920	0.7962	0.5831	0.6535
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.7981	0.2019	0.8038	0.5968	0.6329
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.2308	0.7692	0.1875	0.0000	0.4238
higgs0.1%	0.5745	0.4255	0.5820	0.1080	0.7803
higgs1%	0.5687	0.4313	0.5836	0.0908	0.7237
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.1429	0.2143	0.1205	-0.0120	0.3584
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8752	0.1248	0.8127	0.6132	0.6015
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6389	0.2407	0.4437	0.2909	0.3545
hotel-reservartions	0.7776	0.2224	0.7365	0.4658	0.7212
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.5638	0.2908	0.5712	0.3471	0.6466
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9363	0.0318	0.4632	0.4820	0.1360
hypothyroidT	0.9443	0.0557	0.7702	0.4129	0.1492
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.5556	0.4444	0.5303	0.0526	0.7987
instagram	0.9100	0.0450	0.9146	0.8800	0.1669
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9600	0.0400	0.9613	0.9196	0.1967
isolet	0.4416	0.0430	0.3522	0.4193	0.2051
jm1	0.8099	0.1901	0.6082	0.0520	0.4433
jvowels	0.8042	0.0435	0.7972	0.7785	0.2471
kc1	0.8578	0.1422	0.6619	0.2344	0.5430
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.7692	0.2308	0.6541	0.3082	0.7873
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.7490	0.1674	0.5555	0.5795	0.2477
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2706	0.0810	0.1252	0.1735	0.5029

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krvskp	0.9028	0.0972	0.9026	0.8053	0.4246
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.5000	0.5000	0.6604	0.1818	0.5239
leaf	0.1176	0.0441	0.0467	0.0973	0.1780
led24	0.7500	0.0500	0.7226	0.7175	0.0993
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.2060	0.0611	0.1681	0.1749	0.4363
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.5833	0.0556	0.5337	0.5530	0.1555
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7059	0.2941	0.6808	0.3585	0.8145
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.4763	0.0952	0.1741	0.2908	0.3783
lrs	0.8113	0.0377	0.4125	0.7402	0.1381
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	0.8750	0.0357	0.5714	0.8431	0.0000
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.8723	0.1277	0.8699	0.7390	0.5128
madelon	0.6423	0.3577	0.6428	0.2846	0.8855
magic04	0.7738	0.2262	0.7415	0.4657	0.6951
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8438	0.1562	0.8432	0.6850	0.5699
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6436	0.2376	0.6529	0.4527	0.5020
math	0.7000	0.1500	0.5070	0.5210	0.3683
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7819	0.6667	0.2396
mental-health	0.1933	0.3227	0.1393	-0.0162	0.6678
messidor	0.5913	0.4087	0.5938	0.1854	0.9231
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.5000	0.2500	0.6317	0.3017	0.4119
meter-D	0.7222	0.1389	0.5811	0.6018	0.2787
mfeat-fac	0.9050	0.0190	0.9079	0.8944	0.1119
mfeat-fou	0.6750	0.0650	0.6749	0.6389	0.2800
mfeat-kar	0.8850	0.0230	0.8934	0.8722	0.1219
mfeat-mor	0.7050	0.0590	0.7112	0.6722	0.2064
mfeat-pix	0.9100	0.0180	0.9150	0.9000	0.0979
mfeat-zer	0.7250	0.0550	0.7298	0.6944	0.2336
mice-prot	0.8056	0.0486	0.8149	0.7773	0.1731
milk	0.8679	0.0881	0.8578	0.7982	0.2825
mines	0.4118	0.2353	0.3414	0.2601	0.4495
mobile	0.1713	0.0296	0.0983	0.1566	0.2558
monks-1	0.8364	0.1636	0.8364	0.6724	0.5893
monks-2	0.6230	0.3770	0.5586	0.1148	0.9247
monks-3	0.9464	0.0536	0.9467	0.8929	0.2762
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mushroom	0.9889	0.0111	0.9890	0.9778	0.0787
music	0.4089	0.1075	0.3436	0.2830	0.5375
musk	0.8727	0.1273	0.7220	0.2660	0.2686
MUT_ci300400a_cdk_ECFP2	0.7002	0.2998	0.6918	0.3836	0.8254
MUT_ci300400a_cdk_ECFP4	0.6982	0.3018	0.6845	0.3657	0.8254
MUT_ci300400a_cdk_ECFP6	0.7198	0.2802	0.7073	0.4097	0.7925
MUT_ci300400a_cdk_ESTATE	0.6859	0.3141	0.6715	0.3400	0.8414
MUT_ci300400a_cdk_EXTENDED	0.6918	0.3082	0.6770	0.3491	0.8305
MUT_ci300400a_cdk_FCFP2	0.6731	0.3269	0.6581	0.3137	0.8578
MUT_ci300400a_cdk_FCFP4	0.7086	0.2914	0.7041	0.4074	0.8097
MUT_ci300400a_cdk_FCFP6	0.7074	0.2926	0.6943	0.3848	0.8122
MUT_ci300400a_cdk_MACCS	0.6954	0.3046	0.6808	0.3564	0.8253
MUT_ci300400a_cdk_PUBCHEM	0.7281	0.2719	0.7156	0.4240	0.7754
MUT_ci300400a_cdk_STANDARD	0.6695	0.3305	0.6528	0.3012	0.8591
MUT_ci300400a_rdkit_descriptors	0.6917	0.3083	0.6866	0.3730	0.8332
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9281	0.0719	0.9284	0.8561	0.3402
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.5000	0.1111	0.3333	0.4194	0.0881
ncRNA1%	0.8467	0.0161	0.1017	0.4813	0.1330
ncRNA10%	0.8518	0.0156	0.1064	0.5195	0.1556
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.5911	0.4089	0.5858	0.1681	0.9301
NHANES_age_prediction	0.9251	0.0749	0.8763	0.7452	0.4938
nomao	0.8297	0.1703	0.7884	0.5764	0.6511
NPHA-doctor-visits	0.4444	0.3704	0.2802	-0.0722	0.5839
nursery	0.8750	0.0500	0.5318	0.8150	0.1395
obesity	0.5308	0.1341	0.5172	0.4504	0.4456
obs	0.6944	0.1528	0.6612	0.5173	0.3614
occupancy	0.9805	0.0195	0.9729	0.9457	0.1755
Occupancy_Estimation	0.9576	0.0212	0.8571	0.8683	0.1276
oh0-wc	0.6634	0.0673	0.6848	0.6123	0.2634
oh10-wc	0.6381	0.0724	0.5892	0.5867	0.3466
oh15-wc	0.7609	0.0478	0.7699	0.7309	0.2533
oh5-wc	0.7253	0.0549	0.7600	0.6897	0.2401
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9123	0.0195	0.8353	0.8898	0.0492
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.8932	0.0214	0.8998	0.8813	0.1271
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.2250	0.0387	0.1305	0.2051	0.1810
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.7600	0.2400	0.7552	0.5033	0.7248
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7629	0.2371	0.7306	0.4599	0.7522
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8647	0.7293	0.5256
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9269	0.0293	0.5551	0.5787	0.4152
parkinson	0.9083	0.0917	0.9066	0.8121	0.4142
parkinsons	0.7109	0.2891	0.7101	0.4131	0.7884
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8277	0.1723	0.7743	0.5379	0.6313
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.7763	0.2237	0.6533	0.2609	0.7060
pediatric-leukemia	0.2353	0.2185	0.0602	0.0101	0.3864
pendigits	0.8872	0.0226	0.8886	0.8745	0.1322
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7784	0.2216	0.7764	0.5460	0.6941
personalities	0.6738	0.0408	0.6142	0.6521	0.2385
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.9102	0.0898	0.9062	0.8123	0.4135
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.4372	0.1608	0.3632	0.3371	0.4912
phone-acc1%	0.4334	0.1619	0.3612	0.3372	0.4771
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.4566	0.1553	0.4293	0.3669	0.4660
phone-gyr1%	0.3701	0.1800	0.2742	0.2632	0.4054
phone-gyr10%	0.1372	0.2465	0.0345	0.0000	0.4035
phoneme	0.7741	0.2259	0.7581	0.5009	0.6988
phy	0.4916	0.5084	0.4918	-0.0163	1.0000
pima	0.7105	0.2895	0.6891	0.3407	0.7408
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.7800	0.2200	0.7735	0.5470	0.7063
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5288	0.0942	0.1065	0.0869	0.2559
poker10%	0.5328	0.1168	0.1344	0.0976	0.2830
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.7283	0.1087	0.7318	0.6604	0.3581
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6185	0.2353	0.9081
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3030	0.1072	0.2492	0.2356	0.3093
processed	0.8443	0.1557	0.8210	0.6420	0.6045
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.6429	0.3571	0.6443	0.2857	0.8758
prostate_GE	0.8182	0.1818	0.8451	0.6452	0.4308
puc-rio	0.7444	0.1023	0.5835	0.6469	0.3359
puc-rio10%	0.7109	0.1156	0.6368	0.5962	0.2993
pufs-1281%	0.4935	0.5065	0.4933	-0.0129	0.9927
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9127	0.8222	0.3796
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
re0-wc	0.5933	0.0626	0.2408	0.4538	0.3454
re1-wc	0.4759	0.0419	0.2025	0.3997	0.2828
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9863	0.0137	0.9862	0.9722	0.0934
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6270	0.3730	0.5919	0.1511	0.8399
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.8196	0.0601	0.7727	0.7751	0.2279
satimageF	0.9829	0.0171	0.9546	0.9066	0.1130
satimageT	0.9036	0.0964	0.7053	0.4044	0.6293
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	0.9630	0.0370	0.9635	0.9244	0.1598
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.7916	0.2084	0.7884	0.5766	0.6820
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8615	0.0396	0.8737	0.8380	0.1656
segmentation	0.7624	0.2376	0.7523	0.5006	0.7321
segmentO	0.9697	0.0303	0.9390	0.8778	0.2677
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9467	0.8928	0.2097
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.2829	0.1304	0.2812	0.2112	0.6103
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.9597	0.0115	0.4067	0.8890	0.0947
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.5000	0.5000	0.3333	0.0000	0.5283
skin	0.9795	0.0205	0.9699	0.9391	0.2038
skin10%	0.9788	0.0212	0.9677	0.9354	0.1814
smarket	0.8880	0.1120	0.8908	0.7752	0.4315
smart-farming	0.1800	0.4100	0.1795	-0.1022	0.8506
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.7086	0.2914	0.6974	0.3921	0.8078
soil_pollution	0.2100	0.3160	0.1611	0.0126	0.6640
solar-flare	0.6619	0.1127	0.4822	0.5621	0.2797
sonar	0.5000	0.5000	0.5000	0.0000	0.9243
soybean	0.7353	0.0279	0.4868	0.7075	0.0984
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.8348	0.1652	0.8275	0.6388	0.5425
spect	0.7037	0.2963	0.5141	0.0270	0.8776
spectf	0.8000	0.2000	0.7481	0.4948	0.7085
spectrometer	0.3654	0.0470	0.1719	0.3257	0.2070
splice-EI	0.9148	0.0852	0.8923	0.7824	0.4543
splice-IE	0.9148	0.0852	0.8838	0.7674	0.4613
sport-articles	0.3700	0.6300	0.2701	0.0000	0.5154
squash-stored	0.2000	0.5333	0.1111	0.0000	0.4227
squash-unstored	0.4000	0.4000	0.1905	0.0000	0.2619
startup	0.6989	0.3011	0.6712	0.3424	0.8361

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel_industry	0.7523	0.1651	0.7048	0.5975	0.4398
steel-b	0.7744	0.2256	0.6228	0.2388	0.7942
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9590	0.0410	0.9356	0.8693	0.2472
steel-o	0.7487	0.2513	0.7102	0.4084	0.7542
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9436	0.0564	0.8685	0.7245	0.5075
stellar	0.6910	0.2060	0.6384	0.3739	0.4669
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.8150	0.1233	0.8177	0.7226	0.3041
streaming	0.7660	0.2340	0.7705	0.5345	0.7058
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5950	0.1620	0.2635	0.3137	0.3455
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3900	0.2440	0.1804	0.0274	0.4606
student-weekend	0.3846	0.2462	0.2352	0.1028	0.5503
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.3586	0.1250	0.5394
susy1%	0.7240	0.2760	0.7244	0.4312	0.7472
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4000	0.4000	0.3944	0.1000	0.7783
telco-churn	0.8622	0.1378	0.8140	0.6175	0.5477
texture	0.7545	0.0446	0.7680	0.7298	0.2168
theorem	0.8543	0.1457	0.8497	0.6990	0.5548
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.8737	0.1263	0.8568	0.6987	0.4511
tis	0.8497	0.1503	0.8045	0.6080	0.6269
tis10%	0.8209	0.1791	0.7381	0.4627	0.6669
titanic	0.7591	0.2409	0.7276	0.4549	0.7599
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.5294	0.2353	0.5334	0.3790	0.3921
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.5882	0.4118	0.4903	-0.0171	0.9466
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.3659	0.1409	0.1620	0.2045	0.3705
trec12-wc	0.5161	0.1210	0.2862	0.3630	0.2584
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.3240	0.1000	0.4660
trec31-wc	0.5376	0.1541	0.3041	0.3593	0.4740
trec41-wc	0.6023	0.0795	0.3656	0.5061	0.3364
trec45-wc	0.3043	0.1391	0.2002	0.1534	0.4621
tuandromd	0.9776	0.0224	0.9652	0.9304	0.1938
turkish	0.6750	0.1625	0.6687	0.5667	0.3692
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9000	0.1000	0.8917	0.7825	0.4367
tvnews10%	0.7833	0.2167	0.7680	0.5359	0.7101
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7612	0.0531	0.7416	0.7198	0.1682
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.6548	0.1726	0.6081	0.5220	0.4259
vehicleVAN	0.2500	0.7500	0.2000	0.0000	0.4422
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9767	0.0233	0.9773	0.9535	0.1262
vowel	0.4444	0.1010	0.4299	0.3889	0.2618
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.6731	0.0327	0.3979	0.6350	0.1784
warpar10p	0.3077	0.1385	0.2243	0.2353	0.2617
warppie10p	0.1905	0.1619	0.2118	0.1053	0.3513
watch-acc1%	0.4151	0.1671	0.3698	0.3115	0.5678
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.4354	0.1613	0.4159	0.3430	0.5344
watch-gyr10%	0.4479	0.1577	0.3815	0.3520	0.4711
water_pollution	0.2167	0.3917	0.2163	-0.0425	0.8563
waveform	0.8180	0.1213	0.8199	0.7271	0.3948
weather-related	0.4577	0.0986	0.2684	0.3661	0.3285
web-phishing	0.7704	0.1531	0.5309	0.5654	0.3758
Weekly	0.9722	0.0278	0.9719	0.9436	0.1670
weight-lift	0.4143	0.2343	0.4088	0.2633	0.7169
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9850	0.0075	0.9854	0.9800	0.0341
wilt	0.0497	0.9503	0.0473	0.0000	0.1299
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.4906	0.1698	0.1863	0.1431	0.3531
winequality-white	0.4847	0.1472	0.1562	0.1188	0.3467
winnipeg10%	0.9199	0.0229	0.7738	0.8992	0.1246
wisc_bc	0.9474	0.0526	0.9432	0.8858	0.2729
yale	0.4375	0.0750	0.3733	0.4000	0.1645
yeast	0.5203	0.0959	0.3041	0.3932	0.4086
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.8161	0.0368	0.8036	0.7936	0.2331

Table 472: Detailed results for SPLS

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1199	0.0607	0.0446	0.0358	0.4281
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.9973	0.0009	0.9974	0.9968	0.0056
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8263	0.1737	0.7420	0.4629	0.6391
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.8697	0.1303	0.8672	0.7343	0.5162
alcohol	0.7333	0.1067	0.2374	0.3147	0.2285
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8300	0.6591	0.5847
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9096	0.0452	0.6295	0.8237	0.2126
anuran-genus	0.8943	0.0264	0.5979	0.8191	0.1682
anuran-species	0.9042	0.0192	0.6863	0.8638	0.0855
anxiety	0.1000	0.2000	0.0937	-0.0159	0.8119
apple-quality	0.7325	0.2675	0.7336	0.4650	0.7707
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.8725	0.1275	0.4660	0.0000	0.2639

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.9487	0.0513	0.9480	0.8905	0.1884
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.7500	0.1000	0.7273	0.6622	0.2187
avila	0.4816	0.0864	0.1872	0.1890	0.3175
babies	0.4355	0.1613	0.1402	0.0970	0.3740
balance	0.8871	0.0753	0.6114	0.7877	0.2090
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8894	0.1106	0.8815	0.7472	0.3796
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9945	0.0055	0.8167	0.5975	0.2371
biodeg	0.8571	0.1429	0.8494	0.6986	0.5580
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5381	0.2310	0.5457	0.3841	0.4637
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5200	0.4800	0.5201	0.0401	0.9880
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.7407	0.7800	0.0723
bridges	0.7000	0.0857	0.4163	0.5455	0.1058
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8103	0.0948	0.3938	0.5657	0.3585
car-insurance	0.8280	0.1720	0.7952	0.5886	0.6381
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.6714	0.0657	0.4866	0.5956	0.2524
cardiotocography-nsp	0.8357	0.1095	0.6341	0.4606	0.4354
cardiovascular	0.6504	0.3496	0.6506	0.3007	0.8782
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5951	0.4643	0.4591
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.0024	0.9976	0.0024	0.0000	0.0069
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.0009	0.9991	0.0009	0.0000	0.0027
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.8916	0.1084	0.6733	0.3416	0.6566
churn	0.7990	0.2010	0.5973	0.1008	0.5943
churn-bigml	0.8652	0.1348	0.6825	0.1246	0.2760
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0400	0.0192	0.0031	0.0303	0.3071
cirrhosis	0.7619	0.1587	0.5228	0.4976	0.3306
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7657	0.1171	0.4261	0.6105	0.2435
climate	0.8333	0.1667	0.7609	0.4029	0.4858
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5267	0.2704	0.6710
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.7897	0.0382	0.4562	0.7395	0.1970
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7742	0.1505	0.7045	0.6213	0.3349
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7692	0.2308	0.7693	0.5382	0.7179
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8258	0.0581	0.3917	0.5797	0.1975
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1875	0.0406	0.0805	0.1663	0.1237
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.1020	-0.0145	0.6310
cyclopentane	0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8013	0.1987	0.6554	0.1988	0.5566
defect	0.8549	0.1451	0.6845	0.3444	0.6562
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9038	0.0962	0.9041	0.8024	0.4159
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.8459	0.1541	0.7333	0.4105	0.5468
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8500	0.0750	0.6787	0.7875	0.1181
diamonds_all	0.5628	0.1749	0.3806	0.3321	0.3994
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3787	0.6213	0.2747	0.0000	0.5182
dropout	0.7585	0.1610	0.6497	0.5792	0.4143
drug-01	0.4096	0.1687	0.1258	0.0476	0.4139
drug-02	0.4947	0.1444	0.1399	0.0489	0.4638
drug-03	0.6915	0.0881	0.1172	0.0096	0.1975
drug-04	0.5266	0.1353	0.1767	0.0498	0.3474
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2190	0.2681	0.3721
drug-07	0.4787	0.1489	0.1494	0.1021	0.3170
drug-08	0.5532	0.1277	0.2242	0.0520	0.3410
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1538	0.1375	0.3501
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1720	0.2113	0.3264
drug-14	0.5904	0.1170	0.2173	0.2142	0.3764
drug-15	0.7553	0.0699	0.1229	-0.0070	0.2452
drug-16	0.5904	0.1365	0.2671	0.2649	0.3836
drug-17	0.3830	0.1763	0.1390	0.1336	0.4233
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9015	0.0281	0.9125	0.8809	0.1438
ecoli	0.8235	0.0441	0.4201	0.7472	0.1040
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3400	0.3300	0.3384	0.1195	0.7883
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.6482	0.3518	0.6401	0.2726	0.8705
eeg10%	0.3130	0.0859	0.2726	0.2284	0.5494
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5890	0.1644	0.5293	0.4586	0.4105
euthyroid	0.9177	0.0823	0.7126	0.2901	0.3305
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5450	0.4550	0.5450	0.0900	0.9718
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9020	0.0980	0.9028	0.7997	0.3894
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.8654	0.0673	0.8614	0.8129	0.1772
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6021	0.2653	0.3807	0.1449	0.5100
gene	0.8959	0.0694	0.8859	0.8355	0.2632
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6667	0.1111	0.5146	0.5100	0.2701
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP	0.6667	0.3333	0.5868	0.1600	0.8717
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.8929	0.1071	0.8949	0.7840	0.4385
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.3828	0.2547	0.4763
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har	0.7003	0.1199	0.6918	0.6175	0.4334
har70	0.7480	0.0720	0.3817	0.5928	0.1846
har701%	0.7416	0.0738	0.3748	0.5820	0.1847
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth1%	0.6140	0.0643	0.1691	0.4190	0.2499
harth10%	0.6172	0.0638	0.1719	0.4253	0.2467
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.8667	0.1333	0.8661	0.7321	0.5220
heart-failure	0.8380	0.1620	0.8083	0.6153	0.6172
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hepmass1%	0.8339	0.1661	0.8339	0.6678	0.5962
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6609	0.3391	0.6583	0.3126	0.8613
higgs1%	0.6391	0.3609	0.6361	0.2651	0.8776
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1141	0.0435	0.3780
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6667	0.2222	0.6400	0.3915	0.4596
hotel-reservartions	0.8151	0.1850	0.7819	0.5536	0.6368
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.5580	0.2947	0.5597	0.3361	0.6789
ht-sensor10%	0.5383	0.3078	0.5387	0.3062	0.6973
htru2	0.9721	0.0279	0.9109	0.8080	0.1395
hypothyroid	0.9204	0.0398	0.3805	0.2188	0.0908
hypothyroidT	0.9310	0.0690	0.7021	0.1756	0.1727
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9080	0.0460	0.9117	0.8773	0.1774
ionosphere	0.8571	0.1429	0.8291	0.6421	0.5116
iris	0.6667	0.2222	0.6139	0.4898	0.3083
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8136	0.1864	0.6185	0.1150	0.5338
jvowels	0.8564	0.0319	0.8541	0.8369	0.1634
kc1	0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.5859	0.0949	0.6347
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.8149	0.1234	0.7596	0.6930	0.2582
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2667	0.0815	0.1030	0.1469	0.4065

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krvskp	0.9373	0.0627	0.9376	0.8746	0.3103
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.3529	0.0324	0.1867	0.3327	0.1137
led24	0.7000	0.0600	0.6496	0.6581	0.1620
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.5525	0.0344	0.5625	0.5343	0.3368
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.6667	0.0444	0.6356	0.6427	0.1390
linkage1%	0.9974	0.0026	0.8671	0.7157	0.4995
linkage10%	0.9981	0.0019	0.9022	0.7868	0.4689
liver	0.8235	0.1765	0.7984	0.5968	0.6488
loan	0.9508	0.0492	0.9479	0.8957	0.2757
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.7925	0.0415	0.3484	0.7053	0.1323
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.4469	0.7255	0.1760
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7743	0.2257	0.7425	0.4718	0.7041
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8125	0.1875	0.8125	0.6245	0.6395
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6238	0.2508	0.6252	0.4173	0.5520
math	0.7000	0.1500	0.3886	0.4990	0.2977
mba	0.8371	0.1086	0.3613	0.0106	0.2295
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2100	0.3160	0.2078	0.0062	0.7325
messidor	0.7043	0.2957	0.7119	0.4147	0.7881
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7778	0.1111	0.6252	0.6856	0.2101
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.7400	0.0520	0.7369	0.7111	0.2290
mfeat-kar	0.9350	0.0130	0.9370	0.9278	0.0794
mfeat-mor	0.6150	0.0770	0.6065	0.5722	0.2278
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.8050	0.0390	0.8028	0.7833	0.1415
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.7736	0.1509	0.7464	0.6506	0.4401
mines	0.4412	0.2235	0.2602	0.2806	0.3545
mobile	0.5455	0.0162	0.5293	0.5372	0.1853
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.4400	0.1018	0.3725	0.2979	0.4977
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.8574	0.0150	0.1268	0.5315	0.1603
ncRNA10%	0.8590	0.0148	0.1695	0.5423	0.1413
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.0105	0.0450	0.0005	0.0000	0.4162
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9515	0.0485	0.9048	0.7979	0.2301
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4583	0.3611	0.2471	-0.0939	0.5773
nursery	0.9198	0.0321	0.5591	0.8811	0.1046
obesity	0.6161	0.1097	0.6051	0.5519	0.3735
obs	0.7222	0.1389	0.7523	0.5841	0.3839
occupancy	0.9864	0.0136	0.9816	0.9624	0.1468
Occupancy_Estimation	0.9664	0.0168	0.8973	0.8953	0.0814
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.8421	0.0351	0.6900	0.7997	0.0880
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9214	0.0314	0.4439	0.3305	0.1341
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.8009	0.1991	0.7967	0.5892	0.6629
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8969	0.1031	0.8705	0.7404	0.4802
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.8817	0.0237	0.8804	0.8685	0.1492
period	0.5556	0.4444	0.5000	0.0000	0.9591
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9469	0.0531	0.9442	0.8880	0.2777
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc0.1%	0.5276	0.1350	0.5104	0.4471	0.3961
phone-acc1%	0.5340	0.1331	0.4868	0.4547	0.3853
phone-acc10%	0.1413	0.2453	0.0354	0.0000	0.4030
phone-gyr0.1%	0.3654	0.1813	0.3739	0.2574	0.4197
phone-gyr1%	0.3736	0.1790	0.3765	0.2664	0.4139
phone-gyr10%	0.1372	0.2465	0.0345	0.0000	0.4035
phoneme	0.7685	0.2315	0.6953	0.3824	0.7581
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.8988	0.0675	0.7791	0.5902	0.1465
placement	0.7910	0.2090	0.7869	0.5734	0.6856
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1001	0.0666	0.0000	0.1727
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6041	0.2059	0.9196
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.5152	0.0746	0.3639	0.4579	0.2473
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8358	0.1642	0.8119	0.6234	0.6196
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.7961	0.0816	0.7011	0.7188	0.2405
puc-rio10%	0.8051	0.0780	0.7024	0.7316	0.2413
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9697	0.0303	0.9038	0.7903	0.1344
raisin	0.9000	0.1000	0.9025	0.8000	0.4045
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9852	0.0148	0.9851	0.9700	0.0928
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6168	0.3832	0.5837	0.1562	0.9021
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.7558	0.0814	0.6555	0.6908	0.2064
satimageF	0.9767	0.0233	0.9375	0.8709	0.1660
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.6667	0.3333	0.7404	0.3721	0.5239
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.8831	0.0334	0.8936	0.8632	0.1221
segmentation	0.8020	0.1980	0.7798	0.5574	0.6750
segmentO	0.9740	0.0260	0.9473	0.8940	0.2198
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8759	0.1241	0.7164	0.3371	0.4528
shuttle	0.8759	0.0355	0.4542	0.5532	0.0789
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9270	0.0730	0.8936	0.7858	0.4440
skin10%	0.9248	0.0752	0.8888	0.7770	0.4494
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.7398	0.2602	0.7318	0.4596	0.7625
soil_pollution	0.2167	0.3133	0.2170	0.0231	0.8251
solar-flare	0.7410	0.0863	0.5888	0.6660	0.1944
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9175	0.0825	0.7002	0.1729	0.1966
spambase	0.8652	0.1348	0.8586	0.7171	0.5334
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.7429	0.2571	0.6378	0.2025	0.6822
spectrometer	0.4038	0.0442	0.2556	0.3557	0.1981
splice-EI	0.9464	0.0536	0.9317	0.8619	0.3430
splice-IE	0.9022	0.0978	0.8601	0.7176	0.4747
sport-articles	0.8000	0.2000	0.7815	0.5402	0.6155
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	0.6452	0.3548	0.3922	0.0000	0.4773

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel_industry	0.7423	0.1718	0.6850	0.5790	0.4845
steel-b	0.8256	0.1744	0.6977	0.3605	0.6518
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9590	0.0410	0.9356	0.8693	0.2472
steel-o	0.7487	0.2513	0.7104	0.3717	0.6713
steel-p	0.9128	0.0872	0.5721	0.0815	0.5290
steel-s	0.9692	0.0308	0.7646	0.3900	0.0945
steel-z	0.9333	0.0667	0.7977	0.5922	0.5244
stellar	0.8428	0.1048	0.8199	0.7035	0.3338
stock	0.8889	0.1111	0.7912	0.5421	0.4502
stockb	0.9031	0.0646	0.9089	0.8547	0.1654
streaming	0.8000	0.2000	0.7975	0.5949	0.6667
stress	0.9683	0.0127	0.9713	0.9603	0.0374
student-lifestyle	0.6350	0.1460	0.3355	0.3793	0.3177
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4200	0.2320	0.1937	0.0788	0.4571
student-weekend	0.4154	0.2338	0.1950	0.1587	0.4302
student-workday	0.6875	0.1250	0.1630	-0.0248	0.2966
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.7574	0.2426	0.7659	0.4969	0.6403
susy10%	0.7622	0.2378	0.7707	0.5071	0.6325
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.9020	0.0980	0.8709	0.7394	0.4578
texture	0.9836	0.0030	0.9844	0.9820	0.0237
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.4186	-0.0736	0.7975
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.7500	0.1250	0.7443	0.6667	0.2772
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7463	0.0564	0.7855	0.7016	0.1830
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7381	0.1310	0.7186	0.6514	0.2286
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4343	0.1028	0.3582	0.3778	0.2545
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.4657	0.1527	0.4548	0.3714	0.5233
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr1%	0.3241	0.1931	0.2928	0.2056	0.4901
watch-gyr10%	0.3441	0.1874	0.3444	0.2291	0.4816
water_pollution	0.2267	0.3867	0.1816	-0.0342	0.7063
waveform	0.8560	0.0960	0.8561	0.7840	0.3412
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.7778	0.1481	0.5349	0.5801	0.3622
Weekly	0.9722	0.0278	0.9725	0.9434	0.1307
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9150	0.0425	0.9158	0.8867	0.1411
wilt	0.9503	0.0497	0.4873	0.0000	0.1349
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5912	0.1363	0.2176	0.3081	0.3501
winequality-white	0.5215	0.1367	0.2029	0.2017	0.3711
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7132	0.7322	0.0618
yeast	0.4797	0.1041	0.2817	0.3287	0.4564
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 473: Detailed results for SR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1880	0.0773	0.0956	0.1011	0.4402
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.9756	0.0244	0.9505	0.9007	0.2654
adult	0.6464	0.3536	0.7228	0.3453	0.5689
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.8333	0.1667	0.4545	-0.0907	0.7189
AID_1431_MACCSFingerprinter	0.8254	0.1746	0.4937	-0.0124	0.6978
AID_1878	0.6762	0.3238	0.5655	0.1233	0.7809
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9993	0.0007	0.4998	-0.0003	0.3124
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.3500	0.6500	0.5906	0.0441	0.4906
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.5950	0.1818	0.8134
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9973	0.0027	0.4993	-0.0013	0.4293
AID746red	0.9933	0.0067	0.5708	0.0889	0.4161
aids	0.8779	0.1221	0.8307	0.6604	0.5547
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
alcohol	0.6952	0.1219	0.3660	0.4082	0.2824
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7209	0.2791	0.7068	0.2564	0.4427
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9847	0.0153	0.4961	-0.0076	0.5502
anuran-family	0.9221	0.0389	0.8475	0.8487	0.1817
anuran-genus	0.9638	0.0090	0.9072	0.9405	0.1691
anuran-species	0.9736	0.0053	0.9454	0.9633	0.0669
anxiety	0.1083	0.1981	0.0328	0.0000	0.4693
apple-quality	0.6500	0.3500	0.6509	0.3000	0.8753
aps-failure	0.9747	0.0253	0.5361	0.0654	0.5810
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9923	0.0077	0.7391	0.4762	0.5002
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia	0.7111	0.0578	0.5833	0.5770	0.3203
auction	0.9020	0.0980	0.7385	0.4276	0.4934

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9857	0.0143	0.9825	0.9645	0.1355
autism-child	0.9310	0.0690	0.9310	0.8619	0.3353
autos	0.5500	0.1800	0.2865	0.3571	0.3120
avila	0.4006	0.0999	0.4050	0.2511	0.5762
babies	0.2823	0.2051	0.1661	0.0502	0.5836
balance	0.9032	0.0645	0.8274	0.8306	0.3374
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8272	0.1728	0.8143	0.6283	0.6288
basehock	0.9648	0.0352	0.9650	0.9296	0.1994
bio	0.9963	0.0037	0.8914	0.7821	0.3194
bio10%	0.9959	0.0041	0.9030	0.7980	0.4348
biodeg	0.5048	0.4952	0.6535	0.1600	0.5294
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9855	0.0013	0.0451	-0.0003	0.0772
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9854	0.0027	0.0902	-0.0006	0.1649
body-perf	0.5007	0.2496	0.5009	0.3343	0.5681
brain-tumor	0.5025	0.4975	0.5581	0.0079	0.5596
breast-cancer	0.3214	0.6786	0.5801	0.0292	0.4784
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6667	0.7143	0.0602
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9710	0.0290	0.9684	0.9348	0.1201
cancer-uae	0.4080	0.3947	0.1932	0.0000	0.3534
car	0.7874	0.1063	0.7213	0.4889	0.2910
car-insurance	0.7520	0.2480	0.7798	0.5110	0.6155
card	0.6232	0.3768	0.6541	0.1180	0.4973
cardiotocography	0.8216	0.0357	0.7479	0.7852	0.2190
cardiotocography-nsp	0.8920	0.0720	0.7936	0.7107	0.3955
cardiovascular	0.5997	0.4003	0.6005	0.1993	0.9244
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5025	0.4696	0.3864
cas_N6512_cdk_ECFP2	0.6928	0.3072	0.7127	0.3987	0.7536
cas_N6512_rdkit_ATOMPAIR	0.6323	0.3677	0.6890	0.2953	0.6667
cas_N6512_RDkit_AtomPair_FP	0.6933	0.3067	0.7172	0.4010	0.7345
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.6123	0.3877	0.6584	0.2551	0.7418
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_RDkit_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_LAYERED	0.7385	0.2615	0.7493	0.4836	0.7239
cas_N6512_RDkit_Layered_FP	0.6426	0.3574	0.6998	0.3146	0.6488
cas_N6512_rdkit_MACCS	0.6667	0.3333	0.7004	0.3538	0.7286
cas_N6512_RDkit_MACCS_FP	0.6304	0.3696	0.6875	0.2917	0.6672
cas_N6512_rdkit_MORGAN	0.7185	0.2815	0.7436	0.4502	0.6882
cas_N6512_RDkit_morgan_FP	0.7101	0.2899	0.7386	0.4351	0.6854

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.6862	0.3138	0.7108	0.3406	0.6334
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.6621	0.3379	0.7107	0.3487	0.6606
cas_N6512_rdkit_TORSION	0.6677	0.3323	0.6831	0.3476	0.8064
ccds1%	0.9615	0.0385	0.6177	0.1165	0.3554
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8031	0.1969	0.7931	0.5826	0.6673
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9642	0.0358	0.7686	0.5333	0.5112
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9380	0.0620	0.6000	0.1916	0.6294
CDS49_AID687_Rdkit-ecfp4-fp	0.9946	0.0054	0.4986	-0.0027	0.4829
census	0.2971	0.7029	0.5802	0.0407	0.2039
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9419	0.0581	0.7728	0.5169	0.5762
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.3349	0.3326	0.3670	0.0773	0.3261
chrom19	0.9995	0.0005	0.8559	0.7103	0.3610
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9991	0.0009	0.7897	0.5785	0.4947
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9277	0.0723	0.6909	0.1332	0.1784
churn	0.7020	0.2980	0.6010	0.1966	0.8049
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.5393	0.0388	0.7547
circles	0.8940	0.0021	0.9087	0.8929	0.0362
cirrhosis	0.8333	0.1111	0.5686	0.6704	0.3026
cjs	0.9893	0.0036	0.9857	0.9869	0.0196
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7519	0.1241	0.5498	0.6245	0.3342
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.6667	0.2222	0.6933	0.4667	0.4938
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.4607	0.1927	0.7513
cnae-9	0.9352	0.0144	0.9371	0.9271	0.0734
codon_usage	0.6961	0.0553	0.5310	0.6306	0.3908
coil20	0.9861	0.0014	0.9866	0.9854	0.0097
college	0.9091	0.0909	0.8981	0.7867	0.4421
collins	0.4800	0.0693	0.4632	0.4353	0.2613
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.4828	0.5172	0.4647	-0.0688	0.9659
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4	0.6207	0.3793	0.5432	0.0860	0.9005
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7766	0.6936	0.2502
comedy_comparisons1%	0.4934	0.5066	0.5591	0.0190	0.5948
connect-4	0.9997	0.0002	0.9935	0.9932	0.0011
cottonmeloidogyne	0.7644	0.2356	0.7645	0.5289	0.7266
coupon	0.5481	0.4519	0.6211	0.1682	0.7300
covtype	0.4935	0.1447	0.2488	0.0636	0.3557
covtype10%	0.6079	0.1120	0.4368	0.3686	0.4915

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.8613	0.1387	0.8119	0.5736	0.5658
covtypeT	0.9338	0.0662	0.6698	0.1036	0.2162
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9994	0.0006	0.9016	0.7997	0.2344
creditcard_trans10%	0.9982	0.0018	0.7738	0.5446	0.5153
crowdsourced	0.8857	0.0381	0.7137	0.7608	0.3845
cryotherapy	0.6667	0.3333	0.7065	0.2703	0.4882
cultivars	0.4375	0.0352	0.3716	0.4194	0.1101
customer-churn	0.8974	0.1026	0.6642	0.1959	0.3551
cybersecurity	0.1533	0.2822	0.0443	0.0000	0.4044
cyclopentane	0.5556	0.4444	0.5580	0.1148	0.9535
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.7778	0.2222	0.7778	0.5556	0.7044
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7123	0.2877	0.6447	0.2794	0.7865
defect	0.7778	0.2222	0.7202	0.3995	0.6593
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8832	0.1168	0.5910	0.0231	0.3277
depressed	0.7902	0.2098	0.6368	0.2731	0.7678
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.7500	0.1667	0.5388	0.5152	0.3319
dexter	0.6500	0.3500	0.6508	0.3000	0.8761
df_final	0.7500	0.1667	0.7690	0.6098	0.3265
DIA	0.7500	0.2500	0.6741	0.3478	0.7928
diabetes	0.8846	0.1154	0.8781	0.7562	0.4872
diabetes-risk	0.7626	0.2374	0.7467	0.4487	0.6528
diabetic	0.5424	0.3051	0.3190	0.0429	0.4754
diabetic1%	0.3627	0.4248	0.3877	0.0124	0.3564
diabetic10%	0.5462	0.3026	0.3797	0.1712	0.5447
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.5258	0.1897	0.4561	0.3259	0.5768
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	0.6250	0.3750	0.7241	0.3333	0.5239
dlbcl-nih	0.6667	0.3333	0.6690	0.3333	0.8453
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9968	0.0032	0.6441	0.2712	0.4966
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.4971	0.5029	0.5604	0.0408	0.6630
dropout	0.7178	0.1881	0.6324	0.5308	0.5469
drug-01	0.4255	0.1641	0.1858	0.1006	0.5279
drug-02	0.5053	0.1413	0.1888	0.1172	0.5774
drug-03	0.6596	0.1135	0.1519	0.0227	0.4248
drug-04	0.5160	0.1383	0.2297	0.1107	0.6083
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4043	0.1702	0.2249	0.2417	0.5586
drug-07	0.4468	0.1844	0.1558	0.0525	0.3836
drug-08	0.5638	0.1246	0.2054	0.1349	0.4238
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.2456	0.1527	0.3701
drug-11	0.8511	0.0426	0.1317	0.0277	0.1222
drug-12	0.7872	0.0709	0.1468	-0.0056	0.3023
drug-13	0.6330	0.1049	0.2346	0.2780	0.3652
drug-14	0.5798	0.1201	0.2533	0.2360	0.4229
drug-15	0.7447	0.0729	0.1235	0.0355	0.2841

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.6064	0.1312	0.3427	0.3379	0.4100
drug-17	0.3564	0.1839	0.1626	0.1042	0.5075
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7553	0.0699	0.1229	-0.0198	0.2767
drybean	0.9295	0.0202	0.9401	0.9145	0.1104
ecoli	0.7941	0.0686	0.8412	0.7197	0.1713
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.2028	-0.0048	0.5884
eeg	0.2822	0.0897	0.2543	0.1975	0.6018
eeg-eye	0.4673	0.5327	0.4834	-0.0300	0.9712
eeg10%	0.2504	0.0937	0.3447	0.1813	0.6033
eucalyptus	0.2466	0.3014	0.0800	0.0012	0.3970
euthyroid	0.9051	0.0949	0.6695	0.0567	0.2161
exon.vs.intron-freq	0.8936	0.1064	0.8955	0.7876	0.4359
exon.vs.intron-freq10%	0.8233	0.1767	0.8460	0.6519	0.4478
fakenews	0.4850	0.5150	0.4215	-0.0202	0.6756
farm-ads	0.9106	0.0894	0.9102	0.8203	0.4006
fbis-wc	0.8496	0.0177	0.8091	0.8296	0.1194
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7451	0.2549	0.7426	0.4751	0.7349
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.4500	0.1571	0.3976	0.2971	0.4032
fonts10%	0.2330	0.0100	0.0941	0.2004	0.6994
forest	0.9423	0.0288	0.9319	0.9203	0.0754
gas	0.8986	0.0338	0.8903	0.8770	0.1339
gastrointestinal	0.4375	0.3750	0.3825	0.2500	0.3847
gender	0.5389	0.3074	0.3136	-0.0260	0.5357
gene	0.9148	0.0568	0.9033	0.8639	0.2413
german	0.6700	0.3300	0.6662	0.3238	0.8283
gestures	0.3074	0.3463	0.3069	0.0765	0.8245
gina	0.7320	0.2680	0.7755	0.4694	0.5061
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6190	0.1270	0.6498	0.4633	0.3166
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.7143	0.2857	0.7361	0.4375	0.7044
glassContainers	0.8636	0.1364	0.4634	-0.0645	0.7409
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.6905	0.3095	0.7489	0.4201	0.5921
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.2667	0.3667	0.1053	0.0000	0.3898
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.8683	0.0220	0.8186	0.8447	0.0884
har	0.5550	0.1780	0.5421	0.4360	0.5813
har70	0.4452	0.1585	0.4610	0.3603	0.3049
har701%	0.5580	0.1263	0.4396	0.4393	0.1752
har7010%	0.7684	0.0662	0.3945	0.6236	0.1643
harth	0.5690	0.0718	0.2464	0.4318	0.3517
harth1%	0.6507	0.0582	0.2386	0.5104	0.3057

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
harth10%	0.5409	0.0765	0.2190	0.3950	0.2894
hayes-roth	0.3750	0.4167	0.3965	0.0244	0.7361
hcc-survival	0.5294	0.4706	0.4617	-0.0625	0.9644
health-activity	0.7000	0.1500	0.2485	-0.0003	0.4998
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.9032	0.0968	0.9026	0.8034	0.4121
heart-c	0.9000	0.1000	0.9090	0.8018	0.3261
heart-failure	0.7440	0.2560	0.6857	0.3640	0.7849
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hepmass1%	0.8339	0.1661	0.8340	0.6679	0.5956
hepmass10%	0.8254	0.1746	0.8255	0.6508	0.6137
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.5655	0.4345	0.5728	0.1410	0.9359
higgs1%	0.5529	0.4471	0.5617	0.1182	0.9405
higgs10%	0.5533	0.4467	0.5624	0.1191	0.9385
higher	0.1429	0.2143	0.0556	0.0118	0.3868
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9309	0.0691	0.8824	0.7637	0.4619
hiva	0.9314	0.0686	0.5433	0.0858	0.6018
horse	0.5556	0.2963	0.5847	0.3417	0.6025
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.4831	0.3446	0.4867	0.2229	0.6786
ht-sensor10%	0.4713	0.3525	0.4780	0.1991	0.6985
htru2	0.9788	0.0212	0.9350	0.8696	0.2574
hypothyroid	0.9708	0.0146	0.6774	0.8240	0.2376
hypothyroidT	0.8515	0.1485	0.7756	0.4451	0.5038
ilpd	0.6949	0.3051	0.5414	0.0585	0.8104
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9380	0.0310	0.9406	0.9173	0.1002
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9178	0.0063	0.9198	0.9146	0.0749
jm1	0.7704	0.2296	0.6232	0.2462	0.7969
jvowels	0.9458	0.0120	0.9420	0.9385	0.0860
kc1	0.7773	0.2227	0.5932	0.1860	0.7802
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.5385	0.1846	0.1647	0.1522	0.4293
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.5782	0.1357	0.7892
kdc-4007	0.8603	0.0399	0.8617	0.8370	0.2260
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9966	0.0005	0.8483	0.9942	0.0271
kddcup9910%	0.9920	0.0008	0.5411	0.9865	0.0405
kepler	0.8368	0.1088	0.8054	0.7312	0.1878
kidney	0.6290	0.1484	0.1880	-0.0042	0.4557
kidney-disease	0.6500	0.3500	0.6465	0.0820	0.4796
krkopt	0.2071	0.0881	0.1694	0.1052	0.5797
krvskp	0.9687	0.0313	0.9686	0.9372	0.1880
la1s-wc	0.6254	0.1249	0.5888	0.5376	0.3211
la2s-wc	0.8974	0.0342	0.8816	0.8700	0.1775
labor	0.8333	0.1667	0.8537	0.6667	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leaf	0.7941	0.0179	0.7519	0.7830	0.0578
led24	0.6000	0.0889	0.6017	0.5467	0.2143
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7475	0.0194	0.7464	0.7373	0.2400
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.7143	0.2857	0.7742	0.4615	0.5000
libra	0.8889	0.0148	0.8999	0.8806	0.0506
linkage	0.9995	0.0005	0.9683	0.9364	0.1987
linkage1%	0.9995	0.0005	0.9651	0.9300	0.2071
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0207
liver	0.5588	0.4412	0.5978	0.1694	0.8239
loan	0.8571	0.1429	0.8460	0.6879	0.5382
localization	0.3315	0.1215	0.1361	0.1066	0.7302
localization10%	0.1650	0.1518	0.0258	0.0000	0.3230
lrs	0.8868	0.0323	0.6557	0.8424	0.0634
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.7467	0.8969	0.0176
lung-cancer-harvard2	0.8333	0.1667	0.8182	0.5714	0.5283
lung-cancer-michigan	0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.3333	0.6667	0.2500	-0.4211	1.0000
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.4692	0.5308	0.4692	-0.0615	1.0000
magic04	0.6802	0.3198	0.6643	0.3256	0.8400
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8541	0.7056	0.5407
marketing	0.8527	0.1473	0.4602	0.0000	0.2904
maternal	0.6040	0.2640	0.6032	0.3908	0.5676
math	0.6500	0.1750	0.5927	0.4450	0.3380
mba	0.7677	0.1548	0.3284	0.0617	0.3811
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.6870	0.3130	0.6774	0.3511	0.8357
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9700	0.0060	0.9703	0.9667	0.0355
mfeat-fou	0.8150	0.0370	0.8210	0.7944	0.1614
mfeat-kar	0.9550	0.0090	0.9555	0.9500	0.0568
mfeat-mor	0.7200	0.0560	0.7279	0.6889	0.1856
mfeat-pix	0.9600	0.0080	0.9620	0.9556	0.0450
mfeat-zer	0.8400	0.0320	0.8399	0.8222	0.1142
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.7830	0.1447	0.8177	0.6816	0.3257
mines	0.5294	0.1882	0.4634	0.4106	0.3962
mobile	0.8077	0.0069	0.8185	0.8042	0.0885
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6066	0.3934	0.3776	-0.0942	0.8512
monks-3	0.6786	0.3214	0.6778	0.3547	0.8463
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
musk	0.9242	0.0758	0.8422	0.6644	0.3819
MUT_ci300400a_cdk_ECFP2	0.6559	0.3441	0.7157	0.3576	0.6536

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP4	0.7126	0.2874	0.7416	0.4464	0.6950
MUT_ci300400a_cdk_ECFP6	0.7090	0.2910	0.7348	0.4375	0.7142
MUT_ci300400a_cdk_ESTATE	0.5935	0.4065	0.6554	0.2474	0.7368
MUT_ci300400a_cdk_EXTENDED	0.6763	0.3237	0.7193	0.3864	0.6950
MUT_ci300400a_cdk_FCFP2	0.6719	0.3281	0.6862	0.2438	0.5636
MUT_ci300400a_cdk_FCFP4	0.6655	0.3345	0.7186	0.3718	0.6682
MUT_ci300400a_cdk_FCFP6	0.6199	0.3801	0.6999	0.3024	0.6201
MUT_ci300400a_cdk_MACCS	0.6535	0.3465	0.7027	0.3478	0.7049
MUT_ci300400a_cdk_PUBCHEM	0.7186	0.2814	0.7220	0.3691	0.6179
MUT_ci300400a_cdk_STANDARD	0.6683	0.3317	0.7255	0.3790	0.6441
MUT_ci300400a_rdkit_descriptors	0.6629	0.3371	0.7156	0.3649	0.6696
myocardial	0.8471	0.0382	0.1596	0.1424	0.1210
naticusdroid	0.9601	0.0399	0.9601	0.9202	0.2252
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.5000	0.1667	0.3793	0.4000	0.1784
ncRNA	0.7612	0.0251	0.1941	0.4877	0.9471
ncRNA1%	0.8299	0.0179	0.1981	0.4344	0.3484
ncRNA10%	0.8292	0.0180	0.2221	0.4487	0.4294
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.8309	0.0077	0.8303	0.8255	0.1301
newspop	0.5330	0.4670	0.5325	0.0650	0.9783
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.8030	0.1970	0.7524	0.3951	0.4165
NPHA-doctor-visits	0.4861	0.3426	0.2800	-0.0484	0.6379
nursery	0.8650	0.0675	0.7737	0.7995	0.1529
obesity	0.4028	0.1706	0.4201	0.3056	0.3596
obs	0.8148	0.0926	0.8545	0.7196	0.2278
occupancy	0.9888	0.0112	0.9846	0.9689	0.1266
Occupancy_Estimation	0.9911	0.0044	0.9694	0.9729	0.0142
oh0-wc	0.8218	0.0356	0.7985	0.7949	0.1729
oh10-wc	0.6857	0.0629	0.6406	0.6401	0.2853
oh15-wc	0.7065	0.0587	0.6932	0.6672	0.2892
oh5-wc	0.8242	0.0352	0.8083	0.8008	0.1516
ohscal-wc	0.7491	0.0502	0.7360	0.7193	0.3345
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9000	0.1000	0.4767	-0.0151	0.5253
opn310k10%	0.9028	0.0972	0.4744	-0.0159	0.5152
opnat310k-hg16-17	0.9023	0.0977	0.4783	-0.0110	0.4763
optdigits	0.9431	0.0114	0.9457	0.9367	0.0792
optdigitsZ	0.9911	0.0089	0.9728	0.9456	0.1683
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9763	0.0237	0.7961	0.4909	0.0773
ozone8hr	0.8854	0.1146	0.6661	0.3223	0.6485
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8247	0.1753	0.8181	0.6287	0.6182
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8729	0.7455	0.5050
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.9050	0.8227	0.1055
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.6303	0.3697	0.7063	0.3291	0.6427
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8476	0.1524	0.8040	0.6040	0.6009
particle10%	0.8169	0.1831	0.7951	0.5810	0.6511
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcmac	0.4536	0.5464	0.4495	-0.1003	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8026	0.1974	0.7323	0.4643	0.7220
pediatric-leukemia	0.5588	0.1260	0.5149	0.4592	0.3880
pendigits	0.9490	0.0102	0.9488	0.9433	0.0790
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
persistency	0.7201	0.2799	0.7661	0.4719	0.6087
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9306	0.0694	0.9298	0.8497	0.2273
PhiUSIIL	0.9992	0.0008	0.9991	0.9983	0.0097
PhiUSIIL10%	0.9979	0.0021	0.9978	0.9957	0.0217
phone-acc0.1%	0.1409	0.2455	0.0353	0.0000	0.4031
phone-acc1%	0.5467	0.1295	0.5508	0.4703	0.4437
phone-acc10%	0.1365	0.2467	0.0343	0.0000	0.4038
phone-gyr0.1%	0.1594	0.2402	0.0393	0.0000	0.3999
phone-gyr1%	0.4492	0.1574	0.4792	0.3573	0.4175
phone-gyr10%	0.1592	0.2402	0.0392	0.0000	0.3999
phoneme	0.7389	0.2611	0.6433	0.1231	0.5152
phy	0.6358	0.3642	0.6358	0.2714	0.8942
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9895	0.0070	0.9818	0.9669	0.0722
placement	0.7790	0.2210	0.7767	0.5518	0.7025
plant-growth	0.5789	0.4211	0.6724	0.1915	0.5232
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4634	0.1193	0.1071	0.0036	0.2967
poker1%	0.0507	0.2712	0.0645	-0.0062	0.3000
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9577	0.0423	0.4892	-0.0055	0.3813
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9224	0.0776	0.5680	0.1340	0.6573
polish-5th	0.9306	0.0694	0.6122	0.1119	0.4175
polya	0.7038	0.2962	0.6662	0.3285	0.8312
popularity	0.5087	0.3275	0.3596	0.0369	0.7553
post-operative	0.7778	0.2222	0.8163	0.5714	0.5000
postures	0.7023	0.1191	0.7263	0.6273	0.3359
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6338	0.2647	0.8906
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5152	0.0746	0.5170	0.4629	0.2623
processed	0.9800	0.0200	0.9779	0.9549	0.1530
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.7071	0.1172	0.6319	0.6096	0.3834
puc-rio10%	0.7544	0.0983	0.6766	0.6707	0.3304
pufs-1281%	0.5048	0.4952	0.5048	0.0097	0.9973
pufs-12810%	0.5030	0.4970	0.5030	0.0061	0.9983
pufs-64	0.4995	0.5005	0.4995	-0.0010	1.0000
pufs-641%	0.5029	0.4971	0.5029	0.0058	0.9984
pufs-6410%	0.5010	0.4990	0.5010	0.0021	0.9994
pulsar	0.9697	0.0303	0.9052	0.8076	0.2943
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
rcv11%	0.7556	0.0119	0.4251	0.7281	0.2370
re0-wc	0.8800	0.0185	0.9032	0.8441	0.1865
re1-wc	0.7590	0.0193	0.5834	0.7261	0.2139
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
relathe	0.8803	0.1197	0.8930	0.7637	0.3599
reuters21578	0.8904	0.0046	0.5856	0.8500	0.1052
rice	0.9863	0.0137	0.9861	0.9722	0.0959
rnaseq	0.9500	0.0200	0.9367	0.9343	0.0716
rocket	0.5907	0.4093	0.6442	0.2394	0.7750
RT_IOT2022	0.9522	0.0080	0.7683	0.8798	0.0551
satimage	0.8398	0.0534	0.8250	0.8041	0.2157
satimageF	0.9829	0.0171	0.9557	0.9113	0.2122
satimageT	0.7932	0.2068	0.5690	0.1294	0.6806
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5588	0.4412	0.5589	0.1176	0.9612
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9038	0.0962	0.6174	0.2343	0.6598
secondary_mushroom	0.4452	0.5548	0.3081	0.0000	0.5302
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9524	0.0136	0.9572	0.9443	0.0608
segmentation	0.7970	0.2030	0.7795	0.5590	0.6890
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.6473	0.3527	0.6329	0.1379	0.3752
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-10-gram	0.7717	0.2283	0.6376	0.2558	0.7007
sens-2-gram	0.6553	0.3447	0.5963	0.1488	0.6248
sens-3-gram	0.8684	0.1316	0.6013	0.1055	0.5237
sens-4-gram	0.7368	0.2632	0.5825	0.1510	0.7071
sens-5-gram	0.7737	0.2263	0.5787	0.1534	0.7413
sens-6-gram	0.8342	0.1658	0.6013	0.1999	0.7492
sens-7-gram	0.8132	0.1868	0.4913	-0.0158	0.7899
sens-8-gram	0.8605	0.1395	0.5807	0.1104	0.6333
sens-9-gram	0.8737	0.1263	0.6323	0.1412	0.4751
sensorless	0.7884	0.0385	0.7911	0.7672	0.1837
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8873	0.1127	0.7967	0.5913	0.6092
shuttle	0.9267	0.0209	0.6896	0.7751	0.4226
sick	0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.8115	0.1885	0.6613	0.2832	0.6845
skin10%	0.8480	0.1520	0.7439	0.4686	0.6208
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2400	0.3800	0.0968	-0.0270	0.4810
smk_can_187	0.5263	0.4737	0.5278	0.0552	0.9801
smoking	0.6315	0.3685	0.5905	0.1794	0.9117
soil_pollution	0.1933	0.3227	0.1221	-0.0009	0.4790
solar-flare	0.6763	0.1079	0.5294	0.5798	0.1729
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9265	0.0077	0.9484	0.9196	0.0432
spam-detection	0.8880	0.1120	0.7850	0.5263	0.5853
spambase	0.8304	0.1696	0.8270	0.6233	0.4947
spect	0.7037	0.2963	0.5714	0.1429	0.8514
spectf	0.8286	0.1714	0.7887	0.4878	0.3453
spectrometer	0.4808	0.0385	0.3492	0.4503	0.1561
splice-EI	0.9558	0.0442	0.9434	0.8858	0.3029
splice-IE	0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles	0.7500	0.2500	0.7256	0.4484	0.7619
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.6452	0.3548	0.3922	0.0000	0.4773

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel_industry	0.6718	0.2188	0.5850	0.4707	0.3948
steel-b	0.8000	0.2000	0.6624	0.0749	0.3544
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.6359	0.3641	0.6485	0.2796	0.8276
steel-p	0.9282	0.0718	0.7214	0.4253	0.5579
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957
stock	0.8819	0.1181	0.7826	0.5543	0.5665
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.6560	0.3440	0.6491	0.2962	0.8734
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.2950	0.2820	0.2148	-0.0417	0.5752
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3846	0.2462	0.1176	0.0299	0.3695
student-workday	0.4688	0.2125	0.2654	0.2041	0.2429
studentap	0.3077	0.4615	0.3111	-0.0636	0.7870
susy	0.6661	0.3339	0.6672	0.3329	0.8571
susy1%	0.7406	0.2594	0.7394	0.4786	0.7650
susy10%	0.7706	0.2294	0.7688	0.5325	0.7045
swarm_aligned	0.9996	0.0004	0.9995	0.9990	0.0070
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	0.9988	0.0012	0.9987	0.9973	0.0130
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.7344	0.2656	0.4234	0.0000	0.4146
texture	0.9964	0.0007	0.9964	0.9960	0.0058
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.2766	0.7234	0.5152	0.0111	0.4601
thrombin	0.9895	0.0105	0.8723	0.7447	0.3979
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8646	0.1354	0.8433	0.6728	0.5617
tis10%	0.7463	0.2537	0.6583	0.3165	0.8046
titanic	0.6818	0.3182	0.6324	0.0190	0.4554
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.8780	0.0271	0.7781	0.8490	0.0951
trec12-wc	0.7742	0.0565	0.7014	0.7232	0.1428
trec21-wc	0.9394	0.0242	0.7708	0.8738	0.1263
trec23-wc	0.7619	0.0794	0.5540	0.6546	0.2226
trec31-wc	0.9355	0.0215	0.9169	0.9137	0.0806
trec41-wc	0.8636	0.0273	0.7120	0.8318	0.1104
trec45-wc	0.8261	0.0348	0.7701	0.7962	0.1579
tuandromd	0.9753	0.0247	0.9613	0.9225	0.1889
turkish	0.8500	0.0750	0.8563	0.8000	0.2043
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.9154	0.0846	0.9088	0.8176	0.3974
tvnews10%	0.8427	0.1573	0.8439	0.6773	0.5617
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8507	0.0332	0.8752	0.8254	0.1139
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7262	0.1369	0.7000	0.6344	0.2336

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.6768	0.0588	0.7044	0.6444	0.1664
vowelZ	0.9495	0.0505	0.8905	0.7556	0.4786
vrnormat310k-hg16-17	0.8645	0.1355	0.7168	0.4035	0.6282
wap-wc	0.8205	0.0179	0.6265	0.7991	0.1184
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1553	0.2414	0.0384	0.0000	0.4001
watch-acc1%	0.1553	0.2413	0.0384	0.0000	0.4000
watch-acc10%	0.5030	0.1420	0.5030	0.4161	0.5168
watch-gyr	0.1309	0.2483	0.0331	0.0000	0.4050
watch-gyr1%	0.1307	0.2484	0.0330	0.0000	0.4050
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8320	0.1120	0.8341	0.7482	0.3450
weather-related	0.8923	0.0196	0.9049	0.8783	0.0945
web-phishing	0.8148	0.1235	0.6614	0.6596	0.4652
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.1745	0.3302	0.0594	0.0000	0.4014
white-clover	0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9648	0.0352	0.7756	0.4986	0.3319
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5849	0.1384	0.2710	0.3189	0.3978
winequality-white	0.4294	0.1902	0.2304	0.1557	0.4763
winnipeg	0.9866	0.0038	0.9807	0.9831	0.0413
winnipeg10%	0.9693	0.0088	0.9491	0.9612	0.0946
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.5000	0.1111	0.3725	0.3535	0.3583
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.9194	0.0161	0.9114	0.9096	0.1214

Table 474: Detailed results for SRAMSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.0000	0.0833	0.0000	0.0000	0.3248
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2333	0.0769	0.0000	0.3345
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.8548	0.0968	0.5907	0.7278	0.2511
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.9048	0.0952	0.9047	0.8037	0.4148
biomed	0.3810	0.6190	0.2759	0.0000	0.5189
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.2727	0.2424	0.0714	0.0000	0.3750
bridges	0.1000	0.2571	0.0260	0.0000	0.3259
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8103	0.0948	0.3969	0.5843	0.2575
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.8696	0.1304	0.8657	0.7285	0.5029
cardiotocography	0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp	0.1361	0.5759	0.0799	0.0000	0.2637
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.7250	0.1833	0.6631	0.5344	0.3937
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.0598	0.9402	0.0564	0.0000	0.1533
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9884	0.0116	0.9446	0.8828	0.3522
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7579	0.2421	0.7511	0.4992	0.7379
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.9500	0.0500	0.9461	0.8864	0.1761
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5170	0.3220	0.5019	0.2189	0.6866
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5172	0.4828	0.4658	-0.0684	0.9797
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.6774	0.3226	0.4038	0.0000	0.4574
column-3c	0.1935	0.5376	0.1081	0.0000	0.4148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.4952	0.5048	0.3312	0.0000	0.5289
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.7037	0.2963	0.7303	0.3344	0.4688
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.3750	0.4167	0.3158	0.0244	0.6574
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.7500	0.1667	0.7616	0.6098	0.2841
DIA	0.7500	0.2500	0.6153	0.2105	0.7950
diabetes	0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.8667	0.0667	0.6913	0.8112	0.1135
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.3228	0.4515	0.1627	0.0000	0.3888
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.1277	0.2492	0.0323	0.0000	0.3211
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.1223	0.2508	0.0311	0.0000	0.3189

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2181	0.2234	0.0512	0.0000	0.3777
drug-07	0.3617	0.2128	0.0885	0.0000	0.2699
drug-08	0.5479	0.1292	0.1022	0.0077	0.3116
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5372	0.1322	0.1485	0.1211	0.3721
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1596	0.1142	0.0000	0.2921
drug-17	0.1064	0.2553	0.0275	0.0000	0.3792
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.4412	0.1397	0.0765	0.0000	0.2765
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.0102	0.1237	0.0013	0.0000	0.3919
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0163	0.1157	0.0019	0.0000	0.3803
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8824	0.1176	0.8902	0.7568	0.3261
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8125	0.0625	0.6236	0.7513	0.0899
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.9423	0.0288	0.9319	0.9203	0.0754
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.2524	0.4984	0.1343	0.0000	0.4017
german	0.7200	0.2800	0.6750	0.2802	0.6783
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.3810	0.2063	0.0920	0.0000	0.3180
glass-g2	0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.2667	0.1176	0.2832
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.3039	0.2258	0.4213
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.0898	0.2601	0.0235	0.0000	0.3024
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.3750	0.4167	0.3965	0.0244	0.7361
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.0714	0.2321	0.0250	-0.1304	0.4721
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.4334	0.2685	0.5960
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7288	0.2712	0.6560	0.0817	0.4230
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.8000	0.1333	0.7722	0.6939	0.2545
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.0000	0.0833	0.0000	0.0000	0.1928
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6724	0.3440	0.7669
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9000	0.1000	0.8977	0.7746	0.2781
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.2647	0.0639	0.1666	0.2266	0.2187
led24	0.5000	0.1000	0.3468	0.4350	0.2189
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.5833	0.0556	0.5415	0.5534	0.1552
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7353	0.2647	0.7051	0.4093	0.7890
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8491	0.0431	0.5338	0.7878	0.1034
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.0714	0.4643	0.0333	0.0000	0.2997
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.4149	0.5851	0.2932	0.0000	0.5268
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.8646	0.1354	0.8643	0.7285	0.5266
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.6238	0.2508	0.6283	0.4168	0.5517
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.7217	0.2783	0.7220	0.4416	0.7856
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.9226	0.8475	0.1019
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.2358	0.5094	0.1272	0.0000	0.4229
mines	0.1765	0.3294	0.0600	0.0000	0.4046
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.7143	0.1905	0.2778	0.0000	0.2774
new-thyroidT	0.1429	0.8571	0.1250	0.0000	0.3113
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9956	0.0044	0.9917	0.9833	0.0224
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.6759	0.1620	0.6943	0.4960	0.4238
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.0526	0.2105	0.0111	0.0000	0.3790
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.1028	0.1794	0.0186	0.0000	0.4062
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7167	0.2833	0.4175	0.0000	0.4290
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.0000	0.6667	0.0000	0.0000	0.3386
postures	0.2083	0.3167	0.0690	0.0000	0.4007

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6847	0.3529	0.8074
prestige	0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor	0.1818	0.0744	0.0140	0.0000	0.3153
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0060	0.0795	0.0005	0.0000	0.3636
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.2271	0.2576	0.0617	0.0000	0.3819
satimageF	0.8911	0.1089	0.4712	0.0000	0.2371
satimageT	0.1011	0.8989	0.0918	0.0000	0.2389
scadi	0.4286	0.1633	0.0857	0.0000	0.2912
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.1472	0.2437	0.0367	0.0000	0.4017
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.5000	0.5000	0.3333	0.0000	0.5283
skin	0.7923	0.2077	0.4421	0.0000	0.3603

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.3957	0.6043	0.2835	0.0000	0.5229
spect	0.7778	0.2222	0.6786	0.3571	0.7720
spectf	0.8286	0.1714	0.7770	0.5227	0.5679
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.4000	0.4000	0.1905	0.0000	0.2619
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9744	0.0256	0.9611	0.9221	0.2232
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.0821	0.9179	0.0758	0.0000	0.2013
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9590	0.0410	0.8893	0.7772	0.4339
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.3348	0.4435	0.1672	0.0000	0.4165
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.4000	0.2400	0.1586	0.0541	0.3722
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.6420	0.3868	0.4512
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.1250	0.2917	0.0370	0.0000	0.3260
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.8000	0.1000	0.7960	0.7333	0.2330
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.7500	0.1250	0.7137	0.6632	0.2458
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.0909	0.1653	0.0152	0.0000	0.4085
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.8074	0.1284	0.5561	0.6378	0.3246
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.0000	0.5000	0.0000	0.0000	0.2620
wifi-loc	0.9200	0.0400	0.9208	0.8933	0.1344
wilt	0.0497	0.9503	0.0473	0.0000	0.1299
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5723	0.1426	0.2096	0.2736	0.3251
winequality-white	0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 475: Detailed results for SSVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1711	0.0789	0.1347	0.0928	0.6245
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9787	0.0213	0.6314	0.2507	0.5509
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8889	0.0741	0.5209	0.1439	0.1376
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
aids	0.8451	0.1549	0.7742	0.5348	0.6057
air_pollution	0.1000	0.2571	0.0529	0.0048	0.4581
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9374	0.0313	0.8892	0.8818	0.1138
anuran-genus	0.9096	0.0226	0.8322	0.8491	0.0914
anuran-species	0.9000	0.0200	0.8854	0.8528	0.0855
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.7325	0.2675	0.7333	0.4650	0.7718
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%	0.6773	0.3227	0.4636	-0.0066	0.0729
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.5556	0.0684	0.0549	0.0000	0.2376
auction	0.9314	0.0686	0.8287	0.6157	0.3034
audiology	0.5455	0.0826	0.4506	0.4472	0.2327
audit-risk	0.9615	0.0385	0.9598	0.9193	0.2145
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.2000	0.2667	0.0606	-0.0631	0.5246
avila	0.8275	0.0287	0.8257	0.7700	0.2247
babies	0.3790	0.1774	0.1180	-0.0119	0.3262
balance	0.8871	0.0753	0.7040	0.7978	0.3516
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.6400	0.3600	0.6061	0.1509	0.7624
barleyblumeria	0.6452	0.3548	0.6289	0.0243	0.4787

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9970	0.0030	0.9069	0.8003	0.0973
bio10%	0.9966	0.0034	0.9069	0.8131	0.3595
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	0.9048	0.0952	0.9114	0.8073	0.3522
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5343	0.2328	0.5038	0.3791	0.4330
brain-tumor	0.4980	0.5020	0.4977	-0.0046	0.9958
breast-cancer	0.6429	0.3571	0.3913	-0.1290	0.9033
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.2000	0.2286	0.1099	0.1111	0.3002
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9667	0.0333	0.9606	0.9180	0.1262
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6437	0.1782	0.3038	0.2372	0.3762
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.6522	0.3478	0.6583	0.2031	0.6282
cardiotocography	0.6667	0.0667	0.6438	0.5798	0.2648
cardiotocography-nsp	0.8732	0.0845	0.7317	0.5618	0.1790
cardiovascular	0.6550	0.3450	0.6553	0.3099	0.8731
cargo2k	0.4086	0.3942	0.5260	0.0946	0.4000
cars	0.7250	0.1833	0.6421	0.4989	0.4739
cas_N6512_cdk_ECFP2	0.4624	0.5376	0.5308	0.0022	0.5547
cas_N6512_rdkit_ATOMPAIR	0.4677	0.5323	0.5982	0.0106	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4632	0.5368	0.5949	0.0026	0.5307
cas_N6512_rdkit_AVALON	0.4624	0.5376	0.5948	0.0026	0.5307
cas_N6512_RDkit_Avalon_FP	0.4632	0.5368	0.5949	0.0026	0.5307
cas_N6512_rdkit_descriptors	0.6385	0.3615	0.6580	0.2368	0.7024
cas_N6512_rdkit_FEATMORGAN	0.5284	0.4716	0.4300	-0.0199	0.6799
cas_N6512_RDkit_Featmorgan_FP	0.5322	0.4678	0.4630	-0.0102	0.6562
cas_N6512_RDkit_FP	0.5475	0.4525	0.5801	0.0224	0.5664
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.4899	-0.0009	0.5729
cas_N6512_RDkit_Layered_FP	0.4647	0.5353	0.5317	0.0044	0.5726
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4631	0.5369	0.5949	0.0026	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.5530	0.4470	0.6193	0.0356	0.5191
cas_N6512_rdkit_TORSION	0.4492	0.5508	0.3791	-0.0256	0.6738
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3575	0.6425	0.5779	0.0057	0.5094
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9587	0.0413	0.6642	0.1994	0.3356
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6405	0.1038	0.2709
CDS49_AID687_Rdkit-ecfp4-fp	0.9927	0.0073	0.4982	-0.0032	0.4017
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9884	0.0116	0.9307	0.8512	0.0446

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2755	0.3623	0.1895	0.0018	0.3586
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9992	0.0008	0.7839	0.5621	0.4216
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.8053	0.1947	0.5325	0.0003	0.0035
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8020	0.1980	0.6119	0.1393	0.6202
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.5714	0.2857	0.2424	0.0000	0.3038
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.3028	0.3486	0.1919	0.0255	0.5164
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5034	0.3311	0.4652	0.2065	0.7260
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.7713	0.0416	0.5884	0.7176	0.2809
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.7792	0.2208	0.7113	0.2550	0.3853
collins	0.0600	0.1253	0.0075	0.0000	0.3924
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c	0.7931	0.2069	0.6969	0.2018	0.3671
column-2c	0.8387	0.1613	0.8092	0.5995	0.5508
column-3c	0.7742	0.1505	0.7347	0.6353	0.3862
comedy_comparisons1%	0.5189	0.4811	0.5253	0.0044	0.5859
connect-4	0.0086	0.6609	0.0124	-0.0022	0.0986
cottonmeloidogyne	0.5264	0.4736	0.5886	0.0610	0.6276
coupon	0.4345	0.5655	0.5246	0.0033	0.5703
covtype	0.3570	0.1837	0.0809	-0.0148	0.2743
covtype10%	0.3583	0.1833	0.0816	-0.0123	0.2710
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9995	0.0005	0.9239	0.8442	0.1659
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.7871	0.0710	0.5301	0.4188	0.1608
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.4062	0.0297	0.2904	0.3896	0.0837
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.6296	0.3704	0.6207	0.2105	0.8344
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0347	0.0026	0.4750
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8040	0.1960	0.6615	0.2201	0.5670
defect	0.8796	0.1204	0.7449	0.3728	0.3479

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dementia	0.5500	0.4500	0.5528	0.0741	0.8391
deposit	0.8921	0.1079	0.6635	0.2430	0.5146
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.2432	0.2523	0.1566	0.0766	0.4174
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.3846	0.6154	0.4526	-0.0452	0.8105
diabetic	0.4184	0.3877	0.3349	0.0397	0.5238
diabetic1%	0.3529	0.4314	0.1739	0.0000	0.3564
diabetic10%	0.3487	0.4342	0.1724	0.0000	0.3584
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.3993	0.2403	0.1141	-0.0003	0.3322
dishonest	0.4062	0.5938	0.4355	-0.1095	0.9082
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%	0.2856	0.7144	0.5335	0.0011	0.0140
dna1%	0.2788	0.7212	0.5113	0.0003	0.0152
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4722	0.5278	0.4866	-0.0020	0.5994
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.3826	0.6174	0.5077	0.0034	0.6336
dropout	0.4966	0.3356	0.3504	0.0081	0.4509
drug-01	0.3777	0.1778	0.1085	-0.0128	0.4810
drug-02	0.5319	0.1337	0.2419	0.0627	0.3499
drug-03	0.6915	0.0881	0.1583	0.0191	0.2372
drug-04	0.5319	0.1337	0.1833	0.0198	0.3615
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3617	0.1824	0.2087	0.1701	0.4958
drug-07	0.4415	0.1596	0.1810	0.0469	0.3616
drug-08	0.5638	0.1246	0.1963	0.0568	0.3099
drug-09	0.8564	0.0410	0.1318	-0.0134	0.2970
drug-10	0.5426	0.1307	0.1505	0.0376	0.3521
drug-11	0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12	0.7872	0.0608	0.1262	0.0121	0.2662
drug-13	0.5798	0.1201	0.1972	0.0395	0.3771
drug-14	0.5691	0.1231	0.1277	0.0377	0.3032
drug-15	0.7606	0.0684	0.1238	0.0162	0.1808
drug-16	0.5426	0.1307	0.2193	0.0693	0.2768
drug-17	0.3723	0.1793	0.2118	0.0962	0.4269
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7606	0.0684	0.1238	0.0032	0.2636
drybean	0.9251	0.0214	0.9359	0.9094	0.1264
ecoli	0.8235	0.0441	0.5209	0.7515	0.1319
ecoliCP-IM	0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0388	0.1202	0.1830	0.0201	0.4130
eeg-eye	0.9179	0.0821	0.9170	0.8341	0.3804
eeg10%	0.0423	0.1197	0.1523	0.0212	0.4448
eucalyptus	0.4110	0.2356	0.4212	0.1899	0.4219
euthyroid	0.9684	0.0316	0.9051	0.8043	0.2574

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
farm-ads	0.6981	0.3019	0.7383	0.3678	0.5107
fbis-wc	0.0406	0.1129	0.0265	0.0035	0.3823
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7451	0.2549	0.7414	0.4792	0.7518
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts10%	0.2069	0.0104	0.0684	0.1913	0.3382
forest	0.5192	0.2404	0.4909	0.3347	0.3561
gas	0.9792	0.0069	0.9770	0.9747	0.0455
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6063	0.2625	0.4581	0.1609	0.5495
gene	0.6025	0.2650	0.5966	0.2258	0.3393
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2483	0.3759	0.0995	-0.0011	0.4124
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8095	0.0635	0.8561	0.7383	0.1866
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.8478	0.6441	0.5283
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.4000	0.0833	0.0000	0.3270
glioma-grade	0.5833	0.4167	0.3684	0.0000	0.5068
green	0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage	0.2667	0.3667	0.1053	-0.0927	0.5231
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.8000	0.2000	0.7266	0.4444	0.7074
hapt	0.9369	0.0105	0.8288	0.9256	0.1369
har	0.6228	0.1509	0.6475	0.5065	0.4304
har701%	0.9168	0.0238	0.5973	0.8775	0.2486
har7010%	0.7019	0.0852	0.3438	0.5360	0.2828
harth1%	0.5625	0.0729	0.2514	0.4189	0.1995
harth10%	0.5630	0.0728	0.2420	0.4192	0.2032
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.6667	0.3333	0.6496	0.2334	0.7293
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure	0.8440	0.1560	0.8166	0.6328	0.6064
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%	0.8367	0.1633	0.8367	0.6733	0.5903
hepmass10%	0.8356	0.1644	0.8356	0.6711	0.5926
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.5309	0.4691	0.3468	0.0000	0.5229
higgs1%	0.6402	0.3598	0.6372	0.2675	0.8770
higgs10%	0.6414	0.3586	0.6388	0.2717	0.8780
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.5625	0.4375	0.6316	0.0705	0.5185

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.3333	0.4444	0.3897	0.0314	0.3812
hotel-reservartions	0.6585	0.3415	0.4379	-0.0225	0.6665
ht-sensor	0.5389	0.3074	0.5654	0.3096	0.6378
ht-sensor10%	0.5318	0.3122	0.5582	0.2992	0.6434
htru2	0.9777	0.0223	0.9301	0.8580	0.2226
hypothyroid	0.9072	0.0464	0.2378	-0.0043	0.1729
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.6069	0.1995	0.8360
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.9333	0.0333	0.9338	0.9111	0.1398
ionosphere	0.9143	0.0857	0.9146	0.8148	0.3671
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.3000	0.7000	0.2308	-0.4856	1.0000
isolet	0.8626	0.0106	0.8807	0.8571	0.1111
jm1	0.8108	0.1892	0.6230	0.1944	0.6809
jvowels	0.9799	0.0045	0.9794	0.9772	0.0293
kc1	0.8483	0.1517	0.6284	0.1834	0.6003
kc1-class-level-defectiveornot	0.6000	0.4000	0.3750	0.0000	0.5000
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.7118	0.4235	0.7319
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.2310	0.1183	0.0818	0.0413	0.1944
kddcup9910%	0.1910	0.0852	0.0175	0.0051	0.2003
kepler	0.8525	0.0983	0.8019	0.7572	0.2320
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.8036	0.0218	0.8222	0.7806	0.2066
krvskp	0.5016	0.4984	0.4859	-0.0236	0.9575
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.7059	0.0256	0.6597	0.6906	0.0813
led24	0.0500	0.1900	0.0095	0.0000	0.3959
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.3865	0.0472	0.5020	0.3625	0.2964
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.3889	0.0815	0.4265	0.3492	0.2561
linkage1%	0.0000	1.0000	0.0000	-0.0073	0.0348
linkage10%	0.0000	1.0000	0.0000	-0.0073	0.0347
liver	0.7353	0.2647	0.7218	0.4354	0.7621
loan	0.9204	0.0796	0.9148	0.8292	0.3758
lrs	0.3962	0.1208	0.0568	0.0000	0.2643
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.0714	0.4643	0.0357	-0.0400	0.3503
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.8685	0.1315	0.8544	0.7083	0.5334
mammography	0.4792	0.5208	0.6026	0.0184	0.5305
maternal	0.7624	0.1584	0.7667	0.6377	0.4601
mba	0.1613	0.5591	0.3599	0.0059	0.1902
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.5391	0.4609	0.5172	0.0333	0.9758
meter-A	0.7500	0.2500	0.7333	0.4667	0.7630
meter-B	0.8889	0.0741	0.8730	0.8235	0.1114
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.8333	0.0833	0.8366	0.7682	0.1492
mfeat-fac	0.1300	0.1740	0.2072	0.0333	0.3966
mfeat-fou	0.1150	0.1770	0.1487	0.0167	0.4019
mfeat-kar	0.1250	0.1750	0.1782	0.0278	0.3983
mfeat-mor	0.7100	0.0580	0.7142	0.6778	0.1896
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.2300	0.1540	0.3368	0.1444	0.3569
mice-prot	0.3056	0.1736	0.4147	0.1947	0.3433
milk	0.7925	0.1384	0.7937	0.6879	0.3963
mines	0.6471	0.1412	0.6578	0.5584	0.2869
mobile	0.1014	0.0321	0.1487	0.0854	0.3860
monks-1	0.9818	0.0182	0.9821	0.9636	0.1051
monks-2	0.9508	0.0492	0.9452	0.8898	0.2625
monks-3	0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4440	0.5560	0.4117	-0.0803	0.8722
music	0.1922	0.1469	0.3534	0.1111	0.4012
musk	0.8939	0.1061	0.7748	0.4360	0.2410
MUT_ci300400a_cdk_ECFP2	0.4185	0.5815	0.5044	0.0004	0.5597
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.4776	-0.0021	0.5720
MUT_ci300400a_cdk_ECFP6	0.4168	0.5832	0.4280	-0.0031	0.5597
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.6439	0.3561	0.6658	0.1683	0.5278
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.5264	0.0224	0.7475
MUT_ci300400a_cdk_FCFP4	0.5743	0.4257	0.4887	-0.0062	0.7153
MUT_ci300400a_cdk_FCFP6	0.5779	0.4221	0.4882	-0.0039	0.6489
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.5844	0.4156	0.5569	0.0043	0.5305
MUT_ci300400a_cdk_STANDARD	0.6551	0.3449	0.6768	0.1970	0.5232
MUT_ci300400a_rdkit_descriptors	0.7707	0.2293	0.7920	0.5533	0.6214
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5039	0.4961	0.6039	0.0102	0.5281
NCI60	0.3333	0.2222	0.2500	0.2000	0.3026
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.8559	0.0152	0.1785	0.5041	0.1588
ncRNA10%	0.8621	0.0145	0.2041	0.5398	0.1393
neo	0.9029	0.0971	0.6243	0.0059	0.2299
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6481	0.3519	0.6454	0.2902	0.8823
NHANES_age_prediction	0.9515	0.0485	0.9048	0.7979	0.2301
NPHA-doctor-visits	0.5139	0.3241	0.3779	0.0922	0.7207
nursery	0.0000	0.5000	0.0000	-0.2999	0.3301
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.9815	0.0093	0.9868	0.9724	0.0319
occupancy	0.9903	0.0097	0.9865	0.9728	0.1085
Occupancy_Estimation	0.9714	0.0143	0.9197	0.9138	0.0821

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.9123	0.0195	0.9075	0.8891	0.0542
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.1121	0.1776	0.1880	0.0233	0.4008
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9634	0.0146	0.6342	0.7918	0.1827
parkinson	0.8583	0.1417	0.8757	0.7218	0.4077
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.8421	0.1579	0.7920	0.4956	0.3261
particle	0.8996	0.1004	0.8729	0.7441	0.4631
particle10%	0.8762	0.1238	0.8416	0.6792	0.5229
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9718	0.0056	0.9745	0.9686	0.0363
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.5959	0.4041	0.5356	0.0598	0.9074
phone-acc0.1%	0.1440	0.2446	0.0640	0.0031	0.4692
phone-acc1%	0.1422	0.2451	0.0627	0.0009	0.4752
phone-gyr0.1%	0.1457	0.2441	0.0681	0.0009	0.4065
phone-gyr1%	0.1459	0.2440	0.0643	0.0008	0.4144
phoneme	0.8852	0.1148	0.8592	0.7184	0.5215
pima	0.7368	0.2632	0.7191	0.4081	0.7142
pirvision	0.9869	0.0087	0.9774	0.9588	0.0885
placement	0.7930	0.2070	0.7881	0.5761	0.6830
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9602	0.0398	0.5995	0.1144	0.4253
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th	0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th	0.9357	0.0643	0.6670	0.1920	0.3490
polya	0.6486	0.3514	0.6105	0.0248	0.5011
popularity	0.6580	0.2280	0.4086	0.2032	0.4851
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.7558	0.0977	0.7733	0.6943	0.3149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6793	0.3529	0.8356
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.1818	0.1259	0.0271	0.0273	0.3594
processed	0.6499	0.3501	0.4865	-0.0146	0.8197
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.7483	0.1007	0.6703	0.6507	0.3093
puc-rio10%	0.7320	0.1072	0.6513	0.6276	0.3281
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%	0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%	0.5019	0.4981	0.5019	0.0038	0.9989
pulsar	0.9785	0.0215	0.9329	0.8592	0.1352
raisin	0.9222	0.0778	0.9232	0.8444	0.3519
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.4412	0.5588	0.5078	0.0094	0.8204
RT_IOT2022	0.0418	0.1597	0.1014	0.0087	0.1680
satimage	0.8802	0.0399	0.8751	0.8529	0.1806
satimageF	0.9316	0.0684	0.8015	0.5129	0.1759
satimageT	0.9533	0.0467	0.8593	0.6826	0.1965
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.4706	0.5294	0.4627	-0.0588	0.9565
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5795	0.4205	0.5703	0.0743	0.7373
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9445	0.9292	0.0815
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8605	0.1395	0.5188	0.0127	0.5424
sens-10-gram	0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sensorless	0.2622	0.1341	0.3036	0.1885	0.3915
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.8471	0.0437	0.4584	0.4099	0.2031
sick	0.9549	0.0451	0.7842	0.5199	0.3443
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9240	0.0760	0.8876	0.7745	0.4528
skin10%	0.9992	0.0008	0.9988	0.9975	0.0129

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smarket	0.8880	0.1120	0.8879	0.7759	0.4659
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.7468	0.2532	0.7358	0.4694	0.7588
soil_pollution	0.1767	0.3293	0.1003	-0.0297	0.5576
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.0294	0.1022	0.0709	0.0149	0.3803
spam-detection	0.9415	0.0585	0.8026	0.5886	0.4446
spambase	0.8130	0.1870	0.8147	0.5770	0.4527
spect	0.4815	0.5185	0.3852	-0.2115	0.8519
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.1154	0.0655	0.0077	0.0000	0.3891
splice-EI	0.7918	0.2082	0.7081	0.2408	0.3706
splice-IE	0.8107	0.1893	0.7202	0.2763	0.3508
sport-articles	0.6400	0.3600	0.6310	0.0338	0.4822
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.2000	0.5333	0.1111	-0.4286	0.5000
steel_industry	0.4920	0.3387	0.3043	0.0201	0.5789
steel-b	0.8205	0.1795	0.6816	0.3038	0.6208
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9744	0.0256	0.9604	0.9175	0.0949
steel-o	0.7744	0.2256	0.7425	0.4465	0.6420
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9692	0.0308	0.7646	0.3900	0.0945
steel-z	0.9385	0.0615	0.7981	0.5428	0.3249
stock	0.9167	0.0833	0.8521	0.7004	0.4623
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8000	0.2000	0.7977	0.5953	0.6669
stress	0.8889	0.0444	0.8915	0.8612	0.1001
student-lifestyle	0.6200	0.1520	0.3493	0.3567	0.3883
student-depression	0.4387	0.5613	0.3981	-0.1987	1.0000
student-habits	0.1300	0.3480	0.0460	0.0000	0.3573
student-weekend	0.1385	0.3446	0.0486	0.0000	0.3801
student-workday	0.0156	0.3937	0.0063	-0.0010	0.3206
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.7916	0.2084	0.7924	0.5733	0.6465
susy10%	0.7878	0.2122	0.7890	0.5651	0.6495
tae	0.4667	0.3556	0.5344	0.2000	0.5887
telco-churn	0.2642	0.7358	0.2090	-0.0028	0.4726
texture	0.9327	0.0122	0.9480	0.9258	0.0650
theorem	0.9083	0.0917	0.9106	0.8055	0.2755
thoracic	0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7632	0.2368	0.7054	0.2400	0.4011
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.1810	0.8190	0.2444	-0.3006	0.8122
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.1818	0.8182	0.2129	-0.3824	0.9270
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.5938	0.1860	0.8482
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7152	0.2848	0.4702	-0.0547	0.8755
turkish	0.3000	0.3500	0.3921	0.0667	0.3906
tvnews1%	0.6385	0.3615	0.5754	0.0366	0.5919
ur3_cobotops_grip	0.9741	0.0259	0.7596	0.5003	0.4452
ur3_cobotops_stop	0.9687	0.0313	0.7223	0.3966	0.4197
urban	0.2090	0.1758	0.1274	0.0193	0.3667
ustilago	0.2754	0.7246	0.4939	-0.0006	0.0520
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.5714	0.2143	0.6001	0.4410	0.3639
vehicleVAN	0.9286	0.0714	0.9041	0.7895	0.2027
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.7907	0.2093	0.8218	0.5852	0.4416
vowel	0.3636	0.1157	0.5176	0.3000	0.3141
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9155	0.0845	0.6617	0.1795	0.3782
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.1406	0.2455	0.0673	0.0120	0.4733
watch-acc10%	0.1400	0.2457	0.0655	0.0112	0.4726
watch-gyr1%	0.1388	0.2461	0.0618	0.0042	0.4616
watch-gyr10%	0.1367	0.2466	0.0600	0.0018	0.4637
water_pollution	0.2433	0.3783	0.2674	-0.0009	0.5825
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.1942	0.1465	0.0302	0.0021	0.3757
web-phishing	0.8741	0.0840	0.8249	0.7740	0.3726
Weekly	0.8704	0.1296	0.8709	0.7331	0.4704
white-clover	0.0000	0.5000	0.0000	0.0000	0.2620
wifi-loc	1.0000	0.0000	1.0000	1.0000	0.0000
wilt	0.9917	0.0083	0.9582	0.9156	0.2543
wine	0.7647	0.1569	0.5773	0.5037	0.2360
winequality-red	0.7421	0.0860	0.3704	0.5766	0.2873
winequality-white	0.6687	0.0947	0.4111	0.4802	0.3643
winnipeg	0.9864	0.0039	0.9838	0.9828	0.0373
winnipeg10%	0.9840	0.0046	0.9841	0.9798	0.0350
wisc_bc	0.6316	0.3684	0.3871	0.0000	0.4848
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5270	0.0946	0.3858	0.3736	0.3960
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053
zip	0.8957	0.0209	0.8966	0.8832	0.1358

Table 476: Detailed results for SSVM(ovo)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1711	0.0789	0.1347	0.0928	0.6245
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9787	0.0213	0.6314	0.2507	0.5509
accident	0.7000	0.3000	0.7041	0.4000	0.7994
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8889	0.0741	0.5209	0.1439	0.1376
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
aids	0.8451	0.1549	0.7742	0.5348	0.6057
air_pollution	0.1000	0.2571	0.0529	0.0048	0.4581
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9374	0.0313	0.8892	0.8818	0.1138
anuran-genus	0.9096	0.0226	0.8322	0.8491	0.0914
anuran-species	0.9000	0.0200	0.8854	0.8528	0.0855
anxiety	0.1333	0.1926	0.0831	0.0226	0.6020
apple-quality	0.7325	0.2675	0.7333	0.4650	0.7718
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.6773	0.3227	0.4636	-0.0066	0.0729
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.5556	0.0684	0.0549	0.0000	0.2376
auction	0.9314	0.0686	0.8287	0.6157	0.3034
audiology	0.5455	0.0826	0.4506	0.4472	0.2327
audit-risk	0.9615	0.0385	0.9598	0.9193	0.2145
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.2000	0.2667	0.0606	-0.0631	0.5246
avila	0.8275	0.0287	0.8257	0.7700	0.2247
babies	0.4274	0.1636	0.1390	0.0916	0.4678
balance	0.8871	0.0753	0.7040	0.7978	0.3516
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.6400	0.3600	0.6061	0.1509	0.7624

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
barleyblumeria	0.6452	0.3548	0.6289	0.0243	0.4787
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9970	0.0030	0.9069	0.8003	0.0973
bio10%	0.9966	0.0034	0.9069	0.8131	0.3595
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	0.9048	0.0952	0.9114	0.8073	0.3522
bitcoin1%	0.9849	0.0043	0.1418	-0.0012	0.1539
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6261	0.1869	0.6250	0.5015	0.5066
brain-tumor	0.4980	0.5020	0.4977	-0.0046	0.9958
breast-cancer	0.6429	0.3571	0.3913	-0.1290	0.9033
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.2000	0.2286	0.1099	0.1111	0.3002
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.9667	0.0333	0.9606	0.9180	0.1262
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
car	0.6437	0.1782	0.3038	0.2372	0.3762
card	0.6522	0.3478	0.6583	0.2031	0.6282
cardiotocography	0.6667	0.0667	0.6438	0.5798	0.2648
cardiotocography-nsp	0.8732	0.0845	0.7317	0.5618	0.1790
cardiovascular	0.6550	0.3450	0.6553	0.3099	0.8731
cargo2k	0.4086	0.3942	0.5260	0.0946	0.4000
cars	0.7250	0.1833	0.6421	0.4989	0.4739
cas_N6512_cdk_ECFP2	0.4624	0.5376	0.5308	0.0022	0.5547
cas_N6512_rdkit_ATOMPAIR	0.4677	0.5323	0.5982	0.0106	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4632	0.5368	0.5949	0.0026	0.5307
cas_N6512_rdkit_AVALON	0.4624	0.5376	0.5948	0.0026	0.5307
cas_N6512_RDkit_Avalon_FP	0.4632	0.5368	0.5949	0.0026	0.5307
cas_N6512_rdkit_descriptors	0.6385	0.3615	0.6580	0.2368	0.7024
cas_N6512_rdkit_FEATMORGAN	0.5284	0.4716	0.4300	-0.0199	0.6799
cas_N6512_RDkit_Featmorgan_FP	0.5322	0.4678	0.4630	-0.0102	0.6562
cas_N6512_RDkit_FP	0.5475	0.4525	0.5801	0.0224	0.5664
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.4899	-0.0009	0.5729
cas_N6512_RDkit_Layered_FP	0.4647	0.5353	0.5317	0.0044	0.5726
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4631	0.5369	0.5949	0.0026	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.5530	0.4470	0.6193	0.0356	0.5191
cas_N6512_rdkit_TORSION	0.4492	0.5508	0.3791	-0.0256	0.6738
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3575	0.6425	0.5779	0.0057	0.5094
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9587	0.0413	0.6642	0.1994	0.3356
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6405	0.1038	0.2709
CDS49_AID687_Rdkit-ecfp4-fp	0.9927	0.0073	0.4982	-0.0032	0.4017
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9884	0.0116	0.9307	0.8512	0.0446

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2755	0.3623	0.1895	0.0018	0.3586
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9992	0.0008	0.7839	0.5621	0.4216
chrom21	0.8055	0.1945	0.5325	0.0003	0.0028
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.8053	0.1947	0.5325	0.0003	0.0035
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8020	0.1980	0.6119	0.1393	0.6202
churn-bigml	0.7491	0.2509	0.4916	-0.0167	0.8028
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.5714	0.2857	0.2424	0.0000	0.3038
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.3028	0.3486	0.1919	0.0255	0.5164
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5034	0.3311	0.4652	0.2065	0.7260
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.8849	0.0209	0.7299	0.8601	0.2124
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.7792	0.2208	0.7113	0.2550	0.3853
collins	0.0600	0.1253	0.0075	0.0000	0.3924
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c	0.7931	0.2069	0.6969	0.2018	0.3671
column-2c	0.8387	0.1613	0.8092	0.5995	0.5508
column-3c	0.7742	0.1505	0.7347	0.6353	0.3862
comedy_comparisons1%	0.5189	0.4811	0.5253	0.0044	0.5859
comedy_comparisons10%	0.4827	0.5173	0.3256	0.0000	0.5300
connect-4	0.0086	0.6609	0.0124	-0.0022	0.0986
cottonmeloidogyne	0.5264	0.4736	0.5886	0.0610	0.6276
coupon	0.4345	0.5655	0.5246	0.0033	0.5703
covtype	0.3570	0.1837	0.0809	-0.0148	0.2743
covtype10%	0.3583	0.1833	0.0816	-0.0123	0.2710
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9995	0.0005	0.9239	0.8442	0.1659
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.7871	0.0710	0.5301	0.4188	0.1608
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.4062	0.0297	0.2904	0.3896	0.0837
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1800	0.2733	0.1453	0.0165	0.7006
cyclopentane	0.6296	0.3704	0.6207	0.2105	0.8344
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0347	0.0026	0.4750
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
default	0.8040	0.1960	0.6615	0.2201	0.5670
defect	0.8796	0.1204	0.7449	0.3728	0.3479
dementia	0.5500	0.4500	0.5528	0.0741	0.8391
deposit	0.8921	0.1079	0.6635	0.2430	0.5146
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.2432	0.2523	0.1566	0.0766	0.4174
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.3846	0.6154	0.4526	-0.0452	0.8105
diabetic	0.4184	0.3877	0.3349	0.0397	0.5238
diabetic1%	0.3529	0.4314	0.1739	0.0000	0.3564
diabetic10%	0.3487	0.4342	0.1724	0.0000	0.3584
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
dishonest	0.4062	0.5938	0.4355	-0.1095	0.9082
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.6000	0.4000	0.3750	0.0000	0.5000
dna0.1%	0.2856	0.7144	0.5335	0.0011	0.0140
dna1%	0.2788	0.7212	0.5113	0.0003	0.0152
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4722	0.5278	0.4866	-0.0020	0.5994
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
drebin	0.3826	0.6174	0.5077	0.0034	0.6336
dropout	0.4966	0.3356	0.3504	0.0081	0.4509
drug-01	0.3777	0.1778	0.1085	-0.0128	0.4810
drug-02	0.5319	0.1337	0.2419	0.0627	0.3499
drug-03	0.6915	0.0881	0.1583	0.0191	0.2372
drug-04	0.5319	0.1337	0.1833	0.0198	0.3615
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3617	0.1824	0.2087	0.1701	0.4958
drug-07	0.4415	0.1596	0.1810	0.0469	0.3616
drug-08	0.5638	0.1246	0.1963	0.0568	0.3099
drug-09	0.8564	0.0410	0.1318	-0.0134	0.2970
drug-10	0.5426	0.1307	0.1505	0.0376	0.3521
drug-11	0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12	0.7872	0.0608	0.1262	0.0121	0.2662
drug-13	0.5798	0.1201	0.1972	0.0395	0.3771
drug-14	0.5691	0.1231	0.1277	0.0377	0.3032
drug-15	0.7606	0.0684	0.1238	0.0162	0.1808
drug-16	0.5426	0.1307	0.2193	0.0693	0.2768
drug-17	0.3723	0.1793	0.2118	0.0962	0.4269
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7606	0.0684	0.1238	0.0032	0.2636
drybean	0.9251	0.0214	0.9359	0.9094	0.1264
ecoli	0.8235	0.0441	0.5209	0.7515	0.1319
ecoliCP-IM	0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2079	-0.0557	0.8510
eeg	0.4175	0.0728	0.4573	0.3536	0.6185
eeg-eye	0.9179	0.0821	0.9170	0.8341	0.3804
eeg10%	0.3858	0.0768	0.3989	0.3183	0.5898
eucalyptus	0.4110	0.2356	0.4212	0.1899	0.4219

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
euthyroid	0.9684	0.0316	0.9051	0.8043	0.2574
farm-ads	0.6981	0.3019	0.7383	0.3678	0.5107
fbis-wc	0.0406	0.1129	0.0265	0.0035	0.3823
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7451	0.2549	0.7414	0.4792	0.7518
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.5192	0.2404	0.4909	0.3347	0.3561
gas	0.9935	0.0022	0.9937	0.9921	0.0172
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6063	0.2625	0.4581	0.1609	0.5495
gene	0.6025	0.2650	0.5966	0.2258	0.3393
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.3245	0.3378	0.3233	0.0993	0.8147
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8095	0.0635	0.8561	0.7383	0.1866
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.8478	0.6441	0.5283
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.4000	0.0833	0.0000	0.3270
glioma-grade	0.5833	0.4167	0.3684	0.0000	0.5068
green	0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage	0.2667	0.3667	0.1053	-0.0927	0.5231
gsalc	0.1111	0.2963	0.0333	0.0000	0.4018
haberman	0.8000	0.2000	0.7266	0.4444	0.7074
hapt	0.9661	0.0056	0.8607	0.9600	0.0521
har	0.7880	0.0848	0.7777	0.7304	0.3461
har701%	0.9168	0.0238	0.5973	0.8775	0.2486
har7010%	0.7709	0.0654	0.4145	0.6280	0.1712
harth1%	0.6757	0.0540	0.2630	0.5386	0.2294
harth10%	0.6745	0.0543	0.2625	0.5363	0.2362
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.6667	0.3333	0.6496	0.2334	0.7293
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure	0.8440	0.1560	0.8166	0.6328	0.6064
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%	0.8367	0.1633	0.8367	0.6733	0.5903
hepmass10%	0.8356	0.1644	0.8356	0.6711	0.5926
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.5309	0.4691	0.3468	0.0000	0.5229
higgs1%	0.6402	0.3598	0.6372	0.2675	0.8770
higgs10%	0.6414	0.3586	0.6388	0.2717	0.8780
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.5625	0.4375	0.6316	0.0705	0.5185

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.3333	0.4444	0.3897	0.0314	0.3812
ht-sensor	0.5985	0.2676	0.6019	0.3955	0.6315
ht-sensor10%	0.5875	0.2750	0.5909	0.3792	0.6427
htru2	0.9777	0.0223	0.9301	0.8580	0.2226
hypothyroid	0.9072	0.0464	0.2378	-0.0043	0.1729
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.6069	0.1995	0.8360
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.9507	0.0247	0.9512	0.9342	0.0974
ionosphere	0.9143	0.0857	0.9146	0.8148	0.3671
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.3000	0.7000	0.2308	-0.4856	1.0000
jm1	0.8108	0.1892	0.6230	0.1944	0.6809
jvowels	0.9799	0.0045	0.9794	0.9772	0.0293
kc1	0.8483	0.1517	0.6284	0.1834	0.6003
kc1-class-level-defectiveornot	0.6000	0.4000	0.3750	0.0000	0.5000
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.7118	0.4235	0.7319
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.8682	0.0879	0.8223	0.7824	0.2164
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.8036	0.0218	0.8222	0.7806	0.2066
krvskp	0.5016	0.4984	0.4859	-0.0236	0.9575
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.7059	0.0256	0.6597	0.6906	0.0813
led24	0.0500	0.1900	0.0095	0.0000	0.3959
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.8445	0.0120	0.8442	0.8382	0.1610
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.3889	0.0815	0.4265	0.3492	0.2561
linkage1%	0.0000	1.0000	0.0000	-0.0073	0.0348
linkage10%	0.0000	1.0000	0.0000	-0.0073	0.0347
liver	0.7353	0.2647	0.7218	0.4354	0.7621
loan	0.9204	0.0796	0.9148	0.8292	0.3758
lrs	0.3962	0.1208	0.0568	0.0000	0.2643
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.0714	0.4643	0.0357	-0.0400	0.3503
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.8685	0.1315	0.8544	0.7083	0.5334
mammography	0.4792	0.5208	0.6026	0.0184	0.5305

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
maternal	0.7624	0.1584	0.7667	0.6377	0.4601
math	0.1000	0.4500	0.0455	0.0000	0.3804
mba	0.1613	0.5591	0.3599	0.0059	0.1902
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1833	0.3267	0.1629	-0.0232	0.7904
messidor	0.5391	0.4609	0.5172	0.0333	0.9758
meter-A	0.7500	0.2500	0.7333	0.4667	0.7630
meter-B	0.8889	0.0741	0.8730	0.8235	0.1114
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.8333	0.0833	0.8366	0.7682	0.1492
mfeat-fac	0.1300	0.1740	0.2072	0.0333	0.3966
mfeat-fou	0.1150	0.1770	0.1487	0.0167	0.4019
mfeat-kar	0.1250	0.1750	0.1782	0.0278	0.3983
mfeat-mor	0.7100	0.0580	0.7142	0.6778	0.1896
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.2300	0.1540	0.3368	0.1444	0.3569
mice-prot	0.3056	0.1736	0.4147	0.1947	0.3433
milk	0.8868	0.0755	0.8896	0.8292	0.2642
mines	0.6471	0.1412	0.6578	0.5584	0.2869
mobile	0.1014	0.0321	0.1487	0.0854	0.3860
monks-1	0.9818	0.0182	0.9821	0.9636	0.1051
monks-2	0.9508	0.0492	0.9452	0.8898	0.2625
monks-3	0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.4440	0.5560	0.4117	-0.0803	0.8722
music	0.4878	0.0931	0.4916	0.3759	0.5153
musk	0.8939	0.1061	0.7748	0.4360	0.2410
MUT_ci300400a_cdk_ECFP2	0.4185	0.5815	0.5044	0.0004	0.5597
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.4776	-0.0021	0.5720
MUT_ci300400a_cdk_ECFP6	0.4168	0.5832	0.4280	-0.0031	0.5597
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.6439	0.3561	0.6658	0.1683	0.5278
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.5264	0.0224	0.7475
MUT_ci300400a_cdk_FCFP4	0.5743	0.4257	0.4887	-0.0062	0.7153
MUT_ci300400a_cdk_FCFP6	0.5779	0.4221	0.4882	-0.0039	0.6489
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.5844	0.4156	0.5569	0.0043	0.5305
MUT_ci300400a_cdk_STANDARD	0.6551	0.3449	0.6768	0.1970	0.5232
MUT_ci300400a_rdkit_descriptors	0.7707	0.2293	0.7920	0.5533	0.6214
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.5039	0.4961	0.6039	0.0102	0.5281
NCI60	0.3333	0.2222	0.2500	0.2000	0.3026
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.8809	0.0125	0.2547	0.6182	0.1575
ncRNA10%	0.8830	0.0123	0.2967	0.6338	0.1929
neo	0.9029	0.0971	0.6243	0.0059	0.2299
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6481	0.3519	0.6454	0.2902	0.8823
NHANES_age_prediction	0.9515	0.0485	0.9048	0.7979	0.2301
NPHA-doctor-visits	0.5139	0.3241	0.3779	0.0922	0.7207
nursery	0.0000	0.5000	0.0000	-0.2999	0.3301
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.9815	0.0093	0.9868	0.9724	0.0319
occupancy	0.9903	0.0097	0.9865	0.9728	0.1085
Occupancy_Estimation	0.9714	0.0143	0.9197	0.9138	0.0821
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
olive	0.9123	0.0195	0.9075	0.8891	0.0542
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.1121	0.1776	0.1880	0.0233	0.4008
optdigitsZ	0.9110	0.0890	0.4767	0.0000	0.2060
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6598	0.3402	0.3975	0.0000	0.4687
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5317	0.4683	0.3472	0.0000	0.5227
p53-mutants	0.5130	0.4870	0.4770	-0.0017	0.0367
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9634	0.0146	0.6342	0.7918	0.1827
parkinson	0.8583	0.1417	0.8757	0.7218	0.4077
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.8421	0.1579	0.7920	0.4956	0.3261
particle	0.8996	0.1004	0.8729	0.7441	0.4631
particle10%	0.8762	0.1238	0.8416	0.6792	0.5229
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9718	0.0056	0.9745	0.9686	0.0363
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
personalities	0.0620	0.1172	0.0080	-0.0007	0.4345
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.5959	0.4041	0.5356	0.0598	0.9074
phone-acc0.1%	0.1440	0.2446	0.0640	0.0031	0.4692
phone-acc1%	0.1422	0.2451	0.0627	0.0009	0.4752
phone-gyr0.1%	0.1457	0.2441	0.0681	0.0009	0.4065
phone-gyr1%	0.1459	0.2440	0.0643	0.0008	0.4144
phoneme	0.8852	0.1148	0.8592	0.7184	0.5215
pima	0.7368	0.2632	0.7191	0.4081	0.7142
pirvision	0.9902	0.0065	0.9834	0.9693	0.0811
placement	0.7930	0.2070	0.7881	0.5761	0.6830
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.2630	0.1638	0.1094	-0.0049	0.4591
poker1%	0.3239	0.1932	0.1421	0.0161	0.5680
poker10%	0.2868	0.1783	0.1257	-0.0037	0.5195
polish-1st	0.9602	0.0398	0.5995	0.1144	0.4253
polish-2nd	0.9597	0.0403	0.4897	-0.0019	0.2438
polish-3rd	0.9495	0.0505	0.4871	-0.0054	0.3653
polish-4th	0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th	0.9357	0.0643	0.6670	0.1920	0.3490
polya	0.6486	0.3514	0.6105	0.0248	0.5011
popularity	0.6595	0.2270	0.4072	0.1878	0.4836
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.8458	0.0617	0.8462	0.8072	0.2500
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6793	0.3529	0.8356
prestige	0.8889	0.0741	0.8889	0.8302	0.1290

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
primary-tumor	0.1818	0.1259	0.0271	0.0273	0.3594
processed	0.6499	0.3501	0.4865	-0.0146	0.8197
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.8442	0.0623	0.7988	0.7902	0.2433
puc-rio10%	0.8503	0.0599	0.7981	0.7988	0.2413
pufs-1281%	0.5078	0.4922	0.5078	0.0157	0.9954
pufs-12810%	0.4998	0.5002	0.4998	-0.0005	1.0000
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9991
pufs-6410%	0.5019	0.4981	0.5019	0.0038	0.9989
pulsar	0.9785	0.0215	0.9329	0.8592	0.1352
raisin	0.9222	0.0778	0.9232	0.8444	0.3519
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.4412	0.5588	0.5078	0.0094	0.8204
satimage	0.8802	0.0399	0.8751	0.8529	0.1806
satimageF	0.9316	0.0684	0.8015	0.5129	0.1759
satimageT	0.9533	0.0467	0.8593	0.6826	0.1965
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.4706	0.5294	0.4627	-0.0588	0.9565
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5795	0.4205	0.5703	0.0743	0.7373
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9445	0.9292	0.0815
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8605	0.1395	0.5188	0.0127	0.5424
sens-10-gram	0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sensorless	0.9113	0.0161	0.9113	0.9024	0.0932
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.9707	0.0084	0.8439	0.9149	0.1572
sick	0.9549	0.0451	0.7842	0.5199	0.3443
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9240	0.0760	0.8876	0.7745	0.4528
skin10%	0.9992	0.0008	0.9988	0.9975	0.0129
smarket	0.8880	0.1120	0.8879	0.7759	0.4659
smart-farming	0.2200	0.3900	0.0902	0.0000	0.4082
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smoking	0.7468	0.2532	0.7358	0.4694	0.7588
soil_pollution	0.1767	0.3293	0.1003	-0.0297	0.5576
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.0294	0.1022	0.0709	0.0149	0.3803
spam-detection	0.9415	0.0585	0.8026	0.5886	0.4446
spambase	0.8130	0.1870	0.8147	0.5770	0.4527
spect	0.4815	0.5185	0.3852	-0.2115	0.8519
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.1154	0.0655	0.0077	0.0000	0.3891
splice-EI	0.7918	0.2082	0.7081	0.2408	0.3706
splice-IE	0.8107	0.1893	0.7202	0.2763	0.3508
sport-articles	0.6400	0.3600	0.6310	0.0338	0.4822
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.2000	0.5333	0.1111	-0.4286	0.5000
startup	0.3548	0.6452	0.2619	0.0000	0.5097
steel_industry	0.4920	0.3387	0.3043	0.0201	0.5789
steel-b	0.8205	0.1795	0.6816	0.3038	0.6208
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9744	0.0256	0.9604	0.9175	0.0949
steel-o	0.7744	0.2256	0.7425	0.4465	0.6420
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9692	0.0308	0.7646	0.3900	0.0945
steel-z	0.9385	0.0615	0.7981	0.5428	0.3249
stock	0.9167	0.0833	0.8521	0.7004	0.4623
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8000	0.2000	0.7977	0.5953	0.6669
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6500	0.1400	0.3655	0.4218	0.3968
student-depression	0.4387	0.5613	0.3981	-0.1987	1.0000
student-habits	0.1300	0.3480	0.0460	0.0000	0.3573
student-weekend	0.1385	0.3446	0.0486	0.0000	0.3801
student-workday	0.0156	0.3937	0.0063	-0.0010	0.3206
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.7916	0.2084	0.7924	0.5733	0.6465
susy10%	0.7878	0.2122	0.7890	0.5651	0.6495
tae	0.4667	0.3556	0.5344	0.2000	0.5887
telco-churn	0.2514	0.7486	0.2009	-0.0287	0.5598
texture	0.9327	0.0122	0.9480	0.9258	0.0650
theorem	0.9083	0.0917	0.9106	0.8055	0.2755
thoracic	0.8085	0.1915	0.4471	-0.0709	0.7788
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7632	0.2368	0.7054	0.2400	0.4011
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.1810	0.8190	0.2444	-0.3006	0.8122
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.1818	0.8182	0.2129	-0.3824	0.9270
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.5938	0.1860	0.8482
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7152	0.2848	0.4702	-0.0547	0.8755
turkish	0.3000	0.3500	0.3921	0.0667	0.3906
tvnews1%	0.6385	0.3615	0.5754	0.0366	0.5919
ur3_cobotops_grip	0.9741	0.0259	0.7596	0.5003	0.4452
ur3_cobotops_stop	0.9687	0.0313	0.7223	0.3966	0.4197
urban	0.2090	0.1758	0.1274	0.0193	0.3667
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.2754	0.7246	0.4939	-0.0006	0.0520
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.5714	0.2143	0.6001	0.4410	0.3639
vehicleVAN	0.9286	0.0714	0.9041	0.7895	0.2027
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.7907	0.2093	0.8218	0.5852	0.4416
vowel	0.3636	0.1157	0.5176	0.3000	0.3141
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9155	0.0845	0.6617	0.1795	0.3782
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.1406	0.2455	0.0673	0.0120	0.4733
watch-acc10%	0.1400	0.2457	0.0655	0.0112	0.4726
watch-gyr1%	0.1388	0.2461	0.0618	0.0042	0.4616
watch-gyr10%	0.1367	0.2466	0.0600	0.0018	0.4637
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.1942	0.1465	0.0302	0.0021	0.3757
web-phishing	0.8741	0.0840	0.8249	0.7740	0.3726
Weekly	0.8704	0.1296	0.8709	0.7331	0.4704
white-clover	0.0000	0.5000	0.0000	0.0000	0.2620
wifi-loc	1.0000	0.0000	1.0000	1.0000	0.0000
wilt	0.9917	0.0083	0.9582	0.9156	0.2543
wine	0.7647	0.1569	0.5773	0.5037	0.2360
winequality-red	0.7421	0.0860	0.3704	0.5766	0.2873
winequality-white	0.6687	0.0947	0.4111	0.4802	0.3643
winnipeg	0.9939	0.0017	0.9927	0.9923	0.0188
winnipeg10%	0.9905	0.0027	0.9924	0.9880	0.0206
wisc_bc	0.6316	0.3684	0.3871	0.0000	0.4848
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5270	0.0946	0.3858	0.3736	0.3960
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053
zip	0.9495	0.0101	0.9466	0.9433	0.0797

Table 477: Detailed results for STree

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1823	0.0564	0.0726	0.1040	0.4055
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9695	0.0305	0.9349	0.8609	0.1018
adult	0.8430	0.1570	0.7652	0.5168	0.6182
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6000	0.4000	0.3750	-0.1765	0.9528
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8826	0.1174	0.8324	0.6371	0.4254
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
airline	0.9247	0.0753	0.9233	0.8463	0.3554
alcohol	0.7905	0.0838	0.5211	0.5011	0.2818
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8558	0.1442	0.8403	0.6798	0.5623
anneal	0.9775	0.0090	0.9714	0.9510	0.0249
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9972	0.0028	0.9327	0.8558	0.4011
anuran-family	0.9708	0.0146	0.9399	0.9439	0.0725
anuran-genus	0.9805	0.0049	0.9477	0.9679	0.1057
anuran-species	0.9847	0.0031	0.9721	0.9788	0.0492
anxiety	0.1167	0.1963	0.1081	0.0063	0.8005
apple-quality	0.8825	0.1175	0.8842	0.7650	0.4639
aps-failure	0.9913	0.0087	0.8632	0.7137	0.2605
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9935	0.0065	0.7360	0.3508	0.1755
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.6889	0.0479	0.3681	0.4845	0.2827
auction	0.9069	0.0931	0.7615	0.3913	0.2180

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audiology	0.7826	0.0181	0.3870	0.7522	0.0396
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0500	0.7147	0.8020	0.1349
avila	0.7374	0.0438	0.6998	0.6370	0.2689
babies	0.5000	0.1429	0.1637	0.2018	0.3577
balance	0.9194	0.0538	0.8213	0.8536	0.2491
bank	0.9048	0.0952	0.7361	0.4645	0.6006
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8925	0.7771	0.3881
basehock	0.9598	0.0402	0.9599	0.9196	0.2246
bio	0.9970	0.0029	0.9092	0.8057	0.0968
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8682	0.7362	0.5083
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0010	0.0342	0.0000	0.0117
body-perf	0.6396	0.1802	0.6458	0.5194	0.4807
bookings	0.9899	0.0068	0.7599	0.9785	0.0738
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.6364	0.3636	0.6553	0.2903	0.8322
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.6364	0.1212	0.5664	0.5556	0.1898
bridges	0.7000	0.0857	0.5429	0.5714	0.1672
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9310	0.0345	0.9195	0.8502	0.2086
car-insurance	0.8330	0.1670	0.8038	0.6072	0.6320
card	0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography	0.8263	0.0347	0.7944	0.7910	0.2002
cardiotocography-nsp	0.9061	0.0626	0.8272	0.7326	0.2766
cardiovascular	0.7193	0.2807	0.7238	0.4386	0.7711
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8000	0.1333	0.7153	0.6209	0.4593
cas_N6512_cdk_ECFP2	0.7680	0.2320	0.7662	0.5322	0.7219
cas_N6512_rdkit_ATOMPAIR	0.7354	0.2646	0.7332	0.4661	0.7730
cas_N6512_RDkit_AtomPair_FP	0.7531	0.2469	0.7513	0.5026	0.7464
cas_N6512_rdkit_AVALON	0.7803	0.2197	0.7792	0.5583	0.7012
cas_N6512_RDkit_Avalon_FP	0.7623	0.2377	0.7624	0.5239	0.7286
cas_N6512_rdkit_descriptors	0.7569	0.2431	0.7557	0.5114	0.7401
cas_N6512_rdkit_FEATMORGAN	0.7327	0.2673	0.7308	0.4616	0.7774
cas_N6512_RDkit_Featmorgan_FP	0.7699	0.2301	0.7686	0.5372	0.7191
cas_N6512_RDkit_FP	0.7469	0.2531	0.7456	0.4912	0.7558
cas_N6512_rdkit_LAYERED	0.7723	0.2277	0.7726	0.5441	0.7116
cas_N6512_RDkit_Layered_FP	0.7561	0.2439	0.7542	0.5081	0.7411
cas_N6512_rdkit_MACCS	0.7819	0.2181	0.7815	0.5555	0.6767
cas_N6512_RDkit_MACCS_FP	0.7592	0.2408	0.7576	0.5152	0.7367
cas_N6512_rdkit_MORGAN	0.7754	0.2246	0.7735	0.5455	0.7059
cas_N6512_RDkit_morgan_FP	0.7776	0.2224	0.7761	0.5523	0.7060

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.8031	0.1969	0.8016	0.6031	0.6594
cas_N6512_RDkit_pattern_FP	0.7837	0.2163	0.7822	0.5644	0.6952
cas_N6512_rdkit_RDKITFP	0.7619	0.2381	0.7604	0.5208	0.7323
cas_N6512_rdkit_TORSION	0.7369	0.2631	0.7370	0.4731	0.7680
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8458	0.1028	0.4077	0.1167	0.2934
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8187	0.1813	0.7995	0.5986	0.6481
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9485	0.0515	0.7125	0.3715	0.4524
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9262	0.0369	0.8936	0.8899	0.1658
chrom19	0.9995	0.0005	0.8613	0.7120	0.2580
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.8198	0.6337	0.4984
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8130	0.1870	0.6476	0.2134	0.6086
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6737	0.3263	0.6480	0.2953	0.8647
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.5180	0.5070	0.3634
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8185	0.0907	0.6766	0.7150	0.3870
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.7500	0.1667	0.8028	0.6000	0.3320
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.4657	0.1916	0.7542
cnae-9	0.9167	0.0185	0.9254	0.9062	0.0803
codon_usage	0.8964	0.0188	0.7522	0.8739	0.1550
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.6800	0.0427	0.5888	0.6466	0.1563
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5862	0.4138	0.4577	-0.0675	0.9445
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.7931	0.2069	0.7894	0.5515	0.6011
colposcopies-4	0.7931	0.2069	0.7150	0.3873	0.6468
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.5435	0.4565	0.5419	0.0836	0.9728
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7668	0.2332	0.7669	0.5337	0.7225
coupon	0.6814	0.3186	0.6719	0.3424	0.8470
covtype10%	0.7339	0.0760	0.6101	0.5626	0.3482
covtypeCD	0.9801	0.0199	0.9571	0.9136	0.1789
covtypeT	0.9743	0.0257	0.8943	0.7832	0.2825

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9078	0.0307	0.8211	0.8073	0.2411
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5938	0.0203	0.4463	0.5815	0.0612
customer-churn	0.9802	0.0198	0.6514	0.1634	0.2807
cybersecurity	0.1733	0.2756	0.1715	0.0063	0.8825
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.7593	0.2407	0.7527	0.5049	0.7398
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8160	0.1840	0.6913	0.3384	0.6473
defect	0.8765	0.1235	0.7350	0.4367	0.5660
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8969	0.1031	0.7061	0.3890	0.5963
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.3750	0.4167	0.1818	-0.3333	0.5619
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
df_final	0.6250	0.2500	0.4798	0.4000	0.3890
DIA	0.7667	0.2333	0.6384	0.2432	0.7461
diabetes	0.8846	0.1154	0.8816	0.7607	0.4829
diabetes-100k	0.9580	0.0420	0.8496	0.6744	0.2858
diabetes-risk	0.8622	0.1378	0.7678	0.5090	0.5585
diabetic1%	0.5686	0.2876	0.4284	0.1228	0.5764
diabetic10%	0.5295	0.3137	0.3512	0.0755	0.6792
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7340	0.1064	0.7209	0.6202	0.3538
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.5845	0.1667	0.9267
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9130	0.0870	0.6741	0.2552	0.4630
dota2	0.5991	0.4009	0.5959	0.1903	0.9276
dota210%	0.5631	0.4369	0.5594	0.1180	0.9579
drebin	0.9794	0.0206	0.9779	0.9557	0.1406
dropout	0.7607	0.1595	0.6469	0.5845	0.4020
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.1661	0.2507	0.3577
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5585	0.1261	0.1822	0.1225	0.4788
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6223	0.1079	0.1758	0.2393	0.3249
drug-14	0.5691	0.1231	0.2052	0.2074	0.5272
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5372	0.1322	0.2191	0.0831	0.3434

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-17	0.3457	0.1869	0.1248	0.0787	0.4431
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9258	0.0212	0.9382	0.9103	0.1220
ecoli	0.7941	0.0515	0.4334	0.7098	0.1313
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3200	0.3400	0.3294	0.0950	0.7940
eeg	0.4495	0.0688	0.4840	0.3888	0.6079
eeg-eye	0.8031	0.1969	0.8004	0.6002	0.6591
eeg10%	0.3096	0.0863	0.2710	0.2309	0.6590
eucalyptus	0.6301	0.1479	0.5939	0.5255	0.4282
euthyroid	0.9620	0.0380	0.8874	0.7723	0.3520
exon.vs.intron-freq10%	0.9392	0.0608	0.9391	0.8781	0.3070
fakenews	0.5050	0.4950	0.5046	0.0092	0.9966
farm-ads	0.9058	0.0942	0.9056	0.8100	0.4077
fbis-wc	0.8130	0.0220	0.7418	0.7860	0.1596
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9608	0.0392	0.9604	0.9208	0.2238
financial-risk	0.8415	0.0528	0.6472	0.7476	0.2388
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.6000	0.1000	0.2812	0.4631	0.2326
forest	0.9231	0.0385	0.9071	0.8932	0.0993
gas	0.9935	0.0022	0.9934	0.9922	0.0178
gastrointestinal	0.5625	0.2917	0.5841	0.3373	0.5568
gender	0.6084	0.2611	0.4857	0.1614	0.5521
gene	0.9085	0.0610	0.8947	0.8545	0.2301
german	0.7700	0.2300	0.7372	0.4390	0.6592
gestures	0.6892	0.1554	0.6973	0.5859	0.4146
gina	0.8991	0.1009	0.8993	0.7980	0.4309
gisette	0.9743	0.0257	0.9743	0.9486	0.1615
glass	0.6667	0.1111	0.8089	0.5599	0.2893
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.4328	0.1667	0.5305
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9634	0.0061	0.8483	0.9567	0.0368
har	0.9016	0.0393	0.8971	0.8756	0.1706
har701%	0.8633	0.0391	0.5114	0.7997	0.1536
har7010%	0.7897	0.0601	0.4567	0.6627	0.1551
harth1%	0.8420	0.0263	0.4875	0.7839	0.2471
hayes-roth	0.5625	0.2917	0.5831	0.3600	0.5258
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9560	0.0440	0.9486	0.8968	0.2506
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.8364	0.1636	0.8364	0.6728	0.5908
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%	0.6655	0.3345	0.6646	0.3174	0.8376
higgs1%	0.6480	0.3520	0.6454	0.2834	0.8677
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9376	0.0624	0.8869	0.7730	0.4066
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6944	0.2037	0.6544	0.4116	0.3234
hotel-reservartions	0.8534	0.1466	0.8300	0.6576	0.5705
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.8044	0.1304	0.8107	0.7051	0.3318
ht-sensor10%	0.8435	0.1043	0.8516	0.7656	0.2863
htru2	0.9793	0.0207	0.9357	0.8697	0.2166
hypothyroid	0.9841	0.0080	0.7068	0.8997	0.0704
hypothyroidT	0.9867	0.0133	0.9517	0.8986	0.0509
ilpd	0.7119	0.2881	0.5834	0.1301	0.7904
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9547	0.0227	0.9556	0.9396	0.0876
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9089	0.0070	0.9104	0.9052	0.0840
jm1	0.8136	0.1864	0.6183	0.1289	0.5629
jvowels	0.9679	0.0071	0.9675	0.9636	0.0546
kc1	0.8578	0.1422	0.6870	0.1444	0.2864
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.5714	0.0357	0.0317	0.0455	0.2031
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.5420	0.0574	0.7533
kdc-4007	0.7282	0.0680	0.6468	0.6828	0.3175
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9982	0.0002	0.4960	0.9969	0.0100
kddcup9910%	0.9995	0.0000	0.7017	0.9991	0.0502
kepler	0.8808	0.0795	0.8404	0.8035	0.2150
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.4185	0.0646	0.4808	0.3410	0.4477
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc	0.7937	0.0688	0.7447	0.7384	0.3091
la2s-wc	0.8079	0.0640	0.7787	0.7539	0.2863
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6176	0.0191	0.3434	0.6004	0.0620
led24	0.6000	0.0800	0.6456	0.5604	0.1960
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9005	0.0077	0.9006	0.8965	0.1126
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.8883	0.8804	0.0452

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7353	0.2647	0.7051	0.4093	0.7890
loan	0.9274	0.0726	0.9225	0.8449	0.3560
localization	0.6817	0.0579	0.4486	0.5906	0.4516
localization10%	0.6068	0.0715	0.3660	0.4914	0.5594
lrs	0.8868	0.0226	0.4628	0.8412	0.0452
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4062	0.5758	0.2734
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.8830	0.1170	0.8800	0.7599	0.4864
madelon	0.5500	0.4500	0.5511	0.1000	0.9587
magic04	0.8464	0.1536	0.8278	0.6483	0.5601
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8225	0.6449	0.6199
marketing	0.8929	0.1071	0.7519	0.4309	0.4261
maternal	0.6733	0.2178	0.6830	0.5011	0.4681
math	0.7500	0.1250	0.7011	0.6109	0.3439
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2033	0.3187	0.2040	0.0042	0.8723
messidor	0.7304	0.2696	0.7342	0.4627	0.7633
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-fou	0.8050	0.0390	0.8067	0.7833	0.1773
mfeat-kar	0.9350	0.0130	0.9355	0.9278	0.0792
mfeat-mor	0.7400	0.0520	0.7196	0.7111	0.1665
mfeat-pix	0.9650	0.0070	0.9651	0.9611	0.0419
mfeat-zer	0.8350	0.0330	0.8336	0.8167	0.1173
mice-prot	0.9907	0.0023	0.9914	0.9894	0.0114
milk	0.9906	0.0063	0.9918	0.9855	0.0283
mines	0.6471	0.1412	0.6220	0.5589	0.2445
mobile	0.6818	0.0114	0.6883	0.6760	0.1445
monks-1	0.7091	0.2909	0.7566	0.4118	0.4822
monks-2	0.6885	0.3115	0.6627	0.1213	0.4570
monks-3	0.8571	0.1429	0.8737	0.7168	0.3812
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4406	0.1017	0.4688	0.3278	0.5525
musk	0.9500	0.0500	0.8998	0.7815	0.1870
MUT_ci300400a_cdk_ECFP2	0.8082	0.1918	0.8010	0.5976	0.6411
MUT_ci300400a_cdk_ECFP4	0.8060	0.1940	0.8006	0.6012	0.6595
MUT_ci300400a_cdk_ECFP6	0.7856	0.2144	0.7783	0.5560	0.6955
MUT_ci300400a_cdk_ESTATE	0.7434	0.2566	0.7327	0.4623	0.7607
MUT_ci300400a_cdk_EXTENDED	0.8249	0.1751	0.8190	0.6374	0.6191
MUT_ci300400a_cdk_FCFP2	0.7976	0.2024	0.7900	0.5783	0.6704
MUT_ci300400a_cdk_FCFP4	0.7926	0.2074	0.7847	0.5666	0.6770
MUT_ci300400a_cdk_FCFP6	0.7854	0.2146	0.7792	0.5585	0.6974

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_MACCS	0.7602	0.2398	0.7503	0.4966	0.7314
MUT_ci300400a_cdk_PUBCHEM	0.8419	0.1581	0.8363	0.6705	0.5758
MUT_ci300400a_cdk_STANDARD	0.7868	0.2132	0.7799	0.5597	0.6946
MUT_ci300400a_rdkit_descriptors	0.7957	0.2043	0.7906	0.5708	0.6462
myocardial	0.8647	0.0338	0.3332	0.3972	0.3131
naticusdroid	0.9697	0.0303	0.9697	0.9393	0.1814
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA1%	0.9104	0.0094	0.5198	0.7505	0.4298
ncRNA10%	0.9213	0.0083	0.5797	0.7806	0.4401
neo	0.9083	0.0917	0.6541	0.1442	0.3589
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6473	0.3527	0.6446	0.2884	0.8829
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9498	0.0502	0.9386	0.8772	0.3024
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9313	0.0275	0.7119	0.8991	0.1261
obesity	0.9479	0.0149	0.9472	0.9391	0.0863
obs	0.9444	0.0278	0.9602	0.9168	0.0900
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.7426	0.0515	0.7086	0.7017	0.1999
oh10-wc	0.5714	0.0857	0.5571	0.5092	0.3553
oh15-wc	0.5870	0.0826	0.5661	0.5205	0.3328
oh5-wc	0.7033	0.0593	0.6691	0.6606	0.2216
ohscal-wc	0.6147	0.0771	0.5991	0.5672	0.4376
olive	0.9298	0.0156	0.9215	0.9118	0.0396
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9733	0.0053	0.9741	0.9703	0.0392
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9000	0.0050	0.8743	0.8974	0.0168
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8505	0.1495	0.8319	0.6633	0.5818
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants	0.9959	0.0041	0.7315	0.4329	0.3981
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9653	0.0139	0.6839	0.7873	0.1140
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.8009	0.1991	0.7951	0.5872	0.6668
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.9188	0.0812	0.8991	0.7981	0.4169
particle10%	0.9169	0.0831	0.8979	0.7957	0.4285
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5773	0.4227	0.4764	-0.0062	0.6352
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8752	0.7500	0.4624
pediatric-leukemia	0.7647	0.0672	0.6899	0.7037	0.1650
pendigits	0.9864	0.0027	0.9863	0.9848	0.0256
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.3571	-0.2000	0.9762
persistency	0.8222	0.1778	0.8075	0.6121	0.6259

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
personalities	0.9317	0.0085	0.9318	0.9271	0.1132
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9592	0.0408	0.9578	0.9150	0.2392
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.7963	0.0582	0.7802	0.7613	0.1560
phone-acc1%	0.8026	0.0564	0.8108	0.7687	0.1316
phone-gyr0.1%	0.7911	0.0597	0.7635	0.7549	0.1379
phone-gyr1%	0.8017	0.0567	0.7944	0.7674	0.1384
phoneme	0.8222	0.1778	0.7715	0.5385	0.6581
phy	0.6990	0.3010	0.6990	0.3979	0.8220
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9967	0.0022	0.9943	0.9896	0.0083
placement	0.7970	0.2030	0.7920	0.5840	0.6758
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5005	0.0999	0.1202	0.0021	0.1726
poker10%	0.4997	0.1001	0.0666	0.0000	0.1726
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7914	0.2086	0.7676	0.5319	0.6925
popularity	0.6368	0.2421	0.4069	0.1546	0.6393
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9407	0.0237	0.9407	0.9259	0.1196
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6373	0.2647	0.8720
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.0606	0.1410	0.2539	0.2736
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7761	0.2239	0.7346	0.4611	0.7218
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9794	0.0082	0.9684	0.9724	0.0570
puc-rio10%	0.9572	0.0171	0.9415	0.9425	0.1044
pufs-1281%	0.5022	0.4978	0.5022	0.0043	0.9988
pufs-641%	0.4850	0.5150	0.4850	-0.0300	1.0000
pulsar	0.9800	0.0200	0.9382	0.8729	0.1690
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.7067	0.0451	0.6320	0.6098	0.3389
re1-wc	0.6566	0.0275	0.4025	0.5990	0.2371
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	0.9875	0.0050	0.9862	0.9835	0.0195
rocket	0.6473	0.3527	0.6327	0.2653	0.8883
RT_IOT2022	0.9972	0.0005	0.9699	0.9931	0.0072
satimage	0.8740	0.0420	0.8482	0.8440	0.1793
satimageF	0.9860	0.0140	0.9632	0.9255	0.1348
satimageT	0.9176	0.0824	0.7564	0.5096	0.5839
scadi	0.8571	0.0408	0.5333	0.8056	0.0421
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6471	0.3529	0.6838	0.2941	0.6910
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.9997	0.0003	0.9997	0.9993	0.0035

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9654	0.0099	0.9692	0.9595	0.0463
segmentation	0.8168	0.1832	0.7969	0.5919	0.6461
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-8-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-9-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sensorless	0.9342	0.0120	0.9344	0.9276	0.0734
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8938	0.1062	0.7769	0.5444	0.5658
shuttle	0.9260	0.0211	0.7205	0.7605	0.0687
sick	0.9682	0.0318	0.8564	0.6843	0.2258
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9984	0.0016	0.9977	0.9953	0.0291
skin10%	0.9922	0.0078	0.9884	0.9766	0.0992
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.7895	0.2105	0.7889	0.5778	0.6844
smoking	0.7813	0.2187	0.7664	0.5326	0.7132
soil_pollution	0.1867	0.3253	0.1845	-0.0173	0.8853
solar-flare	0.7050	0.0983	0.5661	0.6237	0.2198
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9559	0.0046	0.9357	0.9515	0.0176
spam-detection	0.9545	0.0455	0.8573	0.7129	0.4262
spambase	0.9196	0.0804	0.9157	0.8294	0.3601
spect	0.7778	0.2222	0.6786	0.3571	0.7720
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.6038	0.0165	0.2530	0.5806	0.0974
splice-EI	0.9590	0.0410	0.9479	0.8944	0.2900
splice-IE	0.9085	0.0915	0.8717	0.7432	0.4714
sport-articles	0.8300	0.1700	0.8144	0.6249	0.6065
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8228	0.1182	0.7797	0.7135	0.3402
steel-b	0.8359	0.1641	0.7227	0.4233	0.6472
steel-d	0.9897	0.0103	0.9140	0.8280	0.3214
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.7846	0.2154	0.7550	0.4757	0.6295
steel-p	0.9333	0.0667	0.7250	0.3558	0.3699
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9171	0.8329	0.3748
stellar	0.9648	0.0235	0.9594	0.9373	0.1242
stock	0.9028	0.0972	0.8238	0.6390	0.4964
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8760	0.1240	0.8745	0.7489	0.4989
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6250	0.1500	0.2766	0.3600	0.3285
student-depression	0.8348	0.1652	0.8286	0.6560	0.5962

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3846	0.2462	0.1691	0.1105	0.5442
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.4575	0.2909	0.3919
susy1%	0.7926	0.2074	0.7932	0.5755	0.6461
susy10%	0.7897	0.2103	0.7884	0.5715	0.6692
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4000	0.4000	0.4121	0.1000	0.7078
telco-churn	0.9034	0.0966	0.8740	0.7472	0.4657
texture	0.9964	0.0007	0.9965	0.9960	0.0053
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9170	0.0830	0.8862	0.7714	0.4262
tis10%	0.8358	0.1642	0.7632	0.4444	0.4419
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4340	0.6098	0.1060
tox_171	0.9412	0.0294	0.9437	0.9213	0.0641
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.7805	0.0488	0.6764	0.7219	0.1813
trec12-wc	0.8065	0.0484	0.8166	0.7631	0.1371
trec21-wc	0.8182	0.0606	0.4073	0.6071	0.3045
trec23-wc	0.8095	0.0635	0.7386	0.7342	0.2031
trec31-wc	0.8710	0.0369	0.7127	0.8260	0.1565
trec41-wc	0.7955	0.0409	0.5127	0.7413	0.1532
trec45-wc	0.7246	0.0551	0.6617	0.6723	0.2103
tuandromd	0.9843	0.0157	0.9754	0.9507	0.1231
turkish	0.8000	0.1000	0.7979	0.7333	0.2583
tvnews1%	0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%	0.8905	0.1095	0.8815	0.7625	0.4697
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7164	0.0630	0.6356	0.6640	0.2010
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7738	0.1131	0.7065	0.6859	0.2502
vehicleVAN	0.9643	0.0357	0.9519	0.9032	0.2250
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5758	0.0771	0.6082	0.5333	0.2367
vowelZ	0.9899	0.0101	0.9688	0.9357	0.0414
wap-wc	0.7051	0.0295	0.4729	0.6647	0.1624
warpar10p	0.6923	0.0615	0.6557	0.6533	0.1103
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.7893	0.0602	0.8025	0.7535	0.1516
watch-acc10%	0.8266	0.0495	0.8391	0.7973	0.1271
watch-gyr1%	0.7895	0.0602	0.7937	0.7541	0.1684
water_pollution	0.2867	0.3567	0.2874	0.0490	0.8383
waveform	0.8380	0.1080	0.8381	0.7570	0.3695
weather-related	0.9731	0.0049	0.9751	0.9695	0.0390

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
web-phishing	0.7852	0.1432	0.6846	0.6063	0.4573
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.9597	0.0161	0.9585	0.9490	0.0814
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9772	0.0228	0.8819	0.7635	0.4120
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5660	0.1447	0.2661	0.2964	0.4625
winequality-white	0.5194	0.1373	0.2448	0.2170	0.5469
winnipeg	0.9949	0.0015	0.9904	0.9935	0.0181
winnipeg10%	0.9905	0.0027	0.9787	0.9880	0.0291
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.6250	0.0500	0.5981	0.5983	0.0956
yeast	0.5135	0.0973	0.3864	0.3813	0.3752
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9495	0.0101	0.9432	0.9433	0.0784

Table 478: Detailed results for SVC

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1535	0.0584	0.0855	0.0670	0.5310
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9734	0.0266	0.6301	0.2600	0.5780
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9726	0.0274	0.9426	0.8852	0.2585
adult	0.8475	0.1525	0.7748	0.5410	0.6187
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.8175	0.1825	0.4498	-0.1002	0.7001
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7905	0.2095	0.6165	0.2300	0.7852
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.5863	0.1628	0.7500
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red	0.8641	0.1359	0.4635	-0.0713	0.6176
AID362red	0.9883	0.0117	0.7352	0.2828	0.0436
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9988	0.0012	0.4997	-0.0003	0.4066
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604AID644_AllRed	0.9985	0.0015	0.4996	-0.0007	0.5338
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.6098	0.2105	0.8520
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9879	0.0121	0.4969	-0.0045	0.5315
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9985	0.0015	0.4996	-0.0007	0.5338
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8498	0.1502	0.7835	0.5584	0.6065
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8747	0.1253	0.8722	0.7436	0.4995
alcohol	0.7810	0.0876	0.3981	0.4704	0.2058
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8512	0.1488	0.8349	0.6684	0.5717
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9930	0.0035	0.9778	0.9868	0.0222
anuran-genus	0.9847	0.0038	0.9649	0.9749	0.0862
anuran-species	0.9889	0.0022	0.9735	0.9846	0.0321
anxiety	0.1000	0.2000	0.0953	-0.0149	0.8040
apple-quality	0.7325	0.2675	0.7343	0.4650	0.7664
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9935	0.0065	0.7359	0.3865	0.2565
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.7111	0.0444	0.4394	0.5173	0.2787
auction	0.9412	0.0588	0.8559	0.6955	0.3452
audiology	0.8261	0.0145	0.3956	0.7974	0.0407

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0500	0.7338	0.8000	0.1294
avila	0.8237	0.0294	0.8571	0.7650	0.2299
babies	0.4355	0.1613	0.1402	0.0970	0.3740
balance	1.0000	0.0000	1.0000	1.0000	0.0000
bank	0.8988	0.1012	0.7299	0.4574	0.6286
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9217	0.0783	0.9155	0.8245	0.3176
basehock	0.9598	0.0402	0.9599	0.9196	0.2246
bio	0.9970	0.0030	0.9069	0.8021	0.1168
bio10%	0.9966	0.0034	0.9069	0.8131	0.3595
biodeg	0.8952	0.1048	0.8896	0.7789	0.4599
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%	0.9811	0.0013	0.0416	0.0629	0.4003
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6373	0.1813	0.6374	0.5164	0.4909
brain-tumor	0.5105	0.4895	0.5105	0.0210	0.9939
breast-cancer	0.6429	0.3571	0.5276	0.0541	0.9174
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0571	0.6857	0.7143	0.1393
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9598	0.0201	0.9589	0.9158	0.1720
car-insurance	0.8350	0.1650	0.8061	0.6119	0.6276
card	0.8696	0.1304	0.8732	0.7385	0.4916
cardiotocography	0.8685	0.0263	0.8495	0.8422	0.1618
cardiotocography-nsp	0.9202	0.0532	0.8525	0.7748	0.2470
cardiovascular	0.7192	0.2808	0.7225	0.4383	0.7776
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6372	0.5078	0.4587
cas_N6512_cdk_ECFP2	0.7588	0.2412	0.7575	0.5150	0.7372
cas_N6512_rdkit_ATOMPAIR	0.7923	0.2077	0.7914	0.5826	0.6797
cas_N6512_RDkit_AtomPair_FP	0.7669	0.2331	0.7650	0.5296	0.7234
cas_N6512_rdkit_AVALON	0.8049	0.1951	0.8035	0.6069	0.6563
cas_N6512_RDkit_Avalon_FP	0.8328	0.1672	0.8322	0.6642	0.5996
cas_N6512_rdkit_descriptors	0.8062	0.1938	0.8048	0.6094	0.6537
cas_N6512_rdkit_FEATMORGAN	0.7604	0.2396	0.7586	0.5171	0.7348
cas_N6512_RDkit_Featmorgan_FP	0.7837	0.2163	0.7824	0.5648	0.6953
cas_N6512_RDkit_FP	0.7745	0.2255	0.7732	0.5463	0.7113
cas_N6512_rdkit_LAYERED	0.7923	0.2077	0.7927	0.5842	0.6760
cas_N6512_RDkit_Layered_FP	0.7822	0.2178	0.7804	0.5602	0.6962
cas_N6512_rdkit_MACCS	0.8080	0.1920	0.8064	0.6124	0.6489
cas_N6512_RDkit_MACCS_FP	0.8006	0.1994	0.8002	0.6000	0.6633
cas_N6512_rdkit_MORGAN	0.8246	0.1754	0.8233	0.6463	0.6160
cas_N6512_RDkit_morgan_FP	0.8006	0.1994	0.7993	0.5987	0.6646
cas_N6512_rdkit_PATTERN	0.8031	0.1969	0.8030	0.6053	0.6576
cas_N6512_RDkit_pattern_FP	0.7791	0.2209	0.7787	0.5569	0.7020
cas_N6512_rdkit_RDKITFP	0.7896	0.2104	0.7884	0.5768	0.6849
cas_N6512_rdkit_TORSION	0.7615	0.2385	0.7636	0.5242	0.7231
ccds1%	0.9615	0.0385	0.6177	0.1165	0.3554

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ccds10%	0.9303	0.0697	0.6307	0.2516	0.5948
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8187	0.1813	0.8035	0.6066	0.6482
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8094	0.5869	0.3207
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.4871	-0.0029	0.2827
CDS49_AID687_Rdkit-ecfp4-fp	0.9891	0.0109	0.4973	-0.0038	0.2938
census	0.9482	0.0518	0.7289	0.3571	0.3267
census10%	0.9505	0.0495	0.7242	0.3827	0.4071
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.7962	0.5764	0.5664
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9102	0.0449	0.9003	0.8657	0.1919
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9991	0.0009	0.8017	0.5995	0.5022
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6737	0.3263	0.6480	0.2953	0.8647
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.5210	0.5281	0.4617
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8676	0.0662	0.8034	0.7966	0.2938
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5442	0.3039	0.5077	0.2826	0.7117
cnae-9	0.9630	0.0082	0.9642	0.9583	0.0413
codon_usage	0.9417	0.0106	0.8544	0.9293	0.1388
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.6600	0.0453	0.5408	0.6262	0.1671
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.7241	0.2759	0.6947	0.3895	0.8063
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7931	0.2069	0.7845	0.5628	0.6667
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6897	0.3103	0.6890	0.3771	0.8327
colposcopies-c	0.6552	0.3448	0.5292	0.0584	0.8870
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.5338	0.4662	0.5319	0.0634	0.9788
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7740	0.2260	0.7740	0.5480	0.7106
coupon	0.7595	0.2405	0.7539	0.5074	0.7389
covtype10%	0.7262	0.0782	0.5406	0.5491	0.3481
covtypeCD	0.9945	0.0055	0.9884	0.9767	0.0699
covtypeT	0.9870	0.0130	0.9494	0.8987	0.2167
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9993	0.0007	0.8958	0.7913	0.3225
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9631	0.0123	0.8880	0.9244	0.1032
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cultivars	0.6875	0.0156	0.5098	0.6784	0.0352
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1867	0.2711	0.1877	0.0189	0.8388
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.7593	0.2407	0.7527	0.5049	0.7398
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dating	0.0994	0.1801	0.0990	-0.0010	0.9052
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8220	0.1780	0.7047	0.3717	0.6429
defect	0.8611	0.1389	0.7044	0.2071	0.2835
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8983	0.1017	0.7365	0.4702	0.6228
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.9000	0.1000	0.9000	0.8000	0.4322
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7500	0.2500	0.6593	0.3182	0.8034
diabetes	0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-100k	0.9585	0.0415	0.8515	0.6776	0.2759
diabetes-risk	0.8548	0.1452	0.7554	0.4903	0.5983
diabetic1%	0.4706	0.3529	0.3942	0.0612	0.7784
diabetic10%	0.5363	0.3091	0.3393	0.0648	0.5589
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6633	0.1347	0.5539	0.5068	0.4040
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8077	0.5455	0.4011
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9932	0.0068	0.5545	0.1021	0.4682
dorothea	0.9130	0.0870	0.6741	0.2552	0.4630
dota210%	0.5650	0.4350	0.5615	0.1221	0.9566
drebin	0.9774	0.0226	0.9758	0.9515	0.1544
dropout	0.7675	0.1550	0.6955	0.6116	0.4678
drug-01	0.3032	0.1991	0.2034	0.0123	0.8500
drug-02	0.4574	0.1550	0.2329	0.1562	0.7370
drug-03	0.6489	0.1003	0.1803	0.1521	0.5234
drug-04	0.4787	0.1489	0.2173	0.1510	0.7229
drug-05	0.6170	0.1094	0.1311	0.0089	0.6250
drug-06	0.3936	0.1733	0.2392	0.2345	0.5961
drug-07	0.3032	0.1991	0.1164	-0.0811	0.6647
drug-08	0.4468	0.1581	0.1963	0.1381	0.7891
drug-09	0.7979	0.0578	0.1543	0.1007	0.4984
drug-10	0.4840	0.1474	0.1718	0.1244	0.6766
drug-11	0.7553	0.0699	0.1829	0.0814	0.8471
drug-12	0.6649	0.0957	0.1368	0.0021	0.7565
drug-13	0.4894	0.1459	0.1528	0.1358	0.8233
drug-14	0.5957	0.1155	0.2730	0.2891	0.5280
drug-15	0.6755	0.0927	0.1786	0.1515	0.7537
drug-16	0.5691	0.1231	0.2461	0.2862	0.4879
drug-17	0.3511	0.1854	0.1278	0.0987	0.5119
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7021	0.0851	0.2081	0.1526	0.5069
drybean	0.9331	0.0191	0.9446	0.9191	0.1128
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2099	-0.0540	0.8767
eeg	0.4236	0.0721	0.4637	0.3597	0.6032
eeg-eye	0.9252	0.0748	0.9246	0.8492	0.3570
eeg10%	0.4095	0.0738	0.4323	0.3469	0.5979
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6301	0.1479	0.5923	0.5259	0.4365
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq10%	0.9779	0.0221	0.9778	0.9556	0.1432
fakenews	0.5650	0.4350	0.5649	0.1298	0.9574
farm-ads	0.9034	0.0966	0.9032	0.8051	0.4137
fbis-wc	0.8374	0.0191	0.8007	0.8148	0.1340
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk	0.8475	0.0508	0.6544	0.7577	0.2514
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.5000	0.1250	0.2736	0.3590	0.3089
forest	0.9038	0.0481	0.8748	0.8680	0.1369
gas	0.9957	0.0014	0.9961	0.9948	0.0105
gastrointestinal	0.5625	0.2917	0.5460	0.2956	0.5871
gender	0.6000	0.2667	0.4380	0.1759	0.6878
gene	0.9338	0.0442	0.9284	0.8946	0.2074
german	0.7300	0.2700	0.6856	0.3510	0.7685
gestures	0.3416	0.3292	0.3787	0.1224	0.7161
gina	0.9452	0.0548	0.9453	0.8904	0.2828
gisette	0.9743	0.0257	0.9743	0.9486	0.1615
glass	0.7619	0.0794	0.7538	0.6759	0.2777
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.3929	0.2638	0.4769
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.9808	0.0032	0.9306	0.9773	0.0204
har	0.7890	0.0844	0.7798	0.7317	0.3442
har701%	0.9128	0.0249	0.5964	0.8720	0.2742
har7010%	0.7757	0.0641	0.4003	0.6346	0.1242
harth1%	0.8677	0.0221	0.5816	0.8199	0.2470
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7284	0.4553	0.7701
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.8480	0.1520	0.8236	0.6472	0.5999
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.8364	0.1636	0.8364	0.6728	0.5908
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6827	0.3173	0.6808	0.3564	0.8328
higgs1%	0.6966	0.3034	0.6946	0.3861	0.8201
higher	0.3571	0.1607	0.2047	0.2222	0.2785
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9191	0.0809	0.8508	0.6994	0.4743
hiva	0.9551	0.0449	0.4885	-0.0152	0.5782
horse	0.6667	0.2222	0.6428	0.4194	0.5700
hotel-reservartions	0.8173	0.1827	0.7856	0.5653	0.6439
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.5879	0.2747	0.5915	0.3806	0.6414
htru2	0.9810	0.0190	0.9409	0.8800	0.1916
hypothyroid	0.9788	0.0106	0.6708	0.8682	0.1529
hypothyroidT	0.9841	0.0159	0.9416	0.8762	0.0587
ilpd	0.6780	0.3220	0.5566	0.1053	0.8833
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9520	0.0240	0.9530	0.9360	0.0909
ionosphere	0.9143	0.0857	0.9146	0.8148	0.3671
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9448	0.0042	0.9456	0.9426	0.0489
jm1	0.8127	0.1873	0.6297	0.2098	0.6810
jvowels	0.9980	0.0004	0.9975	0.9977	0.0037
kc1	0.8768	0.1232	0.7234	0.3800	0.5034
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.5714	0.0357	0.0741	0.2566	0.1216
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8269	0.1731	0.7165	0.4236	0.6904
kdc-4007	0.7805	0.0627	0.7986	0.7440	0.2739
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9079	0.0921	0.5444	0.0887	0.6442
kddcup991%	0.9988	0.0001	0.5439	0.9979	0.0089
kddcup9910%	0.9995	0.0001	0.8644	0.9991	0.0329
kepler	0.8818	0.0788	0.8417	0.8046	0.2094
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.8460	0.0171	0.8496	0.8281	0.1740
krvskp	0.9875	0.0125	0.9874	0.9749	0.0919
la1s-wc	0.8286	0.0571	0.8086	0.7862	0.3034
la2s-wc	0.8642	0.0453	0.8502	0.8283	0.2303
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6471	0.0176	0.3875	0.6318	0.0687
led24	0.6000	0.0800	0.5887	0.5518	0.1941
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9820	0.0014	0.9819	0.9813	0.0219
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.9167	0.0111	0.9361	0.9106	0.0381
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9274	0.0726	0.9225	0.8449	0.3560
localization	0.4438	0.1011	0.1698	0.2108	0.3891

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
localization10%	0.6851	0.0573	0.4580	0.6032	0.5342
lrs	0.8868	0.0226	0.4567	0.8427	0.0591
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.6687	0.7358	0.2091
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.8830	0.1170	0.8800	0.7599	0.4864
madelon	0.5923	0.4077	0.5928	0.1846	0.9321
magic04	0.8827	0.1173	0.8696	0.7327	0.4607
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8643	0.7285	0.5266
marketing	0.8929	0.1071	0.7519	0.4309	0.4261
maternal	0.8515	0.0990	0.8532	0.7743	0.3465
math	0.7750	0.1125	0.7302	0.6460	0.3253
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2300	0.3080	0.2307	0.0337	0.8178
messidor	0.7304	0.2696	0.7342	0.4627	0.7633
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.7778	0.1111	0.6252	0.6828	0.2443
mfeat-fac	0.9800	0.0040	0.9804	0.9778	0.0252
mfeat-fou	0.8350	0.0330	0.8380	0.8167	0.1442
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7300	0.0540	0.7320	0.7000	0.1930
mfeat-pix	0.9750	0.0050	0.9761	0.9722	0.0311
mfeat-zer	0.8300	0.0340	0.8351	0.8111	0.1023
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8868	0.0755	0.8951	0.8301	0.2295
mines	0.7647	0.0941	0.7493	0.7050	0.2487
mobile	0.8601	0.0050	0.8716	0.8576	0.0640
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	1.0000	0.0000	1.0000	1.0000	0.0000
monks-3	0.9464	0.0536	0.9488	0.8923	0.2137
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4794	0.0946	0.4881	0.3654	0.5257
musk	0.9939	0.0061	0.9883	0.9766	0.0608
MUT_ci300400a_cdk_ECFP2	0.8441	0.1559	0.8393	0.6784	0.5795
MUT_ci300400a_cdk_ECFP4	0.7880	0.2120	0.7814	0.5627	0.6927
MUT_ci300400a_cdk_ECFP6	0.7533	0.2467	0.7436	0.4850	0.7469
MUT_ci300400a_cdk_ESTATE	0.7758	0.2242	0.7669	0.5303	0.7059
MUT_ci300400a_cdk_EXTENDED	0.7914	0.2086	0.7848	0.5696	0.6865
MUT_ci300400a_cdk_FCFP2	0.8383	0.1617	0.8327	0.6643	0.5883
MUT_ci300400a_cdk_FCFP4	0.7722	0.2278	0.7639	0.5269	0.7184
MUT_ci300400a_cdk_FCFP6	0.7770	0.2230	0.7724	0.5444	0.7101
MUT_ci300400a_cdk_MACCS	0.8501	0.1499	0.8454	0.6907	0.5655
MUT_ci300400a_cdk_PUBCHEM	0.8587	0.1413	0.8539	0.7069	0.5416
MUT_ci300400a_cdk_STANDARD	0.7796	0.2204	0.7744	0.5486	0.7066
MUT_ci300400a_rdkit_descriptors	0.8521	0.1479	0.8500	0.6995	0.5597
myocardial	0.8353	0.0412	0.2831	0.3505	0.6539

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
naticusdroid	0.9690	0.0310	0.9690	0.9379	0.1863
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0370	0.5556	0.8065	0.0000
ncRNA1%	0.8956	0.0110	0.4943	0.7168	0.8937
ncRNA10%	0.8833	0.0123	0.2957	0.6350	0.1715
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.7195	0.0127	0.7345	0.7104	0.2160
newspop	0.6440	0.3560	0.6415	0.2827	0.8869
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9611	0.0389	0.9524	0.9049	0.2524
NPHA-doctor-visits	0.4028	0.3981	0.2866	-0.0757	0.8209
nursery	0.9321	0.0272	0.7124	0.9003	0.1254
obesity	0.9147	0.0244	0.9139	0.9004	0.1112
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9893	0.0107	0.9852	0.9702	0.1195
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.8614	0.0277	0.8606	0.8416	0.1335
oh10-wc	0.7619	0.0476	0.7479	0.7276	0.2343
oh15-wc	0.7500	0.0500	0.7351	0.7139	0.2118
oh5-wc	0.8022	0.0396	0.8045	0.7758	0.1797
ohscal-wc	0.6927	0.0615	0.6783	0.6556	0.3815
olive	0.9649	0.0078	0.9554	0.9565	0.0249
opn310k10%	0.8837	0.1163	0.6295	0.2587	0.6902
optdigits	0.9858	0.0028	0.9863	0.9842	0.0221
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.7267	0.4522	0.5588
ozone8hr	0.9209	0.0791	0.6394	0.2495	0.6005
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8711	0.1289	0.8582	0.7161	0.5357
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants	0.9943	0.0057	0.7179	0.4346	0.5367
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9689	0.0124	0.8325	0.8133	0.1713
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.7962	0.2038	0.7894	0.5764	0.6772
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.8965	0.1035	0.8691	0.7368	0.4748
particle10%	0.9231	0.0769	0.9045	0.8089	0.4026
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.6644	0.2997	0.5774
pcmac	0.5052	0.4948	0.4822	-0.0355	0.9992
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8728	0.7407	0.4303
pediatric-leukemia	0.7941	0.0588	0.7203	0.7421	0.1519
pendigits	0.9964	0.0007	0.9964	0.9960	0.0072
period	0.7778	0.2222	0.7500	0.5000	0.7296
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8076	0.1924	0.7924	0.5836	0.6613
personalities	0.9545	0.0057	0.9545	0.9515	0.0779
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9673	0.0327	0.9658	0.9310	0.1820
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.7971	0.0580	0.7780	0.7625	0.1959

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phone-acc1%	0.7340	0.0760	0.7031	0.6882	0.2407
phone-gyr0.1%	0.8478	0.0435	0.8374	0.8218	0.1703
phone-gyr1%	0.6978	0.0863	0.6659	0.6457	0.2638
phoneme	0.8907	0.1093	0.8652	0.7304	0.5044
phy	0.6996	0.3004	0.6996	0.3991	0.8212
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9928	0.0048	0.9875	0.9773	0.0566
placement	0.7990	0.2010	0.7942	0.5884	0.6720
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5239	0.0952	0.2071	0.1042	0.2917
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9488	0.0512	0.5640	0.1187	0.6189
polish-2nd	0.9410	0.0590	0.5323	0.0618	0.6378
polish-3rd	0.9410	0.0590	0.5761	0.1355	0.6161
polish-4th	0.9367	0.0633	0.6354	0.2635	0.6223
polish-5th	0.9357	0.0643	0.6696	0.2471	0.4367
polya	0.7935	0.2065	0.7699	0.5361	0.6875
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8726	0.0510	0.8737	0.8407	0.2125
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7215	0.4412	0.7888
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.3333	0.0606	0.1683	0.2614	0.2417
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.8060	0.1940	0.7827	0.5652	0.6799
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8518	0.0593	0.8118	0.8009	0.2377
puc-rio10%	0.9873	0.0051	0.9782	0.9830	0.0399
pufs-1281%	0.5088	0.4912	0.5088	0.0177	0.9949
pufs-641%	0.5021	0.4979	0.5021	0.0042	0.9988
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.7685	0.0113	0.4846	0.7334	0.1467
re0-wc	0.7533	0.0379	0.7579	0.6836	0.3593
re1-wc	0.7590	0.0193	0.6347	0.7250	0.1883
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.8337	0.0069	0.5123	0.7660	0.2892
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6343	0.3657	0.6189	0.2377	0.9015
satimage	0.9160	0.0280	0.9081	0.8965	0.1480
satimageF	0.9876	0.0124	0.9690	0.9374	0.2071
satimageT	0.9471	0.0529	0.8545	0.7090	0.4733
scadi	0.8571	0.0408	0.5333	0.8056	0.0421
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9038	0.0962	0.5799	0.1595	0.6726
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9497	0.9342	0.0708
segmentation	0.8168	0.1832	0.7969	0.5919	0.6461
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.6783	0.3381	0.5818

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8289	0.1711	0.4902	-0.0156	0.7652
sens-10-gram	0.8504	0.1496	0.5501	0.0694	0.6778
sens-2-gram	0.8526	0.1474	0.6246	0.2389	0.7178
sens-3-gram	0.8447	0.1553	0.6139	0.2215	0.7343
sens-4-gram	0.8132	0.1868	0.5877	0.1754	0.7590
sens-5-gram	0.8368	0.1632	0.5571	0.1035	0.7509
sens-6-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sens-7-gram	0.8500	0.1500	0.5672	0.1094	0.7067
sens-8-gram	0.8342	0.1658	0.5443	0.0792	0.7562
sens-9-gram	0.8684	0.1316	0.6240	0.1908	0.6139
sensorless	0.9832	0.0030	0.9833	0.9816	0.0267
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8929	0.1071	0.7704	0.5238	0.5491
shuttle	0.9990	0.0003	0.8837	0.9971	0.1312
sick	0.9602	0.0398	0.8172	0.6142	0.3752
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9999	0.0001	0.9998	0.9996	0.0035
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1656	-0.1254	0.8657
smk_can_187	0.7895	0.2105	0.7889	0.5778	0.6844
smoking	0.7456	0.2544	0.7346	0.4669	0.7604
soil_pollution	0.2067	0.3173	0.2081	0.0073	0.8661
solar-flare	0.7626	0.0791	0.5967	0.6940	0.1835
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9853	0.0015	0.9944	0.9839	0.0114
spam-detection	0.9420	0.0580	0.8057	0.5978	0.4513
spambase	0.9087	0.0913	0.9041	0.8072	0.4061
spect	0.7778	0.2222	0.6786	0.3571	0.7720
spectf	0.9714	0.0286	0.9651	0.9278	0.1112
spectrometer	0.6792	0.0134	0.3210	0.6614	0.0828
splice-EI	0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE	0.9432	0.0568	0.9214	0.8428	0.3504
sport-articles	0.8400	0.1600	0.8366	0.6679	0.5846
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.2667	0.4375	0.3333	0.2250
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8896	0.0736	0.8601	0.8201	0.2492
steel-b	0.8718	0.1282	0.8053	0.6105	0.6004
steel-d	0.9949	0.0051	0.9553	0.9065	0.0226
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8359	0.1641	0.8164	0.6312	0.6080
steel-p	0.9436	0.0564	0.7817	0.5324	0.4232
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957
stellar	0.9643	0.0238	0.9591	0.9364	0.1250
stock	0.9097	0.0903	0.8413	0.6805	0.5000
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8080	0.1920	0.8061	0.6121	0.6516
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6300	0.1480	0.2788	0.3680	0.3250
student-depression	0.8344	0.1656	0.8282	0.6550	0.5961
student-habits	0.4200	0.2320	0.1948	0.0761	0.4590
student-weekend	0.4154	0.2338	0.3485	0.1957	0.6286
student-workday	0.6875	0.1250	0.1676	0.0751	0.3413
studentap	0.6923	0.2051	0.5210	0.5000	0.3387
susy1%	0.8010	0.1990	0.8015	0.5931	0.6322

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.9034	0.0966	0.8740	0.7472	0.4657
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7234	0.2766	0.4848	-0.0304	0.7956
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9211	0.0789	0.9074	0.8131	0.4145
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.9170	0.0830	0.8862	0.7714	0.4262
tis10%	0.8060	0.1940	0.7085	0.3903	0.6773
titanic	0.8091	0.1909	0.7714	0.5247	0.6309
tourist	0.7500	0.0833	0.4340	0.6098	0.1060
tox_171	1.0000	0.0000	1.0000	1.0000	0.0000
toxicity	0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f	0.5882	0.4118	0.4903	-0.0171	0.9466
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc	0.7561	0.0542	0.6308	0.6933	0.2133
trec12-wc	0.8710	0.0323	0.9002	0.8420	0.0941
trec21-wc	0.8485	0.0505	0.5438	0.6746	0.2992
trec23-wc	0.7619	0.0794	0.6815	0.6749	0.2637
trec31-wc	0.9032	0.0277	0.7482	0.8704	0.1453
trec41-wc	0.8750	0.0250	0.6988	0.8437	0.1187
trec45-wc	0.7536	0.0493	0.7116	0.7070	0.1888
tuandromd	0.9955	0.0045	0.9931	0.9862	0.0715
turkish	0.8500	0.0750	0.8541	0.8000	0.1732
tvnews1%	0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%	0.9005	0.0995	0.8928	0.7857	0.4452
ur3_cobotops_grip	0.9769	0.0231	0.7773	0.4755	0.2251
ur3_cobotops_stop	0.9701	0.0299	0.7314	0.3775	0.3176
urban	0.8060	0.0431	0.8046	0.7713	0.1492
urinalysis	0.9650	0.0350	0.8088	0.5311	0.1051
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9835	0.0165	0.6261	0.2519	0.5612
vehicle	0.8095	0.0952	0.7964	0.7456	0.1470
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.6970	0.0551	0.7215	0.6667	0.1636
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
wap-wc	0.7885	0.0212	0.6182	0.7621	0.1286
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.8628	0.0392	0.8606	0.8395	0.1710
watch-gyr1%	0.8247	0.0501	0.8204	0.7953	0.2167
water_pollution	0.2033	0.3983	0.2030	-0.0629	0.8934
waveform	0.8380	0.1080	0.8387	0.7571	0.3682
weather-related	0.9712	0.0052	0.9723	0.9673	0.0469
web-phishing	0.8667	0.0889	0.8228	0.7662	0.3993
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.9017	0.0393	0.8978	0.8753	0.1695
white-clover	0.5000	0.2500	0.3302	0.1818	0.2027
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9917	0.0083	0.9582	0.9156	0.2543
wine	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
winequality-red	0.6541	0.1153	0.3210	0.4491	0.4650
winequality-white	0.6053	0.1128	0.3497	0.4077	0.5331
winnipeg10%	0.9960	0.0011	0.9968	0.9950	0.0097
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5203	0.0959	0.3292	0.3821	0.3770
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9392	0.0608	0.6387	0.2761	0.6261
zip	0.9656	0.0069	0.9626	0.9614	0.0576

Table 479: Detailed results for SVM(Gaussian)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1799	0.0566	0.0866	0.0864	0.4669
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.9837	0.0163	0.6841	0.2309	0.2529
accident	0.5000	0.5000	0.5000	0.0000	0.9713
ads	0.9817	0.0183	0.9615	0.9227	0.1725
adult	0.8522	0.1478	0.7794	0.5438	0.5880
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8889	0.1111	0.7333	0.3010	0.2451
AID1284red	0.8889	0.1111	0.7333	0.3010	0.2451
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9997	0.0003	0.4999	-0.0002	0.5011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9986	0.0014	0.8940	0.7713	0.1090
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9943	0.0057	0.6657	0.1891	0.2321
aids	0.7512	0.2488	0.5235	0.0100	0.5674
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8486	0.1514	0.5731	0.0524	0.5062
airline	0.8909	0.1091	0.8914	0.7736	0.4052
alcohol	0.7524	0.0990	0.3716	0.2614	0.1965
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9944	0.0028	0.9787	0.9894	0.0166
anuran-genus	0.9944	0.0014	0.9802	0.9909	0.0490
anuran-species	0.9889	0.0022	0.9813	0.9846	0.0298
anxiety	0.1250	0.1944	0.0249	0.0001	0.4081
apple-quality	0.9125	0.0875	0.9125	0.8250	0.3945
aps-failure	0.9842	0.0158	0.7176	0.2177	0.0556
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.5778	0.0650	0.1109	0.0727	0.2286

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9216	0.0784	0.8014	0.5781	0.4430
audiology	0.4783	0.0435	0.1045	0.3596	0.2089
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.9655	0.0345	0.9665	0.9308	0.1598
autos	0.9500	0.0167	0.7933	0.9340	0.0386
avila	0.8467	0.0256	0.8542	0.7962	0.2075
babies	0.4194	0.1659	0.1380	0.0841	0.4794
balance	0.9194	0.0538	0.8001	0.8553	0.2296
bank	0.9121	0.0879	0.7464	0.4720	0.5442
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.6406	0.3594	0.6236	0.0081	0.4804
basehock	0.5477	0.4523	0.6034	0.0993	0.6598
bio	0.9917	0.0083	0.6957	0.1285	0.0330
bio10%	0.9918	0.0082	0.6990	0.1418	0.0328
biodeg	0.8857	0.1143	0.8788	0.7577	0.4851
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9855	0.0026	0.1105	0.0133	0.1479
body-perf	0.6731	0.1634	0.6704	0.5642	0.4824
bookings	0.9237	0.0509	0.7780	0.8333	0.1972
brain-tumor	0.4930	0.5070	0.4912	-0.0154	0.9659
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.4545	0.5455	0.3125	0.0000	0.5306
breast-tissue	0.8182	0.0606	0.7636	0.7755	0.1061
bridges	0.8000	0.0571	0.5195	0.7143	0.0697
bub10at310k-hg16-17	0.9138	0.0862	0.6496	0.1502	0.3776
bub12at310k-hg16-17	0.9118	0.0882	0.6333	0.1469	0.4355
bub8at310k-hg16-17	0.9117	0.0883	0.6335	0.1549	0.4501
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4910	0.3393	0.3171	-0.0019	0.3927
car	0.9770	0.0115	0.9705	0.9510	0.1331
car-insurance	0.8110	0.1890	0.7688	0.5164	0.6239
card	0.9130	0.0870	0.9107	0.8198	0.3843
cardiotocography	0.8545	0.0291	0.8226	0.8252	0.1800
cardiotocography-nsp	0.9390	0.0407	0.8723	0.8184	0.1107
cardiovascular	0.7139	0.2861	0.7139	0.4277	0.8027
cargo2k	0.9569	0.0288	0.9595	0.9351	0.1018
cars	0.7500	0.1667	0.6594	0.5429	0.4205
cas_N6512_cdk_ECFP2	0.7849	0.2151	0.7837	0.5674	0.6932
cas_N6512_rdkit_ATOMPAIR	0.5400	0.4600	0.5276	0.0051	0.5858
cas_N6512_RDkit_AtomPair_FP	0.6840	0.3160	0.6871	0.3461	0.7767
cas_N6512_rdkit_AVALON	0.7680	0.2320	0.7666	0.5283	0.7093
cas_N6512_RDkit_Avalon_FP	0.7592	0.2408	0.7572	0.5120	0.7309
cas_N6512_rdkit_descriptors	0.7938	0.2062	0.7936	0.5866	0.6754
cas_N6512_rdkit_FEATMORGAN	0.7834	0.2166	0.7818	0.5636	0.6959
cas_N6512_RDkit_Featmorgan_FP	0.8083	0.1917	0.8071	0.6142	0.6499
cas_N6512_RDkit_FP	0.6595	0.3405	0.6763	0.2849	0.7073
cas_N6512_rdkit_LAYERED	0.6938	0.3062	0.6933	0.3707	0.7940
cas_N6512_RDkit_Layered_FP	0.6794	0.3206	0.6838	0.3351	0.7718
cas_N6512_rdkit_MACCS	0.8126	0.1874	0.8111	0.6212	0.6382
cas_N6512_RDkit_MACCS_FP	0.8021	0.1979	0.8026	0.6039	0.6576
cas_N6512_rdkit_MORGAN	0.8262	0.1738	0.8249	0.6485	0.6088

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.8129	0.1871	0.8114	0.6223	0.6389
cas_N6512_rdkit_PATTERN	0.7677	0.2323	0.7658	0.5291	0.7164
cas_N6512_RDkit_pattern_FP	0.7377	0.2623	0.7354	0.4677	0.7629
cas_N6512_rdkit_RDKITFP	0.6436	0.3564	0.6598	0.2508	0.7225
cas_N6512_rdkit_TORSION	0.7831	0.2169	0.7821	0.5641	0.6962
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9630	0.0370	0.6780	0.0665	0.1082
cdc_diabetes	0.8444	0.1038	0.4073	0.1401	0.3136
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8187	0.1813	0.8007	0.6013	0.6491
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9614	0.0386	0.7022	0.3190	0.3751
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6405	0.1038	0.2709
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9388	0.0612	0.6477	0.1789	0.4000
census10%	0.9392	0.0608	0.5725	0.0354	0.3280
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9419	0.0581	0.8041	0.5857	0.4183
children-anemia	0.7352	0.1324	0.6525	0.5952	0.3902
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8280	0.1720	0.6903	0.3345	0.6335
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6947	0.3053	0.6679	0.3334	0.8390
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.5714	0.2857	0.2424	0.0000	0.3038
cjs	0.9679	0.0107	0.9662	0.9608	0.0573
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8759	0.0620	0.8140	0.8089	0.2625
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5000	0.3333	0.2222	0.0000	0.3678
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5138	0.2753	0.6983
cnae-9	0.7130	0.0638	0.7621	0.6771	0.2388
codon_usage	0.9447	0.0100	0.8655	0.9330	0.0953
coil20	0.4306	0.0569	0.5002	0.4009	0.2425
college	0.8961	0.1039	0.8688	0.7027	0.2605
collins	0.6600	0.0453	0.5571	0.6236	0.1680
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.6552	0.3448	0.6326	0.2328	0.8166
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c	0.8276	0.1724	0.7526	0.3777	0.3360
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7419	0.1720	0.6451	0.5804	0.3096
comedy_comparisons1%	0.5215	0.4785	0.5142	0.0215	0.9036
comedy_comparisons10%	0.5712	0.4288	0.5692	0.1364	0.9476
connect-4	0.9735	0.0177	0.4179	0.2991	0.4699
cottonmeloidogyne	0.6851	0.3149	0.7075	0.3728	0.7267
coupon	0.7642	0.2358	0.7577	0.5130	0.7263
covtype10%	0.8640	0.0388	0.7515	0.7785	0.2856

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtypeCD	0.9920	0.0080	0.9830	0.9660	0.0884
covtypeT	0.9852	0.0148	0.9416	0.8827	0.2197
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans	0.9985	0.0015	0.7098	0.2452	0.1100
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.9631	0.0123	0.8929	0.9247	0.1473
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.7188	0.0141	0.5489	0.7103	0.0360
customer-churn	0.9804	0.0196	0.6606	0.2041	0.3169
cybersecurity	0.1900	0.2700	0.0955	0.0163	0.5224
cyclopentane	0.6296	0.3704	0.6325	0.1964	0.7422
cylinder-bands	0.8148	0.1852	0.8136	0.6255	0.6355
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1016	0.1797	0.0185	-0.0007	0.4182
day1%	0.9491	0.0509	0.9447	0.8869	0.2396
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.8237	0.1763	0.7065	0.3655	0.6188
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.9067	0.0933	0.7397	0.4597	0.5610
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9505	0.9322	0.0563
desharnais	0.5000	0.3333	0.3366	0.0303	0.5178
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.2500	0.5000	0.1404	-0.2000	0.6634
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k	0.9569	0.0431	0.8464	0.6773	0.3454
diabetes-risk	0.9053	0.0947	0.8476	0.6870	0.4576
diabetic	0.5395	0.3070	0.3761	0.0023	0.3590
diabetic1%	0.5588	0.2941	0.3545	0.0895	0.4869
diabetic10%	0.5776	0.2816	0.3794	0.1610	0.5258
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.7100	0.1160	0.6832	0.5873	0.3976
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5660	0.4340	0.5618	0.1221	0.9539
drebin	0.9645	0.0355	0.9629	0.9231	0.1437
dropout	0.7381	0.1746	0.6426	0.5606	0.5155
drug-01	0.3989	0.1717	0.1216	0.0067	0.3429
drug-02	0.5266	0.1353	0.1970	0.1153	0.4206
drug-03	0.7074	0.0836	0.1995	0.1210	0.2365
drug-04	0.5426	0.1307	0.2533	0.0762	0.3416
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.2417	0.2482	0.4785
drug-07	0.4362	0.1611	0.1920	0.0225	0.3161
drug-08	0.5798	0.1201	0.1962	0.1472	0.3270
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5479	0.1292	0.1482	0.1105	0.4072
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6117	0.1109	0.1652	0.1931	0.3237
drug-14	0.5851	0.1185	0.2659	0.2132	0.4306
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5691	0.1231	0.2392	0.2470	0.4538
drug-17	0.3617	0.1824	0.1303	0.1037	0.4588
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7606	0.0684	0.1234	-0.0134	0.2600
drybean	0.9339	0.0189	0.9456	0.9200	0.1092
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.5323	0.0585	0.5481	0.4813	0.5567
eeg-eye	0.9266	0.0734	0.9258	0.8516	0.3521
eeg10%	0.3926	0.0759	0.3831	0.3249	0.6270
email_phishing	0.9869	0.0131	0.6703	0.0225	0.0477
eucalyptus	0.6301	0.1479	0.6141	0.5293	0.4222
euthyroid	0.9778	0.0222	0.9353	0.8692	0.2252
exon.vs.intron-freq10%	0.8207	0.1793	0.8406	0.6333	0.4045
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.7874	0.2126	0.8052	0.5617	0.5191
fbis-wc	0.3171	0.0803	0.1580	0.1522	0.3331
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5882	0.4118	0.5799	0.1587	0.9396
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.7000	0.0750	0.3796	0.6117	0.1867
fonts10%	0.1332	0.0113	0.0343	0.0264	0.3394
forest	0.8846	0.0577	0.8587	0.8418	0.1766
gas	0.9914	0.0029	0.9922	0.9895	0.0170
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5937	0.2709	0.3695	0.1115	0.5094
gene	0.6625	0.2250	0.6652	0.3622	0.3138
german	0.7400	0.2600	0.6992	0.3516	0.6934
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.5101	0.4899	0.3378	0.0000	0.5269
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8095	0.0635	0.7265	0.7246	0.1432
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7619	0.2381	0.7158	0.4000	0.6957
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.4000	0.3000	0.1429	0.0000	0.3039
glioma-grade	0.8571	0.1429	0.8571	0.7108	0.5408
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.5241	0.2683	0.3763
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.3266	0.1122	0.1931	0.1804	0.2930
har	0.9832	0.0067	0.9827	0.9787	0.0405

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har701%	0.9150	0.0243	0.5390	0.8746	0.1192
har7010%	0.9186	0.0233	0.6162	0.8795	0.1243
harth1%	0.8729	0.0212	0.5778	0.8264	0.1896
harth10%	0.8850	0.0192	0.6446	0.8429	0.1807
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.6129	0.3871	0.6688	0.2648	0.7088
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.9580	0.0420	0.9515	0.8992	0.1736
heart-quantum	0.8600	0.1400	0.8674	0.7200	0.4927
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.6769	0.3231	0.7082	0.3564	0.6884
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6664	0.3336	0.6639	0.3266	0.8609
higgs1%	0.5565	0.4435	0.5546	0.0681	0.8029
higher	0.2143	0.1964	0.0469	0.0000	0.3546
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.6250	0.3750	0.6468	0.2163	0.7161
hiv1-proteasa	0.9157	0.0843	0.8406	0.6734	0.4585
hiva	0.9669	0.0331	0.6916	0.1211	0.0993
horse	0.5556	0.2963	0.3582	0.0828	0.3773
hotel-reservartions	0.8727	0.1273	0.8521	0.6963	0.4927
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	1.0000	0.0000	1.0000	1.0000	0.0002
ht-sensor10%	0.9992	0.0005	0.9993	0.9989	0.0045
htru2	0.9793	0.0207	0.9351	0.8659	0.1634
hypothyroid	0.9682	0.0159	0.6585	0.7998	0.1882
hypothyroidT	0.9788	0.0212	0.9217	0.8405	0.2350
ilpd	0.6949	0.3051	0.5145	0.0148	0.7591
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9593	0.0203	0.9597	0.9458	0.0851
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8099	0.1901	0.6014	0.0878	0.5396
jvowels	0.9980	0.0004	0.9975	0.9977	0.0037
kc1	0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot	0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.7706	0.0574	0.6761	0.7323	0.3146
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9962	0.0006	0.7776	0.9935	0.0043
kddcup9910%	0.9995	0.0001	0.8559	0.9992	0.0029
kepler	0.8201	0.1199	0.7635	0.6945	0.2828
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.8389	0.0179	0.8358	0.8201	0.1777
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc	0.3333	0.2222	0.2579	0.0558	0.3751

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
la2s-wc	0.3510	0.2163	0.2726	0.0835	0.3546
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.5882	0.0206	0.3572	0.5719	0.0802
led24	0.7000	0.0600	0.6724	0.6610	0.1227
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9810	0.0015	0.9808	0.9802	0.0232
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.8889	0.0148	0.9217	0.8806	0.0518
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.8899	0.1101	0.8819	0.7601	0.4482
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.7045	0.0537	0.4613	0.6209	0.3741
lrs	0.7925	0.0415	0.3419	0.7050	0.1672
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.2500	0.2143	0.0571	0.0000	0.3217
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.4444	0.1235	0.0684	0.0000	0.2767
machine-failure	0.9043	0.0957	0.9012	0.8006	0.4106
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.8790	0.1210	0.8652	0.7251	0.4780
malware	0.8378	0.1622	0.7040	0.2128	0.3145
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.8795	0.1205	0.7251	0.2748	0.2588
maternal	0.7624	0.1584	0.7683	0.6390	0.4619
math	0.4250	0.2875	0.1491	0.0000	0.3351
mba	0.8210	0.1194	0.3690	0.0759	0.3787
mental-disorders	0.0833	0.4583	0.0417	-0.2222	0.5853
mental-health	0.2200	0.3120	0.1233	0.0156	0.5427
messidor	0.6957	0.3043	0.6885	0.3765	0.8299
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.7900	0.0420	0.7955	0.7667	0.1635
mfeat-kar	0.9550	0.0090	0.9587	0.9500	0.0530
mfeat-mor	0.7750	0.0450	0.7832	0.7500	0.1780
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.9050	0.0190	0.9083	0.8944	0.0829
mice-prot	0.9815	0.0046	0.9833	0.9788	0.0238
milk	0.9434	0.0377	0.9337	0.9131	0.1271
mines	0.7353	0.1059	0.7231	0.6678	0.2856
mobile	0.6853	0.0112	0.7516	0.6796	0.1330
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9672	0.0328	0.9637	0.9274	0.2074
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.3950	0.1100	0.4157	0.2323	0.5454
musk	0.9515	0.0485	0.9025	0.7983	0.2858

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP2	0.8417	0.1583	0.8371	0.6743	0.5856
MUT_ci300400a_cdk_ECFP4	0.8455	0.1545	0.8415	0.6829	0.5775
MUT_ci300400a_cdk_ECFP6	0.7940	0.2060	0.7867	0.5647	0.6565
MUT_ci300400a_cdk_ESTATE	0.7746	0.2254	0.7655	0.5264	0.7049
MUT_ci300400a_cdk_EXTENDED	0.7974	0.2026	0.7947	0.5632	0.5929
MUT_ci300400a_cdk_FCFP2	0.8431	0.1569	0.8379	0.6753	0.5802
MUT_ci300400a_cdk_FCFP4	0.8213	0.1787	0.8153	0.6301	0.6269
MUT_ci300400a_cdk_FCFP6	0.8405	0.1595	0.8354	0.6706	0.5869
MUT_ci300400a_cdk_MACCS	0.8369	0.1631	0.8320	0.6639	0.5958
MUT_ci300400a_cdk_PUBCHEM	0.8910	0.1090	0.8875	0.7742	0.4575
MUT_ci300400a_cdk_STANDARD	0.7760	0.2240	0.7714	0.5157	0.6378
MUT_ci300400a_rdkit_descriptors	0.8546	0.1454	0.8534	0.7055	0.5517
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9727	0.0273	0.9727	0.9454	0.1687
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.1852	0.0317	0.0000	0.3342
ncRNA1%	0.9104	0.0094	0.5017	0.7352	0.1545
ncRNA10%	0.9185	0.0086	0.5504	0.7646	0.2761
neo	0.9111	0.0889	0.6696	0.2160	0.4140
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.1502	0.0386	0.1495	0.0883	0.3925
newspop	0.6408	0.3592	0.6374	0.2695	0.8802
NHANES_age_prediction	0.9824	0.0176	0.9680	0.9354	0.2100
nomao	0.9483	0.0517	0.9359	0.8705	0.2763
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	1.0000	0.0000	0.8000	1.0000	0.0000
obesity	0.8436	0.0447	0.8635	0.8175	0.1573
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9927	0.0073	0.9898	0.9795	0.0807
Occupancy_Estimation	0.9921	0.0039	0.9746	0.9760	0.0433
oh0-wc	0.1881	0.1624	0.0319	0.0014	0.3876
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0813	0.0127	0.3898
ohscal-wc	0.1461	0.1708	0.0255	0.0000	0.3953
olive	0.9298	0.0156	0.9246	0.9118	0.0478
opn310k	0.9116	0.0883	0.6302	0.1073	0.3727
opn310k10%	0.9123	0.0877	0.6241	0.1531	0.4837
opnat310k-hg16-17	0.9108	0.0892	0.6222	0.0865	0.3602
optdigits	0.9822	0.0036	0.9837	0.9802	0.0250
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr	0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6753	0.3247	0.6138	0.0680	0.5470
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7222	0.2778	0.7679	0.4602	0.5502
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9634	0.0146	0.7876	0.7739	0.1978
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.6209	0.3791	0.3830	0.0000	0.4903
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle	0.9147	0.0853	0.8942	0.7884	0.4326
particle10%	0.9054	0.0946	0.8812	0.7620	0.4539
pasture	0.5000	0.3333	0.5000	0.2000	0.3750

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pc1	0.9369	0.0631	0.7116	0.2096	0.1619
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.9964	0.0007	0.9964	0.9960	0.0071
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.6181	0.3819	0.3820	-0.0116	0.5814
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.7950	0.2050	0.7574	0.4999	0.6677
phishing	0.9755	0.0245	0.9744	0.9482	0.1381
PhiUSIIL	0.9923	0.0077	0.9922	0.9843	0.0487
PhiUSIIL10%	0.9656	0.0344	0.9657	0.9291	0.1487
phone-acc0.1%	0.8139	0.0532	0.7999	0.7823	0.1923
phone-acc1%	0.8307	0.0484	0.8203	0.8020	0.2020
phone-gyr0.1%	0.8342	0.0474	0.8217	0.8058	0.1963
phone-gyr1%	0.8699	0.0372	0.8615	0.8478	0.1746
phoneme	0.8852	0.1148	0.8558	0.7104	0.5099
phy	0.6990	0.3010	0.6990	0.3979	0.8223
pima	0.6974	0.3026	0.6719	0.3150	0.7801
pirvision	0.9993	0.0004	0.9989	0.9979	0.0116
placement	0.7790	0.2210	0.7710	0.5343	0.6881
plant-growth	0.6842	0.3158	0.6841	0.3596	0.8222
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5434	0.0913	0.1105	0.1293	0.2646
poker10%	0.5422	0.1144	0.2737	0.1335	0.3363
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9340	0.0660	0.6513	0.1856	0.4048
polya	0.6595	0.3405	0.6336	0.0628	0.4964
popularity	0.6608	0.2261	0.4718	0.1721	0.4486
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9866	0.0054	0.9863	0.9832	0.0343
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6481	0.2941	0.8778
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0496	0.1895	0.3951	0.2017
processed	0.9501	0.0499	0.9424	0.8844	0.2729
profb	0.7164	0.2836	0.6476	0.2214	0.6914
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.9926	0.0030	0.9884	0.9900	0.0239
puc-rio10%	0.9879	0.0048	0.9793	0.9838	0.0375
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pulsar	0.9848	0.0152	0.9535	0.9050	0.1349
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.2611	0.0279	0.0282	0.0283	0.2954
rcv110%	0.2737	0.0291	0.0546	0.0453	0.2950
re0-wc	0.4733	0.0810	0.2338	0.1796	0.3221
re1-wc	0.2892	0.0569	0.0884	0.0923	0.3150
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4819	0.0216	0.0765	0.0863	0.2092
rice	0.9852	0.0148	0.9850	0.9700	0.1013

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6575	0.3425	0.6360	0.2673	0.8743
RT_IOT2022	0.9953	0.0008	0.9528	0.9882	0.0103
satimage	0.9222	0.0259	0.9138	0.9041	0.1367
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9565	0.0435	0.8731	0.7428	0.3771
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.5000	0.0000	0.9853
sclerosis	0.5556	0.4444	0.3571	0.0000	0.5164
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9497	0.9342	0.0708
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-3-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9701	0.0054	0.9702	0.9671	0.0494
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8905	0.1095	0.7585	0.4777	0.5044
shuttle	0.9984	0.0004	0.8557	0.9956	0.0027
sick	0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9999	0.0001	0.9999	0.9998	0.0017
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.8400	0.1600	0.8404	0.6793	0.5777
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.7829	0.2171	0.7596	0.5007	0.6667
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7554	0.0815	0.6053	0.6851	0.1986
sonar	0.7000	0.3000	0.7521	0.4000	0.4882
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9505	0.0495	0.8406	0.6760	0.4302
spambase	0.9043	0.0957	0.8995	0.7969	0.4095
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.4340	0.0236	0.1588	0.3995	0.1705
splice-EI	0.8297	0.1703	0.7658	0.4186	0.3364
splice-IE	0.8423	0.1577	0.7711	0.4329	0.3199
sport-articles	0.8600	0.1400	0.8575	0.7094	0.5386
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	0.6559	0.3441	0.6346	0.0388	0.4732
steel_industry	0.8790	0.0807	0.8493	0.8024	0.2717
steel-b	0.8821	0.1179	0.8108	0.6137	0.5418
steel-d	0.9949	0.0051	0.9553	0.9065	0.0226

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8308	0.1692	0.8091	0.6129	0.6066
steel-p	0.9333	0.0667	0.7250	0.3558	0.3699
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stellar	0.9434	0.0377	0.9358	0.8989	0.1891
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8000	0.2000	0.7986	0.5970	0.6659
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5600	0.1760	0.2893	0.2551	0.4311
student-depression	0.8125	0.1875	0.8111	0.6197	0.6394
student-habits	0.3900	0.2440	0.1787	0.0177	0.3735
student-weekend	0.4308	0.2277	0.2776	0.1606	0.5329
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.5342	0.2778	0.6089
susy1%	0.8024	0.1976	0.8016	0.5973	0.6423
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5853	0.4147	0.6663	0.1707	0.5189
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.7344	0.2656	0.5536	0.0050	0.4539
texture	0.9964	0.0007	0.9965	0.9960	0.0055
theorem	0.9902	0.0098	0.9899	0.9798	0.0734
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.2353	0.3824	0.0952	0.0000	0.4051
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7536	0.3929	0.4155
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1010	0.1369	0.0000	0.2028
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3871	0.1751	0.1368	0.0216	0.3088
trec41-wc	0.2841	0.1432	0.0446	0.0013	0.3310
trec45-wc	0.2319	0.1536	0.0381	0.0011	0.3641
tuandromd	0.9910	0.0090	0.9861	0.9722	0.0959
turkish	0.8250	0.0875	0.8595	0.7667	0.1348
tvnews	0.7368	0.2632	0.7217	0.3391	0.5383
tvnews1%	0.6462	0.3538	0.5988	0.0621	0.5874
tvnews10%	0.6561	0.3439	0.6143	0.0927	0.5966
ur3_cobotops_grip	0.9769	0.0231	0.7773	0.4755	0.2251
ur3_cobotops_stop	0.9701	0.0299	0.7314	0.3775	0.3176
urban	0.5373	0.1028	0.4300	0.4497	0.3121
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
url-rep1%	0.9524	0.0476	0.9465	0.8908	0.2292
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.8214	0.0893	0.7941	0.7590	0.1937
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.6869	0.0569	0.7228	0.6556	0.1546
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
vrnormat310k-hg16-17	0.9112	0.0888	0.6616	0.0428	0.2161
wap-wc	0.2179	0.0782	0.0179	0.0000	0.3484
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.1429	0.1714	0.0250	0.0000	0.3992
watch-acc1%	0.8452	0.0442	0.8427	0.8190	0.1929
watch-acc10%	0.8703	0.0371	0.8668	0.8482	0.1649
watch-gyr1%	0.8041	0.0560	0.8008	0.7712	0.2409
watch-gyr10%	0.8458	0.0441	0.8431	0.8199	0.2084
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8480	0.1013	0.8482	0.7720	0.3554
weather-related	0.9500	0.0091	0.9504	0.9433	0.0696
web-phishing	0.8741	0.0840	0.8181	0.7773	0.3744
Weekly	0.8611	0.1389	0.8595	0.7158	0.5215
weight-lift	0.9783	0.0087	0.9785	0.9726	0.0471
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9917	0.0083	0.9582	0.9156	0.2543
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.7170	0.0943	0.3615	0.5364	0.2980
winequality-white	0.6605	0.0970	0.3996	0.4673	0.3806
winnipeg10%	0.2642	0.2102	0.1859	0.0045	0.3351
wisc_bc	0.8421	0.1579	0.8623	0.6885	0.4416
yale	0.1250	0.1167	0.0148	0.0000	0.4006
yeast	0.5541	0.0892	0.3681	0.4221	0.3801
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9459	0.0541	0.4861	-0.0120	0.5053
zip	0.6828	0.0634	0.7691	0.6448	0.1850

Table 480: Detailed results for SVM(Linear)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1535	0.0584	0.0801	0.0628	0.4370
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9817	0.0183	0.9614	0.9198	0.0692
adult	0.8460	0.1540	0.7729	0.5381	0.6242
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8889	0.1111	0.7333	0.3010	0.2451
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8545	0.1455	0.7898	0.5692	0.5881
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8733	0.1267	0.8708	0.7413	0.5067
alcohol	0.7333	0.1067	0.2432	0.3288	0.2489
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8512	0.1488	0.8349	0.6684	0.5717
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9513	0.0243	0.8474	0.9063	0.2045
anuran-genus	0.9722	0.0070	0.9398	0.9539	0.1006
anuran-species	0.9792	0.0042	0.9452	0.9710	0.0641
anxiety	0.1333	0.1926	0.0825	0.0168	0.6404
apple-quality	0.7225	0.2775	0.7233	0.4450	0.7864
aps-failure	0.9822	0.0178	0.6987	0.3807	0.4968
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9932	0.0068	0.7285	0.2565	0.0279
arcene	0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia	0.7556	0.0376	0.4630	0.5733	0.1836

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9020	0.0980	0.7387	0.3742	0.3680
audiology	0.7826	0.0181	0.3130	0.7478	0.0538
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9500	0.0167	0.7933	0.9340	0.0386
avila	0.5597	0.0734	0.3425	0.3458	0.3424
babies	0.4355	0.1613	0.1402	0.0970	0.3740
balance	0.9194	0.0538	0.8845	0.8604	0.3020
bank	0.9053	0.0947	0.7226	0.4220	0.5712
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8963	0.1037	0.8868	0.7681	0.4193
basehock	0.9598	0.0402	0.9598	0.9196	0.2266
bio	0.9973	0.0027	0.9162	0.8232	0.1143
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0010	0.0342	0.0000	0.0117
body-perf	0.6373	0.1813	0.6361	0.5164	0.4935
bookings	0.9899	0.0068	0.7421	0.9785	0.0392
brain-tumor	0.4950	0.5050	0.4932	-0.0116	0.9532
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.6655	0.6667	0.1595
bridges	0.8000	0.0571	0.5503	0.6774	0.1083
bub10at310k-hg16-17	0.9090	0.0910	0.4762	-0.0002	0.2196
bub12at310k-hg16-17	0.9090	0.0910	0.4762	-0.0002	0.2196
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9023	0.0489	0.8794	0.7921	0.2580
car-insurance	0.8310	0.1690	0.8005	0.6004	0.6352
card	0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography	0.8357	0.0329	0.7888	0.8015	0.1710
cardiotocography-nsp	0.9014	0.0657	0.8169	0.7218	0.3412
cardiovascular	0.7238	0.2762	0.7253	0.4476	0.7807
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6500	0.2333	0.5477	0.4093	0.5694
cas_N6512_cdk_ECFP2	0.7512	0.2488	0.7492	0.4983	0.7494
cas_N6512_rdkit_ATOMPAIR	0.7415	0.2585	0.7394	0.4785	0.7638
cas_N6512_RDkit_AtomPair_FP	0.7454	0.2546	0.7431	0.4844	0.7543
cas_N6512_rdkit_AVALON	0.7819	0.2181	0.7806	0.5613	0.6986
cas_N6512_RDkit_Avalon_FP	0.8083	0.1917	0.8080	0.6155	0.6484
cas_N6512_rdkit_descriptors	0.7569	0.2431	0.7556	0.5112	0.7402
cas_N6512_rdkit_FEATMORGAN	0.7358	0.2642	0.7336	0.4670	0.7726
cas_N6512_RDkit_Featmorgan_FP	0.7730	0.2270	0.7716	0.5431	0.7139
cas_N6512_RDkit_FP	0.7270	0.2730	0.7244	0.4466	0.7810
cas_N6512_rdkit_LAYERED	0.7692	0.2308	0.7682	0.5364	0.7198
cas_N6512_RDkit_Layered_FP	0.7638	0.2362	0.7618	0.5230	0.7278
cas_N6512_rdkit_MACCS	0.7665	0.2335	0.7646	0.5262	0.7171
cas_N6512_RDkit_MACCS_FP	0.7699	0.2301	0.7693	0.5382	0.7181
cas_N6512_rdkit_MORGAN	0.7877	0.2123	0.7862	0.5698	0.6810

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_morgan_FP	0.7868	0.2132	0.7855	0.5710	0.6899
cas_N6512_rdkit_PATTERN	0.7954	0.2046	0.7940	0.5880	0.6743
cas_N6512_RDkit_pattern_FP	0.7899	0.2101	0.7891	0.5780	0.6839
cas_N6512_rdkit_RDKITFP	0.7404	0.2596	0.7383	0.4763	0.7653
cas_N6512_rdkit_TORSION	0.7338	0.2662	0.7321	0.4641	0.7757
ccds1%	0.9643	0.0357	0.6933	0.1289	0.1053
ccds10%	0.9643	0.0357	0.6708	0.2073	0.3113
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8187	0.1813	0.8020	0.6040	0.6491
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5532	0.2040
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.4871	-0.0029	0.2827
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9502	0.0498	0.7256	0.4026	0.4453
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.4850	-0.0190	0.5933
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8919	0.0540	0.8795	0.8381	0.2140
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.7775	0.5551	0.4850
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7474	0.2526	0.7229	0.4326	0.7421
circles	0.0100	0.0198	0.0002	0.0000	0.4019
cirrhosis	0.8095	0.1270	0.5548	0.6056	0.2977
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8037	0.0981	0.5639	0.6929	0.3116
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4898	0.3401	0.4573	0.1826	0.7389
cnae-9	0.9259	0.0165	0.9265	0.9167	0.0839
codon_usage	0.8903	0.0200	0.7386	0.8665	0.1984
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.8400	0.0213	0.7217	0.8231	0.0689
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6207	0.3793	0.3830	-0.0669	0.7895
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7586	0.2414	0.5904	0.1288	0.7232
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.5145	0.4855	0.5068	0.0118	0.9513
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7692	0.2308	0.7693	0.5385	0.7187
coupon	0.6893	0.3107	0.6796	0.3570	0.8360
covtype10%	0.7243	0.0788	0.5382	0.5446	0.3434
covtypeCD	0.9513	0.0487	0.8934	0.7857	0.3712
covtypeT	0.9465	0.0535	0.7488	0.4375	0.3894
crabs	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8995	0.0335	0.6906	0.7863	0.2160
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4688	0.0266	0.3281	0.4533	0.0733
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1667	0.2778	0.0790	-0.0121	0.5263
cyclopentane	0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands	0.6481	0.3519	0.6350	0.2682	0.8851
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
day1%	0.9779	0.0221	0.9759	0.9517	0.1453
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7770	0.2230	0.5426	0.0142	0.5031
defect	0.8611	0.1389	0.7044	0.2071	0.2835
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8921	0.1079	0.6635	0.2430	0.5146
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614
dexter	0.6667	0.3333	0.6670	0.3333	0.8597
df_final	0.8125	0.1250	0.8272	0.7108	0.2451
DIA	0.8000	0.2000	0.7183	0.2727	0.3632
diabetes	0.8462	0.1538	0.8375	0.6750	0.5822
diabetes-risk	0.8531	0.1469	0.7511	0.4780	0.5950
diabetic1%	0.5882	0.2745	0.3770	0.1690	0.4677
diabetic10%	0.5668	0.2888	0.3676	0.1235	0.5097
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6707	0.1317	0.5802	0.5188	0.4048
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698
dota2	0.5988	0.4012	0.5956	0.1895	0.9276
dota210%	0.5689	0.4311	0.5648	0.1281	0.9517
drebin	0.9774	0.0226	0.9758	0.9515	0.1554
dropout	0.7675	0.1550	0.6834	0.6089	0.4601
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0976	0.0045	0.2956
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2067	0.2672	0.3893
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5745	0.1216	0.1987	0.0729	0.2576
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5585	0.1261	0.1583	0.1232	0.3470
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6117	0.1109	0.1777	0.2367	0.4021
drug-14	0.5957	0.1155	0.2340	0.2065	0.3758
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5798	0.1201	0.1767	0.2191	0.3070
drug-17	0.3670	0.1809	0.1341	0.1112	0.4330
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9273	0.0208	0.9400	0.9120	0.1187
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2300	0.3850	0.1957	-0.0305	0.7873
eeg	0.4168	0.0729	0.4578	0.3518	0.6043
eeg-eye	0.6355	0.3645	0.6279	0.2534	0.8944
eeg10%	0.3875	0.0766	0.4024	0.3169	0.5578
eucalyptus	0.6849	0.1260	0.6719	0.5952	0.3789
euthyroid	0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%	0.8945	0.1055	0.8954	0.7892	0.4416
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.8986	0.1014	0.8981	0.7958	0.4346
fbis-wc	0.8171	0.0215	0.7771	0.7904	0.1357
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.8470	0.0510	0.6710	0.7567	0.2463
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.6000	0.1000	0.3406	0.4754	0.2347
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9928	0.0024	0.9931	0.9913	0.0192
gastrointestinal	0.7500	0.1667	0.7508	0.6098	0.3946
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.9306	0.0463	0.9232	0.8897	0.1990
german	0.7500	0.2500	0.7146	0.3719	0.6479
gestures	0.2962	0.3519	0.2992	0.0613	0.8101
gina	0.8876	0.1124	0.8877	0.7750	0.4651
gisette	0.9714	0.0286	0.9714	0.9429	0.1749
glass	0.6667	0.1111	0.5168	0.5116	0.2711
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP	0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2667	0.3667	0.2196	-0.0248	0.5971
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9625	0.0063	0.8565	0.9557	0.0550
har	0.8165	0.0734	0.8067	0.7671	0.3127
har701%	0.7752	0.0642	0.3991	0.6337	0.1265
harth1%	0.6799	0.0533	0.2578	0.5429	0.1900
hayes-roth	0.3750	0.4167	0.3972	0.0303	0.7342
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8480	0.1520	0.8230	0.6460	0.5995

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.8365	0.1635	0.8365	0.6729	0.5907
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6627	0.3373	0.6602	0.3162	0.8587
higgs1%	0.6415	0.3585	0.6395	0.2672	0.8638
higher	0.2143	0.1964	0.0469	0.0128	0.3668
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9342	0.0658	0.8800	0.7588	0.4162
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.3968	0.2163	0.5743
hotel-reservartions	0.8159	0.1841	0.7838	0.5614	0.6459
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.5873	0.2751	0.5912	0.3794	0.6400
htru2	0.9788	0.0212	0.9333	0.8627	0.1775
hypothyroid	0.9655	0.0172	0.6354	0.7729	0.1281
hypothyroidT	0.9629	0.0371	0.8555	0.6642	0.1117
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9527	0.0237	0.9531	0.9369	0.0955
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	0.8667	0.0889	0.8500	0.7973	0.2122
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9384	0.0047	0.9392	0.9359	0.0540
jm1	0.8081	0.1919	0.5905	0.0638	0.5197
jvowels	0.9588	0.0091	0.9567	0.9533	0.0676
kc1	0.8673	0.1327	0.7118	0.2315	0.2755
kc1-class-level-defectiveornot	0.8667	0.1333	0.8696	0.7059	0.3322
kc1-class-level-numericdefect	0.6429	0.0298	0.0738	0.1860	0.1947
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6081	0.1734	0.7219
kdc-4007	0.8454	0.0387	0.7401	0.8196	0.2351
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9982	0.0002	0.4546	0.9969	0.0105
kddcup9910%	0.9993	0.0001	0.6254	0.9989	0.0243
kepler	0.8797	0.0802	0.8383	0.8012	0.2121
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.2934	0.0785	0.2051	0.1879	0.4561
krvskp	0.9624	0.0376	0.9627	0.9247	0.2102
la1s-wc	0.8603	0.0466	0.8333	0.8233	0.2325
la2s-wc	0.8874	0.0375	0.8711	0.8581	0.2109
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6471	0.0176	0.3792	0.6314	0.0695
led24	0.7000	0.0600	0.6650	0.6610	0.1248
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.8580	0.0109	0.8577	0.8522	0.1525
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.9444	0.0074	0.9583	0.9403	0.0273
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7598	0.5182	0.7036

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
loan	0.9274	0.0726	0.9224	0.8445	0.3532
localization10%	0.1650	0.1518	0.0258	0.0000	0.3230
lrs	0.7358	0.0528	0.3731	0.6297	0.1575
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9033	0.8050	0.4227
madelon	0.5500	0.4500	0.5511	0.1000	0.9587
magic04	0.7822	0.2178	0.7528	0.4978	0.7013
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8640	0.7277	0.5259
marketing	0.9018	0.0982	0.7767	0.4952	0.4071
maternal	0.6337	0.2442	0.6420	0.4358	0.5425
math	0.8250	0.0875	0.8178	0.7252	0.2331
mba	0.8371	0.1086	0.3965	0.1076	0.3204
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.1667	0.3333	0.1475	-0.0442	0.8107
messidor	0.7217	0.2783	0.7220	0.4416	0.7856
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9800	0.0040	0.9804	0.9778	0.0253
mfeat-fou	0.8400	0.0320	0.8437	0.8222	0.1411
mfeat-kar	0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-mor	0.7250	0.0550	0.7275	0.6944	0.2007
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0163
mfeat-zer	0.8850	0.0230	0.8895	0.8722	0.1045
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9434	0.0377	0.9445	0.9139	0.1487
mines	0.5000	0.2000	0.4355	0.3738	0.4046
mobile	0.8497	0.0054	0.8614	0.8469	0.0699
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4856	0.0935	0.4945	0.3756	0.5307
musk	0.9409	0.0591	0.8798	0.7394	0.2589
MUT_ci300400a_cdk_ECFP2	0.8010	0.1990	0.7939	0.5867	0.6660
MUT_ci300400a_cdk_ECFP4	0.8108	0.1892	0.8048	0.6095	0.6498
MUT_ci300400a_cdk_ECFP6	0.7629	0.2371	0.7536	0.5046	0.7303
MUT_ci300400a_cdk_ESTATE	0.6847	0.3153	0.6845	0.3658	0.8304
MUT_ci300400a_cdk_EXTENDED	0.8141	0.1859	0.8075	0.6139	0.6394
MUT_ci300400a_cdk_FCFP2	0.7760	0.2240	0.7694	0.5388	0.7137
MUT_ci300400a_cdk_FCFP4	0.7866	0.2134	0.7786	0.5557	0.6914
MUT_ci300400a_cdk_FCFP6	0.7914	0.2086	0.7850	0.5699	0.6866
MUT_ci300400a_cdk_MACCS	0.7590	0.2410	0.7491	0.4943	0.7339
MUT_ci300400a_cdk_PUBCHEM	0.8359	0.1641	0.8301	0.6584	0.5911
MUT_ci300400a_cdk_STANDARD	0.7880	0.2120	0.7808	0.5613	0.6920
MUT_ci300400a_rdkit_descriptors	0.7882	0.2118	0.7825	0.5645	0.6901

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
myocardial	0.8765	0.0309	0.2785	0.3554	0.1020
naticusdroid	0.9560	0.0440	0.9561	0.9120	0.2414
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.5000	0.1111	0.2917	0.4194	0.1042
ncRNA1%	0.8829	0.0123	0.2473	0.6295	0.1823
neo	0.8954	0.1046	0.5396	0.0360	0.5382
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.8162	0.0084	0.8051	0.8102	0.1477
newspop	0.6456	0.3544	0.6426	0.2841	0.8842
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9460	0.0540	0.9337	0.8674	0.3140
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9352	0.0259	0.7139	0.9047	0.1182
obesity	0.9431	0.0162	0.9427	0.9336	0.0856
obs	0.8519	0.0741	0.8922	0.7745	0.1741
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.8119	0.0376	0.7913	0.7841	0.1843
oh10-wc	0.6952	0.0610	0.6927	0.6525	0.2786
oh15-wc	0.6739	0.0652	0.6339	0.6304	0.3257
oh5-wc	0.7802	0.0440	0.7807	0.7524	0.2218
ohscal-wc	0.7384	0.0523	0.7260	0.7070	0.3424
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9104	0.0896	0.4765	-0.0019	0.2753
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9769	0.0046	0.9782	0.9743	0.0339
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8660	0.1340	0.8507	0.7015	0.5477
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants	0.9952	0.0048	0.6446	0.2089	0.3604
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.7052	0.8118	0.0367
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.7962	0.2038	0.7894	0.5764	0.6772
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.8967	0.1033	0.8693	0.7372	0.4744
particle10%	0.8700	0.1300	0.8342	0.6655	0.5462
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5773	0.4227	0.5083	0.0059	0.7361
pcos	0.9933	0.0067	0.9896	0.9789	0.0328
pd	0.9079	0.0921	0.8752	0.7500	0.4624
pediatric-leukemia	0.8235	0.0504	0.8017	0.7818	0.1539
pendigits	0.9827	0.0035	0.9830	0.9808	0.0295
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.8163	0.1837	0.8011	0.5994	0.6385
personalities	0.9575	0.0053	0.9576	0.9547	0.0728
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phone-acc0.1%	0.3737	0.1790	0.3476	0.2686	0.5412
phone-acc1%	0.3790	0.1774	0.3113	0.2655	0.4715
phone-gyr0.1%	0.2498	0.2143	0.1491	0.1321	0.4007
phone-gyr1%	0.3650	0.1814	0.3552	0.2442	0.3648
phoneme	0.7722	0.2278	0.7047	0.4050	0.7561
phy	0.7038	0.2962	0.7038	0.4076	0.8161
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9902	0.0065	0.9828	0.9689	0.0622
placement	0.7920	0.2080	0.7867	0.5734	0.6850
plant-growth	0.4737	0.5263	0.3214	0.0000	0.5305
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4995	0.1001	0.0666	0.0000	0.1727
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7892	0.2108	0.7641	0.5225	0.6907
popularity	0.5453	0.3032	0.4018	0.1864	0.4581
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8722	0.0511	0.8730	0.8402	0.2135
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7073	0.4118	0.8058
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4545	0.0496	0.2300	0.3939	0.1927
profb	0.7313	0.2687	0.6689	0.2923	0.7269
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.8646	0.0541	0.8239	0.8178	0.2235
puc-rio10%	0.8727	0.0509	0.8268	0.8288	0.2213
pufs-1281%	0.4928	0.5072	0.4926	-0.0144	0.9943
pufs-641%	0.4975	0.5025	0.4975	-0.0051	1.0000
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9333	0.0667	0.9333	0.8667	0.3271
rcv11%	0.8722	0.0048	0.4549	0.8582	0.1219
rcv110%	0.9126	0.0033	0.6923	0.9028	0.1638
re0-wc	0.8267	0.0267	0.7833	0.7675	0.2301
re1-wc	0.7048	0.0236	0.5064	0.6604	0.2224
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8795	0.0037	0.3516	0.8349	0.1580
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6241	0.3759	0.5963	0.1861	0.9058
RT_IOT2022	0.9931	0.0012	0.7894	0.9827	0.0115
satimage	0.8647	0.0451	0.8360	0.8326	0.1959
satimageF	0.9860	0.0140	0.9632	0.9255	0.1348
satimageT	0.9020	0.0980	0.6685	0.0540	0.2209
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6471	0.3529	0.6838	0.2941	0.6910
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.8854	0.1146	0.8840	0.7681	0.4757
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9524	0.0136	0.9569	0.9443	0.0630
segmentation	0.8267	0.1733	0.8065	0.6039	0.6005
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8583	0.1417	0.4619	-0.0151	0.5050
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8632	0.1368	0.5547	0.0445	0.5361
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8605	0.1395	0.4625	-0.0151	0.5048
sens-7-gram	0.8684	0.1316	0.6013	0.1055	0.5237
sens-8-gram	0.8632	0.1368	0.5688	0.0697	0.5660
sens-9-gram	0.8658	0.1342	0.5694	0.0500	0.4928
sensorless	0.9244	0.0137	0.9246	0.9169	0.0831
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8775	0.1225	0.7206	0.3685	0.4936
shuttle	0.9669	0.0095	0.5126	0.9047	0.0845
sick	0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9249	0.0751	0.8902	0.7792	0.4511
skin10%	0.9212	0.0788	0.8813	0.7625	0.4578
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.3400	0.3300	0.3234	0.1167	0.7203
smk_can_187	0.8421	0.1579	0.8427	0.6816	0.5635
smoking	0.7412	0.2588	0.7188	0.4372	0.7788
soil_pollution	0.2433	0.3027	0.2148	0.0475	0.6709
solar-flare	0.7482	0.0839	0.5770	0.6752	0.1759
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9420	0.0580	0.8052	0.5956	0.4472
spambase	0.9174	0.0826	0.9136	0.8243	0.3603
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.6415	0.0149	0.2660	0.6201	0.1012
splice-EI	0.9621	0.0379	0.9509	0.9013	0.2711
splice-IE	0.8644	0.1356	0.8149	0.6296	0.6017
sport-articles	0.8100	0.1900	0.7926	0.5658	0.6019
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7637	0.1575	0.7145	0.6166	0.4596
steel-b	0.8000	0.2000	0.6243	0.1231	0.5404
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.7590	0.2410	0.7219	0.4110	0.6894
steel-p	0.9231	0.0769	0.6783	0.3135	0.5446
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stellar	0.9662	0.0225	0.9610	0.9396	0.1144
stock	0.8819	0.1181	0.7767	0.5222	0.5108
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8060	0.1940	0.8038	0.6076	0.6555
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6400	0.1440	0.3595	0.3954	0.3717
student-depression	0.8323	0.1677	0.8259	0.6505	0.6009
student-habits	0.3700	0.2520	0.1373	-0.0138	0.3960
student-weekend	0.3846	0.2462	0.1737	0.1074	0.5148
student-workday	0.6875	0.1250	0.1630	-0.0248	0.2966
studentap	0.3846	0.4103	0.2968	0.0545	0.6172

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
susy1%	0.7930	0.2070	0.7926	0.5773	0.6546
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.9048	0.0952	0.8760	0.7514	0.4622
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.6769	0.3239	0.4864
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9095	0.0905	0.8800	0.7598	0.4711
tis10%	0.8358	0.1642	0.7637	0.5185	0.6401
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.9412	0.0294	0.9478	0.9209	0.0644
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7200	0.2800	0.4186	-0.0736	0.7975
trec11-wc	0.8780	0.0271	0.6931	0.8477	0.0688
trec12-wc	0.9032	0.0242	0.9196	0.8821	0.0667
trec21-wc	0.9091	0.0303	0.4516	0.7946	0.0711
trec23-wc	0.6190	0.1270	0.5544	0.4862	0.3794
trec31-wc	0.9570	0.0123	0.7974	0.9432	0.1098
trec41-wc	0.8295	0.0341	0.6769	0.7885	0.1626
trec45-wc	0.7391	0.0522	0.6943	0.6945	0.2383
tuandromd	0.9731	0.0269	0.9577	0.9151	0.1965
turkish	0.8000	0.1000	0.8033	0.7333	0.2058
tvnews1%	0.9385	0.0615	0.9336	0.8667	0.3108
tvnews10%	0.8967	0.1033	0.8878	0.7737	0.4401
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8308	0.7894	0.1388
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
url-rep1%	0.9850	0.0150	0.9831	0.9662	0.1108
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9910	0.0090	0.7239	0.2833	0.1224
vehicle	0.7738	0.1131	0.7521	0.6973	0.1905
vehicleVAN	0.9643	0.0357	0.9519	0.9032	0.2250
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5657	0.0790	0.6062	0.5222	0.2282
vowelZ	0.9899	0.0101	0.9688	0.9357	0.0414
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.8333	0.0167	0.6509	0.8139	0.1154
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.1830	0.2334	0.0864	0.0060	0.4479
watch-gyr1%	0.2243	0.2216	0.0986	0.0795	0.4211
water_pollution	0.2267	0.3867	0.1509	-0.0333	0.5926
waveform	0.8420	0.1053	0.8420	0.7630	0.3654
weather-related	0.9769	0.0042	0.9791	0.9738	0.0326
web-phishing	0.8000	0.1333	0.5528	0.6250	0.4126
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.6724	0.1311	0.6661	0.5875	0.4797
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9689	0.0311	0.8080	0.5799	0.3137
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5723	0.1426	0.2112	0.2753	0.3287
winequality-white	0.5092	0.1402	0.2026	0.1772	0.3910
winnipeg	0.9935	0.0019	0.9930	0.9918	0.0185
winnipeg10%	0.9917	0.0024	0.9936	0.9895	0.0182
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.5270	0.0946	0.3364	0.3894	0.3422
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9495	0.0101	0.9450	0.9434	0.0821

Table 481: Detailed results for SVM(ova)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0024	0.0688	0.0002	0.0000	0.3628
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9848	0.0152	0.9679	0.9350	0.1232
adult	0.8458	0.1542	0.7728	0.5379	0.6252
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8545	0.1455	0.7898	0.5692	0.5881
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8733	0.1267	0.8708	0.7413	0.5066
alcohol	0.7048	0.1181	0.3041	0.1764	0.2180
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8419	0.1581	0.8239	0.6456	0.5899
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9903	0.0049	0.9556	0.9814	0.0251
anuran-genus	0.9903	0.0024	0.9803	0.9840	0.0210
anuran-species	0.9847	0.0031	0.9758	0.9787	0.0290
anxiety	0.1000	0.2000	0.0586	-0.0198	0.6949
apple-quality	0.7275	0.2725	0.7281	0.4550	0.7802
aps-failure	0.9826	0.0174	0.7029	0.3863	0.4852
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9932	0.0068	0.7285	0.2565	0.0279
arcene	0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia	0.6667	0.0513	0.2754	0.3686	0.2444

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9510	0.0490	0.8822	0.7555	0.3182
audiology	0.6957	0.0254	0.3026	0.6492	0.0920
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.7983	0.0336	0.7752	0.7291	0.2646
babies	0.3790	0.1774	0.1049	-0.0110	0.3304
balance	0.9032	0.0645	0.6228	0.8178	0.1771
bank	0.9124	0.0876	0.7469	0.4728	0.5423
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8963	0.1037	0.8868	0.7681	0.4193
basehock	0.9598	0.0402	0.9598	0.9196	0.2266
bio	0.9973	0.0027	0.9162	0.8232	0.1143
bio10%	0.9959	0.0041	0.8698	0.7253	0.2186
biodeg	0.8952	0.1048	0.8885	0.7768	0.4558
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5724	0.2138	0.5529	0.4299	0.5155
bookings	0.9898	0.0068	0.7361	0.9783	0.0490
brain-tumor	0.4960	0.5040	0.4945	-0.0095	0.9568
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.7059	0.7755	0.0848
bridges	0.8000	0.0571	0.5593	0.6970	0.0779
bub10at310k-hg16-17	0.8988	0.1012	0.6682	0.3339	0.6625
bub12at310k-hg16-17	0.9089	0.0911	0.4761	-0.0004	0.2278
bub8at310k-hg16-17	0.8722	0.1278	0.6635	0.3221	0.6743
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9828	0.0086	0.9710	0.9631	0.0552
car-insurance	0.8320	0.1680	0.8019	0.6031	0.6332
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.8404	0.0319	0.8186	0.8078	0.1814
cardiotocography-nsp	0.9061	0.0626	0.8195	0.7281	0.2738
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.7040	0.5969	0.3772
cas_N6512_cdk_ECFP2	0.7849	0.2151	0.7837	0.5674	0.6932
cas_N6512_rdkit_ATOMPAIR	0.7677	0.2323	0.7657	0.5303	0.7201
cas_N6512_RDkit_AtomPair_FP	0.7485	0.2515	0.7464	0.4896	0.7463
cas_N6512_rdkit_AVALON	0.7819	0.2181	0.7806	0.5613	0.6986
cas_N6512_RDkit_Avalon_FP	0.8067	0.1933	0.8064	0.6123	0.6516
cas_N6512_rdkit_descriptors	0.7938	0.2062	0.7936	0.5866	0.6754
cas_N6512_rdkit_FEATMORGAN	0.7849	0.2151	0.7835	0.5670	0.6933
cas_N6512_RDkit_Featmorgan_FP	0.8067	0.1933	0.8054	0.6108	0.6528
cas_N6512_RDkit_FP	0.7439	0.2561	0.7417	0.4829	0.7598
cas_N6512_rdkit_LAYERED	0.7800	0.2200	0.7802	0.5594	0.6987
cas_N6512_RDkit_Layered_FP	0.7684	0.2316	0.7665	0.5324	0.7203
cas_N6512_rdkit_MACCS	0.8126	0.1874	0.8111	0.6212	0.6382
cas_N6512_RDkit_MACCS_FP	0.8021	0.1979	0.8026	0.6039	0.6576
cas_N6512_rdkit_MORGAN	0.8046	0.1954	0.8031	0.6053	0.6543
cas_N6512_RDkit_morgan_FP	0.8190	0.1810	0.8177	0.6354	0.6282

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_PATTERN	0.7954	0.2046	0.7940	0.5880	0.6743
cas_N6512_RDkit_pattern_FP	0.7899	0.2101	0.7891	0.5780	0.6839
cas_N6512_rdkit_RDKITFP	0.7650	0.2350	0.7634	0.5267	0.7272
cas_N6512_rdkit_TORSION	0.7831	0.2169	0.7821	0.5641	0.6962
ccds1%	0.9643	0.0357	0.6933	0.1289	0.1053
ccds10%	0.9556	0.0444	0.5991	0.1709	0.5689
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7865	0.5702	0.6788
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8094	0.5869	0.3207
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.4871	-0.0029	0.2827
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census10%	0.9502	0.0498	0.7249	0.3984	0.4399
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8341	0.0830	0.7509	0.7468	0.2111
chrom19	0.9995	0.0005	0.8619	0.7175	0.2940
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.8054	0.6107	0.4619
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7970	0.2030	0.5852	0.0722	0.5694
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7053	0.2947	0.6760	0.3455	0.8195
circles	0.3770	0.0125	0.3716	0.3707	0.1683
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8741	0.0630	0.8073	0.8040	0.2509
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4881	0.1807	0.6684
cnae-9	0.9444	0.0123	0.9471	0.9375	0.0575
codon_usage	0.9386	0.0112	0.7978	0.9254	0.1297
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.6200	0.0507	0.5017	0.5780	0.1905
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5271	0.0478	0.9158
colposcopies-2	0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3	0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.5136	0.4864	0.5046	0.0076	0.9342
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7716	0.2284	0.7716	0.5432	0.7149
coupon	0.7666	0.2334	0.7602	0.5182	0.7228
covtype10%	0.7077	0.0835	0.4562	0.5159	0.3412
covtypeCD	0.9901	0.0099	0.9787	0.9572	0.0964
covtypeT	0.9849	0.0151	0.9401	0.8791	0.2052
crabs	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
creditcard_trans	0.9992	0.0008	0.8606	0.6996	0.1818
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9622	0.0126	0.8884	0.9225	0.1474
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.2500	0.0375	0.1673	0.2328	0.1551
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1600	0.2800	0.1241	-0.0145	0.7184
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.6481	0.3519	0.6350	0.2682	0.8851
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1046	0.1791	0.1029	0.0033	0.6533
day1%	0.9816	0.0184	0.9800	0.9601	0.1316
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8240	0.1760	0.7071	0.3663	0.6168
defect	0.8889	0.1111	0.7718	0.4273	0.2489
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8921	0.1079	0.6635	0.2430	0.5146
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4333	0.2941	0.4371
dexter	0.8333	0.1667	0.8459	0.6667	0.4958
df_final	0.8125	0.1250	0.8272	0.7108	0.2451
DIA	0.7667	0.2333	0.7029	0.4043	0.7642
diabetes	0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-100k	0.9568	0.0432	0.8478	0.6857	0.3761
diabetic	0.5673	0.2885	0.3666	0.1050	0.4746
diabetic1%	0.5588	0.2941	0.3546	0.0648	0.4110
diabetic10%	0.5776	0.2816	0.3798	0.1596	0.5162
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9333	0.0333	0.9010	0.9065	0.0662
diamonds_all	0.4381	0.2248	0.4292	0.2725	0.4230
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698
dota210%	0.5660	0.4340	0.5619	0.1225	0.9543
drebin	0.9787	0.0213	0.9772	0.9543	0.1462
dropout	0.7562	0.1625	0.6630	0.5843	0.4596
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1475	0.0283	0.2379
drug-04	0.5266	0.1353	0.1003	0.0175	0.3423
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.2239	0.2397	0.4155
drug-07	0.4255	0.1641	0.1288	-0.0061	0.2922
drug-08	0.5691	0.1231	0.2154	0.0639	0.2696
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5479	0.1292	0.1507	0.0294	0.3107
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6011	0.1140	0.1580	0.1275	0.3166
drug-14	0.5745	0.1216	0.1908	0.1565	0.4102
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-16	0.5266	0.1353	0.1251	0.0504	0.3132
drug-17	0.3511	0.1854	0.1274	0.0599	0.4308
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7660	0.0669	0.1239	-0.0077	0.2153
drybean	0.9324	0.0193	0.9446	0.9182	0.1128
ecoli	0.8235	0.0441	0.5245	0.7536	0.1141
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2217	0.0084	0.7029
eeg	0.2252	0.0969	0.2260	0.1136	0.5544
eeg-eye	0.8965	0.1035	0.8954	0.7907	0.4437
eeg10%	0.3706	0.0787	0.3166	0.2961	0.5619
eucalyptus	0.6301	0.1479	0.5833	0.5173	0.3657
euthyroid	0.9620	0.0380	0.8843	0.7575	0.2774
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.9082	0.0918	0.9083	0.8147	0.3954
fbis-wc	0.8537	0.0172	0.8323	0.8337	0.1220
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8431	0.1569	0.8415	0.6808	0.5690
financial-risk	0.7535	0.0822	0.4873	0.5789	0.2276
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.7500	0.0625	0.4052	0.6743	0.1473
forest	0.9038	0.0481	0.8977	0.8672	0.1496
gas	0.9950	0.0017	0.9951	0.9939	0.0139
gastrointestinal	0.7500	0.1667	0.7350	0.5762	0.3954
gender	0.5874	0.2751	0.3318	0.0013	0.3638
gene	0.9369	0.0421	0.9266	0.8988	0.1890
german	0.7500	0.2500	0.7146	0.3719	0.6479
gestures	0.3587	0.3206	0.3684	0.1444	0.7418
gina	0.9510	0.0490	0.9510	0.9020	0.2620
gisette	0.9743	0.0257	0.9743	0.9486	0.1615
glass	0.7619	0.0794	0.7125	0.6591	0.2085
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.3415	0.1615	0.5257
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.9643	0.0059	0.8763	0.9578	0.0550
har	0.7350	0.1060	0.7255	0.6630	0.4059
har701%	0.9111	0.0254	0.5364	0.8687	0.1117
harth1%	0.6556	0.0574	0.2404	0.5031	0.2190
hayes-roth	0.6875	0.2083	0.7253	0.5000	0.4011
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8387	0.1613	0.8369	0.6723	0.5819

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8500	0.1500	0.8250	0.6500	0.5946
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6664	0.3336	0.6639	0.3266	0.8609
higgs1%	0.6459	0.3541	0.6435	0.2780	0.8659
higher	0.2857	0.1786	0.1705	0.1083	0.3415
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9342	0.0658	0.8800	0.7588	0.4162
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.4206	0.2632	0.4986
hotel-reservartions	0.8189	0.1811	0.7882	0.5720	0.6445
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9992	0.0005	0.9993	0.9989	0.0045
htru2	0.9799	0.0201	0.9370	0.8707	0.1738
hypothyroid	0.9337	0.0332	0.5130	0.5061	0.2414
hypothyroidT	0.9788	0.0212	0.9211	0.8289	0.0734
ilpd	0.7288	0.2712	0.6560	0.0817	0.4230
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9447	0.0277	0.9451	0.9262	0.1101
ionosphere	0.9143	0.0857	0.9146	0.8148	0.3671
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9204	0.0061	0.9210	0.9172	0.0739
jm1	0.8136	0.1864	0.6206	0.1556	0.6086
jvowels	0.9880	0.0027	0.9880	0.9864	0.0210
kc1	0.8483	0.1517	0.6615	0.0501	0.2969
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.5714	0.0357	0.0526	0.2364	0.1779
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6501	0.2145	0.6041
kdc-4007	0.7207	0.0698	0.7144	0.6864	0.2443
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9968	0.0005	0.7334	0.9945	0.0137
kddcup9910%	0.9989	0.0001	0.8037	0.9982	0.0389
kepler	0.8619	0.0921	0.8148	0.7717	0.2307
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7205	0.0311	0.6855	0.6872	0.2722
krvskp	0.9937	0.0063	0.9937	0.9874	0.0522
la1s-wc	0.8857	0.0381	0.8670	0.8563	0.2138
la2s-wc	0.8940	0.0353	0.8724	0.8657	0.1805
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.1765	0.0412	0.0933	0.1656	0.2730
led24	0.7000	0.0600	0.6724	0.6610	0.1227
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9600	0.0031	0.9603	0.9584	0.0469
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.9167	0.0111	0.9333	0.9107	0.0376
linkage	1.0000	0.0000	0.9994	0.9988	0.0029
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9227	0.0773	0.9173	0.8341	0.3661
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.6711	0.0598	0.3934	0.5749	0.3751
lrs	0.8679	0.0264	0.4478	0.8162	0.0771
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.8723	0.1277	0.8685	0.7371	0.5135
madelon	0.6115	0.3885	0.6133	0.2231	0.9083
magic04	0.8664	0.1336	0.8514	0.7016	0.5341
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8432	0.6850	0.5699
marketing	0.8929	0.1071	0.7519	0.4309	0.4261
maternal	0.6436	0.2376	0.6486	0.4511	0.5561
math	0.7500	0.1250	0.7463	0.6040	0.2915
mba	0.8194	0.1204	0.4335	0.2892	0.3917
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2067	0.3173	0.1197	-0.0011	0.6041
messidor	0.7304	0.2696	0.7298	0.4578	0.7758
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.5965	0.4545	0.2385
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9750	0.0050	0.9756	0.9722	0.0290
mfeat-fou	0.8250	0.0350	0.8266	0.8056	0.1644
mfeat-kar	0.9700	0.0060	0.9701	0.9667	0.0380
mfeat-mor	0.7450	0.0510	0.7278	0.7167	0.1642
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0163
mfeat-zer	0.8650	0.0270	0.8643	0.8500	0.0743
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8774	0.0818	0.8865	0.8158	0.2482
mines	0.5588	0.1765	0.5327	0.4463	0.4018
mobile	0.7133	0.0102	0.7091	0.7081	0.1247
monks-1	0.9818	0.0182	0.9821	0.9636	0.1023
monks-2	0.9344	0.0656	0.9274	0.8548	0.3422
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4211	0.1053	0.4279	0.2703	0.5133
musk	0.9985	0.0015	0.9971	0.9942	0.0091
MUT_ci300400a_cdk_ECFP2	0.8237	0.1763	0.8183	0.6365	0.6237
MUT_ci300400a_cdk_ECFP4	0.8575	0.1425	0.8534	0.7067	0.5496
MUT_ci300400a_cdk_ECFP6	0.8216	0.1784	0.8156	0.6307	0.6263
MUT_ci300400a_cdk_ESTATE	0.7830	0.2170	0.7744	0.5442	0.6898
MUT_ci300400a_cdk_EXTENDED	0.8381	0.1619	0.8328	0.6651	0.5913
MUT_ci300400a_cdk_FCFP2	0.8491	0.1509	0.8439	0.6868	0.5638
MUT_ci300400a_cdk_FCFP4	0.8381	0.1619	0.8329	0.6654	0.5918
MUT_ci300400a_cdk_FCFP6	0.8249	0.1751	0.8197	0.6394	0.6215
MUT_ci300400a_cdk_MACCS	0.8405	0.1595	0.8355	0.6709	0.5873
MUT_ci300400a_cdk_PUBCHEM	0.8707	0.1293	0.8664	0.7324	0.5140

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_STANDARD	0.8240	0.1760	0.8185	0.6368	0.6233
MUT_ci300400a_rdkit_descriptors	0.8145	0.1855	0.8092	0.6170	0.6366
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9697	0.0303	0.9697	0.9393	0.1830
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA1%	0.9007	0.0105	0.4069	0.7097	0.3042
neo	0.8912	0.1088	0.5732	0.1108	0.6361
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
new3s-wc	0.8319	0.0076	0.8357	0.8265	0.1307
newspop	0.6466	0.3534	0.6438	0.2867	0.8835
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9446	0.0554	0.9319	0.8638	0.3197
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	1.0000	0.0000	0.8000	1.0000	0.0000
obesity	0.6493	0.1002	0.6465	0.5899	0.3073
obs	0.9815	0.0093	0.9867	0.9725	0.0473
occupancy	0.9903	0.0097	0.9867	0.9730	0.1155
Occupancy_Estimation	0.9941	0.0030	0.9783	0.9819	0.0134
oh0-wc	0.8416	0.0317	0.8236	0.8182	0.1456
oh10-wc	0.7238	0.0552	0.6615	0.6846	0.2593
oh15-wc	0.6957	0.0609	0.6561	0.6566	0.3040
oh5-wc	0.8022	0.0396	0.8068	0.7765	0.1961
ohscal-wc	0.7787	0.0443	0.7661	0.7521	0.3018
olive	0.9474	0.0117	0.9231	0.9347	0.0366
opn310k	0.9088	0.0912	0.4761	-0.0006	0.2353
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.5856	0.0034	0.2276
optdigits	0.9840	0.0032	0.9847	0.9822	0.0240
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8351	0.1649	0.8163	0.6326	0.6190
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8855	0.7631	0.4508
p53-mutants	0.9962	0.0038	0.7428	0.3986	0.2322
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9653	0.0139	0.8082	0.7809	0.0958
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.7962	0.2038	0.7894	0.5764	0.6772
parkinsons-small	0.7368	0.2632	0.4242	0.0000	0.4125
particle	0.9056	0.0944	0.8798	0.7543	0.4183
particle10%	0.9154	0.0846	0.8927	0.7814	0.3897
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5722	0.4278	0.4869	-0.0083	0.7391
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia	0.8824	0.0336	0.8069	0.8547	0.0910
pendigits	0.9954	0.0009	0.9956	0.9949	0.0087
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8047	0.1953	0.7890	0.5766	0.6663
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9673	0.0327	0.9658	0.9310	0.1820

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
PhiUSIIL	1.0000	0.0000	1.0000	1.0000	0.0000
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.7611	0.0683	0.7434	0.7204	0.2592
phone-gyr0.1%	0.7796	0.0630	0.7634	0.7419	0.2667
phoneme	0.8852	0.1148	0.8551	0.7081	0.5043
phy	0.6832	0.3168	0.6832	0.3663	0.8420
pima	0.5658	0.4342	0.4310	-0.0627	0.8564
pirvision	0.9895	0.0070	0.9804	0.9668	0.0644
placement	0.7960	0.2040	0.7906	0.5813	0.6778
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.2576	0.1485	0.0500	-0.0096	0.2837
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th	0.9340	0.0660	0.6503	0.1552	0.3548
polya	0.7892	0.2108	0.7637	0.5204	0.6875
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8188	0.0725	0.8188	0.7734	0.2833
pred-tox_mutagen_ref-desc	0.7647	0.2353	0.7689	0.5294	0.7017
prestige	0.7778	0.1481	0.5822	0.6327	0.2079
primary-tumor	0.2121	0.0716	0.1231	0.1734	0.2892
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7463	0.2537	0.6981	0.3893	0.7756
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9831	0.0068	0.9717	0.9773	0.0540
pufs-1281%	0.4900	0.5100	0.4900	-0.0200	1.0000
pufs-641%	0.5008	0.4992	0.5008	0.0011	0.8859
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.2056	0.0300	0.0741	0.1864	0.2666
rcv110%	0.8916	0.0043	0.6986	0.8792	0.1651
re0-wc	0.8333	0.0256	0.8129	0.7763	0.2258
re1-wc	0.7711	0.0183	0.5751	0.7367	0.1788
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.9060	0.0029	0.4807	0.8701	0.0920
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6575	0.3425	0.6360	0.2673	0.8743
RT_IOT2022	0.9889	0.0019	0.9222	0.9721	0.0165
satimage	0.9020	0.0327	0.8881	0.8788	0.1510
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.9362	0.0638	0.7994	0.5699	0.4108
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	0.8855	0.1145	0.8842	0.7684	0.4753
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9530	0.9393	0.0695
segmentation	0.8267	0.1733	0.8065	0.6039	0.6005
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8474	0.1526	0.4587	-0.0377	0.6657
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.5983	0.0730	0.5662	0.5581	0.3281
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8800	0.1200	0.7283	0.4002	0.5160
shuttle	0.9986	0.0004	0.7097	0.9961	0.0375
sick	0.9655	0.0345	0.8427	0.6500	0.2345
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9994	0.0006	0.9991	0.9981	0.0109
skin10%	0.9992	0.0008	0.9988	0.9975	0.0129
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.3000	0.3500	0.2582	0.0561	0.7362
smk_can_187	0.7368	0.2632	0.7360	0.4693	0.7643
smoking	0.7430	0.2570	0.7213	0.4423	0.7761
soil_pollution	0.2267	0.3093	0.2143	0.0274	0.7097
solar-flare	0.7554	0.0815	0.6421	0.6832	0.1856
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.9559	0.0046	0.9608	0.9517	0.0303
spam-detection	0.9430	0.0570	0.8110	0.6114	0.4556
spambase	0.9043	0.0957	0.8995	0.7969	0.4095
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.1887	0.0338	0.0610	0.1612	0.2875
splice-EI	0.9621	0.0379	0.9509	0.9013	0.2711
splice-IE	0.8959	0.1041	0.8519	0.7022	0.5026
sport-articles	0.8100	0.1900	0.7917	0.5709	0.6237
squash-stored	0.6000	0.2667	0.6667	0.4118	0.3599
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8653	0.0898	0.8292	0.7797	0.2784
steel-b	0.8667	0.1333	0.7841	0.5591	0.5867
steel-d	0.9846	0.0154	0.8820	0.7613	0.4382
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.7846	0.2154	0.7535	0.4873	0.6684
steel-p	0.9179	0.0821	0.6618	0.2948	0.5925
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.8921	0.7804	0.3226
stellar	0.9496	0.0336	0.9432	0.9093	0.1577
stock	0.8819	0.1181	0.7767	0.5222	0.5108
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8020	0.1980	0.7998	0.5995	0.6631
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6250	0.1500	0.3568	0.3679	0.3612
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4000	0.2400	0.2657	0.1074	0.5672
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.4602	0.3750	0.3282
susy1%	0.8024	0.1976	0.8016	0.5973	0.6423

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4828	0.2000	0.6879
telco-churn	0.9048	0.0952	0.8760	0.7514	0.4622
texture	0.9964	0.0007	0.9965	0.9960	0.0060
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.6769	0.3239	0.4864
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9117	0.0883	0.8809	0.7617	0.4574
tis10%	0.8209	0.1791	0.7354	0.4503	0.6526
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4340	0.6098	0.1060
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc	0.9268	0.0163	0.8372	0.9092	0.0501
trec12-wc	0.9355	0.0161	0.9360	0.9221	0.0405
trec21-wc	0.9394	0.0202	0.6594	0.8745	0.1358
trec23-wc	0.8095	0.0635	0.8421	0.7565	0.1869
trec31-wc	0.9677	0.0092	0.8242	0.9571	0.0488
trec41-wc	0.9205	0.0159	0.8830	0.9023	0.0826
trec45-wc	0.7826	0.0435	0.7138	0.7461	0.2032
tuandromd	0.9821	0.0179	0.9719	0.9434	0.1312
turkish	0.7500	0.1250	0.7419	0.6667	0.2375
tvnews1%	0.9385	0.0615	0.9336	0.8667	0.3108
tvnews10%	0.8936	0.1064	0.8844	0.7671	0.4508
ur3_cobotops_grip	0.9769	0.0231	0.7773	0.4755	0.2251
ur3_cobotops_stop	0.9646	0.0354	0.6492	0.1781	0.3486
urban	0.8060	0.0431	0.8050	0.7724	0.1663
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
url-rep1%	0.9858	0.0142	0.9841	0.9681	0.1071
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9897	0.0103	0.6487	0.1471	0.2383
vehicle	0.8214	0.0893	0.8135	0.7614	0.1593
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5051	0.0900	0.6094	0.4556	0.2577
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.8333	0.0167	0.6549	0.8143	0.1000
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.8128	0.0535	0.8102	0.7809	0.2318
watch-gyr1%	0.7714	0.0653	0.7683	0.7330	0.2884
water_pollution	0.2533	0.3733	0.1022	-0.0086	0.4727
waveform	0.8600	0.0933	0.8601	0.7900	0.3356
weather-related	0.9673	0.0059	0.9680	0.9630	0.0463
web-phishing	0.8519	0.0988	0.7586	0.7301	0.3735
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.6306	0.1478	0.6545	0.5348	0.4573
white-clover	0.5000	0.2500	0.2500	0.0000	0.3597
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9896	0.0104	0.9464	0.8925	0.2660

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.7233	0.0922	0.3637	0.5466	0.2889
winequality-white	0.6585	0.0976	0.4047	0.4657	0.3876
winnipeg	0.9914	0.0025	0.9860	0.9891	0.0284
winnipeg10%	0.9890	0.0032	0.9855	0.9860	0.0226
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.9375	0.0083	0.9164	0.9328	0.0137
yeast	0.5541	0.0892	0.3187	0.4172	0.3497
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9613	0.0077	0.9593	0.9566	0.0685

Table 482: Detailed results for SVM(Polynomial)

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1639	0.0796	0.0770	0.0583	0.4439
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.9848	0.0152	0.9679	0.9350	0.1232
adult	0.7819	0.2181	0.6466	0.1420	0.5065
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9963	0.0037	0.4991	-0.0002	0.1628
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8545	0.1455	0.7898	0.5692	0.5881
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.8964	0.1036	0.8944	0.7877	0.4384
alcohol	0.8190	0.0724	0.4266	0.5482	0.1782
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8294	0.6570	0.5809
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9861	0.0070	0.9512	0.9735	0.0491
anuran-genus	0.9805	0.0049	0.9506	0.9678	0.0779
anuran-species	0.9819	0.0036	0.9522	0.9749	0.0395
anxiety	0.0833	0.2037	0.0602	-0.0378	0.7036
apple-quality	0.8325	0.1675	0.8343	0.6650	0.5859
aps-failure	0.9833	0.0167	0.6755	0.1973	0.2344
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9941	0.0059	0.7677	0.4422	0.1674
arabidopsis10%	0.9918	0.0082	0.6090	0.1072	0.3002
arcene	0.8000	0.2000	0.7917	0.5833	0.6737

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.7556	0.0489	0.6019	0.5733	0.2019
auction	0.9755	0.0245	0.9433	0.8799	0.0855
audiology	0.8182	0.0331	0.6496	0.7833	0.0682
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0600	0.8564	0.7980	0.1029
avila	0.5232	0.0795	0.4308	0.2480	0.2527
babies	0.3952	0.1728	0.1485	0.0144	0.3070
balance	0.9194	0.0538	0.8845	0.8604	0.3020
bank	0.9090	0.0910	0.7293	0.4237	0.5312
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8986	0.1014	0.8893	0.7736	0.4146
basehock	0.9598	0.0402	0.9598	0.9196	0.2266
bio	0.9941	0.0059	0.8009	0.5035	0.0249
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	0.9048	0.0952	0.9032	0.7879	0.2720
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5284	0.2358	0.5794	0.3711	0.4451
bookings	0.9900	0.0066	0.7742	0.9788	0.0259
brain-tumor	0.4975	0.5025	0.4975	-0.0051	1.0000
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.6364	0.1212	0.5413	0.5556	0.1847
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17	0.9084	0.0916	0.4760	-0.0013	0.2610
bub12at310k-hg16-17	0.9084	0.0916	0.4760	-0.0013	0.2610
bub8at310k-hg16-17	0.9090	0.0910	0.4762	-0.0002	0.2189
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9655	0.0172	0.9462	0.9268	0.1561
car-insurance	0.8340	0.1660	0.8039	0.6072	0.6284
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.8263	0.0347	0.7803	0.7909	0.1920
cardiotocography-nsp	0.8920	0.0720	0.7943	0.6573	0.2706
cardiovascular	0.7238	0.2762	0.7253	0.4476	0.7807
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6250	0.2500	0.5136	0.3678	0.5861
cas_N6512_cdk_ECFP2	0.7680	0.2320	0.7666	0.5331	0.7223
cas_N6512_rdkit_ATOMPAIR	0.7662	0.2338	0.7641	0.5273	0.7230
cas_N6512_RDkit_AtomPair_FP	0.7439	0.2561	0.7417	0.4801	0.7532
cas_N6512_rdkit_AVALON	0.7819	0.2181	0.7806	0.5613	0.6986
cas_N6512_RDkit_Avalon_FP	0.8083	0.1917	0.8080	0.6155	0.6484
cas_N6512_rdkit_descriptors	0.7938	0.2062	0.7924	0.5848	0.6771
cas_N6512_rdkit_FEATMORGAN	0.7742	0.2258	0.7729	0.5457	0.7119
cas_N6512_RDkit_Featmorgan_FP	0.8021	0.1979	0.8011	0.6022	0.6616
cas_N6512_RDkit_FP	0.7776	0.2224	0.7765	0.5529	0.7059
cas_N6512_rdkit_LAYERED	0.7662	0.2338	0.7645	0.5289	0.7253
cas_N6512_RDkit_Layered_FP	0.7377	0.2623	0.7354	0.4700	0.7685
cas_N6512_rdkit_MACCS	0.7954	0.2046	0.7936	0.5858	0.6699
cas_N6512_RDkit_MACCS_FP	0.7874	0.2126	0.7863	0.5725	0.6887

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.8046	0.1954	0.8031	0.6053	0.6543
cas_N6512_RDkit_morgan_FP	0.8206	0.1794	0.8193	0.6384	0.6250
cas_N6512_rdkit_PATTERN	0.7723	0.2277	0.7713	0.5426	0.7147
cas_N6512_RDkit_pattern_FP	0.7577	0.2423	0.7559	0.5118	0.7391
cas_N6512_rdkit_RDKITFP	0.7450	0.2550	0.7428	0.4837	0.7549
cas_N6512_rdkit_TORSION	0.7781	0.2219	0.7770	0.5540	0.7049
ccds1%	0.9643	0.0357	0.6933	0.1289	0.1053
ccds10%	0.9660	0.0340	0.7025	0.3404	0.4107
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7865	0.5702	0.6788
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8211	0.5667	0.0839
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9468	0.0532	0.5880	0.1246	0.5257
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9498	0.0502	0.7403	0.4033	0.3569
census10%	0.9455	0.0545	0.6819	0.1926	0.2726
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8935	0.0533	0.8866	0.8404	0.2116
chrom19	0.9996	0.0004	0.8732	0.7430	0.3031
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.7972	0.5942	0.4802
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8550	0.1450	0.7483	0.4552	0.5526
churn-bigml	0.9139	0.0861	0.8069	0.5673	0.3644
ci900367j_MACCS	0.7368	0.2632	0.7124	0.4189	0.7746
circles	0.3780	0.0124	0.3640	0.3717	0.1266
cirrhosis	0.8095	0.1270	0.5516	0.6129	0.3242
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8722	0.0639	0.8101	0.8025	0.2668
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4422	0.3719	0.4018	0.0257	0.3908
cnae-9	0.9259	0.0165	0.9265	0.9167	0.0839
codon_usage	0.9355	0.0117	0.7976	0.9216	0.1298
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.8400	0.0213	0.7154	0.8229	0.0629
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.5519	0.0584	0.7592
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
comedy_comparisons1%	0.5119	0.4881	0.5018	0.0029	0.9266
comedy_comparisons10%	0.5767	0.4233	0.5748	0.1455	0.9370
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7716	0.2284	0.7716	0.5432	0.7149

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
coupon	0.7532	0.2468	0.7461	0.4891	0.7427
covtype10%	0.6072	0.1122	0.4650	0.3008	0.3462
covtypeCD	0.9901	0.0099	0.9787	0.9572	0.0964
covtypeT	0.9826	0.0174	0.9303	0.8586	0.2200
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9985	0.0015	0.7103	0.1849	0.0080
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9539	0.0154	0.8978	0.9055	0.1447
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5312	0.0293	0.4467	0.5161	0.0905
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.1282	0.0061	0.5249
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.6852	0.3148	0.6800	0.3598	0.8410
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1104	0.1779	0.0983	0.0096	0.6381
day1%	0.9816	0.0184	0.9800	0.9601	0.1316
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8889	0.1111	0.7718	0.4273	0.2489
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9036	0.0964	0.7260	0.4260	0.5626
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.3667	0.0588	0.6762
dexter	0.6500	0.3500	0.6508	0.3000	0.8761
df_final	0.8125	0.1250	0.8272	0.7108	0.2451
DIA	0.8000	0.2000	0.7183	0.2727	0.3632
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k	0.9544	0.0456	0.8433	0.6828	0.4300
diabetes-risk	0.8755	0.1245	0.7932	0.5657	0.5262
diabetic	0.5508	0.2995	0.3508	0.0635	0.4871
diabetic1%	0.6078	0.2614	0.4115	0.1876	0.3961
diabetic10%	0.5540	0.2973	0.3507	0.0709	0.4789
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7171	0.1132	0.6993	0.5957	0.3534
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9971	0.0029	0.6104	0.1326	0.3387
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698
dota2	0.5332	0.4668	0.5233	0.0419	0.9496
dota210%	0.5699	0.4301	0.5658	0.1300	0.9508
drebin	0.9904	0.0096	0.9899	0.9797	0.0805
dropout	0.7675	0.1550	0.6834	0.6089	0.4601
drug-01	0.3936	0.1733	0.0807	-0.0077	0.3252
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2102	0.2611	0.4244
drug-07	0.4309	0.1897	0.1004	0.0000	0.2655
drug-08	0.5585	0.1261	0.1807	0.0269	0.2702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1593	0.1083	0.3452
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1785	0.2434	0.3203
drug-14	0.5904	0.1170	0.2288	0.1924	0.3788
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5638	0.1454	0.1955	0.1835	0.3503
drug-17	0.3511	0.1854	0.1277	0.0882	0.4400
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9302	0.0199	0.9413	0.9156	0.1152
ecoli	0.8529	0.0490	0.7174	0.7942	0.1400
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2334	0.0338	0.6189
eeg	0.2009	0.0999	0.1365	0.0725	0.3901
eeg-eye	0.7123	0.2877	0.7391	0.3843	0.5480
eeg10%	0.3655	0.0793	0.3512	0.2867	0.5143
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6849	0.1260	0.6719	0.5952	0.3789
euthyroid	0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq	0.9813	0.0187	0.9813	0.9625	0.1262
exon.vs.intron-freq10%	0.9694	0.0306	0.9693	0.9386	0.1851
fakenews	0.5075	0.4925	0.5058	0.0093	0.9295
farm-ads	0.9082	0.0918	0.9081	0.8149	0.3988
fbis-wc	0.8171	0.0215	0.7732	0.7906	0.1337
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9412	0.0588	0.9412	0.8817	0.2989
financial-risk	0.8720	0.0427	0.6957	0.7972	0.2242
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.5000	0.1429	0.3135	0.3548	0.3994
fonts10%	0.5028	0.0065	0.1775	0.4620	0.3841
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9928	0.0024	0.9931	0.9913	0.0192
gastrointestinal	0.6250	0.2500	0.6534	0.3885	0.4805
gender	0.5832	0.2779	0.2456	-0.0115	0.3652
gene	0.9211	0.0526	0.9115	0.8745	0.2226
german	0.7400	0.2600	0.6992	0.3516	0.6934
gestures	0.9187	0.0407	0.9193	0.8915	0.1800
gina	0.9481	0.0519	0.9481	0.8962	0.2731
gisette	0.9743	0.0257	0.9743	0.9486	0.1615
glass	0.4286	0.1905	0.2732	0.1871	0.2453
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.8571	0.1429	0.7955	0.5039	0.3038
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.4667	0.2667	0.3787	0.2500	0.4753

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9735	0.0044	0.8912	0.9686	0.0400
har	0.9837	0.0065	0.9850	0.9793	0.0300
har701%	0.8504	0.0427	0.5057	0.7802	0.2549
har7010%	0.7792	0.0631	0.4037	0.6400	0.1325
harth1%	0.7869	0.0355	0.4332	0.7003	0.2273
hayes-roth	0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure	0.9620	0.0380	0.9556	0.9107	0.2186
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.6210	0.3790	0.6226	0.2429	0.9027
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6636	0.3364	0.6611	0.3178	0.8569
higgs1%	0.5450	0.4550	0.5526	0.0350	0.6766
higher	0.2143	0.1964	0.0625	0.0191	0.3158
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9342	0.0658	0.8800	0.7588	0.4162
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6389	0.2407	0.6043	0.3208	0.4805
hotel-reservartions	0.8211	0.1789	0.7914	0.5796	0.6430
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9455	0.0363	0.9479	0.9180	0.1381
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9496	0.0252	0.5931	0.6583	0.2423
hypothyroidT	0.9602	0.0398	0.8439	0.6328	0.1174
ilpd	0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9573	0.0213	0.9582	0.9431	0.0834
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9358	0.0049	0.9368	0.9332	0.0572
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.9910	0.0020	0.9906	0.9898	0.0162
kc1	0.8578	0.1422	0.6671	0.1766	0.4196
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6923	0.1231	0.2833	0.3158	0.2941
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6798	0.1362	0.3480
kdc-4007	0.8479	0.0435	0.8490	0.8224	0.2437
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9998	0.0000	0.6956	0.9997	0.0260
kddcup991%	0.9980	0.0003	0.7482	0.9966	0.0117
kddcup9910%	0.9994	0.0001	0.8021	0.9990	0.0063
kepler	0.8797	0.0802	0.8386	0.8011	0.2115
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krkopt	0.4617	0.0598	0.5565	0.3930	0.4569
krvskp	0.9875	0.0125	0.9874	0.9749	0.0919
la1s-wc	0.8603	0.0466	0.8333	0.8233	0.2325
la2s-wc	0.8874	0.0375	0.8711	0.8581	0.2109
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6471	0.0307	0.6083	0.6298	0.0797
led24	0.6500	0.0778	0.6946	0.6011	0.1988
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9655	0.0027	0.9656	0.9641	0.0421
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.8972	0.8807	0.0524
linkage	1.0000	0.0000	0.9987	0.9974	0.0030
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0001
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9438	0.0562	0.9399	0.8795	0.2902
localization	0.0316	0.1761	0.0056	0.0000	0.3471
localization10%	0.0316	0.1761	0.0056	0.0000	0.3472
lrs	0.8868	0.0323	0.6579	0.8418	0.0615
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.6154	0.3846	0.6168	0.2308	0.9071
magic04	0.7233	0.2767	0.7052	0.2612	0.4699
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8432	0.6850	0.5699
marketing	0.9018	0.0982	0.7767	0.4952	0.4071
maternal	0.6436	0.2376	0.6668	0.4438	0.4677
math	0.8000	0.1000	0.7750	0.6819	0.2514
mba	0.8355	0.1097	0.3409	0.0142	0.2494
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2100	0.3160	0.1955	0.0044	0.6928
messidor	0.7391	0.2609	0.7396	0.4765	0.7604
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9700	0.0060	0.9712	0.9667	0.0318
mfeat-fou	0.8450	0.0310	0.8471	0.8278	0.1355
mfeat-kar	0.9800	0.0040	0.9801	0.9778	0.0254
mfeat-mor	0.7550	0.0490	0.7647	0.7278	0.1770
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8950	0.0210	0.8968	0.8833	0.0984
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5000	0.2000	0.4355	0.3738	0.4046
mobile	0.8427	0.0056	0.8544	0.8398	0.0711
monks-1	0.7455	0.2545	0.7464	0.4914	0.7533
monks-2	0.7213	0.2787	0.7027	0.4030	0.7967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4872	0.0932	0.4964	0.3774	0.5300
musk	0.9985	0.0015	0.9971	0.9942	0.0091
MUT_ci300400a_cdk_ECFP2	0.8237	0.1763	0.8183	0.6365	0.6237
MUT_ci300400a_cdk_ECFP4	0.8587	0.1413	0.8547	0.7093	0.5468
MUT_ci300400a_cdk_ECFP6	0.8216	0.1784	0.8156	0.6307	0.6263
MUT_ci300400a_cdk_ESTATE	0.7698	0.2302	0.7605	0.5172	0.7154
MUT_ci300400a_cdk_EXTENDED	0.8357	0.1643	0.8304	0.6604	0.5971
MUT_ci300400a_cdk_FCFP2	0.8383	0.1617	0.8329	0.6654	0.5910
MUT_ci300400a_cdk_FCFP4	0.8381	0.1619	0.8329	0.6654	0.5918
MUT_ci300400a_cdk_FCFP6	0.8237	0.1763	0.8183	0.6365	0.6237
MUT_ci300400a_cdk_MACCS	0.8309	0.1691	0.8258	0.6516	0.6088
MUT_ci300400a_cdk_PUBCHEM	0.8707	0.1293	0.8664	0.7324	0.5140
MUT_ci300400a_cdk_STANDARD	0.8252	0.1749	0.8198	0.6394	0.6210
MUT_ci300400a_rdkit_descriptors	0.8170	0.1830	0.8118	0.6216	0.6298
myocardial	0.8765	0.0309	0.2785	0.3554	0.1020
naticusdroid	0.9684	0.0316	0.9684	0.9368	0.1892
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.1111	0.6061	0.6000	0.1254
ncRNA1%	0.8905	0.0115	0.3121	0.6567	0.1021
ncRNA10%	0.9032	0.0102	0.4783	0.7030	0.1978
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.3550	0.0293	0.2727	0.3265	0.3622
newspop	0.5323	0.4677	0.3474	0.0000	0.5226
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9225	0.0775	0.9044	0.8086	0.3994
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	1.0000	0.0000	1.0000	1.0000	0.0000
obesity	0.9479	0.0149	0.9462	0.9391	0.0708
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9888	0.0112	0.9846	0.9689	0.1253
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.8020	0.0396	0.7817	0.7725	0.1914
oh10-wc	0.6952	0.0610	0.6930	0.6525	0.2821
oh15-wc	0.6522	0.0696	0.6257	0.6062	0.3491
oh5-wc	0.8022	0.0396	0.8065	0.7772	0.2045
ohscal-wc	0.5287	0.0943	0.5308	0.4710	0.5190
olive	0.9298	0.0156	0.9215	0.9118	0.0396
opn310k	0.9078	0.0922	0.4937	-0.0008	0.2975
opn310k10%	0.9104	0.0896	0.4765	-0.0019	0.2753
opnat310k-hg16-17	0.9077	0.0923	0.4758	-0.0025	0.2930
optdigits	0.9840	0.0032	0.9846	0.9822	0.0241
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8402	0.1598	0.8214	0.6427	0.6074
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8897	0.7778	0.4582
p53-mutants	0.9959	0.0041	0.7188	0.3793	0.3392
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9525	0.0190	0.6078	0.6670	0.0602
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons	0.8436	0.1564	0.8343	0.6686	0.5894
parkinsons-small	0.8947	0.1053	0.8633	0.6885	0.2605
particle	0.7169	0.2831	0.4764	-0.0025	0.5001
particle10%	0.7246	0.2754	0.6021	0.0365	0.4915
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5670	0.4330	0.3618	-0.0307	0.6801
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8728	0.7407	0.4303
pediatric-leukemia	0.8235	0.0504	0.8017	0.7818	0.1539
pendigits	0.9927	0.0015	0.9925	0.9919	0.0138
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.8076	0.1924	0.7924	0.5836	0.6613
personalities	0.9885	0.0014	0.9885	0.9877	0.0220
pet-adoption	0.9250	0.0750	0.9142	0.8257	0.3447
phishing	0.9714	0.0286	0.9700	0.9397	0.1676
PhiUSIIL	0.9999	0.0001	0.9999	0.9998	0.0010
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc0.1%	0.4456	0.1584	0.4280	0.3418	0.4077
phone-acc1%	0.4507	0.1569	0.4438	0.3518	0.4604
phone-gyr0.1%	0.3137	0.1961	0.3559	0.2049	0.4113
phone-gyr1%	0.4005	0.1713	0.3729	0.2945	0.4698
phoneme	0.8019	0.1981	0.7358	0.4272	0.6121
phy	0.6270	0.3730	0.6346	0.2553	0.8657
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9915	0.0057	0.9851	0.9726	0.0182
placement	0.7960	0.2040	0.7906	0.5813	0.6778
plant-growth	0.4737	0.5263	0.4722	-0.0556	1.0000
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5298	0.1344	0.2563	0.0937	0.3033
poker10%	0.5186	0.1203	0.2570	0.0445	0.1961
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7838	0.2162	0.7577	0.5092	0.6999
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9899	0.0040	0.9898	0.9873	0.0285
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6259	0.2353	0.8676
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.5152	0.0746	0.4440	0.4562	0.2265
processed	0.9997	0.0003	0.9996	0.9992	0.0044
profb	0.7910	0.2090	0.7518	0.4908	0.6818
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9655	0.0138	0.9612	0.9535	0.0588
puc-rio10%	0.9722	0.0111	0.9531	0.9627	0.0654
pufs-1281%	0.4912	0.5088	0.4912	-0.0177	1.0000
pufs-641%	0.4958	0.5042	0.4958	-0.0084	1.0000
pulsar	0.9800	0.0200	0.9381	0.8696	0.1056
raisin	0.9333	0.0667	0.9333	0.8667	0.3271
rcv11%	0.8685	0.0064	0.6242	0.8542	0.1334
rcv110%	0.8214	0.0071	0.6032	0.7993	0.3124
re0-wc	0.8333	0.0256	0.8099	0.7765	0.2282

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
re1-wc	0.7289	0.0217	0.5947	0.6892	0.2104
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8831	0.0049	0.5215	0.8399	0.1830
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6313	0.3686	0.6057	0.2060	0.9005
RT_IOT2022	0.9344	0.0109	0.6551	0.8350	0.0292
satimage	0.9051	0.0316	0.8956	0.8830	0.1625
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.9331	0.0669	0.7866	0.5332	0.4011
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9534	0.9393	0.0697
segmentation	0.8267	0.1733	0.8065	0.6039	0.6005
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8556	0.1444	0.5093	0.0071	0.5787
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8579	0.1421	0.5509	0.0587	0.6232
sens-5-gram	0.8632	0.1368	0.5884	0.1163	0.6103
sens-6-gram	0.8474	0.1526	0.4587	-0.0377	0.6657
sens-7-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sens-8-gram	0.8474	0.1526	0.5277	0.0384	0.6992
sens-9-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sensorless	0.8988	0.0184	0.9010	0.8887	0.0775
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8808	0.1192	0.7305	0.4025	0.5079
shuttle	0.9672	0.0094	0.6138	0.9059	0.0848
sick	0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9411	0.0589	0.9077	0.8128	0.3356
skin10%	0.9318	0.0682	0.8920	0.7755	0.3293
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.3400	0.3300	0.3397	0.1139	0.7276
smk_can_187	0.6842	0.3158	0.6841	0.3596	0.8222
smoking	0.6331	0.3669	0.6206	0.0012	0.4840
soil_pollution	0.2233	0.3107	0.2110	0.0248	0.8126
solar-flare	0.7410	0.0863	0.5720	0.6660	0.1772
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection	0.9545	0.0455	0.8562	0.7100	0.4198
spambase	0.9087	0.0913	0.9054	0.8039	0.3597
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8286	0.1714	0.7887	0.4878	0.3453
spectrometer	0.6731	0.0242	0.4585	0.6529	0.1071
splice-EI	0.9527	0.0473	0.9407	0.8791	0.3179
splice-IE	0.9054	0.0946	0.8679	0.7356	0.4840
sport-articles	0.8200	0.1800	0.8030	0.5959	0.6085
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-unstored	0.6000	0.4000	0.5833	0.1667	0.9308
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8622	0.0919	0.8222	0.7752	0.2770
steel-b	0.8564	0.1436	0.7698	0.5343	0.6257
steel-d	0.9744	0.0256	0.7677	0.5324	0.5024
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.8000	0.2000	0.7730	0.5392	0.6699
steel-p	0.9231	0.0769	0.6928	0.3623	0.5753
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stellar	0.7527	0.1649	0.5860	0.4776	0.2544
stock	0.8819	0.1181	0.7767	0.5222	0.5108
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8780	0.1220	0.8765	0.7522	0.4898
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6250	0.1500	0.3467	0.3762	0.4039
student-depression	0.7638	0.2362	0.7533	0.4994	0.7180
student-habits	0.3500	0.2600	0.1053	-0.0467	0.4135
student-weekend	0.4154	0.2338	0.2215	0.1287	0.5132
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.4097	0.2500	0.4742
susy1%	0.7946	0.2054	0.7949	0.5800	0.6452
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.9006	0.0994	0.8706	0.7407	0.4771
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.6752	0.3206	0.5013
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8684	0.1316	0.8200	0.6394	0.5804
tis10%	0.8209	0.1791	0.7354	0.4503	0.6526
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.8750	0.0500	0.7467	0.8182	0.0440
tox_171	0.9412	0.0294	0.9478	0.9209	0.0644
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.8537	0.0325	0.6805	0.8164	0.0907
trec12-wc	0.9032	0.0242	0.9196	0.8821	0.0667
trec21-wc	0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc	0.7143	0.0952	0.6173	0.6250	0.2708
trec31-wc	0.9570	0.0143	0.9520	0.9431	0.0926
trec41-wc	0.8409	0.0318	0.6820	0.8027	0.1559
trec45-wc	0.7246	0.0551	0.6820	0.6770	0.2515
tuandromd	0.9886	0.0114	0.9817	0.9627	0.0502
turkish	0.8000	0.1000	0.8099	0.7333	0.1889
tvnews	0.9471	0.0529	0.9428	0.8854	0.2828
tvnews1%	0.9385	0.0615	0.9336	0.8667	0.3108
tvnews10%	0.8766	0.1234	0.8666	0.7329	0.5093
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9646	0.0354	0.6787	0.0690	0.1045
urban	0.8209	0.0398	0.8308	0.7894	0.1388
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
url-rep1%	0.9862	0.0138	0.9845	0.9691	0.1052
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9911	0.0089	0.7326	0.4060	0.3316
vehicle	0.7381	0.1310	0.7224	0.6517	0.1914
vehicleVAN	0.9643	0.0357	0.9519	0.9032	0.2250
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5657	0.0790	0.5993	0.5222	0.2504
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9239	0.0761	0.7165	0.3810	0.4868
wap-wc	0.8205	0.0179	0.6131	0.7995	0.1207
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.2827	0.2049	0.2860	0.1397	0.4461
watch-acc10%	0.2608	0.2112	0.2794	0.1251	0.4564
watch-gyr1%	0.2639	0.2103	0.2668	0.1399	0.4443
watch-gyr10%	0.2175	0.2236	0.2557	0.0843	0.4567
water_pollution	0.2700	0.3650	0.2413	0.0188	0.6468
waveform	0.8440	0.1040	0.8440	0.7660	0.3620
weather-related	0.9750	0.0045	0.9773	0.9717	0.0350
web-phishing	0.8519	0.0988	0.8016	0.7353	0.4097
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.4448	0.2221	0.4579	0.2849	0.3793
white-clover	0.6667	0.3333	0.6250	0.2500	0.8750
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9855	0.0145	0.9182	0.8297	0.1734
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5849	0.1384	0.2187	0.2985	0.3224
winequality-white	0.5112	0.1629	0.2429	0.1825	0.4587
winnipeg	0.9983	0.0005	0.9930	0.9979	0.0064
winnipeg10%	0.9954	0.0013	0.9903	0.9942	0.0108
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.5270	0.1051	0.3693	0.3887	0.3618
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9677	0.0065	0.9667	0.9639	0.0581

Table 483: Detailed results for SVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1751	0.0569	0.0814	0.0805	0.4661
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9837	0.0163	0.6841	0.2309	0.2529
accident	0.5000	0.5000	0.5000	0.0000	0.9713
ads	0.9756	0.0244	0.9480	0.8930	0.1527
adult	0.8489	0.1511	0.7747	0.5359	0.6017
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9996	0.0004	0.9698	0.9392	0.0936
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9988	0.0012	0.4997	-0.0003	0.4066
AID746red	0.9941	0.0059	0.6782	0.0537	0.0247
aids	0.8545	0.1455	0.7898	0.5692	0.5881
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8190	0.0724	0.4266	0.5482	0.1782
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8294	0.6570	0.5809
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9944	0.0028	0.9787	0.9894	0.0166
anuran-genus	0.9875	0.0031	0.9654	0.9794	0.0849
anuran-species	0.9903	0.0019	0.9776	0.9865	0.0357
anxiety	0.0917	0.2019	0.0825	-0.0226	0.5027
apple-quality	0.9125	0.0875	0.9125	0.8250	0.3945
aps-failure	0.9926	0.0074	0.8877	0.7705	0.2681
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9932	0.0068	0.7285	0.2565	0.0279
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.7111	0.0444	0.3976	0.5038	0.2039
auction	0.9216	0.0784	0.8014	0.5781	0.4430
audiology	0.6957	0.0254	0.2225	0.6414	0.0773

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0333	0.7526	0.8667	0.0771
avila	0.8471	0.0255	0.8527	0.7969	0.2094
babies	0.3306	0.1912	0.1076	-0.0690	0.4106
balance	0.9194	0.0538	0.8001	0.8553	0.2296
bank	0.9107	0.0893	0.7460	0.4774	0.5638
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9240	0.0760	0.9177	0.8304	0.3221
basehock	0.9648	0.0352	0.9648	0.9296	0.2045
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8857	0.1143	0.8788	0.7577	0.4851
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0010	0.0342	0.0000	0.0114
body-perf	0.7015	0.1493	0.7009	0.6020	0.4445
brain-tumor	0.4985	0.5015	0.3327	0.0000	0.5285
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.6364	0.1212	0.5346	0.5510	0.2080
bridges	0.8000	0.0571	0.5503	0.6774	0.1083
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9540	0.0230	0.9389	0.9035	0.1799
car-insurance	0.8340	0.1660	0.8045	0.6086	0.6293
card	0.8696	0.1304	0.8657	0.7285	0.5029
cardiotocography	0.8357	0.0329	0.7893	0.8015	0.1734
cardiotocography-nsp	0.9390	0.0407	0.8723	0.8184	0.1107
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6250	0.5073	0.5360
cas_N6512_cdk_ECFP2	0.7849	0.2151	0.7837	0.5674	0.6932
cas_N6512_rdkit_ATOMPAIR	0.7662	0.2338	0.7641	0.5273	0.7230
cas_N6512_RDkit_AtomPair_FP	0.7469	0.2531	0.7448	0.4864	0.7483
cas_N6512_rdkit_AVALON	0.7834	0.2166	0.7821	0.5643	0.6960
cas_N6512_RDkit_Avalon_FP	0.7899	0.2101	0.7912	0.5802	0.6770
cas_N6512_rdkit_descriptors	0.7938	0.2062	0.7936	0.5866	0.6754
cas_N6512_rdkit_FEATMORGAN	0.7849	0.2151	0.7835	0.5670	0.6933
cas_N6512_RDkit_Featmorgan_FP	0.8067	0.1933	0.8054	0.6108	0.6528
cas_N6512_RDkit_FP	0.7439	0.2561	0.7417	0.4829	0.7598
cas_N6512_rdkit_LAYERED	0.7846	0.2154	0.7845	0.5683	0.6915
cas_N6512_RDkit_Layered_FP	0.7684	0.2316	0.7665	0.5324	0.7203
cas_N6512_rdkit_MACCS	0.8126	0.1874	0.8111	0.6212	0.6382
cas_N6512_RDkit_MACCS_FP	0.8021	0.1979	0.8026	0.6039	0.6576
cas_N6512_rdkit_MORGAN	0.8046	0.1954	0.8031	0.6053	0.6543
cas_N6512_RDkit_morgan_FP	0.8129	0.1871	0.8115	0.6227	0.6399
cas_N6512_rdkit_PATTERN	0.7938	0.2062	0.7925	0.5850	0.6772
cas_N6512_RDkit_pattern_FP	0.7899	0.2101	0.7891	0.5780	0.6839
cas_N6512_rdkit_RDKITFP	0.7634	0.2366	0.7619	0.5237	0.7298
cas_N6512_rdkit_TORSION	0.7831	0.2169	0.7821	0.5641	0.6962
ccds1%	0.9643	0.0357	0.6933	0.1289	0.1053
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7865	0.5702	0.6788
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.6410	0.2148	0.4795

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
census10%	0.9502	0.0498	0.7241	0.3941	0.4342
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.6408	0.2229	0.5285
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8935	0.0533	0.8866	0.8404	0.2116
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9994	0.0006	0.8414	0.6664	0.2633
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8490	0.1510	0.7371	0.4401	0.5911
churn-bigml	0.9363	0.0637	0.8633	0.7178	0.3825
ci900367j_MACCS	0.6842	0.3158	0.6549	0.3066	0.8513
circles	0.0000	0.0200	0.0000	-0.0101	0.3402
cirrhosis	0.6905	0.2063	0.4692	0.3576	0.4823
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8657	0.0671	0.7959	0.7936	0.3074
climate	0.9444	0.0556	0.7751	0.5424	0.5131
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5034	0.3311	0.4691	0.2093	0.7426
cnae-9	0.9722	0.0062	0.9725	0.9688	0.0311
codon_usage	0.9509	0.0089	0.8231	0.9404	0.0903
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.6800	0.0427	0.5432	0.6471	0.1385
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.5519	0.0584	0.7592
colposcopies-2	0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3	0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.5198	0.4802	0.5116	0.0165	0.8898
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7812	0.2188	0.7816	0.5626	0.6968
coupon	0.7603	0.2397	0.7538	0.5059	0.7346
covtype10%	0.8735	0.0361	0.7747	0.7944	0.2669
covtypeCD	0.9935	0.0065	0.9863	0.9725	0.0821
covtypeT	0.9844	0.0156	0.9389	0.8776	0.2416
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9622	0.0126	0.8821	0.9228	0.1500
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.6875	0.0156	0.5169	0.6777	0.0462
customer-churn	0.9806	0.0194	0.6698	0.2418	0.3462
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.6998	0.3793	0.7738
cylinder-bands	0.7778	0.2222	0.7709	0.5352	0.6921
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
day1%	0.9825	0.0175	0.9809	0.9619	0.1269

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8237	0.1763	0.7065	0.3655	0.6188
defect	0.8981	0.1019	0.7881	0.5483	0.4836
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9051	0.0949	0.7340	0.4469	0.5653
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.3366	0.0303	0.5178
dexter	0.9333	0.0667	0.9343	0.8667	0.3124
df_final	0.7500	0.1667	0.7616	0.6098	0.2841
DIA	0.8333	0.1667	0.7692	0.4286	0.3322
diabetes	0.9615	0.0385	0.9602	0.9172	0.1529
diabetes-100k	0.9647	0.0353	0.8760	0.7330	0.2347
diabetic1%	0.5588	0.2941	0.3515	0.0825	0.4688
diabetic10%	0.5462	0.3026	0.3452	0.0708	0.5166
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5000	0.5000	0.4701	-0.0588	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698
dota210%	0.5670	0.4330	0.5629	0.1244	0.9535
drebin	0.9938	0.0062	0.9935	0.9869	0.0503
dropout	0.7607	0.1595	0.6749	0.5973	0.4694
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5053	0.1413	0.0963	-0.0087	0.3807
drug-03	0.7074	0.0836	0.1995	0.1210	0.2365
drug-04	0.5266	0.1353	0.0996	0.0077	0.3593
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2102	0.2611	0.4244
drug-07	0.4681	0.1520	0.1575	0.0738	0.2800
drug-08	0.5851	0.1185	0.2028	0.1659	0.3266
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1459	0.1098	0.3870
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6117	0.1109	0.1749	0.2311	0.3932
drug-14	0.5851	0.1185	0.2358	0.2126	0.4319
drug-15	0.7553	0.0699	0.1233	0.0078	0.2431
drug-16	0.5745	0.1216	0.2476	0.2592	0.4535
drug-17	0.3617	0.1824	0.1318	0.1031	0.4355
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9317	0.0195	0.9445	0.9174	0.1140
ecoli	0.8529	0.0368	0.5460	0.7954	0.1085
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7525	0.5050	0.6964
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.2145	-0.0056	0.6951
eeg	0.5353	0.0581	0.5594	0.4845	0.5441
eeg-eye	0.9259	0.0741	0.9251	0.8503	0.3544
eeg10%	0.4399	0.0700	0.4650	0.3784	0.5514
eucalyptus	0.6575	0.1370	0.6334	0.5590	0.3705
euthyroid	0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%	0.9777	0.0223	0.9776	0.9552	0.1441

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
fakenews	0.5275	0.4725	0.5304	0.0496	0.9110
farm-ads	0.9082	0.0918	0.9083	0.8147	0.3954
fbis-wc	0.8293	0.0201	0.7939	0.8045	0.1204
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9020	0.0980	0.9017	0.8028	0.4272
financial-risk	0.8715	0.0428	0.6894	0.7964	0.2269
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.5000	0.1250	0.2643	0.3610	0.2778
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9957	0.0014	0.9958	0.9948	0.0109
gastrointestinal	0.8125	0.1250	0.7955	0.7019	0.3546
gender	0.5895	0.2737	0.3641	0.0981	0.5103
gene	0.9306	0.0463	0.9229	0.8890	0.2125
german	0.7200	0.2800	0.6750	0.2802	0.6783
gestures	0.9195	0.0402	0.9201	0.8927	0.1779
gina	0.9452	0.0548	0.9452	0.8904	0.2841
gisette	0.9743	0.0257	0.9743	0.9486	0.1615
glass	0.8095	0.0635	0.7265	0.7246	0.1432
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4000	0.3000	0.4716	0.1768	0.4601
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9735	0.0044	0.9158	0.9687	0.0386
har	0.9837	0.0065	0.9850	0.9793	0.0300
har701%	0.9150	0.0243	0.5390	0.8746	0.1192
har7010%	0.9285	0.0204	0.6580	0.8931	0.1357
harth1%	0.8731	0.0212	0.5870	0.8266	0.1894
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9620	0.0380	0.9556	0.9107	0.2186
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.8667	0.1333	0.7761	0.4444	0.2846
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6818	0.3182	0.6796	0.3560	0.8384
higher	0.2857	0.1786	0.1721	0.1083	0.3263
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9309	0.0691	0.8731	0.7443	0.4257
hiva	0.9669	0.0331	0.6916	0.1211	0.0993
horse	0.6389	0.2407	0.4725	0.2909	0.4219
hotel-reservartions	0.8699	0.1301	0.8494	0.6962	0.5265

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9998	0.0001	0.9998	0.9997	0.0013
htru2	0.9777	0.0223	0.9298	0.8563	0.2033
hypothyroid	0.9390	0.0305	0.5724	0.5609	0.1918
hypothyroidT	0.9576	0.0424	0.8321	0.6000	0.1231
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9573	0.0213	0.9581	0.9431	0.0842
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9461	0.0041	0.9469	0.9439	0.0490
jm1	0.8108	0.1892	0.6064	0.0848	0.5155
jvowels	0.9980	0.0004	0.9975	0.9977	0.0037
kc1	0.8673	0.1327	0.7118	0.2315	0.2755
kc1-class-level-defectiveornot	0.8667	0.1333	0.8696	0.7059	0.3322
kc1-class-level-numericdefect	0.5714	0.0357	0.0317	0.0233	0.2174
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.8304	0.0424	0.7320	0.8021	0.2327
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9980	0.0002	0.4517	0.9966	0.0107
kepler	0.8797	0.0802	0.8383	0.8012	0.2121
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.8371	0.0181	0.8299	0.8181	0.1795
krvskp	0.9843	0.0157	0.9843	0.9686	0.1087
la1s-wc	0.8508	0.0497	0.8340	0.8141	0.2779
la2s-wc	0.8543	0.0486	0.8361	0.8169	0.2580
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5000	0.0250	0.2690	0.4807	0.0967
led24	0.6500	0.0700	0.6532	0.6078	0.1649
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9810	0.0015	0.9809	0.9802	0.0228
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.9167	0.0111	0.9361	0.9106	0.0381
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9461	0.0539	0.9425	0.8846	0.2831
localization10%	0.6984	0.0548	0.4593	0.6130	0.3611
lrs	0.7358	0.0528	0.3868	0.6391	0.1535
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.8571	0.0714	0.6830	0.7500	0.1548
lymphoma2	1.0000	0.0000	0.6667	1.0000	0.0000
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5846	0.4154	0.5853	0.1692	0.9378
magic04	0.8795	0.1205	0.8658	0.7264	0.4770
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8327	0.6654	0.5984

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
marketing	0.8884	0.1116	0.7386	0.4169	0.4831
maternal	0.8515	0.0990	0.8532	0.7743	0.3465
math	0.7750	0.1125	0.7593	0.6414	0.2735
mba	0.8194	0.1204	0.3484	0.0283	0.3726
mental-disorders	1.0000	0.0000	1.0000	1.0000	0.0000
mental-health	0.2200	0.3120	0.1220	0.0162	0.5093
messidor	0.7478	0.2522	0.7494	0.4951	0.7441
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9750	0.0050	0.9756	0.9722	0.0290
mfeat-fou	0.8500	0.0300	0.8519	0.8333	0.1111
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7550	0.0490	0.7608	0.7278	0.1842
mfeat-pix	0.9800	0.0040	0.9806	0.9778	0.0250
mfeat-zer	0.9150	0.0170	0.9172	0.9056	0.0659
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.7647	0.0941	0.7630	0.7047	0.2709
mobile	0.8566	0.0051	0.8637	0.8540	0.0662
monks-1	0.9455	0.0545	0.9457	0.8908	0.2776
monks-2	0.9672	0.0328	0.9637	0.9274	0.2074
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5178	0.0877	0.5237	0.4137	0.4932
musk	0.9955	0.0045	0.9913	0.9825	0.0541
MUT_ci300400a_cdk_ECFP2	0.8417	0.1583	0.8371	0.6743	0.5856
MUT_ci300400a_cdk_ECFP4	0.8587	0.1413	0.8547	0.7093	0.5468
MUT_ci300400a_cdk_ECFP6	0.8204	0.1796	0.8144	0.6281	0.6286
MUT_ci300400a_cdk_ESTATE	0.7854	0.2146	0.7770	0.5497	0.6862
MUT_ci300400a_cdk_EXTENDED	0.8381	0.1619	0.8328	0.6651	0.5913
MUT_ci300400a_cdk_FCFP2	0.8491	0.1509	0.8439	0.6868	0.5638
MUT_ci300400a_cdk_FCFP4	0.8381	0.1619	0.8329	0.6654	0.5918
MUT_ci300400a_cdk_FCFP6	0.8249	0.1751	0.8197	0.6394	0.6215
MUT_ci300400a_cdk_MACCS	0.8405	0.1595	0.8355	0.6709	0.5873
MUT_ci300400a_cdk_PUBCHEM	0.8707	0.1293	0.8664	0.7324	0.5140
MUT_ci300400a_cdk_STANDARD	0.8240	0.1760	0.8185	0.6368	0.6233
MUT_ci300400a_rdkit_descriptors	0.8521	0.1479	0.8483	0.6963	0.5587
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9703	0.0297	0.9703	0.9407	0.1802
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.0741	0.4148	0.6129	0.0440
ncRNA1%	0.9033	0.0102	0.4137	0.7140	0.2071
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.8130	0.0085	0.8007	0.8069	0.1501
newspop	0.6597	0.3403	0.6569	0.3125	0.8684
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9614	0.0386	0.9525	0.9050	0.2441
NPHA-doctor-visits	0.5417	0.3056	0.4151	0.0361	0.3592
nursery	1.0000	0.0000	0.8000	1.0000	0.0000
obesity	0.9621	0.0108	0.9614	0.9557	0.0559
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9927	0.0073	0.9898	0.9795	0.0807
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.8713	0.0257	0.8781	0.8535	0.1181

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
oh10-wc	0.7619	0.0476	0.7364	0.7298	0.2403
oh15-wc	0.6848	0.0630	0.6656	0.6451	0.3140
oh5-wc	0.7912	0.0418	0.7788	0.7654	0.2090
ohscal-wc	0.7097	0.0581	0.6967	0.6749	0.3645
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%	0.9123	0.0877	0.6241	0.1531	0.4837
optdigits	0.9858	0.0028	0.9862	0.9842	0.0222
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9130	0.0870	0.5398	0.0537	0.6079
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8351	0.1649	0.8130	0.6243	0.6126
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8909	0.7782	0.4492
p53-mutants	0.9962	0.0038	0.7600	0.4982	0.3886
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.9634	0.0146	0.7876	0.7739	0.1978
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.8436	0.1564	0.8343	0.6686	0.5894
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle10%	0.9046	0.0954	0.8802	0.7598	0.4558
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9369	0.0631	0.7116	0.2096	0.1619
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8920	0.7818	0.3992
pediatric-leukemia	0.7941	0.0588	0.7768	0.7460	0.1912
pendigits	0.9973	0.0005	0.9972	0.9970	0.0055
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8163	0.1837	0.8011	0.5994	0.6385
pet-adoption	0.9350	0.0650	0.9263	0.8477	0.2815
phishing	0.9755	0.0245	0.9743	0.9484	0.1522
phone-acc0.1%	0.7741	0.0645	0.7513	0.7356	0.2177
phone-acc1%	0.8448	0.0444	0.8352	0.8186	0.1836
phone-gyr0.1%	0.8098	0.0544	0.7963	0.7772	0.2276
phoneme	0.8852	0.1148	0.8554	0.7092	0.5072
phy	0.7152	0.2848	0.7152	0.4303	0.8008
pima	0.7105	0.2895	0.6891	0.3407	0.7408
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7960	0.2040	0.7906	0.5813	0.6778
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5054	0.0989	0.1725	0.0295	0.2455
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.5966	0.0403	0.2959
polya	0.7968	0.2032	0.7736	0.5437	0.6815
popularity	0.6671	0.2219	0.5291	0.2065	0.4533
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9917	0.0033	0.9916	0.9896	0.0257
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6847	0.3529	0.8074
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4242	0.0523	0.1744	0.3628	0.2244
profb	0.7463	0.2537	0.6941	0.3738	0.7632

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9937	0.0025	0.9907	0.9916	0.0206
puc-rio10%	0.9879	0.0048	0.9793	0.9838	0.0375
pufs-641%	0.4996	0.5004	0.3331	0.0000	0.5284
pulsar	0.9808	0.0192	0.9407	0.8785	0.1663
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.8037	0.0074	0.4001	0.7841	0.2371
re0-wc	0.7600	0.0369	0.7615	0.6805	0.2851
re1-wc	0.7771	0.0178	0.6530	0.7462	0.1813
rejafada	0.9698	0.0302	0.8636	0.6856	0.5211
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8831	0.0036	0.3715	0.8398	0.1487
rice	0.9874	0.0126	0.9873	0.9744	0.0865
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6604	0.3396	0.6404	0.2777	0.8731
RT_IOT2022	0.9953	0.0008	0.9528	0.9882	0.0103
satimage	0.9222	0.0259	0.9138	0.9041	0.1367
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.9565	0.0435	0.8731	0.7428	0.3771
scadi	0.8571	0.0408	0.5333	0.8056	0.0421
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.9998	0.0002	0.9998	0.9997	0.0019
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9497	0.9342	0.0708
segmentation	0.8267	0.1733	0.8065	0.6039	0.6005
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8763	0.1237	0.6559	0.1245	0.3621
sens-3-gram	0.8763	0.1237	0.6487	0.1479	0.4234
sens-4-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sens-5-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sens-6-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sens-7-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sens-8-gram	0.8632	0.1368	0.5547	0.0445	0.5361
sens-9-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sensorless	0.9752	0.0045	0.9752	0.9727	0.0349
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8905	0.1095	0.7580	0.4721	0.4928
shuttle	0.9984	0.0004	0.8557	0.9956	0.0027
sick	0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9999	0.0001	0.9999	0.9998	0.0017
skin10%	0.9992	0.0008	0.9988	0.9975	0.0129
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.3800	0.3100	0.3589	0.1729	0.7288
smk_can_187	0.7895	0.2105	0.7889	0.5778	0.6844
soil_pollution	0.2033	0.3187	0.1599	-0.0025	0.6928
solar-flare	0.7482	0.0839	0.5768	0.6747	0.1905
sonar	0.7500	0.2500	0.7513	0.5000	0.7429
soybean	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spam-detection	0.9545	0.0455	0.8562	0.7100	0.4198
spambase	0.9065	0.0935	0.9018	0.8025	0.4115
spect	0.7778	0.2222	0.6014	0.1562	0.7230
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.6792	0.0134	0.2769	0.6604	0.0876
splice-EI	0.9779	0.0221	0.9717	0.9427	0.1928
splice-IE	0.9338	0.0662	0.9079	0.8158	0.3854
sport-articles	0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8744	0.0837	0.8435	0.7949	0.2786
steel-b	0.8718	0.1282	0.7917	0.5718	0.5636
steel-d	0.9949	0.0051	0.9553	0.9065	0.0226
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8308	0.1692	0.8091	0.6129	0.6066
steel-p	0.9333	0.0667	0.7250	0.3558	0.3699
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stock	0.8958	0.1042	0.8069	0.5931	0.4811
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.9140	0.0860	0.9131	0.8262	0.3928
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6150	0.1540	0.2750	0.3476	0.3907
student-depression	0.8362	0.1638	0.8301	0.6590	0.5930
student-habits	0.3800	0.2480	0.1713	0.0035	0.4166
student-weekend	0.3846	0.2462	0.1809	0.1003	0.5034
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.3945	0.2500	0.3462
susy1%	0.8048	0.1952	0.8045	0.6018	0.6336
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.5344	0.2000	0.5887
telco-churn	0.8991	0.1009	0.8686	0.7365	0.4806
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9738	0.0262	0.6386	0.2727	0.5721
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis	0.9140	0.0860	0.8834	0.7665	0.4471
tis10%	0.8209	0.1791	0.7453	0.4861	0.6841
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	0.9412	0.0294	0.9478	0.9209	0.0644
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc	0.8293	0.0379	0.7391	0.7879	0.1568
trec12-wc	0.8710	0.0323	0.9002	0.8420	0.0941
trec21-wc	0.8788	0.0404	0.5658	0.7490	0.2658
trec23-wc	0.7143	0.0952	0.6155	0.6135	0.2955
trec31-wc	0.9140	0.0246	0.7609	0.8857	0.1494
trec41-wc	0.8977	0.0205	0.7726	0.8728	0.1009
trec45-wc	0.8116	0.0377	0.7406	0.7786	0.1627
tuandromd	0.9888	0.0112	0.9825	0.9651	0.1057

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
turkish	0.8500	0.0750	0.8541	0.8000	0.1732
tvnews1%	0.9385	0.0615	0.9338	0.8656	0.2918
tvnews10%	0.9021	0.0979	0.8941	0.7880	0.4375
ur3_cobotops_grip	0.9782	0.0218	0.7936	0.5202	0.2184
ur3_cobotops_stop	0.9646	0.0354	0.6492	0.1781	0.3486
urban	0.8209	0.0398	0.8303	0.7893	0.1390
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
url-rep1%	0.9862	0.0138	0.9845	0.9691	0.1038
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.8214	0.0893	0.7941	0.7590	0.1937
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6869	0.0569	0.7228	0.6556	0.1546
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
wap-wc	0.8077	0.0192	0.6650	0.7865	0.1704
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.8458	0.0441	0.8435	0.8196	0.1925
watch-gyr1%	0.7948	0.0586	0.7915	0.7603	0.2554
water_pollution	0.2767	0.3617	0.2843	0.0351	0.6963
waveform	0.8500	0.1000	0.8500	0.7750	0.3501
weather-related	0.9769	0.0042	0.9785	0.9738	0.0323
web-phishing	0.8741	0.0840	0.8181	0.7773	0.3744
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.9827	0.0069	0.9842	0.9780	0.0352
white-clover	0.3333	0.3333	0.1250	-0.5000	0.3869
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9917	0.0083	0.9582	0.9156	0.2543
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.7044	0.0985	0.3567	0.5170	0.3564
winequality-white	0.6605	0.0970	0.3996	0.4673	0.3806
winnipeg10%	0.9969	0.0009	0.9975	0.9961	0.0071
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7467	0.7983	0.0412
yeast	0.5270	0.0946	0.3307	0.3885	0.3692
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9527	0.0473	0.6808	0.3410	0.5495
zip	0.9656	0.0069	0.9627	0.9614	0.0585

Table 484: Detailed results for SVMTF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1277	0.0831	0.1136	0.0437	0.5384
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.6274	0.2505	0.6358
accelerometer	0.9512	0.0488	0.6480	0.2445	0.4791
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8994	0.1006	0.7649	0.4038	0.2309
adult	0.8391	0.1609	0.7644	0.5237	0.6479
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9271	0.0729	0.4811	-0.0370	0.6435
AID_652128	0.8586	0.0943	0.4467	0.0833	0.5755
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.6500	0.3500	0.3939	-0.0938	0.8482
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.7700	0.2300	0.6616	0.0847	0.3857
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
anneal	0.7978	0.0809	0.5159	0.4177	0.1733
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9652	0.0174	0.9330	0.9346	0.0805
anuran-genus	0.9541	0.0115	0.9209	0.9247	0.0642
anuran-species	0.9292	0.0142	0.9157	0.8976	0.0661
apple-quality	0.9000	0.1000	0.9016	0.8000	0.4144
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.5556	0.0889	0.0714	0.0000	0.2612
auction	0.9167	0.0833	0.7864	0.5427	0.4558
audiology	0.4091	0.1074	0.2000	0.2667	0.3024
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult	0.8286	0.1714	0.7699	0.4808	0.5005
autism-child	0.6207	0.3793	0.6196	0.2387	0.9091
autos	0.5500	0.1500	0.5314	0.3793	0.2588
avila	0.7005	0.0499	0.6870	0.5800	0.2462
babies	0.4355	0.1613	0.1455	0.1165	0.4689
balance	0.9032	0.0645	0.7252	0.8249	0.3170
bank	0.8876	0.1124	0.5926	0.0234	0.3200
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.9200	0.0800	0.9201	0.8276	0.2500
barleyblumeria	0.6406	0.3594	0.6236	0.0081	0.4804
basehock	0.5075	0.4925	0.6076	0.0199	0.5280

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.8095	0.1905	0.7948	0.5758	0.6172
biomed	0.9048	0.0952	0.9114	0.8073	0.3522
bitcoin1%	0.9774	0.0065	0.1412	-0.0070	0.2178
breast-cancer	0.6429	0.3571	0.4833	-0.0294	0.9219
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5346	0.5510	0.2080
bridges	0.5000	0.1429	0.0952	0.0000	0.2906
cad	0.9667	0.0333	0.9606	0.9180	0.1262
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
car	0.9598	0.0201	0.9425	0.9151	0.1689
card	0.5942	0.4058	0.6264	0.0398	0.5049
cardiotocography	0.7512	0.0498	0.6811	0.6932	0.2269
cardiotocography-nsp	0.8967	0.0689	0.7961	0.6705	0.2259
cargo2k	0.6294	0.2470	0.7068	0.4358	0.3144
cars	0.7000	0.2000	0.5906	0.4533	0.4857
cas_N6512_cdk_ECFP2	0.5499	0.4501	0.6185	0.1481	0.7000
cas_N6512_rdkit_ATOMPAIR	0.4692	0.5308	0.5476	0.0119	0.5881
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.4899	-0.0009	0.5728
cas_N6512_rdkit_AVALON	0.5622	0.4378	0.6263	0.0537	0.5175
cas_N6512_RDkit_Avalon_FP	0.6028	0.3972	0.6395	0.1516	0.6195
cas_N6512_rdkit_descriptors	0.6631	0.3369	0.7030	0.3487	0.7040
cas_N6512_rdkit_FEATMORGAN	0.5914	0.4086	0.6098	0.1279	0.6985
cas_N6512_RDkit_Featmorgan_FP	0.5859	0.4141	0.6051	0.1163	0.6927
cas_N6512_RDkit_FP	0.5583	0.4417	0.5859	0.0488	0.6103
cas_N6512_rdkit_LAYERED	0.5431	0.4569	0.6279	0.1384	0.6365
cas_N6512_RDkit_Layered_FP	0.6426	0.3574	0.6665	0.3036	0.8024
cas_N6512_rdkit_MACCS	0.6452	0.3548	0.6878	0.3159	0.7174
cas_N6512_RDkit_MACCS_FP	0.6764	0.3236	0.6867	0.3248	0.7347
cas_N6512_rdkit_MORGAN	0.5400	0.4600	0.5478	0.0041	0.5480
cas_N6512_RDkit_morgan_FP	0.4724	0.5276	0.6016	0.0184	0.5307
cas_N6512_rdkit_PATTERN	0.5662	0.4338	0.6040	0.0662	0.5942
cas_N6512_RDkit_pattern_FP	0.5215	0.4785	0.6133	0.1011	0.6196
cas_N6512_rdkit_RDKITFP	0.4977	0.5023	0.5904	0.0590	0.6118
cas_N6512_rdkit_TORSION	0.6631	0.3369	0.6851	0.3420	0.7850
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6736	0.3264	0.6321	0.1009	0.5469
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9614	0.0386	0.7028	0.2528	0.2471
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9542	0.0458	0.6875	0.1093	0.1272
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9186	0.0814	0.7090	0.2058	0.1950
chrom191%	0.9906	0.0094	0.7131	0.1983	0.2575
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
churn	0.8350	0.1650	0.7074	0.3773	0.6283
ci900367j_MACCS	0.6421	0.3579	0.5905	0.0922	0.6869
circles	0.6370	0.0073	0.6734	0.6333	0.1024
cirrhosis	0.5952	0.2698	0.3878	0.0846	0.4056
cjs	0.8786	0.0405	0.8842	0.8518	0.1121
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.7065	0.1468	0.4467	0.5135	0.2853
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.3333	0.4444	0.1667	0.0000	0.3838
cm1	0.9000	0.1000	0.4737	0.0000	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cmc	0.5646	0.2902	0.5507	0.3053	0.6585
cnae-9	0.1944	0.1790	0.2730	0.0938	0.3760
codon_usage	0.4812	0.0943	0.3706	0.3405	0.2553
coil20	0.0764	0.0924	0.0890	0.0292	0.4051
college	0.8442	0.1558	0.8010	0.5217	0.3261
collins	0.1600	0.1120	0.0756	0.0228	0.3752
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6897	0.3103	0.6221	0.1767	0.7276
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.7241	0.2759	0.6025	0.1831	0.8141
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5172	0.4828	0.5074	0.0098	0.8733
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.7742	0.1505	0.7128	0.6310	0.3581
cottonmeloidogyne	0.6346	0.3654	0.6429	0.2667	0.8463
coupon	0.6349	0.3651	0.6208	0.2377	0.8950
covtypeCD	0.9846	0.0154	0.9668	0.9323	0.1076
covtypeT	0.9761	0.0239	0.9197	0.8339	0.3989
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
crowdsourced	0.8230	0.0590	0.5879	0.5455	0.1453
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.5000	0.0312	0.4217	0.4839	0.0912
cyclopentane	0.6296	0.3704	0.6207	0.2105	0.8344
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.4286	0.5714	0.3000	0.0000	0.5288
default	0.8063	0.1937	0.6676	0.2750	0.6430
defect	0.8426	0.1574	0.6562	0.0319	0.3038
deposit	0.8841	0.1159	0.6262	0.1813	0.5674
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.2973	0.2342	0.3074	0.1302	0.3477
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9615	0.0385	0.9602	0.9172	0.1529
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9167	0.0417	0.8912	0.8862	0.0977
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	0.0000	0.5239
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.6000	0.4000	0.3750	0.0000	0.5000
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5272	0.4728	0.3452	0.0000	0.5237
dropout	0.5102	0.3266	0.3935	0.0322	0.3736
drug-01	0.3989	0.1717	0.1290	0.0167	0.3788
drug-02	0.5213	0.1368	0.2027	0.1047	0.4632
drug-03	0.6915	0.1028	0.2147	0.0726	0.2967
drug-04	0.5160	0.1383	0.0997	0.0133	0.4327
drug-05	0.7394	0.0745	0.1856	0.0314	0.1760
drug-06	0.4149	0.1672	0.2142	0.2436	0.4668
drug-07	0.3351	0.2216	0.1530	-0.0461	0.4321
drug-08	0.5426	0.1307	0.1534	0.0846	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-09	0.8457	0.0514	0.1527	-0.0225	0.2637
drug-10	0.5532	0.1277	0.1778	0.0992	0.3988
drug-11	0.8457	0.0441	0.1309	-0.0070	0.2075
drug-12	0.7819	0.0727	0.1463	-0.0139	0.2717
drug-13	0.5904	0.1170	0.1823	0.0848	0.3508
drug-14	0.5585	0.1261	0.1798	0.1144	0.4597
drug-15	0.7553	0.0699	0.1233	0.0078	0.2431
drug-16	0.5691	0.1436	0.3148	0.1734	0.3914
drug-17	0.3936	0.1733	0.2224	0.1381	0.4470
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7500	0.0714	0.1412	0.0199	0.2927
drybean	0.9023	0.0279	0.9227	0.8822	0.1394
ecoli	0.8824	0.0294	0.5578	0.8329	0.0737
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
eeg-eye	0.8191	0.1809	0.8280	0.6420	0.5816
eeg10%	0.2860	0.0893	0.1639	0.1979	0.4938
eucalyptus	0.4384	0.2247	0.4560	0.2280	0.3555
euthyroid	0.9399	0.0601	0.8481	0.6913	0.5235
fbis-wc	0.2114	0.0928	0.0653	0.0054	0.3496
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5882	0.4118	0.5782	0.1171	0.8280
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.7115	0.1442	0.7376	0.5908	0.2541
gas	0.9691	0.0103	0.9728	0.9624	0.0479
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5347	0.3102	0.3766	0.1439	0.5178
gene	0.5962	0.2692	0.5787	0.2133	0.3562
german	0.6500	0.3500	0.3939	0.0000	0.4745
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7619	0.0794	0.7125	0.6591	0.2085
glass-g2	0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.8095	0.1905	0.7921	0.5000	0.3750
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.8155	0.5682	0.4308
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.2000	0.5333	0.1111	0.0000	0.4227
glioma-grade	0.7262	0.2738	0.7182	0.4000	0.7075
green	0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage	0.5333	0.2333	0.5780	0.3478	0.3890
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.6323	0.2593	0.8242
har701%	0.8235	0.0504	0.4719	0.7244	0.1800
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7670	0.4987	0.6583
heart-attack	0.7742	0.2258	0.7813	0.5293	0.6121
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-quantum	0.8400	0.1600	0.8619	0.6875	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.5000	0.5000	0.4980	-0.0039	0.9997
hiv1-proteasa	0.8314	0.1686	0.6509	0.0163	0.3172
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.2303	0.0000	0.3606
htru2	0.9765	0.0235	0.9278	0.8551	0.2726
hypothyroid	0.9257	0.0371	0.4852	0.4241	0.2320
hypothyroidT	0.9496	0.0504	0.7924	0.5147	0.2647
ilpd	0.6949	0.3051	0.5747	0.1352	0.8563
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
ionosphere	0.9143	0.0857	0.9146	0.8148	0.3671
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.6832	0.3168	0.6203	0.2204	0.7554
jvowels	0.9920	0.0018	0.9916	0.9909	0.0144
kc1	0.8246	0.1754	0.6380	0.2726	0.7474
kc1-class-level-defectiveornot	0.6000	0.4000	0.3750	0.0000	0.5000
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7500	0.2500	0.6851	0.3574	0.7500
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kidney-disease	0.9250	0.0750	0.9226	0.8333	0.2345
krvskp	0.7962	0.2038	0.8214	0.5836	0.4265
labor	0.5000	0.5000	0.6604	0.1818	0.5239
leaf	0.7059	0.0256	0.6659	0.6903	0.0779
led24	0.1500	0.1700	0.0261	0.0000	0.3774
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9615	0.0030	0.9622	0.9599	0.0436
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.4444	0.0741	0.4816	0.3975	0.2386
linkage1%	0.9993	0.0007	0.9498	0.8944	0.0040
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9204	0.0796	0.9212	0.8357	0.3600
localization10%	0.6299	0.0673	0.4060	0.5306	0.5091
lrs	0.3962	0.1725	0.0811	0.0000	0.3074
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.2500	0.3000	0.0800	0.0000	0.3844
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.6429	0.1786	0.3222	0.2473	0.3585
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.8690	0.1310	0.8544	0.7073	0.5268
mammography	0.8021	0.1979	0.8011	0.6010	0.6576
maternal	0.6832	0.2112	0.6951	0.5103	0.4904
messidor	0.6174	0.3826	0.6126	0.2251	0.9124

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	0.8889	0.0741	0.9106	0.8235	0.1370
meter-C	0.6111	0.1944	0.5056	0.4350	0.2780
meter-D	0.8889	0.0556	0.8711	0.8435	0.1146
mfeat-fac	0.1200	0.1760	0.1857	0.0222	0.4002
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.1100	0.1780	0.1444	0.0111	0.4037
mfeat-mor	0.6850	0.0630	0.6837	0.6500	0.1979
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.1350	0.1730	0.2267	0.0389	0.4442
mice-prot	0.3796	0.1551	0.5206	0.2871	0.3107
milk	0.9528	0.0314	0.9503	0.9282	0.0935
mines	0.5294	0.1882	0.4760	0.4113	0.3815
mobile	0.0175	0.0351	0.0006	0.0000	0.4297
monks-1	0.9273	0.0727	0.9317	0.8541	0.2605
monks-2	0.8852	0.1148	0.8770	0.7240	0.2925
monks-3	0.9286	0.0714	0.9294	0.8566	0.3257
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9397	0.0603	0.9427	0.8788	0.2301
musk	0.8955	0.1045	0.7784	0.4471	0.2389
MUT_ci300400a_cdk_ECFP2	0.6511	0.3489	0.6458	0.2007	0.6829
MUT_ci300400a_cdk_ECFP4	0.5066	0.4934	0.6413	0.1311	0.5469
MUT_ci300400a_cdk_ECFP6	0.6275	0.3725	0.6527	0.1253	0.5175
MUT_ci300400a_cdk_ESTATE	0.7326	0.2674	0.7227	0.4211	0.7276
MUT_ci300400a_cdk_EXTENDED	0.6415	0.3585	0.6634	0.1619	0.5287
MUT_ci300400a_cdk_FCFP2	0.7078	0.2922	0.7080	0.3446	0.6485
MUT_ci300400a_cdk_FCFP4	0.6583	0.3417	0.6595	0.2157	0.6465
MUT_ci300400a_cdk_FCFP6	0.6619	0.3381	0.6761	0.2186	0.5688
MUT_ci300400a_cdk_MACCS	0.6894	0.3106	0.6939	0.2956	0.6265
MUT_ci300400a_cdk_PUBCHEM	0.7018	0.2982	0.7104	0.3236	0.5897
MUT_ci300400a_cdk_STANDARD	0.6623	0.3377	0.6780	0.2181	0.5578
MUT_ci300400a_rdkit_descriptors	0.7581	0.2419	0.7838	0.5312	0.6244
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.9226	0.0774	0.9263	0.8453	0.3089
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.8106	0.0199	0.4246	0.5885	0.9421
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6107	0.3893	0.6065	0.2038	0.8995
NHANES_age_prediction	0.9295	0.0705	0.8577	0.6946	0.3346
NPHA-doctor-visits	0.3333	0.4444	0.3024	0.0131	0.5031
nursery	0.9452	0.0274	0.8511	0.9191	0.1141
obs	0.9074	0.0463	0.9170	0.8606	0.1415
occupancy	0.9898	0.0102	0.9860	0.9717	0.1196
Occupancy_Estimation	0.9704	0.0148	0.9165	0.9110	0.0961
oh0-wc	0.1782	0.1644	0.0303	0.0000	0.3798
oh10-wc	0.1619	0.1676	0.0279	0.0000	0.3848
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1538	0.1692	0.0267	0.0000	0.3900
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%	0.9113	0.0887	0.6123	0.1240	0.4709
optdigits	0.2046	0.1591	0.2688	0.1060	0.3685
optdigitsZ	0.9128	0.0872	0.6652	0.0359	0.2033
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6753	0.3247	0.6138	0.0680	0.5470
P-Glycoprotein_c_RDkit_AtomPair_FP	0.5476	0.4524	0.6186	0.0360	0.5206
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9122	0.0351	0.5679	0.6307	0.6188
parkinson	0.8833	0.1167	0.8800	0.7523	0.4400
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.8292	0.1708	0.7818	0.4893	0.4300
pasture	0.2500	0.5000	0.1667	-0.0909	0.3508
pc1	0.8829	0.1171	0.4689	-0.0587	0.7104
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.2353	0.2185	0.0544	0.0000	0.3686
pendigits	0.9854	0.0029	0.9857	0.9838	0.0253
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
phishing	0.9633	0.0367	0.9614	0.9228	0.2155
PhiUSIIL10%	0.8698	0.1302	0.8766	0.7236	0.3363
phone-acc0.1%	0.6776	0.0921	0.6715	0.6216	0.3318
phone-gyr0.1%	0.6935	0.0876	0.6942	0.6405	0.3381
phoneme	0.8463	0.1537	0.8008	0.5882	0.5726
pima	0.7368	0.2632	0.7271	0.3930	0.6335
pirvision	0.9869	0.0087	0.9692	0.9590	0.1142
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4907	0.1455	0.1413	0.0244	0.3224
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9459	0.0541	0.5970	0.0902	0.3993
polish-5th	0.9239	0.0761	0.6589	0.3089	0.6260
polya	0.6605	0.3395	0.6352	0.0666	0.4959
post-operative	0.5556	0.2963	0.2381	-0.2000	0.4881
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6888	0.3529	0.7860
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3333	0.1026	0.2431	0.2083	0.3098
profb	0.4179	0.5821	0.5236	0.0297	0.7763
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio10%	0.9608	0.0157	0.9389	0.9471	0.0868
pufs-641%	0.5012	0.4988	0.5562	0.0017	0.5367
raisin	0.9222	0.0778	0.9232	0.8444	0.3519
re0-wc	0.2667	0.1128	0.1092	0.0669	0.3081
re1-wc	0.2048	0.0636	0.0443	0.0073	0.3334
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5493	0.4507	0.6129	0.0167	0.5191
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6488	0.3512	0.6443	0.2870	0.8750
satimage	0.8958	0.0347	0.8797	0.8712	0.1722
satimageF	0.9798	0.0202	0.9463	0.8910	0.1828
satimageT	0.9425	0.0575	0.8385	0.6768	0.4894
scadi	0.1429	0.2449	0.0357	0.0000	0.3180
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	0.8148	0.1852	0.8163	0.6154	0.5782
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
segment	0.9307	0.0198	0.9386	0.9190	0.0804
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	0.9913	0.0087	0.9828	0.9655	0.1114
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
shoppers	0.8735	0.1265	0.7130	0.3850	0.5761
sick	0.9496	0.0504	0.7646	0.5113	0.4815
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin10%	0.9914	0.0086	0.9873	0.9743	0.1138
smarket	0.8640	0.1360	0.8775	0.7261	0.3626
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
solar-flare	0.6906	0.1031	0.6125	0.6074	0.3222
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.5294	0.0495	0.4014	0.4639	0.2386
spambase	0.8478	0.1522	0.8449	0.6639	0.4617
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.0962	0.0670	0.0442	0.0212	0.3870
splice-EI	0.8139	0.1861	0.7422	0.3473	0.3515
splice-IE	0.8265	0.1735	0.7460	0.3570	0.3360
sport-articles	0.8100	0.1900	0.8159	0.6160	0.6102
squash-stored	0.6000	0.2667	0.5714	0.3750	0.2113
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
steel_industry	0.7814	0.1457	0.7705	0.6592	0.3988
steel-b	0.8051	0.1949	0.6726	0.1109	0.3500
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9692	0.0308	0.9524	0.9001	0.1086
steel-o	0.8410	0.1590	0.8380	0.6671	0.5776
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9692	0.0308	0.9090	0.8164	0.3047
stockb	0.9471	0.0352	0.9507	0.9207	0.1189
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5750	0.1700	0.3536	0.3616	0.4446
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy1%	0.7892	0.2108	0.7872	0.5729	0.6819
tae	0.4667	0.3556	0.5201	0.2000	0.5918
texture	0.9564	0.0079	0.9617	0.9519	0.0526
theorem	0.9345	0.0655	0.9353	0.8623	0.2251
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.8158	0.1842	0.7748	0.4481	0.3584
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8136	0.1864	0.7881	0.5021	0.4299
tourist	0.5000	0.1667	0.1111	0.0000	0.2923
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7536	0.3929	0.4155
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6933	0.3067	0.5716	0.1431	0.8650
trec11-wc	0.1707	0.1843	0.0324	0.0000	0.3496
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.2841	0.1432	0.0442	0.0000	0.3263
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9910	0.0090	0.9865	0.9726	0.1201
turkish	0.3000	0.3500	0.3921	0.0667	0.3906
tvnews1%	0.4077	0.5923	0.6006	0.0458	0.5198
tvnews10%	0.6569	0.3431	0.6143	0.0961	0.6030
ur3_cobotops_grip	0.9673	0.0327	0.7202	0.4379	0.5513
ur3_cobotops_stop	0.9578	0.0422	0.7824	0.5426	0.5672
urban	0.1940	0.1791	0.1266	0.0187	0.3685
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7619	0.1190	0.7150	0.6735	0.2596
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.8140	0.1860	0.8396	0.6309	0.4230
vowel	0.5253	0.0863	0.5912	0.4778	0.2479
vowelZ	0.9293	0.0707	0.7480	0.3419	0.1774
warpar10p	0.0769	0.1846	0.0143	0.0000	0.4033
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc1%	0.7498	0.0715	0.7541	0.7076	0.2976
watch-gyr1%	0.6881	0.0891	0.7029	0.6359	0.3511
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
web-phishing	0.8370	0.1086	0.7734	0.7049	0.4190
Weekly	0.8704	0.1296	0.8790	0.7296	0.3405
white-clover	0.3333	0.3333	0.1250	0.0000	0.1934
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9834	0.0166	0.9247	0.8432	0.3929
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6415	0.1195	0.3061	0.4267	0.3814
winequality-white	0.6033	0.1322	0.3639	0.3602	0.3868
wisc_bc	0.6316	0.3684	0.3871	0.0000	0.4848
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.5270	0.0946	0.3203	0.3809	0.3743
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9595	0.0405	0.7445	0.4795	0.5174
zip	0.2634	0.1473	0.1920	0.1193	0.3544

Table 485: Detailed results for SVMW2

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.2000	0.0762	0.1232	0.1181	0.4851
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8468	0.1532	0.7737	0.5387	0.6199
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.7619	0.2381	0.4672	-0.0588	0.6265
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9029	0.0971	0.4745	-0.0425	0.6928
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8498	0.1502	0.7835	0.5584	0.6065
air_pollution	0.1100	0.2543	0.1058	-0.0081	0.5152
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7714	0.0914	0.4443	0.4449	0.2345
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8290	0.6549	0.5760
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9527	0.0236	0.9126	0.9088	0.1302
anuran-genus	0.9750	0.0063	0.9434	0.9586	0.0880
anuran-species	0.9875	0.0025	0.9670	0.9826	0.0359
anxiety	0.1167	0.1963	0.0726	0.0016	0.6690
apple-quality	0.7325	0.2675	0.7333	0.4650	0.7718
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia	0.6889	0.0622	0.5539	0.4793	0.3868
auction	0.8922	0.1078	0.7034	0.2780	0.3887
audiology	0.9091	0.0165	0.9441	0.8932	0.0533
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.6364	0.3636	0.3889	0.0000	0.4822
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.4828	0.5172	0.3256	0.0000	0.5300
autos	0.8000	0.0800	0.8082	0.7297	0.1834
avila	0.5582	0.0736	0.4227	0.3382	0.3380
babies	0.4355	0.1613	0.1402	0.0970	0.3740
balance	0.9194	0.0538	0.8845	0.8604	0.3020
bank	0.9075	0.0925	0.7266	0.4241	0.5497
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.9548	0.0452	0.9548	0.9095	0.2468
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.9048	0.0952	0.8990	0.7981	0.4308
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.6313	0.1843	0.6396	0.5085	0.4843
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5743	0.5644	0.1538
bridges	0.9000	0.0333	0.8192	0.8485	0.0568
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9023	0.0489	0.8811	0.7945	0.2581
car-insurance	0.8300	0.1700	0.7992	0.5977	0.6372
card	0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography	0.8216	0.0357	0.7422	0.7852	0.2231
cardiotocography-nsp	0.8967	0.0689	0.8174	0.7108	0.2998
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.6111	0.4931	0.4921
cas_N6512_cdk_ECFP2	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_rdkit_ATOMPAIR	0.7308	0.2692	0.7286	0.4569	0.7799
cas_N6512_RDkit_AtomPair_FP	0.7132	0.2868	0.7106	0.4207	0.8040
cas_N6512_rdkit_AVALON	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Avalon_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_descriptors	0.7369	0.2631	0.7384	0.4746	0.7638
cas_N6512_rdkit_FEATMORGAN	0.5392	0.4608	0.3503	0.0000	0.5209
cas_N6512_RDkit_Featmorgan_FP	0.7377	0.2623	0.7355	0.4705	0.7691
cas_N6512_RDkit_FP	0.7086	0.2914	0.7058	0.4107	0.8096
cas_N6512_rdkit_LAYERED	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_Layered_FP	0.5383	0.4617	0.3499	0.0000	0.5211

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7158	0.2842	0.7327	0.4067	0.6465
cas_N6512_RDkit_MACCS_FP	0.7147	0.2853	0.7141	0.4156	0.7734
cas_N6512_rdkit_MORGAN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_morgan_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_PATTERN	0.5385	0.4615	0.3500	0.0000	0.5211
cas_N6512_RDkit_pattern_FP	0.5383	0.4617	0.3499	0.0000	0.5211
cas_N6512_rdkit_RDKITFP	0.5376	0.4624	0.3497	0.0000	0.5213
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds	0.9643	0.0357	0.6915	0.2217	0.2441
ccds1%	0.9396	0.0604	0.4844	-0.0288	0.6429
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7876	0.2124	0.7715	0.5422	0.7035
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.4871	-0.0029	0.2827
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.4064	0.2968	0.1445	0.0000	0.3286
chrom19	0.9995	0.0005	0.8619	0.7175	0.2940
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.7839	0.5621	0.4216
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8020	0.1980	0.6119	0.1393	0.6202
churn-bigml	0.8727	0.1273	0.6855	0.2506	0.4495
ci900367j_MACCS	0.7368	0.2632	0.7254	0.4498	0.7759
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575
cjs	0.5357	0.1548	0.5376	0.4542	0.2313
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8046	0.0977	0.5645	0.6930	0.3144
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6077	0.3182	0.5379
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4752	0.2083	0.7468
cnae-9	0.9444	0.0123	0.9465	0.9375	0.0615
codon_usage	0.8918	0.0197	0.7433	0.8683	0.1629
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.6800	0.0427	0.5610	0.6443	0.1373
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6552	0.3448	0.5841	0.1570	0.8836
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.6552	0.3448	0.6415	0.2120	0.7262
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7931	0.2069	0.6969	0.2018	0.3671
column-2c	0.9677	0.0323	0.9634	0.9242	0.1262
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
connect-4	0.9776	0.0149	0.3296	0.0000	0.0419
cottonmeloidogyne	0.7668	0.2332	0.7669	0.5337	0.7225

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
coupon	0.6782	0.3218	0.6687	0.3359	0.8508
covid19	0.4761	0.1497	0.0922	0.0000	0.2297
covtype	0.4876	0.1464	0.0936	0.0000	0.2412
covtype10%	0.4876	0.1464	0.0937	0.0000	0.2412
covtypeCD	0.9493	0.0507	0.8883	0.7748	0.3746
covtypeT	0.9455	0.0545	0.7592	0.5035	0.5042
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.8986	0.0338	0.7347	0.7854	0.2276
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4062	0.0297	0.2600	0.3902	0.0838
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.7037	0.2963	0.7303	0.3344	0.4688
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8153	0.1847	0.6874	0.3024	0.5939
defect	0.8796	0.1204	0.7449	0.3728	0.3479
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8998	0.1002	0.7072	0.3753	0.5564
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.7500	0.1667	0.7690	0.6098	0.3265
DIA	0.8000	0.2000	0.7000	0.3143	0.5664
diabetes	0.8846	0.1154	0.8781	0.7562	0.4872
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.7927	0.2073	0.4422	0.0000	0.3599
diabetic1%	0.5980	0.2680	0.4019	0.1714	0.4398
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9777	0.9771	0.0437
diamonds_all	0.6676	0.1330	0.5582	0.5119	0.3962
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5833	0.4167	0.5845	0.1667	0.9267
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9950	0.0050	0.5678	0.1354	0.5306
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.5273	0.4727	0.3452	0.0000	0.5237
dota210%	0.5709	0.4291	0.5674	0.1339	0.9520
drebin	0.6301	0.3699	0.3865	0.0000	0.4856
dropout	0.7630	0.1580	0.6801	0.6022	0.4647
drug-01	0.4202	0.1657	0.1371	0.0660	0.3855
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1172	0.0096	0.1975
drug-04	0.5372	0.1322	0.1776	0.0213	0.2885
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4149	0.1672	0.2191	0.2495	0.5151
drug-07	0.4362	0.1611	0.1697	0.0100	0.2455
drug-08	0.5479	0.1292	0.1659	0.0374	0.3812
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-10	0.5479	0.1292	0.1500	0.1239	0.3577
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6277	0.1064	0.1812	0.2702	0.3602
drug-14	0.6011	0.1140	0.2294	0.2347	0.3831
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5851	0.1185	0.2380	0.2897	0.3885
drug-17	0.3670	0.1809	0.1777	0.1186	0.4914
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9302	0.0199	0.9421	0.9156	0.1151
ecoli	0.8529	0.0490	0.7121	0.7957	0.1665
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2800	0.3600	0.2990	0.0323	0.6733
eeg	0.1442	0.1070	0.0158	0.0000	0.3659
eeg-eye	0.6115	0.3885	0.6125	0.1621	0.7640
eeg10%	0.3638	0.0795	0.3714	0.2944	0.6098
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.4932	0.2027	0.4013	0.3003	0.3285
euthyroid	0.9589	0.0411	0.8930	0.7831	0.4396
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.8951	0.1049	0.8971	0.7907	0.4309
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.5338	0.4662	0.3480	0.0000	0.5222
fbis-wc	0.0163	0.1157	0.0019	0.0000	0.3803
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9020	0.0980	0.9009	0.8012	0.4232
financial-risk	0.5180	0.1607	0.1137	0.0000	0.2581
fishcatch	0.8125	0.0625	0.8486	0.7659	0.1160
flags	0.3000	0.2000	0.0659	0.0000	0.3486
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9935	0.0022	0.9936	0.9922	0.0181
gastrointestinal	0.6250	0.2500	0.6148	0.4182	0.4923
gender	0.6021	0.2653	0.3807	0.1449	0.5100
gene	0.9148	0.0568	0.9047	0.8646	0.2402
german	0.7600	0.2400	0.7248	0.4103	0.6710
gestures	0.2517	0.3741	0.1005	0.0000	0.4040
gina	0.5101	0.4899	0.3378	0.0000	0.5269
glass	0.6667	0.1111	0.6934	0.5288	0.2337
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.6667	0.3333	0.5625	0.0870	0.7994
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.6000	0.2000	0.6353	0.4479	0.4117
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.1812	0.1365	0.0256	0.0000	0.3246

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har	0.7946	0.0822	0.7859	0.7387	0.3340
har70	0.7755	0.0641	0.4003	0.6341	0.1240
har701%	0.7752	0.0642	0.3988	0.6337	0.1260
har7010%	0.7756	0.0641	0.4001	0.6344	0.1238
harth	0.4492	0.0918	0.0517	0.0000	0.2692
harth1%	0.6813	0.0531	0.2493	0.5480	0.1987
harth10%	0.6809	0.0532	0.2591	0.5472	0.1975
hayes-roth	0.4375	0.3750	0.4609	0.1000	0.6085
hcc-survival	0.6471	0.3529	0.6237	0.2388	0.8780
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.8500	0.1500	0.8206	0.6182	0.5065
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.8362	0.1638	0.8362	0.6724	0.5912
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.5306	0.4694	0.3467	0.0000	0.5230
higgs0.1%	0.6691	0.3309	0.6685	0.3248	0.8327
higgs1%	0.5314	0.4686	0.3470	0.0000	0.5228
higgs10%	0.5295	0.4705	0.3462	0.0000	0.5232
higher	0.3571	0.1607	0.2679	0.2270	0.2388
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9359	0.0641	0.8849	0.7696	0.4222
hiva	0.9433	0.0567	0.5571	0.1137	0.6245
horse	0.6667	0.2222	0.4904	0.3581	0.3902
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8561	0.1439	0.4612	-0.0135	0.4899
ht-sensor	0.3731	0.4180	0.1811	0.0000	0.4100
ht-sensor10%	0.5865	0.2756	0.5899	0.3782	0.6422
htru2	0.9804	0.0196	0.9389	0.8746	0.1719
hypothyroid	0.9602	0.0199	0.6301	0.7343	0.2076
hypothyroidT	0.9682	0.0318	0.8780	0.7234	0.0997
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9513	0.0243	0.9519	0.9351	0.0958
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9358	0.0049	0.9367	0.9332	0.0569
jm1	0.8090	0.1910	0.5989	0.0501	0.4618
jvowels	0.9598	0.0089	0.9578	0.9545	0.0645
kc1	0.8578	0.1422	0.6647	0.2603	0.5801
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6154	0.1538	0.3650	0.2935	0.3817
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1521	0.2423	0.0377	0.0000	0.4018
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup99	0.5732	0.0427	0.0364	0.0000	0.1398
kddcup991%	0.0020	0.1535	0.0003	0.0000	0.2182
kddcup9910%	0.5684	0.0454	0.0381	0.0000	0.1484

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kepler	0.8776	0.0816	0.8358	0.7978	0.2191
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2895	0.0789	0.2492	0.1970	0.5500
krvskp	0.9687	0.0313	0.9690	0.9373	0.1810
la2s-wc	0.2517	0.2494	0.0670	0.0000	0.3690
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8235	0.0153	0.7675	0.8139	0.0476
led24	0.6000	0.0800	0.5526	0.5467	0.1533
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8475	0.0117	0.8488	0.8413	0.1608
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.9167	0.0111	0.9305	0.9104	0.0399
linkage	0.9964	0.0036	0.4991	0.0000	0.0166
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
linkage10%	0.9963	0.0037	0.4991	0.0000	0.0166
liver	0.8235	0.1765	0.7914	0.5768	0.6309
loan	0.9274	0.0726	0.9225	0.8449	0.3560
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.1650	0.1518	0.0258	0.0000	0.3230
lrs	0.8868	0.0323	0.6612	0.8412	0.0526
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.8830	0.1170	0.8800	0.7599	0.4864
madelon	0.5423	0.4577	0.5425	0.0846	0.9717
magic04	0.7827	0.2173	0.7537	0.5002	0.7021
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8705	0.1295	0.7007	0.1904	0.2699
maternal	0.6337	0.2442	0.6420	0.4358	0.5425
math	0.7750	0.1125	0.7031	0.6407	0.3058
mba	0.8226	0.1183	0.4058	0.1916	0.3904
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2200	0.3120	0.1265	0.0228	0.5350
messidor	0.7043	0.2957	0.7119	0.4147	0.7881
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9650	0.0070	0.9658	0.9611	0.0385
mfeat-fou	0.8550	0.0290	0.8565	0.8389	0.1452
mfeat-kar	0.9600	0.0080	0.9608	0.9556	0.0507
mfeat-mor	0.7050	0.0590	0.7079	0.6722	0.2079
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0163
mfeat-zer	0.8600	0.0280	0.8354	0.8444	0.0792
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8113	0.1258	0.8400	0.7220	0.2820
mines	0.5000	0.2000	0.4135	0.3724	0.3912
mobile	0.8007	0.0071	0.8101	0.7971	0.0946

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.8036	0.1964	0.8117	0.6031	0.5888
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4806	0.0944	0.4835	0.3662	0.5214
musk	0.9348	0.0652	0.8680	0.6988	0.1763
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.7170	0.2830	0.7049	0.4070	0.8005
MUT_ci300400a_cdk_EXTENDED	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.7542	0.2458	0.7459	0.4706	0.6974
MUT_ci300400a_cdk_PUBCHEM	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_STANDARD	0.7892	0.2108	0.7836	0.5671	0.6904
MUT_ci300400a_rdkit_descriptors	0.7820	0.2180	0.7755	0.5497	0.6992
myocardial	0.8588	0.0353	0.2148	0.1847	0.1143
naticusdroid	0.5012	0.4988	0.3339	0.0000	0.5282
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.8819	0.0124	0.2442	0.6241	0.1696
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9029	0.0971	0.6243	0.0059	0.2299
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6463	0.3537	0.6437	0.2867	0.8842
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5278	0.3148	0.3489	0.0400	0.5118
nursery	0.9066	0.0467	0.8600	0.8660	0.1521
obesity	0.8246	0.0501	0.8490	0.7959	0.1446
obs	0.7963	0.1019	0.8403	0.6883	0.2279
occupancy	0.9883	0.0117	0.9840	0.9676	0.1306
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.7921	0.0416	0.7643	0.7601	0.1923
oh10-wc	0.6762	0.0648	0.6261	0.6293	0.2932
oh15-wc	0.6630	0.0674	0.6423	0.6176	0.3342
oh5-wc	0.8242	0.0352	0.8160	0.8011	0.1591
olive	0.9474	0.0117	0.9501	0.9339	0.0286
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9786	0.0043	0.9794	0.9763	0.0331
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6520	0.1647	0.3724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7887	0.2113	0.7693	0.5377	0.7048
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8647	0.7293	0.5256
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.8527	0.8321	0.0885
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons	0.8057	0.1943	0.8008	0.5980	0.6561
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.7194	0.2806	0.4184	0.0000	0.4268
particle10%	0.8831	0.1169	0.8606	0.7194	0.5287
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.4948	0.5052	0.4861	-0.0278	0.9958
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8158	0.1842	0.7544	0.5088	0.6968
pediatric-leukemia	0.8235	0.0504	0.7624	0.7804	0.1295
pendigits	0.9782	0.0044	0.9783	0.9757	0.0347
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.5556	0.4444	0.3571	-0.2000	0.9762
persistency	0.8076	0.1924	0.7920	0.5823	0.6597
personalities	0.0628	0.1171	0.0074	0.0000	0.4134
pet-adoption	0.9100	0.0900	0.8992	0.7831	0.3023
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc0.1%	0.1531	0.2420	0.0379	0.0000	0.4011
phone-acc1%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-acc10%	0.1678	0.2378	0.0411	0.0000	0.3989
phone-gyr	0.1687	0.2375	0.0412	0.0000	0.3985
phone-gyr0.1%	0.1594	0.2402	0.0393	0.0000	0.3999
phone-gyr1%	0.1687	0.2375	0.0413	0.0000	0.3985
phone-gyr10%	0.1687	0.2375	0.0412	0.0000	0.3985
phoneme	0.7796	0.2204	0.7260	0.4520	0.7452
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9928	0.0048	0.9875	0.9772	0.0519
placement	0.7990	0.2010	0.7942	0.5884	0.6720
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9340	0.0660	0.6550	0.1225	0.2859
polya	0.7838	0.2162	0.7590	0.5146	0.7066
popularity	0.6603	0.2265	0.4077	0.1892	0.4601
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2093	0.3163	0.0692	0.0000	0.4005
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4545	0.0839	0.3519	0.3889	0.2605
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.7313	0.2687	0.6710	0.2726	0.6759
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.8576	0.0570	0.8143	0.8095	0.2171
pufs-128	0.5001	0.4999	0.3334	0.0000	0.5283
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5042	0.4958	0.5042	0.0083	0.9977
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.8333	0.0256	0.7731	0.7848	0.2651
re1-wc	0.7530	0.0198	0.6342	0.7211	0.2435
rejafada	0.9698	0.0302	0.7232	0.2433	0.0927
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6023	0.3977	0.5725	0.1405	0.9286
RT_IOT2022	0.7689	0.0385	0.0724	0.0000	0.1480
satimage	0.8771	0.0410	0.8570	0.8488	0.1885
satimageF	0.9829	0.0171	0.9552	0.9101	0.1937
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8974	0.1026	0.6430	0.2794	0.6426
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9567	0.0124	0.9613	0.9494	0.0562
segmentation	0.8267	0.1733	0.8079	0.6140	0.6248
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8658	0.1342	0.5694	0.0500	0.4928
sens-5-gram	0.8763	0.1237	0.6487	0.1479	0.4234
sens-6-gram	0.8658	0.1342	0.5503	0.0232	0.4453
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-9-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8816	0.1184	0.7336	0.4180	0.5243
shuttle	0.9855	0.0041	0.8405	0.9592	0.1518
sick	0.9655	0.0345	0.8435	0.6656	0.3054
sirtuin6	0.8000	0.2000	0.8276	0.6000	0.4308
skin	0.9299	0.0701	0.9050	0.8030	0.4312
skin10%	0.9273	0.0727	0.8994	0.7936	0.4426
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1362	-0.1302	0.8538
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.2067	0.3173	0.1159	0.0064	0.5415
solar-flare	0.7410	0.0863	0.5659	0.6658	0.1915
sonar	0.5000	0.5000	0.5000	0.0000	1.0000
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9415	0.0585	0.8026	0.5886	0.4446
spambase	0.9152	0.0848	0.9111	0.8202	0.3754
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8000	0.2000	0.7515	0.3797	0.3716

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spectrometer	0.5769	0.0313	0.4348	0.5521	0.1351
splice-EI	0.9527	0.0473	0.9407	0.8791	0.3179
splice-IE	0.9148	0.0852	0.8797	0.7587	0.4437
sport-articles	0.8400	0.1600	0.8254	0.6449	0.5756
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9355	0.0645	0.9313	0.8531	0.2092
steel_industry	0.7651	0.1566	0.7199	0.6206	0.4560
steel-b	0.8308	0.1692	0.7149	0.4114	0.6677
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.7487	0.2513	0.7094	0.3765	0.6874
steel-p	0.9231	0.0769	0.7662	0.5295	0.6033
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9061	0.8093	0.4129
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.9236	0.0764	0.8659	0.7297	0.4443
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.8080	0.1920	0.8061	0.6121	0.6516
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6450	0.1420	0.3630	0.4131	0.3999
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4100	0.2360	0.1886	0.0638	0.4631
student-weekend	0.3846	0.2462	0.1673	0.0796	0.4928
student-workday	0.6875	0.1250	0.1630	-0.0191	0.3344
studentap	0.5385	0.3077	0.5442	0.3036	0.6613
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.7930	0.2070	0.7936	0.5764	0.6455
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.8991	0.1009	0.8714	0.7428	0.4910
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.7524	0.2476	0.4294	0.0000	0.3989
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.5000	0.2000	0.1333	0.0000	0.3236
tox_171	1.0000	0.0000	1.0000	1.0000	0.0000
toxicity	0.5294	0.4706	0.4848	-0.0303	0.9755
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec12-wc	0.9032	0.0242	0.9196	0.8821	0.0667
trec21-wc	0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc	0.5714	0.1429	0.4055	0.4167	0.3279
trec31-wc	0.9570	0.0143	0.9539	0.9431	0.0895
trec41-wc	0.8409	0.0318	0.7315	0.8022	0.1467
trec45-wc	0.7536	0.0493	0.6922	0.7112	0.2285
tuandromd	0.9821	0.0179	0.9722	0.9443	0.1640
turkish	0.8000	0.1000	0.8041	0.7333	0.2397
tvnews	0.6341	0.3659	0.3881	0.0000	0.4834
tvnews1%	0.9308	0.0692	0.9272	0.8533	0.3522
tvnews10%	0.8967	0.1033	0.8878	0.7739	0.4414
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7910	0.0464	0.7851	0.7560	0.1818
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9853	0.0147	0.4963	-0.0066	0.5661
ustilago10%	0.9841	0.0159	0.6293	0.2586	0.5621
vehicle	0.7857	0.1071	0.7672	0.7134	0.2071
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5859	0.0753	0.6394	0.5444	0.2021
vowelZ	0.9798	0.0202	0.9473	0.8889	0.3322
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.8141	0.0186	0.5852	0.7915	0.1229
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.1469	0.2438	0.0366	0.0000	0.4014
watch-acc10%	0.1795	0.2344	0.0435	0.0000	0.3965
watch-gyr	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr1%	0.1631	0.2391	0.0401	0.0000	0.3998
watch-gyr10%	0.1631	0.2391	0.0401	0.0000	0.3998
water_pollution	0.2300	0.3850	0.1943	-0.0224	0.7206
waveform	0.8420	0.1053	0.8423	0.7630	0.3632
weather-related	0.9019	0.0178	0.9271	0.8895	0.0684
web-phishing	0.8000	0.1333	0.6473	0.6267	0.4185
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.2843	0.2863	0.0886	0.0000	0.3862
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9752	0.0248	0.8590	0.7144	0.3739
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5912	0.1363	0.2764	0.3273	0.3901
winequality-white	0.5297	0.1344	0.2555	0.2347	0.4208
winnipeg	0.0035	0.2847	0.0010	0.0000	0.3888
winnipeg10%	0.2611	0.2111	0.0592	0.0000	0.3335
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.4865	0.1027	0.3710	0.3423	0.4330
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9662	0.0338	0.7155	0.4272	0.5783
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9452	0.0110	0.9415	0.9385	0.0835

Table 486: Detailed results for SVMWRBF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1735	0.0787	0.1176	0.0774	0.4934
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9634	0.0366	0.9213	0.8297	0.1164
adult	0.8507	0.1493	0.7782	0.5444	0.6005
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8920	0.1080	0.8466	0.6848	0.4742
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.7048	0.1181	0.2088	0.1563	0.2652
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8558	0.1442	0.8403	0.6798	0.5623
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9889	0.0056	0.9548	0.9788	0.0306
anuran-genus	0.9930	0.0017	0.9814	0.9886	0.0149
anuran-species	0.9917	0.0017	0.9897	0.9884	0.0152
anxiety	0.0667	0.2074	0.0633	-0.0525	0.8354
apple-quality	0.8800	0.1200	0.8805	0.7600	0.4827
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis10%	0.0080	0.9920	0.0080	0.0000	0.0228
arcene	0.6000	0.4000	0.6021	0.2000	0.9053
arrhythmia	0.6667	0.0667	0.3580	0.3686	0.2687

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9069	0.0931	0.7535	0.4444	0.4313
audiology	0.7273	0.0496	0.5588	0.6667	0.1317
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6500	0.1400	0.6207	0.5189	0.2890
avila	0.7614	0.0398	0.7392	0.6753	0.2596
babies	0.4516	0.1567	0.1486	0.1296	0.3779
balance	0.9032	0.0645	0.6228	0.8178	0.1771
bank	0.9087	0.0913	0.7358	0.4515	0.5616
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9217	0.0783	0.9158	0.8240	0.3067
basehock	0.9548	0.0452	0.9548	0.9095	0.2467
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9966	0.0034	0.8943	0.7809	0.2098
biodeg	0.8857	0.1143	0.8788	0.7577	0.4851
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6834	0.1695	0.4092
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5969	0.5600	0.1943
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9368	0.0316	0.9149	0.8697	0.2437
car-insurance	0.8420	0.1580	0.8160	0.6320	0.6136
card	0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography	0.8028	0.0394	0.7670	0.7612	0.1965
cardiotocography-nsp	0.9061	0.0626	0.8209	0.7277	0.2697
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.9772	0.0152	0.9779	0.9657	0.0697
cars	0.7500	0.1667	0.6446	0.5455	0.5115
cas_N6512_cdk_ECFP2	0.7803	0.2197	0.7794	0.5587	0.7008
cas_N6512_rdkit_ATOMPAIR	0.7523	0.2477	0.7522	0.5037	0.7451
cas_N6512_RDkit_AtomPair_FP	0.7715	0.2285	0.7707	0.5412	0.7157
cas_N6512_rdkit_AVALON	0.8065	0.1935	0.8051	0.6101	0.6534
cas_N6512_RDkit_Avalon_FP	0.8359	0.1641	0.8352	0.6702	0.5932
cas_N6512_rdkit_descriptors	0.7969	0.2031	0.7967	0.5928	0.6697
cas_N6512_rdkit_FEATMORGAN	0.7665	0.2335	0.7649	0.5297	0.7248
cas_N6512_RDkit_Featmorgan_FP	0.8052	0.1948	0.8039	0.6077	0.6556
cas_N6512_RDkit_FP	0.7684	0.2316	0.7671	0.5342	0.7216
cas_N6512_rdkit_LAYERED	0.7831	0.2169	0.7837	0.5659	0.6919
cas_N6512_RDkit_Layered_FP	0.7638	0.2362	0.7623	0.5246	0.7292
cas_N6512_rdkit_MACCS	0.8003	0.1997	0.7989	0.5952	0.6570
cas_N6512_RDkit_MACCS_FP	0.7960	0.2040	0.7954	0.5905	0.6724

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.8123	0.1877	0.8109	0.6217	0.6414
cas_N6512_RDkit_morgan_FP	0.7914	0.2086	0.7903	0.5806	0.6816
cas_N6512_rdkit_PATTERN	0.7954	0.2046	0.7956	0.5902	0.6710
cas_N6512_RDkit_pattern_FP	0.7791	0.2209	0.7788	0.5571	0.7016
cas_N6512_rdkit_RDKITFP	0.7896	0.2104	0.7884	0.5768	0.6849
cas_N6512_rdkit_TORSION	0.7646	0.2354	0.7654	0.5292	0.7227
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8342	0.1658	0.8376	0.6595	0.5681
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.8527	0.6560	0.0768
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.7856	0.5710	0.4672
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8450	0.1550	0.7267	0.3905	0.5411
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7053	0.2947	0.6729	0.3303	0.8030
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4587	0.3710	0.4457
cjs	0.9857	0.0048	0.9848	0.9826	0.0260
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8667	0.0667	0.7919	0.7939	0.2638
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5102	0.3265	0.4829	0.2260	0.7383
cnae-9	0.8056	0.0432	0.8397	0.7812	0.1597
codon_usage	0.9325	0.0123	0.7728	0.9178	0.1085
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9091	0.0909	0.8839	0.7674	0.4467
collins	0.6200	0.0507	0.4984	0.5765	0.1559
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.6821	0.3591	0.8058
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8710	0.1290	0.8634	0.7195	0.5250
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
comedy_comparisons10%	0.4827	0.5173	0.3256	0.0000	0.5300
connect-4	0.9993	0.0005	0.9780	0.9832	0.0020
cottonmeloidogyne	0.7861	0.2139	0.7863	0.5722	0.6889
coupon	0.7555	0.2445	0.7486	0.4938	0.7385

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.7869	0.0609	0.6646	0.6496	0.3244
covtypeCD	0.9876	0.0124	0.9742	0.9482	0.1773
covtypeT	0.9784	0.0216	0.9133	0.8248	0.2751
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.0017	0.9983	0.0017	0.0000	0.0049
creditcard_trans10%	0.9996	0.0004	0.9473	0.8887	0.0022
crowdsourced	0.9410	0.0197	0.8624	0.8774	0.1605
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.2188	0.0391	0.1540	0.1984	0.1272
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1567	0.2811	0.1035	-0.0235	0.6225
cyclopentane	0.7037	0.2963	0.7373	0.4286	0.6809
cylinder-bands	0.7593	0.2407	0.7517	0.4935	0.7166
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8981	0.1019	0.7901	0.5020	0.3167
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.3366	0.0303	0.5178
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.8000	0.2000	0.7183	0.2727	0.3632
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5686	0.2876	0.3857	0.0856	0.4048
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9754	0.9769	0.0227
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.5699	0.4301	0.5656	0.1294	0.9501
drebin	0.9854	0.0146	0.9843	0.9686	0.1074
dropout	0.7720	0.1520	0.6946	0.6158	0.4380
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5426	0.1307	0.1935	0.0575	0.3209
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.2646	0.2627	0.4658
drug-07	0.4628	0.1791	0.1773	0.0633	0.2928
drug-08	0.5798	0.1201	0.2014	0.1233	0.2833
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-10	0.5585	0.1261	0.1535	0.1083	0.3377
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6064	0.1125	0.1607	0.2001	0.3262
drug-14	0.5957	0.1155	0.2517	0.2396	0.3929
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5957	0.1155	0.2737	0.2893	0.3552
drug-17	0.3670	0.1809	0.1314	0.1108	0.4509
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9317	0.0195	0.9438	0.9173	0.1126
ecoli	0.8529	0.0490	0.7218	0.7937	0.1439
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2900	0.3550	0.2908	0.0517	0.8197
eeg	0.0115	0.1236	0.0014	0.0000	0.3917
eeg-eye	0.8351	0.1649	0.8332	0.6638	0.5856
eeg10%	0.4162	0.0730	0.3951	0.3477	0.5108
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5205	0.1918	0.4869	0.3718	0.5298
euthyroid	0.9589	0.0411	0.8821	0.7641	0.4069
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.6789	0.0378	0.5736	0.6219	0.1881
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5294	0.4706	0.5140	0.0270	0.9795
financial-risk	0.8550	0.0483	0.6605	0.7676	0.2089
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9038	0.0481	0.8846	0.8678	0.1583
gas	0.9907	0.0031	0.9909	0.9887	0.0217
gastrointestinal	0.7500	0.1667	0.7526	0.5844	0.3057
gender	0.6021	0.2653	0.3796	0.1409	0.5084
gene	0.9338	0.0442	0.9275	0.8947	0.1987
german	0.7500	0.2500	0.7146	0.3719	0.6479
gestures	0.8921	0.0539	0.8945	0.8562	0.2050
gina	0.9366	0.0634	0.9371	0.8733	0.3094
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7619	0.0794	0.7076	0.6557	0.2078
glass-g2	0.7500	0.2500	0.8000	0.5294	0.5000
glassBWFP	0.9048	0.0952	0.9114	0.8073	0.3522
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8743	0.7381	0.4830
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.2725	0.0683	0.5394
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7667	0.2333	0.6698	0.3226	0.7594

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hapt	0.9661	0.0056	0.9118	0.9600	0.0345
har	0.9353	0.0259	0.9331	0.9180	0.1158
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.8916	0.0310	0.5275	0.8406	0.1261
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.8670	0.0222	0.5217	0.8182	0.1482
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.6471	0.3529	0.6550	0.3014	0.8522
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9440	0.0560	0.9347	0.8654	0.2502
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6709	0.3291	0.6686	0.3328	0.8490
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.9325	0.0675	0.8735	0.7387	0.3708
hiva	0.9598	0.0402	0.5663	0.0917	0.5201
horse	0.6667	0.2222	0.4869	0.3455	0.3368
hotel-reservartions	0.8525	0.1475	0.8284	0.6525	0.5652
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.9544	0.0304	0.9556	0.9314	0.1363
htru2	0.9793	0.0207	0.9351	0.8659	0.1634
hypothyroid	0.9390	0.0305	0.5617	0.4829	0.0730
hypothyroidT	0.9496	0.0504	0.7956	0.4928	0.1391
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9422	0.0044	0.9432	0.9399	0.0535
jm1	0.8145	0.1855	0.6223	0.1445	0.5782
jvowels	0.9900	0.0022	0.9898	0.9886	0.0186
kc1	0.8436	0.1564	0.5819	0.0400	0.4439
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6594	0.2798	0.6895
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.8787	0.0809	0.8372	0.7995	0.2181

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.5244	0.0528	0.4787	0.4658	0.3951
krvskp	0.9843	0.0157	0.9844	0.9686	0.1033
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6332	0.6594	0.0886
led24	0.6000	0.0800	0.5887	0.5518	0.1941
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9390	0.0047	0.9396	0.9365	0.0674
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8611	0.0185	0.8500	0.8507	0.0641
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	1.0000	0.0000	0.9988	0.9976	0.0001
liver	0.8235	0.1765	0.7984	0.5968	0.6488
loan	0.9508	0.0492	0.9475	0.8947	0.2639
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.6129	0.0704	0.3104	0.4932	0.3887
lrs	0.8868	0.0323	0.6505	0.8434	0.0694
lung	0.9048	0.0381	0.7356	0.7971	0.0831
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.5923	0.4077	0.5927	0.1846	0.9330
magic04	0.8732	0.1268	0.8592	0.7080	0.4695
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8225	0.6449	0.6199
marketing	0.9018	0.0982	0.7804	0.5399	0.5135
maternal	0.6436	0.2376	0.6473	0.4507	0.5359
math	0.7500	0.1250	0.7154	0.5980	0.2877
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2133	0.3147	0.1638	0.0069	0.5835
messidor	0.6783	0.3217	0.6792	0.3558	0.8394
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.5849	0.6070	0.2863
meter-D	0.8333	0.0833	0.8282	0.7652	0.2014
mfeat-fac	0.9800	0.0040	0.9807	0.9778	0.0248
mfeat-fou	0.8200	0.0360	0.8235	0.8000	0.1421
mfeat-kar	0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-mor	0.7300	0.0540	0.7322	0.7000	0.1877
mfeat-pix	0.9850	0.0030	0.9852	0.9833	0.0188
mfeat-zer	0.8250	0.0350	0.8288	0.8056	0.0962
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9340	0.0440	0.9259	0.8987	0.1587
mines	0.5000	0.2000	0.4451	0.3745	0.3873
mobile	0.8706	0.0046	0.8766	0.8683	0.0603

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.7377	0.2623	0.7189	0.2907	0.4308
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5106	0.0890	0.5421	0.4025	0.4895
musk	0.9439	0.0561	0.8863	0.7551	0.2519
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7698	0.2302	0.7610	0.5203	0.7208
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.8046	0.1954	0.7980	0.5956	0.6610
MUT_ci300400a_cdk_FCFP6	0.8106	0.1894	0.8057	0.6114	0.6504
MUT_ci300400a_cdk_MACCS	0.8106	0.1894	0.8036	0.6046	0.6425
MUT_ci300400a_cdk_PUBCHEM	0.8539	0.1461	0.8489	0.6970	0.5532
MUT_ci300400a_cdk_STANDARD	0.8323	0.1677	0.8271	0.6540	0.6055
MUT_ci300400a_rdkit_descriptors	0.8358	0.1642	0.8318	0.6634	0.5966
myocardial	0.8765	0.0309	0.2932	0.3396	0.1037
naticusdroid	0.9676	0.0324	0.9678	0.9352	0.1872
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.3333	0.2222	0.2500	0.2000	0.3026
ncRNA1%	0.8956	0.0110	0.3495	0.6843	0.1771
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.9648	0.0352	0.9319	0.8617	0.2430
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.2849	-0.0302	0.5269
nursery	0.9884	0.0058	0.9733	0.9830	0.0253
obesity	0.8341	0.0474	0.8374	0.8064	0.1932
obs	0.8148	0.0926	0.8404	0.7162	0.2509
occupancy	0.9903	0.0097	0.9867	0.9730	0.1155
Occupancy_Estimation	0.9714	0.0143	0.9181	0.9138	0.0949
oh0-wc	0.6337	0.0733	0.6238	0.5672	0.2632
oh10-wc	0.3048	0.1390	0.0986	0.1705	0.3522
oh15-wc	0.0761	0.1848	0.0141	0.0000	0.3996
oh5-wc	0.6374	0.0725	0.6417	0.5822	0.2473
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9804	0.0039	0.9819	0.9782	0.0278
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8763	0.1237	0.8676	0.7323	0.5174
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8730	0.1270	0.8837	0.7486	0.4141
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9616	0.0154	0.6354	0.7501	0.1511
parkinson	0.9583	0.0417	0.9571	0.9140	0.2399

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons	0.8104	0.1896	0.7997	0.5993	0.6579
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.8946	0.1054	0.8677	0.7349	0.4879
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7680	0.5357	0.6714
pediatric-leukemia	0.4706	0.1513	0.4396	0.3571	0.3409
pendigits	0.9936	0.0013	0.9938	0.9929	0.0123
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8076	0.1924	0.7909	0.5770	0.6503
personalities	0.9865	0.0017	0.9865	0.9856	0.0253
pet-adoption	0.9000	0.1000	0.8881	0.7570	0.3198
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.9886	0.0115	0.9883	0.9766	0.0794
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.7328	0.0764	0.7021	0.6869	0.2607
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.7559	0.0697	0.7401	0.7136	0.2536
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.8537	0.1463	0.8188	0.6376	0.5996
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7042	0.3746	0.7278
pirvision	0.9941	0.0039	0.9897	0.9814	0.0439
placement	0.7960	0.2040	0.7891	0.5771	0.6747
plant-growth	0.7368	0.2632	0.7389	0.4751	0.7624
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.5288	0.1346	0.1554	0.0739	0.2687
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.7935	0.2065	0.7708	0.5393	0.6910
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9857	0.0057	0.9856	0.9821	0.0392
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0839	0.3984	0.3895	0.2770
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.8358	0.1642	0.8217	0.6403	0.6134
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.6429	0.3571	0.6774	0.1860	0.4929
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9873	0.0051	0.9821	0.9829	0.0355
puc-rio10%	0.9801	0.0080	0.9695	0.9733	0.0479
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.5333	0.0718	0.3062	0.3362	0.2938
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9859	0.0141	0.9860	0.9717	0.0916
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6299	0.3701	0.6092	0.2168	0.9067
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.9005	0.0332	0.8859	0.8767	0.1449
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9362	0.0638	0.7994	0.5699	0.4108
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5588	0.4412	0.5792	0.1176	0.8239
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9351	0.0186	0.9426	0.9241	0.0780
segmentation	0.8465	0.1535	0.8322	0.6645	0.5881
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-7-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-8-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9667	0.0061	0.9668	0.9633	0.0462
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8954	0.1046	0.7715	0.5088	0.4933
shuttle	0.9976	0.0007	0.7042	0.9932	0.0369
sick	0.9549	0.0451	0.7840	0.4952	0.2687
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9995	0.0005	0.9992	0.9984	0.0092
skin10%	0.9988	0.0012	0.9981	0.9963	0.0155
smarket	0.9440	0.0560	0.9444	0.8878	0.2789
smart-farming	0.2400	0.3800	0.0968	-0.0270	0.4810
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1900	0.3240	0.1930	-0.0160	0.8481
solar-flare	0.7626	0.0791	0.6037	0.6936	0.1863
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9555	0.0445	0.8659	0.7317	0.4433
spambase	0.9130	0.0870	0.9087	0.8171	0.3975
spect	0.7778	0.2222	0.6786	0.3571	0.7720
spectf	0.8857	0.1143	0.8552	0.7021	0.4691
spectrometer	0.6154	0.0285	0.4637	0.5912	0.1308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
splice-EI	0.9716	0.0284	0.9635	0.9263	0.2270
splice-IE	0.9338	0.0662	0.9097	0.8191	0.3954
sport-articles	0.8700	0.1300	0.8614	0.7227	0.5296
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8031	0.1313	0.7620	0.6799	0.3741
steel-b	0.8615	0.1385	0.7797	0.5552	0.6149
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7897	0.2103	0.7610	0.5156	0.6911
steel-p	0.9282	0.0718	0.6941	0.2762	0.3858
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stellar	0.9614	0.0257	0.9565	0.9312	0.1366
stock	0.8681	0.1319	0.7447	0.4462	0.5391
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.9040	0.0960	0.9032	0.8062	0.4232
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6400	0.1440	0.3534	0.3996	0.3945
student-depression	0.8326	0.1674	0.8262	0.6503	0.5971
student-habits	0.3700	0.2520	0.1691	-0.0135	0.4218
student-weekend	0.3692	0.2523	0.1215	0.0337	0.4907
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6923	0.2051	0.5260	0.5000	0.2833
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.6000	0.2667	0.6358	0.4000	0.4719
telco-churn	0.9062	0.0938	0.8769	0.7521	0.4478
texture	0.9964	0.0007	0.9967	0.9960	0.0056
theorem	0.9951	0.0049	0.9950	0.9899	0.0414
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9132	0.0868	0.8813	0.7618	0.4423
tis10%	0.8284	0.1716	0.7621	0.5231	0.6738
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc	0.5122	0.1084	0.2710	0.3360	0.2796
trec12-wc	0.3548	0.1613	0.1168	0.1413	0.3971
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.5714	0.1429	0.3266	0.3127	0.3469
trec31-wc	0.6774	0.1075	0.5629	0.5292	0.2618
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9843	0.0157	0.9758	0.9515	0.1548
turkish	0.8500	0.0750	0.8541	0.8000	0.1732
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews1%	0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%	0.9175	0.0825	0.9126	0.8245	0.3968
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8060	0.0431	0.8235	0.7718	0.1448
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7857	0.1071	0.7543	0.7114	0.2024
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8837	0.1163	0.8950	0.7686	0.3439
vowel	0.6566	0.0624	0.6978	0.6222	0.1753
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.7210	0.0797	0.7136	0.6734	0.3186
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.7224	0.0793	0.7187	0.6755	0.3355
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8460	0.1027	0.8476	0.7690	0.3485
weather-related	0.9692	0.0056	0.9708	0.9651	0.0406
web-phishing	0.8444	0.1037	0.7055	0.7188	0.4329
Weekly	0.9722	0.0278	0.9719	0.9436	0.1670
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9876	0.0124	0.9444	0.8824	0.3522
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6164	0.1279	0.3015	0.3640	0.3463
winequality-white	0.5276	0.1350	0.2464	0.2415	0.4171
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7496	0.7322	0.0687
yeast	0.5338	0.0932	0.3629	0.3922	0.3465
yeastCYT-POX	0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME1	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2	0.9527	0.0473	0.6386	0.2055	0.4689
zip	0.9667	0.0067	0.9640	0.9627	0.0567

Table 487: Detailed results for TSVM

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1847	0.0562	0.0665	0.0855	0.3813
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.6000	0.4000	0.6000	0.2000	0.9288
ads	0.8598	0.1402	0.4623	0.0000	0.2812
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.7619	0.2381	0.4672	-0.0588	0.6265
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9836	0.0164	0.4959	-0.0040	0.4515
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.7143	0.2857	0.4167	-0.1667	0.7987
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.6500	0.3500	0.3939	-0.0938	0.8482
AID644red	0.4000	0.6000	0.3434	-0.3043	0.9574
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	1.0000	0.0000	1.0000	1.0000	0.0000
aids	0.8263	0.1737	0.7408	0.4548	0.6266
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.7238	0.1105	0.3912	0.4167	0.4242
all-aml	0.6667	0.3333	0.4000	0.0000	0.4644
alzheimers	0.8372	0.1628	0.8205	0.6406	0.6085
anneal	0.9775	0.0090	0.9321	0.9539	0.1891
antivirus	0.8108	0.1892	0.4478	0.0000	0.3405
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9235	0.0382	0.8268	0.8587	0.3555
anuran-genus	0.9513	0.0122	0.8728	0.9218	0.3037
anuran-species	0.9736	0.0053	0.9370	0.9635	0.1072
anxiety	0.1083	0.1981	0.1104	-0.0078	0.7547
apple-quality	0.7225	0.2775	0.7260	0.4450	0.7719
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9941	0.0059	0.7718	0.4098	0.0249
arcene	0.6000	0.4000	0.3750	0.0000	0.5000
arrhythmia	0.7556	0.0376	0.5841	0.6084	0.2376
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.8261	0.0145	0.3876	0.7996	0.0387
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.9000	0.0333	0.7554	0.8667	0.0778
avila	0.5204	0.0799	0.3236	0.2527	0.3426
babies	0.4355	0.1613	0.1402	0.0970	0.3740
balance	0.7742	0.1505	0.7871	0.6522	0.3068

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8871	0.1129	0.8810	0.7393	0.3407
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio10%	0.9952	0.0048	0.8695	0.7383	0.4184
biodeg	0.8667	0.1333	0.8625	0.7226	0.5300
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.6239	0.1881	0.6357	0.4985	0.4875
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.6364	0.3636	0.6857	0.2143	0.5000
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.6000	0.1143	0.5853	0.5122	0.1763
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.7471	0.1264	0.7010	0.5627	0.5372
car-insurance	0.8330	0.1670	0.8047	0.6093	0.6328
card	0.8551	0.1449	0.8609	0.7108	0.5158
cardiotocography	0.7371	0.0526	0.7366	0.6849	0.2670
cardiotocography-nsp	0.8498	0.1002	0.7751	0.6293	0.4248
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.6152	0.4688	0.5219
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.7185	0.2815	0.7171	0.4244	0.7748
cas_N6512_RDkit_AtomPair_FP	0.7209	0.2791	0.7218	0.4268	0.7534
cas_N6512_rdkit_AVALON	0.7727	0.2273	0.7729	0.5447	0.7110
cas_N6512_RDkit_Avalon_FP	0.7975	0.2025	0.7991	0.5956	0.6622
cas_N6512_rdkit_descriptors	0.7538	0.2462	0.7518	0.5005	0.7375
cas_N6512_rdkit_FEATMORGAN	0.7404	0.2596	0.7406	0.4802	0.7623
cas_N6512_RDkit_Featmorgan_FP	0.7546	0.2454	0.7539	0.5075	0.7430
cas_N6512_RDkit_FP	0.7239	0.2761	0.7223	0.4446	0.7898
cas_N6512_rdkit_LAYERED	0.7585	0.2415	0.7580	0.5155	0.7363
cas_N6512_RDkit_Layered_FP	0.7500	0.2500	0.7479	0.4955	0.7506
cas_N6512_rdkit_MACCS	0.7619	0.2381	0.7601	0.5201	0.7322
cas_N6512_RDkit_MACCS_FP	0.7653	0.2347	0.7674	0.5318	0.7169
cas_N6512_rdkit_MORGAN	0.7415	0.2585	0.7397	0.4793	0.7642
cas_N6512_RDkit_morgan_FP	0.7730	0.2270	0.7717	0.5433	0.7139
cas_N6512_rdkit_PATTERN	0.7938	0.2062	0.7931	0.5860	0.6766
cas_N6512_RDkit_pattern_FP	0.7761	0.2239	0.7759	0.5512	0.7064
cas_N6512_rdkit_RDKITFP	0.7266	0.2734	0.7258	0.4513	0.7850
cas_N6512_rdkit_TORSION	0.7338	0.2662	0.7319	0.4636	0.7756
ccds1%	0.9313	0.0687	0.5193	0.0385	0.6267
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7617	0.2383	0.7467	0.4914	0.7410
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8094	0.5869	0.3207
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.4871	-0.0029	0.2827
CDS49_AID687_Rdkit-ecfp4-fp	0.9313	0.0687	0.4822	-0.0047	0.0620
census10%	0.9438	0.0561	0.6865	0.1096	0.1481
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
children-anemia	0.7854	0.1073	0.8205	0.6861	0.2754
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.5106	0.4112	0.5128
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.7000	0.3000	0.6427	0.2405	0.7630
clave	0.7778	0.1111	0.5669	0.6633	0.3258
climate	0.9259	0.0741	0.8421	0.6301	0.5283
cll_sub_111	0.5833	0.2778	0.6637	0.3333	0.3922
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4694	0.3537	0.3551	0.0926	0.5466
cnae-9	0.9259	0.0165	0.9307	0.9167	0.0793
codon_usage	0.8611	0.0253	0.7152	0.8308	0.2329
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.5600	0.0587	0.4466	0.5173	0.2351
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6207	0.3793	0.5499	0.0963	0.9266
colposcopies-2	0.5862	0.4138	0.3696	-0.0675	0.7923
colposcopies-3	0.6207	0.3793	0.5943	0.1212	0.7498
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6552	0.3448	0.6810	0.2961	0.7083
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8387	0.1613	0.8565	0.6737	0.4644
column-3c	0.6129	0.2581	0.6332	0.4142	0.5250
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
cottonmeloidogyne	0.7740	0.2260	0.7742	0.5478	0.7090
coupon	0.6774	0.3226	0.6697	0.3030	0.7751
covtypeCD	0.9369	0.0631	0.8637	0.7271	0.4567
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.8986	0.0338	0.6918	0.7810	0.2061
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.6250	0.0187	0.4595	0.6137	0.0547
cybersecurity	0.1767	0.2744	0.0848	0.0000	0.5120
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.5741	0.4259	0.3647	0.0000	0.5103
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1018	0.1796	0.0347	-0.0004	0.4262
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8125	0.1250	0.8452	0.7108	0.2409
DIA	0.7667	0.2333	0.6889	0.3778	0.7765
diabetes	0.8269	0.1731	0.8520	0.6628	0.4490

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5305	0.3130	0.3730	0.0718	0.6710
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.8167	0.0917	0.8410	0.7571	0.1764
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.4167	-0.1538	0.9932
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5728	0.4272	0.5872	0.1084	0.7553
drebin	0.9694	0.0306	0.9675	0.9348	0.1983
dropout	0.7494	0.1670	0.6553	0.5677	0.4318
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.1671	0.2515	0.3688
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6223	0.1079	0.1740	0.2187	0.3189
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1368	0.0979	0.0000	0.2706
drug-17	0.3723	0.1793	0.1341	0.1079	0.4290
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9280	0.0206	0.9393	0.9128	0.1169
ecoli	0.8824	0.0294	0.5702	0.8381	0.1065
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.8012	0.5769	0.6201
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2500	0.3750	0.2494	-0.0003	0.8348
eeg	0.3389	0.0826	0.4030	0.2618	0.5378
eeg-eye	0.6115	0.3885	0.6005	0.1817	0.8763
eeg10%	0.1557	0.1055	0.0683	0.0213	0.4147
eucalyptus	0.6164	0.1534	0.5890	0.5125	0.4208
euthyroid	0.8766	0.1234	0.7910	0.5269	0.5723
exon.vs.intron-freq10%	0.8768	0.1232	0.8859	0.7555	0.4168
fakenews	0.5075	0.4925	0.6028	0.0051	0.5275
farm-ads	0.5072	0.4928	0.4140	-0.0500	0.7933
fbis-wc	0.7927	0.0244	0.7301	0.7652	0.2423
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8627	0.1373	0.8624	0.7196	0.5076
financial-risk	0.8060	0.0647	0.6422	0.6878	0.2947
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.4500	0.1375	0.4038	0.3491	0.2847
fonts10%	0.3948	0.0079	0.1740	0.3689	0.8410
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9907	0.0031	0.9904	0.9887	0.0241
gastrointestinal	0.7500	0.1667	0.7389	0.5949	0.4706

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.8139	0.1241	0.8203	0.7154	0.3658
german	0.7100	0.2900	0.6608	0.2487	0.6879
gestures	0.2851	0.3574	0.2388	0.0464	0.7032
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7619	0.0794	0.7344	0.6613	0.1875
glass-g2	0.6250	0.3750	0.5517	0.0769	0.8465
glassBWFP	0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP	0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.8182	0.1818	0.7215	0.2787	0.3900
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.3750	-0.1765	0.9528
grub-damage	0.6000	0.2000	0.5958	0.4578	0.4065
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9707	0.0049	0.9010	0.9654	0.0306
har	0.7615	0.0954	0.7606	0.6982	0.3569
har701%	0.8726	0.0364	0.5252	0.8173	0.1773
hayes-roth	0.3125	0.4583	0.3765	-0.0732	0.6346
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.8440	0.1560	0.8144	0.6263	0.5989
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6618	0.3382	0.6599	0.3117	0.8507
higher	0.1429	0.2143	0.0952	0.0233	0.4025
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8971	0.1029	0.8535	0.6887	0.5388
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.5680	0.3014	0.6405
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9788	0.0212	0.9335	0.8643	0.1995
hypothyroid	0.9735	0.0133	0.6659	0.8353	0.1856
hypothyroidT	0.9310	0.0690	0.7021	0.1756	0.1727
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9380	0.0310	0.9406	0.9173	0.1139
ionosphere	0.8571	0.1429	0.8374	0.6220	0.3213
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9204	0.0061	0.9210	0.9172	0.0724
jm1	0.8072	0.1928	0.6457	0.0076	0.3447
jvowels	0.9438	0.0125	0.9405	0.9363	0.0878

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.4000	0.6000	0.4380	-0.0976	0.9426
kc1-class-level-numericdefect	0.5000	0.0417	0.0324	0.1404	0.1216
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.5420	0.0574	0.7533
kdc-4007	0.7581	0.0605	0.6710	0.7179	0.3032
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.8201	0.1199	0.7866	0.7023	0.1908
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.2770	0.0803	0.1715	0.1700	0.5072
krvskp	0.9561	0.0439	0.9564	0.9122	0.2373
la1s-wc	0.8032	0.0656	0.7886	0.7576	0.3263
la2s-wc	0.8046	0.0651	0.7952	0.7575	0.3286
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.7059	0.0147	0.3975	0.6912	0.0611
led24	0.5000	0.1000	0.5145	0.4398	0.2276
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8155	0.0142	0.8177	0.8080	0.1890
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.9444	0.0074	0.9583	0.9403	0.0273
liver	0.8235	0.1765	0.7914	0.5768	0.6309
loan	0.9438	0.0562	0.9437	0.8832	0.2859
localization10%	0.6820	0.0578	0.4362	0.5922	0.3845
lrs	0.8491	0.0302	0.4406	0.7895	0.0997
lung	0.9524	0.0190	0.9588	0.9139	0.1179
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9409	0.9034	0.1321
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.6342	0.6147	0.2542
lymphoma2	0.8889	0.0247	0.6525	0.8594	0.0000
machine-failure	0.9149	0.0851	0.9152	0.8273	0.3841
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.7549	0.2451	0.7242	0.3821	0.6126
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8340	0.6627	0.5779
marketing	0.8661	0.1339	0.6686	0.1787	0.4084
maternal	0.6238	0.2508	0.6356	0.4126	0.5093
math	0.8000	0.1000	0.7600	0.6995	0.3346
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2167	0.3133	0.1222	0.0124	0.4328
messidor	0.6609	0.3391	0.7075	0.3561	0.6958
meter-A	0.2500	0.7500	0.2000	-0.2632	0.9308
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.8711	0.8435	0.1146
meter-D	0.8333	0.0833	0.6707	0.7632	0.1669
mfeat-fac	0.9900	0.0020	0.9901	0.9889	0.0126
mfeat-fou	0.8650	0.0270	0.8691	0.8500	0.1247
mfeat-kar	0.9700	0.0060	0.9707	0.9667	0.0378
mfeat-mor	0.7500	0.0500	0.7296	0.7222	0.1566
mfeat-pix	0.9600	0.0080	0.9619	0.9556	0.0476

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-zer	0.8250	0.0350	0.8320	0.8056	0.1125
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.7547	0.1635	0.7936	0.6408	0.2912
mines	0.4706	0.2118	0.4315	0.3326	0.4595
mobile	0.8147	0.0066	0.8178	0.8113	0.0873
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4422	0.1014	0.4568	0.3031	0.4969
musk	0.9424	0.0576	0.8831	0.7473	0.2554
MUT_ci300400a_cdk_ECFP2	0.5288	0.4712	0.4826	-0.0317	0.9780
MUT_ci300400a_cdk_ECFP4	0.7916	0.2084	0.7859	0.5717	0.6862
MUT_ci300400a_cdk_ECFP6	0.7593	0.2407	0.7520	0.5038	0.7413
MUT_ci300400a_cdk_ESTATE	0.6451	0.3549	0.6303	0.1932	0.7419
MUT_ci300400a_cdk_EXTENDED	0.7902	0.2098	0.7858	0.5711	0.6873
MUT_ci300400a_cdk_FCFP2	0.7844	0.2156	0.7778	0.5555	0.6991
MUT_ci300400a_cdk_FCFP4	0.7842	0.2158	0.7773	0.5544	0.6993
MUT_ci300400a_cdk_FCFP6	0.8010	0.1990	0.7986	0.5957	0.6637
MUT_ci300400a_cdk_MACCS	0.7614	0.2386	0.7532	0.5059	0.7375
MUT_ci300400a_cdk_PUBCHEM	0.8347	0.1653	0.8293	0.6584	0.5996
MUT_ci300400a_cdk_STANDARD	0.7880	0.2120	0.7840	0.5673	0.6904
MUT_ci300400a_rdkit_descriptors	0.7807	0.2193	0.7752	0.5504	0.7042
myocardial	0.7118	0.0721	0.2715	0.2514	0.6561
naticusdroid	0.9427	0.0573	0.9440	0.8854	0.2710
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0370	0.5556	0.8065	0.0000
ncRNA1%	0.8793	0.0127	0.2306	0.6174	0.1450
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.6985	0.0137	0.7064	0.6894	0.2530
newspop	0.5590	0.4410	0.5851	0.0639	0.6479
NHANES_age_prediction	0.8590	0.1410	0.8336	0.6118	0.5232
nomao	0.9457	0.0543	0.9335	0.8670	0.3172
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.8673	0.0531	0.6573	0.8117	0.1654
obesity	0.9005	0.0284	0.9046	0.8838	0.1137
obs	0.8241	0.0880	0.8589	0.7335	0.2403
occupancy	0.9869	0.0131	0.9822	0.9638	0.1431
Occupancy_Estimation	0.9911	0.0044	0.9717	0.9730	0.0436
oh0-wc	0.8713	0.0257	0.8790	0.8538	0.1155
oh10-wc	0.7333	0.0533	0.7156	0.6974	0.2604
oh15-wc	0.6739	0.0652	0.6505	0.6314	0.2950
oh5-wc	0.8022	0.0396	0.7995	0.7778	0.1980
ohscal-wc	0.6595	0.0681	0.6422	0.6192	0.4212
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
optdigits	0.9662	0.0068	0.9680	0.9624	0.0473
optdigitsZ	0.9947	0.0053	0.9837	0.9674	0.1218
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9924	0.0076	0.6885	0.3648	0.5377

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9616	0.0154	0.7700	0.7760	0.2911
parkinson	0.9750	0.0250	0.9750	0.9487	0.1507
parkinsons	0.7867	0.2133	0.7864	0.5650	0.6762
parkinsons-small	0.7368	0.2632	0.4242	0.0000	0.4125
particle10%	0.8723	0.1277	0.8352	0.6569	0.4938
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.8529	0.0420	0.8496	0.8211	0.1528
pendigits	0.9645	0.0071	0.9650	0.9605	0.0546
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.8047	0.1953	0.7876	0.5699	0.6550
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9050	0.0950	0.8926	0.7720	0.3441
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
PhiUSIIL10%	0.9996	0.0004	0.9996	0.9991	0.0054
phone-acc0.1%	0.7320	0.0766	0.7200	0.6867	0.2978
phone-acc1%	0.6437	0.1018	0.6111	0.5825	0.2895
phone-gyr0.1%	0.7466	0.0724	0.7306	0.7033	0.2977
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7185	0.2815	0.6347	0.0093	0.4279
phy	0.6970	0.3030	0.7039	0.3931	0.7866
pima	0.6842	0.3158	0.6609	0.2621	0.7280
pirvision	0.9562	0.0292	0.9198	0.8474	0.0865
placement	0.7940	0.2060	0.7897	0.5791	0.6805
plant-growth	0.8421	0.1579	0.8444	0.6851	0.5655
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4859	0.1028	0.0937	-0.0121	0.2511
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
polya	0.7870	0.2130	0.7670	0.5338	0.7070
popularity	0.6313	0.2458	0.2580	0.0000	0.2921
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8041	0.0784	0.8144	0.7552	0.2520
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6331	0.2059	0.7633
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0496	0.2432	0.4066	0.1957
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.4000	0.6000	0.2857	0.0000	0.5239
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio10%	0.9644	0.0142	0.9444	0.9520	0.0728
pufs-1281%	0.5067	0.4933	0.5067	0.0133	0.9957
pufs-641%	0.4946	0.5054	0.4935	-0.0112	0.9612
pulsar	0.9641	0.0359	0.8846	0.7436	0.1486
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
rcv11%	0.7556	0.0092	0.4302	0.7335	0.4707
re0-wc	0.6533	0.0533	0.6528	0.5711	0.5059
re1-wc	0.6627	0.0270	0.5637	0.6247	0.3319
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.5423	0.4577	0.3516	0.0000	0.5201

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
reuters21578	0.7434	0.0107	0.4721	0.6707	1.0000
rice	0.9863	0.0137	0.9861	0.9722	0.0986
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.5922	0.4078	0.3719	0.0000	0.5033
satimage	0.8569	0.0477	0.8247	0.8226	0.1955
satimageF	0.9829	0.0171	0.9552	0.9101	0.1937
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.0816	0.3896	0.6111	0.0825
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5294	0.4706	0.5587	0.0588	0.7405
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9556	0.9392	0.0611
segmentation	0.8069	0.1931	0.7878	0.5752	0.6703
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.8994	0.1006	0.4735	0.0000	0.2246
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sens-8-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-9-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sensorless	0.9123	0.0159	0.9132	0.9035	0.0909
shoppers	0.8637	0.1363	0.6798	0.2183	0.4283
sick	0.9151	0.0849	0.7565	0.4863	0.5982
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9252	0.0748	0.8913	0.7811	0.4503
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.1000	0.4500	0.0989	-0.2006	0.9112
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
soil_pollution	0.1767	0.3293	0.1529	-0.0359	0.7555
solar-flare	0.7194	0.0935	0.6099	0.6454	0.2670
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9450	0.0550	0.8185	0.6271	0.4452
spambase	0.9087	0.0913	0.9047	0.8094	0.4168
spect	0.7037	0.2963	0.6196	0.2340	0.8108
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.5283	0.0197	0.2365	0.5024	0.1005
splice-EI	0.8801	0.1199	0.8775	0.7255	0.4570
splice-IE	0.7918	0.2082	0.8049	0.5515	0.5582
sport-articles	0.8100	0.1900	0.7916	0.5759	0.6397
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7503	0.1665	0.6907	0.5902	0.4708
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9949	0.0051	0.9921	0.9841	0.0266
steel-o	0.7333	0.2667	0.6963	0.3091	0.6210
steel-p	0.9128	0.0872	0.6274	0.2220	0.6096
steel-s	0.9846	0.0154	0.8934	0.7617	0.0555

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-z	0.9590	0.0410	0.9028	0.7955	0.4463
stock	0.9028	0.0972	0.8206	0.6135	0.4217
stockb	0.9427	0.0382	0.9467	0.9141	0.0961
streaming	0.8060	0.1940	0.8057	0.6102	0.6520
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6350	0.1460	0.2816	0.3754	0.3178
student-depression	0.8333	0.1667	0.8270	0.6520	0.5961
student-habits	0.3900	0.2440	0.1905	0.0168	0.3335
student-weekend	0.3538	0.2585	0.2293	0.0912	0.6325
student-workday	0.6719	0.1313	0.1638	0.0317	0.5067
studentap	0.4615	0.3590	0.4598	0.1727	0.7242
susy1%	0.6622	0.3378	0.7041	0.2792	0.5350
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4000	0.4000	0.3964	0.1000	0.7207
telco-churn	0.8977	0.1023	0.8677	0.7351	0.4896
texture	1.0000	0.0000	1.0000	1.0000	0.0000
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9132	0.0868	0.8865	0.7722	0.4615
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.0833	0.4375	0.6364	0.0941
tox_171	1.0000	0.0000	1.0000	1.0000	0.0000
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.7317	0.0596	0.6198	0.6730	0.2746
trec12-wc	0.8710	0.0323	0.8897	0.8432	0.0953
trec21-wc	0.8788	0.0404	0.5890	0.7672	0.3293
trec23-wc	0.7143	0.0952	0.7780	0.6379	0.2883
trec31-wc	0.8817	0.0338	0.7514	0.8437	0.2327
trec41-wc	0.8636	0.0273	0.7495	0.8350	0.1971
trec45-wc	0.8116	0.0377	0.7362	0.7792	0.1693
tuandromd	0.9798	0.0202	0.9696	0.9386	0.2027
turkish	0.8000	0.1000	0.8129	0.7333	0.2262
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.8951	0.1049	0.8879	0.7757	0.4635
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7612	0.0531	0.8002	0.7208	0.1811
urinalysis	0.9441	0.0559	0.7030	0.3998	0.5822
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7500	0.1250	0.7287	0.6664	0.2137
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5859	0.0753	0.6280	0.5444	0.2209
vowelZ	0.9192	0.0808	0.8495	0.6508	0.5232
wap-wc	0.8269	0.0173	0.7758	0.8080	0.1422
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.6586	0.0976	0.6459	0.5997	0.3613

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
watch-gyr1%	0.5733	0.1219	0.5518	0.4993	0.3462
water_pollution	0.2633	0.3683	0.1877	0.0048	0.4490
waveform	0.8440	0.1040	0.8455	0.7660	0.3488
weather-related	0.9731	0.0049	0.9753	0.9695	0.0366
web-phishing	0.8074	0.1284	0.5593	0.6400	0.4094
Weekly	0.9630	0.0370	0.9635	0.9244	0.1598
weight-lift	0.9001	0.0399	0.8967	0.8734	0.1631
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9800	0.0100	0.9807	0.9733	0.0350
wilt	0.9731	0.0269	0.8724	0.7406	0.4687
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5723	0.1426	0.2107	0.2748	0.3291
winequality-white	0.4806	0.1484	0.1579	0.0791	0.2988
winnipeg10%	0.9902	0.0028	0.9923	0.9876	0.0204
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.7500	0.0333	0.6600	0.7311	0.0549
yeast	0.4865	0.1027	0.3544	0.3529	0.4415
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9430	0.0114	0.9386	0.9361	0.0905

Table 488: Detailed results for VBCARD

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1727	0.0571	0.0714	0.0834	0.4411
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9806	0.0194	0.5338	0.0275	0.3805
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9634	0.0366	0.9213	0.8297	0.1164
adult	0.8466	0.1534	0.7754	0.5451	0.6277
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8451	0.1549	0.7730	0.5280	0.5940
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8512	0.1488	0.5922	0.0233	0.3658
airline	0.8744	0.1256	0.8719	0.7435	0.5028
alcohol	0.7524	0.0990	0.2986	0.3933	0.2715
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8558	0.1442	0.8418	0.6836	0.5675
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9332	0.0334	0.6777	0.8703	0.1688
anuran-genus	0.9527	0.0118	0.8869	0.9215	0.1423
anuran-species	0.9542	0.0092	0.9069	0.9359	0.0777
anxiety	0.1000	0.2000	0.0916	-0.0159	0.8002
apple-quality	0.7025	0.2975	0.7034	0.4050	0.8130
aps-failure	0.9904	0.0096	0.8501	0.6923	0.3268
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9923	0.0077	0.6519	0.1320	0.1934
arabidopsis10%	0.9920	0.0080	0.6139	0.0417	0.1341
arcene	0.6500	0.3500	0.6284	0.2553	0.8874

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.8000	0.0400	0.7150	0.6702	0.2539
auction	0.9020	0.0980	0.7385	0.4276	0.4934
audiology	0.8696	0.0109	0.4010	0.8510	0.0208
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0500	0.7275	0.8000	0.1260
avila	0.5338	0.0777	0.3049	0.2873	0.3288
babies	0.4194	0.1659	0.1360	0.0774	0.4462
balance	0.8710	0.0860	0.6007	0.7578	0.2255
bank	0.9111	0.0889	0.7496	0.4870	0.5667
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8986	0.1014	0.8892	0.7742	0.4205
basehock	0.9397	0.0603	0.9397	0.8794	0.3046
bio	0.9970	0.0030	0.9069	0.8021	0.1168
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5888	0.2056	0.5785	0.4517	0.5204
bookings	0.9899	0.0067	0.7529	0.9786	0.0440
brain-tumor	0.5055	0.4945	0.5054	0.0108	0.9960
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.9000	0.0286	0.6767	0.8571	0.0295
bub10at310k-hg16-17	0.9094	0.0906	0.6576	0.0057	0.2088
bub12at310k-hg16-17	0.9094	0.0906	0.6325	0.0074	0.2190
bub8at310k-hg16-17	0.9100	0.0900	0.6506	0.0192	0.2174
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8448	0.0776	0.6089	0.6665	0.3553
car-insurance	0.8410	0.1590	0.8116	0.6221	0.6111
card	0.9130	0.0870	0.9123	0.8232	0.3960
cardiotocography	0.7934	0.0413	0.7087	0.7495	0.2011
cardiotocography-nsp	0.8967	0.0689	0.8269	0.7081	0.2888
cardiovascular	0.7196	0.2804	0.7203	0.4392	0.7909
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5906	0.4533	0.5780
cas_N6512_cdk_ECFP2	0.7404	0.2596	0.7386	0.4772	0.7660
cas_N6512_rdkit_ATOMPAIR	0.7108	0.2892	0.7086	0.4170	0.8080
cas_N6512_RDkit_AtomPair_FP	0.7439	0.2561	0.7415	0.4816	0.7576
cas_N6512_rdkit_AVALON	0.7696	0.2304	0.7685	0.5370	0.7193
cas_N6512_RDkit_Avalon_FP	0.7868	0.2132	0.7858	0.5716	0.6896
cas_N6512_rdkit_descriptors	0.7523	0.2477	0.7509	0.5018	0.7476
cas_N6512_rdkit_FEATMORGAN	0.7527	0.2473	0.7506	0.5008	0.7464
cas_N6512_RDkit_Featmorgan_FP	0.7439	0.2561	0.7420	0.4838	0.7606
cas_N6512_RDkit_FP	0.7362	0.2638	0.7340	0.4678	0.7718
cas_N6512_rdkit_LAYERED	0.7523	0.2477	0.7520	0.5034	0.7456
cas_N6512_RDkit_Layered_FP	0.7745	0.2255	0.7727	0.5446	0.7094
cas_N6512_rdkit_MACCS	0.7680	0.2320	0.7663	0.5290	0.7129

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7531	0.2469	0.7521	0.5040	0.7459
cas_N6512_rdkit_MORGAN	0.7692	0.2308	0.7674	0.5344	0.7195
cas_N6512_RDkit_morgan_FP	0.7761	0.2239	0.7749	0.5497	0.7086
cas_N6512_rdkit_PATTERN	0.7723	0.2277	0.7708	0.5417	0.7151
cas_N6512_RDkit_pattern_FP	0.7761	0.2239	0.7750	0.5499	0.7085
cas_N6512_rdkit_RDKITFP	0.7450	0.2550	0.7434	0.4869	0.7589
cas_N6512_rdkit_TORSION	0.7246	0.2754	0.7227	0.4453	0.7890
ccds1%	0.9451	0.0549	0.5713	0.1391	0.6285
ccds10%	0.9641	0.0359	0.6886	0.3327	0.4717
cdc_diabetes	0.8486	0.1009	0.4249	0.2041	0.3249
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8031	0.1969	0.7874	0.5743	0.6770
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6744	0.0561	0.1301
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9520	0.0480	0.7613	0.4907	0.4387
census10%	0.9549	0.0451	0.7580	0.4736	0.4086
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8349	0.0826	0.6290	0.7477	0.2080
chrom19	0.9991	0.0009	0.6297	0.0244	0.0500
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	-0.0001	0.2293
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8150	0.1850	0.6546	0.2408	0.6286
churn-bigml	0.8801	0.1198	0.7106	0.3551	0.5173
ci900367j_MACCS	0.7579	0.2421	0.7373	0.4713	0.7459
circles	0.6490	0.0070	0.6784	0.6455	0.0895
cirrhosis	0.8333	0.1111	0.5683	0.6644	0.2997
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7704	0.1148	0.4942	0.6232	0.3001
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4762	0.3492	0.4428	0.1645	0.7594
cnae-9	0.9537	0.0103	0.9551	0.9479	0.0519
codon_usage	0.8619	0.0251	0.6831	0.8314	0.2031
coil20	0.9861	0.0014	0.9874	0.9854	0.0099
college	0.8961	0.1039	0.8736	0.7457	0.4983
collins	0.7000	0.0400	0.6379	0.6646	0.1535
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.8276	0.1724	0.8209	0.6402	0.6102
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7668	0.2332	0.7675	0.5339	0.7199

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
coupon	0.6853	0.3147	0.6758	0.3498	0.8417
covid19	0.5361	0.1326	0.2160	0.1607	0.3340
covtype	0.7151	0.0814	0.5077	0.5315	0.3816
covtype10%	0.7112	0.0825	0.5100	0.5240	0.3939
covtypeCD	0.9463	0.0537	0.8805	0.7577	0.3777
covtypeT	0.9426	0.0574	0.7435	0.4700	0.5187
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9993	0.0007	0.8933	0.7761	0.1736
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8811	0.0396	0.6527	0.7459	0.2752
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.2500	0.0375	0.1793	0.2305	0.1094
customer-churn	0.9794	0.0206	0.6035	0.0359	0.1748
cybersecurity	0.1533	0.2822	0.1564	-0.0204	0.8770
cyclopentane	0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands	0.7222	0.2778	0.7145	0.4288	0.7957
darwin	0.7778	0.2222	0.8105	0.5556	0.4472
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1020	0.1796	0.1013	0.0018	0.9091
dbworld	0.7143	0.2857	0.7083	0.4167	0.8058
default	0.8147	0.1853	0.6859	0.3008	0.5989
defect	0.8920	0.1080	0.7721	0.4824	0.4182
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9016	0.0984	0.7206	0.4171	0.5750
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.8750	0.0833	0.9106	0.7838	0.2032
dexter	0.8333	0.1667	0.8363	0.6667	0.5754
df_final	0.6250	0.2500	0.6863	0.4074	0.3366
DIA	0.7833	0.2167	0.6723	0.3158	0.7212
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9563	0.0437	0.8446	0.6752	0.3597
diabetes-risk	0.8521	0.1479	0.7531	0.4922	0.6210
diabetic	0.5786	0.2810	0.4422	0.1635	0.5423
diabetic1%	0.5490	0.3007	0.3483	0.0796	0.5162
diabetic10%	0.5697	0.2868	0.3725	0.1444	0.5418
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.6509	0.1396	0.5332	0.4864	0.4147
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.6667	0.3333	0.6690	0.3333	0.8453
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9973	0.0027	0.6696	0.0143	0.0130
dota2	0.6003	0.3997	0.5970	0.1923	0.9261
dota210%	0.5689	0.4311	0.5653	0.1298	0.9534
drebin	0.9727	0.0273	0.9708	0.9415	0.1774
dropout	0.7675	0.1550	0.6805	0.6045	0.4518
drug-01	0.4096	0.1687	0.1920	0.0459	0.4038
drug-02	0.5213	0.1368	0.2075	0.0956	0.4535
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5160	0.1383	0.1883	0.0640	0.4397
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2418	0.2686	0.4775
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5585	0.1261	0.1804	0.0174	0.2614

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5532	0.1277	0.1501	0.1199	0.3514
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1718	0.2228	0.3713
drug-14	0.6011	0.1140	0.2882	0.2552	0.3949
drug-15	0.7553	0.0699	0.1237	0.0222	0.2430
drug-16	0.5904	0.1170	0.2442	0.2886	0.3758
drug-17	0.3670	0.1809	0.1771	0.1173	0.4921
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7606	0.0684	0.1234	-0.0134	0.2600
drybean	0.9229	0.0220	0.9346	0.9067	0.1270
ecoli	0.8529	0.0368	0.5305	0.7934	0.1198
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2147	-0.0522	0.8744
eeg	0.3780	0.0777	0.4010	0.3070	0.5983
eeg-eye	0.6495	0.3505	0.6415	0.2756	0.8694
eeg10%	0.3604	0.0799	0.3833	0.2877	0.5795
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.5753	0.1699	0.5231	0.4483	0.4348
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq	0.8955	0.1045	0.8967	0.7912	0.4364
exon.vs.intron-freq10%	0.8908	0.1092	0.8914	0.7816	0.4540
fakenews	0.5475	0.4525	0.5474	0.0948	0.9702
farm-ads	0.8841	0.1159	0.8839	0.7660	0.4671
fbis-wc	0.8008	0.0234	0.7303	0.7734	0.1831
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.7590	0.0803	0.4908	0.5895	0.2878
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.6500	0.1000	0.4140	0.5541	0.2276
forest	0.9615	0.0192	0.9578	0.9470	0.0611
gas	0.9907	0.0031	0.9904	0.9887	0.0259
gastrointestinal	1.0000	0.0000	1.0000	1.0000	0.0000
gender	0.6021	0.2653	0.3807	0.1449	0.5100
gene	0.9274	0.0484	0.9185	0.8844	0.2084
german	0.7100	0.2900	0.6585	0.2927	0.7913
gestures	0.3562	0.3219	0.3568	0.1415	0.7794
gina	0.8934	0.1066	0.8933	0.7866	0.4509
gisette	0.9657	0.0343	0.9657	0.9314	0.2003
glass	0.5714	0.1429	0.4347	0.3803	0.3535
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.7619	0.2381	0.7419	0.4560	0.6789
glassBWNFP	0.6667	0.3333	0.4000	0.0000	0.4644
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.5202	0.2638	0.5752
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9607	0.0066	0.8696	0.9535	0.0602
har	0.7396	0.1042	0.7286	0.6693	0.4052
har70	0.7590	0.0689	0.4165	0.6109	0.1900
har701%	0.7611	0.0683	0.4244	0.6140	0.1805
har7010%	0.7588	0.0689	0.4149	0.6106	0.1905
harth	0.6580	0.0570	0.2281	0.5052	0.2291
harth1%	0.6575	0.0571	0.2275	0.5051	0.2265
harth10%	0.6570	0.0572	0.2293	0.5039	0.2305
hayes-roth	0.4375	0.3750	0.4609	0.1000	0.6085
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.9032	0.0968	0.9038	0.8058	0.4189
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8340	0.1660	0.8057	0.6113	0.6299
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hepmass	0.8365	0.1635	0.8365	0.6729	0.5908
hepmass1%	0.8367	0.1633	0.8367	0.6733	0.5903
hepmass10%	0.8359	0.1641	0.8358	0.6717	0.5920
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.6421	0.3579	0.6390	0.2738	0.8810
higgs0.1%	0.6673	0.3327	0.6647	0.3265	0.8563
higgs1%	0.6410	0.3590	0.6379	0.2700	0.8785
higgs10%	0.6421	0.3579	0.6393	0.2740	0.8798
higher	0.2143	0.1964	0.1509	0.0494	0.4015
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9309	0.0691	0.8754	0.7505	0.4416
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6667	0.2222	0.6052	0.3958	0.5400
hotel-reservartions	0.8255	0.1745	0.7966	0.5898	0.6328
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.5725	0.2850	0.5751	0.3580	0.6564
ht-sensor10%	0.5541	0.2972	0.5564	0.3309	0.6759
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9416	0.0292	0.5755	0.5574	0.1773
hypothyroidT	0.9708	0.0292	0.8890	0.7513	0.0934
ilpd	0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9413	0.0293	0.9422	0.9218	0.1177
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9217	0.0060	0.9229	0.9186	0.0741
jm1	0.8191	0.1809	0.6389	0.1635	0.5448
jvowels	0.9398	0.0134	0.9357	0.9317	0.0930
kc1	0.8626	0.1374	0.6845	0.3196	0.5977
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.7556	0.0698	0.7603	0.7148	0.3407
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9466	0.0534	0.4863	-0.0040	0.3215

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kddcup991%	0.9976	0.0004	0.8172	0.9959	0.0182
kddcup9910%	0.9985	0.0002	0.7494	0.9975	0.0435
kepler	0.8598	0.0934	0.8104	0.7683	0.2275
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.2806	0.0799	0.1875	0.1763	0.5243
krvskp	0.9749	0.0251	0.9750	0.9498	0.1553
la1s-wc	0.8762	0.0413	0.8522	0.8442	0.2348
la2s-wc	0.8775	0.0408	0.8632	0.8457	0.2205
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0118	0.4625	0.7538	0.0477
led24	0.6500	0.0700	0.6322	0.6034	0.1506
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.7100	0.0223	0.7079	0.6983	0.2761
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8056	0.0259	0.8332	0.7914	0.0921
linkage	0.9999	0.0001	0.9901	0.9800	0.0039
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9999	0.0001	0.9952	0.9903	0.0005
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9087	0.0913	0.9021	0.8034	0.4094
localization10%	0.4035	0.1085	0.1689	0.1684	0.4934
lrs	0.8868	0.0226	0.5757	0.8424	0.0723
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.7500	0.0714	0.6050	0.6923	0.0610
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.6562	0.6348	0.1754
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.6038	0.3962	0.6042	0.2077	0.9232
magic04	0.7827	0.2173	0.7534	0.4988	0.6999
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.9062	0.0938	0.7888	0.5404	0.4428
maternal	0.6238	0.2508	0.6308	0.4190	0.5651
math	0.8000	0.1000	0.8070	0.6878	0.2427
mba	0.8210	0.1194	0.3762	0.0967	0.3827
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2100	0.3160	0.2191	0.0089	0.8310
messidor	0.7304	0.2696	0.7298	0.4578	0.7758
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8889	0.0556	0.9183	0.8468	0.1413
meter-D	0.8333	0.0833	0.6813	0.7642	0.1404
mfeat-fac	0.9850	0.0030	0.9854	0.9833	0.0190
mfeat-fou	0.8150	0.0370	0.8173	0.7944	0.1530
mfeat-kar	0.9750	0.0050	0.9755	0.9722	0.0314
mfeat-mor	0.7100	0.0580	0.7093	0.6778	0.2213
mfeat-pix	0.9650	0.0070	0.9659	0.9611	0.0389
mfeat-zer	0.8250	0.0350	0.8284	0.8056	0.0993
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8868	0.0755	0.8903	0.8293	0.2463

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mines	0.4706	0.2118	0.3892	0.3348	0.4078
mobile	0.7657	0.0084	0.7764	0.7615	0.1116
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.7143	0.2857	0.7139	0.4278	0.8023
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4800	0.0945	0.4695	0.3663	0.5399
musk	0.9394	0.0606	0.8765	0.7315	0.2623
MUT_ci300400a_cdk_ECFP2	0.7794	0.2206	0.7722	0.5441	0.7076
MUT_ci300400a_cdk_ECFP4	0.7856	0.2144	0.7791	0.5581	0.6970
MUT_ci300400a_cdk_ECFP6	0.7796	0.2204	0.7713	0.5404	0.7021
MUT_ci300400a_cdk_ESTATE	0.7218	0.2782	0.7127	0.4252	0.7974
MUT_ci300400a_cdk_EXTENDED	0.8129	0.1870	0.8072	0.6144	0.6457
MUT_ci300400a_cdk_FCFP2	0.7760	0.2240	0.7684	0.5365	0.7131
MUT_ci300400a_cdk_FCFP4	0.7722	0.2278	0.7642	0.5277	0.7191
MUT_ci300400a_cdk_FCFP6	0.7818	0.2182	0.7756	0.5513	0.7037
MUT_ci300400a_cdk_MACCS	0.7590	0.2410	0.7491	0.4947	0.7346
MUT_ci300400a_cdk_PUBCHEM	0.8347	0.1653	0.8290	0.6572	0.5974
MUT_ci300400a_cdk_STANDARD	0.7725	0.2275	0.7660	0.5319	0.7197
MUT_ci300400a_rdkit_descriptors	0.7895	0.2105	0.7834	0.5659	0.6865
myocardial	0.8941	0.0265	0.4538	0.4863	0.0864
naticusdroid	0.9632	0.0368	0.9632	0.9264	0.2109
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA	0.8667	0.0140	0.2510	0.5834	0.2074
ncRNA1%	0.8702	0.0137	0.2197	0.5970	0.1792
ncRNA10%	0.8682	0.0139	0.2377	0.5922	0.2149
neo	0.9026	0.0974	0.6070	0.1100	0.4718
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6435	0.3565	0.6408	0.2809	0.8871
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9434	0.0566	0.9306	0.8612	0.3261
NPHA-doctor-visits	0.5278	0.3148	0.3416	0.0137	0.4489
nursery	0.9167	0.0417	0.6965	0.8765	0.1251
obesity	0.7251	0.0785	0.7168	0.6790	0.2831
obs	0.7963	0.1019	0.8408	0.6947	0.2488
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9911	0.0044	0.9707	0.9730	0.0307
oh0-wc	0.9307	0.0139	0.9333	0.9208	0.0763
oh10-wc	0.7619	0.0476	0.7518	0.7293	0.2377
oh15-wc	0.7717	0.0457	0.7443	0.7410	0.2069
oh5-wc	0.7582	0.0484	0.7642	0.7276	0.2234
olive	0.9649	0.0078	0.9602	0.9565	0.0253
opn310k	0.9092	0.0908	0.6567	0.0019	0.2090
opn310k10%	0.9142	0.0858	0.6706	0.0573	0.2012
opnat310k-hg16-17	0.9090	0.0910	0.5852	0.0017	0.2195
optdigits	0.9609	0.0078	0.9625	0.9565	0.0562
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8454	0.1546	0.8291	0.6580	0.5966
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8806	0.7612	0.4854
p53-mutants	0.9955	0.0045	0.6848	0.2983	0.3495

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9616	0.0154	0.6895	0.7603	0.2773
parkinson	0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons	0.8009	0.1991	0.7967	0.5892	0.6629
parkinsons-small	0.8421	0.1579	0.8114	0.6175	0.6233
particle	0.9101	0.0899	0.8883	0.7765	0.4459
particle10%	0.9062	0.0938	0.8855	0.7707	0.4643
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8947	0.1053	0.8555	0.7091	0.4943
pediatric-leukemia	0.7941	0.0588	0.7016	0.7416	0.1340
pendigits	0.9327	0.0135	0.9324	0.9251	0.0996
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.3571	-0.2000	0.9762
persistency	0.8163	0.1837	0.8017	0.6019	0.6427
personalities	0.9147	0.0107	0.9147	0.9090	0.1338
pet-adoption	0.9100	0.0900	0.8992	0.7831	0.3023
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL	0.9997	0.0003	0.9997	0.9995	0.0027
PhiUSIIL10%	0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc	0.6543	0.0988	0.6216	0.5946	0.3446
phone-acc0.1%	0.6508	0.0998	0.6294	0.5907	0.3452
phone-acc1%	0.6521	0.0994	0.6201	0.5921	0.3472
phone-acc10%	0.6523	0.0993	0.6212	0.5923	0.3502
phone-gyr	0.6298	0.1058	0.5989	0.5660	0.3641
phone-gyr0.1%	0.6145	0.1101	0.5842	0.5479	0.3706
phone-gyr1%	0.6254	0.1070	0.5954	0.5611	0.3640
phone-gyr10%	0.6226	0.1078	0.5913	0.5571	0.3715
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.7056	0.2944	0.7056	0.4111	0.8133
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9837	0.0109	0.9711	0.9478	0.0878
placement	0.7990	0.2010	0.7933	0.5865	0.6721
plant-growth	0.4737	0.5263	0.4555	-0.0795	0.9947
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4966	0.1438	0.0948	-0.0054	0.2141
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9459	0.0541	0.5670	0.0308	0.3137
polish-5th	0.9357	0.0643	0.6671	0.2205	0.3986
polya	0.7903	0.2097	0.7660	0.5279	0.6927
popularity	0.6593	0.2272	0.4078	0.1946	0.4787
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8102	0.0759	0.8098	0.7627	0.2926
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284
prestige	0.7778	0.1481	0.6061	0.6250	0.1548
primary-tumor	0.4848	0.0468	0.1998	0.4193	0.2160
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.7910	0.2090	0.7543	0.5032	0.6991
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7143	0.2857	0.7292	0.4400	0.7482
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio	0.8229	0.0709	0.7542	0.7591	0.2484

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
puc-rio10%	0.8292	0.0683	0.7547	0.7681	0.2416
pufs-1281%	0.5020	0.4980	0.5020	0.0040	0.9988
pufs-12810%	0.4988	0.5012	0.4988	-0.0025	1.0000
pufs-64	0.5022	0.4978	0.5022	0.0044	0.9977
pufs-641%	0.5017	0.4983	0.5017	0.0033	0.9990
pufs-6410%	0.5012	0.4988	0.5012	0.0023	0.9992
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535
raisin	0.9111	0.0889	0.9111	0.8222	0.3993
re0-wc	0.8667	0.0205	0.8663	0.8243	0.1755
re1-wc	0.8614	0.0111	0.7760	0.8424	0.1051
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9863	0.0137	0.9861	0.9722	0.0959
rocket	0.6067	0.3933	0.5771	0.1494	0.9241
RT_IOT2022	0.9825	0.0029	0.8615	0.9561	0.0199
satimage	0.8320	0.0560	0.7806	0.7900	0.1923
satimageF	0.9829	0.0171	0.9552	0.9101	0.1937
satimageT	0.9005	0.0995	0.6618	0.0273	0.2231
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.6471	0.3529	0.6513	0.2941	0.8608
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.8708	0.1292	0.8697	0.7392	0.5133
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9450	0.9291	0.0724
segmentation	0.8168	0.1832	0.7969	0.5919	0.6461
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9380	0.0620	0.6847	0.1046	0.1594
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8658	0.1342	0.6041	0.1440	0.6038
sens-4-gram	0.8368	0.1632	0.6043	0.2051	0.7461
sens-5-gram	0.8237	0.1763	0.5678	0.1328	0.7659
sensorless	0.7487	0.0457	0.7506	0.7236	0.2535
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8856	0.1144	0.7440	0.4269	0.4764
shuttle	0.9328	0.0192	0.5089	0.7917	0.1905
sick	0.9576	0.0424	0.8110	0.6143	0.4497
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9188	0.0812	0.8779	0.7557	0.4666
skin10%	0.9159	0.0842	0.8723	0.7445	0.4734
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1400	0.4300	0.1501	-0.1412	0.8481
smk_can_187	0.7368	0.2632	0.7449	0.4633	0.6993
smoking	0.7474	0.2526	0.7332	0.4655	0.7631
soil_pollution	0.2033	0.3187	0.2061	0.0008	0.8296
solar-flare	0.7482	0.0839	0.6915	0.6753	0.1915
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9559	0.0046	0.9546	0.9518	0.0330
spam-detection	0.9425	0.0575	0.8090	0.6069	0.4573
spambase	0.9087	0.0913	0.9042	0.8061	0.3953
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.7714	0.2286	0.7046	0.4043	0.7557
spectrometer	0.4231	0.0427	0.2595	0.3861	0.1985
splice-EI	0.9558	0.0442	0.9463	0.8885	0.3008
splice-IE	0.9117	0.0883	0.8748	0.7485	0.4517

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sport-articles	0.8000	0.2000	0.7802	0.5510	0.6550
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.8000	0.1333	0.5714	0.6429	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7554	0.1631	0.7027	0.6014	0.4678
steel-b	0.8256	0.1744	0.7006	0.3742	0.6660
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9524	0.1266
steel-o	0.7692	0.2308	0.7353	0.4361	0.6635
steel-p	0.9282	0.0718	0.7214	0.4253	0.5579
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9590	0.0410	0.8834	0.7667	0.4153
stellar	0.9203	0.0531	0.9116	0.8565	0.2335
stock	0.8889	0.1111	0.8020	0.6006	0.5660
stockb	0.9692	0.0206	0.9704	0.9538	0.0665
streaming	0.8060	0.1940	0.8034	0.6066	0.6547
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6400	0.1440	0.3522	0.3959	0.3819
student-depression	0.8373	0.1627	0.8313	0.6616	0.5916
student-habits	0.4400	0.2240	0.2035	0.1088	0.4531
student-weekend	0.3846	0.2462	0.2809	0.1228	0.6416
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.3636	0.1415	0.6139
susy	0.7880	0.2120	0.7880	0.5664	0.6592
susy1%	0.7934	0.2066	0.7931	0.5781	0.6533
susy10%	0.7896	0.2104	0.7894	0.5700	0.6590
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8949	0.1051	0.8632	0.7259	0.4949
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9252	0.0748	0.8998	0.7996	0.4150
tis10%	0.8657	0.1343	0.8126	0.6228	0.5810
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.8750	0.0500	0.7467	0.8182	0.0440
tox_171	0.8824	0.0588	0.9083	0.8440	0.0951
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.8049	0.0434	0.8112	0.7645	0.1961
trec12-wc	0.6452	0.0887	0.6915	0.5548	0.2243
trec21-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec23-wc	0.9524	0.0159	0.9480	0.9352	0.0757
trec31-wc	0.9677	0.0108	0.9822	0.9571	0.0530
trec41-wc	0.9318	0.0136	0.9218	0.9180	0.1355
trec45-wc	0.9420	0.0116	0.8609	0.9324	0.0463
tuandromd	0.9798	0.0202	0.9686	0.9371	0.1727
turkish	0.8000	0.1000	0.8041	0.7333	0.2397
tvnews	0.8979	0.1021	0.8895	0.7788	0.4514
tvnews1%	0.9000	0.1000	0.8921	0.7786	0.4044
tvnews10%	0.9052	0.0948	0.8973	0.7940	0.4245
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7761	0.0498	0.7746	0.7370	0.1811
urinalysis	0.9650	0.0350	0.8088	0.5311	0.1051
ustilago1%	0.9870	0.0130	0.4967	-0.0049	0.5377
ustilago10%	0.9897	0.0103	0.6536	0.1943	0.3061
vehicle	0.7500	0.1250	0.7356	0.6670	0.2101
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.4848	0.0937	0.4621	0.4333	0.2693
vowelZ	0.9697	0.0303	0.9260	0.8406	0.4011
vrnormat310k-hg16-17	0.9218	0.0782	0.7048	0.3508	0.4884
wap-wc	0.7436	0.0256	0.6016	0.7147	0.2120
warpar10p	0.9231	0.0154	0.8743	0.9133	0.0195
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc	0.6093	0.1116	0.5964	0.5420	0.4400
watch-acc1%	0.5953	0.1156	0.5841	0.5255	0.4495
watch-acc10%	0.5932	0.1162	0.5785	0.5230	0.4615
watch-gyr	0.5892	0.1174	0.5746	0.5195	0.4269
watch-gyr1%	0.5602	0.1257	0.5430	0.4856	0.4506
watch-gyr10%	0.6011	0.1140	0.5836	0.5330	0.4147
water_pollution	0.2133	0.3933	0.2134	-0.0494	0.8878
waveform	0.8560	0.0960	0.8561	0.7840	0.3417
weather-related	0.9635	0.0066	0.9645	0.9586	0.0484
web-phishing	0.8000	0.1333	0.5508	0.6227	0.3366
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.8754	0.0498	0.8690	0.8420	0.2117
white-clover	0.8333	0.0833	0.4268	0.6667	0.1796
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9752	0.0248	0.8526	0.6876	0.2866
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6038	0.1321	0.2709	0.3360	0.3408
winequality-white	0.5194	0.1602	0.2846	0.2123	0.4573
winnipeg	0.9903	0.0028	0.9855	0.9877	0.0309
winnipeg10%	0.9871	0.0037	0.9895	0.9837	0.0272
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.4730	0.1054	0.2955	0.3187	0.4085
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9290	0.0142	0.9224	0.9204	0.1064

Table 489: Detailed results for VBLR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1727	0.0571	0.0692	0.0816	0.4288
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9806	0.0194	0.4951	-0.0029	0.3541
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.8464	0.1536	0.7752	0.5446	0.6284
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9964	0.0036	0.4991	0.0000	0.0163
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.8451	0.1549	0.7730	0.5280	0.5940
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8510	0.1490	0.5880	0.0211	0.3661
airline	0.8744	0.1256	0.8719	0.7434	0.5027
alcohol	0.7524	0.0990	0.2637	0.3917	0.2405
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.8558	0.1442	0.8398	0.6778	0.5580
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9291	0.0355	0.6703	0.8620	0.1743
anuran-genus	0.9485	0.0129	0.8618	0.9142	0.1478
anuran-species	0.9528	0.0094	0.9054	0.9339	0.0762
anxiety	0.1083	0.1981	0.0988	-0.0069	0.7640
apple-quality	0.7300	0.2700	0.7307	0.4600	0.7760
aps-failure	0.9907	0.0093	0.8550	0.7032	0.3245
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.6183	0.0213	0.0830
arcene	0.8000	0.2000	0.7917	0.5833	0.6737

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arrhythmia	0.7333	0.0533	0.5130	0.5068	0.1674
auction	0.8971	0.1029	0.7211	0.3859	0.5057
audiology	0.7826	0.0181	0.3438	0.7467	0.0550
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.7500	0.0833	0.5732	0.6599	0.1802
avila	0.5328	0.0779	0.3026	0.2859	0.3293
babies	0.4194	0.1659	0.1352	0.0745	0.4097
balance	0.8871	0.0753	0.7128	0.7955	0.3645
bank	0.9121	0.0879	0.7521	0.4915	0.5614
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9009	0.0991	0.8918	0.7790	0.4097
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9969	0.0031	0.9045	0.7949	0.0979
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8713	0.7412	0.5090
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9858	0.0013	0.0451	0.0000	0.0126
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9858	0.0026	0.0903	0.0000	0.0156
body-perf	0.5903	0.2049	0.5798	0.4537	0.5214
bookings	0.9900	0.0066	0.7656	0.9788	0.0329
brain-tumor	0.5040	0.4960	0.5039	0.0077	0.9961
breast-cancer	0.7143	0.2857	0.5990	0.1765	0.8228
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.7407	0.7800	0.0723
bridges	0.9000	0.0286	0.7022	0.8485	0.0526
bub10at310k-hg16-17	0.9093	0.0907	0.6572	0.0038	0.2089
bub12at310k-hg16-17	0.9092	0.0908	0.6567	0.0019	0.2090
bub8at310k-hg16-17	0.9093	0.0907	0.6571	0.0035	0.2089
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4940	0.3373	0.3999	0.0021	0.3463
car	0.8506	0.0747	0.6115	0.6770	0.3478
car-insurance	0.8330	0.1670	0.8021	0.6031	0.6293
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.7746	0.0451	0.6650	0.7261	0.2132
cardiotocography-nsp	0.8873	0.0751	0.7850	0.6956	0.4027
cardiovascular	0.7193	0.2807	0.7200	0.4386	0.7914
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5467	0.4084	0.5899
cas_N6512_cdk_ECFP2	0.7588	0.2412	0.7569	0.5136	0.7371
cas_N6512_rdkit_ATOMPAIR	0.7215	0.2785	0.7195	0.4388	0.7933
cas_N6512_RDkit_AtomPair_FP	0.7515	0.2485	0.7493	0.4968	0.7446
cas_N6512_rdkit_AVALON	0.7865	0.2135	0.7852	0.5704	0.6905
cas_N6512_RDkit_Avalon_FP	0.6595	0.3405	0.6555	0.3041	0.8575
cas_N6512_rdkit_descriptors	0.7400	0.2600	0.7386	0.4773	0.7663
cas_N6512_rdkit_FEATMORGAN	0.7588	0.2412	0.7568	0.5132	0.7366
cas_N6512_RDkit_Featmorgan_FP	0.7715	0.2285	0.7701	0.5401	0.7165
cas_N6512_RDkit_FP	0.7485	0.2515	0.7465	0.4928	0.7533
cas_N6512_rdkit_LAYERED	0.7815	0.2185	0.7816	0.5624	0.6963
cas_N6512_RDkit_Layered_FP	0.7653	0.2347	0.7634	0.5262	0.7255
cas_N6512_rdkit_MACCS	0.7619	0.2381	0.7600	0.5165	0.7235

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_RDkit_MACCS_FP	0.7607	0.2393	0.7594	0.5189	0.7341
cas_N6512_rdkit_MORGAN	0.7877	0.2123	0.7860	0.5706	0.6845
cas_N6512_RDkit_morgan_FP	0.7791	0.2209	0.7781	0.5561	0.7032
cas_N6512_rdkit_PATTERN	0.7785	0.2215	0.7770	0.5541	0.7046
cas_N6512_RDkit_pattern_FP	0.7730	0.2270	0.7722	0.5442	0.7132
cas_N6512_rdkit_RDKITFP	0.7650	0.2350	0.7634	0.5267	0.7272
cas_N6512_rdkit_TORSION	0.5385	0.4615	0.3500	0.0000	0.5211
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8485	0.1010	0.4249	0.2040	0.3251
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.7943	0.5885	0.6591
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9520	0.0480	0.7611	0.4898	0.4374
census10%	0.9542	0.0458	0.7566	0.4801	0.4385
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9535	0.0465	0.7923	0.4819	0.1307
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8318	0.0841	0.6276	0.7428	0.2074
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8080	0.1920	0.6372	0.2139	0.6601
churn-bigml	0.8914	0.1086	0.7484	0.3894	0.3494
ci900367j_MACCS	0.6947	0.3053	0.6598	0.3024	0.8143
circles	0.2720	0.0146	0.2669	0.2646	0.1562
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7713	0.1144	0.4960	0.6246	0.2973
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.3333	0.4444	0.1905	-0.2000	0.5700
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4966	0.3356	0.4866	0.2311	0.7393
cnae-9	0.9722	0.0062	0.9735	0.9688	0.0311
codon_usage	0.8580	0.0258	0.6809	0.8265	0.1922
coil20	0.9792	0.0021	0.9804	0.9781	0.0148
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.6200	0.0507	0.4878	0.5751	0.1867
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5271	0.0478	0.9158
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7668	0.2332	0.7669	0.5337	0.7225
coupon	0.6853	0.3147	0.6756	0.3493	0.8413

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covid19	0.5355	0.1327	0.2158	0.1597	0.3342
covtype	0.7148	0.0815	0.5022	0.5309	0.3809
covtype10%	0.7096	0.0830	0.5189	0.5213	0.3795
covtypeCD	0.9453	0.0547	0.8778	0.7516	0.3775
covtypeT	0.9410	0.0590	0.7354	0.4533	0.5280
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans	0.9993	0.0007	0.8933	0.7761	0.1736
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.8793	0.0402	0.6473	0.7412	0.2496
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.1250	0.0437	0.0554	0.0977	0.1731
customer-churn	0.9796	0.0204	0.6687	0.0188	0.0680
cybersecurity	0.1533	0.2822	0.1570	-0.0187	0.8849
cyclopentane	0.7037	0.2963	0.7191	0.4194	0.7609
cylinder-bands	0.7407	0.2593	0.7349	0.4698	0.7686
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1036	0.1793	0.0869	0.0027	0.7791
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8143	0.1857	0.6851	0.2981	0.5975
defect	0.8858	0.1142	0.7564	0.4416	0.4305
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9013	0.0987	0.7195	0.4140	0.5746
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.5919	0.2889	0.5108
dexter	0.6333	0.3667	0.6588	0.2667	0.7642
df_final	0.8125	0.1250	0.8452	0.7108	0.2409
DIA	0.7333	0.2667	0.5270	0.0303	0.7455
diabetes	0.8654	0.1346	0.8568	0.7129	0.5322
diabetes-100k	0.9570	0.0430	0.8471	0.6794	0.3492
diabetes-risk	0.8521	0.1479	0.7531	0.4922	0.6210
diabetic1%	0.5882	0.2745	0.3870	0.1760	0.5765
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.6498	0.1401	0.5343	0.4848	0.4177
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dota2	0.5989	0.4011	0.5957	0.1897	0.9274
dota210%	0.5689	0.4311	0.5652	0.1294	0.9531
drebin	0.9767	0.0233	0.9750	0.9500	0.1561
dropout	0.7607	0.1595	0.6990	0.6082	0.4565
drug-01	0.4149	0.1672	0.1931	0.0463	0.3584
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5213	0.1368	0.1605	0.0496	0.3792
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.2225	0.2571	0.4412
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5479	0.1292	0.1642	0.0558	0.3921
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5585	0.1261	0.1538	0.1375	0.3501

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6170	0.1094	0.1715	0.2188	0.3621
drug-14	0.6011	0.1140	0.2242	0.2515	0.3925
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5904	0.1170	0.2402	0.2940	0.3857
drug-17	0.3670	0.1809	0.1766	0.1161	0.4925
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7553	0.0699	0.1229	-0.0198	0.2767
drybean	0.9221	0.0223	0.9355	0.9058	0.1230
ecoli	0.8824	0.0294	0.5676	0.8373	0.0976
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.3718	0.0785	0.3846	0.2997	0.6025
eeg-eye	0.5988	0.4012	0.5860	0.1609	0.9074
eeg10%	0.3587	0.0802	0.3189	0.2852	0.5733
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6301	0.1479	0.5894	0.5188	0.3915
euthyroid	0.9652	0.0348	0.8960	0.7880	0.3094
exon.vs.intron-freq	0.8954	0.1046	0.8966	0.7911	0.4367
exon.vs.intron-freq10%	0.8898	0.1102	0.8905	0.7797	0.4565
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc	0.2073	0.0933	0.0202	0.0000	0.3505
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	1.0000	0.0000	1.0000	1.0000	0.0000
financial-risk	0.7565	0.0812	0.4862	0.5848	0.2308
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.6500	0.1000	0.4109	0.5513	0.2591
fonts10%	0.3806	0.0081	0.0509	0.3291	0.3516
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gas	0.9899	0.0034	0.9898	0.9878	0.0274
gastrointestinal	0.6875	0.2083	0.6333	0.4872	0.5512
gender	0.6021	0.2653	0.3807	0.1449	0.5100
gene	0.9274	0.0484	0.9161	0.8836	0.2037
german	0.7200	0.2800	0.6712	0.3017	0.7423
gestures	0.2851	0.3574	0.3327	0.0449	0.5534
gina	0.8905	0.1095	0.8906	0.7807	0.4564
gisette	0.9600	0.0400	0.9601	0.9200	0.2242
glass	0.5714	0.1429	0.4752	0.3721	0.3081
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7143	0.2857	0.6834	0.1818	0.4416
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8929	0.1071	0.8949	0.7840	0.4385
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.2110	0.0566	0.5338
gsalc	0.2222	0.2593	0.1224	0.1250	0.2499
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9460	0.0090	0.6899	0.9361	0.0492

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har	0.7380	0.1048	0.7270	0.6672	0.4052
har70	0.7575	0.0693	0.4158	0.6087	0.1922
har701%	0.7593	0.0688	0.4226	0.6115	0.1846
har7010%	0.7575	0.0693	0.4143	0.6086	0.1927
harth	0.6578	0.0570	0.2277	0.5049	0.2296
harth1%	0.6570	0.0572	0.2272	0.5042	0.2270
harth10%	0.6568	0.0572	0.2292	0.5036	0.2308
hayes-roth	0.4375	0.3750	0.4461	0.1166	0.7179
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.8400	0.1600	0.8119	0.6234	0.6155
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass	0.8365	0.1635	0.8365	0.6729	0.5907
hepmass1%	0.8367	0.1633	0.8367	0.6733	0.5903
hepmass10%	0.8361	0.1639	0.8361	0.6723	0.5914
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs	0.6421	0.3579	0.6390	0.2738	0.8810
higgs0.1%	0.6564	0.3436	0.6536	0.3043	0.8687
higgs1%	0.6421	0.3579	0.6390	0.2722	0.8774
higgs10%	0.6421	0.3579	0.6394	0.2741	0.8798
higher	0.2857	0.1786	0.1741	0.1139	0.3075
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9062	0.0938	0.9070	0.8125	0.4080
hiv1-proteasa	0.9309	0.0691	0.8746	0.7484	0.4369
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6944	0.2037	0.6593	0.4677	0.5320
hotel-reservartions	0.8208	0.1792	0.7912	0.5793	0.6439
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.5773	0.2818	0.5847	0.3705	0.6386
ht-sensor10%	0.5567	0.2955	0.5640	0.3403	0.6586
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9390	0.0305	0.5680	0.5292	0.1794
hypothyroidT	0.9655	0.0345	0.8668	0.6944	0.1058
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9393	0.0303	0.9403	0.9191	0.1193
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.9333	0.0444	0.9303	0.8980	0.0943
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9268	0.0056	0.9280	0.9239	0.0699
jm1	0.8108	0.1892	0.6082	0.1230	0.5922
jvowels	0.9357	0.0143	0.9309	0.9272	0.1012
kc1	0.8720	0.1280	0.7108	0.3665	0.5495
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kddcup9810%	0.9277	0.0723	0.4813	-0.0307	0.6571
kddcup991%	0.9972	0.0004	0.7328	0.9952	0.0136
kddcup9910%	0.9984	0.0002	0.6034	0.9972	0.0109
kepler	0.8504	0.0997	0.7980	0.7527	0.2403
kidney	0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.2781	0.0802	0.1824	0.1732	0.5259
krvskp	0.9687	0.0313	0.9690	0.9373	0.1810
la2s-wc	0.2980	0.2340	0.0765	0.0000	0.3641
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.5294	0.0235	0.2879	0.5125	0.0716
led24	0.7000	0.0600	0.6724	0.6610	0.1227
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.7095	0.0223	0.7068	0.6978	0.2730
leukemia	0.4286	0.3810	0.2000	0.0000	0.3980
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.7222	0.0370	0.7249	0.7022	0.1182
linkage	0.9998	0.0002	0.9895	0.9787	0.0064
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9999	0.0001	0.9952	0.9903	0.0005
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9180	0.0820	0.9123	0.8240	0.3820
localization	0.3305	0.1217	0.0452	0.0000	0.3083
localization10%	0.3920	0.1105	0.1626	0.1545	0.5043
lrs	0.8679	0.0264	0.4494	0.8154	0.0766
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	1.0000	0.0000	0.7143	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.8333	0.1667	0.4545	0.0000	0.3145
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1071	0.4140	0.6000	0.2183
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.5808	0.4192	0.5815	0.1615	0.9405
magic04	0.7817	0.2183	0.7523	0.4971	0.7031
malware	0.8108	0.1892	0.4478	0.0000	0.3405
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.9018	0.0982	0.7768	0.5110	0.4530
maternal	0.6139	0.2574	0.6155	0.4043	0.5616
math	0.7250	0.1375	0.7008	0.5587	0.3052
mba	0.8226	0.1183	0.3781	0.0998	0.3791
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2100	0.3160	0.2174	0.0088	0.8403
messidor	0.7304	0.2696	0.7280	0.4553	0.7797
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6667	0.1667	0.7585	0.5385	0.2816
meter-D	0.7222	0.1389	0.5867	0.6053	0.2780
mfeat-fac	0.9750	0.0050	0.9756	0.9722	0.0290
mfeat-fou	0.8250	0.0350	0.8253	0.8056	0.1518
mfeat-kar	0.9600	0.0080	0.9611	0.9556	0.0499
mfeat-mor	0.7150	0.0570	0.7152	0.6833	0.2201
mfeat-pix	0.9650	0.0070	0.9663	0.9611	0.0389
mfeat-zer	0.8150	0.0370	0.8135	0.7944	0.1157
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8868	0.0755	0.8903	0.8293	0.2463
mines	0.5588	0.1765	0.4723	0.4426	0.3821
mobile	0.7552	0.0087	0.7613	0.7508	0.1093
monks-1	0.6364	0.3636	0.6382	0.2696	0.8776
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-3	0.7321	0.2679	0.7323	0.4643	0.7761
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4806	0.0944	0.4731	0.3667	0.5411
musk	0.9318	0.0682	0.8598	0.6908	0.2790
MUT_ci300400a_cdk_ECFP2	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_ECFP4	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_ECFP6	0.5820	0.4180	0.3679	0.0000	0.5073
MUT_ci300400a_cdk_ESTATE	0.7182	0.2818	0.7089	0.4175	0.8024
MUT_ci300400a_cdk_EXTENDED	0.8058	0.1942	0.7997	0.5993	0.6595
MUT_ci300400a_cdk_FCFP2	0.5832	0.4168	0.3684	0.0000	0.5069
MUT_ci300400a_cdk_FCFP4	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_FCFP6	0.5827	0.4173	0.3682	0.0000	0.5071
MUT_ci300400a_cdk_MACCS	0.7506	0.2494	0.7401	0.4756	0.7461
MUT_ci300400a_cdk_PUBCHEM	0.8299	0.1701	0.8240	0.6470	0.6072
MUT_ci300400a_cdk_STANDARD	0.7760	0.2240	0.7683	0.5361	0.7129
MUT_ci300400a_rdkit_descriptors	0.7782	0.2218	0.7723	0.5442	0.7082
myocardial	0.8765	0.0309	0.2785	0.3554	0.1023
naticusdroid	0.9628	0.0372	0.9629	0.9257	0.2123
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.3333	0.2222	0.2500	0.2000	0.3026
ncRNA	0.8661	0.0141	0.2353	0.5803	0.2089
ncRNA1%	0.8661	0.0141	0.2001	0.5777	0.1886
ncRNA10%	0.8676	0.0139	0.2400	0.5884	0.2078
neo	0.9027	0.0973	0.6073	0.1088	0.4676
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6471	0.3529	0.6443	0.2879	0.8832
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9446	0.0554	0.9320	0.8640	0.3214
NPHA-doctor-visits	0.5278	0.3148	0.3416	0.0137	0.4489
nursery	0.9174	0.0413	0.6971	0.8777	0.1241
obesity	0.7109	0.0826	0.7024	0.6625	0.2841
obs	0.7870	0.1065	0.8265	0.6815	0.2624
occupancy	0.9888	0.0112	0.9847	0.9690	0.1275
Occupancy_Estimation	0.9901	0.0049	0.9691	0.9700	0.0427
oh0-wc	0.1881	0.1624	0.0317	0.0000	0.3786
oh10-wc	0.3048	0.1390	0.0922	0.1705	0.3657
oh15-wc	0.1739	0.1652	0.0296	0.0000	0.3842
oh5-wc	0.1648	0.1670	0.0283	0.0000	0.3885
olive	0.9474	0.0117	0.9345	0.9347	0.0365
opn310k	0.9092	0.0908	0.6567	0.0019	0.2090
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9573	0.0085	0.9587	0.9525	0.0627
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.6250	0.0187	0.5669	0.6154	0.0791
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8557	0.1443	0.8382	0.6761	0.5708
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9141	0.8256	0.3826
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9580	0.0168	0.6721	0.7350	0.2822
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.7962	0.2038	0.7909	0.5784	0.6736

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle	0.9100	0.0900	0.8882	0.7764	0.4464
particle10%	0.9100	0.0900	0.8901	0.7799	0.4523
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.7944	0.5769	0.5763
pendigits	0.9290	0.0142	0.9286	0.9211	0.1035
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.6239	0.3761	0.3842	0.0000	0.4887
personalities	0.9142	0.0107	0.9142	0.9084	0.1344
pet-adoption	0.9200	0.0800	0.9103	0.8088	0.2835
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
PhiUSIIL	0.9996	0.0004	0.9996	0.9992	0.0039
PhiUSIIL10%	0.9996	0.0004	0.9996	0.9991	0.0042
phone-acc0.1%	0.6409	0.1026	0.6210	0.5791	0.3496
phone-acc1%	0.6476	0.1007	0.6130	0.5867	0.3482
phone-acc10%	0.6433	0.1019	0.6091	0.5817	0.3551
phone-gyr0.1%	0.6023	0.1136	0.5685	0.5334	0.3697
phone-gyr1%	0.6215	0.1081	0.5887	0.5564	0.3577
phone-gyr10%	0.6251	0.1071	0.5930	0.5605	0.3578
phoneme	0.7593	0.2407	0.6882	0.3725	0.7782
phy	0.7072	0.2928	0.7072	0.4143	0.8115
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9837	0.0109	0.9686	0.9478	0.0851
placement	0.7970	0.2030	0.7913	0.5826	0.6759
plant-growth	0.8421	0.1579	0.8427	0.6816	0.5635
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.6045	0.0775	0.3665
polya	0.7881	0.2119	0.7629	0.5203	0.6933
popularity	0.6573	0.2285	0.4056	0.1874	0.4791
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.8096	0.0762	0.8091	0.7619	0.2933
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6068	0.2059	0.9040
prestige	0.7778	0.1481	0.5926	0.6400	0.1389
primary-tumor	0.4545	0.0496	0.2043	0.3914	0.2084
processed	0.9996	0.0004	0.9995	0.9991	0.0063
profb	0.8060	0.1940	0.7711	0.5330	0.6591
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.5714	0.4286	0.3636	0.0000	0.5112
prostate_GE	0.5455	0.4545	0.3529	0.0000	0.5193
puc-rio	0.8279	0.0689	0.7489	0.7660	0.2520
puc-rio10%	0.8310	0.0676	0.7422	0.7708	0.2539
pufs-1281%	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.5000	-0.0000	0.7289
pufs-64	0.5023	0.4977	0.5023	0.0045	0.9969
pufs-641%	0.5062	0.4938	0.5062	0.0124	0.9950
pufs-6410%	0.5017	0.4983	0.5017	0.0034	0.9990
pulsar	0.9792	0.0208	0.9355	0.8661	0.1535

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
re0-wc	0.4000	0.0923	0.0440	0.0000	0.2839
re1-wc	0.2229	0.0622	0.0146	0.0000	0.3325
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9868	0.0132	0.9867	0.9733	0.0907
rnaseq	0.3750	0.2500	0.1091	0.0000	0.3593
rocket	0.6052	0.3948	0.5757	0.1468	0.9258
RT_IOT2022	0.9824	0.0029	0.8610	0.9557	0.0195
satimage	0.8258	0.0581	0.7727	0.7822	0.2037
satimageF	0.9860	0.0140	0.9632	0.9255	0.1348
satimageT	0.8989	0.1011	0.4734	0.0000	0.2253
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5882	0.4118	0.5908	0.1765	0.9230
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.8728	0.1272	0.8717	0.7431	0.5083
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9221	0.0223	0.9285	0.9089	0.0903
segmentation	0.8416	0.1584	0.8402	0.6710	0.5722
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.7643	0.0429	0.7652	0.7407	0.2409
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8856	0.1144	0.7440	0.4269	0.4764
shuttle	0.9295	0.0201	0.5072	0.7792	0.1894
sick	0.9602	0.0398	0.8172	0.6142	0.3752
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9188	0.0812	0.8779	0.7557	0.4666
skin10%	0.9159	0.0842	0.8723	0.7445	0.4734
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.5263	0.4737	0.3448	0.0000	0.5239
smoking	0.7472	0.2528	0.7329	0.4650	0.7635
soil_pollution	0.1967	0.3213	0.2041	-0.0082	0.8347
solar-flare	0.7554	0.0815	0.6968	0.6846	0.1876
sonar	0.5000	0.5000	0.5000	0.0000	0.9934
soybean	0.9706	0.0031	0.9664	0.9678	0.0198
spam-detection	0.9420	0.0580	0.8069	0.6023	0.4589
spambase	0.9087	0.0913	0.9042	0.8061	0.3953
spect	0.8148	0.1852	0.6923	0.3478	0.6626
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.4231	0.0427	0.2381	0.3841	0.1814
splice-EI	0.9590	0.0410	0.9479	0.8944	0.2900
splice-IE	0.9117	0.0883	0.8757	0.7509	0.4580
sport-articles	0.8400	0.1600	0.8258	0.6490	0.5884
squash-stored	0.4000	0.4000	0.3030	0.0000	0.5733
squash-unstored	1.0000	0.0000	0.6667	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.7537	0.1642	0.7009	0.5988	0.4698
steel-b	0.8154	0.1846	0.6851	0.3512	0.7045
steel-d	0.9744	0.0256	0.7333	0.2794	0.0817

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-k	0.9744	0.0256	0.9611	0.9221	0.2232
steel-o	0.7538	0.2462	0.7154	0.3962	0.6954
steel-p	0.9333	0.0667	0.7287	0.4051	0.4581
steel-s	0.9795	0.0205	0.8564	0.7039	0.3276
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957
stellar	0.9101	0.0599	0.9004	0.8375	0.2507
stock	0.9236	0.0764	0.8636	0.7209	0.4165
stockb	0.9648	0.0235	0.9664	0.9471	0.0725
streaming	0.8000	0.2000	0.7975	0.5949	0.6667
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6450	0.1420	0.3614	0.4059	0.3789
student-depression	0.8351	0.1649	0.8290	0.6571	0.5962
student-habits	0.4200	0.2320	0.1934	0.0791	0.4574
student-weekend	0.4000	0.2400	0.2320	0.1201	0.5705
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.4782	0.3750	0.4230
susy	0.7880	0.2120	0.7880	0.5664	0.6592
susy1%	0.7940	0.2060	0.7937	0.5793	0.6519
susy10%	0.7893	0.2107	0.7891	0.5695	0.6594
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	0.9996	0.0004	0.9996	0.9992	0.0047
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.9020	0.0980	0.8726	0.7449	0.4736
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.9132	0.0868	0.8836	0.7671	0.4553
tis10%	0.8284	0.1716	0.7453	0.4541	0.5957
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.4231	-0.0504	0.7271
trec11-wc	0.3171	0.1518	0.0535	0.0000	0.3354
trec12-wc	0.3226	0.1694	0.1646	0.0538	0.3471
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.4286	0.1905	0.1000	0.0000	0.3116
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.4091	0.1182	0.1112	0.2105	0.3403
trec45-wc	0.2319	0.1536	0.0376	0.0000	0.3575
tuandromd	0.9776	0.0224	0.9659	0.9315	0.2128
turkish	0.8250	0.0875	0.8244	0.7667	0.1948
tvnews	0.8983	0.1017	0.8899	0.7796	0.4501
tvnews1%	0.9154	0.0846	0.9086	0.8143	0.3706
tvnews10%	0.8959	0.1041	0.8871	0.7731	0.4489
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7612	0.0531	0.7851	0.7190	0.1675
urinalysis	0.9441	0.0559	0.6312	0.1817	0.4666
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7500	0.1250	0.7356	0.6670	0.2101
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.4949	0.0918	0.4959	0.4444	0.2463
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
vrnormat310k-hg16-17	0.9219	0.0781	0.7054	0.3528	0.4891
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	0.4286	0.1143	0.4614	0.3684	0.2671
watch-acc	0.5805	0.1199	0.5675	0.5080	0.4740
watch-acc1%	0.5894	0.1173	0.5768	0.5183	0.4582
watch-acc10%	0.5796	0.1201	0.5664	0.5069	0.4739
watch-gyr	0.5760	0.1211	0.5645	0.5036	0.4297
watch-gyr1%	0.5593	0.1259	0.5445	0.4842	0.4448
watch-gyr10%	0.5691	0.1231	0.5586	0.4954	0.4320
water_pollution	0.2133	0.3933	0.2147	-0.0488	0.8857
waveform	0.8480	0.1013	0.8481	0.7720	0.3550
weather-related	0.9615	0.0070	0.9616	0.9564	0.0489
web-phishing	0.8148	0.1235	0.5642	0.6533	0.3988
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
weight-lift	0.8726	0.0510	0.8662	0.8385	0.2108
white-clover	0.6667	0.1667	0.3750	0.4000	0.2044
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9710	0.0290	0.8233	0.6176	0.3047
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6038	0.1321	0.2812	0.3381	0.3407
winequality-white	0.5153	0.1616	0.2810	0.2045	0.4593
winnipeg	0.9892	0.0031	0.9827	0.9863	0.0332
winnipeg10%	0.9859	0.0040	0.9826	0.9821	0.0286
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.6600	0.7311	0.0549
yeast	0.4865	0.1027	0.3001	0.3336	0.3863
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9280	0.0144	0.9215	0.9192	0.1049

Table 490: Detailed results for VBMPR

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1663	0.0794	0.1256	0.0855	0.6175
abalone19	0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8384	0.1077	0.3998	0.0571	0.6014
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.1000	0.2571	0.1501	0.0025	0.3865
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8571	0.0571	0.6710	0.6739	0.3499
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9805	0.0097	0.9681	0.9626	0.0406
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.1333	0.1926	0.1278	0.0247	0.7999
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.5000	0.0909	0.4307	0.3495	0.2498
audit-risk	0.3974	0.6026	0.2844	0.0000	0.5233
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.8000	0.0800	0.8456	0.7386	0.1973
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3952	0.1728	0.1841	0.1106	0.7295
balance	0.8871	0.0753	0.6222	0.7931	0.3567
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.5547	0.4453	0.3568	0.0000	0.5166
bankruptcy	0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	0.3810	0.6190	0.2759	0.0000	0.5189
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.5455	0.4545	0.3529	0.0000	0.5193
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.7273	0.0909	0.7081	0.6667	0.1559
bridges	0.5000	0.1667	0.5465	0.3590	0.2440
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.7000	0.3000	0.4118	0.0000	0.4416
caesarian	0.3750	0.6250	0.2727	0.0000	0.5170
cancer	0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae	0.3980	0.4013	0.3157	-0.0390	0.8232
car	0.9483	0.0259	0.9255	0.8923	0.2117
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.8028	0.0394	0.7874	0.7642	0.2555
cardiotocography-nsp	0.8826	0.0782	0.7881	0.6768	0.3292
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.6117	0.2589	0.7076	0.4263	0.3105
cars	0.7250	0.1833	0.6162	0.4781	0.5522
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.5476	0.3016	0.3976	0.1790	0.4743
cjs	0.9071	0.0310	0.8920	0.8869	0.1398
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5102	0.3265	0.4964	0.2426	0.7451
cnae-9	0.5370	0.1029	0.6421	0.4792	0.3088
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.1389	0.0861	0.1645	0.0947	0.3768
college	0.7273	0.2727	0.4211	0.0000	0.4205
collins	0.2200	0.1040	0.2035	0.1518	0.4026
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.6774	0.3226	0.4038	0.0000	0.4574
column-3c	0.7419	0.1720	0.6847	0.5804	0.4082
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
comedy_comparisons10%	0.4827	0.5173	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.4952	0.5048	0.3312	0.0000	0.5289
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.9000	0.0500	0.9083	0.8667	0.1217
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.0018	0.9982	0.0018	0.0000	0.0050
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.4444	0.5556	0.3077	0.0000	0.5302
cultivars	0.4062	0.0297	0.2839	0.3889	0.0862
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1433	0.2856	0.1415	-0.0285	0.8926
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.6757	0.1081	0.7238	0.5718	0.1980
desharnais	0.6250	0.2500	0.4037	0.2727	0.4605
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.4608	0.3595	0.2999	-0.0463	0.7755
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.9667	0.0167	0.9613	0.9538	0.0533
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.5914	0.2724	0.5177	0.3466	0.6560
drug-01	0.2713	0.2082	0.1562	-0.0087	0.8573
drug-02	0.4096	0.1687	0.2187	0.1428	0.8417
drug-03	0.5532	0.1489	0.2532	0.0719	0.8047
drug-04	0.4043	0.1702	0.2147	0.1280	0.8357
drug-05	0.5479	0.1292	0.1335	-0.0650	0.8984
drug-06	0.3298	0.1915	0.2559	0.1926	0.7247
drug-07	0.3138	0.2287	0.1538	-0.0489	0.7051
drug-08	0.3883	0.1748	0.1424	0.0544	0.8184
drug-09	0.8032	0.0656	0.1875	0.1092	0.4951
drug-10	0.4362	0.1611	0.1826	0.1165	0.7579

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.7553	0.0699	0.1599	0.0329	0.5905
drug-12	0.6809	0.0912	0.1999	0.0281	0.7252
drug-13	0.5106	0.1398	0.1604	0.1590	0.6856
drug-14	0.4574	0.1550	0.1867	0.1158	0.6717
drug-15	0.6543	0.0988	0.1579	0.1500	0.8464
drug-16	0.5106	0.1398	0.2375	0.1991	0.6049
drug-17	0.2553	0.2128	0.1687	0.0670	0.8512
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.6277	0.1064	0.1968	0.1165	0.7740
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.7647	0.0784	0.5992	0.6679	0.2181
ecoliCP-IM	0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM	0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU	0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM	0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce	0.2800	0.3600	0.3353	0.0278	0.4457
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.2335	0.0958	0.2085	0.1651	0.7179
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.6164	0.1534	0.5957	0.5098	0.4382
euthyroid	0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0610	0.1105	0.1087	0.0225	0.3691
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.8462	0.0769	0.8282	0.7862	0.1757
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.6042	0.2639	0.4310	0.1593	0.6233
gene	0.3155	0.4564	0.4227	0.0856	0.3734
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7619	0.0794	0.8663	0.6667	0.1930
glass-g2	0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP	0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP	0.3333	0.6667	0.2500	0.0000	0.5000
glassContainers	0.0909	0.9091	0.0833	0.0000	0.2192
glassNW	0.7619	0.2381	0.4324	0.0000	0.3902
glassTableware	0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP	0.0476	0.9524	0.0455	0.0000	0.1250
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.5833	0.4167	0.3684	0.0000	0.5068
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.4000	0.3000	0.4165	0.2012	0.5836
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.0898	0.2601	0.0235	0.0000	0.3024
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.5625	0.2917	0.6025	0.2956	0.3320
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.7100	0.1450	0.3211	0.1410	0.6902
heart	0.5926	0.4074	0.3721	0.0000	0.5031
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.2000	0.8000	0.1667	0.0000	0.3900
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.2308	0.7692	0.1875	0.0000	0.4238
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.3571	0.1607	0.2518	0.2025	0.2845
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5278	0.3148	0.2346	0.0208	0.4027
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9204	0.0398	0.4942	0.4348	0.3202
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.2222	0.7778	0.1818	0.0000	0.4150
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.3143	0.6857	0.2391	0.0000	0.4897
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.4000	0.6000	0.2857	0.0000	0.5239
kc1-class-level-numericdefect	0.3077	0.2769	0.2411	0.1136	0.2858
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.8023	0.1318	0.7620	0.6804	0.3785
kidney	0.7999	0.0800	0.1778	0.0000	0.1702

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc	0.1079	0.2974	0.2353	0.0125	0.3921
la2s-wc	0.1258	0.2914	0.2431	0.0207	0.3850
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.6471	0.0307	0.6717	0.6298	0.1052
led24	0.3000	0.1400	0.2262	0.2157	0.3345
lenses	0.3333	0.4444	0.3333	0.0000	0.3333
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.6944	0.0407	0.7801	0.6703	0.1277
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.3235	0.6765	0.2444	0.0000	0.4949
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.3396	0.1887	0.3805	0.2251	0.3194
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.2500	0.0317	0.0000	0.3388
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.5556	0.4444	0.3571	0.0000	0.5164
lymphography	0.8571	0.0952	0.8917	0.7358	0.2703
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.4149	0.5851	0.2932	0.0000	0.5268
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.4688	0.5312	0.3191	0.0000	0.5307
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.7327	0.1782	0.7386	0.5897	0.4797
math	0.4250	0.2875	0.3479	0.1007	0.5327
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.1979	-0.0050	0.8794
messidor	0.4348	0.5652	0.3030	0.0000	0.5294
meter-A	0.3750	0.6250	0.2727	0.0000	0.5170
meter-B	0.8889	0.0741	0.8889	0.8302	0.1290
meter-C	0.7778	0.1111	0.6357	0.6814	0.2207
meter-D	0.7778	0.1111	0.6357	0.6842	0.2346
mfeat-fac	0.1200	0.1760	0.1857	0.0222	0.4002
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.1100	0.1780	0.1444	0.0111	0.4037
mfeat-mor	0.7000	0.0600	0.7041	0.6667	0.1871
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.5600	0.0880	0.6390	0.5111	0.2347
mice-prot	0.7870	0.0532	0.8494	0.7554	0.1469
milk	0.9717	0.0189	0.9690	0.9568	0.0697
mines	0.5588	0.1765	0.5531	0.4481	0.3739
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.4909	0.5091	0.3293	0.0000	0.5293

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.5000	0.1667	0.4545	0.4000	0.1855
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.1429	0.8571	0.1250	0.0000	0.3113
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.8414	0.1586	0.4569	0.0000	0.3047
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4722	0.3519	0.3882	0.1117	0.7881
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.8436	0.0447	0.8354	0.8174	0.1760
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9298	0.0156	0.9215	0.9118	0.0396
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.3274	0.1345	0.4959	0.2597	0.3183
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9762	0.0095	0.8491	0.8599	0.1540
parkinson	0.4083	0.5917	0.2899	0.0000	0.5256
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.7368	0.2632	0.4242	0.0000	0.4125
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.0000	0.6667	0.0000	-0.4545	0.6061
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.1028	0.1794	0.0186	0.0000	0.4062
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7167	0.2833	0.4175	0.0000	0.4290
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.3947	0.6053	0.2830	0.0000	0.5226
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.5000	0.5000	0.3333	0.0000	0.5283
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3030	0.1072	0.2419	0.2364	0.3395
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.5000	0.5000	0.3333	0.0000	0.5283
re0-wc	0.2733	0.1118	0.3470	0.2026	0.3268
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.2271	0.2576	0.0617	0.0000	0.3819
satimageF	0.8911	0.1089	0.4712	0.0000	0.2371
satimageT	0.1011	0.8989	0.0918	0.0000	0.2389
scadi	0.7143	0.1143	0.5143	0.5882	0.1267
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9437	0.0161	0.9491	0.9342	0.0733
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	0.1472	0.8528	0.1283	0.0000	0.3180
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.5000	0.5000	0.3333	0.0000	0.5283
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming	0.2600	0.3700	0.3167	0.0022	0.5685
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1967	0.3213	0.1811	0.0028	0.5812
solar-flare	0.7410	0.0863	0.6633	0.6689	0.2701
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.8088	0.0201	0.7852	0.7907	0.1007
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.3957	0.6043	0.2835	0.0000	0.5229
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.2115	0.0584	0.1060	0.1479	0.3576
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.3700	0.6300	0.2701	0.0000	0.5154
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.4000	0.4000	0.2222	-0.0714	0.4316
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.0821	0.9179	0.0758	0.0000	0.2013
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.9824	0.0117	0.9824	0.9736	0.0530
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5400	0.1840	0.3640	0.2718	0.5380
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.2600	0.2960	0.2077	-0.0593	0.8394
student-weekend	0.3538	0.2585	0.2440	0.0448	0.6469
student-workday	0.6875	0.1250	0.3129	0.1392	0.3427
studentap	0.3077	0.4615	0.2230	-0.1250	0.6405
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.4000	0.4000	0.4727	0.1000	0.6236
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.3227	0.6773	0.2440	0.0000	0.4945
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.0732	0.2060	0.1181	0.0189	0.3683
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.2381	0.2540	0.1923	0.0455	0.3294
trec31-wc	0.3871	0.2043	0.1981	0.0194	0.3287
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.3000	0.3500	0.3921	0.0667	0.3906
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7262	0.1369	0.6678	0.6285	0.2618
vehicleVAN	0.2500	0.7500	0.2000	0.0000	0.4422
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.4884	0.5116	0.3281	0.0000	0.5296
vowel	0.5859	0.0753	0.6181	0.5444	0.2442
vowelZ	0.0909	0.9091	0.0833	0.0000	0.2192
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1795	0.2344	0.0435	0.0000	0.3965
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.9231	0.0140	0.9194	0.9127	0.0982
web-phishing	0.8889	0.0741	0.8159	0.8000	0.3512
Weekly	0.4444	0.5556	0.3077	0.0000	0.5302
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.0497	0.9503	0.0473	0.0000	0.1299
wine	0.8824	0.0784	0.9106	0.8068	0.1912
winequality-red	0.6667	0.1111	0.3344	0.4649	0.4164
winequality-white	0.6442	0.1017	0.3930	0.4684	0.4468
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.3684	0.6316	0.2692	0.0000	0.5148
yale	0.0625	0.1250	0.0078	0.0000	0.4106
yeast	0.6149	0.0770	0.4271	0.5039	0.4127
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2	0.0473	0.9527	0.0452	0.0000	0.1242
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 491: Detailed results for WildWood

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1727	0.0571	0.0863	0.0835	0.4363
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9831	0.0169	0.6876	0.0984	0.0586
accident	0.6500	0.3500	0.6573	0.3000	0.8418
ads	0.9665	0.0335	0.9281	0.8455	0.1092
adult	0.8266	0.1734	0.7328	0.3996	0.5430
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.9998	0.0002	0.5000	0.0000	0.0011
AID373red	0.9990	0.0010	0.4997	0.0000	0.0055
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.9967	0.0033	0.6919	0.1108	0.0155
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
AID746red	0.9940	0.0060	0.4985	0.0000	0.0253
aids	0.9014	0.0986	0.8625	0.6952	0.3154
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.9572	0.0428	0.9565	0.9126	0.2326
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.9163	0.0837	0.9090	0.8089	0.3181
anneal	0.9551	0.0180	0.7611	0.9047	0.1228
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9777	0.0111	0.9413	0.9574	0.0514
anuran-genus	0.9722	0.0070	0.9347	0.9538	0.0467
anuran-species	0.9722	0.0056	0.9370	0.9612	0.0331
anxiety	0.1167	0.1963	0.0395	-0.0070	0.4836
apple-quality	0.8375	0.1625	0.8382	0.6750	0.5832
aps-failure	0.9897	0.0103	0.8332	0.6437	0.2738
arabidopsis	0.9920	0.0080	0.6671	0.0058	0.0320
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arabidopsis1%	0.9920	0.0080	0.4980	0.0000	0.0318
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia	0.6444	0.0547	0.2847	0.3143	0.2598
auction	0.9755	0.0245	0.9433	0.8799	0.0855
audiology	0.6087	0.0326	0.1809	0.5241	0.1364
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6500	0.1167	0.4265	0.5139	0.2098
avila	0.9813	0.0031	0.9707	0.9756	0.0301
babies	0.5000	0.1429	0.1634	0.1998	0.3525
balance	0.9032	0.0645	0.6228	0.8178	0.1771
bank	0.9075	0.0925	0.7167	0.3662	0.4746
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8779	0.1221	0.8700	0.7180	0.3857
basehock	0.9849	0.0151	0.9849	0.9698	0.1051
bio	0.9964	0.0036	0.8856	0.7494	0.1025
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8476	0.1524	0.8369	0.6640	0.5381
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.9861	0.0010	0.0705	0.0485	0.0216
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
bitcoin10%	0.9773	0.0000	0.0763	0.1533	0.3302
body-perf	0.7246	0.1377	0.7262	0.6328	0.4135
bookings	0.9902	0.0065	0.8050	0.9792	0.0156
brain-tumor	0.5035	0.4965	0.5573	0.0040	0.5458
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.6364	0.1212	0.5969	0.5600	0.1943
bridges	0.7000	0.0857	0.4000	0.4828	0.1667
bub10at310k-hg16-17	0.9174	0.0826	0.6750	0.2076	0.3678
bub12at310k-hg16-17	0.9158	0.0842	0.6639	0.1930	0.3917
bub8at310k-hg16-17	0.9196	0.0804	0.6874	0.2684	0.4162
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9310	0.0345	0.8874	0.8569	0.2387
car-insurance	0.8510	0.1490	0.8289	0.6574	0.5937
card	0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography	0.8404	0.0319	0.8020	0.8064	0.1539
cardiotocography-nsp	0.9249	0.0501	0.8670	0.7789	0.2505
cardiovascular	0.7378	0.2622	0.7385	0.4756	0.7645
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8000	0.1333	0.7258	0.6433	0.4476
cas_N6512_cdk_ECFP2	0.7358	0.2642	0.7366	0.4716	0.7675
cas_N6512_rdkit_ATOMPAIR	0.7231	0.2769	0.7216	0.4431	0.7909
cas_N6512_RDkit_AtomPair_FP	0.7316	0.2684	0.7295	0.4589	0.7788
cas_N6512_rdkit_AVALON	0.7834	0.2166	0.7819	0.5638	0.6960
cas_N6512_RDkit_Avalon_FP	0.8006	0.1994	0.8006	0.6004	0.6622
cas_N6512_rdkit_descriptors	0.7677	0.2323	0.7674	0.5343	0.7208
cas_N6512_rdkit_FEATMORGAN	0.7373	0.2627	0.7351	0.4697	0.7700
cas_N6512_RDkit_Featmorgan_FP	0.7623	0.2377	0.7607	0.5214	0.7317
cas_N6512_RDkit_FP	0.7577	0.2423	0.7556	0.5099	0.7365
cas_N6512_rdkit_LAYERED	0.7754	0.2246	0.7742	0.5483	0.7098
cas_N6512_RDkit_Layered_FP	0.7377	0.2623	0.7354	0.4697	0.7680

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.7819	0.2181	0.7801	0.5583	0.6936
cas_N6512_RDkit_MACCS_FP	0.7899	0.2101	0.7903	0.5794	0.6804
cas_N6512_rdkit_MORGAN	0.7846	0.2154	0.7829	0.5652	0.6924
cas_N6512_RDkit_morgan_FP	0.7653	0.2347	0.7640	0.5280	0.7267
cas_N6512_rdkit_PATTERN	0.7708	0.2292	0.7705	0.5405	0.7156
cas_N6512_RDkit_pattern_FP	0.7561	0.2439	0.7555	0.5107	0.7404
cas_N6512_rdkit_RDKITFP	0.7665	0.2335	0.7646	0.5275	0.7204
cas_N6512_rdkit_TORSION	0.7400	0.2600	0.7396	0.4788	0.7645
ccds	0.9602	0.0398	0.4898	0.0000	0.1142
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
ccds10%	0.9616	0.0384	0.4902	0.0000	0.1111
cdc_diabetes	0.8489	0.1007	0.4192	0.1311	0.2683
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7733	0.5435	0.6820
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9510	0.0490	0.7487	0.4092	0.3134
census10%	0.9747	0.0460	0.7407	0.4168	0.3673
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9262	0.0369	0.6988	0.8891	0.1188
chrom19	0.9991	0.0009	0.6769	0.1467	0.1046
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9990	0.0010	0.6908	0.1052	0.0055
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8500	0.1500	0.7386	0.4402	0.5809
churn-bigml	0.9176	0.0824	0.8200	0.5689	0.2044
ci900367j_MACCS	0.6632	0.3368	0.6391	0.1456	0.6008
circles	0.9790	0.0004	0.9802	0.9788	0.0107
cirrhosis	0.7619	0.1587	0.5134	0.5024	0.3368
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7731	0.1134	0.5240	0.6272	0.2989
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5646	0.2902	0.5420	0.3156	0.6778
cnae-9	0.9537	0.0103	0.9570	0.9479	0.0479
codon_usage	0.8657	0.0244	0.6653	0.8347	0.1292
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.7200	0.0373	0.6093	0.6857	0.1297
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.6897	0.3103	0.7119	0.2810	0.4723
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7624	0.5132	0.7040
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.7742	0.1505	0.7022	0.6246	0.3023

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.5171	0.4829	0.3409	0.0000	0.5257
connect-4	0.9830	0.0113	0.6411	0.3967	0.0342
cottonmeloidogyne	0.7476	0.2524	0.7507	0.4959	0.7379
coupon	0.7374	0.2626	0.7296	0.4510	0.7558
covid19	0.5518	0.1280	0.2169	0.1970	0.3508
covtype	0.8527	0.0421	0.7740	0.7587	0.2225
covtype10%	0.7776	0.0635	0.6466	0.6326	0.2942
covtypeCD	0.9791	0.0209	0.9547	0.9076	0.1498
covtypeT	0.9701	0.0299	0.8739	0.7330	0.2606
crabs	0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans	0.9995	0.0005	0.9233	0.8407	0.1267
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9235	0.0255	0.7116	0.8351	0.1399
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.4375	0.0281	0.3000	0.4211	0.0799
customer-churn	0.9834	0.0166	0.7456	0.4501	0.3780
cybersecurity	0.1600	0.2800	0.0786	-0.0202	0.5309
cyclopentane	0.5926	0.4074	0.6422	0.0917	0.5093
cylinder-bands	0.6852	0.3148	0.6940	0.2971	0.6308
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.1022	0.1796	0.0185	0.0000	0.4069
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8267	0.1733	0.7148	0.3961	0.6381
defect	0.9599	0.0401	0.9228	0.8372	0.1899
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8960	0.1040	0.6807	0.2604	0.4632
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614
dexter	0.9500	0.0500	0.9523	0.9000	0.2092
df_final	0.6875	0.2083	0.5590	0.5000	0.2664
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-100k	0.9690	0.0310	0.8930	0.7612	0.0984
diabetes-risk	0.9200	0.0800	0.8723	0.7377	0.4004
diabetic	0.5656	0.2896	0.3673	0.0915	0.4518
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5843	0.2870	0.4271	0.1544	0.5492
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7571	0.0971	0.7577	0.6518	0.3022
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.9972	0.0028	0.4993	0.0000	0.0133
dna1%	0.9972	0.0028	0.4993	0.0000	0.0131
dorothea	0.9217	0.0783	0.7316	0.2867	0.1904
dota2	0.5806	0.4194	0.5768	0.1407	0.9092
dota210%	0.5291	0.4709	0.5624	0.0046	0.5416
drebin	0.9780	0.0220	0.9765	0.9525	0.1280
dropout	0.7562	0.1625	0.6610	0.5807	0.4431
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.0881	0.1168	0.0000	0.1931
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.1658	0.2451	0.3929
drug-07	0.4309	0.1626	0.0860	0.0000	0.2460
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0380	0.1327	0.0000	0.1071
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6011	0.1140	0.1550	0.1358	0.3136
drug-14	0.5745	0.1216	0.1788	0.0176	0.2585
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5585	0.1261	0.1625	0.1611	0.3144
drug-17	0.3936	0.1733	0.1428	0.1424	0.4174
drug-18	0.9947	0.0021	0.1995	0.0000	0.0076
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9177	0.0235	0.9287	0.9004	0.1328
ecoli	0.8529	0.0368	0.5380	0.7942	0.1221
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8032	0.6043	0.6300
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.5045	0.0619	0.5181	0.4467	0.4940
eeg-eye	0.8692	0.1308	0.8685	0.7327	0.4948
eeg10%	0.3706	0.0787	0.3080	0.2941	0.4847
email_phishing	0.9869	0.0131	0.6703	0.0225	0.0477
eucalyptus	0.6027	0.1589	0.5724	0.4751	0.3569
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq	0.9740	0.0260	0.9741	0.9477	0.1520
exon.vs.intron-freq10%	0.9453	0.0547	0.9462	0.8898	0.2555
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.8792	0.1208	0.8839	0.7543	0.4170
fbis-wc	0.7764	0.0263	0.6421	0.7416	0.1374
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.8310	0.0563	0.5308	0.7193	0.1929
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.7000	0.0750	0.3847	0.6066	0.1741
fonts10%	0.4160	0.0076	0.0656	0.3587	0.2567
forest	0.9423	0.0288	0.9220	0.9202	0.0504
gas	0.9950	0.0017	0.9950	0.9939	0.0119
gastrointestinal	0.7500	0.1667	0.5623	0.5616	0.2839
gender	0.5916	0.2723	0.4775	0.0769	0.4871
gene	0.9274	0.0484	0.9171	0.8829	0.2063
german	0.6600	0.3400	0.6346	0.0368	0.4706
gestures	0.9033	0.0484	0.9037	0.8710	0.2050
gina	0.9251	0.0749	0.9252	0.8502	0.3539
gisette	0.9614	0.0386	0.9617	0.9229	0.2120
glass	0.7619	0.0794	0.5940	0.6500	0.1604
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8571	0.1429	0.8467	0.6897	0.5386
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma	0.8000	0.1000	0.6250	0.7059	0.1226
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.3333	0.3333	0.2098	0.0506	0.5199
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9442	0.0093	0.8527	0.9340	0.0589
har	0.9939	0.0024	0.9934	0.9923	0.0162
har70	0.9318	0.0195	0.6979	0.8981	0.0922
har701%	0.9168	0.0238	0.5390	0.8767	0.1068
har7010%	0.9274	0.0207	0.6085	0.8916	0.0932
harth	0.8939	0.0177	0.6776	0.8550	0.1596
harth1%	0.8655	0.0224	0.5038	0.8153	0.1424
harth10%	0.8623	0.0253	0.4909	0.8037	0.2062
hayes-roth	0.8750	0.0833	0.9107	0.8049	0.1629
hcc-survival	0.5882	0.4118	0.3704	0.0000	0.5049
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hepmass1%	0.8524	0.1476	0.8528	0.7048	0.5525
hepmass10%	0.8588	0.1412	0.8597	0.7178	0.5338
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7719	0.4348	0.3145
higgs0.1%	0.6764	0.3236	0.6740	0.3463	0.8482
higgs1%	0.7011	0.2989	0.6992	0.3979	0.8197
higgs10%	0.7276	0.2724	0.7263	0.4525	0.7840
higher	0.2857	0.1786	0.1690	0.0968	0.3480
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8634	0.1366	0.7171	0.3220	0.4307
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.4481	0.1401	0.3449
hotel-reservartions	0.8931	0.1069	0.8765	0.7505	0.4587
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.9999	0.0001	0.9999	0.9999	0.0006
ht-sensor10%	0.9992	0.0005	0.9993	0.9989	0.0043
htru2	0.9771	0.0229	0.9286	0.8557	0.2417
hypothyroid	0.9894	0.0053	0.7333	0.9384	0.0999
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8832	0.0090	0.8889	0.8785	0.0939
jm1	0.8145	0.1855	0.6278	0.0977	0.4699
jvowels	0.9548	0.0100	0.9508	0.9488	0.0680
kc1	0.8720	0.1280	0.7239	0.2727	0.2697
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6429	0.0298	0.0326	0.0000	0.1526
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.7118	0.4235	0.7319

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kdc-4007	0.7781	0.0555	0.6844	0.7409	0.3018
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.9997	0.0000	0.6996	0.9994	0.0039
kddcup991%	0.9978	0.0003	0.7422	0.9962	0.0024
kddcup9910%	0.9992	0.0001	0.6165	0.9987	0.0021
kepler	0.8787	0.0809	0.8351	0.7995	0.2170
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.6050	0.0439	0.5415	0.5553	0.3605
krvskp	0.9843	0.0157	0.9844	0.9686	0.1069
la1s-wc	0.8159	0.0614	0.7881	0.7619	0.2032
la2s-wc	0.8344	0.0552	0.8191	0.7858	0.1855
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.5294	0.0235	0.2967	0.5112	0.0783
led24	0.7000	0.0600	0.6445	0.6571	0.1525
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9295	0.0054	0.9301	0.9266	0.0810
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.7778	0.0296	0.7883	0.7618	0.0900
linkage	1.0000	0.0000	0.9990	0.9981	0.0001
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.9905	0.0001	1.0000	1.0000	0.0211
liver	0.7059	0.2941	0.6230	0.1707	0.7028
loan	0.9836	0.0164	0.9826	0.9649	0.0987
localization	0.7059	0.0535	0.4508	0.6159	0.2884
localization10%	0.6208	0.0690	0.3244	0.4953	0.3262
lrs	0.8491	0.0302	0.4456	0.7886	0.0945
lung	0.8571	0.0571	0.6724	0.6769	0.1268
lung_discrete	0.8750	0.0357	0.5466	0.8367	0.0486
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1429	0.3701	0.4510	0.3188
lymphoma2	0.7778	0.0494	0.4018	0.6842	0.0783
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.7269	0.2731	0.7270	0.4538	0.7841
magic04	0.8711	0.1289	0.8562	0.7073	0.5024
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8543	0.7080	0.5499
marketing	0.8750	0.1250	0.7130	0.2334	0.2644
maternal	0.7327	0.1782	0.7354	0.5928	0.4996
math	0.7500	0.1250	0.4164	0.5807	0.2112
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1967	0.3213	0.0878	-0.0127	0.4812
messidor	0.6609	0.3391	0.6790	0.3390	0.8092
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9550	0.0090	0.9556	0.9500	0.0544
mfeat-fou	0.7900	0.0420	0.7890	0.7667	0.1655

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-kar	0.9800	0.0040	0.9807	0.9778	0.0250
mfeat-mor	0.6850	0.0630	0.6851	0.6500	0.2130
mfeat-pix	0.9650	0.0070	0.9658	0.9611	0.0414
mfeat-zer	0.7400	0.0520	0.7433	0.7111	0.1694
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5335	0.4469	0.4111
mobile	0.9056	0.0034	0.9103	0.9039	0.0430
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.7049	0.2951	0.6817	0.1794	0.4490
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5206	0.0872	0.5408	0.4129	0.4756
musk	0.9515	0.0485	0.9030	0.7891	0.1837
MUT_ci300400a_cdk_ECFP2	0.7854	0.2146	0.7786	0.5570	0.6972
MUT_ci300400a_cdk_ECFP4	0.8024	0.1976	0.7958	0.5913	0.6655
MUT_ci300400a_cdk_ECFP6	0.7701	0.2299	0.7609	0.5177	0.7140
MUT_ci300400a_cdk_ESTATE	0.7374	0.2626	0.7264	0.4495	0.7698
MUT_ci300400a_cdk_EXTENDED	0.8201	0.1799	0.8145	0.6290	0.6310
MUT_ci300400a_cdk_FCFP2	0.7725	0.2275	0.7632	0.5189	0.7012
MUT_ci300400a_cdk_FCFP4	0.7710	0.2290	0.7629	0.5250	0.7210
MUT_ci300400a_cdk_FCFP6	0.7830	0.2170	0.7751	0.5491	0.6992
MUT_ci300400a_cdk_MACCS	0.7998	0.2002	0.7924	0.5833	0.6668
MUT_ci300400a_cdk_PUBCHEM	0.8240	0.1760	0.8179	0.6350	0.6210
MUT_ci300400a_cdk_STANDARD	0.8072	0.1928	0.8000	0.5976	0.6500
MUT_ci300400a_rdkit_descriptors	0.8208	0.1792	0.8172	0.6343	0.6288
myocardial	0.8706	0.0324	0.2747	0.2901	0.1087
naticusdroid	0.9690	0.0310	0.9690	0.9379	0.1864
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.5000	0.1111	0.2917	0.4194	0.1042
ncRNA	0.9467	0.0056	0.7480	0.8526	0.2400
ncRNA1%	0.9022	0.0103	0.4220	0.7086	0.1972
ncRNA10%	0.9033	0.0094	0.5315	0.7368	0.4370
neo	0.9134	0.0866	0.6854	0.2261	0.3586
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.7637	0.0107	0.7545	0.7547	0.1326
newspop	0.6635	0.3365	0.6608	0.3163	0.8557
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9611	0.0389	0.9520	0.9039	0.2399
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9591	0.0164	0.7083	0.9397	0.0566
obesity	0.8957	0.0298	0.8955	0.8782	0.1272
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9932	0.0068	0.9905	0.9809	0.0835
Occupancy_Estimation	0.9911	0.0044	0.9682	0.9729	0.0175
oh0-wc	0.9010	0.0198	0.9013	0.8862	0.0898
oh10-wc	0.7714	0.0457	0.7218	0.7376	0.1862
oh15-wc	0.8696	0.0261	0.8817	0.8510	0.1051
oh5-wc	0.8681	0.0264	0.8870	0.8503	0.1177
ohscal-wc	0.7724	0.0455	0.7553	0.7447	0.2836
olive	0.9298	0.0156	0.9174	0.9123	0.0441
opn310k	0.9155	0.0845	0.6639	0.1643	0.3451
opn310k10%	0.9142	0.0858	0.6706	0.0573	0.2012
opnat310k-hg16-17	0.9178	0.0822	0.6829	0.1908	0.3066
optdigits	0.9555	0.0089	0.9587	0.9505	0.0591
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8196	0.1804	0.7925	0.5747	0.6205
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.9014	0.7947	0.4011
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9762	0.0095	0.8107	0.8625	0.3031
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.8815	0.1185	0.8731	0.7452	0.4885
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle	0.9269	0.0731	0.9088	0.8175	0.3857
particle10%	0.9023	0.0977	0.8774	0.7542	0.4638
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.8015	0.5217	0.3086
pediatric-leukemia	0.7647	0.0672	0.6143	0.7056	0.1787
pendigits	0.9854	0.0029	0.9856	0.9838	0.0236
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7959	0.2041	0.7776	0.5441	0.6568
personalities	0.9470	0.0066	0.9471	0.9435	0.0897
pet-adoption	0.9400	0.0600	0.9319	0.8600	0.2695
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
PhiUSIIL	1.0000	0.0000	1.0000	0.9999	0.0005
PhiUSIIL10%	1.0000	0.0000	1.0000	1.0000	0.0000
phone-acc	0.9211	0.0226	0.9166	0.9077	0.0855
phone-acc0.1%	0.8139	0.0532	0.8059	0.7821	0.1710
phone-acc1%	0.8834	0.0333	0.8778	0.8636	0.1211
phone-acc10%	0.9097	0.0258	0.9048	0.8945	0.0970
phone-gyr	0.9378	0.0178	0.9331	0.9272	0.0822
phone-gyr0.1%	0.8335	0.0476	0.8276	0.8049	0.1891
phone-gyr1%	0.8979	0.0292	0.8938	0.8805	0.1203
phone-gyr10%	0.9277	0.0207	0.9232	0.9154	0.0924
phoneme	0.8852	0.1148	0.8576	0.7150	0.5180
phy	0.7136	0.2864	0.7136	0.4271	0.8029
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9922	0.0052	0.9817	0.9751	0.0534
placement	0.7960	0.2040	0.7893	0.5780	0.6759
plant-growth	0.7895	0.2105	0.7978	0.5824	0.6422
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.5892	0.0822	0.1183	0.1985	0.1598
poker1%	0.5054	0.1413	0.1552	0.0130	0.2025
poker10%	0.5649	0.1088	0.1454	0.1477	0.2258
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9490	0.0510	0.6775	0.0704	0.1378
polish-5th	0.9492	0.0508	0.7625	0.4608	0.3502
polya	0.7578	0.2422	0.7265	0.4152	0.6738
popularity	0.6646	0.2236	0.4120	0.1646	0.4208
post-operative	0.6667	0.2222	0.2667	0.0000	0.2322
postures	0.9804	0.0078	0.9802	0.9755	0.0482
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6919	0.3824	0.8284

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4242	0.0523	0.1732	0.3435	0.2328
processed	1.0000	0.0000	1.0000	1.0000	0.0000
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.7857	0.2143	0.8028	0.5333	0.4205
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.9937	0.0025	0.9885	0.9915	0.0200
puc-rio10%	0.9885	0.0046	0.9761	0.9846	0.0314
pufs-1281%	0.4960	0.5040	0.4958	-0.0079	0.9851
pufs-12810%	0.4967	0.5033	0.4967	-0.0066	1.0000
pufs-641%	0.4988	0.5012	0.4983	-0.0029	0.9518
pufs-6410%	0.4979	0.5021	0.4976	-0.0044	0.9739
pulsar	0.9824	0.0176	0.9459	0.8895	0.1608
raisin	0.8778	0.1222	0.8801	0.7556	0.4709
rcv11%	0.6426	0.0174	0.2491	0.5780	0.1815
rcv110%	0.7678	0.0093	0.3679	0.7340	0.1484
re0-wc	0.7600	0.0369	0.5059	0.6641	0.1497
re1-wc	0.7470	0.0202	0.4231	0.7001	0.1294
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.7614	0.0073	0.1120	0.6495	0.1344
rice	0.9874	0.0126	0.9872	0.9744	0.0904
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6763	0.3237	0.6550	0.3009	0.8445
RT_IOT2022	0.9971	0.0005	0.9750	0.9927	0.0058
satimage	0.8927	0.0358	0.8764	0.8669	0.1530
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9347	0.0653	0.7921	0.5401	0.3749
scadi	0.7143	0.0816	0.4989	0.6316	0.1395
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5588	0.4412	0.6461	0.1176	0.5228
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9697	0.0087	0.9739	0.9646	0.0389
segmentation	0.8366	0.1634	0.8225	0.6450	0.6107
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9954	0.0008	0.9954	0.9949	0.0092
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9051	0.0949	0.7996	0.5851	0.5061
shuttle	0.9997	0.0001	0.8162	0.9990	0.0004
sick	0.9682	0.0318	0.8564	0.6843	0.2258
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9996	0.0004	0.9994	0.9989	0.0085

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
skin10%	0.9988	0.0012	0.9981	0.9963	0.0155
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6842	0.3158	0.6960	0.3523	0.7434
smoking	0.7623	0.2377	0.7542	0.5047	0.7311
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7554	0.0815	0.5943	0.6835	0.1895
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9706	0.0031	0.9421	0.9676	0.0134
spam-detection	0.9560	0.0440	0.8664	0.7327	0.4370
spambase	0.9304	0.0696	0.9272	0.8526	0.3227
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.8571	0.1429	0.8250	0.5882	0.3145
spectrometer	0.4906	0.0212	0.2110	0.4557	0.1449
splice-EI	0.9464	0.0536	0.9282	0.8485	0.2109
splice-IE	0.8896	0.1104	0.8417	0.6396	0.3169
sport-articles	0.8100	0.1900	0.8002	0.5992	0.6575
squash-stored	0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored	0.8000	0.1333	0.5556	0.6154	0.2322
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8993	0.0672	0.8723	0.8362	0.2321
steel-b	0.8564	0.1436	0.7591	0.4846	0.5572
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7949	0.2051	0.7662	0.5117	0.6435
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9236	0.8432	0.2195
stellar	0.9761	0.0159	0.9726	0.9575	0.0938
stock	0.8889	0.1111	0.7920	0.5583	0.4961
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0362
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.6400	0.1440	0.3433	0.3943	0.3847
student-depression	0.8247	0.1753	0.8180	0.6326	0.6104
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.4331	0.1250	0.3871
susy	0.8006	0.1994	0.7997	0.5939	0.6476
susy1%	0.7886	0.2114	0.7876	0.5690	0.6689
susy10%	0.7985	0.2015	0.7975	0.5895	0.6514
swarm_aligned	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_flocking	1.0000	0.0000	1.0000	1.0000	0.0000
swarm_grouped	1.0000	0.0000	1.0000	1.0000	0.0000
tae	0.4667	0.3556	0.4953	0.2000	0.6099
telco-churn	0.8892	0.1108	0.8522	0.6963	0.4700
texture	0.9673	0.0060	0.9700	0.9639	0.0422
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis	0.8901	0.1099	0.8475	0.6589	0.3396
tis10%	0.7612	0.2388	0.6498	0.0450	0.3925
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.6250	0.1250	0.2411	0.4146	0.1603
tox_171	0.6471	0.1765	0.6873	0.5342	0.2336

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc	0.8293	0.0379	0.5100	0.7842	0.0809
trec12-wc	0.8710	0.0323	0.7811	0.8426	0.0851
trec21-wc	0.6970	0.1010	0.1369	0.0000	0.2028
trec23-wc	0.8095	0.0635	0.4575	0.7083	0.1453
trec31-wc	0.9462	0.0154	0.7728	0.9281	0.0704
trec41-wc	0.8864	0.0227	0.6253	0.8592	0.0981
trec45-wc	0.8841	0.0232	0.8124	0.8630	0.0840
tuandromd	0.9821	0.0179	0.9732	0.9457	0.1915
turkish	0.8000	0.1000	0.7972	0.7333	0.2889
tvnews	0.9349	0.0651	0.9295	0.8580	0.3190
tvnews1%	0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%	0.8936	0.1064	0.8844	0.7667	0.4483
ur3_cobotops_grip	0.9714	0.0286	0.7031	0.2676	0.2532
ur3_cobotops_stop	0.9660	0.0340	0.6946	0.1335	0.1015
urban	0.8358	0.0365	0.8354	0.8068	0.1483
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.9903	0.0097	0.4976	0.0000	0.0375
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
ustilago10%	0.9893	0.0107	0.4973	0.0000	0.0405
vehicle	0.7738	0.1131	0.7337	0.6937	0.2529
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6566	0.0624	0.6896	0.6222	0.2002
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
vrnormat310k-hg16-17	0.9105	0.0895	0.6631	0.0283	0.2071
wap-wc	0.7115	0.0288	0.4839	0.6709	0.1569
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc	0.9449	0.0158	0.9431	0.9355	0.0755
watch-acc1%	0.8972	0.0294	0.8955	0.8797	0.1310
watch-acc10%	0.9310	0.0197	0.9288	0.9192	0.0881
watch-gyr	0.9376	0.0178	0.9357	0.9271	0.0811
watch-gyr1%	0.8830	0.0334	0.8803	0.8634	0.1439
watch-gyr10%	0.9263	0.0211	0.9241	0.9139	0.0956
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8360	0.1093	0.8363	0.7540	0.3728
weather-related	0.9712	0.0052	0.9722	0.9673	0.0375
web-phishing	0.8370	0.1086	0.6528	0.6991	0.3933
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.9990	0.0004	0.9989	0.9987	0.0032
white-clover	0.5000	0.2500	0.1667	-0.2857	0.3909
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9834	0.0166	0.9055	0.8011	0.1818
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5660	0.1447	0.2677	0.2707	0.3565
winequality-white	0.5460	0.1297	0.2297	0.2564	0.3731
winnipeg	0.9951	0.0014	0.9894	0.9938	0.0202
winnipeg10%	0.9899	0.0029	0.9917	0.9872	0.0211
wisc_bc	0.9649	0.0351	0.9643	0.9261	0.2027
yale	0.6875	0.0417	0.6532	0.6667	0.0607
yeast	0.5811	0.0838	0.4132	0.4569	0.3132
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9312	0.0138	0.9239	0.9229	0.1055

Table 492: Detailed results for WSRF

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0072	0.0945	0.0007	0.0000	0.3910
abalone19	0.0072	0.9928	0.0071	0.0000	0.0204
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.0178	0.9822	0.0175	0.0000	0.0496
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	0.1667	0.2778	0.0476	0.0000	0.4024
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.1389	0.8611	0.1220	0.0000	0.3050
AID1284red	0.1389	0.8611	0.1220	0.0000	0.3050
AID1608Morered	0.0680	0.9320	0.0636	0.0000	0.1714
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.0140	0.9860	0.0138	0.0000	0.0393
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.1429	0.8571	0.1250	0.0000	0.3113
AID439red	0.1429	0.8571	0.1250	0.0000	0.3113
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.3000	0.7000	0.2308	0.0000	0.4809
AID644red	0.3000	0.7000	0.2308	0.0000	0.4809
AID687AID721red	0.0006	0.9994	0.0006	0.0000	0.0017
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.2222	0.7778	0.1818	0.0000	0.4150
AID721red	0.2222	0.7778	0.1818	0.0000	0.4150
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.7559	0.2441	0.4305	0.0000	0.3958
air_pollution	0.0967	0.2581	0.0252	0.0000	0.3728
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.6952	0.1219	0.1640	0.0000	0.2187
all-aml	0.3333	0.6667	0.2500	0.0000	0.5000
alzheimers	0.6465	0.3535	0.3927	0.0000	0.4765
anneal	0.0112	0.3955	0.0044	0.0000	0.2787
antivirus	0.1892	0.8108	0.1591	0.0000	0.3767
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.6147	0.1926	0.1904	0.0000	0.2485
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.0944	0.1811	0.0173	0.0000	0.3111
anxiety	0.1083	0.1981	0.0217	0.0000	0.4062
apple-quality	0.5000	0.5000	0.3333	0.0000	0.5283
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis	0.9920	0.0080	0.4980	0.0000	0.0321
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis1%	0.0080	0.9920	0.0079	0.0000	0.0226
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.0444	0.1911	0.0085	0.0000	0.3012
auction	0.8725	0.1275	0.4660	0.0000	0.2639
audiology	0.2727	0.1322	0.0390	0.0000	0.3533
audit-risk	0.3974	0.6026	0.2844	0.0000	0.5233
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	0.5172	0.4828	0.3409	0.0000	0.5257
autos	0.3000	0.2800	0.0923	0.0000	0.3703
avila	0.4106	0.0982	0.0485	0.0000	0.2872
babies	0.3871	0.1751	0.0797	0.0000	0.2801
balance	0.4839	0.3441	0.2174	0.0000	0.3289
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.5547	0.4453	0.3568	0.0000	0.5166
bankruptcy	0.6000	0.4000	0.3750	0.0000	0.5000
barleyblumeria	0.6382	0.3618	0.3896	0.0000	0.4812
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9911	0.0089	0.4978	0.0000	0.0350
biodeg	0.6190	0.3810	0.3824	0.0000	0.4912
biomed	0.3810	0.6190	0.2759	0.0000	0.5189
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.0031	0.2848	0.0009	0.0000	0.0197
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.5455	0.4545	0.3529	0.0000	0.5193
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.2727	0.2424	0.0714	0.0000	0.3750
bridges	0.1000	0.3000	0.0303	0.0000	0.3517
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	0.7000	0.3000	0.4118	0.0000	0.4416
caesarian	0.3750	0.6250	0.2727	0.0000	0.5170
cancer	0.6522	0.3478	0.3947	0.0000	0.4732
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.6954	0.1523	0.2051	0.0000	0.2293
car-insurance	0.6870	0.3130	0.4072	0.0000	0.4509
card	0.4203	0.5797	0.2959	0.0000	0.5277
cardiotocography	0.0329	0.1934	0.0064	0.0000	0.3812
cardiotocography-nsp	0.1361	0.5759	0.0799	0.0000	0.2637
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	0.3173	0.4552	0.1606	0.0000	0.4186
cars	0.6250	0.2500	0.2564	0.0000	0.3255
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MACCS	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_MACCS_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds	0.0398	0.9602	0.0383	0.0000	0.1061
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
ccds10%	0.0384	0.9616	0.0370	0.0000	0.1027
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.4887	0.0000	0.1233
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.9361	0.0639	0.4835	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.3333	0.6667	0.2500	0.0000	0.5000
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9070	0.0930	0.4756	0.0000	0.2126
children-anemia	0.2740	0.3630	0.1075	0.0000	0.3422
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chrom21	0.9998	0.0002	0.5000	0.0000	0.0013
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chrom2110%	0.9998	0.0002	0.4999	0.0000	0.0015
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.2040	0.7960	0.1694	0.0000	0.3947
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.6211	0.3789	0.3831	0.0000	0.4902
circles	0.0100	0.0198	0.0002	0.0000	0.4363
cirrhosis	0.3810	0.4127	0.1839	0.0000	0.3169
cjs	0.1464	0.2845	0.0426	0.0000	0.3978
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.1648	0.4176	0.0707	0.0000	0.3577
climate	0.0741	0.9259	0.0690	0.0000	0.1846
cll_sub_111	0.1667	0.5556	0.0952	0.0000	0.4119
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9	0.1111	0.1975	0.0222	0.0000	0.4060
codon_usage	0.2180	0.1422	0.0325	0.0000	0.3202
coil20	0.0486	0.0951	0.0046	0.0000	0.4166
college	0.7273	0.2727	0.4211	0.0000	0.4205
collins	0.0800	0.1227	0.0099	0.0000	0.3886
colon-tumor	0.3333	0.6667	0.2500	0.0000	0.5000
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.6774	0.3226	0.4038	0.0000	0.4574
column-3c	0.1935	0.5376	0.1081	0.0000	0.4148

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.4952	0.5048	0.3312	0.0000	0.5289
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.1367	0.8633	0.1202	0.0000	0.3014
covtypeT	0.9301	0.0699	0.4819	0.0000	0.1733
crabs	0.2500	0.3750	0.1000	0.0000	0.4042
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.0230	0.3257	0.0075	0.0000	0.2607
cryotherapy	0.4444	0.5556	0.3077	0.0000	0.5302
cultivars	0.0312	0.0605	0.0019	0.0000	0.4228
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.4444	0.5556	0.3077	0.0000	0.5302
cylinder-bands	0.4259	0.5741	0.2987	0.0000	0.5284
darwin	0.5000	0.5000	0.3333	0.0000	0.5283
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	0.5714	0.4286	0.3636	0.0000	0.5112
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.8395	0.1605	0.4564	0.0000	0.3070
dementia	0.5200	0.4800	0.3421	0.0000	0.5251
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.2973	0.2342	0.0764	0.0000	0.3667
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.3750	0.4167	0.1818	0.0000	0.4053
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.6154	0.3846	0.3810	0.0000	0.4929
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic	0.5392	0.3072	0.2335	0.0000	0.3425
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	0.5833	0.4167	0.3684	0.0000	0.5068
diamonds	0.2667	0.3667	0.1053	0.0000	0.3871
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	0.3125	0.6875	0.2381	0.0000	0.4887
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.4286	0.0000	0.4011
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.4000	0.6000	0.2857	0.0000	0.5239
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.3228	0.4515	0.1627	0.0000	0.3888
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.1277	0.2492	0.0323	0.0000	0.3211
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.1223	0.2508	0.0311	0.0000	0.3189

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.2181	0.2234	0.0512	0.0000	0.3777
drug-07	0.3617	0.2128	0.0885	0.0000	0.2699
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5798	0.1201	0.1049	0.0000	0.2556
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5213	0.1596	0.1142	0.0000	0.2921
drug-17	0.1064	0.2553	0.0275	0.0000	0.3792
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.4412	0.1863	0.1020	0.0000	0.3169
ecoliCP-IM	0.6364	0.3636	0.3889	0.0000	0.4822
ecoliM	0.2424	0.7576	0.1951	0.0000	0.4352
ecoliMU	0.0909	0.9091	0.0833	0.0000	0.2192
ecoliOM	0.0606	0.9394	0.0571	0.0000	0.1551
ecommerce	0.2600	0.3700	0.1032	0.0000	0.4027
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.5507	0.4493	0.3551	0.0000	0.5178
eeg10%	0.0186	0.1227	0.0023	0.0000	0.3887
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.2877	0.2849	0.0894	0.0000	0.3817
euthyroid	0.0981	0.9019	0.0893	0.0000	0.2332
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5490	0.4510	0.3544	0.0000	0.5183
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.2500	0.2500	0.0667	0.0000	0.3665
flags	0.2000	0.2286	0.0476	0.0000	0.3593
fonts	0.0012	0.0131	0.0000	0.0000	0.3538
fonts10%	0.0012	0.0131	0.0000	0.0000	0.3539
forest	0.2500	0.3750	0.1000	0.0000	0.3924
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	0.5000	0.3333	0.2222	0.0000	0.3718
gender	0.5895	0.2737	0.2472	0.0000	0.3139
gene	0.2524	0.4984	0.1343	0.0000	0.4017
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.3810	0.2063	0.0920	0.0000	0.3180
glass-g2	0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP	0.3810	0.6190	0.2759	0.0000	0.5189
glassBWNFP	0.3333	0.6667	0.2500	0.0000	0.5000
glassContainers	0.0909	0.9091	0.0833	0.0000	0.2192
glassNW	0.7619	0.2381	0.4324	0.0000	0.3902
glassTableware	0.0455	0.9545	0.0435	0.0000	0.1198
glassVWFP	0.0476	0.9524	0.0455	0.0000	0.1250
GlaucomaM	0.4737	0.5263	0.3214	0.0000	0.5305

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.4000	0.4000	0.1905	0.0000	0.3928
glioma-grade	0.5833	0.4167	0.3684	0.0000	0.5068
green	0.3000	0.7000	0.2308	0.0000	0.4809
grub-damage	0.3333	0.3333	0.1250	0.0000	0.3817
gsalc	0.2222	0.2593	0.0606	0.0000	0.3838
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.2844	0.2862	0.0886	0.0000	0.3861
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.0898	0.2601	0.0235	0.0000	0.3024
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.4375	0.3750	0.2029	0.0000	0.3849
hcc-survival	0.4118	0.5882	0.2917	0.0000	0.5263
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.5926	0.4074	0.3721	0.0000	0.5031
heart-attack	0.5484	0.4516	0.3542	0.0000	0.5185
heart-c	0.5333	0.4667	0.3478	0.0000	0.5223
heart-failure	0.6860	0.3140	0.4069	0.0000	0.4516
heart-quantum	0.6000	0.4000	0.3750	0.0000	0.5000
hepatitis	0.2000	0.8000	0.1667	0.0000	0.3900
hepmass	0.5000	0.5000	0.3333	0.0000	0.5283
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-64inputs	0.2857	0.7143	0.2222	0.0000	0.4711
hERG-9inputs	0.2308	0.7692	0.1875	0.0000	0.4238
higgs	0.4694	0.5306	0.3195	0.0000	0.5306
higgs0.1%	0.4691	0.5309	0.3193	0.0000	0.5307
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.0441	0.0000	0.3747
hinselmann	0.2000	0.8000	0.1667	0.0000	0.3900
hitters	0.5312	0.4688	0.3469	0.0000	0.5228
hiv1-proteasa	0.8297	0.1703	0.4535	0.0000	0.3189
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.5278	0.3148	0.2303	0.0000	0.3606
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9084	0.0916	0.4760	0.0000	0.2103
hypothyroid	0.9098	0.0451	0.2382	0.0000	0.0980
hypothyroidT	0.9231	0.0769	0.4800	0.0000	0.1858
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.2222	0.7778	0.1818	0.0000	0.4150
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.3143	0.6857	0.2391	0.0000	0.4897
iris	0.4000	0.4000	0.1905	0.0000	0.4035
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.4000	0.6000	0.2857	0.0000	0.5239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.0769	0.3692	0.0286	0.0000	0.2777
kc1-class-level-top5percentDF	0.0667	0.9333	0.0625	0.0000	0.1686
kc2	0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup98	0.9493	0.0507	0.4870	0.0000	0.1370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup99	0.1986	0.0801	0.0166	0.0000	0.1547
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kddcup9910%	0.1969	0.0845	0.0173	0.0000	0.1636
kepler	0.2395	0.5070	0.1288	0.0000	0.3990
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882
krkopt	0.0995	0.1001	0.0101	0.0000	0.3511
krvskp	0.5235	0.4765	0.3436	0.0000	0.5245
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.3333	0.6667	0.2500	0.0000	0.5000
leaf	0.0294	0.0844	0.0025	0.0000	0.4116
led24	0.0500	0.2111	0.0106	0.0000	0.4127
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.0365	0.0741	0.0027	0.0000	0.4198
leukemia	0.2857	0.4762	0.1481	0.0000	0.4159
leukemia2	0.5714	0.4286	0.3636	0.0000	0.5112
libra	0.0833	0.1222	0.0103	0.0000	0.4070
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.0037	0.9963	0.0036	0.0000	0.0105
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.3235	0.6765	0.2444	0.0000	0.4949
loan	0.6230	0.3770	0.3838	0.0000	0.4892
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.0943	0.2588	0.0246	0.0000	0.3411
lung	0.6667	0.1333	0.1600	0.0000	0.2497
lung_discrete	0.1250	0.3500	0.0444	0.0000	0.4049
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.1111	0.8889	0.1000	0.0000	0.2575
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.5556	0.4444	0.3571	0.0000	0.5164
lymphography	0.0714	0.6190	0.0444	0.0000	0.3873
lymphoma2	0.4444	0.1852	0.1026	0.0000	0.3332
machine-failure	0.4149	0.5851	0.2932	0.0000	0.5268
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.6486	0.3514	0.3934	0.0000	0.4753
malware	0.1892	0.8108	0.1591	0.0000	0.3767
mammography	0.4688	0.5312	0.3191	0.0000	0.5307
marketing	0.1473	0.8527	0.1284	0.0000	0.3182
maternal	0.2673	0.4884	0.1406	0.0000	0.4218
math	0.3750	0.3125	0.1364	0.0000	0.3392
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.2500	0.3750	0.1000	0.0000	0.4042
mental-health	0.1967	0.3213	0.0657	0.0000	0.4025
messidor	0.4348	0.5652	0.3030	0.0000	0.5294
meter-A	0.3750	0.6250	0.2727	0.0000	0.5170
meter-B	0.2222	0.5185	0.1212	0.0000	0.4199
meter-C	0.3333	0.3333	0.1250	0.0000	0.3773

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
meter-D	0.2778	0.3611	0.1087	0.0000	0.3839
mfeat-fac	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-fou	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-kar	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-mor	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-pix	0.1000	0.1800	0.0182	0.0000	0.4073
mfeat-zer	0.1000	0.1800	0.0182	0.0000	0.4073
mice-prot	0.1389	0.2153	0.0305	0.0000	0.4014
milk	0.2358	0.5094	0.1272	0.0000	0.4229
mines	0.1765	0.3294	0.0600	0.0000	0.4046
mobile	0.0210	0.0350	0.0007	0.0000	0.4289
monks-1	0.4909	0.5091	0.3293	0.0000	0.5293
monks-2	0.6557	0.3443	0.3960	0.0000	0.4711
monks-3	0.5179	0.4821	0.3412	0.0000	0.5255
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	0.4822	0.5178	0.3253	0.0000	0.5301
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8412	0.0397	0.1142	0.0000	0.1264
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.1667	0.2778	0.0476	0.0000	0.4024
nci9	0.1667	0.2778	0.0476	0.0000	0.4024
ncRNA	0.7778	0.0234	0.0461	0.0000	0.1370
ncRNA1%	0.7780	0.0234	0.0461	0.0000	0.1369
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.7143	0.1905	0.2778	0.0000	0.2774
new-thyroidT	0.1429	0.8571	0.1250	0.0000	0.3113
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	0.8414	0.1586	0.4569	0.0000	0.3047
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.2917	0.4722	0.1505	0.0000	0.3860
nursery	0.3333	0.3333	0.1250	0.0000	0.3449
obesity	0.1374	0.2464	0.0345	0.0000	0.4038
obs	0.4630	0.2685	0.1582	0.0000	0.3435
occupancy	0.7690	0.2310	0.4347	0.0000	0.3835
Occupancy_Estimation	0.0454	0.4773	0.0217	0.0000	0.2154
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.0526	0.2105	0.0111	0.0000	0.3790
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.0890	0.1822	0.0163	0.0000	0.4089
optdigitsZ	0.0890	0.9110	0.0817	0.0000	0.2153
orl	0.0250	0.0488	0.0012	0.0000	0.4257
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.4683	0.5317	0.3189	0.0000	0.5307
p53-mutants	0.9952	0.0048	0.4988	0.0000	0.0208
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9031	0.0388	0.1898	0.0000	0.0975
parkinson	0.4083	0.5917	0.2899	0.0000	0.5256
parkinsons	0.3791	0.6209	0.2749	0.0000	0.5184
parkinsons-small	0.7368	0.2632	0.4242	0.0000	0.4125
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.2808	0.7192	0.2192	0.0000	0.4675
pasture	0.2500	0.5000	0.1333	0.0000	0.4055
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.2500	0.7500	0.2000	0.0000	0.4422
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.1028	0.1794	0.0186	0.0000	0.4062
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.3761	0.6239	0.2733	0.0000	0.5174
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.6700	0.3300	0.4012	0.0000	0.4623
phishing	0.6082	0.3918	0.3782	0.0000	0.4963
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr0.1%	0.1450	0.2443	0.0362	0.0000	0.4021
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.7167	0.2833	0.4175	0.0000	0.4290
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.3947	0.6053	0.2830	0.0000	0.5226
pirvision	0.8165	0.1224	0.2997	0.0000	0.2067
placement	0.5800	0.4200	0.3671	0.0000	0.5081
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
post-operative	0.3333	0.6667	0.2500	0.0000	0.5000
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.5000	0.5000	0.3333	0.0000	0.5283
prestige	0.3333	0.4444	0.1667	0.0000	0.4024
primary-tumor	0.1818	0.1259	0.0237	0.0000	0.3708
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.3284	0.6716	0.2472	0.0000	0.4975
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.4286	0.5714	0.3000	0.0000	0.5288
prostate_GE	0.4545	0.5455	0.3125	0.0000	0.5306
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pufs-128	0.4999	0.5001	0.3333	0.0000	0.5283
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.5004	0.4996	0.3335	0.0000	0.5283
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283
pulsar	0.9074	0.0926	0.4757	0.0000	0.2118
raisin	0.5000	0.5000	0.3333	0.0000	0.5283
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
rcv110%	0.0399	0.0384	0.0015	0.0000	0.3202
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.4078	0.5922	0.2897	0.0000	0.5255
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.2271	0.2576	0.0617	0.0000	0.3819
satimageF	0.8911	0.1089	0.4712	0.0000	0.2371
satimageT	0.1011	0.8989	0.0918	0.0000	0.2389
scadi	0.4286	0.2286	0.1200	0.0000	0.3480
schiller	0.2222	0.7778	0.1818	0.0000	0.4150
schizo	0.5000	0.5000	0.3333	0.0000	0.5283
sclerosis	0.4444	0.5556	0.3077	0.0000	0.5302
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.3333	0.4444	0.1667	0.0000	0.4167
segment	0.1472	0.2437	0.0367	0.0000	0.4017
segmentation	0.6436	0.3564	0.3916	0.0000	0.4782
segmentO	0.1472	0.8528	0.1283	0.0000	0.3180
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.1006	0.8994	0.0914	0.0000	0.2381
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8459	0.1541	0.4583	0.0000	0.2991
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sick	0.9337	0.0663	0.4829	0.0000	0.1669
sirtuin6	0.5000	0.5000	0.3333	0.0000	0.5283
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.7921	0.2079	0.4420	0.0000	0.3605
smarket	0.5120	0.4880	0.3386	0.0000	0.5266
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.6328	0.3672	0.3876	0.0000	0.4841
soil_pollution	0.1933	0.3227	0.0648	0.0000	0.4031
solar-flare	0.2878	0.2374	0.0745	0.0000	0.3586
sonar	0.5000	0.5000	0.3333	0.0000	0.5283
soybean	0.0147	0.1037	0.0015	0.0000	0.3908
spam-detection	0.9080	0.0920	0.4759	0.0000	0.2109
spambase	0.3957	0.6043	0.2835	0.0000	0.5229
spect	0.7778	0.2222	0.4375	0.0000	0.3750
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.0769	0.0684	0.0053	0.0000	0.3940
splice-EI	0.2524	0.7476	0.2015	0.0000	0.4443
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.3700	0.6300	0.2701	0.0000	0.5154
squash-stored	0.4000	0.4000	0.1905	0.0000	0.3928
squash-unstored	0.4000	0.6000	0.2857	0.0000	0.5239
startup	0.6452	0.3548	0.3922	0.0000	0.4773
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.7897	0.2103	0.4413	0.0000	0.3630
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.7949	0.2051	0.4429	0.0000	0.3576
steel-o	0.6513	0.3487	0.3944	0.0000	0.4738
steel-p	0.0821	0.9179	0.0758	0.0000	0.2013
steel-s	0.9590	0.0410	0.4895	0.0000	0.1168
steel-z	0.9026	0.0974	0.4744	0.0000	0.2196
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8194	0.1806	0.4504	0.0000	0.3308
stockb	0.3348	0.4435	0.1672	0.0000	0.4165
streaming	0.4480	0.5520	0.3094	0.0000	0.5304
stress	0.1905	0.3238	0.0640	0.0000	0.4034
student-lifestyle	0.4550	0.2180	0.1251	0.0000	0.2839
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.0500	0.3800	0.0190	0.0000	0.3776
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.1852	0.0000	0.4010
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.3333	0.4444	0.1667	0.0000	0.4167
telco-churn	0.2656	0.7344	0.2099	0.0000	0.4556
texture	0.0927	0.1650	0.0154	0.0000	0.4063
theorem	0.5827	0.4173	0.3681	0.0000	0.5071
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.7105	0.2895	0.4154	0.0000	0.4337
tic-tac-toe	0.6632	0.3368	0.3987	0.0000	0.4666
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
titanic	0.3227	0.6773	0.2440	0.0000	0.4945
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.2941	0.3529	0.1136	0.0000	0.3969
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7600	0.2400	0.4318	0.0000	0.3920
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.2903	0.1774	0.0563	0.0000	0.3607
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.1905	0.2698	0.0533	0.0000	0.3330
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.7982	0.2018	0.4439	0.0000	0.3541
turkish	0.2500	0.3750	0.1000	0.0000	0.4042
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.3692	0.6308	0.2697	0.0000	0.5151
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.1493	0.1891	0.0289	0.0000	0.3768
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago	0.0097	0.9903	0.0096	0.0000	0.0276
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
ustilago10%	0.0107	0.9893	0.0106	0.0000	0.0301
vehicle	0.2500	0.3750	0.1000	0.0000	0.3964
vehicleVAN	0.2500	0.7500	0.2000	0.0000	0.4422
voice	0.3333	0.6667	0.2500	0.0000	0.5000
vote	0.4884	0.5116	0.3281	0.0000	0.5296
vowel	0.0909	0.1653	0.0152	0.0000	0.4085
vowelZ	0.0909	0.9091	0.0833	0.0000	0.2192
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.1538	0.1692	0.0267	0.0000	0.3906
warppie10p	0.0952	0.1810	0.0174	0.0000	0.4068
watch-acc	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc1%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.1341	0.2474	0.0338	0.0000	0.4044
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.3340	0.4440	0.1669	0.0000	0.4165
weather-related	0.1942	0.1465	0.0296	0.0000	0.3765
web-phishing	0.0741	0.6173	0.0460	0.0000	0.3984
Weekly	0.4444	0.5556	0.3077	0.0000	0.5302
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.2500	0.3750	0.1000	0.0000	0.4042
wilt	0.0497	0.9503	0.0473	0.0000	0.1299
wine	0.2353	0.5098	0.1270	0.0000	0.3739
winequality-red	0.4277	0.1908	0.0999	0.0000	0.2585
winequality-white	0.4479	0.1840	0.1031	0.0000	0.2779
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	0.3684	0.6316	0.2692	0.0000	0.5148
yale	0.0625	0.1250	0.0078	0.0000	0.4106

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeast	0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2	0.0473	0.9527	0.0452	0.0000	0.1242
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 493: Detailed results for WSRFOREST

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1687	0.0792	0.1268	0.0874	0.5929
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9726	0.0274	0.8519	0.6540	0.0876
accelerometer	0.9850	0.0150	0.7214	0.3460	0.2774
accident	0.6000	0.4000	0.6000	0.2000	0.9288
ads	0.8598	0.1402	0.4623	0.0000	0.2812
adult	0.7631	0.2369	0.4328	0.0000	0.3891
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8000	0.2000	0.5220	0.0256	0.7084
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID373AID439red	0.0002	0.9998	0.0002	0.0000	0.0005
AID373red	0.0010	0.9990	0.0010	0.0000	0.0029
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID604	0.0036	0.9964	0.0035	0.0000	0.0102
AID604AID644_AllRed	0.9990	0.0010	0.4997	0.0000	0.0055
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
AID746red	0.0060	0.9940	0.0060	0.0000	0.0172
aids	0.8873	0.1127	0.8401	0.6734	0.4986
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
airline	0.5655	0.4345	0.3612	0.0000	0.5132
alcohol	0.8286	0.0686	0.5370	0.5724	0.1726
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9535	0.0465	0.9489	0.8970	0.2464
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9805	0.0097	0.9453	0.9627	0.0473
anuran-genus	0.9819	0.0045	0.9492	0.9702	0.0598
anuran-species	0.9806	0.0039	0.9553	0.9729	0.0260
anxiety	0.0917	0.2019	0.0867	-0.0234	0.7844
apple-quality	0.8875	0.1125	0.8881	0.7750	0.4614
aps-failure	0.9820	0.0180	0.4955	0.0000	0.0617
arabidopsis0.1%	0.0088	0.9912	0.0087	0.0000	0.0250
arabidopsis10%	0.9920	0.0080	0.4980	0.0000	0.0321
arcene	0.4000	0.6000	0.2857	0.0000	0.5239
arrhythmia	0.8000	0.0400	0.7018	0.6806	0.2471

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.9091	0.0165	0.8590	0.8942	0.0424
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.3636	0.6364	0.2667	0.0000	0.5131
autism-adult	0.7286	0.2714	0.4215	0.0000	0.4194
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9064	0.8667	0.0861
avila	0.9971	0.0005	0.9938	0.9963	0.0094
babies	0.4274	0.1636	0.1988	0.1153	0.5356
balance	0.9032	0.0645	0.6287	0.8199	0.2332
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8868	0.7578	0.3593
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio	0.9911	0.0089	0.4978	0.0000	0.0350
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8857	0.1143	0.8780	0.7553	0.4788
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin	0.0032	0.0906	0.0003	0.0000	0.0134
bitcoin1%	0.9856	0.0041	0.1418	-0.0004	0.1106
bitcoin10%	0.0032	0.1812	0.0006	0.0000	0.0166
body-perf	0.2500	0.3750	0.1000	0.0000	0.4042
bookings	0.6295	0.2470	0.2576	0.0000	0.2582
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.6620	0.5686	0.1945
bridges	0.9000	0.0333	0.7895	0.8571	0.0318
bub10at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub12at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
bub8at310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4850	0.3433	0.3224	0.0112	0.5382
car	0.9655	0.0172	0.9634	0.9282	0.1593
car-insurance	0.8490	0.1510	0.8231	0.6461	0.5968
card	0.8696	0.1304	0.8695	0.7361	0.5115
cardiotocography	0.8873	0.0225	0.8870	0.8649	0.1346
cardiotocography-nsp	0.9624	0.0250	0.9213	0.8942	0.1349
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.9000	0.0667	0.8471	0.8178	0.2204
cas_N6512_cdk_ECFP2	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_rdkit_ATOMPAIR	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_rdkit_FEATMORGAN	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Featmorgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_RDkit_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.8003	0.1997	0.7988	0.5976	0.6649
cas_N6512_RDkit_MACCS_FP	0.8144	0.1856	0.8156	0.6290	0.6309

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.4615	0.5385	0.3158	0.0000	0.5307
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
cdc_diabetes	0.8424	0.1051	0.3048	0.0000	0.1703
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.3523	0.6477	0.2605	0.0000	0.5087
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9542	0.0458	0.6647	0.1532	0.2651
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
census	0.0639	0.9361	0.0600	0.0000	0.1624
census10%	0.9402	0.0598	0.4846	0.0000	0.1548
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9884	0.0116	0.9446	0.8828	0.3522
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9422	0.0289	0.9393	0.9138	0.1392
chrom19	0.9991	0.0009	0.4998	0.0000	0.0052
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9993	0.0007	0.8332	0.6663	0.4330
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9337	0.0663	0.7225	0.2510	0.1683
churn	0.8530	0.1470	0.7508	0.4865	0.6200
churn-bigml	0.8539	0.1461	0.4606	0.0000	0.2888
ci900367j_MACCS	0.7053	0.2947	0.6729	0.3303	0.8030
circles	0.9890	0.0002	0.9897	0.9889	0.0052
cirrhosis	0.8095	0.1270	0.5475	0.6093	0.3049
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.6500	0.3500	0.3939	0.0000	0.4745
clave	0.8167	0.0917	0.6750	0.7116	0.3621
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5714	0.2857	0.5478	0.3206	0.6760
cnae-9	0.9537	0.0103	0.9550	0.9479	0.0519
codon_usage	0.9117	0.0160	0.7522	0.8920	0.1050
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.6009	0.1989	0.8928
colposcopies-2	0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3	0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6207	0.3793	0.6316	0.2276	0.8192
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.7419	0.1720	0.6451	0.5804	0.3096
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
comedy_comparisons10%	0.4827	0.5173	0.3256	0.0000	0.5300
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7596	0.2404	0.7635	0.5199	0.7142
coupon	0.5686	0.4314	0.3625	0.0000	0.5122
covid19	0.3638	0.1818	0.0762	0.0000	0.2356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
covtype	0.3646	0.1815	0.0763	0.0000	0.2474
covtype10%	0.3645	0.1816	0.0763	0.0000	0.2474
covtypeCD	0.9925	0.0075	0.9841	0.9683	0.0937
covtypeT	0.9870	0.0130	0.9487	0.8965	0.1854
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans	0.9983	0.0017	0.4996	0.0000	0.0088
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9447	0.0184	0.8395	0.8833	0.1056
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.6250	0.0187	0.4570	0.6137	0.0554
customer-churn	0.9830	0.0170	0.7419	0.4508	0.4072
cybersecurity	0.1767	0.2744	0.1772	0.0100	0.8604
cyclopentane	0.7778	0.2222	0.7750	0.5500	0.7072
cylinder-bands	0.8148	0.1852	0.8094	0.6170	0.6347
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dating	0.0998	0.1800	0.0181	0.0000	0.4073
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7790	0.2210	0.4379	0.0000	0.3738
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8830	0.1170	0.4689	0.0000	0.2491
depressed	0.8392	0.1608	0.6278	0.1151	0.4783
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.5032	0.3143	0.4486
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8125	0.1250	0.8268	0.7108	0.3168
DIA	0.8333	0.1667	0.7585	0.4595	0.5191
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-100k	0.9150	0.0850	0.4778	0.0000	0.1995
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.3995	0.2402	0.1142	0.0000	0.3299
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dna0.1%	0.0028	0.9972	0.0028	0.0000	0.0080
dna1%	0.0028	0.9972	0.0028	0.0000	0.0079
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota2	0.4727	0.5273	0.3210	0.0000	0.5305
dota210%	0.4728	0.5272	0.3210	0.0000	0.5305
drebin	0.3699	0.6301	0.2700	0.0000	0.5154
dropout	0.7562	0.1625	0.6562	0.5869	0.4608
drug-01	0.3723	0.1793	0.1607	0.0080	0.5253
drug-02	0.5000	0.1429	0.1740	0.1035	0.5613
drug-03	0.6915	0.1028	0.2193	0.0900	0.3448
drug-04	0.5213	0.1368	0.2312	0.1005	0.6046
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4043	0.1702	0.2290	0.2482	0.5340
drug-07	0.4202	0.1933	0.1752	0.0423	0.4675
drug-08	0.5691	0.1231	0.2127	0.1648	0.4228
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5372	0.1322	0.1606	0.1107	0.4850

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.8457	0.0441	0.1309	-0.0065	0.2227
drug-12	0.7926	0.0593	0.1263	0.0000	0.1541
drug-13	0.6064	0.1125	0.2354	0.2044	0.4097
drug-14	0.6117	0.1109	0.3289	0.3056	0.5262
drug-15	0.7553	0.0699	0.1708	0.0513	0.2702
drug-16	0.5585	0.1261	0.2288	0.2456	0.4648
drug-17	0.3564	0.1839	0.1329	0.1116	0.6052
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7606	0.0684	0.1238	0.0007	0.2412
drybean	0.1484	0.2433	0.0369	0.0000	0.3833
ecoli	0.8235	0.0588	0.6893	0.7521	0.1465
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3000	0.3500	0.3067	0.0628	0.7984
eeg	0.0169	0.1229	0.0021	0.0000	0.3896
eeg-eye	0.9146	0.0854	0.9140	0.8261	0.3749
eeg10%	0.4619	0.0673	0.4720	0.4004	0.4941
email_phishing	0.9868	0.0132	0.4967	0.0000	0.0482
eucalyptus	0.7123	0.1151	0.7021	0.6273	0.3014
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq	0.5269	0.4731	0.3451	0.0000	0.5238
exon.vs.intron-freq10%	0.5269	0.4731	0.3451	0.0000	0.5238
fakenews	0.5600	0.4400	0.5614	0.1174	0.9414
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7843	0.2157	0.7956	0.5487	0.5562
financial-risk	0.9305	0.0232	0.8587	0.8901	0.1387
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.2000	0.2286	0.0476	0.0000	0.3593
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.1316	0.2895	0.0388	0.0000	0.4034
gastrointestinal	1.0000	0.0000	1.0000	1.0000	0.0000
gender	0.5853	0.2765	0.4328	0.0955	0.6111
gene	0.9401	0.0400	0.9342	0.9044	0.1705
german	0.7300	0.2700	0.6933	0.3005	0.6209
gestures	0.2491	0.3754	0.0997	0.0000	0.4043
gina	0.4899	0.5101	0.3288	0.0000	0.5294
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.8571	0.0476	0.7902	0.8025	0.1487
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.5333	0.2333	0.5884	0.3598	0.4954
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.6667	0.3333	0.4923	-0.0135	0.9051
hapt	0.0073	0.1654	0.0012	0.0000	0.3596

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
har	0.9964	0.0014	0.9960	0.9955	0.0099
har70	0.0899	0.2600	0.0236	0.0000	0.3023
har701%	0.9252	0.0214	0.5432	0.8886	0.0984
har7010%	0.0899	0.2600	0.0236	0.0000	0.3023
harth	0.0610	0.1565	0.0096	0.0000	0.3036
harth1%	0.8756	0.0207	0.5991	0.8299	0.1909
harth10%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.5882	0.4118	0.5845	0.1678	0.9290
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.9032	0.0968	0.9038	0.8058	0.4189
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9840	0.0160	0.9814	0.9626	0.1065
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hepmass1%	0.5042	0.4958	0.3352	0.0000	0.5278
hepmass10%	0.5030	0.4970	0.3347	0.0000	0.5279
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6864	0.3136	0.6874	0.3735	0.8343
higgs1%	0.4686	0.5314	0.3191	0.0000	0.5307
higgs10%	0.4705	0.5295	0.3200	0.0000	0.5306
higher	0.2143	0.1964	0.1529	0.0494	0.3328
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8921	0.1079	0.7859	0.5337	0.4631
hiva	0.0355	0.9645	0.0342	0.0000	0.0954
horse	0.6667	0.2222	0.6461	0.4000	0.5440
hotel-reservartions	0.6723	0.3277	0.4020	0.0000	0.4608
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor	0.3288	0.4475	0.1650	0.0000	0.4157
ht-sensor10%	0.3287	0.4475	0.1649	0.0000	0.4157
htru2	0.9788	0.0212	0.9342	0.8674	0.2355
hypothyroid	0.9920	0.0040	0.7262	0.9519	0.0836
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7119	0.2881	0.6069	0.1995	0.8360
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.2500	0.3750	0.1000	0.0000	0.4042
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8246	0.1754	0.6595	0.2584	0.6324
jvowels	0.9729	0.0060	0.9713	0.9693	0.0446
kc1	0.8578	0.1422	0.6854	0.3486	0.6576
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.1968	0.1236	0.0253	0.0000	0.1845
kepler	0.8933	0.0711	0.8554	0.8238	0.2019
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.6250	0.3750	0.3846	0.0000	0.4882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krkopt	0.8396	0.0178	0.8588	0.8208	0.2022
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0256	0.6461	0.6901	0.0832
led24	0.6500	0.0700	0.6222	0.6078	0.1637
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9620	0.0029	0.9619	0.9605	0.0451
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.9167	0.0111	0.9332	0.9104	0.0389
linkage	0.0036	0.9964	0.0036	0.0000	0.0104
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
linkage10%	0.0037	0.9963	0.0036	0.0000	0.0105
liver	0.7059	0.2941	0.6640	0.3281	0.8338
loan	0.9883	0.0117	0.9875	0.9750	0.0789
localization	0.1984	0.1457	0.0301	0.0000	0.3192
localization10%	0.6851	0.0573	0.4331	0.5944	0.4016
lrs	0.8302	0.0485	0.6262	0.7636	0.1469
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.7500	0.0714	0.6349	0.7037	0.0872
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.7000	0.1200	0.1647	0.0000	0.2315
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.5000	0.5000	0.3333	0.0000	0.5283
magic04	0.8780	0.1220	0.8641	0.7257	0.4961
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8251	0.6468	0.6085
marketing	0.8973	0.1027	0.7645	0.4636	0.4167
maternal	0.7822	0.1452	0.7884	0.6697	0.4361
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.1452	0.5699	0.0845	0.0000	0.1884
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2600	0.2960	0.2672	0.0747	0.8111
messidor	0.6870	0.3130	0.6869	0.3718	0.8313
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9700	0.0060	0.9708	0.9667	0.0375
mfeat-fou	0.8100	0.0380	0.8083	0.7889	0.1436
mfeat-kar	0.9700	0.0060	0.9712	0.9667	0.0374
mfeat-mor	0.6800	0.0640	0.6877	0.6444	0.2056
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-zer	0.7800	0.0440	0.7777	0.7556	0.1408
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6176	0.1529	0.6004	0.5206	0.3846
mobile	0.9476	0.0019	0.9519	0.9466	0.0232
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9344	0.0656	0.9290	0.8479	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4944	0.0919	0.5295	0.3927	0.5401
musk	0.8455	0.1545	0.4581	0.0000	0.2996
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_ECFP6	0.4180	0.5820	0.2948	0.0000	0.5273
MUT_ci300400a_cdk_ESTATE	0.7818	0.2182	0.7739	0.5468	0.7016
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.8585	0.1415	0.8559	0.7112	0.5460
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_cdk_STANDARD	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.4261	0.5739	0.2988	0.0000	0.5285
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.4988	0.5012	0.3328	0.0000	0.5285
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	1.0000	0.0000	1.0000	1.0000	0.0000
ncRNA1%	0.9175	0.0087	0.5414	0.7674	0.3246
ncRNA10%	0.7777	0.0234	0.0461	0.0000	0.1370
neo	0.9168	0.0832	0.7112	0.3815	0.5269
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.4677	0.5323	0.3187	0.0000	0.5307
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.4583	0.3611	0.3082	-0.0075	0.6305
nursery	0.9969	0.0015	0.9976	0.9955	0.0104
obesity	0.9668	0.0095	0.9661	0.9613	0.0518
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9919	0.9837	0.0754
Occupancy_Estimation	0.9941	0.0030	0.9783	0.9819	0.0134
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9451	0.9339	0.0357
opn310k	0.9091	0.0909	0.4762	0.0000	0.2092
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
opnat310k-hg16-17	0.9090	0.0910	0.4762	0.0000	0.2093
optdigits	0.9662	0.0068	0.9679	0.9624	0.0494
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.1000	0.1800	0.0182	0.0000	0.4073
ovarian-cancer	0.6400	0.3600	0.3902	0.0000	0.4802
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9328	0.0672	0.7031	0.1787	0.1695
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8837	0.7626	0.4657
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9835	0.0066	0.9073	0.9066	0.2490
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9052	0.0948	0.8993	0.7987	0.4298
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle	0.2806	0.7194	0.2191	0.0000	0.4674
particle10%	0.9192	0.0808	0.8996	0.7992	0.4154
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8816	0.1184	0.8343	0.6400	0.4189
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9918	0.0016	0.9917	0.9909	0.0153
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8222	0.1778	0.8077	0.6133	0.6283
personalities	0.0627	0.1172	0.0074	0.0000	0.4134
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9510	0.0490	0.9485	0.8968	0.2646
PhiUSIIL	0.5719	0.4281	0.3638	0.0000	0.5111
PhiUSIIL10%	0.5717	0.4283	0.3637	0.0000	0.5111
phone-acc	0.1417	0.2452	0.0355	0.0000	0.4030
phone-acc0.1%	0.8851	0.0328	0.8783	0.8657	0.1187
phone-acc1%	0.1418	0.2452	0.0355	0.0000	0.4030
phone-acc10%	0.1417	0.2452	0.0355	0.0000	0.4030
phone-gyr0.1%	0.9153	0.0242	0.9086	0.9010	0.1120
phone-gyr1%	0.1453	0.2442	0.0362	0.0000	0.4021
phone-gyr10%	0.1453	0.2442	0.0362	0.0000	0.4021
phoneme	0.9185	0.0815	0.8990	0.7978	0.4142
phy	0.5028	0.4972	0.3346	0.0000	0.5280
pima	0.7237	0.2763	0.7044	0.4045	0.7932
pirvision	0.9987	0.0009	0.9977	0.9959	0.0038
placement	0.7960	0.2040	0.7888	0.5720	0.6614
plant-growth	0.7368	0.2632	0.7449	0.4633	0.6993
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker	0.4997	0.1112	0.0740	0.0000	0.1799
poker1%	0.6341	0.1045	0.1858	0.2999	0.2571
poker10%	0.4997	0.1251	0.0833	0.0000	0.1890
polish-1st	0.9673	0.0327	0.7250	0.2506	0.0987
polish-2nd	0.9617	0.0383	0.6363	0.1257	0.3066
polish-3rd	0.9457	0.0543	0.4860	-0.0118	0.5026
polish-4th	0.9622	0.0378	0.7760	0.5140	0.3801
polish-5th	0.9611	0.0389	0.8279	0.6163	0.2656
polya	0.3578	0.6422	0.2635	0.0000	0.5109
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.2083	0.3167	0.0690	0.0000	0.4007
pred-tox_mutagen_ref-desc	0.7353	0.2647	0.7357	0.4706	0.7701
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.5152	0.0746	0.4386	0.4545	0.2442
processed	0.6779	0.3221	0.4040	0.0000	0.4571
profb	0.6567	0.3433	0.6064	0.2126	0.8886
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio	0.3057	0.2777	0.0936	0.0000	0.3559
puc-rio10%	0.9897	0.0041	0.9806	0.9862	0.0271
pufs-1281%	0.4998	0.5002	0.3333	0.0000	0.5283
pufs-12810%	0.5000	0.5000	0.3333	0.0000	0.5283
pufs-64	0.5002	0.4998	0.3334	0.0000	0.5283
pufs-641%	0.4979	0.5021	0.4959	-0.0048	0.8519
pufs-6410%	0.5002	0.4998	0.3334	0.0000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.5492	0.4508	0.3545	0.0000	0.5182
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.7155	0.2845	0.7099	0.4188	0.8008
RT_IOT2022	0.0336	0.1611	0.0054	0.0000	0.1744
satimage	0.9098	0.0301	0.8969	0.8884	0.1385
satimageF	0.8911	0.1089	0.4712	0.0000	0.2371
satimageT	0.9378	0.0622	0.8044	0.5768	0.3875
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.4412	0.5588	0.4351	-0.1176	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
secondary_mushroom	0.5548	0.4452	0.3568	0.0000	0.5166
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9524	0.0136	0.9570	0.9443	0.0701
segmentation	0.8564	0.1436	0.8423	0.6841	0.5628
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8688	0.1312	0.6596	0.0335	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.1316	0.8684	0.1163	0.0000	0.2931
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-8-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sens-9-gram	0.8737	0.1263	0.6333	0.1180	0.4289
sensorless	0.0908	0.1653	0.0151	0.0000	0.4085
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9002	0.0998	0.7928	0.5783	0.5474
shuttle	1.0000	0.0000	1.0000	1.0000	0.0000
sick	0.9814	0.0186	0.9205	0.8276	0.0656
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9996	0.0004	0.9994	0.9988	0.0088
skin10%	0.9963	0.0037	0.9944	0.9888	0.0438
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1442	-0.1290	0.8776
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.8355	0.1645	0.8227	0.6453	0.6098
soil_pollution	0.1833	0.3267	0.1785	-0.0205	0.8472
solar-flare	0.7842	0.0719	0.6407	0.7231	0.1883
sonar	0.7000	0.3000	0.7041	0.4000	0.7994
soybean	1.0000	0.0000	1.0000	1.0000	0.0000
spam-detection	0.9505	0.0495	0.8467	0.6925	0.4592
spambase	0.9522	0.0478	0.9499	0.8994	0.2552
spect	0.7778	0.2222	0.6403	0.2703	0.7789
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer	0.7115	0.0214	0.5756	0.6940	0.0972
splice-EI	0.9779	0.0221	0.9712	0.9422	0.1877
splice-IE	0.9464	0.0536	0.9278	0.8549	0.3500

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sport-articles	0.8300	0.1700	0.8188	0.6374	0.6209
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.4000	0.4000	0.3419	0.0625	0.2379
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9201	0.0533	0.8983	0.8698	0.1995
steel-b	0.8872	0.1128	0.8173	0.6194	0.4969
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.8410	0.1590	0.8212	0.6284	0.5502
steel-p	0.9385	0.0615	0.7734	0.5390	0.5226
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9949	0.0051	0.9853	0.9701	0.0240
stellar	0.5945	0.2703	0.2486	0.0000	0.3397
stock	0.8958	0.1042	0.8069	0.5931	0.4811
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.5950	0.1620	0.3403	0.3412	0.5068
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3400	0.2640	0.2459	-0.0412	0.4807
student-weekend	0.4462	0.2215	0.3422	0.1804	0.5150
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.6426	0.3868	0.5042
susy	0.5420	0.4580	0.3515	0.0000	0.5202
susy1%	0.4580	0.5420	0.3141	0.0000	0.5307
susy10%	0.5420	0.4580	0.3515	0.0000	0.5202
swarm_aligned	0.6876	0.3124	0.4075	0.0000	0.4505
swarm_flocking	0.5000	0.5000	0.3333	0.0000	0.5283
swarm_grouped	0.6249	0.3751	0.3846	0.0000	0.4882
tae	0.5333	0.3111	0.5191	0.3000	0.5662
telco-churn	0.9034	0.0966	0.8727	0.7428	0.4512
texture	0.9800	0.0036	0.9811	0.9779	0.0287
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9791	0.0209	0.4947	0.0000	0.0694
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis	0.2476	0.7524	0.1984	0.0000	0.4400
tis10%	0.2463	0.7537	0.1976	0.0000	0.4388
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.1250	0.3500	0.0444	0.0000	0.3610
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.8235	0.1765	0.8020	0.5984	0.6209
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6667	0.3333	0.4416	-0.1023	0.9146
trec11-wc	0.0488	0.2114	0.0103	0.0000	0.3716
trec12-wc	0.8065	0.0484	0.7929	0.7681	0.1406
trec21-wc	0.6970	0.1212	0.1643	0.0000	0.2245
trec23-wc	0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9798	0.0202	0.9686	0.9371	0.1727
turkish	0.7750	0.1125	0.7675	0.7000	0.2451
tvnews	0.3659	0.6341	0.2679	0.0000	0.5139
tvnews1%	0.9231	0.0769	0.9169	0.8320	0.3521
tvnews10%	0.3678	0.6322	0.2689	0.0000	0.5146

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_grip	0.9769	0.0231	0.7773	0.4755	0.2251
ur3_cobotops_stop	0.9769	0.0231	0.8099	0.5935	0.3335
urban	0.8507	0.0332	0.8665	0.8252	0.1329
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7381	0.1310	0.6975	0.6483	0.2051
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6970	0.0551	0.7106	0.6667	0.2074
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
vrnormat310k-hg16-17	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9811	0.0054	0.9808	0.9779	0.0388
watch-acc10%	0.1274	0.2493	0.0323	0.0000	0.4047
watch-gyr	0.1342	0.2474	0.0338	0.0000	0.4044
watch-gyr1%	0.9850	0.0043	0.9847	0.9825	0.0313
watch-gyr10%	0.1342	0.2474	0.0338	0.0000	0.4044
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8400	0.1067	0.8404	0.7600	0.3683
weather-related	0.9788	0.0038	0.9794	0.9760	0.0292
web-phishing	0.8593	0.0938	0.7874	0.7485	0.4025
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
weight-lift	0.1839	0.3264	0.0621	0.0000	0.3998
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0346
wilt	0.9855	0.0145	0.9249	0.8495	0.3221
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.7358	0.0881	0.3600	0.5688	0.2996
winequality-white	0.6769	0.0923	0.3720	0.4954	0.3580
winnipeg	0.1202	0.2514	0.0307	0.0000	0.3526
winnipeg10%	0.1203	0.2513	0.0307	0.0000	0.3527
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.7500	0.0333	0.7318	0.7322	0.0613
yeast	0.6014	0.0797	0.4173	0.4840	0.3304
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9595	0.0405	0.7170	0.3825	0.4343
zip	0.0882	0.1824	0.0162	0.0000	0.4045

3.1 Detailed results for noisy datasets

Table 494: Detailed results for C5.0(R2)^{CV} Noise 1%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1463	0.0742	0.1056	0.0663	0.6368
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9847	0.0153	0.7172	0.2647	0.1439
accident	0.4500	0.5500	0.4246	-0.1000	0.9438
ads	0.9787	0.0213	0.9548	0.9055	0.0778
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7714	0.2286	0.5417	0.0776	0.8189
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.6500	0.3500	0.5631	0.1250	0.9054
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8920	0.1080	0.8466	0.6848	0.4742
air_pollution	0.3633	0.1819	0.1337	-0.0021	0.6954
alcohol	0.8476	0.0610	0.5604	0.6635	0.2331
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.9581	0.0419	0.9540	0.9076	0.2319
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	0.9730	0.0270	0.9599	0.9165	0.2605
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9805	0.0097	0.9455	0.9627	0.0470
anuran-genus	0.9847	0.0038	0.9640	0.9748	0.0604
anuran-species	0.9847	0.0031	0.9736	0.9787	0.0227
anxiety	0.1500	0.1889	0.1502	0.0425	0.7728
apple-quality	0.8650	0.1350	0.8665	0.7300	0.5123
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.6875	0.3750	0.8278
arrhythmia	0.8000	0.0400	0.6886	0.6904	0.1790
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.9545	0.0083	0.9658	0.9472	0.0278
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9064	0.8667	0.0861
avila	0.9981	0.0003	0.9962	0.9975	0.0081
babies	0.3790	0.1774	0.1616	0.0579	0.6415
balance	0.8387	0.1075	0.5924	0.7070	0.4536
bank	0.9141	0.0859	0.7682	0.5323	0.5728
banknote	0.9854	0.0146	0.9855	0.9705	0.0960

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8963	0.1037	0.8865	0.7714	0.4444
basehock	0.9497	0.0503	0.9506	0.8995	0.2513
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8667	0.1333	0.8587	0.7173	0.5345
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7567	0.1216	0.7588	0.6756	0.3800
brain-tumor	0.4890	0.5110	0.4866	-0.0201	0.9247
breast-cancer	0.7143	0.2857	0.6242	0.2432	0.8417
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.6620	0.5686	0.1945
bridges	0.8000	0.0667	0.6525	0.6970	0.0841
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9943	0.0029	0.9958	0.9877	0.0284
car-insurance	0.8570	0.1430	0.8318	0.6631	0.5762
card	0.8116	0.1884	0.8052	0.6078	0.6398
cardiotocography	0.8826	0.0235	0.8879	0.8599	0.1629
cardiotocography-nsp	0.9484	0.0344	0.8984	0.8533	0.1842
cardiovascular	0.7358	0.2642	0.7361	0.4715	0.7699
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8000	0.1333	0.7031	0.6279	0.3685
cas_N6512_cdk_ECFP2	0.7742	0.2258	0.7726	0.5453	0.7119
cas_N6512_rdkit_ATOMPAIR	0.7446	0.2554	0.7444	0.4881	0.7573
cas_N6512_RDkit_AtomPair_FP	0.7837	0.2163	0.7821	0.5621	0.6898
cas_N6512_rdkit_AVALON	0.8034	0.1966	0.8020	0.6039	0.6593
cas_N6512_RDkit_Avalon_FP	0.7991	0.2009	0.7975	0.5943	0.6655
cas_N6512_rdkit_descriptors	0.7923	0.2077	0.7909	0.5816	0.6798
cas_N6512_rdkit_FEATMORGAN	0.7450	0.2550	0.7433	0.4866	0.7590
cas_N6512_RDkit_Featmorgan_FP	0.7638	0.2362	0.7620	0.5237	0.7288
cas_N6512_RDkit_FP	0.7715	0.2285	0.7701	0.5401	0.7165
cas_N6512_rdkit_LAYERED	0.7923	0.2077	0.7915	0.5828	0.6795
cas_N6512_RDkit_Layered_FP	0.7699	0.2301	0.7680	0.5345	0.7153
cas_N6512_rdkit_MACCS	0.7923	0.2077	0.7905	0.5795	0.6757
cas_N6512_RDkit_MACCS_FP	0.7874	0.2126	0.7862	0.5723	0.6889
cas_N6512_rdkit_MORGAN	0.8138	0.1862	0.8126	0.6231	0.6315
cas_N6512_RDkit_morgan_FP	0.7883	0.2117	0.7866	0.5722	0.6840
cas_N6512_rdkit_PATTERN	0.7969	0.2031	0.7953	0.5901	0.6698
cas_N6512_RDkit_pattern_FP	0.7761	0.2239	0.7751	0.5501	0.7083
cas_N6512_rdkit_RDKITFP	0.7803	0.2197	0.7786	0.5556	0.6967
cas_N6512_rdkit_TORSION	0.7391	0.2609	0.7371	0.4743	0.7681
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.8022	0.6020	0.6520
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.8689	0.7378	0.4199
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.9406	0.0297	0.9342	0.9116	0.1387
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9994	0.0006	0.8218	0.6204	0.2692
chronic-kidney	0.9277	0.0723	0.6909	0.1332	0.1784

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn	0.8580	0.1420	0.7569	0.4903	0.5849
churn-bigml	0.9551	0.0449	0.9058	0.8076	0.3017
ci900367j_MACCS	0.7368	0.2632	0.7124	0.4189	0.7746
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7619	0.1587	0.5221	0.5195	0.4430
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8259	0.0870	0.6813	0.7244	0.3498
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5306	0.3129	0.5082	0.2713	0.6952
cnae-9	0.9630	0.0082	0.9644	0.9583	0.0413
codon_usage	0.9233	0.0140	0.7793	0.9066	0.1277
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.6947	0.3895	0.8063
colposcopies-2	0.6207	0.3793	0.5643	0.1163	0.9016
colposcopies-3	0.6897	0.3103	0.6724	0.3359	0.8266
colposcopies-4	0.7241	0.2759	0.6025	0.1831	0.8141
colposcopies-5	0.7241	0.2759	0.5167	0.0333	0.8275
colposcopies-6	0.6552	0.3448	0.6578	0.3029	0.8444
colposcopies-c	0.6207	0.3793	0.5062	0.0124	0.8897
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
cottonmeloidogyne	0.7861	0.2139	0.7877	0.5725	0.6809
coupon	0.7476	0.2524	0.7411	0.4815	0.7566
covtypeCD	0.9920	0.0080	0.9830	0.9660	0.0884
covtypeT	0.9865	0.0135	0.9468	0.8931	0.2041
crabs	0.9000	0.0500	0.9000	0.8667	0.1285
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.9465	0.0178	0.8642	0.8900	0.1453
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.5938	0.0254	0.5459	0.5806	0.0777
customer-churn	0.9822	0.0178	0.7120	0.2715	0.1903
cybersecurity	0.1467	0.2844	0.1448	-0.0271	0.8779
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.8519	0.1481	0.8485	0.6971	0.5615
darwin	1.0000	0.0000	1.0000	1.0000	0.0000
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8300	0.1700	0.7223	0.4161	0.6383
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9029	0.0971	0.7306	0.4450	0.5838
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.3639	0.1351	0.6307
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8750	0.0833	0.8786	0.8072	0.1999
DIA	0.8167	0.1833	0.7289	0.4211	0.6246
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-risk	0.9199	0.0801	0.8742	0.7466	0.4367
diabetic1%	0.5882	0.2745	0.3843	0.1781	0.4963
diabetic10%	0.5737	0.2842	0.3746	0.1367	0.5026
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7887	0.0845	0.7919	0.7008	0.3106
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.7083	0.2917	0.7010	0.3538	0.7076
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5534	0.4466	0.5508	0.1015	0.9664
drebin	0.9938	0.0062	0.9935	0.9869	0.0435
dropout	0.7833	0.1445	0.7097	0.6385	0.4506
drug-01	0.3883	0.1748	0.1470	0.0122	0.4569
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3564	0.1839	0.1444	0.1676	0.5199
drug-07	0.4362	0.1879	0.1572	0.0396	0.4049
drug-08	0.5532	0.1277	0.1940	0.0926	0.5047
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1005	0.0000	0.2726
drug-11	0.8191	0.0517	0.1583	0.1152	0.4450
drug-12	0.7287	0.0904	0.1630	0.0379	0.6999
drug-13	0.6011	0.1140	0.2292	0.2187	0.4907
drug-14	0.5532	0.1277	0.2910	0.2745	0.6816
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5745	0.1418	0.3186	0.3115	0.6018
drug-17	0.3564	0.1839	0.2775	0.1737	0.7010
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9214	0.0225	0.9352	0.9050	0.1309
ecoli	0.8824	0.0392	0.7342	0.8333	0.0817
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2400	0.3800	0.2382	-0.0128	0.8590
eeg-eye	0.9312	0.0688	0.9310	0.8615	0.3358
eeg10%	0.4332	0.0709	0.4316	0.3720	0.5832
eucalyptus	0.6986	0.1205	0.6523	0.6125	0.3451
euthyroid	0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%	0.9609	0.0391	0.9609	0.9215	0.2177
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.7967	0.0239	0.7449	0.7679	0.1359
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.5882	0.4118	0.5754	0.1243	0.8670
financial-risk	0.9565	0.0145	0.7768	0.9320	0.1047
fishcatch	0.9375	0.0208	0.9554	0.9220	0.0612
flags	0.7000	0.0857	0.4470	0.6238	0.1838
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.9907	0.0031	0.9902	0.9887	0.0239
gastrointestinal	0.8750	0.0833	0.9107	0.8049	0.1750
gender	0.5937	0.2709	0.4880	0.1532	0.5820
gene	0.8959	0.0694	0.8810	0.8330	0.2527
german	0.6900	0.3100	0.6300	0.2327	0.8126
gestures	0.9341	0.0330	0.9346	0.9121	0.1515
gina	0.9510	0.0490	0.9511	0.9020	0.2613

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gisette	0.9757	0.0243	0.9757	0.9514	0.1539
glass	0.7619	0.0794	0.7176	0.6656	0.2136
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9091	0.0909	0.7250	0.4500	0.6330
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage	0.5333	0.2333	0.5784	0.3750	0.5025
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9735	0.0044	0.8949	0.9686	0.0415
har	0.9949	0.0020	0.9947	0.9936	0.0152
har701%	0.9257	0.0212	0.5876	0.8900	0.1346
harth1%	0.8734	0.0211	0.6070	0.8272	0.2205
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.7742	0.2258	0.7815	0.5526	0.6797
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.9900	0.0100	0.9884	0.9767	0.0698
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6809	0.3191	0.6831	0.3639	0.8374
higher	0.2143	0.1964	0.1270	0.0723	0.3870
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9123	0.0877	0.8333	0.6574	0.4668
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.5522	0.2913	0.6729
hotel-reservartions	0.9090	0.0910	0.8955	0.7900	0.4190
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9991	0.0006	0.9992	0.9987	0.0048
htru2	0.9799	0.0201	0.9379	0.8751	0.2313
hypothyroid	0.9947	0.0027	0.7378	0.9675	0.0098
hypothyroidT	0.9973	0.0027	0.9906	0.9810	0.0136
ilpd	0.6780	0.3220	0.5866	0.1715	0.8815
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.8960	0.0080	0.9031	0.8919	0.0824
jm1	0.8090	0.1910	0.6077	0.1457	0.6458
jvowels	0.9729	0.0060	0.9715	0.9693	0.0474
kc1	0.8436	0.1564	0.6472	0.2726	0.6972
kc1-class-level-defectiveornot	0.7333	0.2667	0.7159	0.4118	0.7427
kc1-class-level-numericdefect	0.6923	0.1231	0.1714	0.1333	0.1989

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.8269	0.1731	0.7165	0.4236	0.6904
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9976	0.0004	0.7372	0.9959	0.0344
kepler	0.8870	0.0753	0.8474	0.8137	0.2176
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.8906	0.0122	0.8814	0.8778	0.1864
krvskp	0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc	0.8762	0.0413	0.8567	0.8436	0.2028
la2s-wc	0.8907	0.0364	0.8748	0.8617	0.1789
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8235	0.0153	0.8362	0.8149	0.0496
led24	0.8000	0.0444	0.8283	0.7721	0.1058
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9555	0.0034	0.9557	0.9537	0.0520
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.9167	0.0111	0.9194	0.9104	0.0367
linkage1%	0.9995	0.0005	0.9634	0.9266	0.1329
liver	0.5588	0.4412	0.5301	0.0590	0.9271
loan	0.9883	0.0117	0.9875	0.9750	0.0877
localization10%	0.6899	0.0564	0.4474	0.6060	0.5010
lrs	0.8679	0.0377	0.8209	0.8158	0.1169
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	0.7500	0.1000	0.6650	0.6800	0.1214
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.5556	0.4444	0.3571	0.0000	0.5164
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.8000	0.2000	0.8044	0.6000	0.6358
magic04	0.8806	0.1194	0.8672	0.7326	0.4929
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8334	0.6662	0.5966
marketing	0.8705	0.1295	0.6912	0.3452	0.6083
maternal	0.8317	0.1122	0.8372	0.7438	0.3623
math	0.9000	0.0500	0.9027	0.8510	0.2070
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.7500	0.1250	0.7603	0.6667	0.2442
mental-health	0.2200	0.3120	0.2136	0.0243	0.8567
messidor	0.6435	0.3565	0.6490	0.2926	0.8671
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9148	0.9221	0.0473
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.9600	0.0080	0.9607	0.9556	0.0504
mfeat-fou	0.8400	0.0320	0.8380	0.8222	0.1234
mfeat-kar	0.9600	0.0080	0.9603	0.9556	0.0507
mfeat-mor	0.7350	0.0530	0.7386	0.7056	0.1806
mfeat-pix	0.9500	0.0100	0.9511	0.9444	0.0627
mfeat-zer	0.7850	0.0430	0.7821	0.7611	0.1444
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5779	0.4848	0.3707
mobile	0.8986	0.0036	0.9062	0.8968	0.0457
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9508	0.0492	0.9452	0.8898	0.2625
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.5061	0.0898	0.5380	0.4167	0.5310
musk	0.9879	0.0121	0.9766	0.9521	0.0508
MUT_ci300400a_cdk_ECFP2	0.8189	0.1811	0.8125	0.6235	0.6288
MUT_ci300400a_cdk_ECFP4	0.8347	0.1653	0.8296	0.6592	0.6006
MUT_ci300400a_cdk_ECFP6	0.8048	0.1952	0.7978	0.5940	0.6568
MUT_ci300400a_cdk_ESTATE	0.7506	0.2494	0.7465	0.4921	0.7509
MUT_ci300400a_cdk_EXTENDED	0.8333	0.1667	0.8286	0.6571	0.6040
MUT_ci300400a_cdk_FCFP2	0.8168	0.1832	0.8120	0.6239	0.6383
MUT_ci300400a_cdk_FCFP4	0.8201	0.1799	0.8142	0.6280	0.6300
MUT_ci300400a_cdk_FCFP6	0.8141	0.1859	0.8082	0.6161	0.6427
MUT_ci300400a_cdk_MACCS	0.8381	0.1619	0.8333	0.6665	0.5933
MUT_ci300400a_cdk_PUBCHEM	0.8515	0.1485	0.8463	0.6910	0.5552
MUT_ci300400a_cdk_STANDARD	0.8228	0.1772	0.8168	0.6333	0.6247
MUT_ci300400a_rdkit_descriptors	0.8709	0.1291	0.8683	0.7366	0.5157
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9756	0.0244	0.9756	0.9512	0.1549
NCI60	0.3333	0.2222	0.3333	0.2000	0.2759
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.9129	0.0092	0.5291	0.7598	0.5402
neo	0.9156	0.0844	0.6968	0.3161	0.4668
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6713	0.3287	0.6687	0.3357	0.8546
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5000	0.3333	0.3046	-0.0165	0.5418
nursery	0.9977	0.0012	0.9982	0.9966	0.0074
obesity	0.9763	0.0068	0.9778	0.9723	0.0333
obs	0.9907	0.0046	0.9885	0.9863	0.0252
occupancy	0.9932	0.0068	0.9905	0.9809	0.0810
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.9109	0.0178	0.9202	0.8982	0.0897
oh10-wc	0.7714	0.0457	0.7662	0.7392	0.2017
oh15-wc	0.8370	0.0326	0.8367	0.8145	0.1657
oh5-wc	0.7912	0.0418	0.8067	0.7636	0.1726
olive	0.9298	0.0156	0.9281	0.9113	0.0422
opn310k10%	0.9247	0.0753	0.7135	0.3806	0.5019
optdigits	0.9662	0.0068	0.9683	0.9624	0.0479
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9130	0.0870	0.4773	-0.0209	0.5753
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8113	0.6225	0.6300
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8571	0.1429	0.8566	0.7131	0.5449
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.8971	0.8787	0.2997
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.9384	0.0616	0.9343	0.8675	0.3010

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle10%	0.9315	0.0685	0.9144	0.8286	0.3656
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.6277	0.1763	0.4947
pcmac	0.5464	0.4536	0.3533	-0.0712	0.8005
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9605	0.0395	0.9467	0.8929	0.2425
pediatric-leukemia	0.7647	0.0672	0.7682	0.7155	0.2125
pendigits	0.9909	0.0018	0.9905	0.9899	0.0162
period	0.6667	0.3333	0.6582	0.3077	0.8309
period-10f	0.6667	0.3333	0.6582	0.3077	0.8309
persistency	0.8309	0.1691	0.8180	0.6352	0.6140
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9551	0.0449	0.9528	0.9056	0.2507
phone-acc0.1%	0.9028	0.0278	0.8958	0.8864	0.1113
phone-gyr0.1%	0.9282	0.0205	0.9219	0.9161	0.0917
phoneme	0.9167	0.0833	0.8980	0.7960	0.4279
pima	0.7237	0.2763	0.7027	0.3824	0.7533
pirvision	0.9967	0.0022	0.9943	0.9896	0.0186
placement	0.8020	0.1980	0.7953	0.5893	0.6627
plant-growth	0.6842	0.3158	0.6910	0.3736	0.8166
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5756	0.1213	0.1675	0.1907	0.2943
polish-1st	0.9659	0.0341	0.7099	0.1938	0.1019
polish-2nd	0.9656	0.0344	0.7207	0.4103	0.4691
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9582	0.0418	0.7420	0.4207	0.3739
polish-5th	0.9543	0.0457	0.7931	0.5496	0.3677
polya	0.7665	0.2335	0.7437	0.4871	0.7419
popularity	0.6810	0.2127	0.4332	0.2733	0.4595
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6068	0.2059	0.9040
prestige	0.6667	0.2222	0.6573	0.4808	0.2692
primary-tumor	0.4242	0.0886	0.3375	0.3536	0.3077
profb	0.6866	0.3134	0.6250	0.2456	0.8615
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9885	0.0046	0.9765	0.9846	0.0294
pufs-641%	0.5004	0.4996	0.5005	0.0010	0.9886
pulsar	0.9824	0.0176	0.9459	0.8895	0.1608
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc	0.8067	0.0297	0.7994	0.7493	0.2128
re1-wc	0.8373	0.0130	0.6682	0.8151	0.1394
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9857	0.0143	0.9856	0.9711	0.0997
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6618	0.3382	0.6416	0.2795	0.8708
satimage	0.9129	0.0290	0.9037	0.8924	0.1454
satimageF	0.9907	0.0093	0.9760	0.9519	0.1413
satimageT	0.9440	0.0560	0.8291	0.6432	0.4034
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9697	0.0087	0.9733	0.9646	0.0420
segmentation	0.8267	0.1733	0.8096	0.6188	0.6301
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-3-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-4-gram	0.8684	0.1316	0.6127	0.1503	0.5774
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9974	0.0005	0.9974	0.9972	0.0056
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8946	0.1054	0.7832	0.5616	0.5753
shuttle	0.9997	0.0001	0.9838	0.9990	0.0458
sick	0.9841	0.0159	0.9325	0.8554	0.0582
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.7923	0.2077	0.4421	0.0000	0.3603
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1555	-0.1218	0.8554
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.8080	0.1920	0.7950	0.5899	0.6651
soil_pollution	0.1533	0.3387	0.1547	-0.0584	0.9035
solar-flare	0.7482	0.0839	0.5984	0.6762	0.2064
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9559	0.0046	0.9674	0.9516	0.0223
spam-detection	0.9560	0.0440	0.8671	0.7340	0.4392
spambase	0.9500	0.0500	0.9476	0.8949	0.2662
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.6538	0.0256	0.5245	0.6337	0.1079
splice-EI	0.9748	0.0252	0.9679	0.9347	0.2116
splice-IE	0.9338	0.0662	0.9087	0.8175	0.3911
sport-articles	0.8400	0.1600	0.8306	0.6606	0.5986
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.5160	0.3227	0.2269	0.0000	0.3699
steel-b	0.8821	0.1179	0.8209	0.6416	0.5732
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8103	0.1897	0.7849	0.5500	0.6097
steel-p	0.9385	0.0615	0.7560	0.4711	0.4407
steel-s	0.9897	0.0103	0.9348	0.8697	0.2729
steel-z	0.9846	0.0154	0.9575	0.9145	0.2439
stellar	0.9754	0.0164	0.9718	0.9564	0.0994
stock	0.9931	0.0069	0.9886	0.9769	0.1081
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	1.0000	0.0000	1.0000	1.0000	0.0000
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.6150	0.1540	0.3466	0.3738	0.4388
student-habits	0.3400	0.2640	0.1616	-0.0229	0.6982

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-weekend	0.3692	0.2523	0.3139	0.1381	0.6935
student-workday	0.7031	0.1187	0.2534	0.2109	0.4169
studentap	0.3846	0.4103	0.3852	0.0714	0.6965
susy1%	0.7980	0.2020	0.7963	0.5899	0.6616
tae	0.4667	0.3556	0.5072	0.2000	0.6242
telco-churn	0.9190	0.0810	0.8957	0.7914	0.4230
texture	0.9782	0.0040	0.9792	0.9759	0.0338
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis10%	0.9030	0.0970	0.8637	0.7186	0.4284
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.1000	0.5208	0.6098	0.1174
tox_171	0.7647	0.1176	0.7873	0.6852	0.2403
toxicity	0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7200	0.2800	0.5779	0.1519	0.8533
trec11-wc	0.8780	0.0271	0.8323	0.8516	0.0958
trec12-wc	0.9032	0.0242	0.9277	0.8839	0.0889
trec21-wc	0.8485	0.0606	0.8363	0.6989	0.3249
trec23-wc	0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc	0.9677	0.0108	0.9761	0.9572	0.0653
trec41-wc	0.9432	0.0114	0.9191	0.9311	0.0913
trec45-wc	0.9855	0.0029	0.9867	0.9831	0.0117
tuandromd	0.9841	0.0159	0.9742	0.9482	0.1267
turkish	0.7500	0.1250	0.7431	0.6667	0.2889
tvnews1%	0.9077	0.0923	0.9009	0.8018	0.4246
tvnews10%	0.8998	0.1002	0.8919	0.7837	0.4467
ur3_cobotops_grip	0.9782	0.0218	0.7936	0.5202	0.2184
ur3_cobotops_stop	0.9769	0.0231	0.8135	0.6108	0.3722
urban	0.8507	0.0332	0.8622	0.8257	0.1322
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7976	0.1012	0.7731	0.7284	0.2008
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.5556	0.0808	0.5720	0.5111	0.2725
vowelZ	0.9192	0.0808	0.6882	0.3016	0.4768
wap-wc	0.7692	0.0231	0.6010	0.7415	0.1680
warpar10p	0.6923	0.0615	0.5757	0.6533	0.0927
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9825	0.0050	0.9821	0.9795	0.0364
watch-gyr1%	0.9875	0.0036	0.9873	0.9854	0.0265
water_pollution	0.2233	0.3883	0.2200	-0.0371	0.8812
waveform	0.8120	0.1253	0.8121	0.7180	0.4115
weather-related	0.9731	0.0049	0.9739	0.9695	0.0427
web-phishing	0.8667	0.0889	0.8202	0.7621	0.3817
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9917	0.0083	0.9562	0.9123	0.2103
wine	0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red	0.7170	0.0943	0.3628	0.5400	0.3479
winequality-white	0.6503	0.1166	0.4667	0.4695	0.5276

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.8125	0.0250	0.7467	0.7983	0.0412
yeast	0.6081	0.0871	0.4807	0.4948	0.4246
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9452	0.0110	0.9398	0.9386	0.0851

Table 495: Detailed results for CALIFOREST(ova) Noise 1%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.7355	0.4710	0.5885
accelerometer	0.9841	0.0159	0.6955	0.2347	0.2055
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9756	0.0244	0.9482	0.8950	0.1934
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8920	0.1080	0.8462	0.6804	0.4566
air_pollution	0.4067	0.1695	0.0828	0.0017	0.3421
alcohol	0.8571	0.0571	0.6011	0.6667	0.1540
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9581	0.0419	0.9540	0.9076	0.2319
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9791	0.0104	0.9423	0.9601	0.0512
anuran-genus	0.9819	0.0045	0.9478	0.9702	0.0646
anuran-species	0.9889	0.0022	0.9821	0.9845	0.0167
anxiety	0.1000	0.2000	0.0607	-0.0204	0.6710
apple-quality	0.8650	0.1350	0.8665	0.7300	0.5123
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9064	0.8667	0.0861
avila	0.9598	0.0067	0.9812	0.9476	0.0630
balance	0.9194	0.0538	0.6345	0.8482	0.1177
bank	0.9107	0.0893	0.7534	0.4994	0.5787
banknote	0.9927	0.0073	0.9927	0.9852	0.0564
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8848	0.1152	0.8739	0.7420	0.4546
basehock	0.9799	0.0201	0.9800	0.9598	0.1290
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.9048	0.0952	0.8990	0.7981	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7306	0.1347	0.7319	0.6408	0.4076
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5969	0.5600	0.1943
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4920	0.3387	0.2198	-0.0018	0.3565
car	0.9540	0.0230	0.9212	0.9038	0.1779
car-insurance	0.8440	0.1560	0.8213	0.6422	0.6090
card	0.8986	0.1014	0.8981	0.7868	0.3780
cardiotocography	0.8873	0.0225	0.8910	0.8652	0.1463
cardiotocography-nsp	0.9484	0.0344	0.9014	0.8581	0.2374
cardiovascular	0.7362	0.2638	0.7364	0.4724	0.7699
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6133	0.5449	0.4410
cas_N6512_cdk_ECFP2	0.7204	0.2796	0.7274	0.4460	0.7682
cas_N6512_rdkit_ATOMPAIR	0.7446	0.2554	0.7427	0.4852	0.7594
cas_N6512_RDkit_AtomPair_FP	0.7500	0.2500	0.7490	0.4979	0.7507
cas_N6512_rdkit_AVALON	0.7942	0.2058	0.7925	0.5832	0.6709
cas_N6512_RDkit_Avalon_FP	0.7883	0.2117	0.7889	0.5764	0.6828
cas_N6512_rdkit_descriptors	0.7877	0.2123	0.7860	0.5708	0.6852
cas_N6512_rdkit_FEATMORGAN	0.7158	0.2842	0.7151	0.4299	0.7995
cas_N6512_RDkit_Featmorgan_FP	0.7485	0.2515	0.7463	0.4915	0.7517
cas_N6512_RDkit_FP	0.7776	0.2224	0.7780	0.5548	0.7022
cas_N6512_rdkit_LAYERED	0.7800	0.2200	0.7800	0.5592	0.6993
cas_N6512_RDkit_Layered_FP	0.7546	0.2454	0.7526	0.5047	0.7432
cas_N6512_rdkit_MACCS	0.7831	0.2169	0.7811	0.5613	0.6940
cas_N6512_RDkit_MACCS_FP	0.7966	0.2034	0.7955	0.5909	0.6721
cas_N6512_rdkit_MORGAN	0.7677	0.2323	0.7665	0.5330	0.7227
cas_N6512_RDkit_morgan_FP	0.7500	0.2500	0.7486	0.4972	0.7512
cas_N6512_rdkit_PATTERN	0.7923	0.2077	0.7914	0.5826	0.6797
cas_N6512_RDkit_pattern_FP	0.7776	0.2224	0.7762	0.5525	0.7060
cas_N6512_rdkit_RDKITFP	0.7834	0.2166	0.7818	0.5634	0.6954
cas_N6512_rdkit_TORSION	0.7344	0.2656	0.7332	0.4663	0.7742
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7720	0.2280	0.7645	0.5229	0.7111
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.5932	0.0936	0.4166
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9414	0.0293	0.9388	0.9127	0.1329
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%	0.9994	0.0006	0.8414	0.6664	0.2633
chronic-kidney	0.9398	0.0602	0.7528	0.3561	0.1577
churn	0.8600	0.1400	0.7603	0.4953	0.5739
churn-bigml	0.9625	0.0375	0.9225	0.8432	0.2794
ci900367j_MACCS	0.7053	0.2947	0.6943	0.3871	0.8151
circles	0.9970	0.0001	0.9971	0.9970	0.0017
cirrhosis	0.7381	0.1746	0.5010	0.4526	0.3795
cjs	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8287	0.0856	0.7335	0.7314	0.3491
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5306	0.3129	0.5098	0.2647	0.7034
cnae-9	0.9630	0.0082	0.9646	0.9583	0.0414
codon_usage	0.9186	0.0148	0.7678	0.9009	0.1224
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9351	0.0649	0.9172	0.8338	0.3516
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7586	0.2414	0.7208	0.3940	0.6569
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.6897	0.3103	0.6819	0.3003	0.7004
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7728	0.5108	0.6328
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.7419	0.1720	0.6652	0.5860	0.3017
cottonmeloidogyne	0.7548	0.2452	0.7574	0.5102	0.7290
coupon	0.7429	0.2571	0.7354	0.4672	0.7582
covtypeCD	0.9836	0.0164	0.9649	0.9295	0.1663
covtypeT	0.9753	0.0247	0.8994	0.7950	0.2875
crabs	0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans10%	0.9986	0.0014	0.8387	0.6660	0.5022
crowdsourced	0.9475	0.0175	0.8804	0.8921	0.1521
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
customer-churn	0.9842	0.0158	0.7635	0.4958	0.3800
cybersecurity	0.1800	0.2733	0.1952	0.0048	0.5758
cyclopentane	0.7778	0.2222	0.7950	0.5645	0.6246
cylinder-bands	0.7778	0.2222	0.7761	0.5506	0.7038
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8283	0.1717	0.7227	0.4261	0.6609
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9044	0.0956	0.7538	0.5051	0.6033
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9443	0.9325	0.0576
dexter	0.9667	0.0333	0.9667	0.9333	0.1969
df_final	0.8125	0.1250	0.8155	0.7073	0.2390
DIA	0.8500	0.1500	0.7849	0.5500	0.5687
diabetes	0.9808	0.0192	0.9799	0.9590	0.0927
diabetes-risk	0.9203	0.0797	0.8746	0.7469	0.4321
diabetic1%	0.6078	0.2614	0.3981	0.1876	0.3415
diabetic10%	0.5796	0.2803	0.3822	0.1645	0.5161
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7581	0.0968	0.7627	0.6552	0.3212
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.4583	0.5417	0.4505	-0.0986	1.0000
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9478	0.0522	0.8382	0.6717	0.4410
dota210%	0.5835	0.4165	0.5794	0.1557	0.9365
drebin	0.9699	0.0301	0.9681	0.9354	0.1632
dropout	0.7652	0.1565	0.6872	0.6059	0.4563

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-01	0.3936	0.1733	0.0807	-0.0077	0.3252
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6915	0.1028	0.2234	0.1060	0.3657
drug-04	0.5266	0.1353	0.1488	0.0457	0.3524
drug-06	0.4734	0.1505	0.2866	0.3238	0.4214
drug-08	0.5532	0.1277	0.1760	0.1190	0.4208
drug-10	0.5426	0.1307	0.1495	0.1389	0.4206
drug-11	0.8457	0.0441	0.1309	-0.0065	0.2227
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1787	0.2565	0.3224
drug-14	0.6064	0.1125	0.2631	0.2976	0.4612
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6011	0.1330	0.3316	0.3378	0.4262
drug-17	0.4096	0.1687	0.2031	0.1764	0.4667
drybean	0.9214	0.0225	0.9334	0.9049	0.1271
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2700	0.3650	0.2595	0.0250	0.7890
eeg-eye	0.8565	0.1435	0.8553	0.7070	0.5306
eeg10%	0.4535	0.0683	0.4276	0.3911	0.5180
eucalyptus	0.6575	0.1370	0.6193	0.5544	0.3653
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq10%	0.9583	0.0417	0.9582	0.9164	0.2322
fakenews	0.4950	0.5050	0.4974	-0.0040	0.9241
farm-ads	0.8889	0.1111	0.8888	0.7757	0.4535
fbis-wc	0.8415	0.0187	0.7883	0.8193	0.1053
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6471	0.3529	0.6413	0.2817	0.8844
financial-risk	0.8610	0.0463	0.6735	0.7758	0.1962
forest	0.9038	0.0481	0.8906	0.8669	0.1249
gas	0.9942	0.0019	0.9944	0.9930	0.0139
gastrointestinal	0.8125	0.1250	0.8305	0.6981	0.2631
gender	0.5958	0.2695	0.4206	0.1142	0.5327
gene	0.9401	0.0400	0.9326	0.9036	0.1859
german	0.7100	0.2900	0.6660	0.2368	0.6388
gestures	0.9341	0.0330	0.9341	0.9121	0.1563
gina	0.9481	0.0519	0.9483	0.8961	0.2677
gisette	0.9671	0.0329	0.9671	0.9343	0.1947
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.9048	0.0952	0.8929	0.7857	0.4436
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.6082	0.3675	0.4588
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9652	0.0058	0.8938	0.9589	0.0378
har	0.9817	0.0073	0.9806	0.9768	0.0455
har701%	0.9146	0.0244	0.5381	0.8735	0.1095
harth1%	0.8683	0.0220	0.5486	0.8195	0.1909

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hayes-roth	0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure	0.9860	0.0140	0.9837	0.9674	0.1075
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.9333	0.0667	0.8929	0.7619	0.1858
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6927	0.3073	0.6906	0.3796	0.8283
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa	0.8921	0.1079	0.7923	0.5746	0.5467
hiva	0.9598	0.0402	0.5663	0.0917	0.5201
horse	0.6389	0.2407	0.5833	0.3527	0.5872
hotel-reservartions	0.8853	0.1147	0.8678	0.7343	0.4891
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9904	0.0064	0.9908	0.9856	0.0370
htru2	0.9777	0.0223	0.9310	0.8612	0.2547
hypothyroid	0.9894	0.0053	0.7272	0.9385	0.1498
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9153	0.0065	0.9182	0.9119	0.0703
jm1	0.8219	0.1781	0.6487	0.2189	0.6066
jvowels	0.9809	0.0042	0.9788	0.9784	0.0319
kc1	0.8768	0.1232	0.7234	0.3800	0.5034
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc2	0.8269	0.1731	0.6980	0.3237	0.5729
kdc-4007	0.8254	0.0499	0.8272	0.7962	0.2687
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9992	0.0001	0.8223	0.9986	0.0010
kepler	0.8891	0.0739	0.8479	0.8174	0.2011
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7358	0.0294	0.8014	0.7045	0.2709
krvskp	0.9843	0.0157	0.9844	0.9686	0.1069
la1s-wc	0.8571	0.0476	0.8442	0.8181	0.1952
la2s-wc	0.8742	0.0419	0.8630	0.8401	0.2048
labor	0.8333	0.1667	0.8537	0.6667	0.4644
led24	0.6500	0.0778	0.6070	0.6011	0.1816
letter	0.9460	0.0042	0.9459	0.9438	0.0624
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7500	0.0333	0.7337	0.7311	0.0980
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.7353	0.2647	0.6791	0.3489	0.7915
loan	0.9883	0.0117	0.9875	0.9750	0.0789
localization10%	0.6475	0.0641	0.3788	0.5437	0.4316
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.7577	0.2423	0.7578	0.5154	0.7375
magic04	0.8748	0.1252	0.8607	0.7194	0.5081
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8795	0.1205	0.7157	0.3903	0.5665
maternal	0.8416	0.1056	0.8450	0.7587	0.3503
math	0.8500	0.0750	0.8009	0.7661	0.2187
mba	0.8290	0.1140	0.3770	0.0803	0.3508
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2200	0.3120	0.1989	0.0155	0.5570
messidor	0.6696	0.3304	0.6638	0.3277	0.8607
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac	0.9500	0.0100	0.9512	0.9444	0.0551
mfeat-fou	0.8400	0.0320	0.8415	0.8222	0.1490
mfeat-kar	0.9650	0.0070	0.9661	0.9611	0.0435
mfeat-mor	0.7300	0.0540	0.7340	0.7000	0.1957
mfeat-pix	0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-zer	0.8050	0.0390	0.8052	0.7833	0.1393
mice-prot	0.9907	0.0023	0.9914	0.9894	0.0120
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5840	0.4854	0.3369
mobile	0.9371	0.0022	0.9425	0.9359	0.0296
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9672	0.0328	0.9637	0.9274	0.2074
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5289	0.0857	0.5803	0.4297	0.4906
musk	0.9591	0.0409	0.9184	0.8306	0.2336
MUT_ci300400a_cdk_ECFP2	0.7698	0.2302	0.7690	0.5350	0.7133
MUT_ci300400a_cdk_ECFP4	0.7772	0.2228	0.7713	0.5425	0.7113
MUT_ci300400a_cdk_ECFP6	0.7425	0.2575	0.7318	0.4597	0.7603
MUT_ci300400a_cdk_ESTATE	0.7662	0.2338	0.7567	0.5098	0.7222
MUT_ci300400a_cdk_EXTENDED	0.8321	0.1679	0.8277	0.6554	0.6067
MUT_ci300400a_cdk_FCFP2	0.7509	0.2491	0.7462	0.4918	0.7515
MUT_ci300400a_cdk_FCFP4	0.7362	0.2638	0.7259	0.4504	0.7751
MUT_ci300400a_cdk_FCFP6	0.7614	0.2386	0.7546	0.5091	0.7378
MUT_ci300400a_cdk_MACCS	0.8129	0.1870	0.8065	0.6122	0.6433
MUT_ci300400a_cdk_PUBCHEM	0.8299	0.1701	0.8245	0.6487	0.6103
MUT_ci300400a_cdk_STANDARD	0.8204	0.1796	0.8138	0.6249	0.6220
MUT_ci300400a_rdkit_descriptors	0.8333	0.1667	0.8294	0.6588	0.6025
myocardial	0.8882	0.0279	0.3966	0.4318	0.0922
naticusdroid	0.9674	0.0326	0.9674	0.9347	0.1921
ncRNA1%	0.9201	0.0084	0.5333	0.7729	0.2931
neo	0.9133	0.0867	0.6830	0.2696	0.4478
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
newspop	0.6690	0.3310	0.6673	0.3346	0.8597
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9807	0.0096	0.9635	0.9717	0.0536
obesity	0.9289	0.0203	0.9304	0.9169	0.0911
obs	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
occupancy	0.9942	0.0058	0.9918	0.9836	0.0668
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0115
oh0-wc	0.9505	0.0099	0.9409	0.9436	0.0586
oh10-wc	0.8095	0.0381	0.7960	0.7836	0.1801
oh15-wc	0.8913	0.0217	0.8997	0.8761	0.1063
oh5-wc	0.9341	0.0132	0.9310	0.9256	0.0596
olive	0.9123	0.0195	0.9009	0.8897	0.0589
opn310k10%	0.9275	0.0725	0.7284	0.4155	0.4925
optdigits	0.9680	0.0064	0.9698	0.9644	0.0467
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9368	0.0632	0.7123	0.3118	0.3468
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8505	0.1495	0.8387	0.6754	0.5807
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.9037	0.7951	0.3752
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9854	0.0059	0.8934	0.9162	0.1076
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9242	0.0758	0.9191	0.8365	0.3496
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.9162	0.0838	0.8966	0.7933	0.4301
pc1	0.9189	0.0811	0.6396	0.2671	0.6352
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9100	0.8148	0.3131
pediatric-leukemia	0.8235	0.0504	0.7646	0.7821	0.1427
pendigits	0.9927	0.0015	0.9929	0.9919	0.0131
period	0.7778	0.2222	0.7568	0.4000	0.4011
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8367	0.1633	0.8251	0.6499	0.6038
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9714	0.0286	0.9700	0.9399	0.1774
phone-acc0.1%	0.8377	0.0464	0.8249	0.8101	0.1686
phone-gyr0.1%	0.8816	0.0338	0.8736	0.8614	0.1584
phoneme	0.9111	0.0889	0.8906	0.7811	0.4434
pima	0.6842	0.3158	0.6560	0.2808	0.7925
pirvision	0.9974	0.0017	0.9937	0.9917	0.0081
placement	0.7970	0.2030	0.7900	0.5782	0.6711
plant-growth	0.6316	0.3684	0.6292	0.2570	0.8973
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5756	0.1213	0.2713	0.1887	0.2910
polish-1st	0.9744	0.0256	0.7933	0.5385	0.2912
polish-2nd	0.9587	0.0413	0.6542	0.2812	0.5428
polish-3rd	0.9495	0.0505	0.5641	0.0592	0.4351
polish-4th	0.9622	0.0378	0.7745	0.5023	0.3561
polish-5th	0.9560	0.0440	0.8024	0.5724	0.3615
polya	0.7784	0.2216	0.7522	0.5001	0.7142
popularity	0.6812	0.2125	0.4318	0.2635	0.4548
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.5735	0.4265	0.5763	0.1471	0.9322
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
profb	0.6866	0.3134	0.6177	0.2265	0.8575
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9873	0.0051	0.9770	0.9830	0.0355
pufs-641%	0.4954	0.5046	0.4954	-0.0091	1.0000
pulsar	0.9848	0.0152	0.9536	0.9057	0.1524

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
raisin	0.8778	0.1222	0.8801	0.7556	0.4709
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0957
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.7126	0.2874	0.7104	0.4179	0.7979
satimage	0.9020	0.0327	0.8892	0.8788	0.1484
satimageF	0.9907	0.0093	0.9760	0.9519	0.1413
satimageT	0.9487	0.0513	0.8432	0.6650	0.3347
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5882	0.4118	0.6005	0.1765	0.8657
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9697	0.0087	0.9738	0.9646	0.0384
segmentation	0.8465	0.1535	0.8372	0.6726	0.5849
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8789	0.1211	0.6856	0.1312	0.2567
sens-3-gram	0.8763	0.1237	0.6559	0.1245	0.3621
sens-4-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-5-gram	0.8789	0.1211	0.6687	0.1547	0.3573
sensorless	0.9969	0.0006	0.9969	0.9966	0.0063
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9011	0.0989	0.7936	0.5788	0.5406
shuttle	1.0000	0.0000	1.0000	1.0000	0.0000
sick	0.9761	0.0239	0.8960	0.7685	0.0796
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9990	0.0010	0.9984	0.9969	0.0148
skin10%	0.9980	0.0020	0.9969	0.9938	0.0304
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1694	0.0011	0.6164
smk_can_187	0.6316	0.3684	0.6445	0.2400	0.7788
smoking	0.7721	0.2279	0.7607	0.5198	0.7228
soil_pollution	0.2033	0.3187	0.2171	-0.0002	0.7657
solar-flare	0.7410	0.0863	0.5392	0.6644	0.2158
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
spam-detection	0.9555	0.0445	0.8854	0.7631	0.4714
spambase	0.9391	0.0609	0.9363	0.8725	0.3126
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
splice-EI	0.9590	0.0410	0.9459	0.8918	0.2766
splice-IE	0.9432	0.0568	0.9214	0.8428	0.3504
sport-articles	0.8200	0.1800	0.8094	0.6182	0.6401
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8993	0.0672	0.8725	0.8364	0.2322
steel-b	0.8821	0.1179	0.8179	0.6350	0.5689
steel-d	0.9897	0.0103	0.9069	0.7950	0.0398
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8154	0.1846	0.7908	0.5731	0.6322
steel-p	0.9282	0.0718	0.7091	0.3829	0.5270
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9795	0.0205	0.9450	0.8886	0.3044
stellar	0.9778	0.0148	0.9743	0.9605	0.0833
stock	0.9236	0.0764	0.8659	0.7297	0.4443

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9940	0.0060	0.9940	0.9879	0.0407
stress	0.9524	0.0190	0.9551	0.9404	0.0705
student-habits	0.3700	0.2520	0.1080	-0.0158	0.3674
student-weekend	0.4615	0.2154	0.3785	0.2235	0.5452
student-workday	0.6875	0.1250	0.1660	0.0419	0.3332
studentap	0.6154	0.2564	0.6625	0.4196	0.3904
susy1%	0.7962	0.2038	0.7953	0.5846	0.6547
tae	0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn	0.8977	0.1023	0.8649	0.7267	0.4676
texture	0.9818	0.0033	0.9828	0.9799	0.0267
theorem	0.9967	0.0033	0.9967	0.9933	0.0312
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9648	0.0352	0.4910	-0.0114	0.5522
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis10%	0.8881	0.1119	0.8413	0.6680	0.4588
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
transfusion	0.6800	0.3200	0.5442	0.0881	0.8806
trec31-wc	0.9677	0.0108	0.9364	0.9572	0.0653
trec45-wc	0.9420	0.0116	0.8573	0.9323	0.0464
tuandromd	0.9886	0.0114	0.9825	0.9643	0.1466
turkish	0.8250	0.0875	0.8244	0.7667	0.1948
tvnews1%	0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%	0.8951	0.1049	0.8861	0.7701	0.4435
ur3_cobotops_grip	0.9796	0.0204	0.8092	0.5624	0.2117
ur3_cobotops_stop	0.9741	0.0259	0.8016	0.5990	0.4592
urban	0.8507	0.0332	0.8744	0.8253	0.1333
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.8095	0.0952	0.7684	0.7413	0.2035
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6263	0.0680	0.6624	0.5889	0.2221
vowelZ	0.9697	0.0303	0.9024	0.7843	0.0972
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9294	0.0202	0.9271	0.9174	0.0958
watch-gyr1%	0.9311	0.0197	0.9288	0.9195	0.0894
water_pollution	0.2633	0.3683	0.2553	0.0141	0.7554
waveform	0.8480	0.1013	0.8493	0.7721	0.3476
weather-related	0.9769	0.0042	0.9793	0.9739	0.0362
web-phishing	0.8815	0.0790	0.8518	0.7925	0.3735
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9855	0.0145	0.9182	0.8297	0.1734
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-white	0.6380	0.1207	0.4286	0.4446	0.4394
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yeast	0.6419	0.0796	0.5045	0.5356	0.3357
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
zip	0.9473	0.0105	0.9420	0.9410	0.0857

Table 496: Detailed results for ExtraTrees(SK) Noise 1%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1007	0.0782	0.1044	0.0491	0.7288
abalone19	0.9833	0.0167	0.4958	-0.0083	0.4907
abalone9-18	0.8356	0.1644	0.6173	0.1828	0.5164
accelerometer	0.9550	0.0450	0.7206	0.3567	0.4852
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9756	0.0244	0.9482	0.8950	0.1934
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.7810	0.2190	0.6070	0.2126	0.7950
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.8990	0.0673	0.6432	0.3426	0.2685
AID1284Morered	0.7778	0.2222	0.6049	0.2044	0.7424
AID1284red	0.7500	0.2500	0.6471	0.2636	0.6827
AID1608Morered	0.9029	0.0971	0.4745	-0.0425	0.6928
AID1608red	0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red	0.9673	0.0327	0.6143	0.2074	0.5079
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID644Morered	0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red	0.7000	0.3000	0.6098	0.2105	0.8520
AID687AID721red	0.9967	0.0033	0.4992	-0.0010	0.2404
AID687red	0.9943	0.0057	0.4986	-0.0029	0.5248
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8779	0.1221	0.8346	0.6693	0.5619
air_pollution	0.2933	0.2019	0.1458	0.0068	0.8753
alcohol	0.8286	0.0686	0.7139	0.6412	0.2400
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8698	0.1302	0.8607	0.7201	0.5332
anneal	0.9438	0.0225	0.8853	0.8896	0.2709
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9750	0.0125	0.9386	0.9522	0.0827
anuran-genus	0.9680	0.0080	0.9311	0.9479	0.1530
anuran-species	0.9750	0.0050	0.9537	0.9653	0.0609
anxiety	0.0917	0.2019	0.0943	-0.0232	0.8326
apple-quality	0.8350	0.1650	0.8354	0.6700	0.5909
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia	0.7778	0.0444	0.6392	0.6324	0.2538
auction	0.9755	0.0245	0.9515	0.8982	0.3080
audiology	0.8182	0.0331	0.6516	0.7885	0.0642
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9714	0.0286	0.9662	0.9301	0.2161
autism-child	0.9655	0.0345	0.9667	0.9311	0.1675
autos	0.8500	0.0600	0.8548	0.8058	0.1657
avila	0.9895	0.0018	0.9738	0.9863	0.0708
babies	0.2661	0.2097	0.1755	0.0729	0.7487
balance	0.7903	0.1398	0.6425	0.6480	0.3911
bank	0.8677	0.1323	0.7437	0.4686	0.6425
banknote	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8859	0.7592	0.3826
basehock	0.9799	0.0201	0.9800	0.9598	0.1294
bio10%	0.9952	0.0048	0.8695	0.7383	0.4184
biodeg	0.9048	0.0952	0.9003	0.8000	0.4323
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.8759	0.0355	0.2388	0.0716	0.3965
body-perf	0.7179	0.1410	0.7177	0.6239	0.4181
brain-tumor	0.4960	0.5040	0.4960	-0.0079	1.0000
breast-cancer	0.7143	0.2857	0.7058	0.3913	0.7528
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6222	0.7143	0.0623
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.3880	0.4080	0.2937	-0.0739	0.8218
car	0.9368	0.0316	0.9077	0.8714	0.2617
car-insurance	0.8270	0.1730	0.8099	0.6155	0.6331
card	0.8986	0.1014	0.8960	0.7888	0.4180
cardiotocography	0.8545	0.0291	0.8438	0.8279	0.2058
cardiotocography-nsp	0.8685	0.0876	0.7840	0.6743	0.4651
cardiovascular	0.7085	0.2915	0.7092	0.4170	0.8061
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6909	0.5785	0.4585
cas_N6512_cdk_ECFP2	0.7389	0.2611	0.7407	0.4788	0.7596
cas_N6512_rdkit_ATOMPAIR	0.7677	0.2323	0.7671	0.5338	0.7216
cas_N6512_RDkit_AtomPair_FP	0.7699	0.2301	0.7694	0.5385	0.7177
cas_N6512_rdkit_AVALON	0.8095	0.1905	0.8095	0.6182	0.6452
cas_N6512_RDkit_Avalon_FP	0.8252	0.1748	0.8260	0.6502	0.6104
cas_N6512_rdkit_descriptors	0.7800	0.2200	0.7808	0.5600	0.6965
cas_N6512_rdkit_FEATMORGAN	0.7465	0.2535	0.7456	0.4911	0.7557
cas_N6512_RDkit_Featmorgan_FP	0.7837	0.2163	0.7835	0.5665	0.6933
cas_N6512_RDkit_FP	0.7883	0.2117	0.7891	0.5766	0.6821
cas_N6512_rdkit_LAYERED	0.8031	0.1969	0.8058	0.6074	0.6465
cas_N6512_RDkit_Layered_FP	0.7761	0.2239	0.7747	0.5495	0.7087
cas_N6512_rdkit_MACCS	0.7846	0.2154	0.7830	0.5658	0.6937
cas_N6512_RDkit_MACCS_FP	0.7904	0.2096	0.7916	0.5811	0.6765
cas_N6512_rdkit_MORGAN	0.7969	0.2031	0.7957	0.5914	0.6715
cas_N6512_RDkit_morgan_FP	0.7883	0.2117	0.7886	0.5762	0.6836
cas_N6512_rdkit_PATTERN	0.8031	0.1969	0.8041	0.6062	0.6537
cas_N6512_RDkit_pattern_FP	0.7853	0.2147	0.7858	0.5702	0.6884
cas_N6512_rdkit_RDKITFP	0.7988	0.2012	0.7990	0.5970	0.6647
cas_N6512_rdkit_TORSION	0.7734	0.2266	0.7753	0.5477	0.7039
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7772	0.2228	0.7819	0.5468	0.6693
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7999	0.5917	0.4453
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9261	0.0739	0.6130	0.2259	0.6375
central-nervous-system	0.5000	0.5000	0.3333	-0.2857	1.0000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.8953	0.1047	0.5637	0.1264	0.6495
cervical-H	0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S	0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia	0.7922	0.1039	0.7467	0.6880	0.3834
chrom191%	0.9912	0.0088	0.7158	0.2089	0.2692
chrom1910%	0.9971	0.0029	0.7399	0.3740	0.4520
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn	0.8140	0.1860	0.7456	0.4837	0.6960
churn-bigml	0.8951	0.1049	0.8431	0.6593	0.5496
ci900367j_MACCS	0.7263	0.2737	0.7163	0.4309	0.7876
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6905	0.2063	0.4724	0.3865	0.5907
cjs	0.9893	0.0036	0.9876	0.9869	0.0229
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8148	0.0926	0.7204	0.7204	0.4297
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.8400	0.1600	0.4565	-0.0811	0.7590
cmc	0.5442	0.3039	0.5348	0.3039	0.6930
cnae-9	0.9259	0.0165	0.9319	0.9167	0.0727
codon_usage	0.9056	0.0172	0.7566	0.8852	0.1575
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.9200	0.0107	0.9144	0.9123	0.0432
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7931	0.2069	0.7632	0.5193	0.6844
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.8621	0.1379	0.8619	0.7238	0.5324
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.8387	0.1613	0.8362	0.6578	0.5744
column-3c	0.7742	0.1505	0.7225	0.6347	0.3048
cottonmeloidogyne	0.7764	0.2236	0.7794	0.5534	0.6903
coupon	0.7555	0.2445	0.7511	0.5021	0.7452
covtypeCD	0.9597	0.0403	0.9267	0.8457	0.3851
covtypeT	0.9416	0.0584	0.8515	0.6667	0.5322
crabs	0.8000	0.1000	0.8062	0.7333	0.2155
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.9392	0.0203	0.8613	0.8769	0.2275
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5000	0.0312	0.4251	0.4839	0.0987
customer-churn	0.9312	0.0688	0.7270	0.3236	0.4312
cybersecurity	0.1667	0.2778	0.1676	-0.0002	0.8742
cyclopentane	0.7407	0.2593	0.7403	0.4793	0.7616
cylinder-bands	0.6852	0.3148	0.6722	0.3377	0.8337
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7977	0.2023	0.7198	0.4382	0.7325
defect	0.9383	0.0617	0.8822	0.7636	0.4122
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8633	0.1367	0.7539	0.4834	0.6341
depressed	0.8112	0.1888	0.6077	0.2051	0.7635
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.9167	0.0833	0.9188	0.8333	0.3549
df_final	0.6875	0.2083	0.7526	0.5455	0.2458
DIA	0.8667	0.1333	0.8113	0.5897	0.4665
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-risk	0.8886	0.1114	0.8509	0.6925	0.5470
diabetic1%	0.5098	0.3268	0.4594	0.2060	0.7301
diabetic10%	0.5000	0.3333	0.4216	0.1430	0.7758
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6735	0.1306	0.6328	0.5444	0.4910
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota210%	0.5709	0.4291	0.5691	0.1381	0.9533
drebin	0.9829	0.0171	0.9818	0.9636	0.1166
dropout	0.7562	0.1625	0.7186	0.6096	0.4542
drug-01	0.3032	0.1991	0.1995	0.0895	0.8451
drug-02	0.4149	0.1672	0.2734	0.2259	0.7853
drug-03	0.5426	0.1525	0.2673	0.1969	0.6283
drug-04	0.4096	0.1687	0.2672	0.1962	0.7713
drug-05	0.5851	0.1185	0.1250	-0.0237	0.7832
drug-06	0.3457	0.1869	0.2814	0.2103	0.6409
drug-07	0.3564	0.2145	0.1734	0.0435	0.7730
drug-08	0.4149	0.1672	0.2939	0.2020	0.6886
drug-09	0.7553	0.0816	0.2210	0.2197	0.4970
drug-10	0.5000	0.1429	0.2923	0.2448	0.7799
drug-11	0.6489	0.1003	0.2550	0.1318	0.6340
drug-12	0.6064	0.1312	0.2304	0.1165	0.7906
drug-13	0.5479	0.1292	0.2009	0.2619	0.7661
drug-14	0.5638	0.1246	0.3708	0.3645	0.7045
drug-15	0.5745	0.1216	0.2190	0.1586	0.7539
drug-16	0.5479	0.1507	0.3580	0.3597	0.5850
drug-17	0.3138	0.1960	0.3057	0.1734	0.7392
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.5213	0.1368	0.1910	0.1355	0.5524
drybean	0.9140	0.0246	0.9266	0.8961	0.1353
ecoli	0.8824	0.0392	0.7489	0.8371	0.1378
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU	0.6667	0.3333	0.6084	0.1418	0.5012
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2900	0.3550	0.2959	0.0545	0.8125
eeg-eye	0.8865	0.1135	0.8852	0.7696	0.4663
eeg10%	0.4044	0.0745	0.4322	0.3517	0.6431
eucalyptus	0.6027	0.1589	0.5794	0.4911	0.4500
euthyroid	0.8386	0.1614	0.7611	0.4462	0.5614
exon.vs.intron-freq10%	0.9421	0.0579	0.9434	0.8834	0.2594
fakenews	0.5100	0.4900	0.5096	0.0191	0.9935
farm-ads	0.8889	0.1111	0.8888	0.7757	0.4535
fbis-wc	0.8415	0.0187	0.7919	0.8211	0.1265
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.5294	0.4706	0.5248	0.0497	0.9819
financial-risk	0.7990	0.0670	0.6203	0.6779	0.2525
fishcatch	0.9375	0.0208	0.9554	0.9220	0.0612
flags	0.6500	0.1000	0.5530	0.5783	0.2109
forest	0.9231	0.0385	0.9008	0.8943	0.1218
gas	0.9957	0.0014	0.9957	0.9948	0.0103
gastrointestinal	0.6875	0.2083	0.6528	0.5062	0.4739
gender	0.5305	0.3130	0.4598	0.1814	0.7361
gene	0.9432	0.0379	0.9374	0.9095	0.1714
german	0.7100	0.2900	0.6753	0.3498	0.8266
gestures	0.9426	0.0287	0.9426	0.9235	0.1336
gina	0.9510	0.0490	0.9510	0.9020	0.2620

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gisette	0.9671	0.0329	0.9672	0.9343	0.1943
glass	0.7143	0.0952	0.8176	0.6348	0.2656
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.8571	0.1429	0.8740	0.7175	0.4205
glassBWNFP	0.7619	0.2381	0.7698	0.5161	0.6769
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4000	0.3000	0.4611	0.2012	0.5607
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.6619	0.3147	0.8012
hapt	0.9597	0.0067	0.8775	0.9524	0.0652
har	0.9893	0.0043	0.9883	0.9865	0.0280
har701%	0.8889	0.0317	0.6245	0.8417	0.2477
harth1%	0.8448	0.0259	0.6142	0.7917	0.2952
hayes-roth	0.6875	0.2083	0.7384	0.5062	0.2896
hcc-survival	0.7059	0.2941	0.7043	0.4056	0.8063
health-activity	0.7800	0.1100	0.3343	0.0690	0.1892
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9820	0.0180	0.9791	0.9577	0.1012
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6864	0.3136	0.6844	0.3681	0.8383
higher	0.0714	0.2321	0.0833	-0.0769	0.4102
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9106	0.0894	0.8565	0.7079	0.5282
hiva	0.9574	0.0426	0.6210	0.2295	0.5890
horse	0.6389	0.2407	0.6208	0.3842	0.5819
hotel-reservartions	0.8727	0.1273	0.8600	0.7182	0.5339
hr	0.8211	0.1789	0.4955	-0.0075	0.7754
ht-sensor10%	0.9994	0.0004	0.9994	0.9990	0.0036
htru2	0.9704	0.0296	0.9151	0.8291	0.3741
hypothyroid	0.8859	0.0570	0.6104	0.5442	0.3555
hypothyroidT	0.9257	0.0743	0.8234	0.6119	0.5592
ilpd	0.6271	0.3729	0.5912	0.1774	0.8671
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9620	0.0190	0.9630	0.9493	0.0729
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9191	0.0062	0.9222	0.9159	0.0700
jm1	0.7576	0.2424	0.6624	0.3174	0.7621
jvowels	0.9719	0.0062	0.9695	0.9681	0.0484
kc1	0.7678	0.2322	0.6592	0.3011	0.7199
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.4615	0.2154	0.2728	0.0900	0.5013

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7500	0.2500	0.7085	0.3921	0.7154
kdc-4007	0.7905	0.0599	0.7937	0.7555	0.3044
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9947	0.0008	0.6910	0.9911	0.1664
kepler	0.8734	0.0844	0.8267	0.7919	0.2218
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.6724	0.0364	0.6842	0.6369	0.4379
krvskp	0.9812	0.0188	0.9813	0.9623	0.1219
la1s-wc	0.8762	0.0413	0.8553	0.8449	0.2218
la2s-wc	0.8874	0.0375	0.8769	0.8585	0.1938
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.6471	0.0307	0.5774	0.6281	0.0980
led24	0.6500	0.0778	0.7018	0.6023	0.1995
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9515	0.0037	0.9515	0.9495	0.0562
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.9106	0.8806	0.0504
linkage1%	0.9997	0.0003	0.9777	0.9544	0.2027
liver	0.7353	0.2647	0.7051	0.4093	0.7890
loan	0.9649	0.0351	0.9632	0.9259	0.2175
localization10%	0.5583	0.0803	0.4443	0.4792	0.6722
lrs	0.8491	0.0431	0.7015	0.7946	0.1564
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7857	0.1429	0.5416	0.5758	0.3534
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.6577	0.3423	0.6577	0.3154	0.8715
magic04	0.8590	0.1410	0.8452	0.6903	0.5608
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8653	0.7292	0.5220
marketing	0.8661	0.1339	0.7602	0.5155	0.6533
maternal	0.7228	0.1848	0.7258	0.5770	0.4905
math	0.7250	0.1375	0.6740	0.5876	0.4227
mba	0.7468	0.1688	0.4681	0.3477	0.5880
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.1767	0.3293	0.1787	-0.0287	0.8895
messidor	0.6696	0.3304	0.6716	0.3399	0.8470
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac	0.9600	0.0080	0.9607	0.9556	0.0499
mfeat-fou	0.7800	0.0440	0.7817	0.7556	0.1688
mfeat-kar	0.9750	0.0050	0.9760	0.9722	0.0312
mfeat-mor	0.7000	0.0600	0.7000	0.6667	0.1963
mfeat-pix	0.9800	0.0040	0.9806	0.9778	0.0250
mfeat-zer	0.7800	0.0440	0.7781	0.7556	0.1311
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.4845	0.4093	0.4658
mobile	0.9371	0.0022	0.9410	0.9359	0.0290
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.7869	0.2131	0.7809	0.5532	0.6822
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4456	0.1008	0.4961	0.3669	0.5790
musk	0.9621	0.0379	0.9248	0.8458	0.2416
MUT_ci300400a_cdk_ECFP2	0.7926	0.2074	0.7917	0.5805	0.6749
MUT_ci300400a_cdk_ECFP4	0.8132	0.1868	0.8143	0.6237	0.6297
MUT_ci300400a_cdk_ECFP6	0.8024	0.1976	0.7988	0.5969	0.6640
MUT_ci300400a_cdk_ESTATE	0.7446	0.2554	0.7469	0.4880	0.7441
MUT_ci300400a_cdk_EXTENDED	0.8393	0.1607	0.8385	0.6744	0.5835
MUT_ci300400a_cdk_FCFP2	0.7701	0.2299	0.7692	0.5354	0.7129
MUT_ci300400a_cdk_FCFP4	0.7830	0.2170	0.7816	0.5607	0.6929
MUT_ci300400a_cdk_FCFP6	0.7914	0.2086	0.7916	0.5792	0.6737
MUT_ci300400a_cdk_MACCS	0.8237	0.1763	0.8205	0.6403	0.6223
MUT_ci300400a_cdk_PUBCHEM	0.8443	0.1557	0.8414	0.6821	0.5787
MUT_ci300400a_cdk_STANDARD	0.8395	0.1605	0.8363	0.6720	0.5897
MUT_ci300400a_rdkit_descriptors	0.8308	0.1692	0.8293	0.6573	0.6043
myocardial	0.8941	0.0265	0.3965	0.5075	0.1439
naticusdroid	0.9691	0.0309	0.9691	0.9381	0.1859
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.8559	0.0152	0.4740	0.6631	0.9976
neo	0.8131	0.1869	0.7605	0.4188	0.5205
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.8057	0.0088	0.8207	0.7998	0.1411
newspop	0.6559	0.3441	0.6543	0.3086	0.8744
NHANES_age_prediction	0.9824	0.0176	0.9694	0.9368	0.2236
NPHA-doctor-visits	0.4028	0.3981	0.3761	0.0394	0.7782
nursery	0.9699	0.0150	0.9428	0.9561	0.0982
obesity	0.8436	0.0447	0.8482	0.8176	0.1839
obs	0.9444	0.0278	0.9500	0.9190	0.1395
occupancy	0.9898	0.0102	0.9860	0.9717	0.1196
Occupancy_Estimation	0.9901	0.0049	0.9681	0.9700	0.0457
oh0-wc	0.8911	0.0218	0.9032	0.8767	0.1136
oh10-wc	0.8286	0.0343	0.8187	0.8054	0.1562
oh15-wc	0.9022	0.0196	0.8977	0.8890	0.1001
oh5-wc	0.8901	0.0220	0.9001	0.8763	0.1239
olive	0.9298	0.0156	0.9064	0.9124	0.0439
opn310k10%	0.9152	0.0848	0.7336	0.4672	0.6202
optdigits	0.9662	0.0068	0.9684	0.9624	0.0473
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9447	0.0553	0.5492	0.0969	0.6276
ozone8hr	0.9051	0.0949	0.6234	0.2440	0.6698
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8660	0.1340	0.8548	0.7079	0.5462
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants10%	0.9904	0.0096	0.4976	-0.0043	0.4048
page-blocks	0.9634	0.0146	0.8390	0.8173	0.4803
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.8863	0.1137	0.8792	0.7584	0.4840

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle10%	0.9054	0.0946	0.8870	0.7724	0.4673
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9009	0.0991	0.6502	0.2995	0.6610
pcmac	0.4691	0.5309	0.4260	-0.1414	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8816	0.1184	0.8355	0.6667	0.5236
pediatric-leukemia	0.7941	0.0588	0.7244	0.7441	0.1659
pendigits	0.9854	0.0029	0.9856	0.9838	0.0240
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8134	0.1866	0.8025	0.6048	0.6527
pet-adoption	0.8850	0.1150	0.8674	0.7285	0.4609
phishing	0.9551	0.0449	0.9528	0.9053	0.2439
phone-acc0.1%	0.7994	0.0573	0.7867	0.7652	0.1995
phone-gyr0.1%	0.8313	0.0482	0.8207	0.8024	0.1933
phoneme	0.8407	0.1593	0.8364	0.6506	0.5646
pima	0.7500	0.2500	0.7322	0.4547	0.7404
pirvision	0.9895	0.0070	0.9824	0.9677	0.1056
placement	0.7880	0.2120	0.7845	0.5683	0.6898
plant-growth	0.6842	0.3158	0.6910	0.3736	0.8166
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker1%	0.4634	0.1533	0.2171	0.0417	0.8073
polish-1st	0.9573	0.0427	0.5755	0.1035	0.5120
polish-2nd	0.9518	0.0482	0.5380	0.0573	0.5802
polish-3rd	0.9419	0.0581	0.5434	0.0670	0.5976
polish-4th	0.9296	0.0704	0.6465	0.2929	0.6358
polish-5th	0.9019	0.0981	0.6819	0.3562	0.6408
polya	0.7892	0.2108	0.7672	0.5335	0.7018
popularity	0.6426	0.2383	0.4935	0.3013	0.6670
post-operative	0.6667	0.3333	0.5950	0.1818	0.8798
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6768	0.3529	0.8487
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0839	0.3727	0.3908	0.2634
profb	0.6866	0.3134	0.6489	0.2976	0.8512
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio10%	0.9740	0.0104	0.9506	0.9652	0.0664
pufs-641%	0.4833	0.5167	0.4833	-0.0333	1.0000
pulsar	0.9800	0.0200	0.9419	0.8835	0.2865
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc	0.8133	0.0287	0.8490	0.7649	0.2678
re1-wc	0.8012	0.0159	0.7548	0.7790	0.2100
rejafada	0.9849	0.0151	0.9156	0.8159	0.4416
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.8699	0.0054	0.6469	0.8260	0.4300
rice	0.9852	0.0148	0.9850	0.9700	0.1034
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6401	0.3599	0.6683	0.3091	0.8015
satimage	0.8958	0.0347	0.8846	0.8717	0.1707
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9098	0.0902	0.7954	0.5785	0.5966
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9567	0.0124	0.9621	0.9494	0.0526
segmentation	0.8366	0.1634	0.8319	0.6577	0.5933
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.8333	0.1667	0.6811	0.2882	0.5363
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.7421	0.2579	0.5597	0.1125	0.7266
sens-10-gram	0.8163	0.1837	0.4943	-0.0100	0.7862
sens-2-gram	0.8526	0.1474	0.6721	0.3440	0.7101
sens-3-gram	0.8605	0.1395	0.6600	0.3140	0.7009
sens-4-gram	0.8079	0.1921	0.5902	0.1803	0.7561
sens-5-gram	0.8132	0.1868	0.5877	0.1754	0.7590
sens-6-gram	0.8289	0.1711	0.5957	0.1896	0.7542
sens-8-gram	0.8500	0.1500	0.4595	-0.0334	0.6428
sensorless	0.9985	0.0003	0.9985	0.9983	0.0033
sepsis	0.5527	0.4473	0.5873	0.0915	0.4311
shoppers	0.8751	0.1249	0.8098	0.6001	0.5990
shuttle	0.9836	0.0047	0.6614	0.9554	0.3713
sick	0.8196	0.1804	0.6873	0.2861	0.5151
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9982	0.0018	0.9973	0.9947	0.0332
skin10%	0.9918	0.0082	0.9879	0.9756	0.1098
smarket	0.9920	0.0080	0.9921	0.9840	0.0564
smart-farming	0.2400	0.3800	0.2390	-0.0064	0.7525
smk_can_187	0.5789	0.4211	0.5778	0.1556	0.9466
smoking	0.7375	0.2625	0.7704	0.4953	0.6348
soil_pollution	0.2100	0.3160	0.2104	0.0122	0.8658
solar-flare	0.7122	0.0959	0.6609	0.6432	0.2697
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9559	0.0046	0.9754	0.9518	0.0266
spam-detection	0.9495	0.0505	0.8745	0.7380	0.4957
spambase	0.9283	0.0717	0.9247	0.8487	0.3417
spect	0.7200	0.2800	0.7059	0.3636	0.6753
spectf	0.8286	0.1714	0.7799	0.5532	0.6369
spectrometer	0.5769	0.0313	0.4519	0.5505	0.1301
splice-EI	0.9779	0.0221	0.9717	0.9427	0.1928
splice-IE	0.9432	0.0568	0.9214	0.8428	0.3504
sport-articles	0.8000	0.2000	0.7912	0.5804	0.6732
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8904	0.0731	0.8641	0.8225	0.2521
steel-b	0.8000	0.2000	0.7513	0.4853	0.6848
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.7846	0.2154	0.7664	0.5322	0.7106
steel-p	0.9333	0.0667	0.8352	0.6477	0.5519
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9124	0.8173	0.4208
stellar	0.9652	0.0232	0.9607	0.9386	0.1408
stock	0.8958	0.1042	0.8384	0.6725	0.5602
stockb	0.9868	0.0088	0.9870	0.9802	0.0366
streaming	0.9420	0.0580	0.9414	0.8828	0.2984
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5150	0.1940	0.3992	0.3215	0.6198
student-habits	0.2500	0.3000	0.1902	-0.0210	0.8456
student-weekend	0.3077	0.2769	0.2638	0.1022	0.7060
student-workday	0.6562	0.1375	0.2318	0.1871	0.6967

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
studentap	0.5385	0.3077	0.5263	0.3036	0.5575
susy1%	0.7992	0.2008	0.7975	0.5924	0.6597
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8835	0.1165	0.8547	0.7084	0.5365
texture	0.9745	0.0046	0.9762	0.9719	0.0360
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7021	0.2979	0.4740	-0.0511	0.7846
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9764	0.9529	0.1491
tis10%	0.8806	0.1194	0.8361	0.6717	0.5478
titanic	0.7591	0.2409	0.7276	0.4549	0.7599
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f	0.7059	0.2941	0.6670	0.3307	0.8305
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6000	0.4000	0.5081	0.0157	0.8761
trec11-wc	0.8293	0.0379	0.7026	0.7931	0.1493
trec12-wc	0.9677	0.0081	0.9719	0.9614	0.0272
trec21-wc	0.9091	0.0364	0.5419	0.7946	0.0787
trec23-wc	0.8095	0.0635	0.7323	0.7273	0.1939
trec31-wc	0.9140	0.0287	0.8881	0.8865	0.1610
trec41-wc	0.8068	0.0386	0.6609	0.7636	0.2044
trec45-wc	0.7826	0.0435	0.7201	0.7464	0.1999
tuandromd	0.9749	0.0251	0.9624	0.9229	0.2460
turkish	0.8250	0.0875	0.8291	0.7667	0.2150
tvnews1%	0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%	0.9044	0.0956	0.8970	0.7939	0.4334
ur3_cobotops_grip	0.9551	0.0449	0.6908	0.3771	0.5929
ur3_cobotops_stop	0.9633	0.0367	0.7967	0.5785	0.5588
urban	0.8358	0.0365	0.8541	0.8086	0.1481
urinalysis	0.9021	0.0979	0.7024	0.3696	0.5897
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7619	0.1190	0.7043	0.6758	0.2503
vehicleVAN	0.9643	0.0357	0.9565	0.9091	0.2605
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.7677	0.0422	0.7889	0.7444	0.1267
vowelZ	0.9798	0.0202	0.9473	0.8889	0.3322
wap-wc	0.8333	0.0167	0.7401	0.8145	0.1226
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9122	0.0251	0.9109	0.8973	0.1262
watch-gyr1%	0.9177	0.0235	0.9165	0.9038	0.1175
water_pollution	0.1867	0.4067	0.1882	-0.0845	0.9015
waveform	0.8600	0.0933	0.8627	0.7901	0.3198
weather-related	0.9731	0.0049	0.9749	0.9696	0.0451
web-phishing	0.8593	0.0938	0.8265	0.7571	0.4119
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9731	0.0269	0.8724	0.7406	0.4687
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5157	0.1614	0.2861	0.2754	0.6085
winequality-white	0.5828	0.1391	0.4553	0.4075	0.5378
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.6600	0.7311	0.0549

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeast	0.6284	0.0826	0.4674	0.5241	0.3892
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9392	0.0608	0.7807	0.4478	0.4858
yeastME1	0.9730	0.0270	0.8520	0.6542	0.5283
yeastME2	0.9122	0.0878	0.6443	0.2723	0.5989
zip	0.9462	0.0108	0.9408	0.9398	0.0893

Table 497: Detailed results for LF Noise 1%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1583	0.0732	0.1160	0.0777	0.6025
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9853	0.0147	0.7331	0.3146	0.1402
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9695	0.0305	0.9358	0.8712	0.2692
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.5317	0.4683	0.4116	-0.0942	0.4738
AID_1431_MACCSFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878	0.7905	0.2095	0.6002	0.1940	0.7885
AID_602330	0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128	0.8586	0.0943	0.3080	-0.0312	0.3708
AID1284Morered	0.5556	0.4444	0.4928	-0.0105	0.6414
AID1284red	0.8333	0.1667	0.5863	0.1628	0.7500
AID1608Morered	0.7573	0.2427	0.5264	0.0388	0.5151
AID1608red	0.9320	0.0680	0.4824	-0.0169	0.5534
AID362red	0.9836	0.0164	0.4959	-0.0040	0.4515
AID439Morered	0.5714	0.4286	0.3636	-0.2353	0.7045
AID439red	0.2857	0.7143	0.2222	-0.2963	0.6098
AID456red	0.9960	0.0040	0.4990	-0.0015	0.5141
AID644Morered	0.3500	0.6500	0.3122	-0.3542	0.9481
AID644red	0.7500	0.2500	0.6891	0.3750	0.7858
AID721morered	0.5556	0.4444	0.3571	-0.2857	0.9011
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
aids	0.8967	0.1033	0.8534	0.6964	0.4470
air_pollution	0.3933	0.1733	0.1352	-0.0051	0.4979
alcohol	0.8476	0.0610	0.5601	0.6500	0.1574
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9488	0.0512	0.9437	0.8871	0.2728
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	0.9459	0.0541	0.9095	0.8021	0.1598
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9875	0.0063	0.9518	0.9761	0.0329
anuran-genus	0.9805	0.0049	0.9449	0.9678	0.0949
anuran-species	0.9875	0.0025	0.9806	0.9826	0.0173
anxiety	0.1333	0.1926	0.1300	0.0239	0.8096
apple-quality	0.8775	0.1225	0.8776	0.7550	0.4925
arabidopsis0.1%	0.6824	0.3176	0.4056	-0.0175	0.0792
arcene	0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia	0.6000	0.0800	0.2786	0.3468	0.3885
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.8182	0.0331	0.6699	0.7848	0.0820
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult	0.9714	0.0286	0.9662	0.9301	0.2161
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.8676	0.8676	0.0774
avila	0.9957	0.0007	0.9945	0.9944	0.0130
babies	0.4032	0.1705	0.1667	0.0954	0.5619
balance	0.8548	0.0968	0.6092	0.7395	0.3745
bank	0.9104	0.0896	0.7649	0.5284	0.5928
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9055	0.0945	0.8972	0.7887	0.3865

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
basehock	0.8141	0.1859	0.8153	0.6280	0.6285
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8476	0.1524	0.8403	0.6800	0.5791
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9863	0.0039	0.2162	0.0898	0.0931
body-perf	0.7284	0.1358	0.7301	0.6378	0.4119
brain-tumor	0.5100	0.4900	0.5100	0.0201	0.9941
breast-cancer	0.6429	0.3571	0.5276	0.0541	0.9174
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.9000	0.0333	0.7895	0.8571	0.0318
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4470	0.3687	0.3021	-0.0347	0.5838
car	0.9828	0.0086	0.9584	0.9632	0.1101
car-insurance	0.8500	0.1500	0.8242	0.6482	0.5943
card	0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography	0.8873	0.0225	0.8839	0.8651	0.1414
cardiotocography-nsp	0.9484	0.0344	0.8996	0.8507	0.1531
cardiovascular	0.7176	0.2824	0.7176	0.4352	0.7973
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8500	0.1000	0.8096	0.7324	0.3976
cas_N6512_cdk_ECFP2	0.7742	0.2258	0.7725	0.5448	0.7117
cas_N6512_rdkit_ATOMPAIR	0.7477	0.2523	0.7456	0.4909	0.7543
cas_N6512_RDkit_AtomPair_FP	0.7500	0.2500	0.7478	0.4945	0.7491
cas_N6512_rdkit_AVALON	0.8080	0.1920	0.8066	0.6131	0.6503
cas_N6512_RDkit_Avalon_FP	0.8052	0.1948	0.8045	0.6088	0.6554
cas_N6512_rdkit_descriptors	0.7985	0.2015	0.7975	0.5950	0.6684
cas_N6512_rdkit_FEATMORGAN	0.7542	0.2458	0.7522	0.5040	0.7441
cas_N6512_RDkit_Featmorgan_FP	0.7807	0.2193	0.7789	0.5570	0.6987
cas_N6512_RDkit_FP	0.7653	0.2347	0.7638	0.5276	0.7267
cas_N6512_rdkit_LAYERED	0.7769	0.2231	0.7769	0.5530	0.7046
cas_N6512_RDkit_Layered_FP	0.7730	0.2270	0.7711	0.5414	0.7118
cas_N6512_rdkit_MACCS	0.8031	0.1969	0.8014	0.6024	0.6587
cas_N6512_RDkit_MACCS_FP	0.7982	0.2018	0.7985	0.5957	0.6653
cas_N6512_rdkit_MORGAN	0.7631	0.2369	0.7610	0.5211	0.7281
cas_N6512_RDkit_morgan_FP	0.7929	0.2071	0.7914	0.5826	0.6782
cas_N6512_rdkit_PATTERN	0.8000	0.2000	0.7993	0.5984	0.6652
cas_N6512_RDkit_pattern_FP	0.7914	0.2086	0.7910	0.5815	0.6803
cas_N6512_rdkit_RDKITFP	0.7450	0.2550	0.7433	0.4866	0.7589
cas_N6512_rdkit_TORSION	0.7688	0.2313	0.7671	0.5342	0.7212
ccds1%	0.7802	0.2198	0.4839	-0.0176	0.3539
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7254	0.2746	0.7114	0.4197	0.7871
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7880	0.5456	0.3722
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9542	0.0458	0.6766	0.2927	0.4645
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9651	0.0349	0.7807	0.5536	0.4782
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9429	0.0285	0.9395	0.9149	0.1369
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%	0.9994	0.0006	0.8610	0.7219	0.3974
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8600	0.1400	0.7635	0.5120	0.5988
churn-bigml	0.9588	0.0412	0.9142	0.8130	0.1274

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ci900367j_MACCS	0.7158	0.2842	0.7073	0.4121	0.7982
circles	0.9960	0.0001	0.9963	0.9960	0.0019
cirrhosis	0.8095	0.1270	0.5548	0.6056	0.2977
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	0.9000	0.1000	0.9057	0.7938	0.3750
clave	0.8333	0.0833	0.7018	0.7356	0.3201
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8600	0.1400	0.4624	-0.0606	0.7431
cmc	0.5374	0.3084	0.5074	0.2753	0.7112
cnae-9	0.7407	0.0576	0.7897	0.7083	0.2124
codon_usage	0.9309	0.0126	0.7756	0.9157	0.0956
coil20	0.9167	0.0083	0.9223	0.9123	0.0505
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.7000	0.0400	0.6150	0.6673	0.1725
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.7241	0.2759	0.6954	0.3696	0.7628
colposcopies-3	0.7586	0.2414	0.7549	0.5085	0.7375
colposcopies-4	0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.8387	0.1075	0.7853	0.7359	0.2503
cottonmeloidogyne	0.7837	0.2163	0.7837	0.5673	0.6939
coupon	0.7752	0.2248	0.7694	0.5375	0.7101
covtypeCD	0.9920	0.0080	0.9830	0.9660	0.0884
covtypeT	0.9855	0.0145	0.9425	0.8841	0.2084
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9989	0.0011	0.8651	0.7267	0.4494
crowdsourced	0.9530	0.0157	0.8841	0.9021	0.1087
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5000	0.0312	0.4419	0.4839	0.1049
customer-churn	0.9776	0.0224	0.7090	0.4172	0.5510
cybersecurity	0.1633	0.2789	0.1648	-0.0054	0.8823
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.5741	0.4259	0.5722	0.1434	0.9419
darwin	0.6667	0.3333	0.7273	0.3333	0.5000
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	0.2857	0.7143	0.2222	-0.2963	0.9844
default	0.8213	0.1787	0.7087	0.3956	0.6741
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9058	0.0942	0.7495	0.4924	0.5906
depressed	0.8252	0.1748	0.5711	0.0850	0.6422
dermatology	0.9189	0.0270	0.9191	0.8982	0.0846
desharnais	0.7500	0.1667	0.8497	0.6000	0.2311
dexter	0.6167	0.3833	0.6224	0.2333	0.8822
df_final	0.7500	0.1667	0.7616	0.6098	0.2841
DIA	0.7500	0.2500	0.6741	0.3478	0.7928
diabetes	0.9808	0.0192	0.9803	0.9598	0.1307
diabetes-risk	0.9151	0.0849	0.8674	0.7339	0.4619
diabetic1%	0.4412	0.3725	0.4332	0.0876	0.7628
diabetic10%	0.5010	0.3327	0.3571	0.0777	0.7504
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7944	0.0822	0.7943	0.7088	0.3134

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9217	0.0783	0.7206	0.3677	0.4371
dota210%	0.5816	0.4184	0.5785	0.1564	0.9440
drebin	0.9870	0.0130	0.9862	0.9724	0.0977
dropout	0.7810	0.1460	0.7057	0.6310	0.4354
drug-01	0.3404	0.1885	0.1630	0.0038	0.6358
drug-02	0.5160	0.1383	0.2326	0.1678	0.6057
drug-03	0.6543	0.1152	0.1783	0.0327	0.4165
drug-04	0.5053	0.1413	0.1821	0.0907	0.6396
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4202	0.1657	0.2761	0.2679	0.5395
drug-07	0.4202	0.1933	0.1936	0.0456	0.4740
drug-08	0.5745	0.1216	0.2339	0.2148	0.5231
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1608	0.1562	0.5162
drug-11	0.8457	0.0441	0.1309	-0.0065	0.2227
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6330	0.1049	0.1995	0.2800	0.3836
drug-14	0.6011	0.1140	0.3007	0.2856	0.4787
drug-15	0.7500	0.0714	0.2111	0.0713	0.3892
drug-16	0.5532	0.1489	0.2552	0.2474	0.4880
drug-17	0.3457	0.1869	0.2224	0.1069	0.6527
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1773	0.0733	0.2724
drybean	0.9265	0.0210	0.9402	0.9112	0.1201
ecoli	0.8235	0.0588	0.6667	0.7527	0.1713
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3100	0.3450	0.3094	0.0794	0.8205
eeg-eye	0.9199	0.0801	0.9192	0.8373	0.3633
eeg10%	0.4687	0.0664	0.4463	0.4084	0.5121
eucalyptus	0.6712	0.1315	0.6445	0.5775	0.3570
euthyroid	0.9747	0.0253	0.9267	0.8527	0.2759
exon.vs.intron-freq10%	0.9635	0.0365	0.9634	0.9267	0.2106
fakenews	0.5275	0.4725	0.5274	0.0549	0.9836
farm-ads	0.6812	0.3188	0.6830	0.3640	0.8381
fbis-wc	0.3252	0.0794	0.3154	0.2463	0.6264
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk	0.9225	0.0258	0.7095	0.8764	0.1524
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.4500	0.1571	0.2851	0.3082	0.3727
forest	0.9038	0.0481	0.8808	0.8664	0.1122
gas	0.9921	0.0026	0.9917	0.9904	0.0228
gastrointestinal	0.7500	0.1667	0.6999	0.5733	0.3912
gender	0.5979	0.2681	0.4693	0.1400	0.5396
gene	0.9338	0.0442	0.9280	0.8943	0.2064
german	0.7500	0.2500	0.7121	0.3812	0.6824
gestures	0.9315	0.0342	0.9320	0.9087	0.1570
gina	0.8559	0.1441	0.8563	0.7114	0.5419
gisette	0.9029	0.0971	0.9033	0.8057	0.4193
glass	0.7143	0.0952	0.6999	0.6050	0.3157

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8095	0.1905	0.7948	0.5758	0.6172
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8660	0.7317	0.5218
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.5333	0.2333	0.5879	0.3598	0.4247
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7000	0.3000	0.5682	0.1290	0.8673
hapt	0.9753	0.0041	0.8942	0.9708	0.0255
har	0.9959	0.0016	0.9955	0.9948	0.0123
har701%	0.9257	0.0212	0.5682	0.8894	0.1146
harth1%	0.8770	0.0205	0.5989	0.8317	0.1948
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity	0.7800	0.1100	0.3343	0.0690	0.1892
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8667	0.1333	0.8780	0.7273	0.3522
heart-failure	0.9860	0.0140	0.9837	0.9673	0.0984
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs	0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs	0.4286	0.5714	0.3000	-0.4000	0.9644
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.7018	0.2982	0.7000	0.3995	0.8188
higher	0.2857	0.1786	0.1829	0.1617	0.2909
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.8438	0.1562	0.8511	0.6899	0.5288
hiv1-proteasa	0.9039	0.0961	0.8155	0.6195	0.4945
hiva	0.9574	0.0426	0.5920	0.1629	0.5802
horse	0.6389	0.2407	0.6226	0.3777	0.5894
hotel-reservartions	0.9176	0.0824	0.9056	0.8106	0.3951
hr	0.8526	0.1474	0.4602	-0.0199	0.5496
ht-sensor10%	0.9970	0.0020	0.9970	0.9955	0.0157
htru2	0.9777	0.0223	0.9310	0.8612	0.2547
hypothyroid	0.9973	0.0013	0.7496	0.9840	0.0048
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6949	0.3051	0.6151	0.2293	0.8610
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9747	0.0127	0.9751	0.9662	0.0553
ionosphere	0.9143	0.0857	0.8990	0.7961	0.3975
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9268	0.0056	0.9278	0.9239	0.0697
jm1	0.8301	0.1699	0.6838	0.3383	0.6711
jvowels	0.9920	0.0018	0.9917	0.9909	0.0162
kc1	0.8768	0.1232	0.7274	0.4181	0.5663
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.5385	0.1846	0.2791	0.2778	0.3796
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.8077	0.1923	0.6751	0.3350	0.7254

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kdc-4007	0.1796	0.2344	0.1705	0.0435	0.8463
kddcup981%	0.9158	0.0842	0.4780	-0.0411	0.6731
kepler	0.8933	0.0711	0.8550	0.8239	0.2013
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.8827	0.0130	0.8963	0.8689	0.1397
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
la1s-wc	0.6921	0.1026	0.6876	0.6159	0.4513
la2s-wc	0.7351	0.0883	0.7204	0.6672	0.4041
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8235	0.0153	0.7921	0.8142	0.0398
led24	0.6500	0.0778	0.6782	0.6011	0.1969
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9605	0.0030	0.9605	0.9589	0.0469
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8056	0.0259	0.8163	0.7910	0.0856
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.6765	0.3235	0.6393	0.2780	0.8579
loan	0.9906	0.0094	0.9901	0.9800	0.0527
localization10%	0.6905	0.0563	0.4351	0.6042	0.4568
lrs	0.8113	0.0539	0.5993	0.7387	0.1799
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.6667	0.3333	0.6582	0.3077	0.8482
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.6731	0.3269	0.6750	0.3462	0.8445
magic04	0.8816	0.1184	0.8684	0.7350	0.4898
malware	0.8919	0.1081	0.8238	0.6476	0.5646
mammography	0.8021	0.1979	0.8027	0.6042	0.6575
marketing	0.9018	0.0982	0.7767	0.4952	0.4071
maternal	0.8317	0.1122	0.8353	0.7451	0.3738
math	0.8750	0.0625	0.8256	0.8054	0.1906
mba	0.8000	0.1333	0.3870	0.1494	0.4102
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2267	0.3093	0.2284	0.0329	0.8565
messidor	0.7304	0.2696	0.7264	0.4528	0.7821
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.6702	0.7621	0.1582
meter-D	0.8889	0.0556	0.8711	0.8435	0.1146
mfeat-fac	0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-fou	0.8000	0.0400	0.7982	0.7778	0.1599
mfeat-kar	0.9700	0.0060	0.9702	0.9667	0.0379
mfeat-mor	0.7000	0.0600	0.7051	0.6667	0.1950
mfeat-pix	0.9750	0.0050	0.9752	0.9722	0.0315
mfeat-zer	0.8150	0.0370	0.8169	0.7944	0.0959
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5000	0.2000	0.4652	0.3724	0.4737
mobile	0.9021	0.0035	0.9095	0.9003	0.0456

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9508	0.0492	0.9452	0.8898	0.2625
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4867	0.0933	0.5428	0.3884	0.5466
musk	0.9652	0.0348	0.9310	0.8557	0.1771
MUT_ci300400a_cdk_ECFP2	0.8213	0.1787	0.8161	0.6322	0.6290
MUT_ci300400a_cdk_ECFP4	0.8311	0.1689	0.8257	0.6511	0.6076
MUT_ci300400a_cdk_ECFP6	0.7928	0.2072	0.7850	0.5666	0.6747
MUT_ci300400a_cdk_ESTATE	0.7818	0.2182	0.7732	0.5431	0.6953
MUT_ci300400a_cdk_EXTENDED	0.8489	0.1511	0.8445	0.6891	0.5694
MUT_ci300400a_cdk_FCFP2	0.8395	0.1605	0.8344	0.6685	0.5895
MUT_ci300400a_cdk_FCFP4	0.8189	0.1811	0.8128	0.6251	0.6318
MUT_ci300400a_cdk_FCFP6	0.8369	0.1631	0.8322	0.6644	0.5962
MUT_ci300400a_cdk_MACCS	0.8621	0.1379	0.8577	0.7152	0.5364
MUT_ci300400a_cdk_PUBCHEM	0.8719	0.1281	0.8678	0.7354	0.5126
MUT_ci300400a_cdk_STANDARD	0.8323	0.1677	0.8274	0.6548	0.6062
MUT_ci300400a_rdkit_descriptors	0.8697	0.1303	0.8665	0.7329	0.5176
myocardial	0.8882	0.0279	0.3897	0.4453	0.0904
naticusdroid	0.9722	0.0278	0.9722	0.9443	0.1715
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.9206	0.0084	0.5787	0.7785	0.2991
neo	0.9183	0.0817	0.7381	0.4661	0.5755
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
newspop	0.6665	0.3335	0.6641	0.3276	0.8620
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4722	0.3519	0.4193	0.0579	0.6879
nursery	0.9977	0.0012	0.9982	0.9966	0.0081
obesity	0.9289	0.0203	0.9285	0.9170	0.0993
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9947	0.0053	0.9925	0.9850	0.0700
Occupancy_Estimation	0.9951	0.0025	0.9808	0.9849	0.0130
oh0-wc	0.7723	0.0455	0.7785	0.7375	0.2164
oh10-wc	0.6667	0.0667	0.6414	0.6208	0.3210
oh15-wc	0.6522	0.0696	0.6149	0.6072	0.3355
oh5-wc	0.7802	0.0440	0.7840	0.7515	0.2084
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%	0.9304	0.0696	0.7441	0.4558	0.4918
optdigits	0.9698	0.0060	0.9713	0.9664	0.0439
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9249	0.0751	0.6523	0.2635	0.5646
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8041	0.1959	0.7892	0.5761	0.6729
P-Glycoprotein_c_RDkit_AtomPair_FP	0.6746	0.3254	0.6736	0.3472	0.8526
p53-mutants10%	0.8408	0.1592	0.4567	-0.0063	0.0444
page-blocks	0.9835	0.0066	0.8445	0.9057	0.1169
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.9052	0.0948	0.8987	0.7947	0.4054
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.9292	0.0708	0.9125	0.8251	0.3838
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9189	0.0811	0.6396	0.2671	0.6352

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pcmac	0.4536	0.5464	0.4530	-0.0928	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.5263	0.4737	0.4923	-0.0141	0.8583
pediatric-leukemia	0.8529	0.0420	0.7835	0.8188	0.1260
pendigits	0.9918	0.0016	0.9920	0.9909	0.0150
period	0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8192	0.1808	0.8050	0.6088	0.6374
pet-adoption	0.9500	0.0500	0.9432	0.8843	0.2437
phishing	0.9796	0.0204	0.9786	0.9573	0.1420
phone-acc0.1%	0.8897	0.0315	0.8827	0.8711	0.1130
phone-gyr0.1%	0.9153	0.0242	0.9086	0.9010	0.1089
phoneme	0.9204	0.0796	0.9022	0.8043	0.4138
pima	0.7368	0.2632	0.7191	0.4081	0.7142
pirvision	0.9876	0.0083	0.9745	0.9613	0.1269
placement	0.7810	0.2190	0.7732	0.5447	0.7004
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker1%	0.6098	0.1115	0.1784	0.2618	0.2983
polish-1st	0.9829	0.0171	0.8711	0.7189	0.1802
polish-2nd	0.9646	0.0354	0.6944	0.3195	0.4118
polish-3rd	0.9543	0.0457	0.6538	0.2113	0.4104
polish-4th	0.9633	0.0367	0.7954	0.5812	0.4539
polish-5th	0.9611	0.0389	0.8295	0.6372	0.3429
polya	0.7978	0.2022	0.7748	0.5458	0.6789
popularity	0.6835	0.2110	0.4607	0.2714	0.4918
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7207	0.4412	0.7929
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0839	0.4142	0.3883	0.2934
profb	0.7910	0.2090	0.7760	0.5473	0.6914
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9934	0.0027	0.9874	0.9911	0.0211
pufs-641%	0.4963	0.5038	0.4963	-0.0075	1.0000
pulsar	0.9840	0.0160	0.9510	0.9004	0.1552
raisin	0.8778	0.1222	0.8786	0.7556	0.4852
re0-wc	0.3533	0.0995	0.2314	0.1264	0.3767
re1-wc	0.0723	0.0742	0.0517	0.0327	0.3938
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9789	0.0211	0.9788	0.9575	0.1395
rice	0.9874	0.0126	0.9872	0.9744	0.0893
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.7489	0.2511	0.7415	0.4827	0.7575
satimage	0.9145	0.0285	0.9000	0.8943	0.1338
satimageF	0.9876	0.0124	0.9679	0.9359	0.1750
satimageT	0.9409	0.0591	0.8154	0.5980	0.3572
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.5556	0.4444	0.5303	0.0526	0.7987
schizo	0.6471	0.3529	0.6673	0.2941	0.7776
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9038	0.0962	0.5799	0.1595	0.6726
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9610	0.0111	0.9650	0.9545	0.0554
segmentation	0.8614	0.1386	0.8481	0.6960	0.5520
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9380	0.0620	0.6847	0.1046	0.1594

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-2-gram	0.8553	0.1447	0.5678	0.0991	0.6711
sens-3-gram	0.7816	0.2184	0.5773	0.1522	0.7482
sens-4-gram	0.5105	0.4895	0.4858	-0.0184	0.5963
sens-5-gram	0.7105	0.2895	0.5296	0.0543	0.7165
sens-6-gram	0.8237	0.1763	0.5513	0.0984	0.7703
sensorless	0.9971	0.0005	0.9971	0.9968	0.0061
sepsis	0.9095	0.0905	0.6570	0.0031	0.2085
shoppers	0.9019	0.0981	0.7988	0.5929	0.5497
shuttle	0.9988	0.0003	0.9488	0.9966	0.1415
sick	0.9841	0.0159	0.9325	0.8554	0.0582
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9990	0.0010	0.9985	0.9969	0.0198
skin10%	0.9959	0.0041	0.9938	0.9876	0.0538
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.2573	0.0139	0.8286
smk_can_187	0.8421	0.1579	0.8427	0.6816	0.5635
smoking	0.8402	0.1598	0.8301	0.6596	0.5992
soil_pollution	0.1900	0.3240	0.1887	-0.0133	0.8854
solar-flare	0.7698	0.0767	0.6990	0.7061	0.2173
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	0.9706	0.0031	0.9725	0.9677	0.0167
spam-detection	0.9510	0.0490	0.8512	0.7024	0.4658
spambase	0.9457	0.0543	0.9430	0.8858	0.2836
spect	0.7600	0.2400	0.5626	0.1176	0.8231
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.5769	0.0313	0.4441	0.5512	0.1460
splice-EI	0.9653	0.0347	0.9569	0.9113	0.2604
splice-IE	0.9338	0.0662	0.9072	0.8140	0.3784
sport-articles	0.8200	0.1800	0.8030	0.5959	0.6085
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9195	0.0537	0.8978	0.8691	0.2006
steel-b	0.8821	0.1179	0.8108	0.6137	0.5418
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8103	0.1897	0.7861	0.5690	0.6581
steel-p	0.9385	0.0615	0.7527	0.4290	0.3541
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9897	0.0103	0.9729	0.9443	0.2161
stellar	0.9776	0.0149	0.9743	0.9602	0.0877
stock	0.9444	0.0556	0.9022	0.8003	0.3241
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9841	0.0063	0.9852	0.9802	0.0242
student-lifestyle	0.5850	0.1660	0.3387	0.3232	0.5035
student-habits	0.3700	0.2520	0.2283	0.0169	0.5468
student-weekend	0.3077	0.2769	0.1675	0.0253	0.7199
student-workday	0.7188	0.1125	0.2563	0.2325	0.3846
studentap	0.5385	0.3077	0.5220	0.2778	0.5861
susy1%	0.8002	0.1998	0.7988	0.5938	0.6537
tae	0.5333	0.3111	0.5415	0.3000	0.6406
telco-churn	0.9148	0.0852	0.8876	0.7706	0.3954
texture	0.9909	0.0017	0.9913	0.9900	0.0139
theorem	0.9967	0.0033	0.9966	0.9933	0.0309
thoracic	0.8511	0.1489	0.6149	0.1671	0.6222

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.7313	0.2687	0.6749	0.3433	0.7849
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.5000	0.2000	0.3750	0.3191	0.2255
tox_171	0.8824	0.0588	0.9083	0.8440	0.0951
toxicity	0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f	0.7059	0.2941	0.6540	0.2735	0.7752
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.6533	0.3467	0.4620	-0.0726	0.9159
trec11-wc	0.8780	0.0271	0.7995	0.8490	0.0885
trec12-wc	0.7742	0.0565	0.8163	0.7331	0.1799
trec21-wc	0.9394	0.0242	0.7708	0.8738	0.1263
trec23-wc	0.8095	0.0635	0.8421	0.7565	0.1869
trec31-wc	0.9355	0.0215	0.9300	0.9143	0.0847
trec41-wc	0.8636	0.0273	0.8690	0.8309	0.1310
trec45-wc	0.7246	0.0551	0.6809	0.6769	0.2378
tuandromd	0.9932	0.0068	0.9890	0.9778	0.0333
turkish	0.8000	0.1000	0.7970	0.7333	0.2083
tvnews1%	0.9462	0.0538	0.9420	0.8829	0.2707
tvnews10%	0.9090	0.0910	0.9017	0.8032	0.4165
ur3_cobotops_grip	0.9782	0.0218	0.7965	0.4917	0.0722
ur3_cobotops_stop	0.9755	0.0245	0.7996	0.5790	0.3800
urban	0.8209	0.0398	0.8374	0.7908	0.1546
urinalysis	0.9510	0.0490	0.7274	0.4373	0.5211
ustilago1%	0.9805	0.0195	0.4951	-0.0099	0.5378
vehicle	0.7976	0.1012	0.7674	0.7273	0.1793
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9070	0.0930	0.9089	0.8143	0.3926
vowel	0.6061	0.0716	0.6177	0.5667	0.2133
vowelZ	0.9192	0.0808	0.7036	0.1852	0.1938
wap-wc	0.7821	0.0218	0.6514	0.7563	0.1411
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9845	0.0044	0.9841	0.9818	0.0326
watch-gyr1%	0.9779	0.0063	0.9774	0.9741	0.0416
water_pollution	0.2233	0.3883	0.2230	-0.0354	0.8809
waveform	0.8400	0.1067	0.8400	0.7600	0.3696
weather-related	0.9750	0.0045	0.9767	0.9717	0.0345
web-phishing	0.8741	0.0840	0.8358	0.7776	0.3767
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9855	0.0145	0.9195	0.8369	0.2405
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.7044	0.0985	0.3489	0.5262	0.3558
winequality-white	0.6871	0.1043	0.5124	0.5178	0.4305
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7257	0.7322	0.0668
yeast	0.5946	0.0901	0.4513	0.4710	0.3525
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1	0.9865	0.0135	0.8546	0.6605	0.0495
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9473	0.0105	0.9424	0.9409	0.0813

Table 498: Detailed results for LMT^{CV} Noise 1%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1607	0.0730	0.1081	0.0750	0.5374
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9828	0.0172	0.6489	0.1240	0.2157
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9817	0.0183	0.9615	0.9227	0.1725
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.9014	0.0986	0.8605	0.7123	0.4372
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8476	0.0610	0.6750	0.6854	0.3320
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9581	0.0419	0.9540	0.9076	0.2319
anneal	0.9551	0.0180	0.9623	0.9101	0.1206
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9958	0.0042	0.9082	0.7980	0.4644
anuran-family	0.9708	0.0146	0.9188	0.9442	0.1495
anuran-genus	0.9805	0.0049	0.9486	0.9681	0.1476
anuran-species	0.9736	0.0053	0.9335	0.9633	0.0688
anxiety	0.1000	0.2000	0.0988	-0.0121	0.8308
apple-quality	0.8400	0.1600	0.8400	0.6800	0.5829
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia	0.7111	0.0578	0.5331	0.5312	0.2963
auction	0.9706	0.0294	0.9321	0.8633	0.2582
audiology	0.9545	0.0083	0.9735	0.9471	0.0293
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9064	0.8667	0.0861
avila	0.9808	0.0032	0.9385	0.9751	0.1341
babies	0.5000	0.1429	0.2151	0.2190	0.4660
balance	0.9032	0.0645	0.8107	0.8203	0.1957
bank	0.9143	0.0857	0.7672	0.5292	0.5694
banknote	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9032	0.0968	0.8950	0.7826	0.3835
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8476	0.1524	0.8403	0.6800	0.5791
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9853	0.0042	0.1855	0.0831	0.2960
body-perf	0.6866	0.1567	0.6877	0.5821	0.4565
brain-tumor	0.4835	0.5165	0.4834	-0.0331	1.0000
breast-cancer	0.7500	0.2500	0.6633	0.3099	0.7764
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.6525	0.5600	0.2067
bridges	0.7000	0.1000	0.6333	0.5714	0.2002
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9483	0.0259	0.8992	0.8911	0.1980
car-insurance	0.8510	0.1490	0.8247	0.6490	0.5907
card	0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography	0.8592	0.0282	0.7803	0.8313	0.1760
cardiotocography-nsp	0.9343	0.0438	0.8857	0.8194	0.2933
cardiovascular	0.7352	0.2648	0.7363	0.4704	0.7665
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8250	0.1167	0.7353	0.6875	0.3673
cas_N6512_cdk_ECFP2	0.7512	0.2488	0.7502	0.5002	0.7488
cas_N6512_rdkit_ATOMPAIR	0.7277	0.2723	0.7252	0.4494	0.7829
cas_N6512_RDkit_AtomPair_FP	0.7531	0.2469	0.7511	0.4988	0.7383
cas_N6512_rdkit_AVALON	0.7849	0.2151	0.7832	0.5662	0.6926
cas_N6512_RDkit_Avalon_FP	0.8052	0.1948	0.8049	0.6093	0.6543
cas_N6512_rdkit_descriptors	0.7662	0.2338	0.7647	0.5293	0.7254
cas_N6512_rdkit_FEATMORGAN	0.7127	0.2873	0.7102	0.4201	0.8051
cas_N6512_RDkit_Featmorgan_FP	0.7408	0.2592	0.7385	0.4759	0.7634
cas_N6512_RDkit_FP	0.7500	0.2500	0.7486	0.4972	0.7512
cas_N6512_rdkit_LAYERED	0.7769	0.2231	0.7762	0.5522	0.7064
cas_N6512_RDkit_Layered_FP	0.7653	0.2347	0.7633	0.5258	0.7246
cas_N6512_rdkit_MACCS	0.7692	0.2308	0.7671	0.5322	0.7152
cas_N6512_RDkit_MACCS_FP	0.7781	0.2219	0.7766	0.5533	0.7053
cas_N6512_rdkit_MORGAN	0.7723	0.2277	0.7704	0.5402	0.7135
cas_N6512_RDkit_morgan_FP	0.7653	0.2347	0.7644	0.5287	0.7262
cas_N6512_rdkit_PATTERN	0.7769	0.2231	0.7763	0.5524	0.7061
cas_N6512_RDkit_pattern_FP	0.7776	0.2224	0.7762	0.5525	0.7060
cas_N6512_rdkit_RDKITFP	0.7604	0.2396	0.7591	0.5182	0.7347
cas_N6512_rdkit_TORSION	0.6984	0.3016	0.6962	0.3924	0.8244
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8342	0.1658	0.8196	0.6391	0.6170
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.9040	0.7882	0.4644
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9384	0.0308	0.9136	0.9080	0.1394
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chrom1910%	0.9992	0.0008	0.7839	0.5621	0.4216
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn	0.8480	0.1520	0.7383	0.4544	0.6198
churn-bigml	0.9551	0.0449	0.9058	0.8076	0.3017
ci900367j_MACCS	0.7368	0.2632	0.7164	0.4317	0.7823
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8370	0.0815	0.7017	0.7461	0.3335
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5646	0.2902	0.5364	0.3156	0.6903
cnae-9	0.9537	0.0103	0.9548	0.9479	0.0517
codon_usage	0.9079	0.0167	0.7577	0.8882	0.1926
coil20	0.9514	0.0049	0.9546	0.9488	0.0318
college	0.9091	0.0909	0.8873	0.7742	0.4595
collins	0.9800	0.0027	0.9875	0.9780	0.0119
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5172	0.4828	0.4383	-0.1215	0.9927
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.6897	0.3103	0.4082	-0.1810	0.8560
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.7586	0.2414	0.6866	0.3715	0.7765
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
cottonmeloidogyne	0.7861	0.2139	0.7864	0.5723	0.6883
coupon	0.7129	0.2871	0.7041	0.4051	0.8033
covtypeCD	0.9836	0.0164	0.9647	0.9291	0.1548
covtypeT	0.9816	0.0184	0.9282	0.8564	0.2851
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9171	0.0277	0.8028	0.8304	0.2873
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.5625	0.0273	0.5051	0.5484	0.0801
customer-churn	0.9836	0.0164	0.7560	0.4861	0.4093
cybersecurity	0.1633	0.2789	0.1655	-0.0085	0.8634
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.8519	0.1481	0.8485	0.6971	0.5615
darwin	0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8290	0.1710	0.7204	0.4122	0.6410
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9018	0.0982	0.7286	0.4424	0.5910
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.2222	-0.1852	0.5710
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8125	0.1250	0.8136	0.7037	0.1451
DIA	0.8000	0.2000	0.7119	0.4146	0.7180
diabetes	0.9423	0.0577	0.9400	0.8793	0.3074
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5686	0.2876	0.3621	0.1164	0.4817
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7961	0.0816	0.7893	0.7110	0.3190
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.7500	0.2500	0.7536	0.5000	0.7318
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5602	0.4398	0.5562	0.1115	0.9596
drebin	0.9829	0.0171	0.9818	0.9637	0.1217
dropout	0.7675	0.1550	0.6831	0.6071	0.4474
drug-01	0.4202	0.1657	0.1813	0.0849	0.5162
drug-02	0.5106	0.1398	0.0966	-0.0066	0.3342
drug-03	0.6915	0.1028	0.1878	0.0738	0.3028
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4043	0.1702	0.2037	0.2387	0.5400
drug-07	0.4894	0.1702	0.1756	0.1325	0.3620
drug-08	0.5745	0.1216	0.2161	0.1669	0.4330
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.2673	0.1590	0.3549
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6330	0.1049	0.2633	0.2770	0.3634
drug-14	0.5851	0.1185	0.2854	0.2454	0.4123
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5904	0.1365	0.2995	0.3113	0.4418
drug-17	0.3670	0.1809	0.1710	0.1175	0.4992
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9258	0.0212	0.9372	0.9102	0.1213
ecoli	0.8824	0.0392	0.7359	0.8365	0.1282
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2823	0.0387	0.8363
eeg-eye	0.8718	0.1282	0.8703	0.7398	0.5056
eeg10%	0.4112	0.0736	0.4097	0.3502	0.6417
eucalyptus	0.6438	0.1425	0.6263	0.5404	0.3537
euthyroid	0.9620	0.0380	0.8855	0.7651	0.3200
exon.vs.intron-freq10%	0.9546	0.0454	0.9544	0.9089	0.2482
fakenews	0.4675	0.5325	0.4678	-0.0642	1.0000
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.7843	0.2157	0.7956	0.5487	0.5562
financial-risk	0.9150	0.0283	0.8763	0.8665	0.1805
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.7000	0.0857	0.5474	0.6226	0.2077
forest	0.9615	0.0192	0.9578	0.9470	0.0611
gas	0.9914	0.0029	0.9914	0.9895	0.0232
gastrointestinal	0.6250	0.2500	0.5984	0.4251	0.4946
gender	0.6000	0.2667	0.3792	0.1413	0.5118
gene	0.9117	0.0589	0.9028	0.8601	0.2386
german	0.7400	0.2600	0.6992	0.3516	0.6934
gestures	0.8459	0.0771	0.8472	0.7945	0.2968
gina	0.9481	0.0519	0.9481	0.8962	0.2731

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.7143	0.0952	0.7330	0.6135	0.3032
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.8571	0.1429	0.8538	0.7042	0.5490
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9167	0.0833	0.9164	0.8306	0.3822
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.6000	0.2000	0.6408	0.4479	0.3464
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.5793	0.1045	0.7293
hapt	0.9661	0.0056	0.8809	0.9600	0.0403
har	0.9786	0.0086	0.9773	0.9729	0.0556
har701%	0.9013	0.0282	0.5439	0.8540	0.1535
harth1%	0.8545	0.0242	0.5293	0.8011	0.2502
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.4706	0.5294	0.4411	-0.1168	1.0000
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8466	0.6932	0.5645
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.9760	0.0240	0.9721	0.9443	0.1689
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6873	0.3127	0.6856	0.3710	0.8379
higher	0.0000	0.2500	0.0000	-0.1462	0.4070
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9073	0.0927	0.8263	0.6483	0.5098
hiva	0.9622	0.0378	0.6178	0.1856	0.5048
horse	0.5556	0.2963	0.5301	0.2310	0.6659
hotel-reservartions	0.8886	0.1114	0.8721	0.7434	0.4841
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9946	0.0036	0.9948	0.9919	0.0237
htru2	0.9810	0.0190	0.9408	0.8793	0.1812
hypothyroid	0.9841	0.0080	0.6831	0.9011	0.1003
hypothyroidT	0.9973	0.0027	0.9906	0.9810	0.0136
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9720	0.0140	0.9724	0.9627	0.0592
ionosphere	0.9429	0.0571	0.9346	0.8606	0.1858
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9127	0.0067	0.9157	0.9092	0.0779
jm1	0.8118	0.1882	0.6110	0.1204	0.5746
jvowels	0.9759	0.0054	0.9734	0.9727	0.0408
kc1	0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.7692	0.0923	0.3733	0.3500	0.1770

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9968	0.0005	0.8743	0.9945	0.0153
kepler	0.8923	0.0718	0.8538	0.8221	0.2032
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7936	0.0229	0.7877	0.7696	0.3040
krvskp	0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.8235	0.0153	0.8396	0.8147	0.0542
led24	0.7000	0.0667	0.7217	0.6591	0.1656
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9225	0.0060	0.9223	0.9194	0.0888
leukemia	0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8611	0.0185	0.8830	0.8506	0.0619
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7059	0.2941	0.6357	0.2576	0.8279
loan	0.9906	0.0094	0.9900	0.9800	0.0680
localization10%	0.6511	0.0634	0.3913	0.5548	0.5645
lrs	0.8868	0.0323	0.6525	0.8427	0.0688
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.7448	0.5294	0.3647
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.8936	0.1064	0.8916	0.7825	0.4564
madelon	0.7538	0.2462	0.7540	0.5077	0.7433
magic04	0.8680	0.1320	0.8526	0.6989	0.5051
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.7917	0.2083	0.7906	0.5806	0.6792
marketing	0.8973	0.1027	0.7644	0.4806	0.4632
maternal	0.8317	0.1122	0.8353	0.7451	0.3738
math	0.8500	0.0750	0.8009	0.7661	0.2187
mba	0.8242	0.1172	0.3864	0.1229	0.3792
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.1867	0.3253	0.1876	-0.0171	0.8831
messidor	0.6870	0.3130	0.6790	0.3571	0.8404
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9750	0.0050	0.9756	0.9722	0.0290
mfeat-fou	0.8350	0.0330	0.8364	0.8167	0.1532
mfeat-kar	0.9600	0.0080	0.9611	0.9556	0.0502
mfeat-mor	0.7100	0.0580	0.7166	0.6778	0.1876
mfeat-pix	0.9700	0.0060	0.9702	0.9667	0.0377
mfeat-zer	0.8200	0.0360	0.8210	0.8000	0.1107
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
milk	0.9906	0.0063	0.9918	0.9855	0.0283
mines	0.7059	0.1176	0.6888	0.6300	0.2826
mobile	0.8147	0.0066	0.8208	0.8113	0.0873
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8525	0.1475	0.8350	0.6695	0.5756
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5050	0.0900	0.5170	0.4032	0.5299
musk	0.9758	0.0242	0.9533	0.9065	0.2241
MUT_ci300400a_cdk_ECFP2	0.8177	0.1823	0.8118	0.6234	0.6353
MUT_ci300400a_cdk_ECFP4	0.8000	0.2000	0.7947	0.5894	0.6707
MUT_ci300400a_cdk_ECFP6	0.7689	0.2311	0.7607	0.5205	0.7242
MUT_ci300400a_cdk_ESTATE	0.7590	0.2410	0.7497	0.4977	0.7388
MUT_ci300400a_cdk_EXTENDED	0.8201	0.1799	0.8148	0.6296	0.6314
MUT_ci300400a_cdk_FCFP2	0.8299	0.1701	0.8241	0.6476	0.6085
MUT_ci300400a_cdk_FCFP4	0.7938	0.2062	0.7865	0.5721	0.6801
MUT_ci300400a_cdk_FCFP6	0.7998	0.2002	0.7940	0.5881	0.6712
MUT_ci300400a_cdk_MACCS	0.8177	0.1823	0.8122	0.6243	0.6361
MUT_ci300400a_cdk_PUBCHEM	0.8599	0.1401	0.8554	0.7105	0.5419
MUT_ci300400a_cdk_STANDARD	0.8192	0.1808	0.8129	0.6251	0.6310
MUT_ci300400a_rdkit_descriptors	0.8170	0.1830	0.8123	0.6245	0.6356
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9746	0.0254	0.9746	0.9491	0.1600
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.1111	0.6222	0.6000	0.1039
ncRNA1%	0.9033	0.0102	0.4231	0.7258	0.3937
neo	0.9142	0.0858	0.6882	0.2720	0.4263
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
newspop	0.6604	0.3396	0.6577	0.3141	0.8677
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5139	0.3241	0.2263	-0.0223	0.4554
nursery	0.9969	0.0015	0.9976	0.9955	0.0104
obesity	0.8910	0.0311	0.8900	0.8727	0.1355
obs	0.9815	0.0093	0.9867	0.9725	0.0473
occupancy	0.9932	0.0068	0.9905	0.9809	0.0810
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc	0.8614	0.0277	0.8719	0.8415	0.1469
oh10-wc	0.7143	0.0571	0.6926	0.6758	0.2758
oh15-wc	0.8478	0.0304	0.8554	0.8262	0.1486
oh5-wc	0.7253	0.0549	0.7226	0.6897	0.2538
olive	0.9298	0.0156	0.9064	0.9124	0.0439
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
optdigits	0.9537	0.0093	0.9554	0.9486	0.0680
optdigitsZ	0.9964	0.0036	0.9890	0.9780	0.0762
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6520	0.1647	0.3724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8145	0.6279	0.6275
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8413	0.1587	0.8431	0.6832	0.5704
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.8923	0.8755	0.2773
parkinson	0.9917	0.0083	0.9914	0.9827	0.0501
parkinsons	0.9100	0.0900	0.9038	0.8054	0.3945

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.9123	0.0877	0.8931	0.7857	0.4453
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.5928	0.4072	0.6229	0.0286	0.5048
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8816	0.1184	0.8355	0.6667	0.5236
pediatric-leukemia	0.7941	0.0588	0.7617	0.7446	0.1616
pendigits	0.9836	0.0033	0.9837	0.9818	0.0288
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.3333	0.6667	0.3415	-0.2857	0.9644
persistency	0.8222	0.1778	0.8073	0.6109	0.6231
pet-adoption	0.9450	0.0550	0.9376	0.8722	0.2569
phishing	0.9469	0.0531	0.9448	0.8893	0.2887
phone-acc0.1%	0.8660	0.0383	0.8575	0.8434	0.1523
phone-gyr0.1%	0.9045	0.0273	0.8964	0.8884	0.1220
phoneme	0.8963	0.1037	0.8787	0.7543	0.4901
pima	0.7105	0.2895	0.6923	0.3323	0.7052
pirvision	0.9954	0.0030	0.9920	0.9855	0.0290
placement	0.7970	0.2030	0.7916	0.5832	0.6759
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5385	0.1318	0.1569	0.1239	0.3132
polish-1st	0.9644	0.0356	0.6738	0.1855	0.2618
polish-2nd	0.9685	0.0315	0.7378	0.3951	0.3209
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9622	0.0378	0.7730	0.4772	0.2936
polish-5th	0.9475	0.0525	0.7727	0.5362	0.5065
polya	0.7849	0.2151	0.7588	0.5106	0.6962
popularity	0.3135	0.4577	0.1591	0.0000	0.3128
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6324	0.3676	0.6324	0.2647	0.8981
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.4242	0.0886	0.3094	0.3503	0.2909
profb	0.7164	0.2836	0.6823	0.3645	0.8165
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9710	0.0116	0.9513	0.9612	0.0825
pufs-641%	0.5008	0.4992	0.5008	0.0017	0.9995
pulsar	0.9848	0.0152	0.9534	0.9042	0.1148
raisin	0.9222	0.0778	0.9232	0.8444	0.3519
re0-wc	0.8467	0.0236	0.8522	0.8025	0.2168
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9857	0.0143	0.9856	0.9711	0.0974
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6255	0.3745	0.6071	0.2134	0.9109
satimage	0.8818	0.0394	0.8619	0.8541	0.1895
satimageF	0.9876	0.0124	0.9684	0.9367	0.1925
satimageT	0.9222	0.0778	0.7585	0.5045	0.5429
scadi	0.5714	0.1714	0.4978	0.4474	0.2143
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5588	0.4412	0.5648	0.1176	0.9174
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9307	0.0198	0.9365	0.9190	0.0900
segmentation	0.8317	0.1683	0.8178	0.6354	0.6211
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sensorless	0.9882	0.0021	0.9882	0.9870	0.0224
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8994	0.1006	0.7962	0.5895	0.5645
shuttle	0.9998	0.0000	0.9958	0.9995	0.0003
sick	0.9814	0.0186	0.9216	0.8412	0.2443
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9993	0.0007	0.9990	0.9980	0.0118
skin10%	0.9992	0.0008	0.9988	0.9975	0.0129
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1517	-0.1218	0.8633
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
smoking	0.7910	0.2090	0.7750	0.5500	0.6975
soil_pollution	0.2300	0.3080	0.2314	0.0354	0.8467
solar-flare	0.7626	0.0791	0.6918	0.6941	0.1853
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9560	0.0440	0.8671	0.7340	0.4392
spambase	0.9348	0.0652	0.9317	0.8621	0.3111
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.7714	0.2286	0.7200	0.4400	0.7559
spectrometer	0.6731	0.0242	0.5170	0.6540	0.0965
splice-EI	0.9590	0.0410	0.9471	0.8935	0.2875
splice-IE	0.9306	0.0694	0.9031	0.8061	0.3945
sport-articles	0.8000	0.2000	0.7802	0.5510	0.6550
squash-stored	0.6000	0.2667	0.6667	0.4118	0.3599
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9061	0.0626	0.8819	0.8472	0.2249
steel-b	0.8359	0.1641	0.7363	0.4678	0.6776
steel-d	0.9692	0.0308	0.6983	0.3849	0.5335
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8000	0.2000	0.7777	0.5551	0.6857
steel-p	0.9487	0.0513	0.8059	0.5895	0.4057
steel-s	0.9795	0.0205	0.8697	0.7393	0.4154
steel-z	0.9949	0.0051	0.9853	0.9701	0.0240
stellar	0.9753	0.0165	0.9716	0.9561	0.0966
stock	0.9028	0.0972	0.8238	0.6390	0.4964
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6450	0.1420	0.3574	0.4110	0.3997
student-habits	0.3900	0.2440	0.1804	0.0252	0.4627
student-weekend	0.4000	0.2400	0.3849	0.1164	0.5561

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.3692	0.1415	0.6113
susy1%	0.7988	0.2012	0.7974	0.5907	0.6553
tae	0.5333	0.3111	0.5333	0.3000	0.6418
telco-churn	0.9006	0.0994	0.8703	0.7398	0.4749
texture	0.9945	0.0010	0.9949	0.9940	0.0080
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.8582	0.1418	0.7981	0.5887	0.5846
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5455	0.6364	0.0863
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7684	0.5211	0.6923
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7467	0.2533	0.6193	0.2326	0.8185
trec11-wc	0.9024	0.0217	0.8099	0.8781	0.0690
trec12-wc	0.9355	0.0161	0.9493	0.9230	0.0601
trec21-wc	0.9091	0.0364	0.7107	0.8183	0.2525
trec23-wc	0.9048	0.0317	0.9244	0.8735	0.0717
trec31-wc	0.9892	0.0036	0.9941	0.9857	0.0222
trec41-wc	0.9432	0.0114	0.8342	0.9302	0.0661
trec45-wc	0.9420	0.0116	0.8571	0.9323	0.0461
tuandromd	0.9886	0.0114	0.9817	0.9627	0.0502
turkish	0.7750	0.1125	0.7879	0.7000	0.2458
tvnews1%	0.9154	0.0846	0.9086	0.8143	0.3706
tvnews10%	0.8913	0.1087	0.8829	0.7657	0.4719
ur3_cobotops_grip	0.9741	0.0259	0.7430	0.4138	0.3208
ur3_cobotops_stop	0.9741	0.0259	0.7902	0.5650	0.4177
urban	0.7761	0.0498	0.7927	0.7382	0.1888
urinalysis	0.9510	0.0490	0.7274	0.4373	0.5211
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.8095	0.0952	0.7903	0.7440	0.2262
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.3333	0.1212	0.3692	0.2667	0.4027
vowelZ	0.9697	0.0303	0.9044	0.8070	0.3123
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.9231	0.0154	0.8830	0.9128	0.0257
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9822	0.0051	0.9818	0.9792	0.0367
watch-gyr1%	0.9841	0.0045	0.9839	0.9814	0.0359
water_pollution	0.2000	0.4000	0.2001	-0.0679	0.8950
waveform	0.8520	0.0987	0.8521	0.7780	0.3483
weather-related	0.9615	0.0070	0.9617	0.9564	0.0576
web-phishing	0.8519	0.0988	0.7951	0.7388	0.4127
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9876	0.0124	0.9371	0.8735	0.3108
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5912	0.1363	0.2711	0.3313	0.4054
winequality-white	0.5583	0.1472	0.4408	0.3532	0.7019
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yale	0.7500	0.0333	0.7667	0.7322	0.0678
yeast	0.5338	0.1036	0.3291	0.4020	0.4361
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9280	0.0144	0.9218	0.9193	0.1087

Table 499: Detailed results for RerF^{CV} Noise 1%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1679	0.0724	0.1084	0.0764	0.4721
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accelerometer	0.9844	0.0156	0.7171	0.2157	0.0551
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.9756	0.0244	0.9480	0.8930	0.1527
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.4474	-0.0184	0.5483
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9126	0.0874	0.4772	-0.0311	0.6533
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.6098	0.2105	0.8520
AID644red	0.6500	0.3500	0.5157	0.0278	0.9068
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8685	0.1315	0.8100	0.5905	0.4781
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8190	0.0724	0.5488	0.5227	0.1587
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9023	0.0977	0.8953	0.7735	0.3152
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9819	0.0090	0.9462	0.9654	0.0449
anuran-genus	0.9889	0.0028	0.9714	0.9817	0.0208
anuran-species	0.9875	0.0025	0.9801	0.9826	0.0193
anxiety	0.1333	0.1926	0.0917	0.0152	0.6006
apple-quality	0.8925	0.1075	0.8933	0.7850	0.4450
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.7333	0.0533	0.5000	0.5242	0.2242
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.8182	0.0331	0.7155	0.7864	0.0775
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9064	0.8667	0.0861
avila	0.9674	0.0054	0.9636	0.9573	0.0383
babies	0.4677	0.1521	0.1525	0.1500	0.3669
balance	0.9194	0.0538	0.6337	0.8483	0.1304
bank	0.9136	0.0864	0.7544	0.4933	0.5488
banknote	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8868	0.7578	0.3593
basehock	0.9749	0.0251	0.9749	0.9497	0.1579
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8952	0.1048	0.8885	0.7768	0.4558
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7216	0.1392	0.7212	0.6289	0.4182
brain-tumor	0.5050	0.4950	0.5049	0.0098	0.9965
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9598	0.0201	0.9436	0.9160	0.1671
car-insurance	0.8390	0.1610	0.8108	0.6214	0.6188
card	0.8986	0.1014	0.8960	0.7888	0.4180
cardiotocography	0.8732	0.0254	0.8608	0.8473	0.1361
cardiotocography-nsp	0.9296	0.0469	0.8648	0.7926	0.2251
cardiovascular	0.7369	0.2631	0.7378	0.4738	0.7648
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6507	0.5439	0.4888
cas_N6512_cdk_ECFP2	0.7727	0.2273	0.7725	0.5443	0.7122
cas_N6512_rdkit_ATOMPAIR	0.7815	0.2185	0.7800	0.5598	0.6990
cas_N6512_RDkit_AtomPair_FP	0.7730	0.2270	0.7714	0.5427	0.7138
cas_N6512_rdkit_AVALON	0.8126	0.1874	0.8127	0.6245	0.6385
cas_N6512_RDkit_Avalon_FP	0.8236	0.1764	0.8269	0.6486	0.6020
cas_N6512_rdkit_descriptors	0.7969	0.2031	0.7967	0.5928	0.6697
cas_N6512_rdkit_FEATMORGAN	0.7880	0.2120	0.7867	0.5734	0.6878
cas_N6512_RDkit_Featmorgan_FP	0.7929	0.2071	0.7923	0.5843	0.6780
cas_N6512_RDkit_FP	0.7899	0.2101	0.7887	0.5774	0.6844
cas_N6512_rdkit_LAYERED	0.7985	0.2015	0.8010	0.5981	0.6561
cas_N6512_RDkit_Layered_FP	0.7822	0.2178	0.7805	0.5606	0.6971
cas_N6512_rdkit_MACCS	0.8046	0.1954	0.8030	0.6058	0.6564
cas_N6512_RDkit_MACCS_FP	0.8166	0.1834	0.8168	0.6326	0.6302
cas_N6512_rdkit_MORGAN	0.8277	0.1723	0.8265	0.6530	0.6106
cas_N6512_RDkit_morgan_FP	0.8267	0.1733	0.8256	0.6511	0.6128
cas_N6512_rdkit_PATTERN	0.7954	0.2046	0.7965	0.5910	0.6677
cas_N6512_RDkit_pattern_FP	0.7837	0.2163	0.7843	0.5673	0.6907
cas_N6512_rdkit_RDKITFP	0.7988	0.2012	0.7982	0.5961	0.6672
cas_N6512_rdkit_TORSION	0.7781	0.2219	0.7774	0.5544	0.7043
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.8022	0.6020	0.6520
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9557	0.0443	0.7003	0.1598	0.1242
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.6408	0.2229	0.5285
cervical-C	0.9302	0.0698	0.4819	-0.0198	0.5830
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9300	0.0350	0.8421	0.8949	0.1196
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%	0.9995	0.0005	0.8653	0.7270	0.3167
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn	0.8540	0.1460	0.7479	0.4669	0.5855
churn-bigml	0.9401	0.0599	0.8714	0.7178	0.2524
ci900367j_MACCS	0.6947	0.3053	0.6653	0.3259	0.8363
circles	0.9980	0.0000	0.9982	0.9980	0.0008
cirrhosis	0.7143	0.1905	0.4756	0.4140	0.4198
cjs	0.9929	0.0024	0.9920	0.9913	0.0173
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8167	0.0917	0.5781	0.7066	0.3108
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7013	0.4286	0.3779
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5374	0.3084	0.5146	0.2677	0.6971
cnae-9	0.9259	0.0165	0.9309	0.9167	0.0782
codon_usage	0.9117	0.0160	0.7544	0.8920	0.1058
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.8400	0.0213	0.7576	0.8227	0.0755
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.8276	0.1724	0.8165	0.5672	0.3610
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.7241	0.2759	0.7111	0.4021	0.7527
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9032	0.0968	0.8874	0.7726	0.4294
column-3c	0.8387	0.1075	0.7853	0.7359	0.2503
cottonmeloidogyne	0.7668	0.2332	0.7675	0.5339	0.7199
coupon	0.7721	0.2279	0.7659	0.5263	0.7045
covtypeCD	0.9876	0.0124	0.9733	0.9459	0.0973
covtypeT	0.9813	0.0187	0.9245	0.8461	0.2196
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9429	0.0190	0.8432	0.8790	0.1014
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5938	0.0254	0.5106	0.5806	0.0734
customer-churn	0.9834	0.0166	0.7471	0.4570	0.3872
cybersecurity	0.1733	0.2756	0.1498	-0.0034	0.6041
cyclopentane	0.6667	0.3333	0.6613	0.2957	0.8063
cylinder-bands	0.8148	0.1852	0.8101	0.6126	0.6153
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8257	0.1743	0.7131	0.3938	0.6429
defect	0.9383	0.0617	0.8787	0.7336	0.2399
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9042	0.0958	0.7285	0.4317	0.5608
depressed	0.8392	0.1608	0.6649	0.0675	0.3088
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4099	0.2000	0.4997
dexter	0.9333	0.0667	0.9343	0.8667	0.3124
df_final	0.7500	0.1667	0.7551	0.6049	0.2615
DIA	0.8500	0.1500	0.7938	0.5000	0.3145
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-risk	0.9201	0.0799	0.8736	0.7438	0.4243
diabetic1%	0.5588	0.2941	0.3424	0.0996	0.4785
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
diamonds_all	0.7731	0.0908	0.7660	0.6774	0.3151
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.6250	0.3750	0.5966	0.1692	0.8621
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698
dota210%	0.5718	0.4282	0.5695	0.1165	0.8810
drebin	0.9897	0.0103	0.9891	0.9781	0.0709
dropout	0.7675	0.1550	0.6810	0.6057	0.4376
drug-01	0.3883	0.1748	0.1166	0.0110	0.4402
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.7021	0.0993	0.2348	0.0800	0.2532
drug-04	0.5213	0.1368	0.2094	0.1017	0.5757
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.1716	0.2652	0.3687
drug-07	0.4255	0.1915	0.1682	0.0481	0.4752
drug-08	0.5638	0.1246	0.1817	0.0805	0.3217
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5638	0.1246	0.1613	0.1658	0.3996
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1764	0.2336	0.3327
drug-14	0.5957	0.1155	0.2511	0.2467	0.4120
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6011	0.1330	0.3220	0.3091	0.3613
drug-17	0.3989	0.1717	0.1436	0.1512	0.4135
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9199	0.0229	0.9337	0.9032	0.1293
ecoli	0.8235	0.0588	0.6893	0.7521	0.1465
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2788	0.0394	0.8160
eeg-eye	0.9359	0.0641	0.9355	0.8698	0.3054
eeg10%	0.4518	0.0685	0.4088	0.3888	0.5228
eucalyptus	0.6712	0.1315	0.6413	0.5705	0.3450
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
exon.vs.intron-freq10%	0.9554	0.0446	0.9561	0.9102	0.2185
fakenews	0.5325	0.4675	0.5322	0.0640	0.9789
farm-ads	0.9058	0.0942	0.9069	0.8094	0.3875
fbis-wc	0.8130	0.0220	0.7400	0.7849	0.1118
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8235	0.1765	0.8250	0.6366	0.5710
financial-risk	0.8250	0.0583	0.5226	0.7084	0.1942
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.7500	0.0714	0.4640	0.6764	0.1568
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.9957	0.0014	0.9956	0.9948	0.0114
gastrointestinal	0.7500	0.1667	0.7526	0.5844	0.3057
gender	0.6105	0.2596	0.4740	0.1365	0.5067
gene	0.9243	0.0505	0.9147	0.8787	0.2124
german	0.7200	0.2800	0.6799	0.2689	0.6300
gestures	0.9238	0.0381	0.9241	0.8984	0.1690
gina	0.9510	0.0490	0.9512	0.9020	0.2593
gisette	0.9671	0.0329	0.9672	0.9343	0.1935

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glass	0.8571	0.0476	0.7902	0.8025	0.1487
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.5353	0.2683	0.5370
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
hapt	0.9616	0.0064	0.8560	0.9546	0.0423
har	0.9959	0.0016	0.9954	0.9948	0.0110
har701%	0.9270	0.0209	0.5443	0.8912	0.1198
harth1%	0.8773	0.0205	0.6154	0.8321	0.1573
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.5294	0.4706	0.4923	-0.0149	0.9858
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9840	0.0160	0.9815	0.9623	0.0742
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6855	0.3145	0.6834	0.3659	0.8390
higher	0.2857	0.1786	0.1741	0.1083	0.2934
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8904	0.1096	0.7819	0.5195	0.4532
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6944	0.2037	0.6559	0.4253	0.4111
hotel-reservartions	0.9110	0.0890	0.8975	0.7932	0.4046
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9985	0.0010	0.9985	0.9977	0.0086
htru2	0.9788	0.0212	0.9340	0.8666	0.2273
hypothyroid	0.9920	0.0040	0.7384	0.9532	0.0786
hypothyroidT	0.9973	0.0027	0.9906	0.9810	0.0136
ilpd	0.7458	0.2542	0.6653	0.3208	0.7916
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9760	0.0120	0.9765	0.9680	0.0505
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9101	0.0069	0.9137	0.9065	0.0764
jm1	0.8283	0.1717	0.6696	0.2808	0.6257
jvowels	0.9880	0.0027	0.9864	0.9863	0.0195
kc1	0.8815	0.1185	0.7476	0.3506	0.2579
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.7556	0.0698	0.7674	0.7146	0.3292
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup991%	0.9988	0.0002	0.8331	0.9979	0.0013
kepler	0.8902	0.0732	0.8508	0.8187	0.2050
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7697	0.0256	0.7676	0.7418	0.2506
krvskp	0.9875	0.0125	0.9875	0.9749	0.0906
la1s-wc	0.8540	0.0487	0.8336	0.8132	0.1842
la2s-wc	0.8940	0.0353	0.8803	0.8649	0.1450
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0205	0.7611	0.7525	0.0546
led24	0.6500	0.0778	0.6865	0.6000	0.1979
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9670	0.0025	0.9669	0.9657	0.0393
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.9722	0.0037	0.9805	0.9701	0.0139
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.8529	0.1471	0.8366	0.6718	0.5829
loan	0.9883	0.0117	0.9875	0.9750	0.0789
localization10%	0.6705	0.0599	0.4168	0.5665	0.3279
lrs	0.8491	0.0431	0.6316	0.7915	0.1262
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.6154	0.3846	0.6154	0.2308	0.9147
magic04	0.8790	0.1210	0.8652	0.7275	0.4905
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8543	0.7080	0.5499
marketing	0.8884	0.1116	0.7386	0.4169	0.4831
maternal	0.8515	0.0990	0.8540	0.7740	0.3393
math	0.8250	0.0875	0.7611	0.7169	0.1941
mba	0.8355	0.1097	0.3035	-0.0060	0.2309
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1833	0.3267	0.1653	-0.0304	0.6546
messidor	0.6696	0.3304	0.6638	0.3277	0.8607
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.9800	0.0040	0.9802	0.9778	0.0253
mfeat-fou	0.8000	0.0400	0.7990	0.7778	0.1656
mfeat-kar	0.9700	0.0060	0.9708	0.9667	0.0380
mfeat-mor	0.7050	0.0590	0.7057	0.6722	0.1912
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.7900	0.0420	0.7901	0.7667	0.1269
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mines	0.5588	0.1765	0.5353	0.4475	0.4203
mobile	0.9615	0.0014	0.9656	0.9608	0.0174
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8852	0.1148	0.8770	0.7240	0.2925
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5028	0.0904	0.5602	0.3845	0.4752
musk	0.9561	0.0439	0.9125	0.8115	0.1733
MUT_ci300400a_cdk_ECFP2	0.8297	0.1703	0.8242	0.6482	0.6103
MUT_ci300400a_cdk_ECFP4	0.8443	0.1557	0.8406	0.6811	0.5799
MUT_ci300400a_cdk_ECFP6	0.8120	0.1880	0.8052	0.6080	0.6400
MUT_ci300400a_cdk_ESTATE	0.7794	0.2206	0.7710	0.5403	0.7039
MUT_ci300400a_cdk_EXTENDED	0.8585	0.1415	0.8547	0.7093	0.5473
MUT_ci300400a_cdk_FCFP2	0.8263	0.1737	0.8213	0.6426	0.6188
MUT_ci300400a_cdk_FCFP4	0.8165	0.1835	0.8113	0.6226	0.6388
MUT_ci300400a_cdk_FCFP6	0.8333	0.1667	0.8278	0.6552	0.6019
MUT_ci300400a_cdk_MACCS	0.8489	0.1511	0.8449	0.6898	0.5697
MUT_ci300400a_cdk_PUBCHEM	0.8790	0.1210	0.8756	0.7513	0.4961
MUT_ci300400a_cdk_STANDARD	0.8515	0.1485	0.8466	0.6928	0.5611
MUT_ci300400a_rdkit_descriptors	0.8571	0.1429	0.8536	0.7070	0.5479
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9742	0.0258	0.9742	0.9485	0.1618
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.9201	0.0084	0.5697	0.7758	0.3519
neo	0.9185	0.0815	0.7238	0.4183	0.5388
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
new3s-wc	0.8613	0.0063	0.8631	0.8566	0.0911
newspop	0.6710	0.3290	0.6687	0.3367	0.8567
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5417	0.3056	0.4151	0.0361	0.3592
nursery	0.9830	0.0085	0.9619	0.9751	0.0372
obesity	0.9479	0.0149	0.9512	0.9391	0.0622
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9947	0.0053	0.9925	0.9850	0.0700
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc	0.9109	0.0178	0.9186	0.8976	0.0859
oh10-wc	0.8000	0.0400	0.8074	0.7712	0.1734
oh15-wc	0.8913	0.0217	0.8992	0.8759	0.1015
oh5-wc	0.8352	0.0330	0.8499	0.8128	0.1490
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%	0.9256	0.0744	0.7134	0.3596	0.4550
optdigits	0.9680	0.0064	0.9695	0.9644	0.0466
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9368	0.0632	0.7246	0.2575	0.1626
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8247	0.1753	0.7996	0.5947	0.6265
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8996	0.7943	0.4192
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9854	0.0059	0.9407	0.9177	0.1355
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8389	0.1611	0.8264	0.6492	0.5850
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
particle10%	0.9177	0.0823	0.8970	0.7936	0.4148
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8939	0.7647	0.2161
pediatric-leukemia	0.7647	0.0672	0.6953	0.7059	0.1913
pendigits	0.9927	0.0015	0.9926	0.9919	0.0136
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8192	0.1808	0.8042	0.6051	0.6309
pet-adoption	0.9400	0.0600	0.9325	0.8589	0.2412
phishing	0.9673	0.0327	0.9658	0.9310	0.1820
phone-acc0.1%	0.8606	0.0398	0.8526	0.8369	0.1357
phone-gyr0.1%	0.8801	0.0343	0.8733	0.8597	0.1501
phoneme	0.9296	0.0704	0.9125	0.8246	0.3707
pima	0.6842	0.3158	0.6560	0.2808	0.7925
pirvision	0.9967	0.0022	0.9925	0.9896	0.0097
placement	0.7920	0.2080	0.7850	0.5691	0.6827
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9541	0.0459	0.7058	0.3303	0.3921
polish-5th	0.9492	0.0508	0.7625	0.4608	0.3502
polya	0.7773	0.2227	0.7488	0.4807	0.6864
popularity	0.6772	0.2152	0.5412	0.2392	0.4497
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7062	0.4118	0.8115
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.5152	0.0746	0.4138	0.4506	0.2109
profb	0.7164	0.2836	0.6476	0.2214	0.6914
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio10%	0.9928	0.0029	0.9851	0.9903	0.0195
pufs-641%	0.5183	0.4817	0.5184	0.0367	0.9887
pulsar	0.9840	0.0160	0.9510	0.9004	0.1552
raisin	0.8889	0.1111	0.8904	0.7778	0.4479
re0-wc	0.8400	0.0246	0.7605	0.7837	0.1278
re1-wc	0.7892	0.0169	0.5302	0.7544	0.1201
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8747	0.0052	0.4694	0.8237	0.0805
rice	0.9874	0.0126	0.9872	0.9744	0.0904
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.7199	0.2801	0.7130	0.4255	0.7972
satimage	0.9067	0.0311	0.8923	0.8845	0.1416
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9409	0.0591	0.8152	0.5839	0.3038
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6397	0.2353	0.7947
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9697	0.0087	0.9738	0.9646	0.0384

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
segmentation	0.8465	0.1535	0.8314	0.6624	0.5863
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9380	0.0620	0.6847	0.1046	0.1594
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-3-gram	0.8789	0.1211	0.6856	0.1312	0.2567
sens-4-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-5-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-6-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sensorless	0.9997	0.0001	0.9997	0.9996	0.0008
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8994	0.1006	0.7852	0.5526	0.5199
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9761	0.0239	0.8960	0.7685	0.0796
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9996	0.0004	0.9994	0.9989	0.0090
skin10%	0.9988	0.0012	0.9981	0.9963	0.0207
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1800	0.4100	0.1404	-0.1069	0.7124
smk_can_187	0.6316	0.3684	0.6292	0.2570	0.8973
smoking	0.8377	0.1623	0.8268	0.6534	0.6051
soil_pollution	0.1933	0.3227	0.1801	-0.0158	0.6640
solar-flare	0.7698	0.0767	0.6208	0.7037	0.1754
sonar	0.8000	0.2000	0.8276	0.6000	0.4308
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9555	0.0445	0.8659	0.7317	0.4433
spambase	0.9522	0.0478	0.9500	0.8990	0.2451
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer	0.6538	0.0256	0.5764	0.6324	0.1181
splice-EI	0.9653	0.0347	0.9538	0.9077	0.2366
splice-IE	0.9306	0.0694	0.9010	0.7986	0.3550
sport-articles	0.8400	0.1600	0.8306	0.6606	0.5986
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9107	0.0596	0.8882	0.8547	0.2181
steel-b	0.8564	0.1436	0.7621	0.5057	0.5945
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.8205	0.1795	0.7973	0.5894	0.6306
steel-p	0.9385	0.0615	0.7560	0.4711	0.4407
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9744	0.0256	0.9256	0.8507	0.2860
stellar	0.9757	0.0162	0.9722	0.9568	0.0946
stock	0.9167	0.0833	0.8487	0.6800	0.3916
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9940	0.0060	0.9939	0.9879	0.0513
stress	0.9841	0.0063	0.9852	0.9802	0.0242
student-lifestyle	0.6400	0.1440	0.3785	0.3873	0.3210
student-habits	0.3400	0.2640	0.2442	-0.0468	0.4776
student-weekend	0.4000	0.2400	0.2378	0.1099	0.5551
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.5642	0.2642	0.3339
susy1%	0.7982	0.2018	0.7974	0.5887	0.6506
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8963	0.1037	0.8627	0.7214	0.4672

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
texture	0.9891	0.0020	0.9898	0.9880	0.0174
theorem	0.9935	0.0065	0.9933	0.9866	0.0568
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis10%	0.8284	0.1716	0.7584	0.3959	0.3363
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.7200	0.2800	0.5779	0.1519	0.8533
trec11-wc	0.9024	0.0217	0.7522	0.8787	0.0388
trec12-wc	0.9677	0.0081	0.9812	0.9612	0.0265
trec21-wc	0.9091	0.0364	0.5631	0.7862	0.0903
trec23-wc	0.8571	0.0476	0.6291	0.7872	0.1109
trec31-wc	0.9785	0.0072	0.9758	0.9713	0.0260
trec41-wc	0.8864	0.0227	0.6594	0.8596	0.0895
trec45-wc	0.9130	0.0174	0.8275	0.8977	0.0646
tuandromd	0.9954	0.0046	0.9927	0.9853	0.0239
turkish	0.8000	0.1000	0.8008	0.7333	0.2036
tvnews1%	0.9462	0.0538	0.9425	0.8818	0.2425
tvnews10%	0.9067	0.0933	0.8992	0.7981	0.4233
ur3_cobotops_grip	0.9755	0.0245	0.7655	0.3921	0.0790
ur3_cobotops_stop	0.9687	0.0313	0.7223	0.3966	0.4197
urban	0.8358	0.0365	0.8502	0.8077	0.1375
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7619	0.1190	0.7200	0.6785	0.1885
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5859	0.0753	0.6345	0.5444	0.2220
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7756	0.0224	0.5624	0.7461	0.1310
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9319	0.0194	0.9307	0.9204	0.0864
watch-gyr1%	0.9214	0.0225	0.9188	0.9082	0.0929
water_pollution	0.2200	0.3900	0.2188	-0.0406	0.8812
waveform	0.8480	0.1013	0.8488	0.7720	0.3522
weather-related	0.9788	0.0038	0.9806	0.9760	0.0265
web-phishing	0.8519	0.0988	0.8013	0.7368	0.4118
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9814	0.0186	0.8962	0.7903	0.3078
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.7233	0.0922	0.3643	0.5470	0.2921
winequality-white	0.6933	0.1022	0.4850	0.5229	0.3604
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7496	0.7322	0.0603
yeast	0.5811	0.0931	0.4470	0.4581	0.3362
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
yeastME2	0.9662	0.0338	0.7773	0.4325	0.1018
zip	0.9441	0.0112	0.9396	0.9373	0.0898

Table 500: Detailed results for RF(SK)^{CV} Noise 1%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1127	0.0772	0.1133	0.0608	0.6655
abalone19	0.9904	0.0096	0.4976	-0.0036	0.5293
abalone9-18	0.9041	0.0959	0.6680	0.3159	0.6071
accelerometer	0.9797	0.0203	0.7315	0.4612	0.5562
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9787	0.0213	0.9547	0.9073	0.1433
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.8000	0.2000	0.5761	0.1288	0.7579
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.6516	0.3032	0.7325
AID1284red	0.8889	0.1111	0.7677	0.5355	0.6242
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9860	0.0140	0.6532	0.2447	0.4187
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red	0.6000	0.4000	0.5238	0.0476	0.9294
AID687AID721red	0.9988	0.0012	0.4997	-0.0006	0.5035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
aids	0.8826	0.1174	0.8443	0.6881	0.5514
air_pollution	0.3700	0.1800	0.1682	0.0162	0.7060
alcohol	0.8667	0.0533	0.7576	0.7010	0.2024
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9395	0.0605	0.9336	0.8649	0.2853
anneal	0.9663	0.0135	0.9674	0.9317	0.1118
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9777	0.0111	0.9435	0.9574	0.0540
anuran-genus	0.9819	0.0045	0.9446	0.9704	0.0934
anuran-species	0.9833	0.0033	0.9637	0.9768	0.0518
anxiety	0.0917	0.2019	0.0931	-0.0224	0.8377
apple-quality	0.8475	0.1525	0.8479	0.6950	0.5635
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.7778	0.0444	0.7168	0.6672	0.2762
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.8182	0.0331	0.6516	0.7885	0.0642
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8000	0.0800	0.8050	0.7428	0.1964
avila	0.9942	0.0010	0.9803	0.9925	0.0578
babies	0.3468	0.1866	0.1885	0.1111	0.7501
balance	0.8065	0.1290	0.5959	0.6682	0.3806
bank	0.8859	0.1141	0.7944	0.5594	0.5974
banknote	0.9781	0.0219	0.9784	0.9559	0.1291

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8986	0.1014	0.8895	0.7729	0.4080
basehock	0.9950	0.0050	0.9950	0.9899	0.0381
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.9143	0.0857	0.9097	0.8191	0.4034
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9832	0.0048	0.3496	0.1921	0.5611
body-perf	0.7269	0.1366	0.7275	0.6358	0.4151
brain-tumor	0.5060	0.4940	0.5061	0.0122	0.9958
breast-cancer	0.8571	0.1429	0.8250	0.6500	0.5911
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6222	0.7143	0.0623
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4190	0.3873	0.3028	-0.0609	0.7232
car	0.9425	0.0287	0.9195	0.8822	0.2314
car-insurance	0.8280	0.1720	0.8108	0.6174	0.6316
card	0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography	0.8873	0.0225	0.8965	0.8657	0.1501
cardiotocography-nsp	0.9202	0.0532	0.8677	0.7930	0.3655
cardiovascular	0.7387	0.2613	0.7397	0.4773	0.7613
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.6074	0.4937	0.5153
cas_N6512_cdk_ECFP2	0.7527	0.2473	0.7542	0.5060	0.7395
cas_N6512_rdkit_ATOMPAIR	0.7646	0.2354	0.7645	0.5283	0.7253
cas_N6512_RDkit_AtomPair_FP	0.7653	0.2347	0.7644	0.5287	0.7262
cas_N6512_rdkit_AVALON	0.8065	0.1935	0.8064	0.6120	0.6512
cas_N6512_RDkit_Avalon_FP	0.8190	0.1810	0.8203	0.6383	0.6210
cas_N6512_rdkit_descriptors	0.7862	0.2138	0.7872	0.5725	0.6847
cas_N6512_rdkit_FEATMORGAN	0.7373	0.2627	0.7365	0.4728	0.7693
cas_N6512_RDkit_Featmorgan_FP	0.7807	0.2193	0.7801	0.5599	0.6996
cas_N6512_RDkit_FP	0.7883	0.2117	0.7896	0.5770	0.6803
cas_N6512_rdkit_LAYERED	0.8092	0.1908	0.8116	0.6195	0.6357
cas_N6512_RDkit_Layered_FP	0.7730	0.2270	0.7717	0.5433	0.7139
cas_N6512_rdkit_MACCS	0.7862	0.2138	0.7843	0.5679	0.6895
cas_N6512_RDkit_MACCS_FP	0.7935	0.2065	0.7955	0.5878	0.6675
cas_N6512_rdkit_MORGAN	0.7938	0.2062	0.7933	0.5862	0.6762
cas_N6512_RDkit_morgan_FP	0.7929	0.2071	0.7932	0.5853	0.6755
cas_N6512_rdkit_PATTERN	0.7985	0.2015	0.7993	0.5969	0.6629
cas_N6512_RDkit_pattern_FP	0.7899	0.2101	0.7905	0.5796	0.6797
cas_N6512_rdkit_RDKITFP	0.8065	0.1935	0.8073	0.6129	0.6480
cas_N6512_rdkit_TORSION	0.7734	0.2266	0.7759	0.5481	0.7016
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7617	0.2383	0.7732	0.5226	0.6721
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9697	0.0303	0.7999	0.5917	0.4453
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9276	0.0724	0.5924	0.1844	0.6442
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.8953	0.1047	0.5637	0.1264	0.6495
cervical-H	0.9419	0.0581	0.8278	0.5889	0.5302
cervical-S	0.9419	0.0581	0.8185	0.6350	0.4967
children-anemia	0.9399	0.0301	0.9335	0.9104	0.1433
chrom191%	0.9982	0.0018	0.8232	0.5707	0.5239
chrom1910%	0.9992	0.0008	0.8373	0.6663	0.4945
chronic-kidney	0.9157	0.0843	0.4780	-0.0113	0.4605

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn	0.8490	0.1510	0.7646	0.5290	0.6592
churn-bigml	0.9663	0.0337	0.9318	0.8634	0.2929
ci900367j_MACCS	0.7263	0.2737	0.7126	0.4248	0.7930
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.7620	0.5753	0.3543
cjs	0.9964	0.0012	0.9959	0.9956	0.0106
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8111	0.0944	0.7106	0.7151	0.4380
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5000	0.3333	0.5263	0.1429	0.4353
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5510	0.2993	0.5350	0.3093	0.6691
cnae-9	0.9259	0.0165	0.9319	0.9167	0.0723
codon_usage	0.9202	0.0145	0.7737	0.9028	0.1249
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.9000	0.0133	0.9341	0.8901	0.0590
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2	0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3	0.7241	0.2759	0.7108	0.4171	0.7875
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.7586	0.2414	0.4314	-0.1093	0.8449
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.7007	0.6353	0.2946
comedy_comparisons1%	0.4811	0.5189	0.4896	-0.0144	0.8971
cottonmeloidogyne	0.7740	0.2260	0.7758	0.5485	0.7016
coupon	0.7555	0.2445	0.7511	0.5021	0.7452
covtypeCD	0.9861	0.0139	0.9716	0.9426	0.2010
covtypeT	0.9803	0.0197	0.9306	0.8584	0.3562
crabs	0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9438	0.0187	0.8685	0.8855	0.1639
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.5000	0.0312	0.4419	0.4839	0.1003
customer-churn	0.9602	0.0398	0.7231	0.3956	0.5324
cybersecurity	0.1767	0.2744	0.1783	0.0126	0.8710
cyclopentane	0.7778	0.2222	0.7814	0.5345	0.6228
cylinder-bands	0.7407	0.2593	0.7317	0.4577	0.7575
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8130	0.1870	0.7239	0.4476	0.7194
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.8783	0.1217	0.7857	0.5431	0.6073
depressed	0.8112	0.1888	0.5103	0.0118	0.7058
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.6525	0.4146	0.3469
dexter	0.9500	0.0500	0.9523	0.9000	0.2092
df_final	0.4375	0.3750	0.5171	0.1724	0.4774
DIA	0.8500	0.1500	0.7938	0.5000	0.3145
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-risk	0.9121	0.0879	0.8722	0.7428	0.4937
diabetic1%	0.5196	0.3203	0.4521	0.1721	0.7444
diabetic10%	0.5432	0.3045	0.4621	0.2002	0.7404

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7668	0.0933	0.7583	0.6713	0.3518
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5417	0.4583	0.4912	-0.0154	0.9600
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota210%	0.5806	0.4194	0.5786	0.1571	0.9456
drebin	0.9836	0.0164	0.9826	0.9650	0.1115
dropout	0.7607	0.1595	0.7054	0.6093	0.4583
drug-01	0.2926	0.2021	0.2254	0.0348	0.8344
drug-02	0.4787	0.1489	0.3098	0.2930	0.7452
drug-03	0.5957	0.1348	0.2353	0.1969	0.5624
drug-04	0.4096	0.1687	0.2599	0.1749	0.8127
drug-05	0.7021	0.0851	0.1179	-0.0442	0.3609
drug-06	0.3830	0.1763	0.2881	0.2515	0.6556
drug-07	0.3883	0.2039	0.1710	0.0292	0.5575
drug-08	0.4468	0.1581	0.2436	0.1905	0.6949
drug-09	0.8138	0.0621	0.2028	0.0653	0.4349
drug-10	0.5266	0.1353	0.2786	0.2458	0.6200
drug-11	0.7447	0.0729	0.2063	0.1231	0.7382
drug-12	0.7021	0.0993	0.2444	0.1024	0.7050
drug-13	0.5266	0.1353	0.1721	0.2298	0.7325
drug-14	0.5479	0.1292	0.3300	0.3326	0.6150
drug-15	0.5957	0.1155	0.2178	0.1785	0.8261
drug-16	0.5372	0.1543	0.3369	0.3451	0.6088
drug-17	0.3138	0.1960	0.2344	0.1456	0.7899
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.6170	0.1094	0.1678	0.0977	0.6101
drybean	0.9192	0.0231	0.9324	0.9023	0.1313
ecoli	0.9118	0.0294	0.7776	0.8774	0.1035
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.7879	0.2121	0.6630	0.2667	0.5821
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2100	0.3950	0.2091	-0.0522	0.8840
eeg-eye	0.9079	0.0921	0.9069	0.8131	0.4058
eeg10%	0.4518	0.0685	0.4521	0.3968	0.5972
eucalyptus	0.6712	0.1315	0.6521	0.5823	0.3615
euthyroid	0.9684	0.0316	0.9106	0.8212	0.3529
exon.vs.intron-freq10%	0.9591	0.0409	0.9596	0.9178	0.2093
fakenews	0.5100	0.4900	0.5103	0.0205	0.9934
farm-ads	0.8986	0.1014	0.9000	0.7946	0.4030
fbis-wc	0.8537	0.0172	0.8108	0.8343	0.1136
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.6471	0.3529	0.6436	0.2873	0.8844
financial-risk	0.8870	0.0377	0.6962	0.8194	0.1746
fishcatch	0.8750	0.0417	0.9249	0.8462	0.0696
flags	0.7000	0.0857	0.5772	0.6364	0.1658
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gas	0.9957	0.0014	0.9955	0.9948	0.0108
gastrointestinal	0.7500	0.1667	0.7551	0.5924	0.3347
gender	0.5684	0.2877	0.4520	0.1474	0.7087
gene	0.9527	0.0315	0.9473	0.9244	0.1473
german	0.7200	0.2800	0.6785	0.3503	0.8079
gestures	0.9238	0.0381	0.9240	0.8984	0.1726

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gina	0.9539	0.0461	0.9539	0.9077	0.2508
gisette	0.9714	0.0286	0.9715	0.9429	0.1730
glass	0.7143	0.0952	0.7511	0.6228	0.2401
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWNFP	0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4000	0.3000	0.5078	0.2151	0.5428
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.8000	0.2000	0.7667	0.5263	0.6914
hapt	0.9680	0.0053	0.9243	0.9622	0.0444
har	0.9959	0.0016	0.9955	0.9948	0.0116
har701%	0.9168	0.0238	0.5779	0.8785	0.1733
harth1%	0.8692	0.0218	0.6155	0.8232	0.2625
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7800	0.1100	0.3343	0.0690	0.1892
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.7742	0.2258	0.7815	0.5526	0.6797
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9800	0.0200	0.9767	0.9531	0.1216
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6973	0.3027	0.6961	0.3922	0.8253
higher	0.2143	0.1964	0.1579	0.0778	0.3199
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9191	0.0809	0.8711	0.7364	0.5024
hiva	0.9551	0.0449	0.6127	0.2178	0.6033
horse	0.6667	0.2222	0.6599	0.4504	0.5698
hotel-reservartions	0.8997	0.1003	0.8865	0.7729	0.4618
hr	0.8456	0.1544	0.5272	0.0337	0.6757
ht-sensor10%	0.9991	0.0006	0.9992	0.9987	0.0048
htru2	0.9743	0.0257	0.9246	0.8489	0.3357
hypothyroid	0.9867	0.0066	0.7285	0.9240	0.1169
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.6610	0.3390	0.5868	0.1737	0.8848
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9063	0.0072	0.9110	0.9025	0.0783
jm1	0.8072	0.1928	0.6825	0.3645	0.7467
jvowels	0.9739	0.0058	0.9722	0.9704	0.0459
kc1	0.8626	0.1374	0.7300	0.4591	0.6698
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1-class-level-numericdefect	0.6923	0.1231	0.4478	0.4348	0.3429
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7692	0.2308	0.6769	0.3514	0.7685
kdc-4007	0.7930	0.0591	0.7959	0.7584	0.3060
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9955	0.0007	0.8528	0.9925	0.0528
kepler	0.8954	0.0697	0.8568	0.8277	0.1951
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7583	0.0269	0.7687	0.7313	0.3386
krvskp	0.9843	0.0157	0.9844	0.9686	0.1069
la1s-wc	0.8889	0.0370	0.8754	0.8602	0.1888
la2s-wc	0.8940	0.0353	0.8755	0.8668	0.1856
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0256	0.6492	0.6903	0.0769
led24	0.7000	0.0667	0.7304	0.6581	0.1669
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9485	0.0040	0.9487	0.9464	0.0608
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.9106	0.8806	0.0504
linkage1%	1.0000	0.0000	1.0000	1.0000	0.0000
liver	0.7941	0.2059	0.7709	0.5405	0.6993
loan	0.9859	0.0141	0.9851	0.9702	0.1086
localization10%	0.6329	0.0667	0.4734	0.5546	0.6477
lrs	0.8491	0.0431	0.7015	0.7946	0.1564
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.7615	0.2385	0.7620	0.5231	0.7288
magic04	0.8780	0.1220	0.8652	0.7300	0.5100
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8884	0.1116	0.7751	0.5501	0.6156
maternal	0.7327	0.1782	0.7425	0.5946	0.4792
math	0.8250	0.0875	0.8104	0.7429	0.2762
mba	0.7629	0.1581	0.4857	0.3905	0.5207
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2033	0.3187	0.2046	0.0042	0.8713
messidor	0.7217	0.2783	0.7201	0.4390	0.7902
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9550	0.0090	0.9558	0.9500	0.0542
mfeat-fou	0.8050	0.0390	0.8043	0.7833	0.1582
mfeat-kar	0.9750	0.0050	0.9756	0.9722	0.0315
mfeat-mor	0.7100	0.0580	0.7094	0.6778	0.1894
mfeat-pix	0.9850	0.0030	0.9856	0.9833	0.0187

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-zer	0.7550	0.0490	0.7579	0.7278	0.1539
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5345	0.4475	0.4298
mobile	0.9580	0.0015	0.9614	0.9573	0.0186
monks-1	0.9818	0.0182	0.9821	0.9636	0.1023
monks-2	0.9180	0.0820	0.9085	0.8164	0.3887
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4950	0.0918	0.5532	0.4158	0.5447
musk	0.9667	0.0333	0.9341	0.8625	0.1731
MUT_ci300400a_cdk_ECFP2	0.7938	0.2062	0.7924	0.5824	0.6740
MUT_ci300400a_cdk_ECFP4	0.8108	0.1892	0.8116	0.6186	0.6357
MUT_ci300400a_cdk_ECFP6	0.8072	0.1928	0.8030	0.6058	0.6560
MUT_ci300400a_cdk_ESTATE	0.7470	0.2530	0.7493	0.4928	0.7404
MUT_ci300400a_cdk_EXTENDED	0.8429	0.1571	0.8415	0.6810	0.5777
MUT_ci300400a_cdk_FCFP2	0.7784	0.2216	0.7773	0.5518	0.7000
MUT_ci300400a_cdk_FCFP4	0.7794	0.2206	0.7775	0.5529	0.7003
MUT_ci300400a_cdk_FCFP6	0.8106	0.1894	0.8107	0.6176	0.6383
MUT_ci300400a_cdk_MACCS	0.8261	0.1739	0.8232	0.6455	0.6169
MUT_ci300400a_cdk_PUBCHEM	0.8431	0.1569	0.8407	0.6803	0.5802
MUT_ci300400a_cdk_STANDARD	0.8383	0.1617	0.8350	0.6695	0.5925
MUT_ci300400a_rdkit_descriptors	0.8434	0.1566	0.8421	0.6827	0.5771
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9687	0.0313	0.9688	0.9374	0.1866
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.8753	0.0131	0.4998	0.6972	0.9914
neo	0.8804	0.1196	0.7573	0.4860	0.6172
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.8750	0.0057	0.8792	0.8711	0.0932
newspop	0.6715	0.3285	0.6691	0.3373	0.8557
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.3611	0.4259	0.3480	0.0006	0.7907
nursery	0.9807	0.0096	0.9564	0.9718	0.0806
obesity	0.9336	0.0190	0.9357	0.9225	0.0829
obs	0.9815	0.0093	0.9872	0.9727	0.0458
occupancy	0.9932	0.0068	0.9906	0.9810	0.0876
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc	0.9604	0.0079	0.9632	0.9548	0.0418
oh10-wc	0.8190	0.0362	0.8181	0.7953	0.1670
oh15-wc	0.8913	0.0217	0.8856	0.8767	0.1191
oh5-wc	0.8791	0.0242	0.8912	0.8640	0.1327
olive	0.9298	0.0156	0.9293	0.9129	0.0693
opn310k10%	0.9209	0.0791	0.7161	0.4170	0.5782
optdigits	0.9573	0.0085	0.9591	0.9525	0.0613
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9684	0.0316	0.7102	0.1943	0.0960
ozone8hr	0.9209	0.0791	0.6394	0.2495	0.6005
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8763	0.1237	0.8660	0.7304	0.5207
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.9014	0.7947	0.4011
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9817	0.0073	0.9083	0.9007	0.3090

Continued on next page

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9052	0.0948	0.8989	0.7977	0.4265
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle10%	0.9177	0.0823	0.9002	0.7997	0.4289
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.6790	0.3567	0.6383
pcmac	0.4794	0.5206	0.4321	-0.1275	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8758	0.7200	0.2379
pediatric-leukemia	0.7941	0.0588	0.7244	0.7441	0.1659
pendigits	0.9900	0.0020	0.9899	0.9889	0.0178
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.7778	0.2222	0.7500	0.5000	0.7296
persistency	0.8280	0.1720	0.8159	0.6318	0.6231
pet-adoption	0.9350	0.0650	0.9258	0.8501	0.3194
phishing	0.9673	0.0327	0.9657	0.9315	0.1998
phone-acc0.1%	0.8538	0.0418	0.8473	0.8289	0.1454
phone-gyr0.1%	0.8708	0.0369	0.8658	0.8487	0.1562
phoneme	0.9019	0.0981	0.8872	0.7697	0.4708
pima	0.7368	0.2632	0.7174	0.4225	0.7566
pirvision	0.9935	0.0044	0.9879	0.9795	0.0780
placement	0.7880	0.2120	0.7832	0.5663	0.6917
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.5556	0.4444	0.3571	-0.2632	0.9745
poker1%	0.5220	0.1366	0.2705	0.1070	0.4837
polish-1st	0.9644	0.0356	0.6738	0.1855	0.2618
polish-2nd	0.9597	0.0403	0.6052	0.1173	0.4095
polish-3rd	0.9514	0.0486	0.5873	0.0646	0.3559
polish-4th	0.9561	0.0439	0.7263	0.3924	0.4075
polish-5th	0.9425	0.0575	0.7475	0.4847	0.5353
polya	0.7784	0.2216	0.7545	0.5076	0.7202
popularity	0.6822	0.2119	0.4815	0.2916	0.5384
post-operative	0.6667	0.3333	0.5950	0.1818	0.8798
pred-tox_mutagen_ref-desc	0.7500	0.2500	0.7501	0.5000	0.7494
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.4037	0.4264	0.2581
profb	0.6716	0.3284	0.6549	0.3041	0.8373
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	1.0000	0.0000	1.0000	1.0000	0.0000
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio10%	0.9873	0.0051	0.9741	0.9830	0.0382
pufs-641%	0.4983	0.5017	0.4983	-0.0033	1.0000
pulsar	0.9824	0.0176	0.9467	0.8930	0.2157
raisin	0.9000	0.1000	0.9009	0.8000	0.4226
re0-wc	0.8400	0.0246	0.8868	0.8006	0.2030
re1-wc	0.8614	0.0111	0.7825	0.8449	0.1701
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.8723	0.0053	0.6632	0.8298	0.3893
rice	0.9868	0.0132	0.9867	0.9733	0.0942
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.7358	0.2642	0.7375	0.4690	0.7569
satimage	0.9036	0.0321	0.8910	0.8812	0.1613
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.9393	0.0607	0.8298	0.6593	0.5044
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.6176	0.3824	0.6294	0.2353	0.8487

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9740	0.0074	0.9781	0.9696	0.0309
segmentation	0.8465	0.1535	0.8372	0.6726	0.5849
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.9070	0.0930	0.6006	0.2006	0.6697
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8632	0.1368	0.5688	0.0697	0.5660
sens-10-gram	0.8320	0.1680	0.5525	0.0957	0.7581
sens-2-gram	0.8816	0.1184	0.6716	0.2447	0.4930
sens-3-gram	0.8763	0.1237	0.6474	0.1911	0.5052
sens-4-gram	0.8737	0.1263	0.6483	0.2413	0.6010
sens-5-gram	0.8842	0.1158	0.6907	0.2128	0.3478
sens-6-gram	0.8684	0.1316	0.6071	0.1284	0.5533
sens-7-gram	0.8684	0.1316	0.6350	0.2276	0.6392
sens-8-gram	0.8342	0.1658	0.5868	0.1688	0.7528
sens-9-gram	0.8289	0.1711	0.6094	0.2184	0.7487
sensorless	0.9979	0.0004	0.9980	0.9977	0.0045
sepsis	0.5482	0.4518	0.5874	0.0908	0.4280
shoppers	0.8881	0.1119	0.8016	0.6000	0.6053
shuttle	0.9983	0.0005	0.8706	0.9952	0.3683
sick	0.9761	0.0239	0.8989	0.7958	0.3118
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin	0.9995	0.0005	0.9993	0.9985	0.0115
skin10%	0.9988	0.0012	0.9981	0.9963	0.0247
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1650	-0.1135	0.8837
smk_can_187	0.7368	0.2632	0.7449	0.4633	0.6993
smoking	0.8152	0.1848	0.8163	0.6218	0.6179
soil_pollution	0.2267	0.3093	0.2273	0.0323	0.8570
solar-flare	0.7266	0.0911	0.6749	0.6602	0.2681
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9706	0.0031	0.9809	0.9678	0.0165
spam-detection	0.9550	0.0450	0.8845	0.7610	0.4736
spambase	0.9391	0.0609	0.9363	0.8725	0.3126
spect	0.7600	0.2400	0.7839	0.4828	0.5306
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.7308	0.0199	0.6579	0.7152	0.0924
splice-EI	0.9748	0.0252	0.9669	0.9337	0.2013
splice-IE	0.9401	0.0599	0.9174	0.8348	0.3664
sport-articles	0.8200	0.1800	0.8094	0.6182	0.6401
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9892	0.0108	0.9885	0.9767	0.0905
steel_industry	0.9141	0.0573	0.8925	0.8609	0.2127
steel-b	0.8513	0.1487	0.7909	0.5786	0.6408
steel-d	0.9897	0.0103	0.9069	0.7950	0.0398
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.8205	0.1795	0.8018	0.6035	0.6464
steel-p	0.9385	0.0615	0.8075	0.6135	0.5559
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9226	0.8401	0.3898
stellar	0.9738	0.0175	0.9700	0.9536	0.1072
stock	0.9167	0.0833	0.8553	0.7097	0.4818
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9920	0.0080	0.9919	0.9838	0.0605
stress	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
student-lifestyle	0.5850	0.1660	0.4180	0.3693	0.5805
student-habits	0.3700	0.2520	0.2360	0.0442	0.6975
student-weekend	0.3538	0.2585	0.2960	0.1393	0.7196
student-workday	0.6875	0.1250	0.2815	0.2833	0.5586
studentap	0.5385	0.3077	0.5166	0.2778	0.5827
susy1%	0.8020	0.1980	0.8004	0.5980	0.6538
tae	0.4667	0.3556	0.4749	0.2000	0.6001
telco-churn	0.9091	0.0909	0.8835	0.7670	0.4587
texture	0.9800	0.0036	0.9812	0.9779	0.0287
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7447	0.2553	0.4964	-0.0071	0.8042
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9764	0.9529	0.1491
tis10%	0.9030	0.0970	0.8645	0.7246	0.4544
titanic	0.7591	0.2409	0.7276	0.4549	0.7599
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.6471	0.3529	0.5858	0.1639	0.8952
toxicity-13f	0.7647	0.2353	0.7310	0.4426	0.7072
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.5867	0.4133	0.5170	0.0325	0.8609
trec11-wc	0.9024	0.0217	0.7856	0.8805	0.0759
trec12-wc	0.9677	0.0081	0.9812	0.9612	0.0265
trec21-wc	0.8788	0.0485	0.5444	0.7565	0.2615
trec23-wc	0.9048	0.0317	0.8015	0.8618	0.0774
trec31-wc	0.9462	0.0179	0.9533	0.9288	0.0900
trec41-wc	0.9205	0.0159	0.8427	0.9033	0.0775
trec45-wc	0.9420	0.0116	0.8527	0.9321	0.0413
tuandromd	0.9727	0.0273	0.9592	0.9162	0.2600
turkish	0.7500	0.1250	0.7529	0.6667	0.2887
tvnews1%	0.9385	0.0615	0.9338	0.8656	0.2918
tvnews10%	0.9106	0.0894	0.9036	0.8072	0.4145
ur3_cobotops_grip	0.9714	0.0286	0.7417	0.4736	0.5008
ur3_cobotops_stop	0.9769	0.0231	0.8515	0.6999	0.4853
urban	0.8358	0.0365	0.8357	0.8077	0.1608
urinalysis	0.9091	0.0909	0.7101	0.3903	0.5961
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7857	0.1071	0.7359	0.7088	0.2410
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6970	0.0551	0.7176	0.6667	0.1740
vowelZ	0.9899	0.0101	0.9688	0.9357	0.0414
wap-wc	0.8333	0.0167	0.7271	0.8145	0.1198
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9565	0.0124	0.9555	0.9491	0.0722
watch-gyr1%	0.9395	0.0173	0.9378	0.9293	0.0830
water_pollution	0.2133	0.3933	0.2120	-0.0488	0.8868
waveform	0.8480	0.1013	0.8486	0.7721	0.3519
weather-related	0.9712	0.0052	0.9740	0.9674	0.0483
web-phishing	0.8667	0.0889	0.8319	0.7696	0.4014
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9834	0.0166	0.9160	0.8313	0.3592
wine	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
winequality-red	0.6352	0.1216	0.3214	0.4300	0.4750
winequality-white	0.6401	0.1200	0.4767	0.4732	0.5451
wisc_bc	0.9474	0.0526	0.9478	0.8902	0.2605
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.6149	0.0856	0.4613	0.5060	0.4153
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.6146	0.2292	0.5992
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9459	0.0541	0.6564	0.3060	0.6026
zip	0.9430	0.0114	0.9380	0.9362	0.0929

Table 501: Detailed results for SVC^{CV} Noise 1%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1655	0.0726	0.1213	0.0746	0.4975
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.6687	0.3081	0.5496
accident	0.3500	0.6500	0.3492	-0.3000	1.0000
ads	0.9817	0.0183	0.9614	0.9198	0.0692
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9223	0.0777	0.4798	-0.0300	0.6529
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8920	0.1080	0.8466	0.6848	0.4742
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8762	0.0495	0.6006	0.7056	0.1279
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8326	0.1674	0.8141	0.6270	0.6151
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9903	0.0049	0.9744	0.9815	0.0313
anuran-genus	0.9875	0.0031	0.9594	0.9794	0.0740
anuran-species	0.9931	0.0014	0.9912	0.9903	0.0155
anxiety	0.1000	0.2000	0.0980	-0.0162	0.7373
apple-quality	0.9175	0.0825	0.9175	0.8350	0.3794
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7354	0.4681	0.7547
arrhythmia	0.6889	0.0622	0.5713	0.4597	0.3118
auction	0.9461	0.0539	0.8692	0.7261	0.3319
audiology	0.9091	0.0165	0.9540	0.8922	0.0543
audit-risk	0.9615	0.0385	0.9607	0.9184	0.1551
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9500	0.0200	0.9520	0.9340	0.0427
babies	0.4919	0.1452	0.1618	0.1963	0.4494
balance	0.9677	0.0215	0.9309	0.9435	0.1795
bank	0.9097	0.0903	0.7446	0.4763	0.5717
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9263	0.0737	0.9211	0.8344	0.2847
basehock	0.9447	0.0553	0.9447	0.8894	0.2857

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bio10%	0.9966	0.0034	0.8943	0.7809	0.2098
biodeg	0.8762	0.1238	0.8713	0.7412	0.5090
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7060	0.1470	0.7071	0.6080	0.4376
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7143	0.2857	0.6769	0.3488	0.8025
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.8000	0.0667	0.7742	0.7297	0.1225
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.3322	0.0003	0.3563
car	0.9828	0.0086	0.9748	0.9635	0.1207
car-insurance	0.8400	0.1600	0.8121	0.6240	0.6168
card	0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography	0.8779	0.0244	0.8670	0.8533	0.1392
cardiotocography-nsp	0.9249	0.0501	0.8525	0.7823	0.2184
cardiovascular	0.7352	0.2648	0.7360	0.4704	0.7682
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6692	0.5248	0.4575
cas_N6512_cdk_ECFP2	0.7803	0.2197	0.7790	0.5581	0.7013
cas_N6512_rdkit_ATOMPAIR	0.7892	0.2108	0.7878	0.5754	0.6854
cas_N6512_RDkit_AtomPair_FP	0.7592	0.2408	0.7572	0.5136	0.7352
cas_N6512_rdkit_AVALON	0.8018	0.1982	0.8004	0.6008	0.6621
cas_N6512_RDkit_Avalon_FP	0.8359	0.1641	0.8352	0.6702	0.5932
cas_N6512_rdkit_descriptors	0.7877	0.2123	0.7867	0.5733	0.6881
cas_N6512_rdkit_FEATMORGAN	0.7865	0.2135	0.7850	0.5700	0.6905
cas_N6512_RDkit_Featmorgan_FP	0.8098	0.1902	0.8088	0.6176	0.6469
cas_N6512_RDkit_FP	0.7853	0.2147	0.7848	0.5692	0.6913
cas_N6512_rdkit_LAYERED	0.8123	0.1877	0.8123	0.6238	0.6397
cas_N6512_RDkit_Layered_FP	0.7929	0.2071	0.7913	0.5822	0.6775
cas_N6512_rdkit_MACCS	0.8123	0.1877	0.8107	0.6205	0.6389
cas_N6512_RDkit_MACCS_FP	0.8028	0.1972	0.8028	0.6047	0.6577
cas_N6512_rdkit_MORGAN	0.8185	0.1815	0.8172	0.6327	0.6235
cas_N6512_RDkit_morgan_FP	0.8083	0.1917	0.8068	0.6124	0.6456
cas_N6512_rdkit_PATTERN	0.7938	0.2062	0.7942	0.5872	0.6735
cas_N6512_RDkit_pattern_FP	0.7807	0.2193	0.7800	0.5597	0.6999
cas_N6512_rdkit_RDKITFP	0.8003	0.1997	0.7988	0.5974	0.6643
cas_N6512_rdkit_TORSION	0.8031	0.1969	0.8034	0.6056	0.6562
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8083	0.1917	0.7880	0.5757	0.6688
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9468	0.0532	0.6281	0.2264	0.5685
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.8689	0.7378	0.4199
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9064	0.0468	0.8736	0.8597	0.1893
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8410	0.1590	0.7185	0.3890	0.5881
churn-bigml	0.9251	0.0749	0.8360	0.6287	0.2845
ci900367j_MACCS	0.7263	0.2737	0.6998	0.3922	0.7879
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8778	0.0611	0.8051	0.8118	0.2741
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5646	0.2902	0.5437	0.3189	0.6954
cnae-9	0.9352	0.0144	0.9369	0.9271	0.0678
codon_usage	0.9501	0.0091	0.8197	0.9394	0.0890
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.7600	0.0320	0.6263	0.7333	0.0953
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.6821	0.3591	0.8058
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.7931	0.2069	0.7868	0.5735	0.6840
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
cottonmeloidogyne	0.7812	0.2188	0.7815	0.5626	0.6974
coupon	0.7642	0.2358	0.7576	0.5121	0.7245
covtypeCD	0.9935	0.0065	0.9862	0.9724	0.0743
covtypeT	0.9870	0.0130	0.9499	0.8997	0.2301
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
crowdsourced	0.9631	0.0123	0.8895	0.9241	0.1297
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.7500	0.0156	0.7059	0.7419	0.0459
customer-churn	0.9816	0.0184	0.7149	0.3943	0.4343
cybersecurity	0.1800	0.2733	0.0706	0.0040	0.4300
cyclopentane	0.8148	0.1852	0.8118	0.6218	0.6325
cylinder-bands	0.7037	0.2963	0.7010	0.4008	0.8144
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
defect	0.8981	0.1019	0.7924	0.5721	0.5293
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9075	0.0925	0.7398	0.4552	0.5473
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.3366	0.0303	0.5178
dexter	0.6167	0.3833	0.6224	0.2333	0.8822
df_final	0.8125	0.1250	0.8272	0.7108	0.2451
DIA	0.8833	0.1167	0.8364	0.6500	0.4374
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-risk	0.9062	0.0938	0.8511	0.6988	0.4791
diabetic1%	0.5784	0.2810	0.3771	0.1299	0.4612
diabetic10%	0.5786	0.2809	0.3801	0.1654	0.5264
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.7720	0.0912	0.7559	0.6758	0.3300
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dota210%	0.5709	0.4291	0.5670	0.1328	0.9510
drebin	0.9925	0.0075	0.9920	0.9840	0.0543
dropout	0.7765	0.1490	0.7074	0.6257	0.4504
drug-01	0.4255	0.1641	0.1590	0.0517	0.3017
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6809	0.1064	0.1643	0.0428	0.3498
drug-04	0.5585	0.1261	0.2407	0.1277	0.3289
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.2473	0.2621	0.4878
drug-07	0.4309	0.1897	0.1460	0.0096	0.3430
drug-08	0.5745	0.1216	0.1817	0.1358	0.3298
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1626	0.1375	0.3539
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1758	0.2393	0.3240
drug-14	0.5957	0.1155	0.2686	0.2865	0.5197
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5745	0.1418	0.2879	0.2974	0.5221
drug-17	0.3670	0.1809	0.1329	0.1140	0.4610
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9324	0.0193	0.9439	0.9182	0.1139
ecoli	0.8824	0.0392	0.7465	0.8359	0.1288
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2570	0.0140	0.8164
eeg-eye	0.9179	0.0821	0.9170	0.8340	0.3800
eeg10%	0.4095	0.0738	0.4444	0.3467	0.5905
eucalyptus	0.7123	0.1151	0.7035	0.6288	0.3322
euthyroid	0.9557	0.0443	0.8786	0.7566	0.4443
fakenews	0.5025	0.4975	0.5028	0.0056	0.9974
fbis-wc	0.8211	0.0210	0.7866	0.7956	0.1488
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.9804	0.0196	0.9805	0.9602	0.1023
financial-risk	0.8680	0.0440	0.6647	0.7906	0.2096
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.7000	0.0857	0.4338	0.6117	0.1983
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gas	0.9957	0.0014	0.9960	0.9948	0.0107
gastrointestinal	0.6875	0.2083	0.7095	0.5210	0.4107
gender	0.6021	0.2653	0.3802	0.1429	0.5092
gene	0.9306	0.0463	0.9229	0.8894	0.2143
german	0.6800	0.3200	0.6116	0.1645	0.7536
gestures	0.9187	0.0407	0.9189	0.8916	0.1808
gina	0.9510	0.0490	0.9510	0.9020	0.2622
gisette	0.9686	0.0314	0.9686	0.9371	0.1864
glass	0.7143	0.0952	0.7306	0.6123	0.3036
glass-g2	0.8125	0.1875	0.7960	0.5862	0.6376
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7143	0.2857	0.6786	0.3571	0.8215
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9048	0.0952	0.7835	0.4615	0.5000
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.3662	0.2500	0.4109
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9707	0.0049	0.9221	0.9654	0.0381
har	0.9913	0.0035	0.9907	0.9890	0.0253
har701%	0.9146	0.0244	0.5385	0.8741	0.1652
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.5294	0.4706	0.4923	-0.0149	0.9858
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9740	0.0260	0.9697	0.9391	0.1628
heart-quantum	0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6827	0.3173	0.6808	0.3563	0.8322
higher	0.2143	0.1964	0.0500	0.0065	0.3315
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9359	0.0641	0.8816	0.7600	0.3905
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6944	0.2037	0.6686	0.4485	0.4420
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9804	0.0196	0.9390	0.8754	0.1831
hypothyroid	0.9735	0.0133	0.6654	0.8305	0.1604
hypothyroidT	0.9788	0.0212	0.9209	0.8349	0.1759
ilpd	0.6949	0.3051	0.4100	-0.0331	0.6662
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9553	0.0223	0.9561	0.9404	0.0881
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9461	0.0041	0.9468	0.9439	0.0498
jm1	0.8219	0.1781	0.6487	0.2189	0.6066
jvowels	0.9970	0.0007	0.9964	0.9966	0.0056
kc1	0.8720	0.1280	0.7097	0.3228	0.4646
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kepler	0.8912	0.0725	0.8524	0.8210	0.2069
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.8307	0.0188	0.8175	0.8111	0.2175
krvskp	0.9969	0.0031	0.9969	0.9937	0.0271
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.7941	0.0179	0.7980	0.7836	0.0538
led24	0.7000	0.0667	0.7128	0.6591	0.1676
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9790	0.0016	0.9788	0.9781	0.0257
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
libra	0.9444	0.0074	0.9556	0.9404	0.0242
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9438	0.0562	0.9399	0.8792	0.2853
localization10%	0.6996	0.0546	0.4644	0.6184	0.4461
lrs	0.8868	0.0323	0.6579	0.8418	0.0615
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5462	0.4538	0.5470	0.0923	0.9636
magic04	0.8806	0.1194	0.8671	0.7281	0.4688
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.8973	0.1027	0.7665	0.4453	0.3511
maternal	0.8119	0.1254	0.8171	0.7151	0.3967
math	0.8000	0.1000	0.7750	0.6819	0.2514
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	1.0000	0.0000	1.0000	1.0000	0.0000
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.7304	0.2696	0.7342	0.4627	0.7633
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9750	0.0050	0.9756	0.9722	0.0290
mfeat-fou	0.8450	0.0310	0.8467	0.8278	0.1113
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7150	0.0570	0.7201	0.6833	0.1834
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8300	0.0340	0.8321	0.8111	0.1058
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.7059	0.1176	0.6867	0.6308	0.2930
mobile	0.8497	0.0054	0.8609	0.8469	0.0693
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9836	0.0164	0.9824	0.9641	0.1262
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5122	0.0887	0.5370	0.4061	0.5022
musk	0.9955	0.0045	0.9915	0.9828	0.0885
MUT_ci300400a_cdk_ECFP2	0.8405	0.1595	0.8357	0.6714	0.5880
MUT_ci300400a_cdk_ECFP4	0.8407	0.1593	0.8359	0.6717	0.5876
MUT_ci300400a_cdk_ECFP6	0.8240	0.1760	0.8181	0.6357	0.6213
MUT_ci300400a_cdk_ESTATE	0.7818	0.2182	0.7732	0.5427	0.6944
MUT_ci300400a_cdk_EXTENDED	0.8657	0.1343	0.8620	0.7241	0.5299
MUT_ci300400a_cdk_FCFP2	0.8383	0.1617	0.8328	0.6651	0.5904
MUT_ci300400a_cdk_FCFP4	0.8201	0.1799	0.8140	0.6271	0.6286
MUT_ci300400a_cdk_FCFP6	0.8177	0.1823	0.8133	0.6264	0.6361
MUT_ci300400a_cdk_MACCS	0.8429	0.1571	0.8379	0.6756	0.5816

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_PUBCHEM	0.8719	0.1281	0.8676	0.7343	0.5087
MUT_ci300400a_cdk_STANDARD	0.8515	0.1485	0.8470	0.6940	0.5633
MUT_ci300400a_rdkit_descriptors	0.8609	0.1391	0.8587	0.7170	0.5397
myocardial	0.8647	0.0338	0.2547	0.2378	0.1131
naticusdroid	0.9725	0.0275	0.9725	0.9450	0.1700
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	0.9956	0.0044	0.9917	0.9833	0.0224
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	1.0000	0.0000	1.0000	1.0000	0.0000
obesity	0.9336	0.0190	0.9320	0.9225	0.0869
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9932	0.0068	0.9905	0.9809	0.0810
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.7921	0.0416	0.7681	0.7609	0.2064
oh10-wc	0.6952	0.0610	0.6756	0.6507	0.2684
oh15-wc	0.6630	0.0674	0.6162	0.6151	0.3157
oh5-wc	0.7802	0.0440	0.7720	0.7510	0.1933
olive	0.9298	0.0156	0.9215	0.9118	0.0396
optdigits	0.9875	0.0025	0.9880	0.9862	0.0204
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9091	0.0909	0.5308	0.0456	0.6418
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8402	0.1598	0.8193	0.6374	0.6027
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9068	0.8099	0.4016
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9653	0.0139	0.7906	0.7831	0.1758
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8389	0.1611	0.8298	0.6594	0.5997
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle10%	0.9246	0.0754	0.9058	0.8115	0.3922
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9369	0.0631	0.7116	0.2096	0.1619
pcmac	0.5670	0.4330	0.4823	-0.0143	0.7881
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8728	0.7407	0.4303
pediatric-leukemia	0.7941	0.0588	0.7203	0.7421	0.1519
pendigits	0.9973	0.0005	0.9972	0.9970	0.0055
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8076	0.1924	0.7914	0.5796	0.6557
pet-adoption	0.9250	0.0750	0.9145	0.8284	0.3690
phishing	0.9429	0.0571	0.9403	0.8805	0.3037
phoneme	0.8963	0.1037	0.8723	0.7446	0.4889
pima	0.7237	0.2763	0.7074	0.3667	0.6931
pirvision	0.9967	0.0022	0.9922	0.9897	0.0264
placement	0.7980	0.2020	0.7908	0.5785	0.6648
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5346	0.1330	0.1554	0.0908	0.2801
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
polya	0.7924	0.2076	0.7684	0.5327	0.6884
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6847	0.3529	0.8074
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4848	0.0793	0.3769	0.4258	0.2319
profb	0.7612	0.2388	0.7360	0.4709	0.7510
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9855	0.0058	0.9769	0.9806	0.0427
pulsar	0.9816	0.0184	0.9433	0.8840	0.1636
raisin	0.9222	0.0778	0.9232	0.8444	0.3519
re0-wc	0.8333	0.0256	0.8273	0.7803	0.2357
re1-wc	0.6988	0.0241	0.5114	0.6498	0.2243
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9874	0.0126	0.9873	0.9744	0.0848
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6647	0.3353	0.6531	0.3063	0.8682
satimage	0.9176	0.0275	0.9098	0.8984	0.1440
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9611	0.0389	0.8865	0.7687	0.3333
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.5000	0.0000	0.9853
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9461	0.9291	0.0708
segmentation	0.8515	0.1485	0.8381	0.6763	0.5773
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-3-gram	0.8684	0.1316	0.5897	0.0557	0.4398
shoppers	0.8994	0.1006	0.7821	0.5340	0.4840
sick	0.9629	0.0371	0.8286	0.6141	0.2431
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6316	0.3684	0.6445	0.2400	0.7788
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7482	0.0839	0.5941	0.6756	0.1806
sonar	0.7000	0.3000	0.7041	0.4000	0.7994
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9540	0.0460	0.8566	0.7120	0.4339
spambase	0.9065	0.0935	0.9018	0.8025	0.4115
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.6731	0.0242	0.5937	0.6546	0.1084
splice-EI	0.9779	0.0221	0.9717	0.9427	0.1928
splice-IE	0.9306	0.0694	0.9024	0.8043	0.3871
sport-articles	0.8300	0.1700	0.8144	0.6249	0.6065
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8881	0.0746	0.8594	0.8179	0.2573
steel-b	0.8718	0.1282	0.7962	0.5882	0.5854
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8051	0.1949	0.7792	0.5526	0.6617
steel-p	0.9333	0.0667	0.7250	0.3558	0.3699
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9641	0.0359	0.9005	0.8006	0.3957
stock	0.9167	0.0833	0.8498	0.6905	0.4335
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.9160	0.0840	0.9152	0.8303	0.3867
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6100	0.1560	0.3330	0.3597	0.4277
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4154	0.2338	0.2525	0.1086	0.5079
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.3833	0.0545	0.7688
susy1%	0.8008	0.1992	0.8014	0.5926	0.6321
tae	0.4667	0.3556	0.5218	0.2000	0.5978
telco-churn	0.9006	0.0994	0.8697	0.7380	0.4700
texture	0.9982	0.0003	0.9982	0.9980	0.0028
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	1.0000	0.0000	1.0000	1.0000	0.0000
tis10%	0.8433	0.1567	0.7762	0.5454	0.6261
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.6061	0.2089	0.8354
trec11-wc	0.8780	0.0271	0.6931	0.8477	0.0688
trec12-wc	0.8710	0.0323	0.8988	0.8408	0.0827
trec21-wc	0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc	0.6190	0.1270	0.5910	0.4667	0.3399
trec31-wc	0.9570	0.0143	0.9609	0.9427	0.0689
trec41-wc	0.8182	0.0364	0.6501	0.7756	0.2153
trec45-wc	0.7391	0.0522	0.6936	0.6933	0.2328
tuandromd	0.9954	0.0046	0.9927	0.9853	0.0239
turkish	0.8500	0.0750	0.8541	0.8000	0.1732
tvnews1%	0.9462	0.0538	0.9420	0.8829	0.2707
tvnews10%	0.9144	0.0856	0.9079	0.8157	0.4032
ur3_cobotops_grip	0.9769	0.0231	0.7773	0.4755	0.2251
ur3_cobotops_stop	0.9646	0.0354	0.6492	0.1781	0.3486
urban	0.8358	0.0365	0.8434	0.8078	0.1267
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.8333	0.0833	0.8159	0.7764	0.1444
vehicleVAN	1.0000	0.0000	1.0000	1.0000	0.0000
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.6970	0.0551	0.7192	0.6667	0.1733
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.8141	0.0186	0.5826	0.7914	0.1115
warpar10p	0.9231	0.0154	0.9583	0.9133	0.0343

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-gyr1%	0.8238	0.0504	0.8193	0.7942	0.2106
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8420	0.1053	0.8425	0.7631	0.3598
weather-related	0.9750	0.0045	0.9770	0.9717	0.0362
web-phishing	0.8741	0.0840	0.8291	0.7789	0.3882
Weekly	0.9722	0.0278	0.9719	0.9436	0.1670
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9938	0.0062	0.9699	0.9379	0.2404
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6918	0.1027	0.3438	0.4924	0.3129
winequality-white	0.6728	0.1091	0.4782	0.4895	0.4014
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5270	0.1051	0.3936	0.3908	0.3925
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.4897	-0.0183	0.6136
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9459	0.0541	0.6024	0.1766	0.5813
zip	0.9656	0.0069	0.9631	0.9614	0.0581

Table 502: Detailed results for SVM^{CV} Noise 1%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1583	0.0732	0.1062	0.0651	0.5122
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9787	0.0213	0.9548	0.9055	0.0778
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID687AID721red	0.9994	0.0006	0.4998	0.0000	0.0035
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8498	0.1502	0.7809	0.5456	0.5854
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8190	0.0724	0.4226	0.5642	0.2213
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8372	0.1628	0.8190	0.6362	0.6029
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9889	0.0056	0.9549	0.9788	0.0327
anuran-genus	0.9917	0.0021	0.9723	0.9863	0.0184
anuran-species	0.9875	0.0025	0.9807	0.9826	0.0206
anxiety	0.1333	0.1926	0.0945	0.0203	0.6612
apple-quality	0.9175	0.0825	0.9175	0.8350	0.3794
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.9000	0.1000	0.9010	0.7826	0.2846
arrhythmia	0.7556	0.0489	0.6019	0.5733	0.2019
auction	0.9216	0.0784	0.8040	0.5217	0.1952
audiology	0.8182	0.0331	0.6496	0.7833	0.0682
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8000	0.0800	0.7163	0.7279	0.1384
avila	0.8040	0.0327	0.8075	0.7373	0.2579
babies	0.4677	0.1521	0.1547	0.1605	0.4645
balance	0.8710	0.0860	0.6108	0.7629	0.4048
bank	0.9104	0.0896	0.7374	0.4474	0.5388

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8986	0.1014	0.8895	0.7729	0.4080
basehock	0.9347	0.0653	0.9347	0.8693	0.3221
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119
biodeg	0.8762	0.1238	0.8682	0.7362	0.5083
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.9856	0.0041	0.1418	-0.0004	0.0939
body-perf	0.6993	0.1504	0.6986	0.5990	0.4447
brain-tumor	0.5020	0.4980	0.5014	0.0022	0.9273
breast-cancer	0.8214	0.1786	0.7795	0.4615	0.3522
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.5969	0.6633	0.1363
bridges	0.9000	0.0333	0.8192	0.8485	0.0568
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4900	0.3400	0.3007	-0.0044	0.3880
car	0.9598	0.0201	0.8923	0.9141	0.1470
car-insurance	0.8330	0.1670	0.8032	0.6059	0.6313
card	0.8551	0.1449	0.8505	0.6997	0.5480
cardiotocography	0.8122	0.0376	0.7632	0.7726	0.1816
cardiotocography-nsp	0.9061	0.0626	0.8170	0.7233	0.3032
cardiovascular	0.7294	0.2706	0.7295	0.4589	0.7807
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6500	0.2333	0.3916	0.2563	0.4704
cas_N6512_cdk_ECFP2	0.7803	0.2197	0.7789	0.5579	0.7014
cas_N6512_rdkit_ATOMPAIR	0.7662	0.2338	0.7642	0.5266	0.7211
cas_N6512_RDkit_AtomPair_FP	0.7423	0.2577	0.7401	0.4772	0.7561
cas_N6512_rdkit_AVALON	0.7880	0.2120	0.7867	0.5734	0.6878
cas_N6512_RDkit_Avalon_FP	0.7991	0.2009	0.7983	0.5965	0.6670
cas_N6512_rdkit_descriptors	0.7877	0.2123	0.7871	0.5739	0.6874
cas_N6512_rdkit_FEATMORGAN	0.7865	0.2135	0.7849	0.5696	0.6902
cas_N6512_RDkit_Featmorgan_FP	0.7991	0.2009	0.7980	0.5961	0.6674
cas_N6512_RDkit_FP	0.7408	0.2592	0.7386	0.4767	0.7645
cas_N6512_rdkit_LAYERED	0.7677	0.2323	0.7663	0.5325	0.7228
cas_N6512_RDkit_Layered_FP	0.7638	0.2362	0.7620	0.5237	0.7288
cas_N6512_rdkit_MACCS	0.8108	0.1892	0.8092	0.6171	0.6408
cas_N6512_RDkit_MACCS_FP	0.8012	0.1988	0.8012	0.6015	0.6609
cas_N6512_rdkit_MORGAN	0.7938	0.2062	0.7922	0.5837	0.6751
cas_N6512_RDkit_morgan_FP	0.8052	0.1948	0.8037	0.6065	0.6531
cas_N6512_rdkit_PATTERN	0.7923	0.2077	0.7911	0.5822	0.6800
cas_N6512_RDkit_pattern_FP	0.7853	0.2147	0.7847	0.5690	0.6917
cas_N6512_rdkit_RDKITFP	0.7573	0.2427	0.7555	0.5109	0.7395
cas_N6512_rdkit_TORSION	0.8031	0.1969	0.8028	0.6050	0.6581
ccds1%	0.9643	0.0357	0.6933	0.1289	0.1053
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8031	0.1969	0.7952	0.5853	0.6625
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.6315	0.2080	0.5106
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.7640	0.3886	0.1042
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8836	0.0582	0.8298	0.8250	0.2171
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chrom1910%	0.9992	0.0008	0.7950	0.5803	0.3843

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8480	0.1520	0.7335	0.4199	0.5654
churn-bigml	0.9363	0.0637	0.8625	0.7110	0.3523
ci900367j_MACCS	0.6737	0.3263	0.6390	0.2712	0.8596
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8593	0.0704	0.7867	0.7824	0.2809
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5170	0.3220	0.4903	0.2337	0.7307
cnae-9	0.9352	0.0144	0.9389	0.9271	0.0730
codon_usage	0.9340	0.0120	0.7789	0.9197	0.1167
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.7000	0.0400	0.5659	0.6670	0.1357
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.5519	0.0584	0.7592
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
comedy_comparisons1%	0.5127	0.4873	0.5034	0.0056	0.9336
cottonmeloidogyne	0.7837	0.2163	0.7836	0.5673	0.6942
coupon	0.7650	0.2350	0.7586	0.5154	0.7263
covtypeCD	0.9886	0.0114	0.9757	0.9515	0.1413
covtypeT	0.9852	0.0148	0.9412	0.8814	0.2041
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9989	0.0011	0.8356	0.6661	0.3562
crowdsourced	0.9622	0.0126	0.8902	0.9226	0.1438
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.4688	0.0332	0.3966	0.4516	0.1016
customer-churn	0.9808	0.0192	0.6716	0.2080	0.2755
cybersecurity	0.1733	0.2756	0.1087	0.0021	0.5915
cyclopentane	0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands	0.7037	0.2963	0.6942	0.3872	0.8199
darwin	0.5556	0.4444	0.5570	0.1111	0.9528
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8227	0.1773	0.7044	0.3615	0.6219
defect	0.8951	0.1049	0.7816	0.5388	0.5087
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9075	0.0925	0.7387	0.4508	0.5427
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.3366	0.0303	0.5178
dexter	0.6167	0.3833	0.6173	0.2333	0.9103
df_final	0.8125	0.1250	0.8272	0.7108	0.2451
DIA	0.8167	0.1833	0.7441	0.3529	0.3484
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-risk	0.9042	0.0958	0.8455	0.6818	0.4568

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
diabetic1%	0.5588	0.2941	0.3697	0.0612	0.4080
diabetic10%	0.5737	0.2842	0.3750	0.1535	0.5279
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7497	0.1001	0.7356	0.6446	0.3582
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9304	0.0696	0.7695	0.5198	0.4978
dota210%	0.5689	0.4311	0.5648	0.1281	0.9517
drebin	0.9932	0.0068	0.9927	0.9854	0.0509
dropout	0.7607	0.1595	0.6749	0.5973	0.4694
drug-01	0.4202	0.1657	0.1419	0.0462	0.3290
drug-02	0.5106	0.1398	0.0973	0.0025	0.3419
drug-03	0.7021	0.0993	0.2932	0.0974	0.2737
drug-04	0.5213	0.1368	0.0989	0.0011	0.3995
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2489	0.2766	0.4811
drug-07	0.4309	0.1897	0.1004	0.0000	0.2655
drug-08	0.5798	0.1201	0.1867	0.1541	0.3300
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5479	0.1292	0.1464	0.0994	0.3997
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6170	0.1094	0.1742	0.2444	0.3751
drug-14	0.5851	0.1185	0.2698	0.2237	0.4297
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5745	0.1418	0.2810	0.2539	0.4748
drug-17	0.3670	0.1809	0.1830	0.1129	0.4518
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9287	0.0204	0.9420	0.9138	0.1175
ecoli	0.8529	0.0490	0.7121	0.7957	0.1665
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2810	0.0376	0.8043
eeg-eye	0.8972	0.1028	0.8961	0.7921	0.4421
eeg10%	0.4027	0.0747	0.3961	0.3359	0.6067
eucalyptus	0.6849	0.1260	0.6771	0.5945	0.3525
euthyroid	0.9462	0.0538	0.8310	0.5977	0.1480
exon.vs.intron-freq10%	0.9605	0.0395	0.9607	0.9209	0.2210
fakenews	0.5000	0.5000	0.4946	-0.0072	0.8869
farm-ads	0.8986	0.1014	0.8988	0.7951	0.4218
fbis-wc	0.8293	0.0201	0.7890	0.8048	0.1293
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8824	0.1176	0.8812	0.7624	0.4831
financial-risk	0.8725	0.0425	0.6681	0.7974	0.1965
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.7000	0.0857	0.4338	0.6117	0.1983
forest	0.9231	0.0385	0.9066	0.8934	0.0853
gas	0.9907	0.0031	0.9907	0.9887	0.0259
gastrointestinal	0.6875	0.2083	0.6932	0.4805	0.4507
gender	0.5895	0.2737	0.3641	0.0981	0.5103
gene	0.9306	0.0463	0.9232	0.8897	0.1990

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
german	0.7100	0.2900	0.6582	0.2602	0.7246
gestures	0.9092	0.0454	0.9102	0.8790	0.1971
gina	0.9568	0.0432	0.9568	0.9135	0.2392
gisette	0.9757	0.0243	0.9757	0.9514	0.1539
glass	0.4762	0.1746	0.3355	0.2351	0.2590
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.7250	0.4500	0.6330
glassNW	0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.4290	0.3438	0.5188
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9680	0.0053	0.8697	0.9622	0.0520
har	0.9378	0.0249	0.9464	0.9209	0.0775
har701%	0.9119	0.0252	0.6026	0.8698	0.1127
harth1%	0.8735	0.0211	0.5843	0.8272	0.1806
hayes-roth	0.6875	0.2083	0.7253	0.5000	0.4011
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8710	0.1290	0.8713	0.7362	0.4795
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.9660	0.0340	0.9603	0.9201	0.1981
heart-quantum	0.9400	0.0600	0.9384	0.8760	0.3123
hepatitis	0.7333	0.2667	0.4231	-0.1111	0.8595
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6773	0.3227	0.6750	0.3491	0.8486
higher	0.2143	0.1964	0.0500	0.0065	0.3550
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9359	0.0641	0.8828	0.7640	0.4052
hiva	0.9669	0.0331	0.6916	0.1211	0.0993
horse	0.6389	0.2407	0.4658	0.3077	0.4538
hotel-reservartions	0.8707	0.1293	0.8503	0.6977	0.5228
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9992	0.0005	0.9993	0.9989	0.0045
htru2	0.9788	0.0212	0.9333	0.8619	0.1652
hypothyroid	0.9602	0.0199	0.6147	0.7340	0.2112
hypothyroidT	0.9576	0.0424	0.8321	0.6000	0.1231
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9533	0.0233	0.9544	0.9378	0.0918
ionosphere	0.9143	0.0857	0.9146	0.8148	0.3671
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9358	0.0049	0.9367	0.9332	0.0592
jm1	0.8053	0.1947	0.4461	-0.0018	0.3820
jvowels	0.9940	0.0013	0.9939	0.9932	0.0120

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.7692	0.0923	0.3178	0.4265	0.1435
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6501	0.2145	0.6041
kdc-4007	0.8529	0.0420	0.8545	0.8283	0.2315
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kddcup991%	0.9972	0.0004	0.7372	0.9952	0.0139
kepler	0.8734	0.0844	0.8308	0.7904	0.2187
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7312	0.0299	0.7130	0.6995	0.2925
krvskp	0.9906	0.0094	0.9906	0.9812	0.0727
la1s-wc	0.8540	0.0487	0.8254	0.8156	0.2563
la2s-wc	0.8775	0.0408	0.8635	0.8452	0.2182
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0230	0.7191	0.7216	0.0640
led24	0.7000	0.0667	0.7304	0.6591	0.1690
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9675	0.0025	0.9675	0.9662	0.0383
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.9169	0.8806	0.0509
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
liver	0.7941	0.2059	0.7598	0.5182	0.7036
loan	0.9274	0.0726	0.9223	0.8441	0.3497
localization10%	0.6820	0.0578	0.3882	0.5892	0.3722
lrs	0.8868	0.0323	0.6579	0.8418	0.0615
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9033	0.8050	0.4227
madelon	0.5615	0.4385	0.5615	0.1231	0.9599
magic04	0.8716	0.1284	0.8568	0.7080	0.4981
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8330	0.6636	0.5893
marketing	0.8884	0.1116	0.7386	0.4169	0.4831
maternal	0.6436	0.2376	0.6448	0.4512	0.5316
math	0.8000	0.1000	0.7750	0.6819	0.2514
mba	0.8371	0.1086	0.3858	0.0616	0.2871
mental-disorders	1.0000	0.0000	1.0000	1.0000	0.0000
mental-health	0.1967	0.3213	0.1338	-0.0122	0.5942
messidor	0.7217	0.2783	0.7220	0.4416	0.7856
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.7222	0.1389	0.6456	0.6137	0.1627
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9750	0.0050	0.9756	0.9722	0.0313
mfeat-fou	0.8400	0.0320	0.8430	0.8222	0.1424
mfeat-kar	0.9850	0.0030	0.9852	0.9833	0.0189

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mfeat-mor	0.7500	0.0500	0.7571	0.7222	0.1818
mfeat-pix	0.9900	0.0020	0.9902	0.9889	0.0125
mfeat-zer	0.8900	0.0220	0.8920	0.8778	0.1005
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5000	0.2000	0.4489	0.3745	0.3937
mobile	0.8427	0.0056	0.8554	0.8398	0.0734
monks-1	0.9636	0.0364	0.9636	0.9272	0.2103
monks-2	0.9016	0.0984	0.8896	0.7771	0.4287
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5194	0.0874	0.5266	0.4160	0.4945
musk	0.9788	0.0212	0.9598	0.9195	0.2226
MUT_ci300400a_cdk_ECFP2	0.8405	0.1595	0.8357	0.6714	0.5880
MUT_ci300400a_cdk_ECFP4	0.8599	0.1401	0.8559	0.7119	0.5441
MUT_ci300400a_cdk_ECFP6	0.8204	0.1796	0.8144	0.6284	0.6291
MUT_ci300400a_cdk_ESTATE	0.7818	0.2182	0.7732	0.5408	0.6893
MUT_ci300400a_cdk_EXTENDED	0.8261	0.1739	0.8208	0.6415	0.6187
MUT_ci300400a_cdk_FCFP2	0.8371	0.1629	0.8316	0.6628	0.5933
MUT_ci300400a_cdk_FCFP4	0.8309	0.1691	0.8254	0.6505	0.6075
MUT_ci300400a_cdk_FCFP6	0.8165	0.1835	0.8112	0.6223	0.6387
MUT_ci300400a_cdk_MACCS	0.8441	0.1559	0.8392	0.6782	0.5791
MUT_ci300400a_cdk_PUBCHEM	0.8719	0.1281	0.8676	0.7348	0.5105
MUT_ci300400a_cdk_STANDARD	0.8072	0.1928	0.8009	0.6016	0.6565
MUT_ci300400a_rdkit_descriptors	0.8158	0.1842	0.8105	0.6194	0.6337
myocardial	0.8765	0.0309	0.2785	0.3554	0.1020
naticusdroid	0.9704	0.0296	0.9705	0.9409	0.1785
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.1111	0.6061	0.6000	0.1254
ncRNA1%	0.8646	0.0143	0.2321	0.5433	0.1174
neo	0.9101	0.0899	0.6641	0.1876	0.3896
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9048	0.0952	0.7835	0.4615	0.2236
new3s-wc	0.8099	0.0086	0.7998	0.8037	0.1502
newspop	0.6597	0.3403	0.6570	0.3131	0.8691
NHANES_age_prediction	0.9956	0.0044	0.9917	0.9833	0.0224
nomao	0.9518	0.0482	0.9407	0.8814	0.2868
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	1.0000	0.0000	1.0000	1.0000	0.0000
obesity	0.9242	0.0217	0.9246	0.9115	0.0936
obs	0.9815	0.0093	0.9867	0.9725	0.0473
occupancy	0.9903	0.0097	0.9867	0.9730	0.1155
Occupancy_Estimation	0.9911	0.0044	0.9698	0.9730	0.0335
oh0-wc	0.8218	0.0356	0.7977	0.7952	0.1831
oh10-wc	0.6857	0.0629	0.6495	0.6420	0.2965
oh15-wc	0.6739	0.0652	0.6350	0.6305	0.3238
oh5-wc	0.8132	0.0374	0.8149	0.7890	0.1755
ohscal-wc	0.7634	0.0473	0.7523	0.7352	0.3136
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%	0.9133	0.0867	0.6321	0.1686	0.4806
optdigits	0.9698	0.0060	0.9704	0.9664	0.0441
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9170	0.0830	0.5522	0.0625	0.5602

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8505	0.1495	0.8319	0.6633	0.5818
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8972	0.7934	0.4389
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9122	0.0351	0.3933	0.2217	0.1430
parkinson	0.9750	0.0250	0.9741	0.9481	0.1542
parkinsons	0.8389	0.1611	0.8308	0.6610	0.5989
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle10%	0.9115	0.0885	0.8876	0.7700	0.3957
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5670	0.4330	0.4591	-0.0225	0.7420
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9342	0.0658	0.9100	0.8148	0.3131
pediatric-leukemia	0.8235	0.0504	0.8195	0.7809	0.1452
pendigits	0.9964	0.0007	0.9963	0.9960	0.0071
period	0.7778	0.2222	0.7568	0.4000	0.4011
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8017	0.1983	0.7850	0.5669	0.6676
pet-adoption	0.9350	0.0650	0.9263	0.8477	0.2815
phishing	0.9633	0.0367	0.9614	0.9225	0.2075
phone-acc0.1%	0.7841	0.0617	0.7634	0.7472	0.2146
phone-gyr0.1%	0.7968	0.0580	0.7833	0.7620	0.2385
phone-gyr1%	0.8687	0.0375	0.8602	0.8463	0.1746
phoneme	0.8778	0.1222	0.8456	0.6892	0.5263
phy	0.6942	0.3058	0.6942	0.3883	0.8284
pima	0.5789	0.4211	0.4518	-0.0375	0.8066
pirvision	0.9902	0.0065	0.9829	0.9689	0.0667
placement	0.7960	0.2040	0.7906	0.5813	0.6778
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5385	0.1318	0.1564	0.1179	0.3092
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6329	0.0822	0.2909
polya	0.7914	0.2086	0.7665	0.5267	0.6853
popularity	0.6600	0.2266	0.4520	0.1684	0.4506
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
postures	0.9881	0.0048	0.9881	0.9851	0.0350
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6913	0.3824	0.8319
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.3769	0.4270	0.2344
profb	0.7164	0.2836	0.6476	0.2629	0.7776
promoters	0.8000	0.2000	0.8077	0.5455	0.4011
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9819	0.0072	0.9743	0.9757	0.0475
pufs-641%	0.5079	0.4921	0.5079	0.0158	0.9955
pulsar	0.9800	0.0200	0.9381	0.8696	0.1056
raisin	0.9222	0.0778	0.9232	0.8444	0.3519
re0-wc	0.8200	0.0277	0.8057	0.7584	0.2405
re1-wc	0.7229	0.0222	0.5642	0.6818	0.2129
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9930	0.9858	0.0537
reuters21578	0.8807	0.0050	0.5086	0.8366	0.2019
rice	0.9885	0.0115	0.9884	0.9767	0.0812
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rocket	0.6589	0.3411	0.6382	0.2725	0.8738
satimage	0.9036	0.0321	0.8886	0.8805	0.1438
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9502	0.0498	0.8483	0.6725	0.3065
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6573	0.2353	0.7052
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9465	0.9291	0.0704
segmentation	0.8168	0.1832	0.7953	0.5840	0.6317
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8500	0.1500	0.4595	-0.0334	0.6428
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sensorless	0.9614	0.0070	0.9614	0.9575	0.0604
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8873	0.1127	0.7487	0.4444	0.4872
shuttle	0.9976	0.0007	0.7042	0.9932	0.0369
sick	0.9576	0.0424	0.7993	0.5368	0.2602
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin	0.9992	0.0008	0.9988	0.9976	0.0166
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6842	0.3158	0.6841	0.3596	0.8222
smoking	0.7721	0.2279	0.7514	0.5020	0.7294
soil_pollution	0.2233	0.3107	0.2188	0.0222	0.6485
solar-flare	0.7626	0.0791	0.6152	0.6941	0.1862
sonar	0.6000	0.4000	0.6000	0.2000	0.9288
soybean	0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection	0.9545	0.0455	0.8562	0.7100	0.4198
spambase	0.9022	0.0978	0.8973	0.7921	0.4145
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.6731	0.0242	0.4602	0.6531	0.1051
splice-EI	0.9590	0.0410	0.9498	0.8961	0.2881
splice-IE	0.9117	0.0883	0.8757	0.7509	0.4580
sport-articles	0.8100	0.1900	0.7917	0.5709	0.6237
squash-stored	0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored	0.8000	0.2000	0.8077	0.5455	0.4011
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8587	0.0942	0.8210	0.7687	0.2892
steel-b	0.8718	0.1282	0.7938	0.5801	0.5759
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8154	0.1846	0.7917	0.5792	0.6448
steel-p	0.9385	0.0615	0.7527	0.4290	0.3541

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stellar	0.9563	0.0291	0.9502	0.9214	0.1339
stock	0.8819	0.1181	0.7767	0.5222	0.5108
stockb	0.9295	0.0470	0.9330	0.8943	0.1406
streaming	0.9140	0.0860	0.9131	0.8262	0.3928
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6300	0.1480	0.2788	0.3680	0.3250
student-depression	0.8333	0.1667	0.8271	0.6527	0.5984
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4154	0.2338	0.1999	0.1524	0.4499
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.4579	0.1727	0.6264
susy1%	0.8026	0.1974	0.8018	0.5978	0.6427
tae	0.3333	0.4444	0.3467	0.0000	0.7349
telco-churn	0.9006	0.0994	0.8703	0.7398	0.4749
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.6752	0.3206	0.5013
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis10%	0.7985	0.2015	0.7016	0.3886	0.7156
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.8750	0.0500	0.7795	0.8049	0.0734
tox_171	0.8824	0.0588	0.9083	0.8440	0.0951
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.5910	0.1749	0.8373
trec11-wc	0.8780	0.0271	0.6931	0.8477	0.0688
trec12-wc	0.8387	0.0403	0.8719	0.8008	0.1028
trec21-wc	0.9091	0.0364	0.7373	0.8036	0.1656
trec23-wc	0.7143	0.0952	0.6601	0.6250	0.1979
trec31-wc	0.9677	0.0108	0.9613	0.9572	0.0639
trec41-wc	0.8182	0.0364	0.6073	0.7744	0.1911
trec45-wc	0.7246	0.0551	0.6791	0.6777	0.2428
tuandromd	0.9977	0.0023	0.9963	0.9927	0.0134
turkish	0.8500	0.0750	0.8675	0.8000	0.1700
tvnews1%	0.9231	0.0769	0.9169	0.8334	0.3669
tvnews10%	0.8959	0.1041	0.8870	0.7719	0.4418
ur3_cobotops_grip	0.9782	0.0218	0.7936	0.5202	0.2184
ur3_cobotops_stop	0.9673	0.0327	0.6947	0.2833	0.3328
urban	0.8209	0.0398	0.8308	0.7894	0.1388
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7262	0.1369	0.7080	0.6361	0.2136
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.8837	0.1163	0.8878	0.7681	0.4411
vowel	0.3838	0.1120	0.5234	0.3222	0.3092
vowelZ	0.9596	0.0404	0.8915	0.7778	0.4525
wap-wc	0.8205	0.0179	0.6501	0.7995	0.1208
warpar10p	1.0000	0.0000	1.0000	1.0000	0.0000
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.8193	0.0516	0.8159	0.7885	0.2282
watch-gyr1%	0.7770	0.0637	0.7745	0.7395	0.2837
water_pollution	0.2567	0.3717	0.2230	-0.0038	0.5024

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
waveform	0.8480	0.1013	0.8482	0.7720	0.3531
weather-related	0.9731	0.0049	0.9738	0.9695	0.0376
web-phishing	0.8370	0.1086	0.7481	0.7018	0.3948
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9876	0.0124	0.9342	0.8685	0.2770
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6226	0.1258	0.3035	0.3777	0.3513
winequality-white	0.6626	0.1125	0.4840	0.4723	0.4031
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.5338	0.1036	0.4021	0.3962	0.3756
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9505	0.0099	0.9484	0.9446	0.0857

Table 503: Detailed results for C5.0(R2)^{CV} Noise 5%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1679	0.0724	0.1127	0.0881	0.5680
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9178	0.0822	0.4786	-0.0379	0.6749
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9665	0.0335	0.9277	0.8485	0.1787
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8095	0.1905	0.6235	0.2313	0.7510
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8485	0.1010	0.3660	0.0625	0.6160
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9515	0.0485	0.7301	0.2736	0.1335
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red	0.7000	0.3000	0.6429	0.2857	0.8453
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
aids	0.8967	0.1033	0.8536	0.6876	0.3996
air_pollution	0.3567	0.1838	0.1424	0.0239	0.7344
alcohol	0.8000	0.0800	0.5092	0.5604	0.2789
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9581	0.0419	0.9541	0.9070	0.2164
anneal	0.9888	0.0045	0.9858	0.9759	0.0146
antivirus	0.9730	0.0270	0.9554	0.9068	0.0972
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9764	0.0118	0.9408	0.9546	0.0577
anuran-genus	0.9777	0.0056	0.9418	0.9633	0.0849
anuran-species	0.9833	0.0033	0.9667	0.9768	0.0469
anxiety	0.1250	0.1944	0.1273	0.0144	0.8042
apple-quality	0.8400	0.1600	0.8406	0.6800	0.5785
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6500	0.3500	0.6436	0.2857	0.8745
arrhythmia	0.8000	0.0400	0.6661	0.6913	0.2267
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.9545	0.0083	0.9658	0.9472	0.0278
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9064	0.8667	0.0861
avila	0.9981	0.0003	0.9971	0.9975	0.0074
babies	0.4355	0.1613	0.1402	0.0970	0.3740
balance	0.8710	0.0860	0.6061	0.7597	0.3208
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8986	0.1014	0.8892	0.7774	0.4426
basehock	0.9698	0.0302	0.9698	0.9397	0.1825
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8857	0.1143	0.8803	0.7600	0.4858
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7403	0.1299	0.7421	0.6537	0.3992
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.6786	0.3214	0.6210	0.2410	0.8562
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.8611	0.7800	0.1069
bridges	0.5000	0.1667	0.3000	0.2857	0.2883
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4920	0.3387	0.3238	0.0014	0.4077
car	0.9828	0.0086	0.9584	0.9632	0.1101
car-insurance	0.8570	0.1430	0.8318	0.6631	0.5762
card	0.8116	0.1884	0.8059	0.6115	0.6472
cardiotocography	0.8732	0.0254	0.8489	0.8486	0.1771
cardiotocography-nsp	0.9249	0.0501	0.8559	0.7848	0.2838
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8750	0.0833	0.8504	0.7720	0.2602
cas_N6512_cdk_ECFP2	0.7527	0.2473	0.7504	0.4998	0.7449
cas_N6512_rdkit_ATOMPAIR	0.7431	0.2569	0.7408	0.4810	0.7607
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.7896	0.2104	0.7890	0.5776	0.6839
cas_N6512_RDkit_Avalon_FP	0.7960	0.2040	0.7951	0.5901	0.6729
cas_N6512_rdkit_descriptors	0.7815	0.2185	0.7807	0.5613	0.6986
cas_N6512_rdkit_FEATMORGAN	0.7465	0.2535	0.7444	0.4886	0.7563
cas_N6512_RDkit_Featmorgan_FP	0.7316	0.2684	0.7320	0.4629	0.7747
cas_N6512_RDkit_FP	0.7393	0.2607	0.7377	0.4754	0.7676
cas_N6512_rdkit_LAYERED	0.8031	0.1969	0.8017	0.6034	0.6598
cas_N6512_RDkit_Layered_FP	0.7669	0.2331	0.7650	0.5296	0.7234
cas_N6512_rdkit_MACCS	0.7831	0.2169	0.7812	0.5619	0.6955
cas_N6512_RDkit_MACCS_FP	0.7673	0.2327	0.7666	0.5328	0.7224
cas_N6512_rdkit_MORGAN	0.7862	0.2138	0.7857	0.5647	0.6709
cas_N6512_RDkit_morgan_FP	0.7975	0.2025	0.7963	0.5927	0.6703
cas_N6512_rdkit_PATTERN	0.7677	0.2323	0.7680	0.5349	0.7190
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.7328	0.2672	0.7321	0.4639	0.7756
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9884	0.0116	0.9446	0.8828	0.3522
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9406	0.0297	0.9342	0.9116	0.1387
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chronic-kidney	0.9277	0.0723	0.6909	0.1332	0.1784
churn	0.8560	0.1440	0.7559	0.4960	0.6093

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn-bigml	0.9625	0.0375	0.9218	0.8359	0.1979
ci900367j_MACCS	0.6526	0.3474	0.6252	0.2498	0.8875
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.5305	0.5563	0.3219
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8315	0.0843	0.7062	0.7347	0.3624
climate	0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5918	0.2721	0.5743	0.3555	0.6462
cnae-9	0.9259	0.0165	0.9273	0.9167	0.0791
codon_usage	0.9279	0.0131	0.8039	0.9123	0.1162
coil20	0.9931	0.0007	0.9938	0.9927	0.0052
college	0.8961	0.1039	0.8659	0.7301	0.4781
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5517	0.4483	0.4647	-0.0680	0.9793
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.6207	0.3793	0.5909	0.1671	0.8893
colposcopies-4	0.7241	0.2759	0.6025	0.1831	0.8141
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7740	0.2260	0.7755	0.5485	0.7032
covtypeCD	0.9906	0.0094	0.9799	0.9597	0.1089
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.9410	0.0197	0.8614	0.8793	0.1622
cryotherapy	0.5556	0.4444	0.6667	0.1818	0.5283
cultivars	0.5938	0.0254	0.5398	0.5806	0.0791
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.2033	0.2656	0.2017	0.0428	0.8631
cyclopentane	0.7407	0.2593	0.7403	0.4793	0.7616
cylinder-bands	0.7778	0.2222	0.7728	0.5456	0.7094
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.8571	0.1429	0.8750	0.7200	0.4011
default	0.8263	0.1737	0.7128	0.3858	0.6261
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.2667	0.0857	0.4227
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7358	0.5455	0.3784
DIA	0.7833	0.2167	0.6927	0.3810	0.7550
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5686	0.2876	0.3641	0.1326	0.5046
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.6250	0.3750	0.7241	0.3333	0.5239

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dlbcl-nih	0.6250	0.3750	0.6009	0.1940	0.9002
dlbcl-stanford	0.6000	0.4000	0.5833	0.1667	0.9308
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5544	0.4456	0.5493	0.0966	0.9606
dropout	0.7698	0.1535	0.6955	0.6138	0.4642
drug-01	0.3511	0.1854	0.1845	0.0521	0.7314
drug-02	0.4628	0.1535	0.2540	0.1413	0.7875
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.4947	0.1444	0.1647	0.0464	0.6606
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3245	0.1930	0.2363	0.1775	0.6862
drug-07	0.4628	0.1791	0.1657	0.0799	0.3673
drug-08	0.5957	0.1155	0.2297	0.2242	0.3867
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5213	0.1368	0.2343	0.1547	0.5690
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5957	0.1155	0.1800	0.2053	0.4002
drug-14	0.5266	0.1353	0.2303	0.2323	0.7925
drug-15	0.7181	0.0805	0.1455	0.0683	0.6237
drug-16	0.5798	0.1401	0.3340	0.3160	0.5807
drug-17	0.3457	0.1869	0.1258	0.0787	0.4467
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9229	0.0220	0.9366	0.9067	0.1231
ecoli	0.8235	0.0588	0.6893	0.7521	0.1465
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.1300	0.4350	0.1282	-0.1586	0.9273
eeg-eye	0.9119	0.0881	0.9109	0.8212	0.3933
eeg10%	0.4112	0.0736	0.3782	0.3465	0.6269
eucalyptus	0.6027	0.1589	0.5906	0.4939	0.3811
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.8049	0.0230	0.7319	0.7779	0.1475
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6471	0.3529	0.6470	0.2524	0.7901
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.7500	0.0714	0.5799	0.6805	0.1756
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gastrointestinal	1.0000	0.0000	1.0000	1.0000	0.0000
gender	0.5768	0.2821	0.4631	0.0273	0.4855
gene	0.9274	0.0484	0.9164	0.8839	0.2068
german	0.7600	0.2400	0.7237	0.4189	0.6967
gestures	0.9307	0.0347	0.9309	0.9075	0.1619
gina	0.9481	0.0519	0.9482	0.8963	0.2717
glass	0.6667	0.1111	0.5280	0.5243	0.2681
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.8000	0.2000	0.7619	0.5238	0.7028
grub-damage	0.4667	0.2667	0.4747	0.2727	0.5169
gsalc	0.7778	0.0741	0.7358	0.7313	0.1003
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
har	0.9893	0.0043	0.9884	0.9865	0.0304
har701%	0.9168	0.0238	0.5550	0.8770	0.1371
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.7600	0.1200	0.2159	-0.0157	0.2902
heart	0.7778	0.2222	0.7699	0.5398	0.7121
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9000	0.1000	0.9000	0.7982	0.4212
heart-failure	0.9840	0.0160	0.9814	0.9626	0.1065
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6855	0.3145	0.6839	0.3678	0.8402
higher	0.2143	0.1964	0.2500	0.0610	0.3621
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9123	0.0877	0.8327	0.6544	0.4589
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.7222	0.1852	0.7084	0.5276	0.5104
hotel-reservartions	0.9041	0.0959	0.8900	0.7793	0.4382
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9810	0.0190	0.9406	0.8779	0.1578
hypothyroid	0.9894	0.0053	0.7333	0.9384	0.0999
hypothyroidT	0.9947	0.0053	0.9813	0.9626	0.1146
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.9740	0.0130	0.9745	0.9653	0.0544
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	0.4000	0.4000	0.1905	0.0000	0.4035
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8090	0.1910	0.6269	0.2166	0.7100
jvowels	0.9709	0.0065	0.9685	0.9670	0.0491
kc1	0.8389	0.1611	0.5687	0.0669	0.5823
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-numericdefect	0.7692	0.0923	0.3810	0.4265	0.1384
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8462	0.1538	0.7552	0.5059	0.6528
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8839	0.0774	0.8434	0.8081	0.2187
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.8602	0.0155	0.8377	0.8441	0.2283
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.8603	0.0466	0.8288	0.8232	0.2240
la2s-wc	0.8676	0.0442	0.8585	0.8320	0.1985
labor	0.8333	0.1667	0.8537	0.6667	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leaf	0.6765	0.0281	0.6493	0.6603	0.0930
led24	0.7500	0.0556	0.7778	0.7175	0.1412
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9515	0.0037	0.9515	0.9495	0.0594
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.7143	0.2857	0.7742	0.4615	0.5000
libra	0.8056	0.0259	0.7808	0.7917	0.0591
linkage1%	0.9993	0.0007	0.9522	0.9044	0.2113
liver	0.5882	0.4118	0.5296	0.0593	0.9390
loan	0.9859	0.0141	0.9850	0.9701	0.1050
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8868	0.0323	0.7823	0.8458	0.0892
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.6250	0.1500	0.5455	0.5294	0.1732
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	0.9444	0.0556	0.8960	0.7692	0.1598
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.7731	0.2269	0.7749	0.5462	0.7016
magic04	0.8695	0.1305	0.8552	0.7094	0.5279
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8261	0.6402	0.5767
marketing	0.8839	0.1161	0.7254	0.3621	0.4447
maternal	0.8218	0.1188	0.8275	0.7293	0.3667
math	0.8750	0.0625	0.8568	0.8079	0.1944
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2267	0.3093	0.2286	0.0327	0.8550
messidor	0.6522	0.3478	0.6518	0.3020	0.8713
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	0.6667	0.2222	0.7083	0.4808	0.3197
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.9600	0.0080	0.9602	0.9556	0.0478
mfeat-fou	0.8250	0.0350	0.8219	0.8056	0.1545
mfeat-kar	0.9450	0.0110	0.9454	0.9389	0.0696
mfeat-mor	0.7300	0.0540	0.7306	0.7000	0.1857
mfeat-pix	0.9400	0.0120	0.9421	0.9333	0.0724
mfeat-zer	0.7550	0.0490	0.7576	0.7278	0.1810
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6471	0.1412	0.6303	0.5551	0.3583
mobile	0.8881	0.0040	0.8942	0.8861	0.0523
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8852	0.1148	0.8724	0.7306	0.4108
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9975	0.0025	0.9975	0.9951	0.0219
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9727	0.0273	0.9466	0.8922	0.2094
MUT_ci300400a_cdk_ECFP2	0.7950	0.2050	0.7881	0.5758	0.6792
MUT_ci300400a_cdk_ECFP4	0.7988	0.2012	0.7913	0.5810	0.6684
MUT_ci300400a_cdk_ECFP6	0.7784	0.2216	0.7709	0.5411	0.7083

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ESTATE	0.7638	0.2362	0.7548	0.5081	0.7313
MUT_ci300400a_cdk_EXTENDED	0.8285	0.1715	0.8228	0.6450	0.6117
MUT_ci300400a_cdk_FCFP2	0.7952	0.2048	0.7873	0.5712	0.6702
MUT_ci300400a_cdk_FCFP4	0.7806	0.2194	0.7741	0.5482	0.7058
MUT_ci300400a_cdk_FCFP6	0.7866	0.2134	0.7798	0.5593	0.6950
MUT_ci300400a_cdk_MACCS	0.8022	0.1978	0.7962	0.5923	0.6666
MUT_ci300400a_cdk_PUBCHEM	0.8252	0.1749	0.8189	0.6365	0.6161
MUT_ci300400a_rdkit_descriptors	0.8534	0.1466	0.8504	0.7008	0.5581
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9729	0.0271	0.9729	0.9457	0.1682
NCI60	0.3333	0.2222	0.3333	0.2000	0.2322
nci9	0.3333	0.2222	0.3333	0.2000	0.2651
ncRNA1%	0.9109	0.0094	0.4991	0.7507	0.4287
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5000	0.3333	0.3236	0.0099	0.5564
nursery	0.9961	0.0019	0.9970	0.9943	0.0125
obesity	0.9621	0.0108	0.9625	0.9557	0.0551
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9912	0.0088	0.9879	0.9756	0.1032
Occupancy_Estimation	0.9882	0.0059	0.9632	0.9641	0.0570
oh0-wc	0.9406	0.0119	0.9507	0.9322	0.0616
oh10-wc	0.7524	0.0495	0.7423	0.7177	0.2309
oh15-wc	0.8696	0.0261	0.8676	0.8516	0.1210
oh5-wc	0.7802	0.0440	0.8039	0.7512	0.1868
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9385	0.9343	0.0333
optdigits	0.9537	0.0093	0.9560	0.9486	0.0612
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9250	0.0037	0.9059	0.9231	0.0126
orlraws10P	0.7000	0.0600	0.6160	0.6667	0.0760
ovarian-cancer	0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6573	0.2258	0.4618
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8113	0.6225	0.6300
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9141	0.8256	0.3826
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9817	0.0073	0.8762	0.8952	0.1429
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9336	0.0664	0.9296	0.8563	0.2999
parkinsons-small	0.7895	0.2105	0.7286	0.4571	0.7363
particle10%	0.9246	0.0754	0.9064	0.8127	0.3972
pasture	0.5000	0.3333	0.2222	0.0000	0.3770
pc1	0.9099	0.0901	0.5693	0.1246	0.6636
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.9211	0.0789	0.8947	0.7895	0.4273
pediatric-leukemia	0.7941	0.0588	0.7972	0.7505	0.1631
pendigits	0.9864	0.0027	0.9860	0.9848	0.0243
period	0.5556	0.4444	0.5000	0.0000	0.9591
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
persistency	0.8280	0.1720	0.8136	0.6224	0.6065
pet-adoption	0.9350	0.0650	0.9258	0.8501	0.3194
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
phone-acc0.1%	0.9089	0.0260	0.9026	0.8935	0.1158

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phone-gyr0.1%	0.9146	0.0244	0.9072	0.9001	0.1080
phoneme	0.8796	0.1204	0.8510	0.7018	0.5340
pima	0.6842	0.3158	0.6565	0.2985	0.8279
pirvision	0.9941	0.0039	0.9894	0.9815	0.0625
placement	0.8000	0.2000	0.7934	0.5860	0.6679
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5551	0.1271	0.1616	0.1577	0.3182
polish-1st	0.9587	0.0413	0.4895	-0.0053	0.3773
polish-2nd	0.9666	0.0334	0.7256	0.2532	0.1004
polish-3rd	0.9486	0.0514	0.4868	-0.0071	0.4090
polish-4th	0.9551	0.0449	0.7137	0.3180	0.3224
polish-5th	0.9594	0.0406	0.8195	0.6053	0.3147
polya	0.7924	0.2076	0.7714	0.5422	0.6965
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.7072	0.3824	0.7477
prestige	0.7778	0.1481	0.7438	0.6471	0.2522
primary-tumor	0.3939	0.0932	0.2979	0.3118	0.3173
profb	0.6866	0.3134	0.6250	0.2456	0.8615
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9831	0.0068	0.9704	0.9773	0.0453
pulsar	0.9792	0.0208	0.9356	0.8672	0.1717
raisin	0.9333	0.0667	0.9333	0.8667	0.3271
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.8193	0.0145	0.6788	0.7941	0.1588
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9835	0.0165	0.9834	0.9666	0.1060
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6139	0.3861	0.5827	0.1578	0.9123
satimage	0.8989	0.0337	0.8831	0.8753	0.1663
satimageF	0.9907	0.0093	0.9760	0.9519	0.1413
satimageT	0.9456	0.0544	0.8319	0.6328	0.3197
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5294	0.4706	0.5303	0.0588	0.9712
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9740	0.0074	0.9776	0.9696	0.0338
segmentation	0.8317	0.1683	0.8191	0.6376	0.6200
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-4-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8986	0.1014	0.7881	0.5674	0.5491
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9761	0.0239	0.8957	0.7784	0.1990
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9996	0.0004	0.9994	0.9988	0.0098
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2800	0.3600	0.2900	0.0323	0.6361
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
soil_pollution	0.2033	0.3187	0.2027	0.0036	0.8751
solar-flare	0.7626	0.0791	0.6059	0.6963	0.2326
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9559	0.0046	0.9674	0.9516	0.0223
spam-detection	0.9510	0.0490	0.8399	0.6714	0.4087
spambase	0.9478	0.0522	0.9453	0.8905	0.2767
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer	0.6731	0.0242	0.5310	0.6539	0.0959
splice-EI	0.9779	0.0221	0.9712	0.9422	0.1877
splice-IE	0.9369	0.0631	0.9135	0.8269	0.3814
sport-articles	0.8400	0.1600	0.8268	0.6529	0.5962
squash-stored	0.8000	0.1333	0.8333	0.7059	0.1585
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9098	0.0601	0.8859	0.8534	0.2178
steel-b	0.8513	0.1487	0.7703	0.5398	0.6486
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8513	0.1487	0.8330	0.6622	0.5626
steel-p	0.9333	0.0667	0.7482	0.4840	0.5404
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9744	0.0256	0.9290	0.8576	0.3271
stock	0.9653	0.0347	0.9402	0.8731	0.1160
stockb	0.9868	0.0088	0.9868	0.9802	0.0432
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.6300	0.1480	0.3520	0.4073	0.4327
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.3000	0.2800	0.1719	-0.0531	0.7080
student-weekend	0.4308	0.2277	0.3851	0.2336	0.6617
student-workday	0.6875	0.1250	0.1630	-0.0191	0.3344
studentap	0.3077	0.4615	0.2327	-0.1250	0.6562
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.9105	0.0895	0.8834	0.7662	0.4431
texture	0.9782	0.0040	0.9798	0.9759	0.0317
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9579	0.0421	0.9541	0.9072	0.2588
tis10%	0.8881	0.1119	0.8417	0.6604	0.4201
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.6250	0.1500	0.2894	0.4146	0.1775
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
transfusion	0.6800	0.3200	0.5934	0.1848	0.8446
trec11-wc	0.8049	0.0434	0.6611	0.7599	0.1536
trec12-wc	0.8065	0.0484	0.8058	0.7675	0.1185
trec21-wc	0.8182	0.0727	0.6497	0.6489	0.3276
trec23-wc	0.9524	0.0159	0.9480	0.9352	0.0757
trec31-wc	0.9570	0.0143	0.9240	0.9427	0.0687
trec41-wc	0.9205	0.0159	0.8262	0.9042	0.1520
trec45-wc	0.8986	0.0203	0.8683	0.8818	0.0871
tuandromd	0.9886	0.0114	0.9817	0.9634	0.1091
turkish	0.7500	0.1250	0.7575	0.6667	0.3406
tvnews1%	0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%	0.9013	0.0987	0.8952	0.7898	0.4460
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8657	0.0299	0.8576	0.8426	0.1373
urinalysis	0.9580	0.0420	0.7607	0.4806	0.4042
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7262	0.1369	0.7047	0.6354	0.2326
vehicleVAN	0.9881	0.0119	0.9846	0.9688	0.1262
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5455	0.0826	0.5887	0.5000	0.2910
vowelZ	0.9697	0.0303	0.9024	0.7843	0.0972
wap-wc	0.7308	0.0269	0.5945	0.6986	0.1920
warpar10p	0.6923	0.0615	0.7082	0.6556	0.1001
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9802	0.0056	0.9799	0.9769	0.0405
watch-gyr1%	0.9816	0.0053	0.9814	0.9785	0.0387
water_pollution	0.2200	0.3900	0.2191	-0.0398	0.8806
waveform	0.8200	0.1200	0.8201	0.7300	0.3986
weather-related	0.9712	0.0052	0.9697	0.9673	0.0446
web-phishing	0.8519	0.0988	0.7610	0.7349	0.4191
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9900	0.0050	0.9901	0.9867	0.0255
wilt	0.9772	0.0228	0.8693	0.7324	0.3274
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6604	0.1132	0.3252	0.4619	0.5328
winequality-white	0.6462	0.1179	0.4492	0.4658	0.5223
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.6875	0.0417	0.5994	0.6639	0.0787
yeast	0.5811	0.0931	0.4394	0.4618	0.3914
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 504: Detailed results for CALIFOREST(ova) Noise 5%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9831	0.0169	0.6617	0.1778	0.2587
accident	0.7000	0.3000	0.7521	0.4000	0.4882
ads	0.9756	0.0244	0.9482	0.8950	0.1934
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
aids	0.8920	0.1080	0.8473	0.6892	0.4885
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8286	0.0686	0.6520	0.5958	0.2117
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9535	0.0465	0.9491	0.8964	0.2299
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9764	0.0118	0.9384	0.9547	0.0553
anuran-genus	0.9833	0.0042	0.9492	0.9725	0.0638
anuran-species	0.9847	0.0031	0.9684	0.9787	0.0370
anxiety	0.1583	0.1870	0.1139	0.0470	0.6262
apple-quality	0.8725	0.1275	0.8736	0.7450	0.4970
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9500	0.0200	0.9520	0.9340	0.0427
avila	0.9554	0.0074	0.9782	0.9419	0.0682
babies	0.4597	0.1544	0.1505	0.1448	0.4438
balance	0.9032	0.0645	0.6228	0.8178	0.1771
bank	0.9097	0.0903	0.7507	0.4940	0.5826
banknote	0.9781	0.0219	0.9784	0.9559	0.1291
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9032	0.0968	0.8942	0.7851	0.4105
basehock	0.9950	0.0050	0.9950	0.9899	0.0381

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8952	0.1048	0.8885	0.7768	0.4558
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9863	0.0039	0.2847	0.0900	0.1285
body-perf	0.7306	0.1347	0.7320	0.6408	0.4088
brain-tumor	0.5100	0.4900	0.5102	0.0203	0.9926
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.7273	0.2727	0.7333	0.4590	0.7617
breast-tissue	0.6364	0.1212	0.5969	0.5600	0.1943
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9655	0.0172	0.9373	0.9278	0.1537
car-insurance	0.8400	0.1600	0.8110	0.6214	0.6149
card	0.8986	0.1014	0.8960	0.7888	0.4180
cardiotocography	0.8826	0.0235	0.8709	0.8595	0.1503
cardiotocography-nsp	0.9390	0.0407	0.8878	0.8217	0.2049
cardiovascular	0.7365	0.2635	0.7373	0.4730	0.7662
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.6638	0.5829	0.4631
cas_N6512_cdk_ECFP2	0.7220	0.2780	0.7233	0.4447	0.7857
cas_N6512_rdkit_ATOMPAIR	0.7462	0.2538	0.7440	0.4877	0.7566
cas_N6512_RDkit_AtomPair_FP	0.7500	0.2500	0.7490	0.4979	0.7507
cas_N6512_rdkit_AVALON	0.7757	0.2243	0.7772	0.5519	0.7017
cas_N6512_RDkit_Avalon_FP	0.7791	0.2209	0.7853	0.5617	0.6751
cas_N6512_rdkit_descriptors	0.7908	0.2092	0.7911	0.5810	0.6792
cas_N6512_rdkit_FEATMORGAN	0.7266	0.2734	0.7239	0.4463	0.7835
cas_N6512_RDkit_Featmorgan_FP	0.7561	0.2439	0.7544	0.5088	0.7416
cas_N6512_RDkit_FP	0.7791	0.2209	0.7774	0.5544	0.7025
cas_N6512_rdkit_LAYERED	0.7831	0.2169	0.7837	0.5659	0.6919
cas_N6512_RDkit_Layered_FP	0.7561	0.2439	0.7541	0.5076	0.7405
cas_N6512_rdkit_MACCS	0.7877	0.2123	0.7859	0.5699	0.6831
cas_N6512_RDkit_MACCS_FP	0.7874	0.2126	0.7888	0.5751	0.6811
cas_N6512_rdkit_MORGAN	0.7769	0.2231	0.7751	0.5494	0.7053
cas_N6512_RDkit_morgan_FP	0.7546	0.2454	0.7546	0.5084	0.7412
cas_N6512_rdkit_PATTERN	0.7815	0.2185	0.7799	0.5596	0.6988
cas_N6512_RDkit_pattern_FP	0.7730	0.2270	0.7716	0.5431	0.7139
cas_N6512_rdkit_RDKITFP	0.7773	0.2227	0.7775	0.5540	0.7034
cas_N6512_rdkit_TORSION	0.7391	0.2609	0.7397	0.4780	0.7629
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7876	0.2124	0.7715	0.5422	0.7035
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8211	0.5667	0.0839
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.6122	0.0986	0.3549
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.6408	0.2229	0.5285
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.6708	0.3120	0.5355
cervical-S	0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia	0.9391	0.0304	0.9201	0.9092	0.1380
chrom191%	0.9994	0.0006	0.9090	0.7997	0.4644
chronic-kidney	0.9458	0.0542	0.7819	0.4503	0.1466
churn	0.8530	0.1470	0.7492	0.4801	0.6127
churn-bigml	0.9663	0.0337	0.9299	0.8540	0.1878
ci900367j_MACCS	0.7158	0.2842	0.6910	0.3794	0.8107
circles	0.9940	0.0001	0.9944	0.9939	0.0030
cirrhosis	0.6905	0.2063	0.4632	0.3531	0.4284

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cjs	0.9964	0.0012	0.9951	0.9956	0.0076
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8315	0.0843	0.7432	0.7360	0.3350
climate	0.9074	0.0926	0.6207	0.2373	0.6671
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5306	0.3129	0.5101	0.2605	0.7061
cnae-9	0.9815	0.0041	0.9818	0.9792	0.0209
codon_usage	0.9171	0.0151	0.7754	0.8989	0.1157
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9172	0.8338	0.3516
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.6748	0.2883	0.6939
colposcopies-2	0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3	0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4	0.7586	0.2414	0.6544	0.2509	0.6936
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c	0.8621	0.1379	0.7985	0.5827	0.5556
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.7742	0.1505	0.7022	0.6246	0.3023
connect-4	0.9858	0.0095	0.6997	0.5916	0.1827
cottonmeloidogyne	0.7764	0.2236	0.7765	0.5529	0.7066
covtypeCD	0.9801	0.0199	0.9573	0.9144	0.1947
crabs	0.9000	0.0500	0.9000	0.8667	0.1285
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9475	0.0175	0.8722	0.8918	0.1523
cryotherapy	0.5556	0.4444	0.6667	0.1818	0.5283
customer-churn	0.9844	0.0156	0.7719	0.5227	0.4022
cybersecurity	0.1600	0.2800	0.1510	-0.0190	0.6500
cyclopentane	0.7037	0.2963	0.7072	0.4098	0.8027
cylinder-bands	0.8148	0.1852	0.8183	0.6296	0.6181
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8287	0.1713	0.7225	0.4240	0.6567
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.3750	0.4167	0.4403	0.1304	0.4947
dexter	0.9500	0.0500	0.9523	0.9000	0.2092
df_final	0.8750	0.0833	0.8786	0.8072	0.1999
DIA	0.9000	0.1000	0.8649	0.6923	0.2500
diabetes	0.9808	0.0192	0.9799	0.9590	0.0927
diabetes-risk	0.9203	0.0797	0.8746	0.7469	0.4321
diabetic1%	0.6078	0.2614	0.4043	0.1906	0.3955
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.6250	0.3750	0.3846	-0.2000	0.9438
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698
dota210%	0.5709	0.4291	0.5657	0.1236	0.9306
dropout	0.7698	0.1535	0.6926	0.6081	0.4530
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-03	0.6915	0.1028	0.1367	0.0099	0.2103
drug-04	0.5319	0.1337	0.1239	0.0314	0.3386
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4468	0.1581	0.2633	0.2863	0.4372
drug-07	0.4202	0.1933	0.1354	-0.0057	0.3589
drug-08	0.5585	0.1261	0.1708	0.0526	0.3222
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5479	0.1292	0.1476	0.1379	0.3623
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6064	0.1125	0.1681	0.1966	0.3385
drug-14	0.6223	0.1079	0.2500	0.3388	0.3712
drug-15	0.7553	0.0699	0.1233	0.0103	0.2903
drug-16	0.6064	0.1312	0.2967	0.3178	0.3722
drug-17	0.4043	0.1702	0.1980	0.1645	0.4408
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9221	0.0223	0.9344	0.9058	0.1246
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2300	0.3850	0.2141	-0.0253	0.7710
eeg-eye	0.8558	0.1442	0.8543	0.7062	0.5383
eeg10%	0.4467	0.0692	0.4344	0.3832	0.5138
eucalyptus	0.6164	0.1534	0.5917	0.4970	0.3581
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
fakenews	0.5050	0.4950	0.5014	0.0005	0.6565
farm-ads	0.8913	0.1087	0.8918	0.7802	0.4379
fbis-wc	0.8659	0.0158	0.8036	0.8473	0.0817
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7059	0.2941	0.7010	0.3991	0.8103
financial-risk	0.8645	0.0452	0.6596	0.7815	0.2371
forest	0.9038	0.0481	0.8919	0.8667	0.1055
gastrointestinal	0.6875	0.2083	0.7106	0.4904	0.3286
gender	0.6126	0.2582	0.4801	0.1610	0.5224
gene	0.9369	0.0421	0.9287	0.8988	0.1923
german	0.7300	0.2700	0.6856	0.3510	0.7685
gestures	0.9349	0.0325	0.9350	0.9132	0.1536
gina	0.9510	0.0490	0.9510	0.9020	0.2620
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP	0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.9000	0.1000	0.9010	0.7826	0.4011
grub-damage	0.5333	0.2333	0.5749	0.3787	0.4414
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
har	0.9852	0.0059	0.9842	0.9813	0.0375
har701%	0.9146	0.0244	0.5382	0.8736	0.1095
harth1%	0.8675	0.0221	0.5568	0.8185	0.1758

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.9860	0.0140	0.9838	0.9671	0.0670
heart-quantum	0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6873	0.3127	0.6859	0.3717	0.8379
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.7812	0.2188	0.7818	0.5625	0.6957
hiv1-proteasa	0.8836	0.1164	0.7681	0.5091	0.5328
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6944	0.2037	0.6559	0.4253	0.4111
hotel-reservartions	0.8897	0.1103	0.8734	0.7461	0.4812
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9771	0.0229	0.9283	0.8540	0.2246
hypothyroid	0.9947	0.0027	0.7387	0.9684	0.0764
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9753	0.0123	0.9760	0.9671	0.0501
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9178	0.0063	0.9201	0.9146	0.0707
jm1	0.8182	0.1818	0.6449	0.1203	0.4494
jvowels	0.9719	0.0062	0.9687	0.9681	0.0458
kc1	0.8720	0.1280	0.7097	0.3228	0.4646
kc1-class-level-defectiveornot	0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.7118	0.4235	0.7319
kdc-4007	0.8454	0.0442	0.8465	0.8195	0.2450
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8849	0.0767	0.8435	0.8103	0.2125
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7340	0.0295	0.7940	0.7025	0.2712
krvskp	0.9843	0.0157	0.9844	0.9686	0.1069
la1s-wc	0.8698	0.0434	0.8519	0.8349	0.1989
la2s-wc	0.8709	0.0430	0.8603	0.8358	0.2019
labor	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9475	0.0040	0.9474	0.9454	0.0612
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8611	0.0185	0.8696	0.8511	0.0418
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.7059	0.2941	0.6640	0.3281	0.8338
loan	0.9906	0.0094	0.9901	0.9800	0.0527
localization10%	0.6432	0.0649	0.3746	0.5371	0.4271
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
machine-failure	0.9043	0.0957	0.9033	0.8050	0.4227
madelon	0.7423	0.2577	0.7424	0.4846	0.7615

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
magic04	0.8743	0.1257	0.8599	0.7133	0.4860
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8334	0.6662	0.5966
marketing	0.8929	0.1071	0.7543	0.4112	0.3595
maternal	0.8218	0.1188	0.8294	0.7280	0.3630
math	0.8500	0.0750	0.8115	0.7665	0.2296
mba	0.8290	0.1140	0.3839	0.1019	0.3585
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2200	0.3120	0.2073	0.0180	0.5667
messidor	0.7130	0.2870	0.7088	0.4175	0.8062
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac	0.9700	0.0060	0.9702	0.9667	0.0379
mfeat-fou	0.8100	0.0380	0.8132	0.7889	0.1421
mfeat-kar	0.9700	0.0060	0.9710	0.9667	0.0374
mfeat-mor	0.7000	0.0600	0.6971	0.6667	0.2065
mfeat-pix	0.9750	0.0050	0.9755	0.9722	0.0313
mfeat-zer	0.7850	0.0430	0.7830	0.7611	0.1605
mice-prot	0.9907	0.0023	0.9916	0.9894	0.0113
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5661	0.4860	0.3623
mobile	0.9266	0.0026	0.9338	0.9252	0.0342
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9180	0.0820	0.9087	0.8121	0.3464
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5250	0.0864	0.5544	0.4279	0.4987
musk	0.9561	0.0439	0.9120	0.8164	0.2417
MUT_ci300400a_cdk_ECFP2	0.7734	0.2266	0.7681	0.5361	0.7170
MUT_ci300400a_cdk_ECFP4	0.7784	0.2216	0.7706	0.5407	0.7085
MUT_ci300400a_cdk_ECFP6	0.7521	0.2479	0.7462	0.4923	0.7515
MUT_ci300400a_cdk_ESTATE	0.7506	0.2494	0.7436	0.4872	0.7548
MUT_ci300400a_cdk_EXTENDED	0.8165	0.1835	0.8100	0.6189	0.6345
MUT_ci300400a_cdk_FCFP2	0.7533	0.2467	0.7474	0.4946	0.7496
MUT_ci300400a_cdk_FCFP4	0.7362	0.2638	0.7276	0.4549	0.7768
MUT_ci300400a_cdk_FCFP6	0.7626	0.2374	0.7552	0.5102	0.7360
MUT_ci300400a_cdk_MACCS	0.8153	0.1847	0.8106	0.6212	0.6410
MUT_ci300400a_cdk_PUBCHEM	0.8275	0.1725	0.8214	0.6411	0.6102
MUT_ci300400a_rdkit_descriptors	0.8409	0.1591	0.8379	0.6757	0.5862
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9677	0.0323	0.9677	0.9354	0.1912
ncRNA1%	0.9155	0.0089	0.5150	0.7590	0.2927
neo	0.9139	0.0861	0.6864	0.2586	0.4105
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9576	0.0424	0.9482	0.8964	0.2688
NPHA-doctor-visits	0.5000	0.3333	0.2222	-0.0443	0.5028
nursery	0.9769	0.0116	0.9608	0.9660	0.0476
obesity	0.9289	0.0203	0.9282	0.9169	0.0983
obs	0.9815	0.0093	0.9872	0.9727	0.0458
occupancy	0.9927	0.0073	0.9898	0.9796	0.0886
Occupancy_Estimation	0.9941	0.0030	0.9783	0.9819	0.0134
oh0-wc	0.9604	0.0079	0.9627	0.9548	0.0413
oh10-wc	0.7810	0.0438	0.7688	0.7504	0.2177

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
oh15-wc	0.9130	0.0174	0.9111	0.9012	0.0833
oh5-wc	0.9121	0.0176	0.9154	0.9008	0.0796
ohscal-wc	0.7903	0.0419	0.7766	0.7652	0.2795
olive	0.9298	0.0156	0.9093	0.9124	0.0481
optdigits	0.9644	0.0071	0.9664	0.9604	0.0513
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9170	0.0830	0.6464	0.2808	0.6346
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8660	0.1340	0.8564	0.7100	0.5430
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.9014	0.7947	0.4011
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9854	0.0059	0.8934	0.9162	0.1076
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9052	0.0948	0.8990	0.7936	0.3941
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.9146	0.0854	0.8936	0.7870	0.4290
pc1	0.9009	0.0991	0.5548	0.1042	0.6873
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8727	0.7308	0.3702
pediatric-leukemia	0.8235	0.0504	0.7646	0.7821	0.1427
pendigits	0.9936	0.0013	0.9939	0.9929	0.0113
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.8367	0.1633	0.8247	0.6489	0.6027
pet-adoption	0.9400	0.0600	0.9316	0.8611	0.2903
phishing	0.9633	0.0367	0.9615	0.9222	0.1956
phone-acc0.1%	0.8461	0.0440	0.8357	0.8200	0.1586
phone-gyr0.1%	0.8751	0.0357	0.8671	0.8538	0.1626
phoneme	0.8963	0.1037	0.8734	0.7466	0.4911
pima	0.7237	0.2763	0.7042	0.3746	0.7278
pirvision	0.9941	0.0039	0.9881	0.9815	0.0582
placement	0.7880	0.2120	0.7811	0.5614	0.6907
plant-growth	0.5789	0.4211	0.5748	0.1461	0.9386
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5756	0.1213	0.1676	0.1906	0.2939
polish-1st	0.9701	0.0299	0.7478	0.4204	0.3132
polish-2nd	0.9597	0.0403	0.6257	0.1822	0.4660
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9592	0.0408	0.7520	0.4554	0.3937
polish-5th	0.9577	0.0423	0.8116	0.5946	0.3553
polya	0.7805	0.2195	0.7574	0.5137	0.7171
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.7353	0.2647	0.7369	0.4706	0.7633
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
profb	0.7463	0.2537	0.7001	0.3034	0.5811
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio10%	0.9867	0.0053	0.9783	0.9822	0.0373
pulsar	0.9848	0.0152	0.9536	0.9057	0.1524
raisin	0.9111	0.0889	0.9111	0.8222	0.3993
re0-wc	0.8733	0.0195	0.8788	0.8299	0.1280
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
rice	0.9868	0.0132	0.9867	0.9733	0.0942
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
rocket	0.7054	0.2946	0.6970	0.3937	0.8179
satimage	0.8989	0.0337	0.8836	0.8749	0.1602
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9425	0.0575	0.8217	0.6182	0.3738
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5588	0.4412	0.5648	0.1176	0.9174
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9524	0.0136	0.9579	0.9443	0.0633
segmentation	0.8366	0.1634	0.8283	0.6536	0.6030
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-2-gram	0.8763	0.1237	0.6559	0.1245	0.3621
sens-3-gram	0.8763	0.1237	0.6559	0.1245	0.3621
sens-4-gram	0.8711	0.1289	0.6270	0.1776	0.5710
sens-5-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sens-6-gram	0.8658	0.1342	0.5807	0.0754	0.5299
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9059	0.0941	0.8058	0.6051	0.5283
shuttle	0.9998	0.0000	0.9879	0.9995	0.0136
sick	0.9788	0.0212	0.9084	0.7987	0.0728
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9984	0.0016	0.9975	0.9950	0.0278
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2200	0.3900	0.1940	-0.0529	0.7199
smk_can_187	0.6316	0.3684	0.6445	0.2400	0.7788
soil_pollution	0.2200	0.3120	0.2590	0.0200	0.6178
solar-flare	0.7410	0.0863	0.6206	0.6646	0.1936
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
spam-detection	0.9555	0.0445	0.8854	0.7631	0.4714
spambase	0.9391	0.0609	0.9363	0.8725	0.3126
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
splice-EI	0.9685	0.0315	0.9579	0.9157	0.2138
splice-IE	0.9211	0.0789	0.8875	0.7722	0.4024
sport-articles	0.8300	0.1700	0.8188	0.6374	0.6209
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	0.9892	0.0108	0.9885	0.9767	0.0905
steel_industry	0.8981	0.0679	0.8702	0.8342	0.2289
steel-b	0.8718	0.1282	0.7917	0.5718	0.5636
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8308	0.1692	0.8089	0.6045	0.5790
steel-p	0.9179	0.0821	0.6440	0.2387	0.5624
steel-s	0.9846	0.0154	0.8934	0.7617	0.0555
steel-z	0.9744	0.0256	0.9334	0.8638	0.3518
stock	0.8958	0.1042	0.8125	0.6194	0.5344
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9920	0.0080	0.9920	0.9838	0.0512
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.6400	0.1440	0.3552	0.4115	0.4175
student-depression	0.8330	0.1670	0.8271	0.6537	0.6031
student-habits	0.3700	0.2520	0.1695	0.0028	0.4681
student-weekend	0.4000	0.2400	0.2551	0.1143	0.5489
student-workday	0.7188	0.1125	0.2655	0.0777	0.2017

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
studentap	0.6154	0.2564	0.4923	0.3868	0.5022
susy1%	0.7948	0.2052	0.7936	0.5822	0.6603
tae	0.6000	0.2667	0.6000	0.4000	0.5251
telco-churn	0.9048	0.0952	0.8744	0.7452	0.4405
texture	0.9818	0.0033	0.9830	0.9800	0.0269
theorem	0.9853	0.0147	0.9850	0.9698	0.1082
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9648	0.0352	0.4910	-0.0114	0.5522
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis10%	0.8731	0.1269	0.8184	0.6151	0.4870
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
transfusion	0.6933	0.3067	0.5547	0.1085	0.8742
trec21-wc	1.0000	0.0000	1.0000	1.0000	0.0000
trec31-wc	0.9677	0.0108	0.9642	0.9571	0.0554
trec41-wc	0.9659	0.0068	0.9309	0.9584	0.0251
trec45-wc	0.9565	0.0087	0.9732	0.9491	0.0392
tuandromd	0.9863	0.0137	0.9787	0.9570	0.1606
turkish	0.7750	0.1125	0.7729	0.7000	0.2742
tvnews1%	0.9385	0.0615	0.9336	0.8667	0.3108
tvnews10%	0.8959	0.1041	0.8879	0.7757	0.4587
ur3_cobotops_grip	0.9782	0.0218	0.7965	0.4917	0.0722
ur3_cobotops_stop	0.9714	0.0286	0.7480	0.4209	0.3102
urban	0.8358	0.0365	0.8520	0.8075	0.1472
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7976	0.1012	0.7649	0.7269	0.2015
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9535	0.0465	0.9555	0.9071	0.2027
vowel	0.6667	0.0606	0.6923	0.6333	0.1950
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9311	0.0197	0.9293	0.9194	0.0991
watch-gyr1%	0.9289	0.0203	0.9269	0.9169	0.0939
water_pollution	0.2700	0.3650	0.2125	0.0142	0.4574
waveform	0.8460	0.1027	0.8462	0.7690	0.3569
weather-related	0.9692	0.0056	0.9723	0.9652	0.0478
web-phishing	0.8370	0.1086	0.7191	0.7080	0.4602
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9814	0.0186	0.9034	0.8065	0.3702
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6541	0.1153	0.3153	0.4394	0.4316
winequality-white	0.6421	0.1193	0.4289	0.4467	0.4583
wisc_bc	0.9474	0.0526	0.9478	0.8902	0.2605
yeast	0.6351	0.0811	0.4715	0.5260	0.3352
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9398	0.0120	0.9338	0.9325	0.0959

Table 505: Detailed results for ExtraTrees(SK) Noise 5%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1151	0.0769	0.1395	0.0708	0.7209
abalone19	0.9761	0.0239	0.4939	-0.0101	0.3896
abalone9-18	0.8082	0.1918	0.6039	0.1497	0.4837
accelerometer	0.9522	0.0478	0.7077	0.3309	0.4761
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.9756	0.0244	0.9482	0.8909	0.0862
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8571	0.1429	0.4615	-0.0728	0.7372
AID_1431_MACCSFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1878	0.8190	0.1810	0.6759	0.3495	0.7376
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.8889	0.0741	0.5978	0.2406	0.3505
AID1284Morered	0.7778	0.2222	0.6644	0.3043	0.6914
AID1284red	0.7778	0.2222	0.6644	0.3043	0.6914
AID1608Morered	0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red	0.8835	0.1165	0.4691	-0.0619	0.6551
AID362red	0.9486	0.0514	0.5416	0.0636	0.3967
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.5000	0.5000	0.4048	-0.1905	0.9701
AID644red	0.6000	0.4000	0.4724	-0.0526	0.9519
AID687red	0.9800	0.0200	0.4950	-0.0052	0.2154
AID688red	0.9757	0.0243	0.4939	-0.0116	0.4627
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9823	0.0177	0.5374	0.0167	0.0951
aids	0.8685	0.1315	0.8243	0.6484	0.5869
air_pollution	0.2700	0.2086	0.1612	-0.0086	0.8795
alcohol	0.8190	0.0724	0.6942	0.6227	0.3375
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8791	0.1209	0.8696	0.7385	0.5111
anneal	0.9101	0.0360	0.8511	0.8306	0.2994
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9736	0.0132	0.9344	0.9496	0.0968
anuran-genus	0.9666	0.0083	0.9195	0.9456	0.1599
anuran-species	0.9778	0.0044	0.9525	0.9691	0.0466
anxiety	0.0917	0.2019	0.0830	-0.0230	0.8532
apple-quality	0.8450	0.1550	0.8461	0.6900	0.5634
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia	0.7556	0.0489	0.6044	0.6096	0.3280
auction	0.9804	0.0196	0.9602	0.9173	0.2720
audiology	0.7727	0.0413	0.6158	0.7330	0.0927
audit-risk	0.9744	0.0256	0.9732	0.9465	0.1658
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9571	0.0429	0.9508	0.8968	0.2760
autism-child	0.8966	0.1034	0.8971	0.7924	0.4312
autos	0.8000	0.0800	0.7990	0.7386	0.2117
avila	0.9818	0.0030	0.9308	0.9764	0.1671
babies	0.1935	0.2304	0.1467	0.0332	0.7167
balance	0.8387	0.1075	0.6672	0.7207	0.3879
bank	0.8701	0.1299	0.7530	0.4846	0.6346
banknote	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8986	0.1014	0.8903	0.7710	0.3839
basehock	0.9950	0.0050	0.9950	0.9899	0.0381
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8857	0.1143	0.8823	0.7623	0.4811
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.8820	0.0337	0.2322	0.0709	0.3351
body-perf	0.7134	0.1433	0.7132	0.6179	0.4235
brain-tumor	0.5130	0.4870	0.5129	0.0259	0.9923
breast-cancer	0.6429	0.3571	0.5944	0.1860	0.8702
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.7000	0.1000	0.6073	0.5946	0.1749
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.3970	0.4020	0.2974	-0.0504	0.8272
car	0.9310	0.0345	0.8929	0.8608	0.3291
car-insurance	0.8270	0.1730	0.8104	0.6161	0.6322
card	0.9130	0.0870	0.9121	0.8181	0.3489
cardiotocography	0.8357	0.0329	0.8218	0.8063	0.2185
cardiotocography-nsp	0.8920	0.0720	0.8410	0.7325	0.4095
cardiovascular	0.7107	0.2893	0.7111	0.4213	0.8049
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.7094	0.6061	0.4765
cas_N6512_cdk_ECFP2	0.7512	0.2488	0.7513	0.5016	0.7461
cas_N6512_rdkit_ATOMPAIR	0.7662	0.2338	0.7673	0.5326	0.7189
cas_N6512_RDkit_AtomPair_FP	0.7807	0.2193	0.7797	0.5593	0.7004
cas_N6512_rdkit_AVALON	0.7972	0.2028	0.7977	0.5941	0.6666
cas_N6512_RDkit_Avalon_FP	0.8236	0.1764	0.8251	0.6476	0.6109
cas_N6512_rdkit_descriptors	0.7877	0.2123	0.7892	0.5759	0.6804
cas_N6512_rdkit_FEATMORGAN	0.7435	0.2565	0.7429	0.4854	0.7597
cas_N6512_RDkit_Featmorgan_FP	0.7715	0.2285	0.7709	0.5414	0.7153
cas_N6512_RDkit_FP	0.7822	0.2178	0.7821	0.5635	0.6957
cas_N6512_rdkit_LAYERED	0.8031	0.1969	0.8052	0.6070	0.6492
cas_N6512_RDkit_Layered_FP	0.7699	0.2301	0.7690	0.5378	0.7186
cas_N6512_rdkit_MACCS	0.7908	0.2092	0.7890	0.5778	0.6822
cas_N6512_RDkit_MACCS_FP	0.7812	0.2188	0.7835	0.5634	0.6888
cas_N6512_rdkit_MORGAN	0.8062	0.1938	0.8053	0.6106	0.6537
cas_N6512_RDkit_morgan_FP	0.7853	0.2147	0.7854	0.5698	0.6897
cas_N6512_rdkit_PATTERN	0.7908	0.2092	0.7918	0.5816	0.6767
cas_N6512_RDkit_pattern_FP	0.7730	0.2270	0.7737	0.5459	0.7090
cas_N6512_rdkit_RDKITFP	0.7803	0.2197	0.7798	0.5593	0.7001
cas_N6512_rdkit_TORSION	0.7625	0.2375	0.7634	0.5250	0.7257
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7668	0.2332	0.7770	0.5315	0.6681
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9532	0.0468	0.7383	0.4755	0.5847
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9202	0.0798	0.5936	0.1867	0.6373
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8767	0.7505	0.4614
cervical-C	0.8837	0.1163	0.6225	0.2280	0.6086
cervical-H	0.8953	0.1047	0.7730	0.4300	0.4858
cervical-S	0.9419	0.0581	0.8588	0.7051	0.5207
children-anemia	0.7679	0.1161	0.6871	0.6518	0.4642
chrom191%	0.9694	0.0306	0.6793	0.0693	0.0993
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8060	0.1940	0.7411	0.4720	0.6992

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn-bigml	0.8914	0.1086	0.8394	0.6501	0.5537
ci900367j_MACCS	0.7053	0.2947	0.7029	0.3998	0.7987
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6667	0.2222	0.4542	0.3333	0.6100
cjs	0.9964	0.0012	0.9959	0.9956	0.0106
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7954	0.1023	0.6939	0.6922	0.4556
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8600	0.1400	0.5740	0.1463	0.7265
cmc	0.5238	0.3175	0.5161	0.2788	0.7036
cnae-9	0.8889	0.0247	0.9007	0.8750	0.1039
codon_usage	0.9041	0.0174	0.7595	0.8834	0.1756
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	0.8800	0.0160	0.8365	0.8681	0.0615
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7586	0.2414	0.7271	0.4528	0.7574
colposcopies-2	0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.7931	0.2069	0.7237	0.4387	0.7155
colposcopies-5	0.8966	0.1034	0.8061	0.6063	0.5406
colposcopies-6	0.7241	0.2759	0.7428	0.4396	0.6621
colposcopies-c	0.8966	0.1034	0.8560	0.6692	0.2534
column-2c	0.8710	0.1290	0.8634	0.7195	0.5250
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
connect-4	0.9520	0.0320	0.6505	0.4451	0.4999
cottonmeloidogyne	0.7668	0.2332	0.7687	0.5341	0.7133
covtypeCD	0.9563	0.0437	0.9220	0.8344	0.3997
crabs	0.7500	0.1250	0.7588	0.6667	0.2301
creditcard_trans10%	0.9954	0.0046	0.7369	0.3793	0.4635
crowdsourced	0.9355	0.0215	0.8541	0.8704	0.2459
cryotherapy	0.7778	0.2222	0.7750	0.5500	0.7072
cultivars	0.6250	0.0234	0.5804	0.6129	0.0670
customer-churn	0.9086	0.0914	0.7109	0.2638	0.3752
cybersecurity	0.1733	0.2756	0.1732	0.0073	0.8803
cyclopentane	0.6667	0.3333	0.6657	0.3306	0.8586
cylinder-bands	0.6667	0.3333	0.6592	0.3184	0.8647
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.6923	0.3077	0.6977	0.2353	0.3900
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7953	0.2047	0.7207	0.4389	0.7319
defect	0.9414	0.0586	0.8875	0.7736	0.3908
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.7483	0.2517	0.5494	0.0987	0.8124
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.3750	0.4167	0.3488	0.0909	0.6495
dexter	0.8667	0.1333	0.8805	0.7333	0.3632
df_final	0.6875	0.2083	0.7526	0.5455	0.2458
DIA	0.8500	0.1500	0.7889	0.5714	0.6073
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-risk	0.8863	0.1137	0.8495	0.6884	0.5496
diabetic1%	0.4314	0.3791	0.3775	0.0650	0.7875
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dlbcl-nih	0.6250	0.3750	0.5966	0.1692	0.8621
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9391	0.0609	0.8171	0.6333	0.5103
dota210%	0.5825	0.4175	0.5805	0.1610	0.9441
dropout	0.7540	0.1640	0.7089	0.6045	0.4644
drug-01	0.2766	0.2067	0.2206	0.0638	0.8548
drug-02	0.4468	0.1581	0.3086	0.2644	0.7139
drug-03	0.5160	0.1613	0.2537	0.1706	0.6408
drug-04	0.4255	0.1641	0.2822	0.2079	0.7477
drug-05	0.5798	0.1201	0.1250	-0.0333	0.8934
drug-06	0.3670	0.1809	0.2760	0.2283	0.6423
drug-07	0.3777	0.2074	0.1902	0.0854	0.7945
drug-08	0.3989	0.1717	0.2383	0.1761	0.7527
drug-09	0.7500	0.0833	0.2431	0.2052	0.5365
drug-10	0.4734	0.1505	0.2670	0.2279	0.8044
drug-11	0.6543	0.0988	0.2000	0.1461	0.7650
drug-12	0.5957	0.1348	0.2347	0.1083	0.7811
drug-13	0.5426	0.1307	0.2124	0.2585	0.7544
drug-14	0.5426	0.1307	0.3633	0.3394	0.6233
drug-15	0.5585	0.1261	0.2017	0.1538	0.8322
drug-16	0.4947	0.1684	0.3108	0.2876	0.6530
drug-17	0.2606	0.2112	0.2476	0.1208	0.7612
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.5426	0.1307	0.2104	0.1745	0.6398
drybean	0.9133	0.0248	0.9252	0.8952	0.1382
ecoli	0.8529	0.0490	0.7323	0.7944	0.1681
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.8012	0.5769	0.6201
ecoliMU	0.6970	0.3030	0.6205	0.1667	0.5194
ecoliOM	0.9697	0.0303	0.9024	0.7843	0.4644
ecommerce	0.2500	0.3750	0.2541	0.0008	0.8446
eeg-eye	0.8885	0.1115	0.8872	0.7737	0.4610
eeg10%	0.4061	0.0742	0.4317	0.3534	0.6278
eucalyptus	0.5753	0.1699	0.5574	0.4617	0.4705
euthyroid	0.7753	0.2247	0.7312	0.3532	0.5145
fakenews	0.5150	0.4850	0.5145	0.0289	0.9899
farm-ads	0.8961	0.1039	0.8967	0.7900	0.4232
fbis-wc	0.8333	0.0196	0.7992	0.8119	0.1315
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.6471	0.3529	0.6436	0.2873	0.8844
financial-risk	0.7940	0.0687	0.6248	0.6713	0.2584
fishcatch	0.8750	0.0417	0.9249	0.8462	0.0696
flags	0.5000	0.1429	0.4844	0.4169	0.2512
forest	0.9231	0.0385	0.9008	0.8943	0.1218
gastrointestinal	0.8750	0.0833	0.9107	0.8049	0.1750
gender	0.5495	0.3004	0.4663	0.2070	0.7300
gene	0.9432	0.0379	0.9367	0.9093	0.1732
german	0.7000	0.3000	0.6584	0.3135	0.8390
gestures	0.9392	0.0304	0.9392	0.9190	0.1421
gina	0.9510	0.0490	0.9510	0.9020	0.2622
glass	0.8571	0.0476	0.8784	0.8119	0.1070
glass-g2	0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP	0.8571	0.1429	0.8740	0.7175	0.4205
glassBWNFP	0.7619	0.2381	0.7698	0.5161	0.6769
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.7835	0.4615	0.5000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4000	0.3000	0.4469	0.2105	0.5337
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7667	0.2333	0.7139	0.4262	0.7592
har	0.9898	0.0041	0.9888	0.9871	0.0264
har701%	0.8894	0.0316	0.6244	0.8420	0.2495
harth1%	0.8480	0.0253	0.6077	0.7962	0.3507
hayes-roth	0.4375	0.3750	0.4950	0.0769	0.5872
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7500	0.1250	0.2848	0.0250	0.4454
heart	0.8148	0.1852	0.8118	0.6218	0.6384
heart-attack	0.8710	0.1290	0.8697	0.7395	0.5124
heart-c	0.8000	0.2000	0.8001	0.5946	0.6479
heart-failure	0.9840	0.0160	0.9814	0.9625	0.0939
heart-quantum	0.8400	0.1600	0.8619	0.6875	0.4308
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%	0.6927	0.3073	0.6909	0.3813	0.8306
higher	0.0714	0.2321	0.0833	-0.0706	0.3176
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9056	0.0944	0.8490	0.6925	0.5420
hiva	0.9385	0.0615	0.5200	0.0398	0.6243
horse	0.6944	0.2037	0.6672	0.4789	0.5395
hotel-reservartions	0.8669	0.1331	0.8546	0.7067	0.5464
hr	0.8351	0.1649	0.5104	0.0150	0.7325
htru2	0.9715	0.0285	0.9178	0.8347	0.3638
hypothyroid	0.9019	0.0491	0.5936	0.5751	0.4088
hypothyroidT	0.9098	0.0902	0.8112	0.5692	0.5559
ilpd	0.6949	0.3051	0.6680	0.3270	0.8057
immuno-therapy	0.5556	0.4444	0.3571	-0.2857	0.9011
instagram	0.9653	0.0173	0.9660	0.9538	0.0694
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9101	0.0069	0.9144	0.9065	0.0747
jm1	0.7695	0.2305	0.6739	0.3417	0.7557
jvowels	0.9679	0.0071	0.9655	0.9636	0.0537
kc1	0.7630	0.2370	0.6645	0.3072	0.7103
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.6923	0.1231	0.4336	0.3810	0.3973
kc1-class-level-top5percentDF	0.6667	0.3333	0.4000	-0.1194	0.4433
kc2	0.7692	0.2308	0.6993	0.3894	0.7430
kdc-4007	0.7855	0.0613	0.7894	0.7497	0.3135
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8776	0.0816	0.8336	0.7989	0.2262
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.6592	0.0379	0.6481	0.6229	0.4925
krvskp	0.9843	0.0157	0.9844	0.9686	0.1069
la1s-wc	0.8921	0.0360	0.8788	0.8648	0.1932
la2s-wc	0.8841	0.0386	0.8673	0.8544	0.2012
labor	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leaf	0.6471	0.0307	0.5679	0.6288	0.0886
led24	0.8000	0.0444	0.8274	0.7721	0.1033
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9520	0.0037	0.9518	0.9501	0.0548
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8889	0.0148	0.9083	0.8808	0.0504
linkage1%	0.9741	0.0259	0.7160	0.2148	0.2795
liver	0.5882	0.4118	0.6174	0.2093	0.8199
loan	0.9649	0.0351	0.9635	0.9260	0.2162
localization10%	0.5479	0.0822	0.4240	0.4681	0.7099
lrs	0.8113	0.0539	0.5934	0.7432	0.1981
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.8571	0.0952	0.5959	0.7255	0.2275
lymphoma2	0.8889	0.0370	0.8163	0.8421	0.0589
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.6615	0.3385	0.6616	0.3231	0.8674
magic04	0.8574	0.1426	0.8436	0.6872	0.5648
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8653	0.7292	0.5220
marketing	0.8616	0.1384	0.7624	0.5159	0.6517
maternal	0.7030	0.1980	0.7073	0.5468	0.5062
math	0.7250	0.1375	0.6984	0.5974	0.3956
mba	0.7258	0.1828	0.4579	0.3214	0.5878
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2100	0.3160	0.2097	0.0118	0.8722
messidor	0.6609	0.3391	0.6693	0.3301	0.8399
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac	0.9650	0.0070	0.9656	0.9611	0.0439
mfeat-fou	0.8050	0.0390	0.8064	0.7833	0.1601
mfeat-kar	0.9650	0.0070	0.9658	0.9611	0.0440
mfeat-mor	0.7050	0.0590	0.7017	0.6722	0.2000
mfeat-pix	0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-zer	0.7450	0.0510	0.7439	0.7167	0.1762
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.5107	0.4132	0.4396
mobile	0.9650	0.0012	0.9666	0.9644	0.0151
monks-1	0.9818	0.0182	0.9821	0.9636	0.1023
monks-2	0.7869	0.2131	0.7809	0.5532	0.6822
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4489	0.1002	0.4975	0.3699	0.5828
musk	0.9591	0.0409	0.9188	0.8349	0.2779
MUT_ci300400a_cdk_ECFP2	0.7926	0.2074	0.7926	0.5815	0.6720
MUT_ci300400a_cdk_ECFP4	0.8156	0.1844	0.8161	0.6279	0.6273
MUT_ci300400a_cdk_ECFP6	0.8012	0.1988	0.7970	0.5937	0.6672

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ESTATE	0.7422	0.2578	0.7448	0.4836	0.7467
MUT_ci300400a_cdk_EXTENDED	0.8381	0.1619	0.8383	0.6729	0.5825
MUT_ci300400a_cdk_FCFP2	0.7617	0.2383	0.7593	0.5167	0.7302
MUT_ci300400a_cdk_FCFP4	0.7770	0.2230	0.7751	0.5480	0.7044
MUT_ci300400a_cdk_FCFP6	0.8046	0.1954	0.8048	0.6057	0.6495
MUT_ci300400a_cdk_MACCS	0.8225	0.1775	0.8206	0.6395	0.6216
MUT_ci300400a_cdk_PUBCHEM	0.8347	0.1653	0.8325	0.6636	0.5975
MUT_ci300400a_rdkit_descriptors	0.8358	0.1642	0.8344	0.6675	0.5936
myocardial	0.8706	0.0324	0.3768	0.4588	0.4066
naticusdroid	0.9670	0.0330	0.9670	0.9340	0.1945
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.6667	0.1111	0.6222	0.6000	0.1039
ncRNA1%	0.8411	0.0167	0.4666	0.6391	1.0000
neo	0.8141	0.1859	0.7602	0.4195	0.5226
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	0.9780	0.0220	0.9624	0.9219	0.2562
nomao	0.9550	0.0450	0.9465	0.8920	0.2904
NPHA-doctor-visits	0.4028	0.3981	0.3484	0.0364	0.8026
nursery	0.9722	0.0139	0.9520	0.9595	0.0919
obesity	0.8246	0.0501	0.8267	0.7954	0.2099
obs	0.9444	0.0278	0.9557	0.9186	0.1317
occupancy	0.9903	0.0097	0.9867	0.9730	0.1155
Occupancy_Estimation	0.9891	0.0054	0.9664	0.9671	0.0560
oh0-wc	0.9109	0.0178	0.9312	0.8990	0.0820
oh10-wc	0.8000	0.0400	0.7770	0.7733	0.1942
oh15-wc	0.9348	0.0130	0.9345	0.9263	0.0749
oh5-wc	0.9121	0.0176	0.9222	0.9010	0.0977
ohscal-wc	0.7966	0.0407	0.7852	0.7726	0.2720
olive	0.9123	0.0195	0.9098	0.8911	0.0791
optdigits	0.9555	0.0089	0.9587	0.9505	0.0605
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9605	0.0395	0.6429	0.2671	0.5635
ozone8hr	0.8972	0.1028	0.6639	0.3255	0.6585
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8608	0.1392	0.8469	0.6934	0.5608
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9105	0.8107	0.3604
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9470	0.0212	0.7880	0.7527	0.5653
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.8246	0.1754	0.8177	0.6338	0.6257
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle10%	0.9077	0.0923	0.8902	0.7785	0.4602
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.7140	0.4269	0.6301
pcmac	0.4794	0.5206	0.4402	-0.1152	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8246	0.6491	0.5828
pediatric-leukemia	0.7941	0.0588	0.7244	0.7441	0.1659
pendigits	0.9845	0.0031	0.9848	0.9828	0.0245
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.6582	0.3077	0.8309
persistency	0.8309	0.1691	0.8224	0.6441	0.6158
pet-adoption	0.8750	0.1250	0.8560	0.7095	0.5120
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
phone-acc0.1%	0.8070	0.0551	0.7981	0.7742	0.1795

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phone-gyr0.1%	0.8320	0.0480	0.8231	0.8032	0.1816
phoneme	0.8426	0.1574	0.8404	0.6565	0.5530
pima	0.7500	0.2500	0.7346	0.4676	0.7578
pirvision	0.9876	0.0083	0.9783	0.9618	0.1302
placement	0.7870	0.2130	0.7836	0.5664	0.6913
plant-growth	0.7895	0.2105	0.7978	0.5824	0.6422
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker1%	0.4576	0.1550	0.1940	0.0606	0.9420
polish-1st	0.9545	0.0455	0.5327	0.0437	0.5500
polish-2nd	0.9518	0.0482	0.5832	0.1479	0.5956
polish-3rd	0.9448	0.0552	0.5367	0.0469	0.5519
polish-4th	0.9286	0.0714	0.6175	0.2336	0.6433
polish-5th	0.9103	0.0897	0.7068	0.4060	0.6323
polya	0.7903	0.2097	0.7701	0.5400	0.7012
post-operative	0.5556	0.4444	0.3571	-0.2000	0.9762
pred-tox_mutagen_ref-desc	0.6912	0.3088	0.6913	0.3824	0.8319
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0839	0.3495	0.3908	0.2723
profb	0.6866	0.3134	0.6575	0.3133	0.8415
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9759	0.0097	0.9546	0.9676	0.0604
pulsar	0.9824	0.0176	0.9482	0.8963	0.2542
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.7741	0.0110	0.5884	0.7522	0.2850
re0-wc	0.7733	0.0349	0.8429	0.7189	0.2799
re1-wc	0.7952	0.0164	0.7568	0.7736	0.2491
rejafada	0.9749	0.0251	0.8786	0.7246	0.5068
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.8506	0.0062	0.6467	0.8030	0.6064
rice	0.9868	0.0132	0.9867	0.9733	0.0942
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6473	0.3527	0.6747	0.3220	0.7955
satimage	0.8974	0.0342	0.8861	0.8736	0.1678
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.9191	0.0809	0.8237	0.6307	0.5686
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5294	0.4706	0.5294	0.0588	0.9823
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9567	0.0124	0.9621	0.9494	0.0526
segmentation	0.8168	0.1832	0.8152	0.6207	0.6214
segmentO	0.9870	0.0130	0.9756	0.9501	0.1929
seismic	0.7907	0.2093	0.6429	0.2085	0.5032
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.7579	0.2421	0.5689	0.1321	0.7345
sens-2-gram	0.8474	0.1526	0.6546	0.3087	0.7211
sens-3-gram	0.8684	0.1316	0.6823	0.3590	0.6822
sens-4-gram	0.8000	0.2000	0.5839	0.1672	0.7561
sens-5-gram	0.8395	0.1605	0.6142	0.2253	0.7410
sens-6-gram	0.8211	0.1789	0.5878	0.1750	0.7595
sepsis	0.5520	0.4480	0.5854	0.0895	0.4320
shoppers	0.8637	0.1363	0.8004	0.5759	0.6069
shuttle	0.9712	0.0082	0.6243	0.9235	0.2791
sick	0.7798	0.2202	0.6871	0.2572	0.4648

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9914	0.0086	0.9873	0.9743	0.1138
smarket	0.9920	0.0080	0.9921	0.9840	0.0564
smart-farming	0.2400	0.3800	0.2315	-0.0150	0.8236
smk_can_187	0.6316	0.3684	0.6292	0.2570	0.8973
soil_pollution	0.1967	0.3213	0.1943	-0.0050	0.8681
solar-flare	0.7194	0.0935	0.6484	0.6502	0.2600
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9706	0.0031	0.9809	0.9678	0.0165
spam-detection	0.9420	0.0580	0.8619	0.7084	0.5190
spambase	0.9196	0.0804	0.9156	0.8297	0.3646
spect	0.7600	0.2400	0.7306	0.4231	0.6741
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.6731	0.0242	0.5587	0.6532	0.1062
splice-EI	0.9685	0.0315	0.9582	0.9164	0.2255
splice-IE	0.9148	0.0852	0.8851	0.7695	0.4632
sport-articles	0.8000	0.2000	0.7912	0.5804	0.6732
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8893	0.0738	0.8624	0.8207	0.2508
steel-b	0.8051	0.1949	0.7553	0.4946	0.6817
steel-d	0.9795	0.0205	0.8564	0.7039	0.4990
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.8154	0.1846	0.8053	0.6070	0.6454
steel-p	0.9333	0.0667	0.8352	0.6477	0.5519
steel-s	0.9795	0.0205	0.8697	0.7393	0.4154
steel-z	0.9590	0.0410	0.9028	0.7955	0.4463
stock	0.8958	0.1042	0.8324	0.6631	0.5633
stockb	0.9868	0.0088	0.9870	0.9802	0.0366
streaming	0.9380	0.0620	0.9377	0.8750	0.3125
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5450	0.1820	0.4048	0.3506	0.5753
student-depression	0.8308	0.1692	0.8253	0.6506	0.6095
student-habits	0.3300	0.2680	0.2518	0.0652	0.8015
student-weekend	0.3538	0.2585	0.3169	0.1469	0.7311
student-workday	0.6719	0.1313	0.2499	0.2445	0.5489
studentap	0.6154	0.2564	0.5940	0.4091	0.4399
susy1%	0.7998	0.2002	0.7980	0.5938	0.6592
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.8807	0.1193	0.8544	0.7062	0.5417
texture	0.9818	0.0033	0.9828	0.9800	0.0269
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7234	0.2766	0.4848	-0.0304	0.7956
thrombin	0.9577	0.0423	0.6953	0.3790	0.5806
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9368	0.0632	0.9333	0.8628	0.3337
tis10%	0.8881	0.1119	0.8452	0.6890	0.5211
titanic	0.7591	0.2409	0.7276	0.4549	0.7599
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.8824	0.0588	0.8875	0.8426	0.1448
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f	0.8235	0.1765	0.8152	0.5641	0.3671
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6133	0.3867	0.5658	0.1233	0.8318
trec11-wc	0.8293	0.0379	0.7025	0.7925	0.1495
trec12-wc	0.9677	0.0081	0.9719	0.9614	0.0272
trec21-wc	0.7273	0.1091	0.4198	0.4677	0.3453

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec23-wc	0.8571	0.0476	0.7740	0.7961	0.1476
trec31-wc	0.8495	0.0502	0.8142	0.8045	0.2609
trec41-wc	0.8750	0.0250	0.8099	0.8481	0.1490
trec45-wc	0.8551	0.0290	0.7775	0.8308	0.1335
tuandromd	0.9681	0.0319	0.9531	0.9031	0.2855
turkish	0.7750	0.1125	0.7729	0.7000	0.2742
tvnews1%	0.9385	0.0615	0.9338	0.8656	0.2918
tvnews10%	0.9059	0.0941	0.8990	0.7981	0.4311
ur3_cobotops_grip	0.9524	0.0476	0.6965	0.3829	0.5883
ur3_cobotops_stop	0.9551	0.0449	0.7845	0.5383	0.5644
urban	0.8358	0.0365	0.8541	0.8086	0.1481
urinalysis	0.9091	0.0909	0.7423	0.4372	0.5750
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7738	0.1131	0.7331	0.6934	0.2599
vehicleVAN	0.9643	0.0357	0.9565	0.9091	0.2605
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.7273	0.0496	0.7436	0.7000	0.1482
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
wap-wc	0.8397	0.0160	0.7164	0.8219	0.1294
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9130	0.0249	0.9123	0.8982	0.1245
watch-gyr1%	0.9117	0.0252	0.9106	0.8969	0.1230
water_pollution	0.2467	0.3767	0.2451	-0.0042	0.8670
waveform	0.8500	0.1000	0.8518	0.7751	0.3373
weather-related	0.9731	0.0049	0.9747	0.9696	0.0461
web-phishing	0.8593	0.0938	0.8204	0.7588	0.4100
Weekly	0.9722	0.0278	0.9728	0.9441	0.1529
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9710	0.0290	0.8856	0.7519	0.4889
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5409	0.1530	0.2977	0.3194	0.6269
winequality-white	0.5562	0.1479	0.4196	0.3763	0.6340
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.6014	0.0886	0.4992	0.4936	0.4611
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9459	0.0541	0.7910	0.4789	0.5000
yeastME1	0.9324	0.0676	0.7717	0.4201	0.4711
yeastME2	0.9392	0.0608	0.6847	0.3681	0.6156
zip	0.9452	0.0110	0.9399	0.9386	0.0899

Table 506: Detailed results for LF Noise 5%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1583	0.0732	0.1547	0.0770	0.6100
abalone19	0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18	0.9315	0.0685	0.7061	0.4084	0.6173
accelerometer	0.9837	0.0163	0.6916	0.3096	0.3677
accident	0.6500	0.3500	0.6508	0.3000	0.8761
ads	0.9177	0.0823	0.8278	0.6555	0.5332
advanced-iot	0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1431_KlekotaRothFingerprinter	0.6032	0.3968	0.4684	-0.0386	0.4996
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.7905	0.2095	0.6165	0.2300	0.7852
AID_602330	0.9375	0.0625	0.4839	-0.0286	0.6474
AID_652128	0.8485	0.1010	0.3060	-0.0443	0.3971
AID1284Morered	0.5278	0.4722	0.4808	-0.0268	0.6304
AID1284red	0.8333	0.1667	0.6516	0.3032	0.7325
AID1608Morered	0.7864	0.2136	0.5815	0.1251	0.5328
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9790	0.0210	0.4947	-0.0094	0.5789
AID439Morered	0.5714	0.4286	0.3636	-0.2353	0.7045
AID439red	0.2857	0.7143	0.2222	-0.2963	0.6098
AID644Morered	0.5000	0.5000	0.5446	0.0741	0.8345
AID644red	0.7000	0.3000	0.6098	0.2105	0.8520
AID687red	0.9940	0.0060	0.4985	-0.0030	0.5142
AID688red	0.9875	0.0125	0.4969	-0.0049	0.5435
AID721morered	0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red	0.7778	0.2222	0.6786	0.3571	0.7720
AID746AID1284red	0.9970	0.0030	0.4992	-0.0013	0.3955
aids	0.8873	0.1127	0.8410	0.6779	0.5104
air_pollution	0.3900	0.1743	0.1704	-0.0038	0.5385
alcohol	0.8476	0.0610	0.5615	0.6577	0.1975
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9442	0.0558	0.9387	0.8757	0.2730
anneal	1.0000	0.0000	1.0000	1.0000	0.0000
antivirus	0.8649	0.1351	0.7597	0.3934	0.2846
anuran-f-b	0.9986	0.0014	0.9626	0.9224	0.2846
anuran-family	0.9889	0.0056	0.9527	0.9788	0.0300
anuran-genus	0.9819	0.0045	0.9406	0.9702	0.1079
anuran-species	0.9861	0.0028	0.9783	0.9806	0.0196
anxiety	0.1083	0.1981	0.1058	-0.0049	0.8186
apple-quality	0.8800	0.1200	0.8805	0.7600	0.4827
arabidopsis0.1%	0.5676	0.4324	0.4738	-0.0039	0.0685
arcene	0.8500	0.1500	0.8424	0.6809	0.5520
arrhythmia	0.5778	0.0844	0.2617	0.3387	0.3299
auction	0.9951	0.0049	0.9889	0.9776	0.0238
audiology	0.8636	0.0248	0.7598	0.8413	0.0556
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.8966	0.1034	0.8976	0.7933	0.4336
autos	0.9000	0.0400	0.8676	0.8676	0.0774
avila	0.9942	0.0010	0.9936	0.9925	0.0136
babies	0.3790	0.1774	0.1592	0.0698	0.6403
balance	0.8548	0.0968	0.6043	0.7360	0.3091
bank	0.9104	0.0896	0.7617	0.5208	0.5902
banknote	0.9927	0.0073	0.9927	0.9852	0.0474

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8840	0.7640	0.4358
basehock	0.8191	0.1809	0.8197	0.6383	0.6232
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8667	0.1333	0.8625	0.7226	0.5300
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9866	0.0038	0.2984	0.1321	0.1000
body-perf	0.7351	0.1325	0.7363	0.6468	0.4106
brain-tumor	0.5005	0.4995	0.5005	0.0010	0.9997
breast-cancer	0.6786	0.3214	0.6210	0.2410	0.8562
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6667	0.7143	0.0602
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4500	0.3667	0.3052	-0.0280	0.6033
car	0.9770	0.0115	0.9522	0.9512	0.1317
car-insurance	0.8480	0.1520	0.8213	0.6422	0.5980
card	0.8986	0.1014	0.8966	0.7928	0.4424
cardiotocography	0.8732	0.0254	0.8534	0.8479	0.1569
cardiotocography-nsp	0.9437	0.0376	0.8922	0.8356	0.1584
cardiovascular	0.7089	0.2911	0.7090	0.4179	0.8093
cargo2k	0.9975	0.0017	0.9975	0.9962	0.0104
cars	0.8500	0.1000	0.8096	0.7324	0.3976
cas_N6512_cdk_ECFP2	0.7481	0.2519	0.7468	0.4935	0.7540
cas_N6512_rdkit_ATOMPAIR	0.7246	0.2754	0.7227	0.4453	0.7890
cas_N6512_RDkit_AtomPair_FP	0.7423	0.2577	0.7400	0.4784	0.7597
cas_N6512_rdkit_AVALON	0.7957	0.2043	0.7955	0.5904	0.6717
cas_N6512_RDkit_Avalon_FP	0.8083	0.1917	0.8074	0.6148	0.6497
cas_N6512_rdkit_descriptors	0.8000	0.2000	0.7990	0.5980	0.6656
cas_N6512_rdkit_FEATMORGAN	0.7588	0.2412	0.7568	0.5132	0.7366
cas_N6512_RDkit_Featmorgan_FP	0.7791	0.2209	0.7773	0.5533	0.7000
cas_N6512_RDkit_FP	0.7515	0.2485	0.7494	0.4982	0.7477
cas_N6512_rdkit_LAYERED	0.7585	0.2415	0.7586	0.5162	0.7348
cas_N6512_RDkit_Layered_FP	0.7669	0.2331	0.7650	0.5294	0.7231
cas_N6512_rdkit_MACCS	0.7969	0.2031	0.7952	0.5900	0.6704
cas_N6512_RDkit_MACCS_FP	0.7812	0.2188	0.7814	0.5617	0.6964
cas_N6512_rdkit_MORGAN	0.7646	0.2354	0.7626	0.5243	0.7258
cas_N6512_RDkit_morgan_FP	0.7791	0.2209	0.7777	0.5555	0.7034
cas_N6512_rdkit_PATTERN	0.7677	0.2323	0.7683	0.5352	0.7183
cas_N6512_RDkit_pattern_FP	0.7653	0.2347	0.7643	0.5285	0.7264
cas_N6512_rdkit_RDKITFP	0.7512	0.2488	0.7492	0.4981	0.7489
cas_N6512_rdkit_TORSION	0.7219	0.2781	0.7192	0.4378	0.7922
ccds1%	0.7115	0.2885	0.5042	0.0037	0.3071
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7254	0.2746	0.6981	0.3963	0.8037
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9628	0.0372	0.7434	0.4721	0.4960
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9498	0.0502	0.6614	0.2967	0.5547
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.8208	0.6417	0.5099
cervical-C	0.9302	0.0698	0.6139	0.2158	0.6307
cervical-H	0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S	0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia	0.9376	0.0312	0.9240	0.9069	0.1497
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8470	0.1530	0.7452	0.4827	0.6513

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn-bigml	0.9401	0.0599	0.8714	0.7178	0.2524
ci900367j_MACCS	0.7053	0.2947	0.6905	0.3805	0.8206
circles	0.9900	0.0002	0.9904	0.9899	0.0055
cirrhosis	0.8095	0.1270	0.5548	0.6056	0.2977
cjs	0.9964	0.0012	0.9972	0.9956	0.0066
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8231	0.0884	0.7058	0.7193	0.3248
climate	0.8889	0.1111	0.5950	0.1900	0.6824
cll_sub_111	0.7500	0.1667	0.7856	0.5814	0.3402
cm1	0.8800	0.1200	0.4681	-0.0345	0.6560
cmc	0.5238	0.3175	0.5037	0.2579	0.7088
cnae-9	0.7407	0.0576	0.7723	0.7083	0.2364
codon_usage	0.9317	0.0124	0.7682	0.9167	0.0986
coil20	0.8264	0.0174	0.8390	0.8172	0.1146
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.6800	0.0427	0.5960	0.6446	0.1753
colon-tumor	0.5000	0.5000	0.6604	0.1818	0.5239
colposcopies-1	0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.7586	0.2414	0.7099	0.4183	0.7672
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.6897	0.3103	0.6983	0.3711	0.7708
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.8387	0.1075	0.7853	0.7359	0.2503
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7716	0.2284	0.7723	0.5435	0.7118
covtypeCD	0.9916	0.0084	0.9820	0.9639	0.0979
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9972	0.0028	0.7753	0.4988	0.5240
crowdsourced	0.9484	0.0172	0.8708	0.8924	0.1089
cryotherapy	0.8889	0.1111	0.9000	0.7805	0.3522
cultivars	0.5312	0.0293	0.4637	0.5161	0.0889
customer-churn	0.9660	0.0340	0.6644	0.3192	0.5689
cybersecurity	0.1967	0.2678	0.1986	0.0338	0.8610
cyclopentane	0.6667	0.3333	0.6657	0.3306	0.8586
cylinder-bands	0.5741	0.4259	0.5670	0.1339	0.9485
darwin	0.7222	0.2778	0.7686	0.4444	0.4786
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	0.2857	0.7143	0.2222	-0.2963	0.9844
default	0.8213	0.1787	0.7095	0.3986	0.6768
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.5828	0.0525	0.4903
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.5919	0.2889	0.5108
dexter	0.6167	0.3833	0.6200	0.2333	0.8952
df_final	0.6875	0.2083	0.6803	0.5181	0.4357
DIA	0.7333	0.2667	0.6602	0.3191	0.8052
diabetes	0.9615	0.0385	0.9616	0.9202	0.2092
diabetes-risk	0.9131	0.0869	0.8642	0.7272	0.4684
diabetic1%	0.4216	0.3856	0.3610	0.0218	0.7938
diagnosis	0.9167	0.0833	0.9226	0.8333	0.3145
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dlbcl-nih	0.5833	0.4167	0.5714	0.1429	0.9438
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9304	0.0696	0.7608	0.4682	0.4114
dota210%	0.5816	0.4184	0.5787	0.1568	0.9443
dropout	0.7630	0.1580	0.6734	0.5967	0.4500
drug-01	0.3989	0.1717	0.1795	0.0842	0.5483
drug-02	0.5000	0.1429	0.2086	0.1256	0.6236
drug-03	0.6702	0.1099	0.1717	0.0524	0.3940
drug-04	0.5213	0.1368	0.1996	0.1256	0.5800
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3989	0.1717	0.2308	0.2435	0.5675
drug-07	0.4574	0.1809	0.1991	0.1128	0.4728
drug-08	0.5638	0.1246	0.2282	0.1964	0.4861
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5372	0.1322	0.2351	0.1570	0.4965
drug-11	0.8457	0.0441	0.1309	-0.0063	0.2293
drug-12	0.7819	0.0727	0.1463	-0.0138	0.3153
drug-13	0.6117	0.1109	0.1778	0.2478	0.4167
drug-14	0.6011	0.1140	0.3074	0.2905	0.5645
drug-15	0.7447	0.0729	0.2030	0.1001	0.4099
drug-16	0.5904	0.1365	0.2881	0.2952	0.4435
drug-17	0.3404	0.1885	0.1996	0.0915	0.6119
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.2003	0.0863	0.2978
drybean	0.9229	0.0220	0.9367	0.9067	0.1256
ecoli	0.8529	0.0490	0.6784	0.7909	0.1024
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.3000	0.3500	0.2973	0.0660	0.8263
eeg-eye	0.9206	0.0794	0.9197	0.8390	0.3677
eeg10%	0.4467	0.0692	0.4090	0.3834	0.5399
eucalyptus	0.6849	0.1260	0.6848	0.5960	0.3096
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
fakenews	0.5125	0.4875	0.5122	0.0245	0.9926
farm-ads	0.6908	0.3092	0.6971	0.3869	0.8112
fbis-wc	0.3049	0.0818	0.2625	0.2298	0.6258
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8235	0.1765	0.8221	0.6394	0.6034
financial-risk	0.9115	0.0295	0.7004	0.8585	0.1672
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.3500	0.1857	0.2025	0.1693	0.4431
forest	0.9038	0.0481	0.8815	0.8661	0.1084
gastrointestinal	0.8750	0.0833	0.8917	0.7975	0.2365
gender	0.5958	0.2695	0.4495	0.1462	0.6149
gene	0.9117	0.0589	0.9031	0.8590	0.2582
german	0.7200	0.2800	0.6713	0.3120	0.7636
gestures	0.9332	0.0334	0.9335	0.9110	0.1572
gina	0.8357	0.1643	0.8373	0.6706	0.5771
glass	0.7619	0.0794	0.7135	0.6635	0.2371
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
GlaucomaM	0.7368	0.2632	0.7360	0.4693	0.7643
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.6667	0.1667	0.7125	0.5455	0.4006
gsalc	0.6667	0.1111	0.7500	0.6029	0.1734
haberman	0.7000	0.3000	0.6011	0.2012	0.8607
har	0.9954	0.0018	0.9951	0.9942	0.0143
har701%	0.9252	0.0214	0.6112	0.8889	0.1428
harth1%	0.8740	0.0210	0.5858	0.8276	0.1937
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.4118	0.5882	0.3929	-0.2143	1.0000
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.8000	0.2000	0.8001	0.5946	0.6479
heart-failure	0.9840	0.0160	0.9814	0.9626	0.1065
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8000	0.2000	0.8077	0.5455	0.5283
hERG-121inputs	0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	0.9231	0.0769	0.9110	0.8060	0.4011
higgs0.1%	0.7009	0.2991	0.6997	0.3995	0.8206
higher	0.3571	0.1607	0.3111	0.2455	0.2645
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8125	0.1875	0.8194	0.6175	0.5658
hiv1-proteasa	0.8921	0.1079	0.7923	0.5746	0.5467
hiva	0.9149	0.0851	0.5053	0.0101	0.5579
horse	0.5833	0.2778	0.5546	0.2848	0.6316
hotel-reservartions	0.9044	0.0956	0.8903	0.7800	0.4375
hr	0.8456	0.1544	0.4582	-0.0321	0.6348
htru2	0.9788	0.0212	0.9347	0.8689	0.2505
hypothyroid	0.9947	0.0027	0.7387	0.9684	0.0764
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7288	0.2712	0.6273	0.2313	0.7987
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9707	0.0147	0.9710	0.9609	0.0649
ionosphere	0.8571	0.1429	0.8291	0.6421	0.5116
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9230	0.0059	0.9242	0.9199	0.0721
jm1	0.8062	0.1938	0.6407	0.2647	0.7438
jvowels	0.9839	0.0036	0.9826	0.9818	0.0292
kc1	0.8531	0.1469	0.6642	0.2954	0.6557
kc1-class-level-defectiveornot	0.9333	0.0667	0.9330	0.8571	0.2236
kc1-class-level-numericdefect	0.4615	0.2154	0.2872	0.1574	0.2409
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.8269	0.1731	0.7165	0.4236	0.6904
kddcup981%	0.8105	0.1895	0.4477	-0.0823	0.4875
kepler	0.8870	0.0753	0.8460	0.8136	0.2073
kidney-disease	0.9750	0.0250	0.9743	0.9474	0.1598
krkopt	0.8695	0.0145	0.8743	0.8542	0.1653
krvskp	0.9843	0.0157	0.9846	0.9686	0.0963
la1s-wc	0.6730	0.1090	0.6562	0.5939	0.4721
la2s-wc	0.6589	0.1137	0.6442	0.5780	0.4976
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0230	0.7235	0.7221	0.0683

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.6500	0.0778	0.6865	0.6000	0.1971
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9495	0.0039	0.9494	0.9475	0.0609
leukemia	0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.7222	0.0370	0.7496	0.7020	0.1168
linkage1%	0.9990	0.0010	0.9363	0.8690	0.3492
liver	0.7647	0.2353	0.7455	0.4868	0.7356
loan	0.9906	0.0094	0.9901	0.9800	0.0527
localization10%	0.6826	0.0577	0.4095	0.5931	0.4713
lrs	0.8491	0.0431	0.6316	0.7915	0.1283
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6582	0.3077	0.8482
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.6192	0.3808	0.6200	0.2385	0.9068
magic04	0.8732	0.1268	0.8588	0.7149	0.5092
malware	0.8108	0.1892	0.6747	0.3476	0.7459
mammography	0.7500	0.2500	0.7486	0.4967	0.7500
marketing	0.8929	0.1071	0.7517	0.4493	0.4732
maternal	0.8416	0.1056	0.8473	0.7587	0.3436
math	0.8250	0.0875	0.7964	0.7287	0.2764
mba	0.8048	0.1301	0.3906	0.1579	0.4074
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2633	0.2947	0.2663	0.0785	0.8312
messidor	0.7304	0.2696	0.7242	0.4477	0.7824
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.8333	0.0833	0.6702	0.7621	0.1582
meter-D	1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac	0.9800	0.0040	0.9807	0.9778	0.0250
mfeat-fou	0.8250	0.0350	0.8267	0.8056	0.1379
mfeat-kar	0.9750	0.0050	0.9755	0.9722	0.0314
mfeat-mor	0.7050	0.0590	0.7090	0.6722	0.2049
mfeat-pix	0.9800	0.0040	0.9801	0.9778	0.0253
mfeat-zer	0.8150	0.0370	0.8130	0.7944	0.1120
mice-prot	0.9907	0.0023	0.9907	0.9894	0.0111
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.5093	0.4081	0.4422
mobile	0.8881	0.0040	0.8999	0.8861	0.0498
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9344	0.0656	0.9269	0.8514	0.3077
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	0.9963	0.0037	0.9963	0.9926	0.0335
music	0.4894	0.0928	0.5404	0.3909	0.5496
musk	0.9561	0.0439	0.9120	0.8164	0.2417
MUT_ci300400a_cdk_ECFP2	0.7938	0.2062	0.7885	0.5770	0.6820
MUT_ci300400a_cdk_ECFP4	0.8012	0.1988	0.7943	0.5880	0.6670
MUT_ci300400a_cdk_ECFP6	0.7725	0.2275	0.7637	0.5250	0.7143
MUT_ci300400a_cdk_ESTATE	0.7698	0.2302	0.7609	0.5199	0.7203

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_EXTENDED	0.8405	0.1595	0.8361	0.6722	0.5885
MUT_ci300400a_cdk_FCFP2	0.8192	0.1808	0.8134	0.6266	0.6329
MUT_ci300400a_cdk_FCFP4	0.7974	0.2026	0.7913	0.5825	0.6756
MUT_ci300400a_cdk_FCFP6	0.8022	0.1978	0.7978	0.5953	0.6657
MUT_ci300400a_cdk_MACCS	0.8405	0.1595	0.8360	0.6719	0.5884
MUT_ci300400a_cdk_PUBCHEM	0.8431	0.1569	0.8380	0.6758	0.5812
MUT_ci300400a_rdkit_descriptors	0.8346	0.1654	0.8306	0.6613	0.5997
myocardial	0.8824	0.0294	0.3739	0.4416	0.2084
naticusdroid	0.9674	0.0326	0.9674	0.9347	0.1938
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.9201	0.0084	0.5555	0.7765	0.3067
neo	0.9117	0.0883	0.7258	0.4473	0.6110
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9608	0.0392	0.9520	0.9040	0.2521
NPHA-doctor-visits	0.4306	0.3796	0.3371	-0.0110	0.7724
nursery	0.9969	0.0015	0.9976	0.9955	0.0103
obesity	0.9289	0.0203	0.9276	0.9169	0.0966
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9796	0.0204	0.9722	0.9437	0.1916
Occupancy_Estimation	0.9882	0.0059	0.9673	0.9644	0.1162
oh0-wc	0.7624	0.0475	0.7369	0.7271	0.2340
oh10-wc	0.6381	0.0724	0.6297	0.5900	0.3652
oh15-wc	0.6739	0.0652	0.6435	0.6294	0.3274
oh5-wc	0.7582	0.0484	0.7515	0.7264	0.2273
olive	0.9649	0.0078	0.9554	0.9565	0.0249
optdigits	0.9662	0.0068	0.9678	0.9624	0.0491
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.9170	0.0830	0.6085	0.1860	0.6144
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7320	0.2680	0.7084	0.4158	0.7896
P-Glycoprotein_c_RDkit_AtomPair_FP	0.7143	0.2857	0.7127	0.4251	0.8027
p53-mutants10%	0.7197	0.2803	0.6367	0.0160	0.0317
page-blocks	0.9799	0.0080	0.8323	0.8848	0.1421
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8863	0.1137	0.8781	0.7548	0.4722
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.9362	0.0638	0.9212	0.8423	0.3588
pasture	0.2500	0.5000	0.1667	-0.2000	0.5820
pc1	0.9189	0.0811	0.6790	0.3567	0.6383
pcmac	0.5103	0.4897	0.5079	0.0156	0.9810
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.5658	0.4342	0.5462	0.0833	0.8321
pediatric-leukemia	0.8529	0.0420	0.7513	0.8186	0.1125
pendigits	0.9927	0.0015	0.9928	0.9919	0.0140
period	0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8280	0.1720	0.8147	0.6283	0.6196
pet-adoption	0.9450	0.0550	0.9373	0.8732	0.2769
phishing	0.9551	0.0449	0.9531	0.9046	0.2206
phone-acc0.1%	0.8767	0.0352	0.8681	0.8559	0.1287
phone-gyr0.1%	0.9095	0.0258	0.9026	0.8942	0.1217
phoneme	0.9167	0.0833	0.8965	0.7928	0.4191

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pima	0.7237	0.2763	0.7027	0.3824	0.7533
pirvision	0.9471	0.0353	0.8892	0.8430	0.3318
placement	0.7820	0.2180	0.7742	0.5463	0.6978
plant-growth	0.6842	0.3158	0.6833	0.3667	0.8414
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
poker1%	0.5951	0.1157	0.1743	0.2354	0.3077
polish-1st	0.9744	0.0256	0.7933	0.5385	0.2912
polish-2nd	0.9646	0.0354	0.7038	0.3638	0.4576
polish-3rd	0.9514	0.0486	0.6163	0.1493	0.4505
polish-4th	0.9551	0.0449	0.7367	0.4541	0.5012
polish-5th	0.9543	0.0457	0.8062	0.6062	0.4688
polya	0.8065	0.1935	0.7847	0.5659	0.6622
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.7206	0.2794	0.7207	0.4412	0.7929
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3030	0.1072	0.2273	0.2255	0.3591
profb	0.8060	0.1940	0.7827	0.5652	0.6799
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio10%	0.9885	0.0046	0.9796	0.9846	0.0363
pulsar	0.9856	0.0144	0.9561	0.9111	0.1495
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
re0-wc	0.2933	0.1087	0.2441	0.1133	0.5346
re1-wc	0.1386	0.0689	0.0918	0.0457	0.3725
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9225	0.0775	0.9226	0.8445	0.3623
rice	0.9874	0.0126	0.9872	0.9744	0.0893
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.7257	0.2743	0.7169	0.4337	0.7920
satimage	0.9067	0.0311	0.8901	0.8847	0.1482
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9425	0.0575	0.8211	0.6118	0.3528
scadi	0.7143	0.1143	0.5143	0.5882	0.1267
schiller	0.7778	0.2222	0.8000	0.5263	0.5283
schizo	0.4706	0.5294	0.4704	-0.0588	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8462	0.1538	0.4989	-0.0021	0.6148
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9610	0.0111	0.9661	0.9544	0.0495
segmentation	0.8614	0.1386	0.8489	0.6979	0.5539
segmentO	0.9913	0.0087	0.9834	0.9663	0.1466
seismic	0.9341	0.0659	0.6268	0.1696	0.4759
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-2-gram	0.8474	0.1526	0.5627	0.1041	0.7176
sens-3-gram	0.7711	0.2289	0.5495	0.0977	0.7566
sens-4-gram	0.4921	0.5079	0.5029	0.0035	0.5757
sens-5-gram	0.6789	0.3211	0.5591	0.0995	0.6723
sepsis	0.9093	0.0907	0.5855	0.0028	0.2242
shoppers	0.8978	0.1022	0.7886	0.5711	0.5599
shuttle	0.9907	0.0027	0.7748	0.9741	0.4784
sick	0.9814	0.0186	0.9205	0.8276	0.0656
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin10%	0.9877	0.0123	0.9818	0.9633	0.1403
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.2563	0.0128	0.8378
smk_can_187	0.7895	0.2105	0.7889	0.5778	0.6844

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
soil_pollution	0.2067	0.3173	0.2090	0.0072	0.8622
solar-flare	0.7554	0.0815	0.6181	0.6870	0.2224
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9265	0.0077	0.8534	0.9193	0.0409
spam-detection	0.9450	0.0550	0.8362	0.6724	0.5026
spambase	0.9391	0.0609	0.9362	0.8720	0.3070
spect	0.8000	0.2000	0.6159	0.1935	0.7198
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.5192	0.0356	0.4215	0.4910	0.1728
splice-EI	0.9401	0.0599	0.9226	0.8444	0.3655
splice-IE	0.9148	0.0852	0.8778	0.7516	0.4176
sport-articles	0.8300	0.1700	0.8148	0.6161	0.5727
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9150	0.0567	0.8927	0.8616	0.2129
steel-b	0.8974	0.1026	0.8369	0.6673	0.4931
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.8256	0.1744	0.8048	0.6081	0.6309
steel-p	0.9333	0.0667	0.7287	0.4051	0.4581
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9897	0.0103	0.9729	0.9443	0.2161
stock	0.9306	0.0694	0.8772	0.7503	0.3987
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9365	0.0254	0.9377	0.9206	0.0945
student-lifestyle	0.5750	0.1700	0.3315	0.3098	0.5175
student-depression	0.8358	0.1642	0.8298	0.6588	0.5952
student-habits	0.3500	0.2600	0.3110	-0.0222	0.4749
student-weekend	0.4000	0.2400	0.3239	0.1729	0.7143
student-workday	0.7188	0.1125	0.2410	0.2153	0.3239
studentap	0.3846	0.4103	0.3218	0.0370	0.7487
susy1%	0.7966	0.2034	0.7951	0.5865	0.6615
tae	0.6000	0.2667	0.6000	0.4000	0.5251
telco-churn	0.9091	0.0909	0.8799	0.7553	0.4180
texture	0.9909	0.0017	0.9913	0.9900	0.0139
theorem	0.9902	0.0098	0.9899	0.9798	0.0768
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9296	0.0704	0.5745	0.1341	0.5253
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.7313	0.2687	0.6749	0.3433	0.7849
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.3750	0.2500	0.3349	0.2000	0.3033
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f	0.8235	0.1765	0.8152	0.5641	0.3671
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.6400	0.3600	0.4765	-0.0465	0.9106
trec11-wc	0.7805	0.0488	0.6559	0.7291	0.1575
trec12-wc	0.2903	0.1774	0.2563	0.1143	0.4081
trec21-wc	0.7273	0.1091	0.6242	0.5733	0.1683
trec23-wc	0.8095	0.0635	0.8421	0.7565	0.1869
trec31-wc	0.9032	0.0323	0.9090	0.8708	0.1492
trec41-wc	0.7955	0.0409	0.8128	0.7494	0.2507
trec45-wc	0.7101	0.0580	0.6613	0.6623	0.2550
tuandromd	0.9886	0.0114	0.9817	0.9627	0.0502

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
turkish	0.7750	0.1125	0.7795	0.7000	0.2756
tvnews1%	0.9000	0.1000	0.8922	0.7844	0.4451
tvnews10%	0.8959	0.1041	0.8876	0.7751	0.4571
ur3_cobotops_grip	0.9769	0.0231	0.7773	0.4755	0.2251
ur3_cobotops_stop	0.9769	0.0231	0.8099	0.5935	0.3335
urban	0.8060	0.0431	0.8328	0.7726	0.1704
urinalysis	0.9510	0.0490	0.7546	0.5076	0.5542
ustilago1%	0.8958	0.1042	0.5601	0.0417	0.1875
vehicle	0.7619	0.1190	0.7279	0.6794	0.2125
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.5833	0.4167	0.6196	0.2105	0.8154
vote	0.8605	0.1395	0.8674	0.7220	0.4811
vowel	0.6364	0.0661	0.6683	0.6000	0.1829
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.6154	0.0385	0.4887	0.5709	0.3151
warpar10p	0.9231	0.0154	0.9500	0.9139	0.0292
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9822	0.0051	0.9817	0.9792	0.0378
watch-gyr1%	0.9760	0.0069	0.9755	0.9720	0.0449
water_pollution	0.2400	0.3800	0.2388	-0.0131	0.8708
waveform	0.8380	0.1080	0.8381	0.7570	0.3726
weather-related	0.9692	0.0056	0.9741	0.9651	0.0468
web-phishing	0.8741	0.0840	0.8361	0.7783	0.3747
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9814	0.0186	0.8962	0.7903	0.3078
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.7170	0.0943	0.3511	0.5486	0.4494
winequality-white	0.6871	0.1043	0.4724	0.5208	0.4484
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.6875	0.0417	0.6397	0.6653	0.0806
yeast	0.5946	0.0901	0.4449	0.4776	0.4369
yeastCYT-POX	0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME1	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME2	0.9595	0.0405	0.7218	0.2410	0.1164
zip	0.9462	0.0108	0.9417	0.9397	0.0858

Table 507: Detailed results for LMT^{CV} Noise 5%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1511	0.0738	0.0977	0.0604	0.4793
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7790	0.5503	0.4891
accelerometer	0.9822	0.0178	0.6153	0.0922	0.2678
accident	0.5500	0.4500	0.5525	0.1000	0.9473
ads	0.9726	0.0274	0.9413	0.8785	0.1617
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8381	0.1619	0.6898	0.1616	0.3125
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9223	0.0777	0.4798	-0.0173	0.5455
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.7500	0.2500	0.6707	0.3056	0.7334
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687red	0.0030	0.9970	0.0030	0.0000	0.0087
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.0010	0.9990	0.0010	0.0000	0.0029
aids	0.9061	0.0939	0.8673	0.7240	0.4067
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.7714	0.0914	0.4817	0.4638	0.3618
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9488	0.0512	0.9440	0.8857	0.2427
anneal	0.9775	0.0090	0.9765	0.9538	0.0937
antivirus	0.9459	0.0541	0.9119	0.8238	0.3704
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9485	0.0257	0.8763	0.9015	0.1995
anuran-genus	0.5772	0.1057	0.0915	0.0000	0.2370
anuran-species	0.9694	0.0061	0.9204	0.9575	0.0736
anxiety	0.1167	0.1963	0.0994	0.0031	0.8084
apple-quality	0.8225	0.1775	0.8230	0.6450	0.6168
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.6875	0.3750	0.8278
arrhythmia	0.7778	0.0444	0.6367	0.6397	0.1942
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audiology	0.9545	0.0083	0.9735	0.9471	0.0293
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9064	0.8667	0.0861
avila	0.9784	0.0036	0.9270	0.9720	0.1433
babies	0.4274	0.1636	0.1377	0.0880	0.4287
balance	0.8871	0.0753	0.6114	0.7877	0.2090
bank	0.8874	0.1126	0.4702	0.0000	0.2427
banknote	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8845	0.7619	0.4172
basehock	0.9095	0.0905	0.9109	0.8192	0.3886
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8762	0.1238	0.8675	0.7337	0.5001
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7007	0.1496	0.7022	0.6010	0.4379
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7857	0.2143	0.7206	0.4324	0.7241
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.6620	0.5686	0.1945
bridges	0.8000	0.0667	0.6525	0.6970	0.0841
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9425	0.0287	0.8789	0.8800	0.2220
car-insurance	0.8470	0.1530	0.8208	0.6414	0.6014
card	0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography	0.8310	0.0338	0.7999	0.7970	0.2202
cardiotocography-nsp	0.9155	0.0563	0.8271	0.7660	0.3426
cardiovascular	0.5004	0.4996	0.3335	0.0000	0.5283
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5470	0.4336	0.5337
cas_N6512_cdk_ECFP2	0.7404	0.2596	0.7384	0.4767	0.7659
cas_N6512_rdkit_ATOMPAIR	0.7231	0.2769	0.7206	0.4405	0.7901
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.7911	0.2089	0.7908	0.5810	0.6804
cas_N6512_RDkit_Avalon_FP	0.7883	0.2117	0.7882	0.5758	0.6848
cas_N6512_rdkit_descriptors	0.7800	0.2200	0.7783	0.5564	0.7014
cas_N6512_rdkit_FEATMORGAN	0.7250	0.2750	0.7228	0.4455	0.7883
cas_N6512_RDkit_Featmorgan_FP	0.7285	0.2715	0.7260	0.4511	0.7817
cas_N6512_RDkit_FP	0.7454	0.2546	0.7435	0.4868	0.7582
cas_N6512_rdkit_LAYERED	0.7708	0.2292	0.7691	0.5380	0.7175
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7862	0.2138	0.7845	0.5660	0.6824
cas_N6512_RDkit_MACCS_FP	0.7673	0.2327	0.7668	0.5331	0.7220
cas_N6512_rdkit_MORGAN	0.7815	0.2185	0.7798	0.5592	0.6983
cas_N6512_RDkit_morgan_FP	0.7439	0.2561	0.7423	0.4846	0.7607
cas_N6512_rdkit_PATTERN	0.7600	0.2400	0.7619	0.5210	0.7262
cas_N6512_RDkit_pattern_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_RDKITFP	0.4624	0.5376	0.3162	0.0000	0.5307
cas_N6512_rdkit_TORSION	0.7359	0.2641	0.7346	0.4690	0.7723
ccds1%	0.0385	0.9615	0.0370	0.0000	0.1028
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7617	0.2383	0.7341	0.4670	0.7506
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9752	0.0248	0.8305	0.6136	0.1935
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.8269	0.6485	0.5273
cervical-S	0.9535	0.0465	0.8495	0.6895	0.3805
children-anemia	0.9399	0.0301	0.9253	0.9103	0.1305
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chronic-kidney	0.9458	0.0542	0.7774	0.5017	0.3588
churn	0.8530	0.1470	0.7462	0.4644	0.5911

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn-bigml	0.9663	0.0337	0.9301	0.8573	0.2339
ci900367j_MACCS	0.6842	0.3158	0.6610	0.3218	0.8520
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.5337	0.5685	0.3575
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8269	0.0866	0.7102	0.7284	0.3375
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.4167	0.3889	0.5475	0.1064	0.4164
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.4286	0.3810	0.2000	0.0000	0.3935
cnae-9	0.9630	0.0082	0.9629	0.9583	0.0420
codon_usage	0.8910	0.0198	0.7108	0.8674	0.1930
coil20	0.9722	0.0028	0.9744	0.9708	0.0197
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.9800	0.0027	0.9875	0.9780	0.0119
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6207	0.3793	0.5271	0.0478	0.9158
colposcopies-2	0.6552	0.3448	0.6078	0.1471	0.7403
colposcopies-3	0.6207	0.3793	0.5909	0.1671	0.8893
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.0104	0.6598	0.0068	0.0000	0.0422
cottonmeloidogyne	0.7476	0.2524	0.7486	0.4955	0.7490
covtypeCD	0.9846	0.0154	0.9669	0.9336	0.1512
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.9032	0.0323	0.7413	0.7973	0.2910
cryotherapy	0.5556	0.4444	0.6667	0.1818	0.5283
cultivars	0.4062	0.0371	0.3582	0.3871	0.1201
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1700	0.2767	0.1746	-0.0017	0.8378
cyclopentane	0.6667	0.3333	0.6601	0.3193	0.8634
cylinder-bands	0.7963	0.2037	0.7901	0.5763	0.6650
darwin	0.7222	0.2778	0.7236	0.4444	0.7837
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8263	0.1737	0.7157	0.4038	0.6503
defect	0.9568	0.0432	0.9166	0.8290	0.2688
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9189	0.0270	0.8911	0.8983	0.0793
desharnais	0.3750	0.4167	0.3158	0.0244	0.6574
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.5625	0.2917	0.5749	0.3488	0.5360
DIA	0.7500	0.2500	0.6741	0.3478	0.7928
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-risk	0.2073	0.7927	0.1717	0.0000	0.3985
diabetic1%	0.5686	0.2876	0.3581	0.1197	0.4790
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.8000	0.2000	0.8333	0.6154	0.4644
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dlbcl-nih	0.5417	0.4583	0.5078	0.0149	0.9759
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5738	0.4262	0.5698	0.1378	0.9476
dropout	0.3228	0.4515	0.1627	0.0000	0.3888
drug-01	0.4255	0.1641	0.1959	0.0920	0.5065
drug-02	0.5053	0.1413	0.1687	0.0741	0.4847
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5160	0.1383	0.1786	0.1012	0.5652
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4096	0.1687	0.2295	0.2450	0.5268
drug-07	0.4468	0.1844	0.1602	0.0676	0.4406
drug-08	0.5745	0.1216	0.1938	0.1156	0.3181
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.2232	0.1488	0.3686
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1794	0.2409	0.3625
drug-14	0.6223	0.1079	0.3232	0.3157	0.4440
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5745	0.1418	0.3012	0.2688	0.4386
drug-17	0.3564	0.1839	0.1799	0.0950	0.4921
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9251	0.0214	0.9351	0.9093	0.1220
ecoli	0.8824	0.0392	0.7275	0.8359	0.1230
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU	0.8485	0.1515	0.4590	-0.0784	0.7425
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.1800	0.4100	0.1766	-0.0920	0.8879
eeg-eye	0.8458	0.1542	0.8438	0.6871	0.5699
eeg10%	0.3756	0.0780	0.4067	0.3078	0.6095
eucalyptus	0.6438	0.1425	0.6392	0.5374	0.3601
euthyroid	0.9684	0.0316	0.9064	0.8103	0.2985
fakenews	0.5000	0.5000	0.5001	0.0002	0.9997
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk	0.2620	0.2460	0.0692	0.0000	0.2743
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.6500	0.1000	0.4030	0.5527	0.2502
forest	0.9038	0.0481	0.8919	0.8667	0.1055
gastrointestinal	0.6875	0.2083	0.6932	0.4805	0.4507
gender	0.6042	0.2639	0.5087	0.1533	0.5088
gene	0.9022	0.0652	0.8945	0.8450	0.2682
german	0.7200	0.2800	0.6722	0.3220	0.7801
gestures	0.8185	0.0908	0.8201	0.7580	0.3325
gina	0.9020	0.0980	0.9020	0.8040	0.4263
glass	0.5714	0.1429	0.6222	0.4441	0.3946
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.9048	0.0952	0.8990	0.7981	0.4308
glassBWNFP	0.7619	0.2381	0.7427	0.4828	0.7425
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
GlaucomaM	0.7895	0.2105	0.7933	0.5730	0.6420
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.9048	0.0952	0.9055	0.8072	0.4121
green	0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage	0.4667	0.2667	0.4791	0.2638	0.5232
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7667	0.2333	0.6698	0.3226	0.7594
har	0.9628	0.0149	0.9609	0.9529	0.0902
har701%	0.9066	0.0267	0.5608	0.8622	0.1509
harth1%	0.0610	0.1565	0.0096	0.0000	0.3036
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.5294	0.4706	0.5143	0.0286	0.9808
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8065	0.1935	0.8048	0.6043	0.6369
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9800	0.0200	0.9768	0.9536	0.1469
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6955	0.3045	0.6951	0.3899	0.8264
higher	0.0714	0.2321	0.0278	-0.1235	0.4428
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9106	0.0894	0.8281	0.6398	0.4448
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.5833	0.2778	0.5570	0.2941	0.6398
hotel-reservartions	0.8886	0.1114	0.8722	0.7438	0.4851
hr	0.8596	0.1404	0.4623	-0.0069	0.4101
htru2	0.9799	0.0201	0.9377	0.8744	0.2232
hypothyroid	0.9973	0.0013	0.7496	0.9840	0.0048
hypothyroidT	0.9973	0.0027	0.9906	0.9810	0.0136
ilpd	0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere	0.9429	0.0571	0.9346	0.8606	0.1858
iris	0.4000	0.4000	0.1905	0.0000	0.4035
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8145	0.1855	0.6256	0.1745	0.6253
jvowels	0.9558	0.0098	0.9518	0.9499	0.0738
kc1	0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.7692	0.0923	0.5122	0.4868	0.2637
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.7308	0.2692	0.5363	0.0691	0.8541
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8755	0.0830	0.8337	0.7941	0.2291
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7540	0.0273	0.7396	0.7258	0.3725
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leaf	0.7059	0.0256	0.6827	0.6917	0.0898
led24	0.7500	0.0556	0.7861	0.7159	0.1392
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9000	0.0077	0.9001	0.8960	0.1170
leukemia	0.7143	0.1905	0.7222	0.5758	0.3100
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.7500	0.0333	0.7719	0.7318	0.1173
linkage1%	0.9995	0.0005	0.9651	0.9300	0.2071
liver	0.7059	0.2941	0.6994	0.3863	0.7816
loan	0.9930	0.0070	0.9926	0.9850	0.0419
localization10%	0.1984	0.1457	0.0301	0.0000	0.3192
lrs	0.8491	0.0431	0.6196	0.7913	0.1336
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9043	0.0957	0.9033	0.8050	0.4227
madelon	0.7269	0.2731	0.7275	0.4538	0.7815
magic04	0.8617	0.1383	0.8454	0.6854	0.5275
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8222	0.6430	0.6156
marketing	0.8884	0.1116	0.7386	0.4169	0.4831
maternal	0.8020	0.1320	0.8074	0.6987	0.4054
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8226	0.1183	0.3710	0.0789	0.3746
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2367	0.3053	0.2362	0.0460	0.8491
messidor	0.6522	0.3478	0.6420	0.2824	0.8798
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9571	0.9227	0.0673
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9550	0.0090	0.9558	0.9500	0.0540
mfeat-fou	0.8400	0.0320	0.8398	0.8222	0.1533
mfeat-kar	0.9650	0.0070	0.9660	0.9611	0.0443
mfeat-mor	0.7400	0.0520	0.7457	0.7111	0.1877
mfeat-pix	0.9300	0.0140	0.9324	0.9222	0.0810
mfeat-zer	0.8150	0.0370	0.8158	0.7944	0.1268
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9906	0.0063	0.9918	0.9855	0.0283
mines	0.5882	0.1647	0.5539	0.4809	0.3971
mobile	0.7133	0.0102	0.7230	0.7081	0.1291
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.9016	0.0984	0.8896	0.7771	0.4287
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.0806	0.1672	0.0136	0.0000	0.3712
musk	0.9530	0.0470	0.9057	0.8038	0.2665
MUT_ci300400a_cdk_ECFP2	0.8010	0.1990	0.7944	0.5884	0.6680
MUT_ci300400a_cdk_ECFP4	0.7832	0.2168	0.7775	0.5550	0.7009
MUT_ci300400a_cdk_ECFP6	0.7521	0.2479	0.7426	0.4836	0.7500

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ESTATE	0.7470	0.2530	0.7378	0.4748	0.7598
MUT_ci300400a_cdk_EXTENDED	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP2	0.8132	0.1868	0.8074	0.6148	0.6453
MUT_ci300400a_cdk_FCFP4	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_FCFP6	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_MACCS	0.8177	0.1823	0.8111	0.6200	0.6284
MUT_ci300400a_cdk_PUBCHEM	0.8383	0.1617	0.8326	0.6640	0.5875
MUT_ci300400a_rdkit_descriptors	0.8020	0.1980	0.7962	0.5905	0.6603
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9694	0.0306	0.9694	0.9388	0.1844
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.1111	0.6222	0.6000	0.1039
ncRNA1%	0.8992	0.0106	0.3949	0.7124	0.4290
neo	0.9027	0.0973	0.4744	0.0000	0.2194
new-thyroid	0.9524	0.0317	0.9026	0.8939	0.0573
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.7145	0.2855	0.4167	0.0000	0.4307
NPHA-doctor-visits	0.5139	0.3241	0.2263	-0.0223	0.4554
nursery	0.9923	0.0039	0.9838	0.9887	0.0399
obesity	0.9384	0.0176	0.9379	0.9280	0.0935
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9922	0.0078	0.9892	0.9783	0.0936
Occupancy_Estimation	0.9872	0.0064	0.9621	0.9609	0.0604
oh0-wc	0.8317	0.0337	0.8397	0.8068	0.1590
oh10-wc	0.6381	0.0724	0.6533	0.5897	0.3357
oh15-wc	0.7609	0.0478	0.7723	0.7263	0.2366
oh5-wc	0.7582	0.0484	0.7771	0.7258	0.2243
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.8772	0.0273	0.8710	0.8498	0.1451
optdigits	0.9484	0.0103	0.9500	0.9426	0.0736
optdigitsZ	0.9947	0.0053	0.9834	0.9662	0.0246
orl	0.9250	0.0037	0.9059	0.9231	0.0126
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.6523	0.2635	0.5646
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8454	0.1546	0.8360	0.6677	0.5861
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8647	0.7293	0.5256
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9817	0.0073	0.9280	0.8971	0.1608
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8910	0.1090	0.8833	0.7656	0.4614
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle10%	0.9092	0.0908	0.8884	0.7767	0.4532
pasture	0.5000	0.3333	0.2222	0.0000	0.3770
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5464	0.4536	0.3533	-0.0712	0.8005
pcos	0.8000	0.2000	0.4444	0.0000	0.3522
pd	0.8289	0.1711	0.7944	0.5806	0.6472
pediatric-leukemia	0.7941	0.0588	0.6885	0.7460	0.1785
pendigits	0.1028	0.1794	0.0186	0.0000	0.4062
period	0.8889	0.1111	0.8953	0.7692	0.4011
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8251	0.1749	0.8110	0.6202	0.6230
pet-adoption	0.9350	0.0650	0.9258	0.8501	0.3194
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
phone-acc0.1%	0.8553	0.0413	0.8476	0.8309	0.1732

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phone-gyr0.1%	0.8945	0.0302	0.8864	0.8766	0.1370
phoneme	0.8519	0.1481	0.8215	0.6423	0.6042
pima	0.6974	0.3026	0.6735	0.3063	0.7532
pirvision	0.9935	0.0044	0.9866	0.9795	0.0751
placement	0.7990	0.2010	0.7938	0.5876	0.6722
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4907	0.1455	0.1416	0.0290	0.3553
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9666	0.0334	0.7256	0.2532	0.1004
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9592	0.0408	0.7520	0.4554	0.3937
polish-5th	0.9492	0.0508	0.7625	0.4608	0.3502
polya	0.7827	0.2173	0.7567	0.5078	0.7034
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7062	0.4118	0.8115
prestige	0.5556	0.2963	0.4118	0.3208	0.2718
primary-tumor	0.4545	0.0839	0.3428	0.3901	0.2703
profb	0.7910	0.2090	0.7518	0.4908	0.6818
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.6429	0.3571	0.6443	0.2857	0.8758
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9668	0.0133	0.9394	0.9554	0.0843
pulsar	0.9816	0.0184	0.9436	0.8859	0.1939
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9868	0.0132	0.9867	0.9733	0.0950
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6415	0.3585	0.6317	0.2631	0.8899
satimage	0.8771	0.0410	0.8581	0.8484	0.1934
satimageF	0.9876	0.0124	0.9679	0.9359	0.1750
satimageT	0.9300	0.0700	0.7809	0.5432	0.4849
scadi	0.5714	0.1714	0.4571	0.4167	0.2504
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9524	0.0136	0.9583	0.9443	0.0593
segmentation	0.8168	0.1832	0.8072	0.6116	0.6432
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9748	0.0252	0.9276	0.8528	0.2322
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shoppers	0.8962	0.1038	0.7881	0.5723	0.5727
shuttle	0.7859	0.0612	0.1257	0.0000	0.1287
sick	0.9841	0.0159	0.9325	0.8612	0.1705
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin10%	0.9955	0.0045	0.9932	0.9863	0.0380
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2800	0.3600	0.2879	0.0374	0.7403
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
soil_pollution	0.1933	0.3227	0.1961	-0.0084	0.8740
solar-flare	0.7410	0.0863	0.6874	0.6670	0.1965
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9706	0.0031	0.9228	0.9677	0.0116
spam-detection	0.9560	0.0440	0.8671	0.7340	0.4392
spambase	0.9196	0.0804	0.9156	0.8297	0.3646
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.7714	0.2286	0.7200	0.4400	0.7559
spectrometer	0.6154	0.0285	0.4457	0.5922	0.1223
splice-EI	0.9558	0.0442	0.9434	0.8858	0.3029
splice-IE	0.9211	0.0789	0.8887	0.7765	0.4203
sport-articles	0.8300	0.1700	0.8144	0.6249	0.6065
squash-stored	0.4000	0.4000	0.3810	0.0625	0.5233
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8984	0.0677	0.8728	0.8346	0.2393
steel-b	0.8462	0.1538	0.7497	0.4912	0.6466
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.8154	0.1846	0.7968	0.5936	0.6568
steel-p	0.9487	0.0513	0.8059	0.5895	0.4057
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9692	0.0308	0.9226	0.8401	0.3898
stock	0.9028	0.0972	0.8270	0.6505	0.5175
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6450	0.1420	0.3632	0.4126	0.3975
student-depression	0.5857	0.4143	0.3693	0.0000	0.5059
student-habits	0.4500	0.2200	0.2130	0.1183	0.4062
student-weekend	0.3538	0.2585	0.1150	0.0109	0.4613
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.2903	0.0189	0.6270
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.4000	0.4000	0.3964	0.1000	0.7207
telco-churn	0.9006	0.0994	0.8697	0.7380	0.4700
texture	0.9891	0.0020	0.9894	0.9880	0.0151
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.8881	0.1119	0.8413	0.6680	0.4588
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7200	0.2800	0.5938	0.1860	0.8482

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec11-wc	0.8049	0.0434	0.7550	0.7620	0.1931
trec12-wc	0.8710	0.0323	0.7860	0.8446	0.1109
trec21-wc	0.9091	0.0364	0.7413	0.8118	0.1729
trec23-wc	0.8095	0.0635	0.5701	0.7350	0.1783
trec31-wc	0.9355	0.0215	0.9140	0.9142	0.1345
trec41-wc	0.8523	0.0295	0.7898	0.8226	0.2439
trec45-wc	0.8986	0.0203	0.7942	0.8824	0.0970
tuandromd	0.9886	0.0114	0.9816	0.9630	0.0863
turkish	0.7500	0.1250	0.7690	0.6667	0.2928
tvnews1%	0.9000	0.1000	0.8921	0.7786	0.4044
tvnews10%	0.8805	0.1195	0.8708	0.7413	0.4992
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7910	0.0464	0.7807	0.7555	0.1691
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7976	0.1012	0.7816	0.7282	0.2064
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.3838	0.1120	0.4350	0.3222	0.3412
vowelZ	0.9394	0.0606	0.7996	0.5926	0.4960
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.9231	0.0154	0.9583	0.9133	0.0343
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9794	0.0059	0.9790	0.9759	0.0444
watch-gyr1%	0.9788	0.0061	0.9784	0.9752	0.0439
water_pollution	0.2433	0.3783	0.2445	-0.0086	0.8636
waveform	0.8500	0.1000	0.8501	0.7750	0.3513
weather-related	0.9673	0.0059	0.9679	0.9629	0.0442
web-phishing	0.8222	0.1185	0.7091	0.6833	0.4731
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9750	0.0125	0.9752	0.9667	0.0600
wilt	0.9752	0.0248	0.8635	0.7261	0.4016
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.5849	0.1384	0.2710	0.3189	0.3978
winequality-white	0.5869	0.1377	0.4045	0.4028	0.7240
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.6875	0.0417	0.6650	0.6653	0.0741
yeast	0.5203	0.1066	0.3798	0.3819	0.3640
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.6146	0.2292	0.5992
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.0882	0.1824	0.0162	0.0000	0.4045

Table 508: Detailed results for RerF^{CV} Noise 5%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1559	0.0734	0.0910	0.0613	0.4807
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9589	0.0411	0.7630	0.3866	0.1182
accelerometer	0.9841	0.0159	0.6999	0.2119	0.1478
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9695	0.0305	0.9349	0.8609	0.1018
advanced-iot	0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
aids	0.8873	0.1127	0.8394	0.6688	0.4840
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8190	0.0724	0.5344	0.5360	0.1774
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9209	0.0791	0.9148	0.8189	0.2809
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9805	0.0097	0.9453	0.9627	0.0473
anuran-genus	0.9833	0.0042	0.9579	0.9724	0.0282
anuran-species	0.9875	0.0025	0.9775	0.9826	0.0148
anxiety	0.1333	0.1926	0.1080	0.0200	0.7228
apple-quality	0.8850	0.1150	0.8857	0.7700	0.4672
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia	0.7333	0.0533	0.4397	0.5050	0.1680
auction	0.9853	0.0147	0.9664	0.9305	0.0577
audiology	0.8636	0.0248	0.7505	0.8386	0.0497
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9500	0.0200	0.9520	0.9340	0.0427
avila	0.9631	0.0061	0.9554	0.9516	0.0509
babies	0.4758	0.1498	0.1554	0.1642	0.3623
balance	0.8871	0.0753	0.6210	0.7927	0.2697
bank	0.9119	0.0881	0.7530	0.4950	0.5662
banknote	0.9854	0.0146	0.9852	0.9704	0.1045

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8963	0.1037	0.8887	0.7641	0.3675
basehock	0.9849	0.0151	0.9849	0.9698	0.1051
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018
biodeg	0.8952	0.1048	0.8896	0.7789	0.4599
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7097	0.1451	0.7100	0.6129	0.4378
brain-tumor	0.5025	0.4975	0.5022	0.0041	0.9845
breast-cancer	0.7857	0.2143	0.7206	0.4324	0.7241
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.5222	0.0351	0.9096
breast-tissue	0.6364	0.1212	0.5969	0.5600	0.1943
bridges	0.9000	0.0333	0.8192	0.8485	0.0568
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9540	0.0230	0.9389	0.9035	0.1799
car-insurance	0.8360	0.1640	0.8046	0.6070	0.6192
card	0.8986	0.1014	0.8960	0.7888	0.4180
cardiotocography	0.8498	0.0300	0.8146	0.8192	0.1714
cardiotocography-nsp	0.9249	0.0501	0.8504	0.7722	0.1747
cardiovascular	0.7372	0.2628	0.7382	0.4744	0.7642
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.7137	0.6053	0.4715
cas_N6512_cdk_ECFP2	0.7650	0.2350	0.7651	0.5292	0.7242
cas_N6512_rdkit_ATOMPAIR	0.7769	0.2231	0.7759	0.5517	0.7069
cas_N6512_RDkit_AtomPair_FP	0.7592	0.2408	0.7577	0.5154	0.7367
cas_N6512_rdkit_AVALON	0.7911	0.2089	0.7923	0.5824	0.6753
cas_N6512_RDkit_Avalon_FP	0.8236	0.1764	0.8246	0.6472	0.6131
cas_N6512_rdkit_descriptors	0.7954	0.2046	0.7956	0.5902	0.6710
cas_N6512_rdkit_FEATMORGAN	0.7942	0.2058	0.7930	0.5860	0.6766
cas_N6512_RDkit_Featmorgan_FP	0.8006	0.1994	0.7999	0.5996	0.6640
cas_N6512_RDkit_FP	0.7807	0.2193	0.7798	0.5595	0.7002
cas_N6512_rdkit_LAYERED	0.7923	0.2077	0.7942	0.5854	0.6703
cas_N6512_RDkit_Layered_FP	0.7761	0.2239	0.7750	0.5499	0.7085
cas_N6512_rdkit_MACCS	0.7969	0.2031	0.7955	0.5910	0.6716
cas_N6512_RDkit_MACCS_FP	0.8074	0.1926	0.8088	0.6150	0.6439
cas_N6512_rdkit_MORGAN	0.8154	0.1846	0.8144	0.6287	0.6360
cas_N6512_RDkit_morgan_FP	0.8175	0.1825	0.8165	0.6329	0.6318
cas_N6512_rdkit_PATTERN	0.7769	0.2231	0.7797	0.5553	0.6945
cas_N6512_RDkit_pattern_FP	0.7669	0.2331	0.7683	0.5343	0.7168
cas_N6512_rdkit_RDKITFP	0.7727	0.2273	0.7719	0.5436	0.7138
cas_N6512_rdkit_TORSION	0.7703	0.2297	0.7694	0.5386	0.7177
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8135	0.1865	0.8004	0.5994	0.6552
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6520	0.2218	0.4415
central-nervous-system	0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B	0.9186	0.0814	0.4788	-0.0203	0.5749
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.8527	0.6560	0.0768
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.9307	0.0346	0.8299	0.8960	0.1203
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7960	0.2040	0.4432	0.0000	0.3564

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn-bigml	0.9476	0.0524	0.8895	0.7531	0.1510
ci900367j_MACCS	0.6842	0.3158	0.6522	0.2987	0.8482
circles	0.9990	0.0000	0.9990	0.9990	0.0005
cirrhosis	0.7381	0.1746	0.5010	0.4526	0.3795
cjs	0.9929	0.0024	0.9941	0.9913	0.0153
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8139	0.0931	0.6814	0.7026	0.2997
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7013	0.4286	0.3779
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5374	0.3084	0.5131	0.2766	0.7170
cnae-9	0.9444	0.0123	0.9471	0.9375	0.0622
codon_usage	0.9125	0.0159	0.7605	0.8931	0.1128
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.8200	0.0240	0.6922	0.8012	0.0621
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7586	0.2414	0.7208	0.3940	0.6569
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7241	0.2759	0.7304	0.4423	0.7404
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	0.9840	0.0107	0.6716	0.4634	0.0865
cottonmeloidogyne	0.7404	0.2596	0.7426	0.4813	0.7541
covtypeCD	0.9881	0.0119	0.9744	0.9485	0.1116
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9993	0.0007	0.8888	0.7497	0.0040
crowdsourced	0.9493	0.0169	0.8638	0.8940	0.1062
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.6562	0.0215	0.5903	0.6452	0.0645
customer-churn	0.9824	0.0176	0.7254	0.4057	0.3963
cybersecurity	0.1633	0.2789	0.1846	-0.0148	0.6637
cyclopentane	0.6667	0.3333	0.6657	0.3306	0.8586
cylinder-bands	0.8333	0.1667	0.8308	0.6611	0.6017
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8257	0.1743	0.7127	0.3914	0.6398
defect	0.9506	0.0494	0.9041	0.7944	0.2124
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.3901	0.1579	0.6489
dexter	0.9500	0.0500	0.9523	0.9000	0.2092
df_final	0.6250	0.2500	0.6620	0.4146	0.4633
DIA	0.8667	0.1333	0.8179	0.5676	0.2951
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-risk	0.9196	0.0804	0.8722	0.7399	0.4176
diabetic1%	0.5686	0.2876	0.3594	0.0856	0.3513
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dlbcl-nih	0.6667	0.3333	0.6543	0.2500	0.7414
dlbcl-stanford	1.0000	0.0000	1.0000	1.0000	0.0000
dorothea	0.9478	0.0522	0.8310	0.6399	0.3592
dota210%	0.5680	0.4320	0.5641	0.1099	0.8955
dropout	0.7765	0.1490	0.6939	0.6182	0.4229
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5000	0.1429	0.1647	0.0421	0.4892
drug-03	0.6968	0.1011	0.1965	0.0808	0.2690
drug-04	0.5213	0.1368	0.1497	0.0374	0.4606
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3936	0.1733	0.2200	0.2322	0.5887
drug-07	0.4787	0.1738	0.1711	0.1010	0.3282
drug-08	0.5691	0.1231	0.1780	0.0926	0.2845
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.1452	0.1014	0.3427
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1724	0.2464	0.3288
drug-14	0.6117	0.1109	0.3093	0.2783	0.4661
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5691	0.1436	0.1990	0.2110	0.3464
drug-17	0.3883	0.1748	0.1409	0.1355	0.4215
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9206	0.0227	0.9335	0.9040	0.1291
ecoli	0.8235	0.0588	0.6893	0.7521	0.1465
ecoliCP-IM	0.5909	0.4091	0.7058	0.2878	0.5306
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2300	0.3850	0.2350	-0.0272	0.8547
eeg-eye	0.9246	0.0754	0.9242	0.8466	0.3424
eeg10%	0.4552	0.0681	0.4739	0.3929	0.5028
eucalyptus	0.6438	0.1425	0.6313	0.5342	0.3424
euthyroid	0.9652	0.0348	0.8979	0.7944	0.3409
fakenews	0.5325	0.4675	0.5405	0.0587	0.8628
farm-ads	0.8913	0.1087	0.8925	0.7799	0.4288
fbis-wc	0.8211	0.0210	0.7839	0.7942	0.1121
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8431	0.1569	0.8436	0.6782	0.5414
financial-risk	0.8300	0.0567	0.5273	0.7184	0.1977
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.8000	0.0571	0.4994	0.7419	0.1179
forest	0.8846	0.0577	0.8750	0.8402	0.1464
gastrointestinal	0.8750	0.0833	0.8485	0.7838	0.1211
gender	0.6063	0.2625	0.4515	0.1178	0.5023
gene	0.9274	0.0484	0.9171	0.8830	0.1975
german	0.7200	0.2800	0.6885	0.2573	0.5621
gestures	0.9247	0.0377	0.9249	0.8995	0.1680
gina	0.9395	0.0605	0.9395	0.8789	0.3053
glass	0.7143	0.0952	0.5520	0.5922	0.2521
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.8571	0.1429	0.8355	0.6667	0.5507
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.5333	0.2333	0.4456	0.3478	0.4681
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7000	0.3000	0.5682	0.1290	0.8673
har	0.9934	0.0027	0.9926	0.9916	0.0183
har701%	0.9283	0.0205	0.5447	0.8931	0.0986
harth1%	0.8771	0.0205	0.5910	0.8318	0.1776
hayes-roth	0.5625	0.2917	0.6429	0.3129	0.4109
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.4516	0.5484	0.3111	0.0000	0.5305
heart-c	0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure	0.9820	0.0180	0.9791	0.9577	0.1012
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.9110	0.8060	0.4011
higgs0.1%	0.6855	0.3145	0.6837	0.3672	0.8400
higher	0.2857	0.1786	0.1471	0.1358	0.2881
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.7812	0.2188	0.7830	0.5556	0.6683
hiv1-proteasa	0.8702	0.1298	0.7332	0.4195	0.5432
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6667	0.2222	0.4695	0.3684	0.4292
hotel-reservartions	0.9055	0.0945	0.8911	0.7797	0.4193
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9799	0.0201	0.9371	0.8714	0.1851
hypothyroid	0.9973	0.0013	0.7496	0.9840	0.0048
hypothyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
ilpd	0.7288	0.2712	0.6129	0.1631	0.7196
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9773	0.0113	0.9779	0.9698	0.0460
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.9101	0.0069	0.9137	0.9065	0.0745
jm1	0.8274	0.1726	0.6666	0.2718	0.6228
jvowels	0.9829	0.0038	0.9812	0.9807	0.0282
kc1	0.8815	0.1185	0.7476	0.3506	0.2579
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.6751	0.3350	0.7254
kdc-4007	0.7506	0.0712	0.7616	0.7087	0.3370
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8849	0.0767	0.8438	0.8098	0.2118
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7686	0.0257	0.7733	0.7407	0.2374
krvskp	0.9843	0.0157	0.9843	0.9686	0.1099
la1s-wc	0.8540	0.0487	0.8307	0.8126	0.1850
la2s-wc	0.8907	0.0364	0.8723	0.8608	0.1569
labor	0.8333	0.1667	0.8537	0.6667	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leaf	0.7353	0.0230	0.7017	0.7213	0.0774
led24	0.6500	0.0778	0.6832	0.6011	0.1945
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9620	0.0029	0.9616	0.9605	0.0456
leukemia	0.8571	0.0952	0.8602	0.7812	0.1327
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8889	0.0148	0.9142	0.8807	0.0415
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.7059	0.2941	0.6994	0.3863	0.7816
loan	0.9836	0.0164	0.9827	0.9648	0.0814
localization10%	0.6547	0.0628	0.3822	0.5442	0.3369
lrs	0.8679	0.0377	0.8173	0.8169	0.1187
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.6462	0.3538	0.6463	0.2923	0.8834
magic04	0.8706	0.1294	0.8557	0.7077	0.5111
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8643	0.7285	0.5266
marketing	0.8973	0.1027	0.7717	0.4258	0.2350
maternal	0.8317	0.1122	0.8370	0.7437	0.3632
math	0.8500	0.0750	0.8053	0.7605	0.1664
mba	0.8339	0.1108	0.3643	0.0305	0.2905
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2533	0.2987	0.2164	0.0593	0.6569
messidor	0.6696	0.3304	0.6624	0.3246	0.8615
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9583	0.9234	0.0743
mfeat-fac	0.9700	0.0060	0.9708	0.9667	0.0352
mfeat-fou	0.7950	0.0410	0.7973	0.7722	0.1553
mfeat-kar	0.9750	0.0050	0.9760	0.9722	0.0314
mfeat-mor	0.6900	0.0620	0.6959	0.6556	0.1961
mfeat-pix	0.9800	0.0040	0.9809	0.9778	0.0225
mfeat-zer	0.8100	0.0380	0.8071	0.7889	0.1103
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5056	0.4475	0.3970
mobile	0.9510	0.0017	0.9556	0.9502	0.0231
monks-1	0.9636	0.0364	0.9636	0.9272	0.2103
monks-2	0.8689	0.1311	0.8521	0.6958	0.4955
monks-3	0.9464	0.0536	0.9466	0.8926	0.2736
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5011	0.0907	0.5589	0.3811	0.4559
musk	0.9500	0.0500	0.8995	0.7835	0.2147
MUT_ci300400a_cdk_ECFP2	0.8058	0.1942	0.7998	0.5996	0.6597
MUT_ci300400a_cdk_ECFP4	0.8204	0.1796	0.8152	0.6305	0.6312
MUT_ci300400a_cdk_ECFP6	0.8096	0.1904	0.8026	0.6020	0.6420

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ESTATE	0.7758	0.2242	0.7682	0.5361	0.7135
MUT_ci300400a_cdk_EXTENDED	0.8513	0.1487	0.8475	0.6950	0.5642
MUT_ci300400a_cdk_FCFP2	0.8383	0.1617	0.8328	0.6648	0.5898
MUT_ci300400a_cdk_FCFP4	0.7986	0.2014	0.7929	0.5858	0.6735
MUT_ci300400a_cdk_FCFP6	0.8106	0.1894	0.8061	0.6120	0.6501
MUT_ci300400a_cdk_MACCS	0.8405	0.1595	0.8357	0.6714	0.5880
MUT_ci300400a_cdk_PUBCHEM	0.8515	0.1485	0.8470	0.6940	0.5633
MUT_ci300400a_rdkit_descriptors	0.8296	0.1704	0.8267	0.6531	0.6100
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9739	0.0261	0.9739	0.9478	0.1635
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.5000	0.1667	0.4545	0.4000	0.1855
ncRNA1%	0.9145	0.0090	0.5316	0.7598	0.4047
neo	0.9168	0.0832	0.7018	0.3116	0.4305
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9634	0.0366	0.9550	0.9099	0.2331
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9861	0.0069	0.9642	0.9796	0.0312
obesity	0.9336	0.0190	0.9362	0.9225	0.0819
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9937	0.0063	0.9912	0.9823	0.0807
Occupancy_Estimation	0.9941	0.0030	0.9783	0.9819	0.0134
oh0-wc	0.9505	0.0099	0.9537	0.9434	0.0504
oh10-wc	0.7905	0.0419	0.7816	0.7602	0.1850
oh15-wc	0.8696	0.0261	0.8787	0.8511	0.1208
oh5-wc	0.8352	0.0330	0.8529	0.8127	0.1435
ohscal-wc	0.7984	0.0403	0.7881	0.7743	0.2663
olive	0.9298	0.0156	0.9192	0.9123	0.0470
optdigits	0.9733	0.0053	0.9753	0.9703	0.0386
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9328	0.0672	0.7031	0.1787	0.1695
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8454	0.1546	0.8266	0.6530	0.5950
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8996	0.7943	0.4192
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9854	0.0059	0.9407	0.9177	0.1355
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.8626	0.1374	0.8525	0.6985	0.5119
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle10%	0.9154	0.0846	0.8949	0.7898	0.4289
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9279	0.0721	0.7306	0.4612	0.6104
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8939	0.7647	0.2161
pediatric-leukemia	0.7941	0.0588	0.7244	0.7441	0.1659
pendigits	0.9918	0.0016	0.9919	0.9909	0.0155
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8222	0.1778	0.8080	0.6145	0.6303
pet-adoption	0.9350	0.0650	0.9259	0.8489	0.3030
phishing	0.9633	0.0367	0.9615	0.9222	0.1956
phone-acc0.1%	0.8499	0.0429	0.8431	0.8244	0.1442

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phone-gyr0.1%	0.8751	0.0357	0.8686	0.8538	0.1526
phoneme	0.9167	0.0833	0.8959	0.7911	0.4126
pima	0.6974	0.3026	0.6769	0.2974	0.7169
pirvision	0.9889	0.0074	0.9720	0.9645	0.0638
placement	0.7950	0.2050	0.7879	0.5741	0.6749
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9551	0.0449	0.7227	0.4010	0.4510
polish-5th	0.9492	0.0508	0.7656	0.4923	0.4154
polya	0.7827	0.2173	0.7556	0.5008	0.6919
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6777	0.3529	0.8439
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0839	0.3279	0.3760	0.2300
profb	0.7313	0.2687	0.6689	0.2923	0.7269
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9922	0.0031	0.9865	0.9895	0.0249
pulsar	0.9848	0.0152	0.9536	0.9057	0.1524
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.7444	0.0125	0.4098	0.7071	0.1433
re0-wc	0.8200	0.0277	0.7416	0.7609	0.1813
re1-wc	0.7892	0.0169	0.5420	0.7551	0.1216
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8711	0.0054	0.4701	0.8187	0.0843
rice	0.9868	0.0132	0.9867	0.9733	0.0932
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6981	0.3019	0.6855	0.3708	0.8303
satimage	0.9036	0.0321	0.8863	0.8806	0.1498
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.9393	0.0607	0.8094	0.5767	0.3369
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5000	0.5000	0.5000	0.0000	0.9949
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9610	0.0111	0.9661	0.9544	0.0495
segmentation	0.8713	0.1287	0.8583	0.7159	0.5234
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8789	0.1211	0.6856	0.1312	0.2567
sens-3-gram	0.8763	0.1237	0.6559	0.1245	0.3621
sens-4-gram	0.8684	0.1316	0.5897	0.0557	0.4398
sens-5-gram	0.8711	0.1289	0.6601	0.0342	0.2664
sens-6-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-7-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9011	0.0989	0.7898	0.5642	0.5196
shuttle	0.9997	0.0001	0.9713	0.9990	0.0146
sick	0.9761	0.0239	0.8960	0.7685	0.0796

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9980	0.0020	0.9969	0.9938	0.0375
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.2551	0.0064	0.7596
smk_can_187	0.6842	0.3158	0.6841	0.3596	0.8222
soil_pollution	0.2167	0.3133	0.2190	0.0196	0.8545
solar-flare	0.7482	0.0839	0.5427	0.6733	0.1894
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	1.0000	0.0000	1.0000	1.0000	0.0000
spam-detection	0.9520	0.0480	0.8491	0.6964	0.4410
spambase	0.9391	0.0609	0.9362	0.8720	0.3070
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.9143	0.0857	0.8956	0.7692	0.2345
spectrometer	0.6731	0.0242	0.5216	0.6535	0.1098
splice-EI	0.9685	0.0315	0.9578	0.9150	0.1989
splice-IE	0.9211	0.0789	0.8871	0.7700	0.3910
sport-articles	0.8500	0.1500	0.8401	0.6800	0.5773
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9124	0.0584	0.8889	0.8573	0.2101
steel-b	0.8513	0.1487	0.7568	0.5033	0.6282
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.8308	0.1692	0.8088	0.6101	0.5991
steel-p	0.9179	0.0821	0.6440	0.2387	0.5624
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9795	0.0205	0.9417	0.8834	0.2660
stock	0.8889	0.1111	0.7977	0.5874	0.5507
stockb	0.9912	0.0059	0.9913	0.9868	0.0318
streaming	0.9900	0.0100	0.9899	0.9798	0.0757
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.6450	0.1420	0.3542	0.4043	0.3817
student-depression	0.8340	0.1659	0.8278	0.6524	0.5905
student-habits	0.3700	0.2520	0.1721	0.0076	0.5541
student-weekend	0.4308	0.2277	0.2816	0.1623	0.5625
student-workday	0.7188	0.1125	0.2655	0.0777	0.2017
studentap	0.5385	0.3077	0.4242	0.2642	0.6301
susy1%	0.8008	0.1992	0.7998	0.5943	0.6481
tae	0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn	0.8991	0.1009	0.8662	0.7271	0.4490
texture	0.9836	0.0030	0.9848	0.9820	0.0252
theorem	0.9984	0.0016	0.9983	0.9966	0.0133
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9789	0.0211	0.7842	0.5608	0.4524
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis10%	0.8284	0.1716	0.7584	0.3959	0.3363
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.6471	0.3529	0.5597	0.0893	0.8324
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7067	0.2933	0.5659	0.1297	0.8653
trec11-wc	0.8780	0.0271	0.7182	0.8478	0.0531
trec12-wc	0.9032	0.0242	0.9180	0.8829	0.0568
trec21-wc	0.8788	0.0485	0.5329	0.7027	0.1107

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec23-wc	0.8095	0.0635	0.4575	0.7083	0.1453
trec31-wc	0.9462	0.0179	0.9371	0.9284	0.0821
trec41-wc	0.8977	0.0205	0.8178	0.8746	0.1159
trec45-wc	0.9130	0.0174	0.8275	0.8977	0.0646
tuandromd	0.9909	0.0091	0.9854	0.9703	0.0420
turkish	0.8750	0.0625	0.8734	0.8333	0.1676
tvnews1%	0.9538	0.0462	0.9506	0.8992	0.2218
tvnews10%	0.9029	0.0971	0.8951	0.7902	0.4369
ur3_cobotops_grip	0.9755	0.0245	0.7655	0.3921	0.0790
ur3_cobotops_stop	0.9687	0.0313	0.7223	0.3966	0.4197
urban	0.8060	0.0431	0.8237	0.7732	0.1670
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7738	0.1131	0.7349	0.6949	0.2212
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.7071	0.0533	0.7322	0.6778	0.1745
vowelZ	0.9293	0.0707	0.7480	0.3419	0.1774
wap-wc	0.7628	0.0237	0.5612	0.7318	0.1438
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9232	0.0219	0.9225	0.9101	0.0929
watch-gyr1%	0.9189	0.0232	0.9164	0.9053	0.0979
water_pollution	0.2333	0.3833	0.2245	-0.0270	0.8356
waveform	0.8440	0.1040	0.8452	0.7660	0.3564
weather-related	0.9769	0.0042	0.9783	0.9738	0.0282
web-phishing	0.8741	0.0840	0.8069	0.7747	0.3453
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9793	0.0207	0.8829	0.7620	0.3176
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6981	0.1006	0.3418	0.5145	0.4625
winequality-white	0.6810	0.1063	0.4674	0.5050	0.4349
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.7500	0.0333	0.6732	0.7311	0.0600
yeast	0.6014	0.0886	0.4721	0.4841	0.3374
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1	0.9595	0.0405	0.6146	0.2292	0.5992
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9548	0.0090	0.9501	0.9494	0.0753

Table 509: Detailed results for RF(SK)^{CV} Noise 5%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1103	0.0774	0.1078	0.0598	0.6832
abalone19	0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18	0.8356	0.1644	0.5425	0.0701	0.5339
accelerometer	0.9772	0.0228	0.6877	0.3749	0.5682
accident	0.5000	0.5000	0.5000	0.0000	1.0000
ads	0.9726	0.0274	0.9413	0.8785	0.1617
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8571	0.1429	0.5117	0.0233	0.7243
AID_1431_MACCSFingerprinter	0.8810	0.1190	0.4684	-0.0488	0.7141
AID_1878	0.7905	0.2095	0.5394	0.0625	0.7749
AID_602330	0.9479	0.0521	0.4866	-0.0169	0.5830
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.7065	0.4033	0.6919
AID1284red	0.8611	0.1389	0.6850	0.3662	0.6914
AID1608Morered	0.8932	0.1068	0.4718	-0.0520	0.7030
AID1608red	0.9029	0.0971	0.4745	-0.0489	0.6827
AID362red	0.9813	0.0187	0.5988	0.1909	0.5648
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red	0.6500	0.3500	0.5631	0.1250	0.9054
AID687red	0.9924	0.0076	0.4981	-0.0036	0.4564
AID688red	0.9860	0.0140	0.4965	-0.0063	0.5653
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.6667	0.3333	0.4000	-0.1739	0.9159
AID746AID1284red	0.9951	0.0049	0.4988	-0.0016	0.2707
aids	0.8967	0.1033	0.8620	0.7237	0.5121
air_pollution	0.3633	0.1819	0.1529	0.0064	0.7203
alcohol	0.8286	0.0686	0.6781	0.6378	0.3122
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9535	0.0465	0.9491	0.8964	0.2299
anneal	0.9663	0.0135	0.9674	0.9317	0.1118
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9791	0.0104	0.9466	0.9601	0.0521
anuran-genus	0.9819	0.0045	0.9462	0.9704	0.0962
anuran-species	0.9833	0.0033	0.9645	0.9768	0.0490
anxiety	0.0917	0.2019	0.0846	-0.0235	0.8149
apple-quality	0.8700	0.1300	0.8709	0.7400	0.5047
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.8000	0.0400	0.6377	0.6699	0.2371
auction	0.9951	0.0049	0.9893	0.9783	0.1081
audiology	0.7273	0.0496	0.5110	0.6773	0.1132
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0600	0.8598	0.8020	0.1437
avila	0.9914	0.0014	0.9655	0.9888	0.1047
babies	0.2823	0.2051	0.1649	0.0534	0.7542
balance	0.8226	0.1183	0.6591	0.6955	0.3731
bank	0.8891	0.1109	0.8015	0.5725	0.5905
banknote	0.9854	0.0146	0.9855	0.9705	0.0960

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9078	0.0922	0.9009	0.7918	0.3460
basehock	0.9899	0.0100	0.9899	0.9799	0.0768
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698
biodeg	0.8762	0.1238	0.8713	0.7412	0.5090
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9839	0.0046	0.4307	0.2938	0.4438
body-perf	0.7321	0.1340	0.7322	0.6428	0.4135
brain-tumor	0.5105	0.4895	0.5105	0.0209	0.9939
breast-cancer	0.7143	0.2857	0.6769	0.3488	0.8025
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6222	0.7143	0.0623
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4180	0.3880	0.3113	-0.0547	0.7340
car	0.9368	0.0316	0.9049	0.8714	0.2991
car-insurance	0.8280	0.1720	0.8103	0.6167	0.6325
card	0.8986	0.1014	0.8981	0.7868	0.3780
cardiotocography	0.8920	0.0216	0.8945	0.8717	0.1460
cardiotocography-nsp	0.9202	0.0532	0.8651	0.7897	0.3623
cardiovascular	0.7381	0.2619	0.7392	0.4761	0.7621
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5699	0.4415	0.5666
cas_N6512_cdk_ECFP2	0.7435	0.2565	0.7452	0.4879	0.7530
cas_N6512_rdkit_ATOMPAIR	0.7723	0.2277	0.7732	0.5447	0.7094
cas_N6512_RDkit_AtomPair_FP	0.7822	0.2178	0.7814	0.5627	0.6974
cas_N6512_rdkit_AVALON	0.7880	0.2120	0.7897	0.5767	0.6788
cas_N6512_RDkit_Avalon_FP	0.8252	0.1748	0.8262	0.6504	0.6094
cas_N6512_rdkit_descriptors	0.7877	0.2123	0.7892	0.5759	0.6804
cas_N6512_rdkit_FEATMORGAN	0.7496	0.2504	0.7499	0.4987	0.7482
cas_N6512_RDkit_Featmorgan_FP	0.7730	0.2270	0.7727	0.5448	0.7121
cas_N6512_RDkit_FP	0.7822	0.2178	0.7819	0.5633	0.6962
cas_N6512_rdkit_LAYERED	0.7938	0.2062	0.7962	0.5888	0.6655
cas_N6512_RDkit_Layered_FP	0.7684	0.2316	0.7676	0.5351	0.7208
cas_N6512_rdkit_MACCS	0.7908	0.2092	0.7892	0.5784	0.6828
cas_N6512_RDkit_MACCS_FP	0.7781	0.2219	0.7795	0.5566	0.6976
cas_N6512_rdkit_MORGAN	0.8092	0.1908	0.8083	0.6166	0.6480
cas_N6512_RDkit_morgan_FP	0.7853	0.2147	0.7850	0.5694	0.6908
cas_N6512_rdkit_PATTERN	0.7815	0.2185	0.7833	0.5638	0.6904
cas_N6512_RDkit_pattern_FP	0.7791	0.2209	0.7809	0.5590	0.6947
cas_N6512_rdkit_RDKITFP	0.7788	0.2212	0.7782	0.5561	0.7030
cas_N6512_rdkit_TORSION	0.7672	0.2328	0.7687	0.5350	0.7156
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7617	0.2383	0.7732	0.5226	0.6721
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9559	0.0441	0.7462	0.4921	0.5747
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9188	0.0812	0.6135	0.2243	0.6285
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9767	0.0233	0.9104	0.8208	0.3445
cervical-C	0.9070	0.0930	0.6457	0.2848	0.6338
cervical-H	0.8953	0.1047	0.7730	0.4300	0.4858
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.9399	0.0301	0.9250	0.9102	0.1256
chrom191%	0.9959	0.0041	0.7580	0.3624	0.4150
chrom1910%	0.9979	0.0021	0.7519	0.4366	0.5015
chronic-kidney	0.9277	0.0723	0.6909	0.1332	0.1784

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn	0.8380	0.1620	0.7506	0.5012	0.6817
churn-bigml	0.9738	0.0262	0.9481	0.8960	0.2657
ci900367j_MACCS	0.7158	0.2842	0.7116	0.4182	0.7898
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7857	0.1429	0.7620	0.5753	0.3543
cjs	0.9893	0.0036	0.9902	0.9869	0.0194
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8019	0.0991	0.6996	0.7018	0.4487
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8400	0.1600	0.4565	-0.0811	0.7590
cmc	0.5510	0.2993	0.5401	0.3160	0.6828
cnae-9	0.9444	0.0123	0.9484	0.9375	0.0581
codon_usage	0.9286	0.0130	0.7905	0.9131	0.1133
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9055	0.8092	0.4196
collins	0.8600	0.0187	0.8869	0.8462	0.0772
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.7931	0.2069	0.7632	0.5193	0.6844
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.7931	0.2069	0.7237	0.4387	0.7155
colposcopies-5	0.8276	0.1724	0.6738	0.3439	0.7289
colposcopies-6	0.6897	0.3103	0.7123	0.3680	0.6869
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7742	0.1505	0.6845	0.6303	0.2970
connect-4	0.9520	0.0320	0.6475	0.4442	0.5007
cottonmeloidogyne	0.7548	0.2452	0.7571	0.5102	0.7309
covtypeCD	0.9786	0.0214	0.9574	0.9133	0.2673
crabs	0.9000	0.0500	0.9141	0.8667	0.0833
creditcard_trans10%	0.9968	0.0032	0.7653	0.4693	0.5139
crowdsourced	0.9484	0.0172	0.8656	0.8943	0.1452
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.5000	0.0312	0.4320	0.4839	0.0971
customer-churn	0.9412	0.0588	0.6990	0.3100	0.4683
cybersecurity	0.1667	0.2778	0.1698	-0.0006	0.8872
cyclopentane	0.6296	0.3704	0.6201	0.2373	0.9000
cylinder-bands	0.7407	0.2593	0.7385	0.4757	0.7630
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8130	0.1870	0.7239	0.4476	0.7194
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.7692	0.2308	0.5150	0.0284	0.8255
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.2500	0.5000	0.1667	-0.1429	0.6406
dexter	0.9500	0.0500	0.9523	0.9000	0.2092
df_final	0.6250	0.2500	0.6667	0.4545	0.3267
DIA	0.8667	0.1333	0.8179	0.5676	0.2951
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-risk	0.9110	0.0890	0.8710	0.7402	0.4971
diabetic1%	0.5000	0.3333	0.4116	0.1356	0.7483
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.4583	0.5417	0.4345	-0.1304	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota210%	0.5699	0.4301	0.5670	0.1337	0.9538
dropout	0.7585	0.1610	0.6960	0.6041	0.4720
drug-01	0.2926	0.2021	0.2289	0.0374	0.8707
drug-02	0.4362	0.1611	0.2825	0.2378	0.7650
drug-03	0.5638	0.1454	0.2289	0.1486	0.5651
drug-04	0.3883	0.1748	0.2103	0.1533	0.8543
drug-05	0.6915	0.0881	0.1179	-0.0118	0.6972
drug-06	0.3883	0.1748	0.2831	0.2512	0.6318
drug-07	0.3670	0.2110	0.1652	0.0048	0.5736
drug-08	0.4362	0.1611	0.2388	0.1850	0.7103
drug-09	0.8032	0.0656	0.2148	0.1276	0.5069
drug-10	0.5000	0.1429	0.2688	0.2247	0.7243
drug-11	0.7287	0.0775	0.2085	0.1249	0.7858
drug-12	0.7181	0.0940	0.2607	0.1298	0.6744
drug-13	0.5426	0.1307	0.1835	0.2470	0.7608
drug-14	0.5638	0.1246	0.3388	0.3495	0.6291
drug-15	0.5638	0.1246	0.2023	0.1534	0.8188
drug-16	0.5319	0.1560	0.3406	0.3331	0.6373
drug-17	0.2766	0.2067	0.2043	0.1049	0.8129
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.6011	0.1140	0.1659	0.0855	0.6164
drybean	0.9162	0.0239	0.9298	0.8988	0.1363
ecoli	0.9118	0.0294	0.7776	0.8774	0.1035
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8825	0.7626	0.4778
ecoliMU	0.8182	0.1818	0.6810	0.3125	0.6037
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.1700	0.4150	0.1653	-0.1049	0.8985
eeg-eye	0.9065	0.0935	0.9055	0.8106	0.4116
eeg10%	0.4484	0.0690	0.4737	0.3936	0.5854
eucalyptus	0.6575	0.1370	0.6438	0.5649	0.3435
euthyroid	0.9715	0.0285	0.9207	0.8413	0.3404
fakenews	0.5225	0.4775	0.5226	0.0451	0.9865
farm-ads	0.9034	0.0966	0.9039	0.8047	0.4028
fbis-wc	0.8699	0.0153	0.8434	0.8530	0.1038
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.7647	0.2353	0.7614	0.5211	0.7247
financial-risk	0.8840	0.0387	0.6943	0.8154	0.1823
fishcatch	0.9375	0.0208	0.9554	0.9220	0.0612
flags	0.6000	0.1143	0.4799	0.5062	0.2874
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gastrointestinal	0.8125	0.1250	0.8305	0.6981	0.2631
gender	0.5789	0.2807	0.4721	0.1804	0.7140
gene	0.9401	0.0400	0.9338	0.9040	0.1741
german	0.7000	0.3000	0.6621	0.3228	0.8396
gestures	0.9247	0.0377	0.9248	0.8995	0.1719
gina	0.9510	0.0490	0.9511	0.9020	0.2613
glass	0.8095	0.0635	0.7728	0.7375	0.1774
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP	0.8095	0.1905	0.8063	0.6000	0.6336
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8929	0.1071	0.8922	0.7823	0.4537
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.5098	0.2982	0.5646
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7667	0.2333	0.7139	0.4262	0.7592
har	0.9964	0.0014	0.9960	0.9955	0.0099
har701%	0.9173	0.0236	0.6337	0.8796	0.1954
harth1%	0.8681	0.0220	0.6159	0.8216	0.2625
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.7647	0.2353	0.7747	0.5342	0.6845
health-activity	0.7800	0.1100	0.3343	0.0690	0.1892
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9000	0.1000	0.9009	0.8000	0.4259
heart-failure	0.9820	0.0180	0.9791	0.9579	0.1142
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6945	0.3055	0.6936	0.3872	0.8285
higher	0.1429	0.2143	0.1250	0.0000	0.4217
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.6875	0.3125	0.6863	0.3725	0.8375
hiv1-proteasa	0.9157	0.0843	0.8686	0.7293	0.5100
hiva	0.9433	0.0567	0.5571	0.1137	0.6245
horse	0.7222	0.1852	0.7205	0.5391	0.5052
hotel-reservartions	0.8991	0.1009	0.8860	0.7719	0.4638
hr	0.8561	0.1439	0.5308	0.0216	0.5415
htru2	0.9754	0.0246	0.9270	0.8539	0.3192
hypothyroid	0.9788	0.0106	0.7086	0.8846	0.3145
hypothyroidT	0.9947	0.0053	0.9822	0.9638	0.1636
ilpd	0.6610	0.3390	0.5868	0.1737	0.8848
immuno-therapy	1.0000	0.0000	1.0000	1.0000	0.0000
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.9429	0.0571	0.9404	0.8736	0.2987
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9800	0.9592	0.1023
isolet	0.9037	0.0074	0.9091	0.8999	0.0791
jm1	0.7980	0.2020	0.6720	0.3439	0.7586
jvowels	0.9709	0.0065	0.9686	0.9670	0.0461
kc1	0.8531	0.1469	0.7388	0.4756	0.6780
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6154	0.1538	0.2878	0.2935	0.2381
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7885	0.2115	0.6935	0.3863	0.7537
kdc-4007	0.7880	0.0606	0.7908	0.7526	0.3124
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8944	0.0704	0.8559	0.8261	0.2010
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7340	0.0295	0.7211	0.7051	0.4345
krvskp	0.9812	0.0188	0.9813	0.9623	0.1219
la1s-wc	0.8921	0.0360	0.8727	0.8647	0.1973
la2s-wc	0.8874	0.0375	0.8736	0.8585	0.2001

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.7059	0.0256	0.6601	0.6901	0.0768
led24	0.7500	0.0556	0.7773	0.7159	0.1371
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9495	0.0039	0.9495	0.9475	0.0588
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8611	0.0185	0.8573	0.8512	0.0512
linkage1%	0.9929	0.0071	0.8008	0.5033	0.5026
liver	0.5882	0.4118	0.6174	0.2093	0.8199
loan	0.9883	0.0117	0.9875	0.9750	0.0789
localization10%	0.6177	0.0695	0.4460	0.5384	0.6735
lrs	0.8302	0.0485	0.6225	0.7669	0.1626
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.7423	0.2577	0.7429	0.4846	0.7586
magic04	0.8738	0.1262	0.8603	0.7202	0.5200
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8543	0.7080	0.5499
marketing	0.8884	0.1116	0.7697	0.5384	0.6135
maternal	0.7426	0.1716	0.7510	0.6093	0.4654
math	0.8250	0.0875	0.8104	0.7429	0.2762
mba	0.7565	0.1624	0.4800	0.3780	0.5872
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2133	0.3147	0.2145	0.0167	0.8674
messidor	0.6609	0.3391	0.6595	0.3179	0.8639
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9600	0.0080	0.9604	0.9556	0.0481
mfeat-fou	0.7950	0.0410	0.7974	0.7722	0.1561
mfeat-kar	0.9650	0.0070	0.9663	0.9611	0.0438
mfeat-mor	0.7050	0.0590	0.7080	0.6722	0.2001
mfeat-pix	0.9800	0.0040	0.9806	0.9778	0.0250
mfeat-zer	0.7550	0.0490	0.7597	0.7278	0.1673
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5579	0.4837	0.4362
mobile	0.9545	0.0016	0.9592	0.9537	0.0192
monks-1	0.9636	0.0364	0.9648	0.9272	0.1675
monks-2	0.9016	0.0984	0.8945	0.7870	0.4500
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4889	0.0929	0.5461	0.4081	0.5551
musk	0.9652	0.0348	0.9310	0.8557	0.1771
MUT_ci300400a_cdk_ECFP2	0.7890	0.2110	0.7892	0.5744	0.6780
MUT_ci300400a_cdk_ECFP4	0.8096	0.1904	0.8089	0.6148	0.6429

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP6	0.8000	0.2000	0.7961	0.5917	0.6689
MUT_ci300400a_cdk_ESTATE	0.7410	0.2590	0.7446	0.4822	0.7456
MUT_ci300400a_cdk_EXTENDED	0.8369	0.1631	0.8363	0.6698	0.5878
MUT_ci300400a_cdk_FCFP2	0.7737	0.2263	0.7730	0.5428	0.7064
MUT_ci300400a_cdk_FCFP4	0.7770	0.2230	0.7751	0.5480	0.7044
MUT_ci300400a_cdk_FCFP6	0.7974	0.2026	0.7975	0.5912	0.6631
MUT_ci300400a_cdk_MACCS	0.8237	0.1763	0.8212	0.6412	0.6208
MUT_ci300400a_cdk_PUBCHEM	0.8455	0.1545	0.8427	0.6847	0.5758
MUT_ci300400a_cdk_STANDARD	0.8299	0.1701	0.8269	0.6530	0.6093
MUT_ci300400a_rdkit_descriptors	0.8421	0.1579	0.8409	0.6803	0.5795
myocardial	0.8882	0.0279	0.3177	0.4309	0.0941
naticusdroid	0.9687	0.0313	0.9688	0.9374	0.1866
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.3333	0.2222	0.2857	0.2000	0.2350
ncRNA1%	0.8635	0.0144	0.4913	0.6780	1.0000
neo	0.8762	0.1238	0.7531	0.4754	0.6175
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
nomao	0.9652	0.0348	0.9579	0.9156	0.2412
NPHA-doctor-visits	0.3889	0.4074	0.3784	0.0216	0.7627
nursery	0.9799	0.0100	0.9599	0.9707	0.0797
obesity	0.9242	0.0217	0.9246	0.9114	0.1032
obs	0.9722	0.0139	0.9811	0.9591	0.0599
occupancy	0.9922	0.0078	0.9892	0.9783	0.0936
Occupancy_Estimation	0.9941	0.0030	0.9783	0.9819	0.0134
oh0-wc	0.9604	0.0079	0.9632	0.9548	0.0418
oh10-wc	0.8095	0.0381	0.8099	0.7848	0.1734
oh15-wc	0.8913	0.0217	0.8934	0.8766	0.1136
oh5-wc	0.8901	0.0220	0.9002	0.8761	0.1165
ohscal-wc	0.7930	0.0414	0.7803	0.7686	0.2813
olive	0.9298	0.0156	0.9293	0.9129	0.0693
optdigits	0.9591	0.0082	0.9610	0.9545	0.0576
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.6311	0.1711	0.4107
ozone8hr	0.9249	0.0751	0.6673	0.3090	0.5867
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8402	0.1598	0.8258	0.6505	0.6059
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.9037	0.7951	0.3752
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.9065	0.8489	0.3134
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.8957	0.1043	0.8885	0.7764	0.4503
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle10%	0.9146	0.0854	0.8969	0.7929	0.4392
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9099	0.0901	0.6999	0.3961	0.6395
pcmac	0.4381	0.5619	0.3879	-0.2124	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8939	0.7647	0.2161
pediatric-leukemia	0.8235	0.0504	0.7646	0.7821	0.1427
pendigits	0.9854	0.0029	0.9856	0.9838	0.0257
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.8889	0.1111	0.8784	0.7273	0.2846
persistency	0.8367	0.1633	0.8261	0.6521	0.6051
pet-adoption	0.9300	0.0700	0.9201	0.8392	0.3454

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phishing	0.9551	0.0449	0.9528	0.9056	0.2507
phone-acc0.1%	0.8522	0.0422	0.8463	0.8271	0.1457
phone-gyr0.1%	0.8701	0.0371	0.8650	0.8479	0.1517
phoneme	0.8981	0.1019	0.8812	0.7592	0.4843
pima	0.8026	0.1974	0.7924	0.5845	0.6693
pirvision	0.9869	0.0087	0.9768	0.9598	0.1388
placement	0.7860	0.2140	0.7822	0.5639	0.6937
plant-growth	0.7895	0.2105	0.7933	0.5730	0.6420
plrx	0.6667	0.3333	0.5282	0.0526	0.9011
poker1%	0.5463	0.1296	0.2760	0.1548	0.4109
polish-1st	0.9602	0.0398	0.5995	0.1144	0.4253
polish-2nd	0.9597	0.0403	0.6347	0.2112	0.4864
polish-3rd	0.9495	0.0505	0.5917	0.1160	0.4818
polish-4th	0.9571	0.0429	0.7461	0.4671	0.4703
polish-5th	0.9374	0.0626	0.7438	0.4861	0.5797
polya	0.7870	0.2130	0.7661	0.5319	0.7068
post-operative	0.5556	0.4444	0.3571	-0.2000	0.9762
pred-tox_mutagen_ref-desc	0.7500	0.2500	0.7501	0.5000	0.7494
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0839	0.3501	0.3926	0.2596
profb	0.7164	0.2836	0.6903	0.3787	0.8069
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9873	0.0051	0.9753	0.9830	0.0411
pulsar	0.9824	0.0176	0.9477	0.8955	0.2458
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.7852	0.0105	0.5631	0.7639	0.2619
re0-wc	0.8133	0.0287	0.8468	0.7693	0.2746
re1-wc	0.8434	0.0125	0.7377	0.8252	0.1950
rejafada	0.9849	0.0151	0.9156	0.8159	0.4416
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.8578	0.0059	0.6547	0.8122	0.5541
rice	0.9868	0.0132	0.9867	0.9733	0.0950
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.7097	0.2903	0.7094	0.4146	0.7975
satimage	0.9036	0.0321	0.8890	0.8811	0.1580
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.9378	0.0622	0.8265	0.6530	0.5134
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5294	0.4706	0.5294	0.0588	0.9823
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9610	0.0111	0.9658	0.9544	0.0502
segmentation	0.8515	0.1485	0.8404	0.6802	0.5769
segmentO	0.9913	0.0087	0.9834	0.9663	0.1466
seismic	0.8915	0.1085	0.6236	0.2426	0.6503
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8605	0.1395	0.5709	0.0879	0.6168
sens-2-gram	0.8658	0.1342	0.5971	0.1223	0.5839
sens-3-gram	0.8868	0.1132	0.6935	0.2783	0.4458
sens-4-gram	0.8553	0.1447	0.6015	0.1785	0.6996
sens-5-gram	0.8816	0.1184	0.6802	0.1842	0.3526
sens-6-gram	0.8526	0.1474	0.5622	0.0937	0.6868
sens-7-gram	0.8763	0.1237	0.6474	0.1911	0.5052
sepsis	0.5504	0.4496	0.5875	0.0913	0.4295

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
shoppers	0.8921	0.1079	0.8094	0.6152	0.5952
shuttle	0.9840	0.0046	0.6586	0.9564	0.3288
sick	0.9814	0.0186	0.9237	0.8472	0.2891
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9975	0.0025	0.9963	0.9926	0.0434
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2000	0.4000	0.1971	-0.0650	0.8536
smk_can_187	0.6316	0.3684	0.6292	0.2570	0.8973
soil_pollution	0.2200	0.3120	0.2221	0.0239	0.8576
solar-flare	0.7050	0.0983	0.6358	0.6318	0.2604
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9706	0.0031	0.9809	0.9678	0.0165
spam-detection	0.9530	0.0470	0.8808	0.7525	0.4822
spambase	0.9391	0.0609	0.9362	0.8722	0.3101
spect	0.6800	0.3200	0.6262	0.2308	0.7555
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.6538	0.0256	0.5693	0.6335	0.1221
splice-EI	0.9748	0.0252	0.9666	0.9331	0.1912
splice-IE	0.9211	0.0789	0.8950	0.7885	0.4438
sport-articles	0.8200	0.1800	0.8094	0.6182	0.6401
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9892	0.0108	0.9885	0.9767	0.0905
steel_industry	0.9195	0.0537	0.8991	0.8696	0.2027
steel-b	0.8359	0.1641	0.7574	0.5145	0.6797
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.7949	0.2051	0.7727	0.5453	0.6955
steel-p	0.9333	0.0667	0.7977	0.5922	0.5733
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9590	0.0410	0.8958	0.7868	0.4438
stock	0.8958	0.1042	0.8166	0.6314	0.5491
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0362
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.5800	0.1680	0.4231	0.3805	0.5392
student-depression	0.8398	0.1602	0.8352	0.6704	0.5906
student-habits	0.3200	0.2720	0.1748	-0.0226	0.7216
student-weekend	0.3385	0.2646	0.2973	0.1260	0.7560
student-workday	0.7031	0.1187	0.2658	0.3330	0.5317
studentap	0.5385	0.3077	0.5528	0.3036	0.5758
susy1%	0.8028	0.1972	0.8012	0.5997	0.6522
tae	0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn	0.9062	0.0938	0.8807	0.7613	0.4700
texture	0.9800	0.0036	0.9811	0.9779	0.0305
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.7872	0.2128	0.5250	0.0486	0.8044
thrombin	0.9648	0.0352	0.4910	-0.0114	0.5522
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9474	0.0526	0.9435	0.8848	0.2992
tis10%	0.9104	0.0896	0.8748	0.7430	0.4121
titanic	0.7591	0.2409	0.7276	0.4549	0.7599
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.5882	0.4118	0.5318	0.0630	0.9501
toxicity-13f	0.8235	0.1765	0.8020	0.5984	0.6209
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.5600	0.4400	0.5179	0.0328	0.8425

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec11-wc	0.9268	0.0163	0.8317	0.9092	0.0360
trec12-wc	0.9677	0.0081	0.9812	0.9612	0.0265
trec21-wc	0.8788	0.0485	0.7377	0.7647	0.1702
trec23-wc	0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc	0.9462	0.0179	0.9533	0.9288	0.0900
trec41-wc	0.9432	0.0114	0.8628	0.9310	0.0969
trec45-wc	0.9420	0.0116	0.8527	0.9321	0.0413
tuandromd	0.9727	0.0273	0.9592	0.9162	0.2600
turkish	0.7250	0.1375	0.7296	0.6333	0.2964
tvnews1%	0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%	0.9021	0.0979	0.8951	0.7901	0.4430
ur3_cobotops_grip	0.9823	0.0177	0.8433	0.6741	0.3261
ur3_cobotops_stop	0.9741	0.0259	0.8272	0.6533	0.5003
urban	0.8507	0.0332	0.8643	0.8256	0.1486
urinalysis	0.9091	0.0909	0.7423	0.4372	0.5750
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7619	0.1190	0.7222	0.6787	0.2485
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5859	0.0753	0.6156	0.5444	0.2106
vowelZ	0.9899	0.0101	0.9688	0.9357	0.0414
wap-wc	0.8526	0.0147	0.7582	0.8358	0.1200
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9559	0.0126	0.9549	0.9485	0.0717
watch-gyr1%	0.9392	0.0174	0.9375	0.9290	0.0831
water_pollution	0.2500	0.3750	0.2489	0.0004	0.8663
waveform	0.8460	0.1027	0.8464	0.7690	0.3554
weather-related	0.9712	0.0052	0.9740	0.9674	0.0483
web-phishing	0.8593	0.0938	0.8265	0.7571	0.4119
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9772	0.0228	0.8924	0.7805	0.4389
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6415	0.1195	0.3253	0.4440	0.5344
winequality-white	0.5951	0.1350	0.4231	0.4123	0.6001
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5811	0.0931	0.4631	0.4655	0.4499
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1	0.9527	0.0473	0.7466	0.4406	0.5436
yeastME2	0.9595	0.0405	0.7445	0.4795	0.5174
zip	0.9441	0.0112	0.9388	0.9374	0.0915

Table 510: Detailed results for SVC^{CV} Noise 5%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1727	0.0719	0.1158	0.0758	0.4546
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9695	0.0305	0.9349	0.8609	0.1018
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8967	0.1033	0.8533	0.6921	0.4258
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8571	0.0571	0.5952	0.6575	0.2725
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8698	0.1302	0.8552	0.7063	0.5110
anneal	0.9663	0.0135	0.9674	0.9317	0.1118
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9861	0.0070	0.9510	0.9735	0.0377
anuran-genus	0.9875	0.0031	0.9689	0.9794	0.0653
anuran-species	0.9847	0.0031	0.9649	0.9788	0.0405
anxiety	0.1083	0.1981	0.0939	-0.0056	0.8209
apple-quality	0.9225	0.0775	0.9225	0.8450	0.3628
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.6875	0.3750	0.8278
arrhythmia	0.6444	0.0711	0.3711	0.3825	0.3346
auction	0.9314	0.0686	0.8287	0.6157	0.3034
audiology	0.9091	0.0165	0.9441	0.8932	0.0533
audit-risk	0.9487	0.0513	0.9465	0.8929	0.2780
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9857	0.0143	0.9820	0.9633	0.0649
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9064	0.8667	0.0861
avila	0.8261	0.0290	0.7809	0.7680	0.2758
babies	0.4677	0.1521	0.1530	0.1573	0.4564
balance	0.9355	0.0430	0.6465	0.8784	0.0685
bank	0.9116	0.0884	0.7475	0.4785	0.5554
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9078	0.0922	0.9005	0.7924	0.3563

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
basehock	0.9447	0.0553	0.9447	0.8894	0.2857
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7022	0.1489	0.7055	0.6030	0.4347
brain-tumor	0.4980	0.5020	0.4976	-0.0046	0.9947
breast-cancer	0.6429	0.3571	0.6258	0.2391	0.8288
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.8182	0.0606	0.8470	0.7800	0.1122
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4880	0.3413	0.3232	0.0075	0.5282
car	0.9770	0.0115	0.9709	0.9516	0.1357
car-insurance	0.8370	0.1630	0.8113	0.6226	0.6247
card	0.8696	0.1304	0.8670	0.7336	0.5197
cardiotocography	0.8545	0.0291	0.8305	0.8253	0.1778
cardiotocography-nsp	0.9061	0.0626	0.8209	0.7277	0.2697
cardiovascular	0.7332	0.2668	0.7339	0.4663	0.7717
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6772	0.5165	0.4490
cas_N6512_cdk_ECFP2	0.7742	0.2258	0.7730	0.5459	0.7118
cas_N6512_rdkit_ATOMPAIR	0.7600	0.2400	0.7591	0.5181	0.7347
cas_N6512_RDkit_AtomPair_FP	0.7638	0.2362	0.7618	0.5219	0.7251
cas_N6512_rdkit_AVALON	0.7911	0.2089	0.7899	0.5798	0.6822
cas_N6512_RDkit_Avalon_FP	0.8359	0.1641	0.8352	0.6702	0.5932
cas_N6512_rdkit_descriptors	0.8062	0.1938	0.8049	0.6098	0.6540
cas_N6512_rdkit_FEATMORGAN	0.7880	0.2120	0.7864	0.5728	0.6876
cas_N6512_RDkit_Featmorgan_FP	0.8098	0.1902	0.8085	0.6170	0.6468
cas_N6512_RDkit_FP	0.7837	0.2163	0.7828	0.5654	0.6951
cas_N6512_rdkit_LAYERED	0.8077	0.1923	0.8084	0.6152	0.6461
cas_N6512_RDkit_Layered_FP	0.7761	0.2239	0.7746	0.5493	0.7087
cas_N6512_rdkit_MACCS	0.7877	0.2123	0.7862	0.5688	0.6778
cas_N6512_RDkit_MACCS_FP	0.7982	0.2018	0.7983	0.5955	0.6661
cas_N6512_rdkit_MORGAN	0.8169	0.1831	0.8155	0.6302	0.6298
cas_N6512_RDkit_morgan_FP	0.7945	0.2055	0.7929	0.5852	0.6744
cas_N6512_rdkit_PATTERN	0.7908	0.2092	0.7909	0.5808	0.6798
cas_N6512_RDkit_pattern_FP	0.7699	0.2301	0.7696	0.5387	0.7173
cas_N6512_rdkit_RDKITFP	0.7788	0.2212	0.7774	0.5549	0.7039
cas_N6512_rdkit_TORSION	0.7891	0.2109	0.7894	0.5776	0.6819
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7824	0.2176	0.7616	0.5232	0.7163
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.8689	0.7378	0.4199
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8965	0.0517	0.8384	0.8446	0.1859
chrom191%	0.9988	0.0012	0.7497	0.4994	0.5035
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8440	0.1560	0.7245	0.3880	0.5494
churn-bigml	0.9213	0.0787	0.8268	0.6049	0.2921
ci900367j_MACCS	0.6526	0.3474	0.6290	0.2580	0.8855
cirrhosis	0.7619	0.1587	0.5163	0.5161	0.3788

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8611	0.0694	0.7478	0.7846	0.3155
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.6667	0.2222	0.7013	0.4286	0.3779
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5102	0.3265	0.4860	0.2250	0.7361
cnae-9	0.9444	0.0123	0.9471	0.9375	0.0583
codon_usage	0.9455	0.0099	0.8151	0.9338	0.0997
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.7200	0.0373	0.6161	0.6912	0.1093
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7586	0.2414	0.7197	0.4249	0.7334
colposcopies-2	0.6897	0.3103	0.6575	0.2478	0.7119
colposcopies-3	0.6552	0.3448	0.6327	0.2526	0.8601
colposcopies-4	0.8276	0.1724	0.7810	0.4649	0.3439
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7586	0.2414	0.7584	0.5155	0.7334
colposcopies-c	0.8276	0.1724	0.7397	0.4487	0.6170
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
cottonmeloidogyne	0.7788	0.2212	0.7789	0.5577	0.7023
covtypeCD	0.9901	0.0099	0.9787	0.9574	0.1039
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
crowdsourced	0.9622	0.0126	0.8806	0.9221	0.1395
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.5938	0.0254	0.5303	0.5806	0.0728
cybersecurity	0.1833	0.2722	0.1819	0.0149	0.8371
cyclopentane	0.5926	0.4074	0.5912	0.1818	0.9314
cylinder-bands	0.7222	0.2778	0.7159	0.4018	0.7274
darwin	0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
defect	0.8981	0.1019	0.7892	0.5565	0.5015
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.3750	0.4167	0.3488	0.0909	0.6495
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8125	0.1250	0.8272	0.7108	0.2451
DIA	0.8500	0.1500	0.7938	0.5000	0.3145
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-risk	0.9021	0.0979	0.8436	0.6826	0.4874
diabetic1%	0.5588	0.2941	0.3697	0.0612	0.4080
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9765	0.9771	0.0386
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.5833	0.1667	0.9308
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.6250	0.3750	0.6009	0.1940	0.9002
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dota210%	0.5553	0.4447	0.5516	0.1025	0.9639
dropout	0.7540	0.1640	0.6720	0.5847	0.4754
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6968	0.1011	0.2509	0.0464	0.2526
drug-04	0.5372	0.1322	0.2145	0.0847	0.4144

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2971	0.2714	0.4623
drug-07	0.4521	0.1826	0.1808	0.0411	0.2703
drug-08	0.5745	0.1216	0.1809	0.1242	0.2915
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1570	0.1268	0.3462
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1794	0.2533	0.3230
drug-14	0.5798	0.1201	0.2388	0.2061	0.4017
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5745	0.1418	0.2393	0.2527	0.4099
drug-17	0.3670	0.1809	0.1335	0.1106	0.4349
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9302	0.0199	0.9425	0.9156	0.1148
ecoli	0.9118	0.0294	0.7776	0.8774	0.1035
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.9394	0.0606	0.8167	0.6333	0.5293
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2609	0.0140	0.8452
eeg-eye	0.9206	0.0794	0.9197	0.8394	0.3717
eeg10%	0.3993	0.0751	0.4171	0.3340	0.6105
eucalyptus	0.7123	0.1151	0.7130	0.6310	0.3137
euthyroid	0.9715	0.0285	0.9148	0.8210	0.1907
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
fbis-wc	0.8252	0.0206	0.7829	0.7997	0.1201
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9412	0.0588	0.9407	0.8807	0.2916
financial-risk	0.8605	0.0465	0.5595	0.7785	0.2117
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.7000	0.0857	0.4338	0.6117	0.1983
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gastrointestinal	0.8125	0.1250	0.7973	0.6903	0.3389
gender	0.6042	0.2639	0.3823	0.1484	0.5082
gene	0.9274	0.0484	0.9215	0.8847	0.2230
german	0.7000	0.3000	0.6435	0.2288	0.7345
gestures	0.9058	0.0471	0.9063	0.8744	0.2000
gina	0.9251	0.0749	0.9251	0.8500	0.3546
glass	0.6190	0.1270	0.6254	0.4862	0.3635
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.4667	0.2667	0.4848	0.2814	0.4944
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
har	0.9873	0.0051	0.9859	0.9839	0.0325
har701%	0.9173	0.0236	0.5630	0.8767	0.1278

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hayes-roth	0.7500	0.1667	0.8371	0.6145	0.2031
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.9700	0.0300	0.9650	0.9298	0.1847
heart-quantum	0.9400	0.0600	0.9384	0.8760	0.3123
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.9110	0.8060	0.4011
higgs0.1%	0.6764	0.3236	0.6741	0.3442	0.8432
higher	0.2143	0.1964	0.0625	0.0494	0.3203
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9207	0.0793	0.8543	0.7069	0.4698
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.5833	0.2778	0.5151	0.2867	0.7053
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9777	0.0223	0.9298	0.8563	0.2033
hypothyroid	0.9735	0.0133	0.6825	0.8354	0.1340
hypothyroidT	0.9788	0.0212	0.9211	0.8289	0.0734
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9553	0.0223	0.9561	0.9404	0.0885
ionosphere	0.9143	0.0857	0.9146	0.8148	0.3671
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9397	0.0046	0.9405	0.9373	0.0546
jm1	0.8228	0.1772	0.6511	0.1889	0.5388
jvowels	0.9970	0.0007	0.9972	0.9966	0.0067
kc1	0.8673	0.1327	0.7118	0.2315	0.2755
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.6923	0.1231	0.1714	0.1333	0.1989
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kepler	0.8891	0.0739	0.8519	0.8179	0.2275
kidney-disease	0.9750	0.0250	0.9737	0.9459	0.1112
krkopt	0.8111	0.0210	0.7521	0.7893	0.2984
krvskp	0.9875	0.0125	0.9875	0.9749	0.0906
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.7353	0.0230	0.6819	0.7205	0.0771
led24	0.7000	0.0667	0.7304	0.6591	0.1690
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9760	0.0018	0.9758	0.9750	0.0297
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.9167	0.0111	0.9333	0.9107	0.0376
liver	0.6471	0.3529	0.6361	0.2635	0.8463
loan	0.9321	0.0679	0.9273	0.8538	0.3284
lrs	0.9057	0.0270	0.8354	0.8689	0.0632
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5808	0.4192	0.5813	0.1615	0.9415
magic04	0.8759	0.1241	0.8625	0.7135	0.4564
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8536	0.7072	0.5518
marketing	0.9018	0.0982	0.7829	0.4602	0.2286
maternal	0.7822	0.1452	0.7893	0.6698	0.4273
math	0.7250	0.1375	0.7030	0.5699	0.3686
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.0685	0.0000	0.4010
messidor	0.7304	0.2696	0.7298	0.4578	0.7758
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9800	0.0040	0.9805	0.9778	0.0251
mfeat-fou	0.8150	0.0370	0.8154	0.7944	0.1596
mfeat-kar	0.9800	0.0040	0.9810	0.9778	0.0250
mfeat-mor	0.7250	0.0550	0.7280	0.6944	0.1885
mfeat-pix	0.9800	0.0040	0.9806	0.9778	0.0250
mfeat-zer	0.8250	0.0350	0.8292	0.8056	0.0942
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5874	0.4843	0.3785
mobile	0.8566	0.0051	0.8667	0.8540	0.0669
monks-1	0.9818	0.0182	0.9821	0.9636	0.1023
monks-2	0.9672	0.0328	0.9657	0.9290	0.2027
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5089	0.0893	0.5411	0.4004	0.5037
musk	0.9833	0.0167	0.9676	0.9344	0.1230
MUT_ci300400a_cdk_ECFP2	0.8273	0.1727	0.8217	0.6432	0.6154
MUT_ci300400a_cdk_ECFP4	0.8287	0.1713	0.8230	0.6455	0.6119
MUT_ci300400a_cdk_ECFP6	0.8012	0.1988	0.7942	0.5874	0.6654
MUT_ci300400a_cdk_ESTATE	0.7746	0.2254	0.7657	0.5288	0.7100
MUT_ci300400a_cdk_EXTENDED	0.8393	0.1607	0.8348	0.6696	0.5911
MUT_ci300400a_cdk_FCFP2	0.8431	0.1569	0.8376	0.6734	0.5746
MUT_ci300400a_cdk_FCFP4	0.8177	0.1823	0.8113	0.6212	0.6317
MUT_ci300400a_cdk_FCFP6	0.8046	0.1954	0.7991	0.5983	0.6622
MUT_ci300400a_cdk_MACCS	0.8417	0.1583	0.8367	0.6732	0.5845
MUT_ci300400a_cdk_PUBCHEM	0.8599	0.1401	0.8552	0.7097	0.5399
MUT_ci300400a_rdkit_descriptors	0.8346	0.1654	0.8301	0.6595	0.5968
myocardial	0.8706	0.0324	0.2747	0.2901	0.1087
naticusdroid	0.9694	0.0306	0.9694	0.9388	0.1838
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
new-thyroid	0.9524	0.0317	0.9026	0.8939	0.0573
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	0.9868	0.0132	0.9750	0.9499	0.1262
nomao	0.9542	0.0459	0.9434	0.8866	0.2710
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
obesity	0.9005	0.0284	0.9003	0.8837	0.1250
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9918	0.9836	0.0700
Occupancy_Estimation	0.9921	0.0039	0.9715	0.9759	0.0163
oh0-wc	0.8020	0.0396	0.7612	0.7715	0.1797
oh10-wc	0.6667	0.0667	0.6110	0.6188	0.3041
oh15-wc	0.6739	0.0652	0.6530	0.6263	0.2926
oh5-wc	0.7473	0.0505	0.7628	0.7138	0.2306
olive	0.9123	0.0195	0.8980	0.8904	0.0578
optdigits	0.9804	0.0039	0.9817	0.9782	0.0275
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8505	0.1495	0.8319	0.6633	0.5818
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9084	0.8103	0.3850
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9708	0.0117	0.6970	0.8243	0.1534
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.8294	0.1706	0.8180	0.6358	0.6193
parkinsons-small	0.9474	0.0526	0.9321	0.8550	0.1675
particle10%	0.9154	0.0846	0.8935	0.7862	0.4164
pasture	0.5000	0.3333	0.2222	0.0000	0.3770
pc1	0.9369	0.0631	0.7008	0.3376	0.4605
pcmac	0.5773	0.4227	0.5147	0.0138	0.7818
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7895	0.2105	0.7097	0.4182	0.7455
pediatric-leukemia	0.7941	0.0588	0.7032	0.7435	0.1531
pendigits	0.9954	0.0009	0.9954	0.9949	0.0090
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8017	0.1983	0.7856	0.5696	0.6713
pet-adoption	0.9200	0.0800	0.9084	0.8148	0.3710
phishing	0.9592	0.0408	0.9572	0.9144	0.2360
phone-acc0.1%	0.7787	0.0632	0.7570	0.7408	0.2105
phoneme	0.8889	0.1111	0.8605	0.7198	0.4988
pima	0.7105	0.2895	0.6891	0.3407	0.7408
pirvision	0.9895	0.0070	0.9813	0.9668	0.0774
placement	0.7970	0.2030	0.7899	0.5774	0.6693
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5395	0.1316	0.1577	0.1006	0.2786
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
polya	0.7946	0.2054	0.7721	0.5420	0.6892
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7073	0.4118	0.8058
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.3709	0.4228	0.2655
profb	0.7910	0.2090	0.7543	0.5032	0.6991
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
puc-rio10%	0.9837	0.0065	0.9761	0.9781	0.0455
pulsar	0.9816	0.0184	0.9433	0.8840	0.1636
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
re0-wc	0.8200	0.0277	0.8151	0.7647	0.2911
re1-wc	0.7108	0.0231	0.5655	0.6623	0.2157
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9859	0.0141	0.9860	0.9716	0.0806
rice	0.9874	0.0126	0.9873	0.9744	0.0865
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6589	0.3411	0.6467	0.2935	0.8748
satimage	0.9098	0.0301	0.8980	0.8888	0.1568
satimageF	0.9907	0.0093	0.9760	0.9519	0.1413
satimageT	0.9549	0.0451	0.8679	0.7317	0.3823
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9452	0.9291	0.0785
segmentation	0.8218	0.1782	0.8036	0.6067	0.6396
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-3-gram	0.8658	0.1342	0.5694	0.0500	0.4928
shoppers	0.8938	0.1062	0.7686	0.5090	0.5169
sick	0.9523	0.0477	0.7708	0.5038	0.4060
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin10%	0.9992	0.0008	0.9988	0.9975	0.0129
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.7895	0.2105	0.7889	0.5778	0.6844
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7410	0.0863	0.5720	0.6660	0.1772
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9550	0.0450	0.8598	0.7183	0.4274
spambase	0.9065	0.0935	0.9018	0.8021	0.4082
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.7115	0.0214	0.6216	0.6948	0.1018
splice-EI	0.9685	0.0315	0.9582	0.9164	0.2255
splice-IE	0.9243	0.0757	0.8919	0.7803	0.3834
sport-articles	0.8600	0.1400	0.8478	0.6928	0.5387
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8767	0.0822	0.8457	0.7992	0.2765
steel-b	0.8564	0.1436	0.7698	0.5343	0.6257
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8000	0.2000	0.7730	0.5392	0.6699
steel-p	0.9231	0.0769	0.6576	0.1895	0.4020
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stock	0.9028	0.0972	0.8215	0.6267	0.4657

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.9160	0.0840	0.9153	0.8304	0.3868
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6200	0.1520	0.3457	0.3761	0.4199
student-depression	0.8348	0.1652	0.8285	0.6548	0.5923
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4154	0.2338	0.2691	0.1044	0.4940
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.2308	0.5128	0.1943	-0.2037	0.8252
susy1%	0.7992	0.2008	0.7999	0.5892	0.6334
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.8977	0.1023	0.8656	0.7295	0.4767
texture	0.9945	0.0010	0.9949	0.9940	0.0085
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9895	0.0105	0.9883	0.9763	0.0550
tis10%	0.7910	0.2090	0.6773	0.3105	0.6805
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.8824	0.0588	0.8875	0.8426	0.1448
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7536	0.3929	0.4155
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.5569	0.0975	0.8260
trec11-wc	0.8293	0.0379	0.7071	0.7874	0.1153
trec12-wc	0.8065	0.0484	0.8440	0.7631	0.1296
trec21-wc	0.8182	0.0727	0.4672	0.5541	0.2596
trec23-wc	0.6190	0.1270	0.5910	0.4667	0.3399
trec31-wc	0.9032	0.0323	0.8849	0.8720	0.1629
trec41-wc	0.8068	0.0386	0.6675	0.7617	0.2149
trec45-wc	0.6957	0.0609	0.6505	0.6420	0.2601
tuandromd	0.9932	0.0068	0.9890	0.9778	0.0333
turkish	0.8250	0.0875	0.8291	0.7667	0.1975
tvnews1%	0.9308	0.0692	0.9256	0.8481	0.3113
tvnews10%	0.9144	0.0856	0.9075	0.8146	0.3979
ur3_cobotops_grip	0.9769	0.0231	0.7773	0.4755	0.2251
ur3_cobotops_stop	0.9673	0.0327	0.6957	0.2413	0.2517
urban	0.8209	0.0398	0.8312	0.7890	0.1457
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.8095	0.0952	0.7875	0.7445	0.1525
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.8333	0.1667	0.8537	0.6667	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.7071	0.0533	0.7400	0.6778	0.1542
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
wap-wc	0.7885	0.0212	0.5654	0.7635	0.1711
warpar10p	0.9231	0.0154	0.9583	0.9133	0.0343
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8360	0.1093	0.8363	0.7540	0.3750
weather-related	0.9750	0.0045	0.9782	0.9716	0.0313
web-phishing	0.8741	0.0840	0.8106	0.7783	0.3936
Weekly	0.9815	0.0185	0.9817	0.9627	0.1146
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9772	0.0228	0.8771	0.7540	0.3913

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6352	0.1216	0.3077	0.3945	0.3374
winequality-white	0.6483	0.1172	0.4340	0.4497	0.4601
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5541	0.0991	0.3903	0.4225	0.3632
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME1	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9602	0.0080	0.9572	0.9554	0.0628

Table 511: Detailed results for SVM^{CV} Noise 5%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1559	0.0734	0.1010	0.0587	0.4813
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.6393	0.1000	0.5239
ads	0.9695	0.0305	0.9345	0.8637	0.1703
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.6500	0.3500	0.5157	0.0278	0.9068
AID687red	0.9970	0.0030	0.4992	0.0000	0.0142
AID688red	0.9908	0.0092	0.4977	0.0000	0.0358
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
AID746AID1284red	0.9990	0.0010	0.4997	0.0000	0.0055
aids	0.8404	0.1596	0.7678	0.5241	0.6242
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8571	0.0571	0.5696	0.6659	0.1515
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8465	0.1535	0.8300	0.6591	0.5847
anneal	0.9888	0.0045	0.7984	0.9758	0.0132
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9861	0.0070	0.9510	0.9735	0.0377
anuran-genus	0.9917	0.0021	0.9751	0.9863	0.0161
anuran-species	0.9833	0.0033	0.9705	0.9768	0.0275
anxiety	0.0917	0.2019	0.0666	-0.0274	0.6822
apple-quality	0.9175	0.0825	0.9175	0.8350	0.3794
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.7111	0.0578	0.4882	0.4868	0.2198
auction	0.9167	0.0833	0.7849	0.5236	0.4076
audiology	0.7727	0.0413	0.6243	0.7324	0.0942
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9857	0.0143	0.9825	0.9645	0.1355
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7000	0.1200	0.5271	0.5833	0.1681
avila	0.8007	0.0332	0.8046	0.7314	0.2428
babies	0.4355	0.1613	0.1402	0.0970	0.3740
balance	0.9032	0.0645	0.6277	0.8201	0.2479
bank	0.9121	0.0879	0.7439	0.4622	0.5340
banknote	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9032	0.0968	0.8953	0.7820	0.3749
basehock	0.9397	0.0603	0.9398	0.8794	0.3033
bio10%	0.9952	0.0048	0.8440	0.6644	0.2276
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.6963	0.1519	0.6960	0.5950	0.4493
brain-tumor	0.4920	0.5080	0.4806	-0.0185	0.8230
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.7273	0.2727	0.7609	0.4211	0.4644
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.7273	0.0909	0.5977	0.6700	0.0888
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4900	0.3400	0.3091	-0.0032	0.4039
car	0.9713	0.0144	0.9500	0.9386	0.1411
car-insurance	0.8310	0.1690	0.8024	0.6046	0.6370
card	0.8841	0.1159	0.8816	0.7575	0.4481
cardiotocography	0.8075	0.0385	0.7624	0.7688	0.2655
cardiotocography-nsp	0.9249	0.0501	0.8642	0.7743	0.1907
cardiovascular	0.7258	0.2742	0.7259	0.4517	0.7859
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.4072	0.2216	0.3270
cas_N6512_cdk_ECFP2	0.7742	0.2258	0.7730	0.5459	0.7118
cas_N6512_rdkit_ATOMPAIR	0.7092	0.2908	0.7065	0.4121	0.8089
cas_N6512_RDkit_AtomPair_FP	0.7362	0.2638	0.7339	0.4670	0.7709
cas_N6512_rdkit_AVALON	0.7788	0.2212	0.7774	0.5549	0.7040
cas_N6512_RDkit_Avalon_FP	0.8067	0.1933	0.8061	0.6119	0.6523
cas_N6512_rdkit_descriptors	0.7862	0.2138	0.7861	0.5715	0.6884
cas_N6512_rdkit_FEATMORGAN	0.7834	0.2166	0.7817	0.5632	0.6955
cas_N6512_RDkit_Featmorgan_FP	0.8114	0.1887	0.8100	0.6198	0.6434
cas_N6512_RDkit_FP	0.7531	0.2469	0.7510	0.5017	0.7458
cas_N6512_rdkit_LAYERED	0.7785	0.2215	0.7785	0.5562	0.7017
cas_N6512_RDkit_Layered_FP	0.7531	0.2469	0.7512	0.5022	0.7462
cas_N6512_rdkit_MACCS	0.8015	0.1985	0.7998	0.5986	0.6597
cas_N6512_RDkit_MACCS_FP	0.7997	0.2003	0.7999	0.5987	0.6628
cas_N6512_rdkit_MORGAN	0.8185	0.1815	0.8171	0.6334	0.6270
cas_N6512_RDkit_morgan_FP	0.7945	0.2055	0.7930	0.5857	0.6755
cas_N6512_rdkit_PATTERN	0.7800	0.2200	0.7790	0.5579	0.7016
cas_N6512_RDkit_pattern_FP	0.7791	0.2209	0.7782	0.5563	0.7030
cas_N6512_rdkit_RDKITFP	0.7512	0.2488	0.7491	0.4974	0.7479
cas_N6512_rdkit_TORSION	0.7828	0.2172	0.7814	0.5628	0.6971
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.8290	0.1710	0.8121	0.6241	0.6277
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.6220	0.1410	0.4091
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
children-anemia	0.8752	0.0624	0.7690	0.8116	0.2073
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.7839	0.5621	0.4216
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
churn	0.8380	0.1620	0.7110	0.3585	0.5661
churn-bigml	0.9213	0.0787	0.8266	0.6342	0.4210
ci900367j_MACCS	0.7263	0.2737	0.6986	0.3853	0.7792
circles	0.9990	0.0000	0.9990	0.9990	0.0005
cirrhosis	0.7381	0.1746	0.4989	0.4628	0.3973
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8583	0.0708	0.7669	0.7788	0.2522
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.7500	0.1667	0.7856	0.5814	0.3402
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5214	0.2734	0.7014
cnae-9	0.9444	0.0123	0.9471	0.9375	0.0583
codon_usage	0.9378	0.0113	0.8663	0.9246	0.1081
coil20	0.9861	0.0014	0.9877	0.9854	0.0099
college	0.9351	0.0649	0.9172	0.8338	0.3516
collins	0.6800	0.0427	0.5948	0.6454	0.1414
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6897	0.3103	0.6245	0.2209	0.8139
colposcopies-2	0.6897	0.3103	0.6915	0.2162	0.4644
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.8621	0.1379	0.7290	0.2927	0.2846
colposcopies-6	0.7586	0.2414	0.7584	0.5155	0.7334
colposcopies-c	0.7241	0.2759	0.4200	-0.0642	0.7721
column-2c	0.8710	0.1290	0.8524	0.7048	0.5414
column-3c	0.8065	0.1290	0.7395	0.6853	0.2802
connect-4	1.0000	0.0000	1.0000	1.0000	0.0000
cottonmeloidogyne	0.7716	0.2284	0.7718	0.5434	0.7140
covtypeCD	0.9866	0.0134	0.9714	0.9429	0.1548
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.9613	0.0129	0.8887	0.9204	0.1390
cryotherapy	1.0000	0.0000	1.0000	1.0000	0.0000
cultivars	0.3125	0.0430	0.2412	0.2903	0.1422
customer-churn	0.9788	0.0212	0.5985	0.0970	0.3487
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7037	0.2963	0.7000	0.4000	0.8184
cylinder-bands	0.6852	0.3148	0.6764	0.3526	0.8440
darwin	0.7778	0.2222	0.7849	0.5556	0.6605
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8240	0.1760	0.7068	0.3629	0.6109
defect	0.8889	0.1111	0.7648	0.4930	0.5044
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.8750	0.0833	0.6377	0.7333	0.1179
dexter	0.6000	0.4000	0.6009	0.2000	0.9235
df_final	0.7500	0.1667	0.7768	0.6145	0.2696
DIA	0.8167	0.1833	0.7441	0.3529	0.3484
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-risk	0.9018	0.0982	0.8413	0.6733	0.4654
diabetic1%	0.5686	0.2876	0.3630	0.0995	0.4414
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7447	0.1021	0.7283	0.6368	0.3575
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.4583	0.5417	0.4144	-0.1642	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota210%	0.5631	0.4369	0.5585	0.1150	0.9546
dropout	0.7472	0.1685	0.6535	0.5711	0.4821
drug-01	0.3936	0.1733	0.0807	-0.0077	0.3252
drug-02	0.5160	0.1383	0.0976	0.0045	0.2956
drug-03	0.6968	0.1011	0.2467	0.0630	0.2766
drug-04	0.5266	0.1353	0.0996	0.0077	0.3593
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2458	0.2681	0.4592
drug-07	0.4309	0.1897	0.1004	0.0000	0.2655
drug-08	0.5798	0.1201	0.1861	0.1428	0.2960
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1834	0.1209	0.3910
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1740	0.2326	0.3225
drug-14	0.5851	0.1185	0.2390	0.2093	0.4107
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5691	0.1436	0.2735	0.2389	0.4868
drug-17	0.3670	0.1809	0.1337	0.1100	0.4334
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9324	0.0193	0.9442	0.9182	0.1109
ecoli	0.8235	0.0588	0.6649	0.7521	0.1595
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.2749	-0.0001	0.7770
eeg-eye	0.8939	0.1061	0.8927	0.7853	0.4513
eeg10%	0.3790	0.0776	0.3737	0.3092	0.6047
eucalyptus	0.6712	0.1315	0.6646	0.5755	0.3458
euthyroid	0.9589	0.0411	0.8736	0.7330	0.2870
fakenews	0.4900	0.5100	0.4838	-0.0260	0.9455
farm-ads	0.8913	0.1087	0.8910	0.7808	0.4506
fbis-wc	0.8171	0.0215	0.8001	0.7905	0.1282
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8235	0.1765	0.8221	0.6394	0.6034
financial-risk	0.8330	0.0557	0.5376	0.7318	0.2305
fishcatch	0.8750	0.0417	0.8088	0.8367	0.0567
flags	0.7000	0.0857	0.4338	0.6117	0.1983
forest	0.9231	0.0385	0.9006	0.8941	0.1186
gastrointestinal	0.7500	0.1667	0.7350	0.5762	0.3954
gender	0.5937	0.2709	0.3688	0.1095	0.5083
gene	0.9180	0.0547	0.9095	0.8700	0.2267
german	0.7100	0.2900	0.6582	0.2602	0.7246
gestures	0.8493	0.0753	0.8509	0.7991	0.2912
gina	0.9251	0.0749	0.9251	0.8500	0.3533
gisette	0.9657	0.0343	0.9657	0.9314	0.2011
glass	0.6667	0.1111	0.5247	0.5149	0.2631
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassNW	0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.8421	0.1579	0.8444	0.6851	0.5655
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8452	0.1548	0.8465	0.6880	0.5623
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.3333	0.3333	0.2617	0.0683	0.5777
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
har	0.9862	0.0055	0.9848	0.9826	0.0314
har701%	0.9124	0.0250	0.5364	0.8702	0.1102
harth1%	0.8709	0.0215	0.5680	0.8234	0.1553
hayes-roth	0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.9660	0.0340	0.9604	0.9195	0.1792
heart-quantum	0.9400	0.0600	0.9384	0.8760	0.3123
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.6682	0.3318	0.6658	0.3307	0.8594
higher	0.2143	0.1964	0.0469	0.0128	0.3668
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9140	0.0860	0.8376	0.6683	0.4698
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5278	0.3148	0.3039	0.0497	0.5012
hotel-reservartions	0.8663	0.1337	0.8449	0.6864	0.5321
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9992	0.0005	0.9993	0.9989	0.0045
htru2	0.9782	0.0218	0.9316	0.8595	0.1908
hypothyroid	0.9284	0.0358	0.4945	0.4549	0.2158
hypothyroidT	0.9549	0.0451	0.8202	0.5658	0.1285
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9533	0.0233	0.9542	0.9378	0.0929
ionosphere	0.9143	0.0857	0.9146	0.8148	0.3671
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9345	0.0050	0.9356	0.9319	0.0598
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.9960	0.0009	0.9963	0.9955	0.0084
kc1	0.8578	0.1422	0.6870	0.1444	0.2864
kc1-class-level-defectiveornot	0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect	0.6923	0.1231	0.2833	0.3158	0.2941
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.4409	0.0000	0.3643
kdc-4007	0.8429	0.0449	0.8450	0.8166	0.2422
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8703	0.0865	0.8270	0.7855	0.2171
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9750	0.0250	0.9737	0.9459	0.1112

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
krkopt	0.7280	0.0302	0.7203	0.6957	0.2831
krvskp	0.9718	0.0282	0.9726	0.9436	0.1472
la1s-wc	0.8381	0.0540	0.8032	0.7953	0.2666
la2s-wc	0.8377	0.0541	0.8170	0.7954	0.2829
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0230	0.7123	0.7221	0.0695
led24	0.7000	0.0667	0.7217	0.6581	0.1683
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9630	0.0028	0.9630	0.9615	0.0426
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.7778	0.0296	0.7921	0.7620	0.0900
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
liver	0.6471	0.3529	0.6361	0.2635	0.8463
loan	0.9438	0.0562	0.9402	0.8804	0.3003
localization10%	0.6742	0.0592	0.3814	0.5786	0.3937
lrs	0.8868	0.0323	0.6525	0.8427	0.0688
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5769	0.4231	0.5770	0.1538	0.9476
magic04	0.8701	0.1299	0.8553	0.7020	0.4886
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8750	0.1250	0.8745	0.7484	0.4971
marketing	0.8661	0.1339	0.6882	0.1457	0.2752
maternal	0.6139	0.2574	0.6157	0.4060	0.5552
math	0.7250	0.1375	0.5391	0.5560	0.3497
mba	0.8387	0.1075	0.3901	0.0526	0.2613
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.1186	-0.0034	0.5303
messidor	0.7130	0.2870	0.7143	0.4254	0.7949
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.4444	0.4449	0.2358
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9800	0.0040	0.9802	0.9778	0.0253
mfeat-fou	0.8200	0.0360	0.8204	0.8000	0.1642
mfeat-kar	0.9750	0.0050	0.9758	0.9722	0.0316
mfeat-mor	0.7500	0.0500	0.7367	0.7222	0.1528
mfeat-pix	0.9800	0.0040	0.9800	0.9778	0.0254
mfeat-zer	0.8750	0.0250	0.8767	0.8611	0.1126
mice-prot	0.9907	0.0023	0.9917	0.9894	0.0118
milk	0.9906	0.0063	0.9891	0.9855	0.0242
mines	0.5588	0.1765	0.5881	0.4450	0.4164
mobile	0.8322	0.0060	0.8434	0.8291	0.0786
monks-1	0.8000	0.2000	0.8013	0.5991	0.6529
monks-2	0.9180	0.0820	0.9085	0.8164	0.3887
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	0.5000	0.5000	0.3333	0.0000	0.5283
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
music	0.5150	0.0882	0.5294	0.4098	0.4969
musk	0.9273	0.0727	0.8515	0.6554	0.1897
MUT_ci300400a_cdk_ECFP2	0.8285	0.1715	0.8230	0.6458	0.6130
MUT_ci300400a_cdk_ECFP4	0.8168	0.1832	0.8109	0.6217	0.6378
MUT_ci300400a_cdk_ECFP6	0.8084	0.1916	0.8020	0.6036	0.6532
MUT_ci300400a_cdk_ESTATE	0.7758	0.2242	0.7668	0.5291	0.7032
MUT_ci300400a_cdk_EXTENDED	0.8022	0.1978	0.7955	0.5907	0.6656
MUT_ci300400a_cdk_FCFP2	0.8431	0.1569	0.8376	0.6737	0.5756
MUT_ci300400a_cdk_FCFP4	0.8213	0.1787	0.8152	0.6298	0.6264
MUT_ci300400a_cdk_FCFP6	0.7962	0.2038	0.7897	0.5791	0.6775
MUT_ci300400a_cdk_MACCS	0.8405	0.1595	0.8355	0.6709	0.5873
MUT_ci300400a_cdk_PUBCHEM	0.8419	0.1581	0.8363	0.6705	0.5758
MUT_ci300400a_cdk_STANDARD	0.7760	0.2240	0.7689	0.5376	0.7136
MUT_ci300400a_rdkit_descriptors	0.8070	0.1930	0.8013	0.6006	0.6495
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9667	0.0333	0.9667	0.9333	0.1955
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.1111	0.6061	0.6000	0.1254
ncRNA1%	0.8625	0.0145	0.1754	0.5403	0.1092
neo	0.9100	0.0900	0.6636	0.1833	0.3845
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.8571	0.1429	0.4615	0.0000	0.2846
newspop	0.6509	0.3491	0.6486	0.2874	0.8592
NHANES_age_prediction	0.9868	0.0132	0.9750	0.9499	0.1262
nomao	0.9443	0.0557	0.9324	0.8646	0.3293
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9931	0.0035	0.9623	0.9898	0.0094
obesity	0.9005	0.0284	0.8991	0.8837	0.1190
obs	0.8796	0.0602	0.8760	0.8134	0.1463
occupancy	0.9903	0.0097	0.9867	0.9730	0.1155
Occupancy_Estimation	0.9901	0.0049	0.9688	0.9697	0.0212
oh0-wc	0.7921	0.0416	0.7533	0.7611	0.1982
oh10-wc	0.6762	0.0648	0.6349	0.6306	0.3032
oh15-wc	0.6848	0.0630	0.6589	0.6416	0.3065
oh5-wc	0.7802	0.0440	0.7925	0.7516	0.2120
ohscal-wc	0.7464	0.0507	0.7365	0.7162	0.3317
olive	0.9474	0.0117	0.9385	0.9343	0.0333
optdigits	0.9715	0.0057	0.9729	0.9683	0.0414
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9500	0.0025	0.9416	0.9487	0.0099
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9170	0.0830	0.5522	0.0625	0.5602
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8660	0.1340	0.8497	0.6993	0.5454
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9068	0.8099	0.4016
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9214	0.0314	0.4475	0.3125	0.0882
parkinson	0.9667	0.0333	0.9655	0.9310	0.2012
parkinsons	0.8294	0.1706	0.8197	0.6393	0.6199
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle10%	0.8892	0.1108	0.8582	0.7040	0.4386
pasture	0.5000	0.3333	0.2222	0.0000	0.3770
pc1	0.9099	0.0901	0.4764	-0.0297	0.6428
pcmac	0.5670	0.4330	0.3618	-0.0307	0.6801
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8158	0.1842	0.7328	0.4510	0.6737
pediatric-leukemia	0.8235	0.0504	0.8246	0.7804	0.1403

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pendigits	0.9964	0.0007	0.9964	0.9960	0.0072
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8047	0.1953	0.7880	0.5726	0.6605
pet-adoption	0.9300	0.0700	0.9206	0.8354	0.2929
phishing	0.9633	0.0367	0.9614	0.9228	0.2155
phone-acc0.1%	0.7649	0.0672	0.7396	0.7248	0.2347
phone-gyr0.1%	0.7875	0.0607	0.7728	0.7509	0.2467
phoneme	0.8815	0.1185	0.8504	0.6986	0.5154
pima	0.5789	0.4211	0.4518	-0.0375	0.8066
pirvision	0.9895	0.0070	0.9777	0.9668	0.0830
placement	0.7920	0.2080	0.7871	0.5742	0.6847
plant-growth	0.7895	0.2105	0.8224	0.5870	0.4472
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5366	0.1324	0.1558	0.1144	0.3100
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-4th	0.9469	0.0531	0.4864	0.0000	0.1416
polish-5th	0.9323	0.0677	0.6329	0.0822	0.2909
polya	0.7859	0.2141	0.7602	0.5141	0.6956
popularity	0.6603	0.2265	0.4074	0.1720	0.4504
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7073	0.4118	0.8058
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4242	0.0886	0.3138	0.3602	0.2686
profb	0.7612	0.2388	0.7114	0.3874	0.6917
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	0.9091	0.0909	0.9167	0.8197	0.3145
puc-rio10%	0.9801	0.0080	0.9724	0.9733	0.0485
pulsar	0.9785	0.0215	0.9329	0.8616	0.1743
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.8611	0.0068	0.5859	0.8461	0.1691
re0-wc	0.7867	0.0328	0.7555	0.7168	0.2780
re1-wc	0.7169	0.0227	0.5624	0.6712	0.2150
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8783	0.0051	0.4709	0.8323	0.1530
rice	0.9879	0.0121	0.9878	0.9755	0.0822
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6589	0.3411	0.6372	0.2692	0.8718
satimage	0.9036	0.0321	0.8890	0.8806	0.1455
satimageF	0.9891	0.0109	0.9721	0.9442	0.1683
satimageT	0.9378	0.0622	0.8044	0.5768	0.3875
scadi	0.7143	0.1143	0.6984	0.6316	0.1667
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.6176	0.3824	0.6232	0.2353	0.8824
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9461	0.9291	0.0721
segmentation	0.8069	0.1931	0.7836	0.5587	0.6475
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	1.0000	0.0000	1.0000	1.0000	0.0000
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sens-2-gram	0.8763	0.1237	0.6772	0.0998	0.2600
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8824	0.1176	0.7348	0.4040	0.4834
shuttle	0.9972	0.0008	0.6734	0.9922	0.0047
sick	0.9469	0.0530	0.7480	0.4738	0.4921
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9963	0.0037	0.9945	0.9889	0.0599
smarket	0.9760	0.0240	0.9765	0.9519	0.1248
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.7368	0.2632	0.7360	0.4693	0.7643
soil_pollution	0.2133	0.3147	0.1606	0.0098	0.6157
solar-flare	0.7338	0.0887	0.5670	0.6568	0.1784
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.9706	0.0031	0.9620	0.9677	0.0123
spam-detection	0.9545	0.0455	0.8552	0.7069	0.4128
spambase	0.9000	0.1000	0.8949	0.7877	0.4234
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8857	0.1143	0.8606	0.6818	0.2781
spectrometer	0.5192	0.0356	0.3384	0.4888	0.1572
splice-EI	0.9527	0.0473	0.9407	0.8791	0.3179
splice-IE	0.8927	0.1073	0.8479	0.6947	0.5153
sport-articles	0.8200	0.1800	0.8030	0.5959	0.6085
squash-stored	0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored	0.8000	0.2000	0.8077	0.5455	0.4011
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8545	0.0970	0.8204	0.7623	0.3173
steel-b	0.8564	0.1436	0.7669	0.5251	0.6179
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.8154	0.1846	0.7917	0.5792	0.6448
steel-p	0.9231	0.0769	0.6576	0.1895	0.4020
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stock	0.8542	0.1458	0.7130	0.3108	0.4409
stockb	0.9956	0.0029	0.9956	0.9934	0.0158
streaming	0.9040	0.0960	0.9035	0.8066	0.4224
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6350	0.1460	0.3637	0.3897	0.3754
student-depression	0.8351	0.1649	0.8289	0.6560	0.5931
student-habits	0.3700	0.2520	0.1088	-0.0155	0.3723
student-weekend	0.4000	0.2400	0.1798	0.1055	0.5220
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.3765	0.1250	0.5320
susy1%	0.8022	0.1978	0.8016	0.5967	0.6412
tae	0.5333	0.3111	0.5442	0.3000	0.6392
telco-churn	0.8977	0.1023	0.8666	0.7324	0.4840
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.7910	0.2090	0.6877	0.3586	0.7277
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.1000	0.5208	0.6098	0.1174
tox_171	0.8824	0.0588	0.8875	0.8426	0.1448
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.7805	0.0488	0.5759	0.7254	0.1511
trec12-wc	0.8710	0.0323	0.8986	0.8418	0.0791
trec21-wc	0.9091	0.0364	0.7373	0.8036	0.1656
trec23-wc	0.6667	0.1111	0.5977	0.5612	0.3509
trec31-wc	0.8925	0.0358	0.8671	0.8589	0.2251
trec41-wc	0.8068	0.0386	0.6661	0.7623	0.2124
trec45-wc	0.7246	0.0551	0.6764	0.6773	0.2397
tuandromd	0.9909	0.0091	0.9854	0.9708	0.0993
turkish	0.8000	0.1000	0.8008	0.7333	0.2036
tvnews1%	0.9231	0.0769	0.9174	0.8305	0.3295
tvnews10%	0.8998	0.1002	0.8912	0.7804	0.4303
ur3_cobotops_grip	0.9769	0.0231	0.7773	0.4755	0.2251
ur3_cobotops_stop	0.9673	0.0327	0.6957	0.2413	0.2517
urban	0.7761	0.0498	0.7906	0.7368	0.1643
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7262	0.1369	0.7116	0.6355	0.2152
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4343	0.1028	0.5655	0.3778	0.2976
vowelZ	0.9495	0.0505	0.8293	0.5926	0.1408
wap-wc	0.8013	0.0199	0.6014	0.7780	0.1550
warpar10p	0.9231	0.0154	0.9500	0.9139	0.0292
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.8142	0.0531	0.8104	0.7825	0.2308
watch-gyr1%	0.7723	0.0651	0.7693	0.7340	0.2868
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8280	0.1147	0.8285	0.7421	0.3872
weather-related	0.9712	0.0052	0.9730	0.9673	0.0392
web-phishing	0.8074	0.1284	0.7209	0.6554	0.4857
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9855	0.0145	0.9182	0.8297	0.1734
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6289	0.1237	0.3111	0.3862	0.3397
winequality-white	0.6360	0.1213	0.4366	0.4262	0.4585
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.8125	0.0250	0.7467	0.7983	0.0412
yeast	0.5338	0.1036	0.3728	0.3971	0.3671
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME1	0.9797	0.0203	0.7662	0.3934	0.0680
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9484	0.0103	0.9436	0.9421	0.0804

Table 512: Detailed results for C5.0(R2)^{CV} Noise 10%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1535	0.0736	0.1215	0.0834	0.6368
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.5000	0.0000	0.9713
ads	0.9665	0.0335	0.9277	0.8485	0.1787
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.7048	0.2952	0.4691	-0.0613	0.8555
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8333	0.1667	0.4545	-0.0485	0.7128
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.6500	0.3500	0.3939	-0.0938	0.8482
AID644red	0.5500	0.4500	0.4369	-0.1250	0.9680
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8826	0.1174	0.8349	0.6668	0.5304
air_pollution	0.3567	0.1838	0.1649	0.0139	0.7475
alcohol	0.8476	0.0610	0.5384	0.6580	0.3107
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.9209	0.0791	0.9129	0.8254	0.3785
anneal	0.9663	0.0135	0.9674	0.9317	0.1118
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.9777	0.0111	0.9436	0.9572	0.0450
anuran-genus	0.9750	0.0063	0.9106	0.9589	0.0924
anuran-species	0.9750	0.0050	0.9515	0.9652	0.0530
anxiety	0.0667	0.2074	0.0716	-0.0524	0.8538
apple-quality	0.8325	0.1675	0.8326	0.6650	0.5985
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.6875	0.3750	0.8278
arrhythmia	0.7333	0.0533	0.5726	0.5761	0.2803
auction	0.9853	0.0147	0.9664	0.9305	0.0577
audiology	0.9545	0.0083	0.9658	0.9472	0.0278
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9164	0.8718	0.1136
avila	0.9866	0.0022	0.9800	0.9826	0.0445
babies	0.4194	0.1659	0.1465	0.0590	0.3499
balance	0.9032	0.0645	0.6273	0.8203	0.2523
banknote	0.9781	0.0219	0.9779	0.9557	0.1446
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8986	0.1014	0.8900	0.7716	0.3927
basehock	0.9447	0.0553	0.9449	0.8895	0.2828
bio10%	0.9952	0.0048	0.8502	0.6933	0.3223

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8571	0.1429	0.8479	0.6957	0.5561
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7299	0.1351	0.7301	0.6398	0.4186
brain-tumor	0.5140	0.4860	0.5144	0.0285	0.9867
breast-cancer	0.7857	0.2143	0.7206	0.4324	0.7241
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.8182	0.0606	0.7407	0.7800	0.0723
bridges	0.7000	0.1000	0.5724	0.5714	0.1980
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9425	0.0287	0.9135	0.8803	0.2212
car-insurance	0.8560	0.1440	0.8300	0.6592	0.5769
card	0.8841	0.1159	0.8816	0.7575	0.4481
cardiotocography	0.8404	0.0319	0.8210	0.8095	0.2283
cardiotocography-nsp	0.9296	0.0469	0.8527	0.8035	0.2821
cardiovascular	0.7336	0.2664	0.7340	0.4672	0.7727
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.6641	0.5833	0.3969
cas_N6512_cdk_ECFP2	0.7343	0.2657	0.7333	0.4664	0.7741
cas_N6512_rdkit_ATOMPAIR	0.7046	0.2954	0.7017	0.3991	0.8077
cas_N6512_RDkit_AtomPair_FP	0.7285	0.2715	0.7263	0.4522	0.7829
cas_N6512_rdkit_AVALON	0.7803	0.2197	0.7785	0.5555	0.6975
cas_N6512_RDkit_Avalon_FP	0.7745	0.2255	0.7738	0.5474	0.7105
cas_N6512_rdkit_descriptors	0.7708	0.2292	0.7709	0.5409	0.7145
cas_N6512_rdkit_FEATMORGAN	0.7343	0.2657	0.7318	0.4604	0.7683
cas_N6512_RDkit_Featmorgan_FP	0.7347	0.2653	0.7324	0.4643	0.7737
cas_N6512_RDkit_FP	0.7132	0.2868	0.7125	0.4248	0.8031
cas_N6512_rdkit_LAYERED	0.7723	0.2277	0.7705	0.5408	0.7146
cas_N6512_RDkit_Layered_FP	0.7531	0.2469	0.7529	0.5052	0.7439
cas_N6512_rdkit_MACCS	0.7723	0.2277	0.7709	0.5366	0.7010
cas_N6512_RDkit_MACCS_FP	0.7658	0.2342	0.7636	0.5263	0.7243
cas_N6512_rdkit_MORGAN	0.7754	0.2246	0.7753	0.5420	0.6854
cas_N6512_RDkit_morgan_FP	0.7469	0.2531	0.7447	0.4888	0.7547
cas_N6512_rdkit_PATTERN	0.7615	0.2385	0.7600	0.5199	0.7329
cas_N6512_RDkit_pattern_FP	0.7638	0.2362	0.7633	0.5262	0.7278
cas_N6512_rdkit_RDKITFP	0.7404	0.2596	0.7381	0.4753	0.7639
cas_N6512_rdkit_TORSION	0.7297	0.2703	0.7268	0.4512	0.7767
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7617	0.2383	0.7389	0.4778	0.7503
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.6667	0.3333	0.7500	0.4000	0.5283
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9302	0.0698	0.6880	0.3645	0.6070
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.9414	0.0293	0.9376	0.9126	0.1275
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9989	0.0011	0.4997	0.0000	0.0058
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8470	0.1530	0.7356	0.4473	0.6188
churn-bigml	0.9401	0.0599	0.8710	0.7247	0.3043
ci900367j_MACCS	0.5895	0.4105	0.5710	0.1418	0.9330
circles	0.9980	0.0000	0.9982	0.9980	0.0008

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cirrhosis	0.7619	0.1587	0.6803	0.5183	0.3919
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8148	0.0926	0.6787	0.7075	0.3752
climate	0.8333	0.1667	0.6997	0.3269	0.5540
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5193	0.2721	0.6646
cnae-9	0.9352	0.0144	0.9363	0.9271	0.0730
codon_usage	0.9202	0.0145	0.7830	0.9030	0.1399
coil20	0.9792	0.0021	0.9803	0.9781	0.0144
college	0.9221	0.0779	0.9105	0.8146	0.4105
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.5000	0.5000	0.5000	0.0000	0.9298
colposcopies-1	0.5862	0.4138	0.5635	0.1256	0.9212
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.5862	0.4138	0.5542	0.1031	0.9376
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.6207	0.3793	0.6316	0.2276	0.8192
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8065	0.1935	0.8110	0.5991	0.6096
column-3c	0.7097	0.1935	0.6119	0.5239	0.3410
cottonmeloidogyne	0.7548	0.2452	0.7562	0.5100	0.7356
covtypeCD	0.9836	0.0164	0.9650	0.9300	0.1768
crabs	0.8500	0.0750	0.8521	0.8000	0.1546
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.9309	0.0230	0.8326	0.8593	0.1829
cryotherapy	0.5556	0.4444	0.5500	0.1000	0.9644
cultivars	0.3750	0.0391	0.3330	0.3548	0.1211
customer-churn	0.9824	0.0176	0.7155	0.2963	0.2165
cybersecurity	0.1600	0.2800	0.1589	-0.0096	0.8821
cyclopentane	0.5556	0.4444	0.5189	0.0182	0.7841
cylinder-bands	0.7593	0.2407	0.7596	0.5159	0.7286
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8233	0.1767	0.7117	0.4001	0.6663
defect	0.9599	0.0401	0.9228	0.8372	0.1899
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9189	0.0270	0.9240	0.8984	0.0878
desharnais	0.5000	0.3333	0.4678	0.1579	0.4618
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.8750	0.0833	0.8786	0.8072	0.1999
DIA	0.8167	0.1833	0.7408	0.4762	0.6890
diabetes	0.9038	0.0962	0.8978	0.7950	0.4246
diabetes-risk	0.9189	0.0811	0.8723	0.7423	0.4372
diabetic1%	0.5294	0.3137	0.3180	0.0615	0.6531
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7753	0.0899	0.7767	0.6819	0.3371
dishonest	0.9375	0.0625	0.9283	0.8462	0.1967
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5417	0.4583	0.5218	0.0435	0.9771
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dota210%	0.5505	0.4495	0.5525	0.1043	0.9623
drebin	0.9856	0.0144	0.9847	0.9694	0.1024
dropout	0.7517	0.1655	0.6689	0.5799	0.4901
drug-01	0.3989	0.1717	0.1592	0.0591	0.5544
drug-02	0.5319	0.1337	0.2278	0.1537	0.4587
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3245	0.1930	0.2283	0.1719	0.7357
drug-07	0.3511	0.2163	0.1530	-0.0285	0.6375
drug-08	0.5106	0.1398	0.1770	0.0772	0.6149
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5479	0.1292	0.2365	0.2197	0.6510
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5904	0.1170	0.1419	0.0547	0.2623
drug-14	0.5266	0.1353	0.2712	0.2330	0.7661
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5798	0.1401	0.3001	0.2884	0.4537
drug-17	0.3617	0.1824	0.2252	0.1491	0.7461
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9221	0.0223	0.9354	0.9058	0.1255
ecoli	0.7941	0.0686	0.5430	0.7108	0.1899
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.3200	0.3400	0.3342	0.0948	0.7653
eeg-eye	0.8999	0.1001	0.8987	0.7968	0.4293
eeg10%	0.4213	0.0723	0.4148	0.3611	0.6245
eucalyptus	0.6849	0.1260	0.6742	0.5973	0.3539
euthyroid	0.9620	0.0380	0.8960	0.7914	0.4093
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.8171	0.0215	0.7447	0.7920	0.1316
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4118	0.5882	0.4104	-0.1787	1.0000
financial-risk	0.9385	0.0205	0.9097	0.9030	0.1224
fishcatch	0.8750	0.0417	0.8833	0.8416	0.1096
flags	0.7000	0.0857	0.5684	0.6285	0.1860
forest	0.9231	0.0385	0.9159	0.8939	0.1150
gastrointestinal	0.7500	0.1667	0.7508	0.6098	0.3946
gender	0.5916	0.2723	0.4732	0.0614	0.4708
gene	0.9243	0.0505	0.9159	0.8793	0.2135
german	0.7200	0.2800	0.6759	0.3412	0.8016
gestures	0.9229	0.0385	0.9230	0.8973	0.1754
gina	0.9510	0.0490	0.9510	0.9020	0.2620
glass	0.8571	0.0476	0.9038	0.8067	0.1487
glass-g2	0.8750	0.1250	0.8730	0.7143	0.3145
glassBWFP	0.7143	0.2857	0.6863	0.3636	0.8021
glassBWNFP	0.9048	0.0952	0.8955	0.7692	0.2605
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6316	0.3684	0.6333	0.2652	0.8937
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.8000	0.2000	0.7619	0.4118	0.3750
grub-damage	0.4000	0.3000	0.4099	0.1818	0.5821
gsalc	0.6667	0.1111	0.6933	0.6029	0.1505
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
har	0.9857	0.0057	0.9851	0.9820	0.0416
har701%	0.9217	0.0224	0.5720	0.8839	0.1125
harth1%	0.8660	0.0223	0.5746	0.8173	0.2513
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.5294	0.4706	0.5143	0.0286	0.9808
health-activity	0.7600	0.1200	0.2870	0.0408	0.4513
heart	0.5926	0.4074	0.5509	0.0917	0.9193
heart-attack	0.8065	0.1935	0.8048	0.6043	0.6369
heart-c	0.8667	0.1333	0.8683	0.7297	0.4898
heart-failure	0.9760	0.0240	0.9721	0.9435	0.1356
heart-quantum	0.8400	0.1600	0.8372	0.6721	0.5865
hepatitis	0.6667	0.3333	0.5379	0.0741	0.8303
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.8898	0.7547	0.2092
higgs0.1%	0.6973	0.3027	0.6955	0.3905	0.8249
higher	0.2857	0.1786	0.3037	0.1463	0.3261
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9056	0.0944	0.8185	0.6245	0.4830
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.5671	0.3198	0.6528
hotel-reservartions	0.8955	0.1045	0.8793	0.7553	0.4452
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9984	0.0011	0.9984	0.9976	0.0085
htru2	0.9788	0.0212	0.9340	0.8666	0.2273
hypothyroid	0.9841	0.0080	0.6798	0.8982	0.0276
hypothyroidT	0.9920	0.0080	0.9716	0.9431	0.1266
ilpd	0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere	0.9714	0.0286	0.9671	0.9320	0.1146
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8191	0.1809	0.6440	0.1365	0.4776
jvowels	0.9518	0.0107	0.9501	0.9454	0.0833
kc1	0.8389	0.1611	0.5687	0.0669	0.5823
kc1-class-level-defectiveornot	0.7333	0.2667	0.7222	0.4444	0.7830
kc1-class-level-numericdefect	0.6154	0.1538	0.1524	-0.0833	0.3861
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6512	0.2956	0.7699
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8797	0.0802	0.8372	0.8012	0.2229
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.8381	0.0180	0.8161	0.8195	0.2762
krvskp	0.9937	0.0063	0.9938	0.9874	0.0474
la1s-wc	0.8825	0.0392	0.8583	0.8519	0.1918
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.7647	0.0205	0.7195	0.7523	0.0603

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.6500	0.0778	0.6476	0.6034	0.1851
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9415	0.0045	0.9414	0.9391	0.0703
leukemia	0.7143	0.1905	0.7738	0.5758	0.3077
leukemia2	0.4286	0.5714	0.4167	-0.1667	1.0000
libra	0.8611	0.0185	0.8836	0.8507	0.0540
liver	0.5294	0.4706	0.4867	-0.0264	0.9526
loan	0.9883	0.0117	0.9875	0.9750	0.0789
localization10%	0.6778	0.0586	0.4466	0.5902	0.5201
lrs	0.8679	0.0377	0.8160	0.8162	0.1149
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.6250	0.1500	0.4643	0.5102	0.1823
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9000	0.0400	0.8411	0.7814	0.0711
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.8723	0.1277	0.8679	0.7351	0.5083
madelon	0.7192	0.2808	0.7241	0.4385	0.7690
magic04	0.8606	0.1394	0.8464	0.6926	0.5559
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8229	0.1771	0.8229	0.6421	0.6074
marketing	0.8750	0.1250	0.6965	0.2884	0.4631
maternal	0.7624	0.1584	0.7652	0.6375	0.4451
math	0.8750	0.0625	0.8568	0.8079	0.1944
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8333	0.7778	0.1667
mental-health	0.2033	0.3187	0.2037	0.0043	0.8692
messidor	0.6348	0.3652	0.6473	0.2834	0.8572
meter-A	0.5000	0.5000	0.5333	0.0588	0.9056
meter-B	0.6667	0.2222	0.7222	0.5091	0.3413
meter-C	0.8889	0.0556	0.8873	0.8500	0.0795
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.9500	0.0100	0.9505	0.9444	0.0578
mfeat-fou	0.7900	0.0420	0.7885	0.7667	0.1841
mfeat-kar	0.9200	0.0160	0.9218	0.9111	0.0983
mfeat-mor	0.7050	0.0590	0.7083	0.6722	0.1800
mfeat-pix	0.9350	0.0130	0.9378	0.9278	0.0686
mfeat-zer	0.7650	0.0470	0.7653	0.7389	0.1659
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.9717	0.0189	0.9677	0.9563	0.0533
mines	0.5588	0.1765	0.5365	0.4481	0.4646
mobile	0.8706	0.0046	0.8760	0.8683	0.0599
monks-1	1.0000	0.0000	1.0000	1.0000	0.0000
monks-2	0.8525	0.1475	0.8425	0.6362	0.3343
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	0.9951	0.0049	0.9951	0.9901	0.0365
music	0.4928	0.0922	0.5200	0.3948	0.5433
musk	0.9470	0.0530	0.8931	0.7683	0.2217
MUT_ci300400a_cdk_ECFP2	0.4173	0.5827	0.2944	0.0000	0.5272
MUT_ci300400a_cdk_ECFP4	0.7808	0.2192	0.7734	0.5464	0.7048
MUT_ci300400a_cdk_ECFP6	0.7617	0.2383	0.7522	0.5015	0.7314
MUT_ci300400a_cdk_ESTATE	0.7278	0.2722	0.7154	0.4202	0.7682
MUT_ci300400a_cdk_FCFP2	0.7856	0.2144	0.7815	0.5624	0.6946

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_MACCS	0.7794	0.2206	0.7725	0.5448	0.7078
MUT_ci300400a_cdk_PUBCHEM	0.8096	0.1904	0.8039	0.6078	0.6525
MUT_ci300400a_rdkit_descriptors	0.8208	0.1792	0.8163	0.6323	0.6281
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
NCI60	0.5000	0.1667	0.4545	0.4000	0.1534
nci9	0.5000	0.1667	0.4545	0.4000	0.1541
ncRNA1%	0.9022	0.0103	0.4404	0.7257	0.5462
new-thyroid	0.9524	0.0317	0.9462	0.9000	0.1719
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5139	0.3241	0.4435	0.0899	0.6721
nursery	0.9961	0.0019	0.9970	0.9943	0.0124
obesity	0.9526	0.0135	0.9532	0.9446	0.0630
obs	0.9815	0.0093	0.9872	0.9727	0.0458
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9891	0.0054	0.9632	0.9669	0.0357
oh0-wc	0.9208	0.0158	0.9311	0.9092	0.0794
oh10-wc	0.7429	0.0514	0.7178	0.7060	0.2344
oh15-wc	0.8152	0.0370	0.8218	0.7891	0.1752
oh5-wc	0.7912	0.0418	0.8238	0.7643	0.1829
olive	0.9474	0.0117	0.9298	0.9343	0.0332
optdigits	0.9537	0.0093	0.9566	0.9486	0.0617
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.8500	0.0075	0.8108	0.8462	0.0252
orlraws10P	0.7000	0.0600	0.6462	0.6667	0.0750
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9051	0.0949	0.6038	0.2013	0.6724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.3402	0.6598	0.2538	0.0000	0.5033
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8909	0.7782	0.4492
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.9095	0.8798	0.1867
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9242	0.0758	0.9191	0.8365	0.3496
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle10%	0.9185	0.0815	0.8979	0.7954	0.4115
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.5907	0.1483	0.6102
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8816	0.1184	0.8355	0.6667	0.5236
pediatric-leukemia	0.7941	0.0588	0.8325	0.7473	0.1553
pendigits	0.9800	0.0040	0.9796	0.9777	0.0359
period	0.5556	0.4444	0.5000	0.0000	0.9591
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
persistency	0.8105	0.1895	0.7957	0.5905	0.6561
pet-adoption	0.9400	0.0600	0.9316	0.8611	0.2903
phishing	0.9551	0.0449	0.9528	0.9056	0.2507
phone-acc0.1%	0.8874	0.0322	0.8797	0.8684	0.1269
phone-gyr0.1%	0.9103	0.0256	0.9020	0.8951	0.1113
phoneme	0.8833	0.1167	0.8520	0.7003	0.5014
pima	0.6974	0.3026	0.6722	0.3318	0.8143
pirvision	0.9915	0.0057	0.9853	0.9732	0.0638
placement	0.7970	0.2030	0.7900	0.5785	0.6716
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5561	0.1268	0.2658	0.1558	0.3230
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9551	0.0449	0.7294	0.4288	0.4797
polish-5th	0.9475	0.0525	0.7648	0.5110	0.4816
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6068	0.2059	0.9040
prestige	0.7778	0.1481	0.7500	0.6604	0.2753
primary-tumor	0.3636	0.0979	0.2337	0.2759	0.3149
profb	0.6418	0.3582	0.5653	0.1270	0.9106
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9771	0.0092	0.9555	0.9692	0.0636
pulsar	0.9792	0.0208	0.9357	0.8683	0.1878
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.7667	0.0359	0.7097	0.6971	0.3713
re1-wc	0.7892	0.0169	0.6191	0.7609	0.1781
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9835	0.0165	0.9834	0.9666	0.1060
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6139	0.3861	0.5972	0.0711	0.6191
satimage	0.9020	0.0327	0.8897	0.8791	0.1544
satimageF	0.9922	0.0078	0.9801	0.9602	0.1342
satimageT	0.9347	0.0653	0.7958	0.5702	0.4464
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.4118	0.5882	0.4111	-0.1765	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9610	0.0111	0.9658	0.9544	0.0542
segmentation	0.8020	0.1980	0.7871	0.5737	0.6781
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9748	0.0252	0.9274	0.8437	0.0852
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sens-4-gram	0.8526	0.1474	0.6043	0.1903	0.7128
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9019	0.0981	0.7969	0.5871	0.5433
shuttle	0.9988	0.0003	0.6588	0.9966	0.0321
sick	0.9761	0.0239	0.8957	0.7784	0.1990
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin10%	0.9955	0.0045	0.9932	0.9864	0.0627
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2600	0.3700	0.2592	0.0107	0.7865
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
soil_pollution	0.1867	0.3253	0.1859	-0.0177	0.8803

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
solar-flare	0.7410	0.0863	0.5820	0.6681	0.2041
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9559	0.0046	0.9565	0.9515	0.0237
spam-detection	0.9545	0.0455	0.8552	0.7069	0.4128
spambase	0.9261	0.0739	0.9231	0.8460	0.3621
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8286	0.1714	0.7900	0.5800	0.6541
spectrometer	0.5385	0.0342	0.4174	0.5106	0.1612
splice-EI	0.9653	0.0347	0.9561	0.9106	0.2608
splice-IE	0.9338	0.0662	0.9079	0.8158	0.3854
sport-articles	0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9038	0.0641	0.8787	0.8435	0.2241
steel-b	0.8667	0.1333	0.7993	0.5985	0.6140
steel-d	0.9692	0.0308	0.6983	0.3849	0.5335
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.7949	0.2051	0.7794	0.5575	0.6904
steel-p	0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9692	0.0308	0.9226	0.8401	0.3898
stock	0.9444	0.0556	0.9131	0.8229	0.4044
stockb	0.9868	0.0088	0.9868	0.9802	0.0432
streaming	0.9880	0.0120	0.9880	0.9758	0.0825
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.6150	0.1540	0.2724	0.3388	0.3289
student-habits	0.3000	0.2800	0.1635	-0.0621	0.6632
student-weekend	0.3692	0.2523	0.2864	0.1403	0.6669
student-workday	0.6875	0.1250	0.2212	0.0731	0.3365
studentap	0.3077	0.4615	0.3111	-0.0263	0.7419
susy1%	0.5420	0.4580	0.3515	0.0000	0.5202
tae	0.3333	0.4444	0.2764	0.0000	0.7484
telco-churn	0.8949	0.1051	0.8607	0.7171	0.4703
texture	0.9745	0.0046	0.9763	0.9719	0.0358
theorem	0.9951	0.0049	0.9950	0.9899	0.0434
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9579	0.0421	0.9529	0.9058	0.2511
tis10%	0.8209	0.1791	0.7540	0.5075	0.6898
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.7059	0.2941	0.6898	0.2056	0.4505
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.6533	0.3467	0.5591	0.1168	0.8628
trec11-wc	0.8049	0.0434	0.6521	0.7583	0.1689
trec12-wc	0.8387	0.0403	0.8919	0.8067	0.1133
trec21-wc	0.8788	0.0485	0.6908	0.7660	0.2803
trec23-wc	0.9048	0.0317	0.8073	0.8692	0.0959
trec31-wc	0.9140	0.0287	0.9062	0.8876	0.1871
trec41-wc	0.8977	0.0205	0.8642	0.8759	0.1450
trec45-wc	0.9275	0.0145	0.8901	0.9158	0.0739
tuandromd	0.9749	0.0251	0.9601	0.9201	0.2201
turkish	0.8250	0.0875	0.8218	0.7667	0.1998
tvnews1%	0.8615	0.1385	0.8496	0.6975	0.5403

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tvnews10%	0.8998	0.1002	0.8928	0.7854	0.4501
ur3_cobotops_grip	0.9714	0.0286	0.7162	0.2165	0.0888
ur3_cobotops_stop	0.9660	0.0340	0.6938	0.3441	0.4660
urban	0.7612	0.0531	0.7644	0.7192	0.2174
urinalysis	0.9441	0.0559	0.6684	0.3075	0.5516
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7738	0.1131	0.7163	0.6921	0.2281
vehicleVAN	0.9286	0.0714	0.9085	0.8154	0.4105
voice	1.0000	0.0000	1.0000	1.0000	0.0000
vote	0.8372	0.1628	0.8474	0.6760	0.5146
vowel	0.5657	0.0790	0.5855	0.5222	0.2695
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.6923	0.0615	0.5958	0.6556	0.0864
warppie10p	0.9524	0.0095	0.9667	0.9471	0.0265
watch-acc1%	0.9794	0.0059	0.9790	0.9759	0.0418
watch-gyr1%	0.9860	0.0040	0.9857	0.9836	0.0293
water_pollution	0.2233	0.3883	0.2243	-0.0347	0.8800
waveform	0.8100	0.1267	0.8114	0.7149	0.4067
weather-related	0.9712	0.0052	0.9710	0.9673	0.0477
web-phishing	0.8370	0.1086	0.7837	0.7135	0.4376
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9850	0.0075	0.9854	0.9800	0.0287
wilt	0.9710	0.0290	0.8406	0.6805	0.4428
wine	0.8824	0.0784	0.8530	0.7733	0.1202
winequality-red	0.6730	0.1090	0.3642	0.4818	0.5342
winequality-white	0.6687	0.1104	0.4359	0.4995	0.4699
wisc_bc	0.9298	0.0702	0.9272	0.8521	0.3517
yale	0.7500	0.0333	0.6797	0.7311	0.0544
yeast	0.5743	0.0946	0.4238	0.4540	0.4678
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

Table 513: Detailed results for CALIFOREST(ova) Noise 10%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1415	0.0747	0.1210	0.0529	0.4936
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9831	0.0169	0.6628	0.1529	0.2131
accident	0.4000	0.6000	0.3697	-0.2000	1.0000
ads	0.9604	0.0396	0.9139	0.8174	0.1948
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8779	0.1221	0.8254	0.6412	0.5180
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8857	0.0457	0.7199	0.7393	0.1141
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9442	0.0558	0.9387	0.8757	0.2730
anneal	0.9663	0.0135	0.9590	0.9276	0.0897
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9791	0.0104	0.9424	0.9601	0.0565
anuran-genus	0.9805	0.0049	0.9433	0.9679	0.0649
anuran-species	0.9889	0.0022	0.9757	0.9845	0.0376
anxiety	0.1333	0.1926	0.1117	0.0258	0.6804
apple-quality	0.8525	0.1475	0.8525	0.7050	0.5545
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.8500	0.1500	0.8424	0.6809	0.5520
auction	0.9902	0.0098	0.9777	0.9544	0.0418
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0600	0.8265	0.8033	0.1375
avila	0.9473	0.0088	0.9695	0.9313	0.0791
babies	0.4355	0.1613	0.1426	0.1025	0.3725
balance	0.9032	0.0645	0.6222	0.8182	0.1763
banknote	0.9489	0.0511	0.9499	0.8974	0.2570
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8963	0.1037	0.8879	0.7654	0.3882
basehock	0.9799	0.0201	0.9799	0.9598	0.1334
bio10%	0.9959	0.0041	0.8698	0.7253	0.2186
biodeg	0.8000	0.2000	0.7843	0.5523	0.6307
biomed	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7194	0.1403	0.7200	0.6259	0.4204
brain-tumor	0.5070	0.4930	0.5148	0.0163	0.8186
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.7273	0.2727	0.7800	0.4762	0.4882
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.8000	0.5294	0.5000
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9483	0.0259	0.9165	0.8912	0.1907
car-insurance	0.8320	0.1680	0.8068	0.6134	0.6349
card	0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography	0.8826	0.0235	0.8696	0.8595	0.1509
cardiotocography-nsp	0.9437	0.0376	0.8898	0.8354	0.1533
cardiovascular	0.7362	0.2638	0.7371	0.4724	0.7663
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.7078	0.6070	0.4637
cas_N6512_cdk_ECFP2	0.7127	0.2873	0.7168	0.4287	0.7898
cas_N6512_rdkit_ATOMPAIR	0.7277	0.2723	0.7312	0.4580	0.7705
cas_N6512_RDkit_AtomPair_FP	0.7377	0.2623	0.7353	0.4685	0.7652
cas_N6512_rdkit_AVALON	0.7803	0.2197	0.7786	0.5546	0.6941
cas_N6512_RDkit_Avalon_FP	0.7837	0.2163	0.7841	0.5671	0.6914
cas_N6512_rdkit_descriptors	0.7708	0.2292	0.7705	0.5405	0.7156
cas_N6512_rdkit_FEATMORGAN	0.7281	0.2719	0.7258	0.4514	0.7838
cas_N6512_RDkit_Featmorgan_FP	0.7531	0.2469	0.7513	0.5024	0.7464
cas_N6512_RDkit_FP	0.7653	0.2347	0.7633	0.5258	0.7246
cas_N6512_rdkit_LAYERED	0.7692	0.2308	0.7673	0.5333	0.7172
cas_N6512_RDkit_Layered_FP	0.7531	0.2469	0.7513	0.5024	0.7464
cas_N6512_rdkit_MACCS	0.7923	0.2077	0.7906	0.5791	0.6740
cas_N6512_RDkit_MACCS_FP	0.7704	0.2296	0.7685	0.5367	0.7181
cas_N6512_rdkit_MORGAN	0.7662	0.2338	0.7654	0.5306	0.7244
cas_N6512_RDkit_morgan_FP	0.7439	0.2561	0.7462	0.4892	0.7505
cas_N6512_rdkit_PATTERN	0.7985	0.2015	0.7972	0.5944	0.6686
cas_N6512_RDkit_pattern_FP	0.7669	0.2331	0.7651	0.5301	0.7239
cas_N6512_rdkit_RDKITFP	0.7496	0.2504	0.7478	0.4956	0.7517
cas_N6512_rdkit_TORSION	0.7391	0.2609	0.7405	0.4788	0.7605
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7617	0.2383	0.7613	0.5106	0.7083
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6744	0.0561	0.1301
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.4881	0.0000	0.1284
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.9406	0.0297	0.9326	0.9115	0.1348
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9995	0.0005	0.8570	0.6894	0.1704
chronic-kidney	0.9277	0.0723	0.6909	0.1332	0.1784
churn	0.8440	0.1560	0.7249	0.4019	0.5778
churn-bigml	0.9513	0.0487	0.8997	0.7984	0.3623
ci900367j_MACCS	0.6842	0.3158	0.6610	0.3218	0.8520
circles	0.9820	0.0004	0.9830	0.9818	0.0086
cirrhosis	0.7619	0.1587	0.7431	0.5150	0.3545
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8139	0.0931	0.6760	0.7063	0.3795

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.6667	0.2222	0.7500	0.4783	0.3555
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5354	0.2943	0.6962
cnae-9	0.9815	0.0041	0.9818	0.9792	0.0209
codon_usage	0.9117	0.0160	0.7564	0.8923	0.1227
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9481	0.0519	0.9335	0.8650	0.2712
colon-tumor	0.6667	0.3333	0.6250	0.2500	0.8750
colposcopies-1	0.6897	0.3103	0.6349	0.2606	0.8474
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.7586	0.2414	0.7480	0.4835	0.7133
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.8276	0.1724	0.8335	0.6523	0.5548
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.8065	0.1290	0.7333	0.6810	0.2682
cottonmeloidogyne	0.7740	0.2260	0.7761	0.5485	0.6998
covtypeCD	0.9821	0.0179	0.9615	0.9225	0.1661
crabs	0.8500	0.0750	0.8681	0.8000	0.1442
creditcard_trans10%	0.9986	0.0014	0.7996	0.5993	0.4684
crowdsourced	0.9484	0.0172	0.8615	0.8936	0.1515
cryotherapy	0.5556	0.4444	0.3571	0.0000	0.5164
customer-churn	0.9836	0.0164	0.7499	0.4602	0.3763
cybersecurity	0.1933	0.2689	0.2267	0.0219	0.6339
cyclopentane	0.7407	0.2593	0.7373	0.4615	0.7356
cylinder-bands	0.7222	0.2778	0.7345	0.4534	0.7458
darwin	0.9444	0.0556	0.9472	0.8889	0.2236
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8247	0.1753	0.7170	0.4164	0.6733
defect	0.9568	0.0432	0.9166	0.8231	0.1976
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.5000	0.3333	0.4306	0.1795	0.6427
dexter	0.9667	0.0333	0.9677	0.9333	0.1598
df_final	0.6875	0.2083	0.6594	0.5238	0.3879
DIA	0.8667	0.1333	0.8113	0.6098	0.5380
diabetes	0.9808	0.0192	0.9799	0.9590	0.0927
diabetes-risk	0.9202	0.0798	0.8745	0.7469	0.4336
diabetic1%	0.6176	0.2549	0.4093	0.2283	0.4422
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7558	0.0977	0.7581	0.6521	0.3270
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.5000	0.5000	0.5000	0.0000	0.9831
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698
dota210%	0.5534	0.4466	0.5495	0.0982	0.9651
drebin	0.9610	0.0390	0.9586	0.9163	0.2053
dropout	0.7607	0.1595	0.6834	0.5962	0.4693
drug-01	0.3777	0.1778	0.0789	-0.0274	0.3926
drug-02	0.5213	0.1368	0.1604	0.1340	0.4317
drug-03	0.6862	0.1046	0.1361	0.0027	0.2637

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-04	0.5266	0.1353	0.0992	0.0033	0.3350
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4362	0.1611	0.2413	0.2730	0.4493
drug-07	0.4255	0.1915	0.1409	0.0016	0.3500
drug-08	0.5745	0.1216	0.2093	0.1342	0.3553
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5479	0.1292	0.1528	0.1586	0.3620
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1715	0.2459	0.3183
drug-14	0.6117	0.1109	0.2642	0.2943	0.4368
drug-15	0.7553	0.0699	0.1233	0.0103	0.2903
drug-16	0.6170	0.1277	0.2994	0.3614	0.3905
drug-17	0.4043	0.1702	0.1977	0.1642	0.4612
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9170	0.0237	0.9292	0.8996	0.1349
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9091	0.0909	0.8722	0.7415	0.4437
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2900	0.3550	0.3043	0.0508	0.6570
eeg-eye	0.8518	0.1482	0.8500	0.6995	0.5568
eeg10%	0.4416	0.0698	0.4266	0.3771	0.5077
eucalyptus	0.5753	0.1699	0.5279	0.4440	0.4167
euthyroid	0.9715	0.0285	0.9184	0.8367	0.3176
fakenews	0.5300	0.4700	0.5307	0.0609	0.9792
farm-ads	0.8792	0.1208	0.8793	0.7580	0.4885
fbis-wc	0.8333	0.0196	0.7686	0.8105	0.1330
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6275	0.3725	0.6335	0.2620	0.8844
financial-risk	0.8590	0.0470	0.6715	0.7722	0.1952
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gastrointestinal	0.8750	0.0833	0.9107	0.8049	0.1750
gender	0.6000	0.2667	0.4858	0.1366	0.5237
gene	0.9211	0.0526	0.9098	0.8732	0.2256
german	0.7000	0.3000	0.6460	0.2167	0.6973
gestures	0.9366	0.0317	0.9367	0.9155	0.1522
gina	0.9366	0.0634	0.9366	0.8731	0.3151
glass-g2	0.9375	0.0625	0.9352	0.8621	0.2092
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.8095	0.1905	0.7771	0.5385	0.6309
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8571	0.1429	0.8603	0.7131	0.5255
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.5043	0.2814	0.5764
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
har	0.9832	0.0067	0.9821	0.9787	0.0438
har701%	0.9164	0.0239	0.5391	0.8762	0.1078
harth1%	0.8680	0.0220	0.5681	0.8191	0.1729
hayes-roth	0.8125	0.1250	0.8727	0.7091	0.1887
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.8065	0.1935	0.8046	0.6092	0.6543
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.9840	0.0160	0.9814	0.9625	0.0939
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.6481	0.2857	0.7559
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6809	0.3191	0.6790	0.3576	0.8453
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.7500	0.2500	0.7490	0.4980	0.7508
hiv1-proteasa	0.8853	0.1147	0.7755	0.5358	0.5568
hiva	0.9622	0.0378	0.5844	0.1005	0.4517
horse	0.6389	0.2407	0.4548	0.3158	0.4764
hotel-reservartions	0.8848	0.1152	0.8677	0.7349	0.4962
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9914	0.0057	0.9918	0.9870	0.0341
htru2	0.9793	0.0207	0.9351	0.8651	0.1500
hypothyroid	0.9920	0.0040	0.7292	0.9533	0.1135
hypothyroidT	0.9947	0.0053	0.9813	0.9626	0.1146
ilpd	0.7458	0.2542	0.6509	0.1976	0.6122
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	0.9333	0.0444	0.9428	0.8980	0.1044
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8145	0.1855	0.6309	0.2024	0.6592
jvowels	0.9769	0.0051	0.9744	0.9738	0.0388
kc1	0.8531	0.1469	0.6744	0.0982	0.2917
kc1-class-level-defectiveornot	0.8000	0.2000	0.8001	0.5946	0.6559
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6751	0.3350	0.7254
kdc-4007	0.8504	0.0428	0.8518	0.8254	0.2352
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8881	0.0746	0.8472	0.8157	0.2080
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7280	0.0302	0.7698	0.6955	0.2811
krvskp	0.9749	0.0251	0.9749	0.9498	0.1583
la1s-wc	0.8730	0.0423	0.8490	0.8389	0.1938
la2s-wc	0.8808	0.0397	0.8674	0.8484	0.1848
labor	1.0000	0.0000	1.0000	1.0000	0.0000
led24	0.6500	0.0778	0.6425	0.6000	0.1765
letter	0.9410	0.0045	0.9411	0.9386	0.0680
leukemia	0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8056	0.0259	0.8322	0.7912	0.0811
liver	0.6765	0.3235	0.6579	0.3100	0.8329
loan	0.9906	0.0094	0.9900	0.9800	0.0680
localization10%	0.6438	0.0648	0.3880	0.5384	0.4260
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.7308	0.2692	0.7336	0.4615	0.7638

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
magic04	0.8685	0.1315	0.8532	0.7012	0.5095
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8325	0.6645	0.5960
marketing	0.8839	0.1161	0.7254	0.3621	0.4447
maternal	0.8020	0.1320	0.8033	0.6987	0.4079
math	0.8250	0.0875	0.7817	0.7371	0.2882
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.1933	0.3227	0.1017	-0.0202	0.5364
messidor	0.6087	0.3913	0.6048	0.2093	0.9190
meter-A	0.7500	0.2500	0.7333	0.4667	0.7630
meter-B	0.8889	0.0741	0.9026	0.8333	0.1548
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9700	0.0060	0.9706	0.9667	0.0377
mfeat-fou	0.8100	0.0380	0.8131	0.7889	0.1530
mfeat-kar	0.9750	0.0050	0.9760	0.9722	0.0314
mfeat-mor	0.7350	0.0530	0.7355	0.7056	0.1832
mfeat-pix	0.9850	0.0030	0.9852	0.9833	0.0189
mfeat-zer	0.8000	0.0400	0.8013	0.7778	0.1467
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5570	0.4475	0.4420
mobile	0.9336	0.0024	0.9397	0.9324	0.0314
monks-1	0.8364	0.1636	0.8485	0.6741	0.4989
monks-2	0.9344	0.0656	0.9290	0.8479	0.2092
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5272	0.0860	0.5571	0.4284	0.4930
musk	0.9545	0.0455	0.9089	0.8092	0.2456
MUT_ci300400a_cdk_ECFP2	0.7662	0.2338	0.7601	0.5202	0.7296
MUT_ci300400a_cdk_ECFP4	0.7725	0.2275	0.7672	0.5342	0.7185
MUT_ci300400a_cdk_ECFP6	0.7593	0.2407	0.7538	0.5074	0.7399
MUT_ci300400a_cdk_ESTATE	0.7470	0.2530	0.7392	0.4783	0.7606
MUT_ci300400a_cdk_FCFP2	0.7389	0.2611	0.7342	0.4678	0.7690
MUT_ci300400a_cdk_MACCS	0.7986	0.2014	0.7909	0.5782	0.6630
MUT_ci300400a_cdk_PUBCHEM	0.8299	0.1701	0.8251	0.6502	0.6113
MUT_ci300400a_rdkit_descriptors	0.8145	0.1855	0.8110	0.6219	0.6411
myocardial	0.8882	0.0279	0.3177	0.4309	0.0941
ncRNA1%	0.9134	0.0091	0.5108	0.7533	0.3885
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5417	0.3056	0.3773	0.0492	0.4422
nursery	0.9784	0.0108	0.9617	0.9683	0.0580
obesity	0.9242	0.0217	0.9257	0.9114	0.0944
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9942	0.0058	0.9919	0.9837	0.0776
Occupancy_Estimation	0.9951	0.0025	0.9818	0.9849	0.0117
oh0-wc	0.9406	0.0119	0.9361	0.9323	0.0699
oh10-wc	0.7714	0.0457	0.7497	0.7394	0.2016
oh15-wc	0.9239	0.0152	0.9241	0.9134	0.0715
oh5-wc	0.9011	0.0198	0.9051	0.8884	0.1006
olive	0.9123	0.0195	0.9098	0.8911	0.0791
optdigits	0.9680	0.0064	0.9695	0.9644	0.0469
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9130	0.0870	0.5981	0.1744	0.6403
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8113	0.6225	0.6300
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8966	0.7930	0.4421
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9817	0.0073	0.8947	0.8980	0.1629
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.8910	0.1090	0.8833	0.7656	0.4614
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.9131	0.0869	0.8932	0.7864	0.4413
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5515	0.4485	0.3555	-0.0611	0.7757
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9079	0.0921	0.8727	0.7308	0.3702
pediatric-leukemia	0.8235	0.0504	0.7646	0.7821	0.1427
pendigits	0.9909	0.0018	0.9910	0.9899	0.0162
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8134	0.1866	0.7976	0.5911	0.6408
pet-adoption	0.9300	0.0700	0.9200	0.8380	0.3323
phishing	0.9429	0.0571	0.9402	0.8783	0.2693
phone-acc0.1%	0.8323	0.0479	0.8193	0.8038	0.1771
phone-gyr0.1%	0.8701	0.0371	0.8622	0.8480	0.1696
phoneme	0.9093	0.0907	0.8866	0.7725	0.4382
pima	0.6711	0.3289	0.6405	0.2647	0.8408
pirvision	0.9895	0.0070	0.9770	0.9669	0.0808
placement	0.8030	0.1970	0.7961	0.5879	0.6517
plant-growth	0.7368	0.2632	0.7389	0.4751	0.7624
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5639	0.1246	0.2218	0.1665	0.2961
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9612	0.0388	0.7666	0.4827	0.3605
polish-5th	0.9611	0.0389	0.8283	0.6270	0.3087
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.7500	0.2500	0.7510	0.5000	0.7445
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
profb	0.6716	0.3284	0.5552	0.0587	0.7352
promoters	0.8000	0.2000	0.8333	0.6154	0.4644
prostate	0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio10%	0.9843	0.0063	0.9704	0.9789	0.0403
pulsar	0.9824	0.0176	0.9459	0.8895	0.1608
raisin	0.9333	0.0667	0.9333	0.8667	0.3271
re0-wc	0.8267	0.0267	0.7892	0.7689	0.2010
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9868	0.0132	0.9867	0.9733	0.0892
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.7228	0.2772	0.7068	0.4053	0.7833
satimage	0.8958	0.0347	0.8808	0.8711	0.1591
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9362	0.0638	0.7980	0.5550	0.3705
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5294	0.4706	0.5436	0.0588	0.8368
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9567	0.0124	0.9604	0.9494	0.0599
segmentation	0.8119	0.1881	0.8028	0.6023	0.6508
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.5955	0.0812	0.4869
sens-3-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sens-4-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-5-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sens-6-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-7-gram	0.8763	0.1237	0.6559	0.1245	0.3621
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9019	0.0981	0.7905	0.5623	0.5063
shuttle	1.0000	0.0000	1.0000	1.0000	0.0000
sick	0.9761	0.0239	0.8957	0.7784	0.1990
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9992	0.0008	0.9988	0.9975	0.0176
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2400	0.3800	0.1000	-0.0270	0.5262
smk_can_187	0.6842	0.3158	0.6910	0.3736	0.8166
soil_pollution	0.1900	0.3240	0.1880	-0.0207	0.6041
solar-flare	0.7482	0.0839	0.6936	0.6761	0.1692
sonar	0.7000	0.3000	0.7041	0.4000	0.7994
spam-detection	0.9555	0.0445	0.8854	0.7631	0.4714
spambase	0.9283	0.0717	0.9247	0.8484	0.3378
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8286	0.1714	0.7900	0.5800	0.6541
splice-EI	0.9621	0.0379	0.9493	0.8980	0.2343
splice-IE	0.9211	0.0789	0.8880	0.7744	0.4121
sport-articles	0.8600	0.1400	0.8478	0.6928	0.5387
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9677	0.0323	0.9666	0.9310	0.1967
steel_industry	0.8995	0.0670	0.8731	0.8367	0.2317
steel-b	0.8615	0.1385	0.7861	0.5716	0.6239
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9897	0.0103	0.9842	0.9680	0.0467
steel-o	0.7949	0.2051	0.7660	0.5153	0.6542
steel-p	0.9128	0.0872	0.6038	0.1576	0.5801
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9744	0.0256	0.9236	0.8432	0.2195
stock	0.9236	0.0764	0.8659	0.7297	0.4443
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9960	0.0040	0.9960	0.9919	0.0362
stress	0.9683	0.0127	0.9690	0.9603	0.0466
student-lifestyle	0.6400	0.1440	0.3490	0.4048	0.4098
student-habits	0.3800	0.2480	0.1787	0.0023	0.4084
student-weekend	0.4154	0.2338	0.2240	0.1272	0.4750
student-workday	0.7031	0.1187	0.2116	0.0753	0.2776
studentap	0.3846	0.4103	0.2083	0.0189	0.5348
susy1%	0.7952	0.2048	0.7938	0.5833	0.6618
tae	0.3333	0.4444	0.3542	0.0000	0.6564
telco-churn	0.8963	0.1037	0.8629	0.7224	0.4707
texture	0.9800	0.0036	0.9807	0.9779	0.0288
theorem	0.9885	0.0115	0.9883	0.9765	0.0882
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9648	0.0352	0.4910	-0.0114	0.5522

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
Thyroid_Diff	0.8684	0.1316	0.8407	0.6303	0.3018
tic-tac-toe	0.9789	0.0211	0.9764	0.9529	0.1491
tis10%	0.8806	0.1194	0.8304	0.6335	0.4335
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7059	0.2941	0.6898	0.2056	0.4505
transfusion	0.6933	0.3067	0.5161	0.0304	0.8859
trec21-wc	0.9697	0.0121	0.7958	0.9345	0.0286
trec31-wc	0.9570	0.0143	0.9535	0.9426	0.0693
trec41-wc	0.9659	0.0068	0.9377	0.9584	0.0336
trec45-wc	0.9275	0.0145	0.8267	0.9154	0.0659
tuandromd	0.9863	0.0137	0.9787	0.9570	0.1606
turkish	0.7750	0.1125	0.7795	0.7000	0.2756
tvnews1%	0.9154	0.0846	0.9085	0.8160	0.3871
tvnews10%	0.8982	0.1018	0.8903	0.7806	0.4518
ur3_cobotops_grip	0.9741	0.0259	0.7495	0.3374	0.0823
ur3_cobotops_stop	0.9741	0.0259	0.7788	0.4761	0.2201
urban	0.8358	0.0365	0.8625	0.8080	0.1409
urinalysis	0.9510	0.0490	0.7135	0.2124	0.1341
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7976	0.1012	0.7426	0.7238	0.1880
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6465	0.0643	0.6721	0.6111	0.1939
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9204	0.0228	0.9186	0.9068	0.1089
watch-gyr1%	0.9217	0.0224	0.9190	0.9086	0.1018
water_pollution	0.2467	0.3767	0.2371	-0.0081	0.7430
waveform	0.8520	0.0987	0.8523	0.7781	0.3442
weather-related	0.9692	0.0056	0.9707	0.9651	0.0465
web-phishing	0.8519	0.0988	0.7478	0.7376	0.4344
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9793	0.0207	0.8829	0.7620	0.3176
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6667	0.1111	0.3292	0.4609	0.3627
winequality-white	0.6339	0.1220	0.3946	0.4344	0.4756
wisc_bc	0.9649	0.0351	0.9643	0.9261	0.2027
yeast	0.5676	0.0961	0.4735	0.4406	0.3566
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.4914	-0.0109	0.5494
yeastME1	0.9797	0.0203	0.8307	0.6563	0.5107
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

Table 514: Detailed results for ExtraTrees(SK) Noise 10%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1079	0.0776	0.1303	0.0607	0.7615
abalone19	0.9258	0.0742	0.4807	-0.0131	0.1627
abalone9-18	0.7123	0.2877	0.5673	0.0748	0.3987
accelerometer	0.9487	0.0513	0.6942	0.3033	0.4644
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.9726	0.0274	0.9413	0.8785	0.1617
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8968	0.1032	0.5570	0.0910	0.6571
AID_1431_KlekotaRothFingerprinter	0.8254	0.1746	0.4522	-0.0957	0.7098
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.7810	0.2190	0.6229	0.2455	0.7873
AID_602330	0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128	0.8586	0.0943	0.5126	0.0797	0.3836
AID1284Morered	0.7222	0.2778	0.5028	0.0055	0.7605
AID1284red	0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered	0.8932	0.1068	0.6051	0.2094	0.6663
AID1608red	0.8447	0.1553	0.4579	-0.0785	0.5812
AID362red	0.9112	0.0888	0.5257	0.0268	0.2740
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red	0.7000	0.3000	0.6098	0.2105	0.8520
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8451	0.1549	0.8004	0.5985	0.6353
air_pollution	0.2800	0.2057	0.1619	0.0118	0.8916
alcohol	0.8190	0.0724	0.6239	0.6362	0.5388
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8651	0.1349	0.8551	0.7092	0.5454
anneal	0.9101	0.0360	0.8511	0.8306	0.2994
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9875	0.0125	0.8214	0.5663	0.5239
anuran-family	0.9736	0.0132	0.9345	0.9497	0.0989
anuran-genus	0.9638	0.0090	0.9157	0.9412	0.1747
anuran-species	0.9736	0.0053	0.9484	0.9634	0.0626
anxiety	0.0667	0.2074	0.0624	-0.0506	0.8427
apple-quality	0.8300	0.1700	0.8301	0.6600	0.6041
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7041	0.4000	0.7967
arrhythmia	0.7778	0.0444	0.6392	0.6324	0.2538
auction	0.9314	0.0686	0.8877	0.7491	0.4745
audiology	0.8182	0.0331	0.6516	0.7885	0.0642
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9714	0.0286	0.9662	0.9301	0.2161
autism-child	0.8621	0.1379	0.8619	0.7238	0.5324
autos	0.7500	0.1000	0.7434	0.6774	0.2623
avila	0.9650	0.0058	0.9005	0.9551	0.2043
babies	0.2661	0.2097	0.2163	0.0890	0.6920
balance	0.7903	0.1398	0.6458	0.6517	0.3520
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8894	0.1106	0.8805	0.7487	0.4010
basehock	0.9698	0.0302	0.9702	0.9397	0.1709
bio10%	0.9966	0.0034	0.8995	0.7983	0.3018

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8571	0.1429	0.8513	0.7014	0.5556
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.8885	0.0318	0.2359	0.0783	0.3213
body-perf	0.7127	0.1437	0.7119	0.6169	0.4239
brain-tumor	0.4920	0.5080	0.4920	-0.0159	1.0000
breast-cancer	0.7500	0.2500	0.7056	0.4096	0.7758
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.6364	0.3636	0.6309	0.2414	0.8512
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.7000	0.1000	0.5588	0.5946	0.1544
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4140	0.3907	0.3314	0.0027	0.8200
car	0.8908	0.0546	0.8302	0.7907	0.4134
car-insurance	0.8280	0.1720	0.8123	0.6193	0.6287
card	0.8841	0.1159	0.8806	0.7598	0.4723
cardiotocography	0.8545	0.0291	0.8461	0.8282	0.2128
cardiotocography-nsp	0.8685	0.0876	0.7889	0.6836	0.4546
cardiovascular	0.7040	0.2960	0.7049	0.4080	0.8112
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6677	0.5628	0.4907
cas_N6512_cdk_ECFP2	0.7373	0.2627	0.7396	0.4761	0.7605
cas_N6512_rdkit_ATOMPAIR	0.7585	0.2415	0.7595	0.5172	0.7319
cas_N6512_RDkit_AtomPair_FP	0.7623	0.2377	0.7620	0.5234	0.7297
cas_N6512_rdkit_AVALON	0.8065	0.1935	0.8064	0.6120	0.6512
cas_N6512_RDkit_Avalon_FP	0.8083	0.1917	0.8102	0.6173	0.6396
cas_N6512_rdkit_descriptors	0.7646	0.2354	0.7656	0.5295	0.7219
cas_N6512_rdkit_FEATMORGAN	0.7588	0.2412	0.7577	0.5153	0.7370
cas_N6512_RDkit_Featmorgan_FP	0.7745	0.2255	0.7745	0.5482	0.7087
cas_N6512_RDkit_FP	0.7761	0.2239	0.7759	0.5512	0.7064
cas_N6512_rdkit_LAYERED	0.7892	0.2108	0.7911	0.5793	0.6760
cas_N6512_RDkit_Layered_FP	0.7623	0.2377	0.7606	0.5212	0.7317
cas_N6512_rdkit_MACCS	0.8000	0.2000	0.7987	0.5974	0.6659
cas_N6512_RDkit_MACCS_FP	0.7904	0.2096	0.7916	0.5811	0.6765
cas_N6512_rdkit_MORGAN	0.8046	0.1954	0.8040	0.6077	0.6563
cas_N6512_RDkit_morgan_FP	0.7837	0.2163	0.7841	0.5671	0.6914
cas_N6512_rdkit_PATTERN	0.7862	0.2138	0.7875	0.5727	0.6837
cas_N6512_RDkit_pattern_FP	0.7837	0.2163	0.7856	0.5683	0.6860
cas_N6512_rdkit_RDKITFP	0.7773	0.2227	0.7762	0.5523	0.7064
cas_N6512_rdkit_TORSION	0.7609	0.2391	0.7634	0.5232	0.7228
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7668	0.2332	0.7802	0.5344	0.6570
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9380	0.0620	0.7136	0.4131	0.5978
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.8848	0.1152	0.5824	0.1491	0.5734
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.9302	0.0698	0.7711	0.5343	0.5962
cervical-C	0.8721	0.1279	0.5466	0.0886	0.6145
cervical-H	0.9186	0.0814	0.7964	0.4992	0.5131
cervical-S	0.9070	0.0930	0.7545	0.5043	0.6240
children-anemia	0.7930	0.1035	0.7226	0.6906	0.4437
chrom191%	0.9465	0.0535	0.6699	0.0399	0.0594
chrom1910%	0.9555	0.0445	0.6570	0.0386	0.0617
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7970	0.2030	0.7373	0.4605	0.6999
churn-bigml	0.8689	0.1311	0.8075	0.5848	0.5929
ci900367j_MACCS	0.7158	0.2842	0.7073	0.4121	0.7982
circles	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cirrhosis	0.6905	0.2063	0.5913	0.4142	0.6199
cjs	0.9929	0.0024	0.9920	0.9913	0.0173
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7898	0.1051	0.6762	0.6844	0.4585
climate	0.9259	0.0741	0.7300	0.4600	0.6129
cll_sub_111	0.7500	0.1667	0.7708	0.6087	0.4277
cm1	0.8000	0.2000	0.4444	-0.1111	0.7317
cmc	0.5714	0.2857	0.5634	0.3471	0.6705
cnae-9	0.9074	0.0206	0.9162	0.8958	0.0883
codon_usage	0.9056	0.0172	0.7602	0.8854	0.2103
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9091	0.0909	0.8921	0.7806	0.4581
collins	0.8400	0.0213	0.8260	0.8243	0.0850
colon-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
colposcopies-1	0.5862	0.4138	0.5635	0.1256	0.9212
colposcopies-2	0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5	0.7586	0.2414	0.5412	0.0814	0.8234
colposcopies-6	0.7931	0.2069	0.7947	0.5837	0.6596
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.8387	0.1613	0.8362	0.6578	0.5744
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne	0.7764	0.2236	0.7775	0.5532	0.7012
covtypeCD	0.9548	0.0452	0.9207	0.8304	0.4041
crabs	0.7500	0.1250	0.7541	0.6667	0.2405
creditcard_trans10%	0.9881	0.0119	0.6840	0.1880	0.2756
crowdsourced	0.9336	0.0221	0.8477	0.8666	0.2698
cryotherapy	0.6667	0.3333	0.6582	0.3077	0.8482
cultivars	0.4688	0.0332	0.4102	0.4516	0.1070
customer-churn	0.8550	0.1450	0.6679	0.1612	0.2864
cybersecurity	0.1833	0.2722	0.1920	0.0202	0.8567
cyclopentane	0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands	0.7037	0.2963	0.6925	0.3802	0.8135
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.5385	0.4615	0.3500	-0.1471	0.4353
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7913	0.2087	0.7149	0.4274	0.7380
defect	0.9321	0.0679	0.8721	0.7440	0.4495
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.7902	0.2098	0.5985	0.1954	0.7889
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.4018	0.2195	0.6184
dexter	0.8833	0.1167	0.8853	0.7667	0.4597
df_final	0.6250	0.2500	0.6409	0.4483	0.3921
DIA	0.8667	0.1333	0.8222	0.6444	0.5872
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-risk	0.8828	0.1172	0.8467	0.6813	0.5544
diabetic1%	0.3824	0.4118	0.4046	0.0819	0.7383
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.6678	0.1329	0.6229	0.5374	0.5060
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.5491	0.0909	0.9325
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dota210%	0.5825	0.4175	0.5809	0.1617	0.9440
drebin	0.9795	0.0205	0.9782	0.9564	0.1384
dropout	0.7314	0.1791	0.6937	0.5731	0.4928
drug-01	0.3032	0.1991	0.2222	0.1041	0.8698
drug-02	0.4255	0.1641	0.2838	0.2343	0.7828
drug-03	0.5106	0.1631	0.2756	0.2057	0.6159
drug-04	0.3936	0.1733	0.2872	0.1883	0.7738
drug-05	0.5266	0.1353	0.1442	0.0594	0.7450
drug-06	0.3564	0.1839	0.2700	0.2153	0.6579
drug-07	0.3032	0.2323	0.1549	-0.0020	0.8746
drug-08	0.3777	0.1778	0.2152	0.1556	0.7824
drug-09	0.6755	0.1082	0.2863	0.1785	0.7069
drug-10	0.4681	0.1520	0.2449	0.2062	0.8045
drug-11	0.6436	0.1018	0.2730	0.1589	0.6958
drug-12	0.6170	0.1277	0.2997	0.1855	0.7420
drug-13	0.5106	0.1398	0.1812	0.2229	0.8162
drug-14	0.5213	0.1368	0.3524	0.3223	0.6372
drug-15	0.5532	0.1277	0.2203	0.1815	0.8406
drug-16	0.5160	0.1613	0.3209	0.3130	0.5998
drug-17	0.2766	0.2067	0.2455	0.1273	0.7908
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.5372	0.1322	0.1973	0.1764	0.6704
drybean	0.9104	0.0256	0.9233	0.8917	0.1389
ecoli	0.8824	0.0392	0.7465	0.8359	0.1288
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU	0.6364	0.3636	0.5970	0.1200	0.4845
ecoliOM	0.9697	0.0303	0.9024	0.7843	0.4644
ecommerce	0.2600	0.3700	0.2627	0.0143	0.8367
eeg-eye	0.8872	0.1128	0.8859	0.7709	0.4636
eeg10%	0.3993	0.0751	0.4285	0.3464	0.6316
eucalyptus	0.5616	0.1753	0.5430	0.4450	0.4015
euthyroid	0.8006	0.1994	0.7450	0.3904	0.5294
fakenews	0.5175	0.4825	0.5175	0.0350	0.9897
farm-ads	0.8986	0.1014	0.8990	0.7950	0.4179
fbis-wc	0.8211	0.0210	0.7766	0.7989	0.1494
fertility	0.6000	0.4000	0.3750	-0.1765	0.5613
finance	0.6078	0.3922	0.6074	0.2142	0.9179
financial-risk	0.8010	0.0663	0.6276	0.6858	0.2489
fishcatch	0.9375	0.0208	0.9554	0.9220	0.0612
flags	0.6000	0.1143	0.5010	0.5166	0.2396
forest	0.9231	0.0385	0.9061	0.8949	0.1234
gastrointestinal	0.6875	0.2083	0.7174	0.5000	0.3613
gender	0.5411	0.3060	0.4714	0.1860	0.7307
gene	0.9338	0.0442	0.9248	0.8944	0.1963
german	0.7100	0.2900	0.6753	0.3498	0.8266
gestures	0.9418	0.0291	0.9418	0.9224	0.1337
gina	0.9395	0.0605	0.9395	0.8789	0.3055
glass	0.8095	0.0635	0.8594	0.7462	0.2081
glass-g2	0.8750	0.1250	0.8667	0.7333	0.5148
glassBWFP	0.8571	0.1429	0.8538	0.7042	0.5490
glassBWNFP	0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers	0.9545	0.0455	0.8986	0.7755	0.4644
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4000	0.3000	0.4611	0.2012	0.5607
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.6316	0.2623	0.8380
har	0.9893	0.0043	0.9883	0.9865	0.0274
har701%	0.8920	0.0308	0.5749	0.8456	0.1959
harth1%	0.8531	0.0245	0.6113	0.8026	0.3315
hayes-roth	0.6250	0.2500	0.6905	0.4074	0.3966
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7300	0.1350	0.2486	0.0456	0.5254
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8065	0.1935	0.8096	0.6141	0.6376
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9860	0.0140	0.9837	0.9672	0.0862
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.8000	0.2000	0.8077	0.5455	0.5283
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.5714	0.4286	0.3636	-0.2353	0.9755
hERG-9inputs	0.8462	0.1538	0.8471	0.6486	0.5000
higgs0.1%	0.6873	0.3127	0.6852	0.3694	0.8366
higher	0.2857	0.1786	0.1716	0.1716	0.2676
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8988	0.1012	0.8379	0.6705	0.5602
hiva	0.9433	0.0567	0.5571	0.1137	0.6245
horse	0.5833	0.2778	0.5245	0.3014	0.7056
hotel-reservartions	0.8677	0.1323	0.8554	0.7083	0.5447
hr	0.8211	0.1789	0.5391	0.0724	0.7745
ht-sensor10%	0.9991	0.0006	0.9992	0.9987	0.0046
htru2	0.9709	0.0290	0.9164	0.8319	0.3690
hypothyroid	0.8223	0.0889	0.5492	0.4214	0.3882
hypothyroidT	0.8912	0.1088	0.7760	0.4967	0.5724
ilpd	0.6102	0.3898	0.6102	0.2032	0.8268
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.9647	0.0177	0.9655	0.9529	0.0689
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.7484	0.2516	0.6660	0.3196	0.7524
jvowels	0.9699	0.0067	0.9673	0.9659	0.0523
kc1	0.7773	0.2227	0.6907	0.3549	0.6925
kc1-class-level-defectiveornot	0.7333	0.2667	0.7887	0.5000	0.5000
kc1-class-level-numericdefect	0.5385	0.1846	0.1647	0.1522	0.4240
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8077	0.1923	0.7513	0.4912	0.6905
kdc-4007	0.7955	0.0584	0.7978	0.7613	0.3043
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kepler	0.8923	0.0718	0.8545	0.8229	0.2077
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.6560	0.0382	0.6389	0.6198	0.5382
krvskp	0.9718	0.0282	0.9722	0.9436	0.1614
la1s-wc	0.8762	0.0413	0.8644	0.8452	0.2214
la2s-wc	0.9007	0.0331	0.8812	0.8750	0.1718
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.7059	0.0256	0.6350	0.6892	0.0806

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.7500	0.0556	0.7773	0.7159	0.1369
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9490	0.0039	0.9492	0.9469	0.0581
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8611	0.0185	0.8638	0.8507	0.0519
liver	0.7059	0.2941	0.6994	0.3863	0.7816
loan	0.9625	0.0375	0.9615	0.9214	0.2227
localization10%	0.5607	0.0799	0.4311	0.4805	0.7136
lrs	0.8302	0.0485	0.6927	0.7698	0.1898
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	1.0000	0.0000	1.0000	1.0000	0.0000
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7143	0.1905	0.5285	0.5000	0.4206
lymphoma2	0.7778	0.0741	0.6061	0.7000	0.0836
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.6500	0.3500	0.6500	0.3000	0.8801
magic04	0.8585	0.1415	0.8451	0.6901	0.5626
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8542	0.1458	0.8556	0.7087	0.5431
marketing	0.8527	0.1473	0.7394	0.4731	0.6737
maternal	0.6931	0.2046	0.6924	0.5328	0.5283
math	0.7500	0.1250	0.6893	0.6244	0.3927
mba	0.6984	0.2011	0.4480	0.2849	0.5428
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2333	0.3067	0.2307	0.0411	0.8582
messidor	0.6435	0.3565	0.6442	0.2861	0.8783
meter-A	0.5000	0.5000	0.6522	0.1579	0.5288
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac	0.9600	0.0080	0.9607	0.9556	0.0473
mfeat-fou	0.7900	0.0420	0.7922	0.7667	0.1601
mfeat-kar	0.9650	0.0070	0.9659	0.9611	0.0439
mfeat-mor	0.7050	0.0590	0.7024	0.6722	0.1935
mfeat-pix	0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-zer	0.7750	0.0450	0.7727	0.7500	0.1378
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.4412	0.2235	0.4289	0.3001	0.6016
mobile	0.9580	0.0015	0.9612	0.9573	0.0194
monks-1	0.8364	0.1636	0.8553	0.6707	0.3950
monks-2	0.8525	0.1475	0.8439	0.6839	0.5700
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4433	0.1012	0.4876	0.3644	0.5933
musk	0.9515	0.0485	0.9046	0.8083	0.3501
MUT_ci300400a_cdk_ECFP2	0.7914	0.2086	0.7919	0.5796	0.6726
MUT_ci300400a_cdk_ECFP4	0.8096	0.1904	0.8092	0.6151	0.6419
MUT_ci300400a_cdk_ECFP6	0.8036	0.1964	0.7999	0.5992	0.6620
MUT_ci300400a_cdk_ESTATE	0.7446	0.2554	0.7476	0.4888	0.7418
MUT_ci300400a_cdk_FCFP2	0.7413	0.2587	0.7414	0.4790	0.7549

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_MACCS	0.8153	0.1847	0.8112	0.6221	0.6404
MUT_ci300400a_cdk_PUBCHEM	0.8371	0.1629	0.8357	0.6693	0.5902
MUT_ci300400a_rdkit_descriptors	0.8170	0.1830	0.8157	0.6298	0.6316
myocardial	0.8882	0.0279	0.4583	0.5034	0.1779
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.6667	0.1111	0.5714	0.6000	0.1060
ncRNA1%	0.8126	0.0197	0.4184	0.5939	1.0000
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	0.9648	0.0352	0.9428	0.8789	0.3322
NPHA-doctor-visits	0.3472	0.4352	0.3106	-0.0368	0.8256
nursery	0.9614	0.0193	0.9217	0.9438	0.1309
obesity	0.8436	0.0447	0.8436	0.8175	0.1879
obs	0.9352	0.0324	0.9443	0.9057	0.1493
occupancy	0.9898	0.0102	0.9860	0.9717	0.1196
Occupancy_Estimation	0.9872	0.0064	0.9632	0.9613	0.0732
oh0-wc	0.9109	0.0178	0.9149	0.8987	0.0951
oh10-wc	0.8190	0.0362	0.7871	0.7947	0.1506
oh15-wc	0.8913	0.0217	0.8873	0.8765	0.1134
oh5-wc	0.9011	0.0198	0.9075	0.8883	0.0983
olive	0.9298	0.0156	0.9174	0.9123	0.0441
optdigits	0.9609	0.0078	0.9633	0.9565	0.0558
optdigitsZ	0.9964	0.0036	0.9890	0.9780	0.0762
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.7544	0.5079	0.5637
ozone8hr	0.8814	0.1186	0.5517	0.1030	0.6959
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8660	0.1340	0.8548	0.7079	0.5462
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8996	0.7943	0.4192
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9360	0.0256	0.7496	0.7168	0.5549
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.8436	0.1564	0.8363	0.6718	0.5878
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle10%	0.9077	0.0923	0.8905	0.7788	0.4600
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.8739	0.1261	0.6948	0.3547	0.6075
pcmac	0.4639	0.5361	0.4188	-0.1546	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7895	0.5789	0.6440
pediatric-leukemia	0.7941	0.0588	0.7428	0.7463	0.1563
pendigits	0.9854	0.0029	0.9856	0.9838	0.0233
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8309	0.1691	0.8224	0.6441	0.6158
pet-adoption	0.8750	0.1250	0.8581	0.7162	0.5271
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
phone-acc0.1%	0.8063	0.0553	0.7934	0.7732	0.1871
phone-gyr0.1%	0.8327	0.0478	0.8244	0.8041	0.1880
phoneme	0.8352	0.1648	0.8334	0.6416	0.5656
pima	0.7368	0.2632	0.7218	0.4428	0.7793
pirvision	0.9804	0.0131	0.9660	0.9406	0.1806
placement	0.7860	0.2140	0.7824	0.5642	0.6933
plant-growth	0.7895	0.2105	0.7933	0.5730	0.6420
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker1%	0.4283	0.1633	0.1848	0.0418	0.9393
polish-1st	0.9431	0.0569	0.5113	0.0208	0.6372

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-2nd	0.9430	0.0570	0.5352	0.0662	0.6352
polish-3rd	0.9352	0.0648	0.5628	0.1185	0.6413
polish-4th	0.9296	0.0704	0.6528	0.3057	0.6341
polish-5th	0.9019	0.0981	0.6958	0.3799	0.6329
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6777	0.3529	0.8439
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.5152	0.0746	0.4928	0.4634	0.2223
profb	0.5821	0.4179	0.5371	0.0740	0.9348
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio10%	0.9740	0.0104	0.9514	0.9652	0.0695
pulsar	0.9729	0.0271	0.9243	0.8468	0.3622
raisin	0.9111	0.0889	0.9115	0.8222	0.3945
rcv11%	0.7407	0.0126	0.5369	0.7174	0.3486
re0-wc	0.7600	0.0369	0.8168	0.7079	0.2969
re1-wc	0.7892	0.0169	0.7116	0.7669	0.2461
rejafada	0.9648	0.0352	0.8504	0.6503	0.5283
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.7663	0.0097	0.5681	0.7057	0.8437
rice	0.9852	0.0148	0.9850	0.9700	0.1013
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6473	0.3527	0.6723	0.3199	0.8029
satimage	0.8958	0.0347	0.8842	0.8717	0.1742
satimageF	0.9876	0.0124	0.9690	0.9374	0.2071
satimageT	0.9191	0.0809	0.8175	0.6221	0.5741
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.6667	0.3333	0.5950	0.1818	0.8134
schizo	0.5000	0.5000	0.5000	0.0000	0.9994
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9524	0.0136	0.9580	0.9443	0.0559
segmentation	0.8317	0.1683	0.8320	0.6525	0.5862
segmentO	0.9957	0.0043	0.9916	0.9830	0.0885
seismic	0.8101	0.1899	0.6525	0.2330	0.5219
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.7658	0.2342	0.5803	0.1545	0.7338
sens-2-gram	0.8447	0.1553	0.6516	0.3029	0.7240
sens-3-gram	0.8500	0.1500	0.6576	0.3146	0.7178
sens-4-gram	0.8026	0.1974	0.5790	0.1578	0.7601
sens-5-gram	0.8184	0.1816	0.5924	0.1847	0.7574
sens-6-gram	0.8316	0.1684	0.5984	0.1947	0.7518
sens-7-gram	0.8316	0.1684	0.5913	0.1795	0.7541
sepsis	0.5477	0.4523	0.5894	0.0926	0.4262
shoppers	0.8710	0.1290	0.8004	0.5834	0.6113
shuttle	0.9712	0.0082	0.6515	0.9236	0.2954
sick	0.7798	0.2202	0.6772	0.2455	0.4720
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9910	0.0090	0.9867	0.9731	0.1177
smarket	0.9840	0.0160	0.9840	0.9680	0.1115
smart-farming	0.2200	0.3900	0.1667	-0.0328	0.7754
smk_can_187	0.6842	0.3158	0.6833	0.3667	0.8414
soil_pollution	0.2400	0.3040	0.2352	0.0491	0.8519
solar-flare	0.7194	0.0935	0.6670	0.6506	0.2501
sonar	0.7000	0.3000	0.7000	0.4000	0.8211
soybean	0.9706	0.0031	0.9809	0.9678	0.0165

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spam-detection	0.9395	0.0605	0.8579	0.6989	0.5254
spambase	0.9261	0.0739	0.9224	0.8443	0.3511
spect	0.5600	0.4400	0.4347	-0.1224	0.8279
spectf	0.8000	0.2000	0.7807	0.5505	0.6724
spectrometer	0.5962	0.0299	0.5379	0.5716	0.1280
splice-EI	0.9590	0.0410	0.9471	0.8935	0.2875
splice-IE	0.9180	0.0820	0.8900	0.7790	0.4537
sport-articles	0.8100	0.1900	0.8034	0.6035	0.6508
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8913	0.0725	0.8651	0.8239	0.2491
steel-b	0.8051	0.1949	0.7553	0.4946	0.6817
steel-d	0.9538	0.0462	0.6943	0.3770	0.5845
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.8000	0.2000	0.7899	0.5756	0.6719
steel-p	0.9128	0.0872	0.7938	0.5592	0.5863
steel-s	0.9641	0.0359	0.8117	0.6132	0.5475
steel-z	0.9487	0.0513	0.8853	0.7545	0.4850
stock	0.9167	0.0833	0.8687	0.7343	0.5020
stockb	0.9868	0.0088	0.9870	0.9802	0.0366
streaming	0.9360	0.0640	0.9359	0.8711	0.3180
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5550	0.1780	0.4146	0.3602	0.5055
student-habits	0.3000	0.2800	0.1968	0.0271	0.8369
student-weekend	0.2462	0.3015	0.1939	0.0200	0.7917
student-workday	0.6250	0.1500	0.1844	0.1263	0.3865
studentap	0.5385	0.3077	0.5919	0.3158	0.5606
susy1%	0.7998	0.2002	0.7980	0.5939	0.6598
tae	0.5333	0.3111	0.5461	0.3000	0.5760
telco-churn	0.8835	0.1165	0.8572	0.7122	0.5351
texture	0.9836	0.0030	0.9845	0.9820	0.0241
theorem	0.9984	0.0016	0.9983	0.9966	0.0176
thoracic	0.7234	0.2766	0.4848	-0.0304	0.7956
thrombin	0.9718	0.0282	0.6752	0.3206	0.5013
Thyroid_Diff	0.9737	0.0263	0.9681	0.9343	0.1051
tic-tac-toe	0.9053	0.0947	0.8973	0.7927	0.4424
tis10%	0.8134	0.1866	0.7462	0.4923	0.7039
titanic	0.7273	0.2727	0.6952	0.3896	0.8004
tourist	0.6250	0.1500	0.3200	0.4545	0.1458
tox_171	0.7647	0.1176	0.8058	0.6895	0.1769
toxicity	0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f	0.6471	0.3529	0.6136	0.2273	0.8920
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.5733	0.4267	0.5420	0.0762	0.8280
trec11-wc	0.8537	0.0325	0.7576	0.8226	0.1480
trec12-wc	0.9677	0.0081	0.9719	0.9614	0.0272
trec21-wc	0.8485	0.0606	0.4951	0.6827	0.2753
trec23-wc	0.9048	0.0317	0.9481	0.8675	0.1130
trec31-wc	0.8602	0.0466	0.8307	0.8170	0.2587
trec41-wc	0.8636	0.0273	0.6922	0.8324	0.1377
trec45-wc	0.8406	0.0319	0.7537	0.8143	0.1377
tuandromd	0.9749	0.0251	0.9624	0.9229	0.2460
turkish	0.8000	0.1000	0.8026	0.7333	0.2360
tvnews1%	0.9308	0.0692	0.9253	0.8494	0.3322
tvnews10%	0.9005	0.0995	0.8928	0.7855	0.4447
ur3_cobotops_grip	0.9116	0.0884	0.6641	0.2655	0.4998
ur3_cobotops_stop	0.9429	0.0571	0.7607	0.4738	0.5579

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
urban	0.8657	0.0299	0.8791	0.8434	0.1377
urinalysis	0.9021	0.0979	0.7024	0.3696	0.5897
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7619	0.1190	0.7041	0.6760	0.2562
vehicleVAN	0.9643	0.0357	0.9565	0.9091	0.2605
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.7374	0.0478	0.7667	0.7111	0.1258
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
wap-wc	0.8333	0.0167	0.6966	0.8152	0.1430
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9096	0.0258	0.9087	0.8943	0.1276
watch-gyr1%	0.9083	0.0262	0.9070	0.8929	0.1279
water_pollution	0.2567	0.3717	0.2588	0.0096	0.8532
waveform	0.8480	0.1013	0.8504	0.7721	0.3380
weather-related	0.9712	0.0052	0.9743	0.9674	0.0490
web-phishing	0.8667	0.0889	0.8431	0.7734	0.3892
Weekly	0.9815	0.0185	0.9817	0.9627	0.1146
white-clover	0.3333	0.6667	0.3750	-0.2000	0.9308
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9731	0.0269	0.8914	0.7659	0.4782
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5346	0.1551	0.2798	0.3087	0.6401
winequality-white	0.5624	0.1459	0.4305	0.3858	0.6456
wisc_bc	0.9649	0.0351	0.9643	0.9261	0.2027
yale	0.8125	0.0250	0.7467	0.7983	0.0412
yeast	0.6014	0.0886	0.4503	0.4892	0.4319
yeastCYT-POX	0.9592	0.0408	0.8492	0.6475	0.5283
yeastEXC	0.9257	0.0743	0.7638	0.3952	0.4565
yeastME1	0.9459	0.0541	0.7910	0.4789	0.5000
yeastME2	0.9189	0.0811	0.6939	0.3607	0.5893

Table 515: Detailed results for LF Noise 10%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1487	0.0740	0.1134	0.0667	0.6068
abalone19	0.9880	0.0120	0.4970	-0.0058	0.5581
abalone9-18	0.9315	0.0685	0.7061	0.4084	0.6173
accelerometer	0.9844	0.0156	0.7071	0.3362	0.3391
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9116	0.0884	0.8363	0.6667	0.5558
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8968	0.1032	0.5570	0.0910	0.6571
AID_1431_KlekotaRothFingerprinter	0.5238	0.4762	0.5481	0.0476	0.4273
AID_1431_MACCSFingerprinter	0.8730	0.1270	0.4661	-0.0577	0.7306
AID_1878	0.7333	0.2667	0.5310	0.0619	0.8355
AID_602330	0.9323	0.0677	0.4825	-0.0331	0.6496
AID_652128	0.8586	0.0943	0.3080	-0.0267	0.5504
AID1284Morered	0.5278	0.4722	0.4808	-0.0268	0.6304
AID1284red	0.7500	0.2500	0.4286	-0.1408	0.8101
AID1608Morered	0.7282	0.2718	0.5154	0.0210	0.4896
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9673	0.0327	0.4917	-0.0163	0.5122
AID439Morered	0.5714	0.4286	0.3636	-0.2353	0.7045
AID439red	0.2857	0.7143	0.2222	-0.2963	0.6098
AID644Morered	0.5500	0.4500	0.4369	-0.1250	0.9680
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID721morered	0.4444	0.5556	0.3077	-0.3636	0.8576
AID721red	0.5556	0.4444	0.6897	0.2500	0.5000
aids	0.8920	0.1080	0.8466	0.6848	0.4742
air_pollution	0.3900	0.1743	0.1205	-0.0054	0.5248
alcohol	0.8476	0.0610	0.5677	0.6563	0.3021
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9209	0.0791	0.9129	0.8254	0.3785
anneal	0.9663	0.0135	0.9192	0.9298	0.2052
antivirus	0.9459	0.0541	0.9095	0.8021	0.1598
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9889	0.0056	0.9527	0.9788	0.0300
anuran-genus	0.9764	0.0059	0.9312	0.9609	0.1040
anuran-species	0.9861	0.0028	0.9798	0.9807	0.0402
anxiety	0.0750	0.2056	0.0712	-0.0411	0.8201
apple-quality	0.8425	0.1575	0.8425	0.6850	0.5772
arabidopsis0.1%	0.5588	0.4412	0.5529	0.0088	0.0633
arcene	0.8000	0.2000	0.7917	0.5833	0.6737
arrhythmia	0.6222	0.0756	0.3347	0.4278	0.3863
auction	0.9804	0.0196	0.9549	0.9088	0.1707
audiology	0.8182	0.0331	0.6729	0.7827	0.0869
audit-risk	0.9872	0.0128	0.9867	0.9731	0.0692
autism-adolescent	0.6364	0.3636	0.6071	0.2143	0.9011
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	0.8966	0.1034	0.9058	0.7943	0.3261
autos	0.8500	0.0600	0.8265	0.8033	0.1375
avila	0.9938	0.0010	0.9865	0.9919	0.0164
babies	0.3306	0.1912	0.1429	-0.0006	0.7022
balance	0.8387	0.1075	0.5998	0.7100	0.4051
banknote	0.9927	0.0073	0.9927	0.9852	0.0474
bankruptcy	0.9600	0.0400	0.9606	0.9180	0.2092
barleyblumeria	0.9009	0.0991	0.8916	0.7803	0.4209
basehock	0.7337	0.2663	0.7337	0.4673	0.7746
bio10%	0.9959	0.0041	0.8836	0.7672	0.3698

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8286	0.1714	0.8183	0.6365	0.6213
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1816	0.0458	0.1053
body-perf	0.7269	0.1366	0.7286	0.6358	0.4138
brain-tumor	0.4815	0.5185	0.4815	-0.0369	1.0000
breast-cancer	0.6786	0.3214	0.6210	0.2410	0.8562
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.5455	0.4545	0.5222	0.0351	0.9096
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.6000	0.1333	0.5769	0.4872	0.1505
cad	0.9333	0.0667	0.9302	0.8507	0.3322
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4640	0.3573	0.3162	0.0014	0.6457
car	0.9598	0.0201	0.8695	0.9137	0.2194
car-insurance	0.8260	0.1740	0.7954	0.5904	0.6468
card	0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography	0.8779	0.0244	0.8629	0.8536	0.1540
cardiotocography-nsp	0.9155	0.0563	0.8296	0.7645	0.3153
cardiovascular	0.7012	0.2988	0.7012	0.4023	0.8196
cargo2k	0.9873	0.0085	0.9874	0.9810	0.0464
cars	0.7750	0.1500	0.6852	0.6000	0.4469
cas_N6512_cdk_ECFP2	0.7343	0.2657	0.7321	0.4641	0.7750
cas_N6512_rdkit_ATOMPAIR	0.7492	0.2508	0.7478	0.4956	0.7524
cas_N6512_RDkit_AtomPair_FP	0.7101	0.2899	0.7076	0.4147	0.8084
cas_N6512_rdkit_AVALON	0.7803	0.2197	0.7793	0.5585	0.7011
cas_N6512_RDkit_Avalon_FP	0.7623	0.2377	0.7612	0.5223	0.7314
cas_N6512_rdkit_descriptors	0.7662	0.2338	0.7658	0.5311	0.7236
cas_N6512_rdkit_FEATMORGAN	0.7250	0.2750	0.7230	0.4460	0.7884
cas_N6512_RDkit_Featmorgan_FP	0.7638	0.2362	0.7623	0.5246	0.7292
cas_N6512_RDkit_FP	0.7439	0.2561	0.7427	0.4853	0.7603
cas_N6512_rdkit_LAYERED	0.7585	0.2415	0.7573	0.5146	0.7375
cas_N6512_RDkit_Layered_FP	0.7423	0.2577	0.7403	0.4804	0.7628
cas_N6512_rdkit_MACCS	0.7815	0.2185	0.7796	0.5583	0.6970
cas_N6512_RDkit_MACCS_FP	0.7735	0.2265	0.7731	0.5457	0.7112
cas_N6512_rdkit_MORGAN	0.7462	0.2538	0.7440	0.4877	0.7566
cas_N6512_RDkit_morgan_FP	0.7623	0.2377	0.7604	0.5205	0.7312
cas_N6512_rdkit_PATTERN	0.7569	0.2431	0.7576	0.5137	0.7356
cas_N6512_RDkit_pattern_FP	0.7531	0.2469	0.7519	0.5038	0.7461
cas_N6512_rdkit_RDKITFP	0.7481	0.2519	0.7466	0.4933	0.7542
cas_N6512_rdkit_TORSION	0.7266	0.2734	0.7239	0.4474	0.7857
ccds1%	0.6593	0.3407	0.4672	-0.0241	0.2818
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6166	0.3834	0.5884	0.1764	0.9111
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9449	0.0551	0.7010	0.3999	0.6056
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9173	0.0827	0.5665	0.1330	0.6414
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9070	0.0930	0.6417	0.2833	0.6614
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9302	0.0698	0.7540	0.4669	0.5720
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.9368	0.0316	0.9237	0.9058	0.1526
chrom191%	1.0000	0.0000	1.0000	1.0000	0.0000
chrom1910%	0.9984	0.0016	0.7599	0.4807	0.5263
chronic-kidney	0.9337	0.0663	0.7225	0.2510	0.1683
churn	0.8470	0.1530	0.7388	0.4611	0.6341
churn-bigml	0.9251	0.0749	0.8360	0.6558	0.4116
ci900367j_MACCS	0.6842	0.3158	0.6723	0.3433	0.8405
circles	0.9680	0.0006	0.9693	0.9677	0.0166

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cirrhosis	0.8571	0.0952	0.8187	0.7090	0.1894
cjs	0.9679	0.0107	0.9684	0.9608	0.0672
ckd	0.8500	0.1500	0.8424	0.6809	0.5733
clave	0.8056	0.0972	0.6472	0.6920	0.3760
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.8600	0.1400	0.4624	-0.0606	0.7431
cmc	0.5238	0.3175	0.5038	0.2627	0.7313
cnae-9	0.6944	0.0679	0.7402	0.6562	0.2598
codon_usage	0.9217	0.0142	0.7585	0.9045	0.1197
coil20	0.7014	0.0299	0.6992	0.6856	0.1917
college	0.9351	0.0649	0.9236	0.8433	0.3725
collins	0.5800	0.0560	0.4891	0.5325	0.2264
colon-tumor	0.3333	0.6667	0.3750	-0.2000	0.9308
colposcopies-1	0.6552	0.3448	0.6184	0.2368	0.8850
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.5862	0.4138	0.5196	0.0387	0.9049
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.8621	0.1379	0.8755	0.7212	0.3632
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.8710	0.0860	0.8339	0.7902	0.2274
cottonmeloidogyne	0.7861	0.2139	0.7861	0.5721	0.6899
covtypeCD	0.9886	0.0114	0.9756	0.9512	0.1298
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9972	0.0028	0.7753	0.4988	0.5240
crowdsourced	0.9502	0.0166	0.8895	0.8966	0.1137
cryotherapy	0.6667	0.3333	0.6582	0.3077	0.8482
cultivars	0.5000	0.0312	0.4286	0.4839	0.1033
customer-churn	0.9412	0.0588	0.6089	0.1811	0.4771
cybersecurity	0.1833	0.2722	0.1835	0.0192	0.8729
cyclopentane	0.7037	0.2963	0.6973	0.3898	0.8104
cylinder-bands	0.5000	0.5000	0.4799	-0.0399	1.0000
darwin	0.6111	0.3889	0.6349	0.2222	0.7904
datatrieve	0.7692	0.2308	0.4348	-0.1143	0.5867
dbworld	0.1429	0.8571	0.1250	-0.6154	1.0000
default	0.8150	0.1850	0.6987	0.3784	0.6945
defect	0.9568	0.0432	0.9164	0.8261	0.2379
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8252	0.1748	0.5711	0.0850	0.6422
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.7500	0.1667	0.7132	0.5789	0.3187
dexter	0.6000	0.4000	0.6009	0.2000	0.9235
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.7333	0.2667	0.6602	0.3191	0.8052
diabetes	0.9615	0.0385	0.9594	0.9187	0.2268
diabetes-risk	0.9079	0.0921	0.8566	0.7124	0.4901
diabetic1%	0.4216	0.3856	0.2854	-0.0517	0.8275
diagnosis	0.9167	0.0833	0.9184	0.8235	0.2605
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7849	0.0860	0.7763	0.6964	0.3495
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-nih	0.6250	0.3750	0.6343	0.2603	0.8728
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9391	0.0609	0.8002	0.5082	0.1609

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dota210%	0.5524	0.4476	0.5499	0.0996	0.9671
dropout	0.7833	0.1445	0.7163	0.6338	0.4400
drug-01	0.3564	0.1839	0.2281	0.0336	0.6539
drug-02	0.5213	0.1368	0.2537	0.1992	0.6265
drug-03	0.6809	0.1064	0.2041	0.1000	0.4177
drug-04	0.5160	0.1383	0.1783	0.1361	0.6240
drug-05	0.7234	0.0790	0.1203	0.0019	0.3879
drug-06	0.4149	0.1672	0.2968	0.2664	0.5772
drug-07	0.3883	0.2039	0.1576	-0.0062	0.4911
drug-08	0.5532	0.1277	0.2270	0.1810	0.5602
drug-09	0.8564	0.0479	0.1997	0.0453	0.4268
drug-10	0.5319	0.1337	0.1552	0.1330	0.5147
drug-11	0.8511	0.0426	0.1766	0.0549	0.2135
drug-12	0.7872	0.0709	0.1468	-0.0071	0.2395
drug-13	0.5904	0.1170	0.1651	0.2124	0.4758
drug-14	0.5851	0.1185	0.2951	0.2608	0.5487
drug-15	0.7447	0.0729	0.1530	0.0539	0.4856
drug-16	0.5372	0.1543	0.2314	0.2289	0.5424
drug-17	0.3617	0.1824	0.2149	0.1407	0.6817
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7606	0.0684	0.1757	0.0446	0.3227
drybean	0.9229	0.0220	0.9352	0.9067	0.1296
ecoli	0.8529	0.0490	0.7176	0.7947	0.1512
ecoliCP-IM	0.9545	0.0455	0.9519	0.8991	0.1675
ecoliM	0.8788	0.1212	0.8522	0.6959	0.5472
ecoliMU	0.8485	0.1515	0.7024	0.3678	0.6223
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2800	0.3600	0.2788	0.0391	0.8405
eeg-eye	0.9079	0.0921	0.9069	0.8129	0.4030
eeg10%	0.4382	0.0702	0.4105	0.3739	0.5463
eucalyptus	0.6301	0.1479	0.6125	0.5265	0.4248
euthyroid	0.9684	0.0316	0.9082	0.8159	0.3294
fakenews	0.5400	0.4600	0.5398	0.0795	0.9751
farm-ads	0.6763	0.3188	0.6862	0.3669	0.8277
fbis-wc	0.2886	0.0837	0.2923	0.2124	0.6652
fertility	0.9000	0.1000	0.8361	0.6154	0.5283
finance	0.8627	0.1373	0.8624	0.7196	0.5076
financial-risk	0.9095	0.0302	0.6834	0.8551	0.1711
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.5000	0.1429	0.3078	0.3651	0.3651
forest	0.8846	0.0577	0.8652	0.8395	0.1486
gastrointestinal	0.8125	0.1250	0.7980	0.6690	0.2207
gender	0.5937	0.2709	0.4588	0.1398	0.5918
gene	0.9054	0.0631	0.8969	0.8500	0.2644
german	0.7500	0.2500	0.7110	0.3902	0.7087
gestures	0.9409	0.0295	0.9412	0.9212	0.1418
gina	0.8646	0.1354	0.8647	0.7288	0.5235
glass	0.7619	0.0794	0.7135	0.6635	0.2371
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6842	0.3158	0.6910	0.3736	0.8166
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.8000	0.1333	0.8333	0.7059	0.1585

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma-grade	0.8095	0.1905	0.8060	0.6113	0.6505
green	0.5000	0.5000	0.5446	0.0741	0.8345
grub-damage	0.6000	0.2000	0.6762	0.4578	0.3639
gsalc	0.8889	0.0370	0.8046	0.8615	0.0466
haberman	0.6333	0.3667	0.5119	0.0237	0.9159
har	0.9893	0.0043	0.9886	0.9865	0.0318
har701%	0.9208	0.0226	0.5871	0.8823	0.1640
harth1%	0.8745	0.0209	0.6043	0.8284	0.2057
hayes-roth	0.6875	0.2083	0.7612	0.5152	0.3343
hcc-survival	0.5882	0.4118	0.5502	0.0916	0.9258
health-activity	0.7900	0.1050	0.3484	0.1344	0.1845
heart	0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack	0.8387	0.1613	0.8466	0.6804	0.5410
heart-c	0.8000	0.2000	0.8072	0.5909	0.5866
heart-failure	0.9860	0.0140	0.9837	0.9672	0.0862
heart-quantum	0.9200	0.0800	0.9249	0.8387	0.3145
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hERG-121inputs	0.7143	0.2857	0.7742	0.4615	0.5283
hERG-64inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-9inputs	0.9231	0.0769	0.9110	0.8060	0.4011
higgs0.1%	0.6936	0.3064	0.6926	0.3851	0.8298
higher	0.2143	0.1964	0.1389	0.0941	0.3210
hinselmann	0.4000	0.6000	0.4477	-0.0714	0.7225
hitters	0.7812	0.2188	0.7992	0.5692	0.6037
hiv1-proteasa	0.8954	0.1046	0.7990	0.5879	0.5334
hiva	0.8298	0.1702	0.5549	0.0679	0.3869
horse	0.6389	0.2407	0.6078	0.3818	0.6101
hotel-reservartions	0.8994	0.1006	0.8850	0.7698	0.4573
hr	0.8456	0.1544	0.4582	-0.0321	0.6348
ht-sensor10%	0.9553	0.0298	0.9552	0.9327	0.1458
htru2	0.9760	0.0240	0.9251	0.8486	0.2536
hypothyroid	0.9947	0.0027	0.7387	0.9684	0.0764
hypothyroidT	0.9920	0.0080	0.9739	0.9465	0.2137
ilpd	0.7288	0.2712	0.6581	0.3149	0.8204
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.9720	0.0140	0.9724	0.9627	0.0649
ionosphere	0.9429	0.0571	0.9346	0.8606	0.1858
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9800	0.9592	0.1023
jm1	0.8035	0.1965	0.6382	0.2621	0.7517
jvowels	0.9829	0.0038	0.9821	0.9807	0.0305
kc1	0.8483	0.1517	0.6625	0.3052	0.6871
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.5385	0.1846	0.4488	0.2778	0.2247
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7692	0.2308	0.6307	0.2589	0.7987
kddcup981%	0.6947	0.3053	0.4099	-0.0954	0.3815
kepler	0.8881	0.0746	0.8492	0.8153	0.2175
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9750	0.0250	0.9737	0.9459	0.1112
krkopt	0.8496	0.0167	0.8252	0.8320	0.2309
krvskp	0.9467	0.0533	0.9469	0.8933	0.2767
la1s-wc	0.5937	0.1354	0.5874	0.4977	0.5557
la2s-wc	0.1722	0.2759	0.1211	-0.0384	0.6999
labor	0.6667	0.3333	0.7500	0.4000	0.5283
leaf	0.7941	0.0179	0.7678	0.7832	0.0469
led24	0.6500	0.0778	0.6782	0.6011	0.1969
lenses	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
letter	0.9405	0.0046	0.9405	0.9381	0.0719
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.7500	0.0333	0.7749	0.7318	0.1166
liver	0.6765	0.3235	0.6780	0.3392	0.7960
loan	0.9883	0.0117	0.9876	0.9749	0.0628
localization10%	0.6772	0.0587	0.4264	0.5865	0.4732
lrs	0.7925	0.0593	0.5857	0.7097	0.1804
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.7652	0.8964	0.0232
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6582	0.3077	0.8482
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.8830	0.1170	0.8800	0.7599	0.4864
madelon	0.6385	0.3615	0.6398	0.2769	0.8850
magic04	0.8795	0.1205	0.8659	0.7293	0.4920
malware	0.8649	0.1351	0.7515	0.4729	0.5670
mammography	0.7500	0.2500	0.7490	0.4980	0.7508
marketing	0.8929	0.1071	0.7556	0.4828	0.5351
maternal	0.7723	0.1518	0.7758	0.6554	0.4509
math	0.8250	0.0875	0.7930	0.7348	0.3213
mba	0.7968	0.1355	0.3828	0.1364	0.5490
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2233	0.3107	0.2250	0.0279	0.8608
messidor	0.6609	0.3391	0.6542	0.3084	0.8710
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	0.7778	0.1481	0.8192	0.6727	0.2867
meter-C	0.8889	0.0556	0.7092	0.8414	0.0898
meter-D	0.8889	0.0556	0.8711	0.8435	0.1146
mfeat-fac	0.9700	0.0060	0.9710	0.9667	0.0352
mfeat-fou	0.8000	0.0400	0.8003	0.7778	0.1771
mfeat-kar	0.9700	0.0060	0.9701	0.9667	0.0382
mfeat-mor	0.6950	0.0610	0.6948	0.6611	0.2292
mfeat-pix	0.9600	0.0080	0.9602	0.9556	0.0507
mfeat-zer	0.8250	0.0350	0.8277	0.8056	0.0948
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.4706	0.2118	0.4583	0.3384	0.4843
mobile	0.8776	0.0044	0.8871	0.8754	0.0566
monks-1	0.9091	0.0909	0.9093	0.8180	0.4020
monks-2	0.9180	0.0820	0.9116	0.8076	0.2404
monks-3	0.9643	0.0357	0.9653	0.9283	0.1636
mouse-viral	0.9500	0.0500	0.9523	0.9000	0.2092
mushroom	0.9914	0.0086	0.9914	0.9828	0.0658
music	0.4894	0.0928	0.5352	0.3907	0.5727
musk	0.9530	0.0470	0.9057	0.8038	0.2665
MUT_ci300400a_cdk_ECFP2	0.7926	0.2074	0.7882	0.5760	0.6830
MUT_ci300400a_cdk_ECFP4	0.7916	0.2084	0.7862	0.5724	0.6860
MUT_ci300400a_cdk_ECFP6	0.7856	0.2144	0.7774	0.5516	0.6884
MUT_ci300400a_cdk_ESTATE	0.7506	0.2494	0.7404	0.4778	0.7497
MUT_ci300400a_cdk_FCFP2	0.7940	0.2060	0.7897	0.5790	0.6803
MUT_ci300400a_cdk_MACCS	0.8106	0.1894	0.8059	0.6117	0.6503
MUT_ci300400a_cdk_PUBCHEM	0.8275	0.1725	0.8225	0.6450	0.6163

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_rdkit_descriptors	0.8133	0.1867	0.8083	0.6163	0.6427
myocardial	0.8882	0.0279	0.3745	0.4571	0.0902
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.9145	0.0090	0.5383	0.7626	0.4850
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4722	0.3519	0.3838	0.0575	0.7531
nursery	0.9931	0.0035	0.9807	0.9898	0.0373
obesity	0.9194	0.0230	0.9200	0.9059	0.1029
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9601	0.0399	0.9469	0.8917	0.2979
Occupancy_Estimation	0.9842	0.0079	0.9616	0.9532	0.1751
oh0-wc	0.7921	0.0416	0.7811	0.7612	0.2104
oh10-wc	0.5619	0.0876	0.5467	0.5041	0.4277
oh15-wc	0.5978	0.0804	0.5749	0.5447	0.3755
oh5-wc	0.6593	0.0681	0.6495	0.6147	0.3321
olive	0.9474	0.0117	0.9385	0.9343	0.0333
optdigits	0.9626	0.0075	0.9649	0.9585	0.0518
optdigitsZ	0.9947	0.0053	0.9834	0.9668	0.0845
orl	0.9250	0.0037	0.9102	0.9231	0.0141
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr	0.9526	0.0474	0.4879	-0.0181	0.6053
ozone8hr	0.9091	0.0909	0.5639	0.1085	0.6531
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6546	0.3454	0.6704	0.3183	0.7968
P-Glycoprotein_c_RDkit_AtomPair_FP	0.6270	0.3730	0.6259	0.2517	0.9037
p53-mutants10%	0.7102	0.2898	0.6352	0.0153	0.0307
page-blocks	0.9726	0.0110	0.7827	0.8484	0.3233
parkinson	0.9833	0.0167	0.9831	0.9657	0.1129
parkinsons	0.8815	0.1185	0.8730	0.7440	0.4826
parkinsons-small	0.8421	0.1579	0.8508	0.6587	0.4882
particle10%	0.9300	0.0700	0.9134	0.8268	0.3805
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.8919	0.1081	0.5441	0.0864	0.6952
pcmac	0.4742	0.5258	0.4790	-0.0409	0.9897
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.5921	0.4079	0.6071	0.1842	0.7732
pediatric-leukemia	0.7647	0.0672	0.7041	0.7113	0.2080
pendigits	0.9927	0.0015	0.9927	0.9919	0.0138
period	0.4444	0.5556	0.4208	-0.1538	0.9711
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.8163	0.1837	0.8040	0.6080	0.6474
pet-adoption	0.9250	0.0750	0.9149	0.8297	0.3766
phishing	0.8939	0.1061	0.8891	0.7782	0.4612
phone-acc0.1%	0.8798	0.0343	0.8717	0.8594	0.1304
phone-gyr0.1%	0.9024	0.0279	0.8951	0.8858	0.1321
phoneme	0.9037	0.0963	0.8814	0.7629	0.4667
pima	0.7237	0.2763	0.7027	0.3824	0.7533
pirvision	0.9053	0.0631	0.8255	0.7391	0.4413
placement	0.7640	0.2360	0.7554	0.5088	0.7295
plant-growth	0.7895	0.2105	0.8155	0.5682	0.4308
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker1%	0.5854	0.1185	0.2300	0.2167	0.3908
polish-1st	0.9673	0.0327	0.7509	0.4941	0.5066
polish-2nd	0.9577	0.0423	0.6217	0.2010	0.5281
polish-3rd	0.9438	0.0562	0.5334	0.0447	0.5670

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-4th	0.9602	0.0398	0.7646	0.4995	0.4276
polish-5th	0.9492	0.0508	0.7822	0.5569	0.5000
post-operative	0.5556	0.4444	0.3571	-0.2000	0.9762
pred-tox_mutagen_ref-desc	0.7647	0.2353	0.7647	0.5294	0.7265
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4242	0.0886	0.4168	0.3596	0.3045
profb	0.7015	0.2985	0.6616	0.3232	0.8380
promoters	0.6000	0.4000	0.7059	0.2857	0.5283
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9879	0.0048	0.9782	0.9838	0.0373
pulsar	0.9840	0.0160	0.9512	0.9012	0.1709
raisin	0.8667	0.1333	0.8670	0.7333	0.5178
re0-wc	0.3200	0.1046	0.1763	0.1650	0.5464
re1-wc	0.1506	0.0680	0.0650	0.0018	0.3909
rejafada	0.9598	0.0402	0.4897	-0.0089	0.4791
relathe	0.8028	0.1972	0.8039	0.6056	0.6537
rice	0.9846	0.0154	0.9845	0.9689	0.1010
rnaseq	0.9875	0.0050	0.9896	0.9834	0.0178
rocket	0.7083	0.2917	0.6978	0.3957	0.8163
satimage	0.9051	0.0316	0.8921	0.8827	0.1498
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9362	0.0638	0.7980	0.5550	0.3705
scadi	0.8571	0.0571	0.7467	0.8056	0.0503
schiller	0.8889	0.1111	0.8784	0.7273	0.4644
schizo	0.5000	0.5000	0.5000	0.0000	0.9994
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8333	0.1667	0.5293	0.0523	0.5880
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9567	0.0124	0.9610	0.9494	0.0570
segmentation	0.8416	0.1584	0.8312	0.6610	0.5971
segmentO	0.9827	0.0173	0.9666	0.9327	0.2167
seismic	0.9302	0.0698	0.5751	0.0819	0.4920
semeion	0.9748	0.0252	0.9410	0.8749	0.3522
sens-1-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sens-2-gram	0.8474	0.1526	0.5720	0.1240	0.7215
sens-3-gram	0.7474	0.2526	0.5560	0.1068	0.7334
sens-4-gram	0.4842	0.5158	0.4871	-0.0158	0.5804
sens-5-gram	0.4842	0.5158	0.4871	-0.0158	0.5804
sens-6-gram	0.5237	0.4763	0.5038	0.0049	0.5942
sepsis	0.9089	0.0911	0.5262	0.0019	0.2573
shoppers	0.8938	0.1062	0.7819	0.5593	0.5789
shuttle	0.9805	0.0056	0.7048	0.9469	0.5398
sick	0.9841	0.0159	0.9357	0.8715	0.2771
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9767	0.0233	0.9656	0.9307	0.2175
smarket	0.9760	0.0240	0.9761	0.9520	0.1517
smart-farming	0.2000	0.4000	0.2016	-0.0672	0.8477
smk_can_187	0.7895	0.2105	0.7978	0.5824	0.6422
soil_pollution	0.1900	0.3240	0.1902	-0.0141	0.8786
solar-flare	0.7410	0.0863	0.6013	0.6699	0.2539
sonar	0.7000	0.3000	0.7000	0.4000	0.8211
soybean	0.9118	0.0093	0.9169	0.9036	0.0623
spam-detection	0.9255	0.0745	0.7995	0.5947	0.5802
spambase	0.9348	0.0652	0.9316	0.8626	0.3198
spect	0.6800	0.3200	0.4048	-0.1765	0.8962
spectf	0.7714	0.2286	0.7380	0.4717	0.7358
spectrometer	0.5577	0.0328	0.4467	0.5310	0.1592

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
splice-EI	0.9274	0.0726	0.9062	0.8116	0.4114
splice-IE	0.8959	0.1041	0.8540	0.7078	0.5119
sport-articles	0.8600	0.1400	0.8478	0.6893	0.5224
squash-stored	1.0000	0.0000	1.0000	1.0000	0.0000
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	0.9785	0.0215	0.9765	0.9530	0.1491
steel_industry	0.9147	0.0569	0.8931	0.8613	0.2191
steel-b	0.8974	0.1026	0.8429	0.6855	0.5255
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9795	0.0205	0.9682	0.9359	0.1450
steel-o	0.8359	0.1641	0.8152	0.6259	0.5976
steel-p	0.9231	0.0769	0.6928	0.3623	0.5753
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9590	0.0410	0.8958	0.7868	0.4438
stock	0.9167	0.0833	0.8521	0.7004	0.4623
stockb	0.9912	0.0059	0.9913	0.9868	0.0317
streaming	0.9940	0.0060	0.9939	0.9879	0.0490
stress	0.9524	0.0190	0.9532	0.9405	0.0737
student-lifestyle	0.5750	0.1700	0.3284	0.3092	0.5205
student-habits	0.3900	0.2440	0.2720	0.0359	0.4675
student-weekend	0.2923	0.2831	0.2412	0.0317	0.7393
student-workday	0.7188	0.1125	0.2472	0.2310	0.3338
studentap	0.4615	0.3590	0.4775	0.2018	0.6898
susy1%	0.7930	0.2070	0.7913	0.5795	0.6697
tae	0.4667	0.3556	0.4820	0.2000	0.6840
telco-churn	0.8991	0.1009	0.8662	0.7271	0.4490
texture	0.9909	0.0017	0.9913	0.9900	0.0139
theorem	0.9574	0.0426	0.9562	0.9122	0.2345
thoracic	0.8085	0.1915	0.5444	0.0824	0.7852
thrombin	0.8521	0.1479	0.4601	-0.0478	0.3386
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.6269	0.3731	0.5966	0.1791	0.8141
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.3750	0.2500	0.3717	0.2453	0.1963
tox_171	0.9412	0.0294	0.9500	0.9217	0.0721
toxicity	0.4118	0.5882	0.2917	-0.3934	1.0000
toxicity-13f	0.6471	0.3529	0.5858	0.1639	0.8952
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.6667	0.3333	0.5156	0.0310	0.8948
trec11-wc	0.8780	0.0271	0.7852	0.8471	0.0826
trec12-wc	0.0968	0.2258	0.0380	-0.0383	0.4876
trec21-wc	0.9697	0.0121	0.7958	0.9345	0.0286
trec23-wc	0.8095	0.0635	0.8421	0.7565	0.1869
trec31-wc	0.5914	0.1362	0.4409	0.4641	0.4989
trec41-wc	0.1818	0.1636	0.0937	-0.0719	0.4340
trec45-wc	0.7101	0.0580	0.6470	0.6628	0.2480
tuandromd	0.9818	0.0182	0.9705	0.9406	0.1349
turkish	0.8000	0.1000	0.7995	0.7333	0.2488
tvnews1%	0.8769	0.1231	0.8664	0.7311	0.4991
ur3_cobotops_grip	0.9714	0.0286	0.7155	0.3874	0.4334
ur3_cobotops_stop	0.9701	0.0299	0.7517	0.4854	0.4647
urban	0.8060	0.0431	0.8208	0.7725	0.1591
urinalysis	0.9441	0.0559	0.6684	0.3075	0.5516
ustilago1%	0.8208	0.1792	0.4508	-0.0188	0.1170
vehicle	0.7619	0.1190	0.7217	0.6789	0.2222
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.5000	0.5000	0.5000	0.0000	0.9298

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vote	0.8372	0.1628	0.8410	0.6753	0.5648
vowel	0.5859	0.0753	0.6158	0.5444	0.2348
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.6603	0.0340	0.4933	0.6189	0.2714
warpar10p	0.9231	0.0154	0.9500	0.9139	0.0292
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc1%	0.9805	0.0056	0.9802	0.9772	0.0419
watch-gyr1%	0.9676	0.0093	0.9669	0.9621	0.0602
water_pollution	0.2400	0.3800	0.2416	-0.0131	0.8693
waveform	0.8280	0.1147	0.8280	0.7420	0.3883
weather-related	0.9596	0.0073	0.9622	0.9542	0.0541
web-phishing	0.8667	0.0889	0.8522	0.7696	0.3916
Weekly	0.9907	0.0093	0.9907	0.9812	0.0572
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9800	0.0100	0.9800	0.9733	0.0472
wilt	0.9814	0.0186	0.8962	0.7903	0.3078
wine	0.9412	0.0392	0.9497	0.9000	0.1450
winequality-red	0.6918	0.1027	0.3320	0.5085	0.4235
winequality-white	0.6728	0.1091	0.4604	0.4989	0.5078
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.7500	0.0333	0.7318	0.7322	0.0613
yeast	0.6014	0.0886	0.5108	0.4811	0.3727
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9595	0.0405	0.6958	0.3799	0.5788
yeastME1	0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2	0.9392	0.0608	0.5817	0.1527	0.6285

Table 516: Detailed results for LMT^{CV} Noise 10%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1535	0.0736	0.0959	0.0635	0.4640
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.6271	0.1447	0.3363
accident	0.6000	0.4000	0.6021	0.2000	0.9166
ads	0.9695	0.0305	0.9350	0.8688	0.2443
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.6330	0.2241	0.6486
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.5500	0.4500	0.3548	-0.2500	0.9869
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.9014	0.0986	0.8605	0.7123	0.4372
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8000	0.0800	0.4740	0.5533	0.4046
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.9395	0.0605	0.9334	0.8657	0.2997
anneal	0.9663	0.0135	0.7688	0.9306	0.0999
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.9611	0.0195	0.9082	0.9247	0.1143
anuran-genus	0.9541	0.0115	0.8940	0.9236	0.1896
anuran-species	0.9667	0.0067	0.9057	0.9536	0.0776
anxiety	0.0917	0.2019	0.0910	-0.0205	0.8239
apple-quality	0.8325	0.1675	0.8327	0.6650	0.5978
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.6875	0.3750	0.8278
arrhythmia	0.7333	0.0533	0.5527	0.5738	0.2230
auction	0.9755	0.0245	0.9433	0.8799	0.0855
audiology	0.9091	0.0165	0.8590	0.8942	0.0404
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.9106	0.8693	0.1029
avila	0.9669	0.0055	0.8568	0.9570	0.1116
babies	0.4516	0.1567	0.1740	0.1433	0.4264
balance	0.8871	0.0753	0.6122	0.7873	0.2076
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8894	0.1106	0.8801	0.7494	0.4102
basehock	0.5025	0.4975	0.3344	0.0000	0.5280
bio10%	0.9952	0.0048	0.8502	0.6933	0.3223

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8286	0.1714	0.8168	0.6330	0.6190
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.6813	0.1593	0.6823	0.5751	0.4583
brain-tumor	0.4895	0.5105	0.4895	-0.0209	1.0000
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5820	0.5600	0.1505
bridges	0.8000	0.0667	0.6525	0.6970	0.0841
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9425	0.0287	0.9353	0.8813	0.2155
car-insurance	0.8410	0.1590	0.8121	0.6234	0.6123
card	0.8406	0.1594	0.8373	0.6744	0.5874
cardiotocography	0.8685	0.0263	0.8298	0.8423	0.1540
cardiotocography-nsp	0.9296	0.0469	0.8582	0.8070	0.2981
cardiovascular	0.7343	0.2657	0.7351	0.4687	0.7697
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6361	0.5556	0.3867
cas_N6512_cdk_ECFP2	0.7343	0.2657	0.7326	0.4651	0.7751
cas_N6512_rdkit_ATOMPAIR	0.7308	0.2692	0.7297	0.4592	0.7795
cas_N6512_RDkit_AtomPair_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_AVALON	0.4608	0.5392	0.3155	0.0000	0.5307
cas_N6512_RDkit_Avalon_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_descriptors	0.7585	0.2415	0.7563	0.5114	0.7349
cas_N6512_rdkit_FEATMORGAN	0.6959	0.3041	0.6936	0.3871	0.8276
cas_N6512_RDkit_Featmorgan_FP	0.7347	0.2653	0.7333	0.4666	0.7742
cas_N6512_RDkit_FP	0.7055	0.2945	0.7028	0.4050	0.8143
cas_N6512_rdkit_LAYERED	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_Layered_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_MACCS	0.7646	0.2354	0.7626	0.5249	0.7274
cas_N6512_RDkit_MACCS_FP	0.7658	0.2342	0.7651	0.5299	0.7247
cas_N6512_rdkit_MORGAN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_morgan_FP	0.4617	0.5383	0.3158	0.0000	0.5307
cas_N6512_rdkit_PATTERN	0.4615	0.5385	0.3158	0.0000	0.5307
cas_N6512_RDkit_pattern_FP	0.7715	0.2285	0.7702	0.5403	0.7165
cas_N6512_rdkit_RDKITFP	0.7296	0.2704	0.7278	0.4555	0.7817
cas_N6512_rdkit_TORSION	0.7188	0.2812	0.7166	0.4332	0.7973
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7409	0.2591	0.7143	0.4285	0.7825
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6744	0.0561	0.1301
central-nervous-system	0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.9399	0.0301	0.9253	0.9103	0.1309
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9992	0.0008	0.7839	0.5621	0.4216
chronic-kidney	0.9157	0.0843	0.6125	0.1868	0.6002
churn	0.8390	0.1610	0.7194	0.4134	0.6397
churn-bigml	0.9438	0.0562	0.8801	0.7510	0.3328
ci900367j_MACCS	0.6842	0.3158	0.6645	0.3291	0.8497
circles	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cirrhosis	0.7857	0.1429	0.7633	0.5594	0.3059
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8167	0.0917	0.6531	0.7104	0.3435
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5150	0.2860	0.7030
cnae-9	0.9537	0.0103	0.9544	0.9479	0.0480
codon_usage	0.8941	0.0193	0.7024	0.8712	0.2329
coil20	0.9722	0.0028	0.9742	0.9708	0.0192
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	1.0000	0.0000	1.0000	1.0000	0.0000
colon-tumor	0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1	0.5862	0.4138	0.5196	0.0387	0.9534
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.7241	0.2759	0.7247	0.4450	0.7776
colposcopies-4	0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.7742	0.1505	0.7007	0.6353	0.2946
cottonmeloidogyne	0.7596	0.2404	0.7596	0.5191	0.7342
covtypeCD	0.9761	0.0239	0.9485	0.8964	0.2137
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9982	0.0018	0.6663	0.2850	0.4084
crowdsourced	0.8931	0.0356	0.7159	0.7776	0.3011
cryotherapy	0.6667	0.3333	0.6582	0.3077	0.8482
cultivars	0.4062	0.0371	0.3646	0.3871	0.1249
customer-churn	0.9840	0.0160	0.7581	0.4799	0.3727
cybersecurity	0.1467	0.2844	0.1467	-0.0267	0.8930
cyclopentane	0.7407	0.2593	0.7500	0.4878	0.7287
cylinder-bands	0.6852	0.3148	0.6719	0.3299	0.8188
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8250	0.1750	0.7141	0.4031	0.6587
defect	0.9599	0.0401	0.9228	0.8372	0.1899
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9189	0.0270	0.9249	0.8991	0.0971
desharnais	0.7500	0.1667	0.5333	0.5000	0.2103
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.6620	0.4074	0.3890
DIA	0.7500	0.2500	0.6741	0.3478	0.7928
diabetes	0.8654	0.1346	0.8594	0.7183	0.5367
diabetes-risk	0.9215	0.0785	0.8771	0.7529	0.4343
diabetic1%	0.5490	0.3007	0.3528	0.1041	0.6250
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7918	0.0833	0.7881	0.7042	0.3150
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.7895	0.5000	0.5283
dlbcl-nih	0.7083	0.2917	0.7050	0.4085	0.8079
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dota210%	0.5592	0.4408	0.5562	0.1121	0.9619
drebin	0.9679	0.0321	0.9658	0.9312	0.1828
dropout	0.7743	0.1505	0.6931	0.6171	0.4302
drug-01	0.3989	0.1717	0.1212	0.0034	0.3287
drug-02	0.5106	0.1398	0.1841	0.1090	0.5539
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2388	0.2710	0.4972
drug-07	0.4521	0.1826	0.1607	0.0652	0.3759
drug-08	0.5532	0.1277	0.1694	0.0806	0.3674
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5638	0.1246	0.2688	0.1691	0.3506
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.5957	0.1155	0.1581	0.1723	0.3386
drug-14	0.5904	0.1170	0.2594	0.2491	0.4093
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5638	0.1454	0.3204	0.2801	0.5168
drug-17	0.3564	0.1839	0.1747	0.1063	0.5266
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9236	0.0218	0.9353	0.9076	0.1275
ecoli	0.8529	0.0490	0.7218	0.7952	0.1379
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.9394	0.0606	0.9175	0.8350	0.3629
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2620	0.0136	0.8364
eeg-eye	0.8378	0.1622	0.8360	0.6719	0.5901
eeg10%	0.3655	0.0793	0.3503	0.2963	0.6443
eucalyptus	0.5753	0.1699	0.5667	0.4536	0.4021
euthyroid	0.9620	0.0380	0.8927	0.7854	0.3952
fakenews	0.5175	0.4825	0.5172	0.0344	0.9895
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.7255	0.2745	0.7230	0.4324	0.7568
financial-risk	0.9015	0.0328	0.6899	0.8447	0.2187
fishcatch	0.8125	0.0625	0.8137	0.7624	0.1445
flags	0.6000	0.1143	0.3987	0.5031	0.2440
forest	0.9231	0.0385	0.9193	0.8934	0.1062
gastrointestinal	0.6250	0.2500	0.5984	0.4074	0.5447
gender	0.6000	0.2667	0.4448	0.1494	0.5588
gene	0.8991	0.0673	0.8908	0.8406	0.2685
german	0.7200	0.2800	0.6722	0.3220	0.7801
gestures	0.8193	0.0903	0.8234	0.7591	0.3245
gina	0.8991	0.1009	0.8992	0.7983	0.4343
glass	0.7143	0.0952	0.8304	0.6123	0.2439
glass-g2	0.8750	0.1250	0.8873	0.7500	0.4011
glassBWFP	0.7619	0.2381	0.7646	0.4262	0.4246
glassBWNFP	0.8095	0.1905	0.7857	0.5714	0.6730
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8662	0.6957	0.2404
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6842	0.3158	0.6833	0.3667	0.8414
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma	0.6000	0.2667	0.6667	0.4118	0.3599
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.2667	0.3667	0.2870	-0.0061	0.7008
gsalc	0.6667	0.1111	0.7059	0.6029	0.1590
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
har	0.9511	0.0196	0.9494	0.9381	0.1161
har701%	0.9044	0.0273	0.5333	0.8587	0.1999
harth1%	0.8550	0.0242	0.5177	0.8019	0.2703
hayes-roth	0.6250	0.2500	0.6905	0.4074	0.3966
hcc-survival	0.5294	0.4706	0.4617	-0.0625	0.9644
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack	0.8065	0.1935	0.8046	0.6092	0.6543
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.9740	0.0260	0.9697	0.9389	0.1535
heart-quantum	0.9600	0.0400	0.9606	0.9180	0.2092
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6945	0.3055	0.6928	0.3854	0.8286
higher	0.2143	0.1964	0.1094	0.0314	0.3773
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9022	0.0978	0.8125	0.6145	0.5053
hiva	0.9645	0.0355	0.6167	0.1102	0.3399
horse	0.5556	0.2963	0.4943	0.2237	0.6610
hotel-reservartions	0.8875	0.1125	0.8699	0.7366	0.4712
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9922	0.0052	0.9924	0.9883	0.0338
htru2	0.9777	0.0223	0.9301	0.8580	0.2226
hypothyroid	0.9788	0.0106	0.6588	0.8721	0.0988
hypothyroidT	0.9973	0.0027	0.9909	0.9816	0.0997
ilpd	0.6780	0.3220	0.5181	0.0278	0.8593
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere	0.9143	0.0857	0.9022	0.7853	0.2404
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8108	0.1892	0.6076	0.1184	0.5844
jvowels	0.9518	0.0107	0.9489	0.9454	0.0770
kc1	0.8626	0.1374	0.6809	0.2969	0.5700
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.5420	0.0574	0.7533
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8755	0.0830	0.8348	0.7940	0.2342
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	0.9250	0.0750	0.9282	0.8462	0.3145
krkopt	0.7369	0.0292	0.6963	0.7072	0.4438
krvskp	0.9687	0.0313	0.9686	0.9372	0.1880
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7059	0.0256	0.7109	0.6903	0.0836

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.8000	0.0444	0.8240	0.7734	0.1102
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.8915	0.0083	0.8914	0.8871	0.1249
leukemia	0.7143	0.1905	0.7222	0.5758	0.3100
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.7222	0.0370	0.7055	0.7007	0.1023
liver	0.7353	0.2647	0.6715	0.3139	0.7565
loan	0.9906	0.0094	0.9900	0.9800	0.0680
localization10%	0.6347	0.0664	0.3549	0.5340	0.6215
lrs	0.8491	0.0431	0.6383	0.7895	0.1224
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	0.8750	0.0500	0.9164	0.8400	0.0774
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.9500	0.0200	0.7652	0.8964	0.0232
lung-cancer-harvard2	0.7778	0.2222	0.6956	0.3684	0.7023
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.3333	0.6667	0.2500	-0.5000	1.0000
lupus	0.8889	0.1111	0.8953	0.7692	0.3145
lymphography	0.6429	0.2381	0.4747	0.3694	0.3201
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9149	0.0851	0.9124	0.8247	0.3936
madelon	0.6731	0.3269	0.6731	0.3462	0.8540
magic04	0.8580	0.1420	0.8413	0.6736	0.5221
malware	0.9459	0.0541	0.9261	0.8412	0.3750
mammography	0.8125	0.1875	0.8118	0.6235	0.6412
marketing	0.8839	0.1161	0.7251	0.3834	0.4930
maternal	0.7822	0.1452	0.7862	0.6689	0.4309
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2367	0.3053	0.2372	0.0449	0.8539
messidor	0.7304	0.2696	0.7298	0.4578	0.7758
meter-A	0.6250	0.3750	0.7241	0.3333	0.5283
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9583	0.9234	0.0743
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9700	0.0060	0.9706	0.9667	0.0376
mfeat-fou	0.7800	0.0440	0.7794	0.7556	0.1869
mfeat-kar	0.9550	0.0090	0.9560	0.9500	0.0546
mfeat-mor	0.7500	0.0500	0.7574	0.7222	0.1836
mfeat-pix	0.9550	0.0090	0.9558	0.9500	0.0563
mfeat-zer	0.8100	0.0380	0.8131	0.7889	0.1213
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6765	0.1294	0.6705	0.5944	0.3724
mobile	0.7308	0.0096	0.7462	0.7259	0.1223
monks-1	0.9091	0.0909	0.9157	0.8175	0.2958
monks-2	0.8525	0.1475	0.8332	0.6536	0.5242
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5011	0.0907	0.5086	0.3981	0.5254
musk	0.9470	0.0530	0.8929	0.7784	0.3117
MUT_ci300400a_cdk_ECFP2	0.7710	0.2290	0.7637	0.5273	0.7221
MUT_ci300400a_cdk_ECFP4	0.7593	0.2407	0.7521	0.5042	0.7414
MUT_ci300400a_cdk_ECFP6	0.7521	0.2479	0.7433	0.4857	0.7517
MUT_ci300400a_cdk_ESTATE	0.7362	0.2638	0.7256	0.4490	0.7739
MUT_ci300400a_cdk_FCFP2	0.7880	0.2120	0.7819	0.5638	0.6928

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_MACCS	0.7986	0.2014	0.7910	0.5796	0.6666
MUT_ci300400a_cdk_PUBCHEM	0.4168	0.5832	0.2942	0.0000	0.5271
MUT_ci300400a_rdkit_descriptors	0.8033	0.1967	0.7974	0.5920	0.6548
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
NCI60	0.5000	0.1667	0.3793	0.4000	0.1784
nci9	0.6667	0.1111	0.6222	0.6000	0.1039
ncRNA1%	0.8987	0.0107	0.4049	0.7117	0.4399
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4861	0.3426	0.3114	-0.0110	0.5663
nursery	0.9853	0.0073	0.9784	0.9785	0.0575
obesity	0.8626	0.0393	0.8593	0.8395	0.1727
obs	0.9815	0.0093	0.9835	0.9726	0.0553
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9911	0.0044	0.9682	0.9729	0.0175
oh0-wc	0.8713	0.0257	0.8765	0.8528	0.1413
oh10-wc	0.6190	0.0762	0.6080	0.5649	0.3557
oh15-wc	0.7391	0.0522	0.7453	0.7033	0.2515
oh5-wc	0.7473	0.0505	0.7525	0.7140	0.1913
olive	0.9298	0.0156	0.9281	0.9131	0.0743
optdigits	0.9431	0.0114	0.9460	0.9367	0.0758
optdigitsZ	0.9929	0.0071	0.9780	0.9561	0.1305
orl	0.8500	0.0075	0.8108	0.8462	0.0252
orlraws10P	0.8000	0.0400	0.7742	0.7778	0.0497
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.6394	0.2495	0.6005
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7938	0.2062	0.7672	0.5339	0.6995
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8175	0.1825	0.8169	0.6338	0.6312
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.8638	0.8370	0.1528
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.9147	0.0853	0.9093	0.8143	0.3597
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle10%	0.9023	0.0977	0.8790	0.7579	0.4718
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.4175	0.5825	0.2945	0.0000	0.5272
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8947	0.1053	0.8533	0.6981	0.4590
pediatric-leukemia	0.7647	0.0672	0.7081	0.7109	0.2068
pendigits	0.9782	0.0044	0.9781	0.9757	0.0366
period	0.7778	0.2222	0.7568	0.4000	0.4011
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.8192	0.1808	0.8042	0.6051	0.6309
pet-adoption	0.9400	0.0600	0.9316	0.8611	0.2903
phishing	0.9592	0.0408	0.9573	0.9134	0.2084
phone-acc0.1%	0.8538	0.0418	0.8446	0.8291	0.1623
phone-gyr0.1%	0.8973	0.0293	0.8878	0.8800	0.1317
phoneme	0.8426	0.1574	0.8023	0.6038	0.6222
pima	0.7105	0.2895	0.6891	0.3407	0.7408
pirvision	0.9889	0.0074	0.9788	0.9646	0.0665
placement	0.7970	0.2030	0.7916	0.5832	0.6759
plant-growth	0.7895	0.2105	0.8155	0.5682	0.4308
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.4995	0.1430	0.0952	0.0000	0.2009
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-2nd	0.9617	0.0383	0.6732	0.0470	0.1111
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9612	0.0388	0.7656	0.4698	0.3320
polish-5th	0.9492	0.0508	0.7642	0.4252	0.2424
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
prestige	0.7778	0.1481	0.8046	0.6667	0.1468
primary-tumor	0.4242	0.0886	0.4067	0.3647	0.3012
profb	0.6866	0.3134	0.6250	0.2456	0.8615
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.6429	0.3571	0.6291	0.2553	0.8888
prostate_GE	0.8182	0.1818	0.8167	0.6333	0.6309
puc-rio10%	0.3060	0.2776	0.0937	0.0000	0.3557
pulsar	0.9792	0.0208	0.9357	0.8683	0.1878
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.0352	0.9648	0.0340	0.0000	0.0946
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9857	0.0143	0.9856	0.9711	0.0943
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6459	0.3541	0.6242	0.2451	0.8887
satimage	0.8725	0.0425	0.8541	0.8427	0.2049
satimageF	0.9860	0.0140	0.9654	0.9301	0.2271
satimageT	0.9409	0.0591	0.8204	0.6293	0.4397
scadi	0.5714	0.1714	0.5161	0.4474	0.1959
schiller	0.7778	0.2222	0.6786	0.3571	0.7720
schizo	0.5000	0.5000	0.5000	0.0000	0.9853
sclerosis	0.9259	0.0741	0.9309	0.8525	0.2846
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.9437	0.0161	0.9489	0.9342	0.0756
segmentation	0.8416	0.1584	0.8312	0.6610	0.5971
segmentO	0.9870	0.0130	0.9738	0.9463	0.0533
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8929	0.1071	0.7783	0.5507	0.5776
shuttle	0.9997	0.0001	0.9837	0.9990	0.0139
sick	0.9682	0.0318	0.8564	0.6843	0.2258
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9943	0.0057	0.9913	0.9827	0.0693
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.2400	0.3800	0.2414	-0.0085	0.8429
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
soil_pollution	0.1967	0.3213	0.1955	-0.0051	0.8752
solar-flare	0.7554	0.0815	0.6883	0.6855	0.1784

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sonar	0.6000	0.4000	0.6021	0.2000	0.9166
soybean	0.9412	0.0062	0.9406	0.9355	0.0379
spam-detection	0.9545	0.0455	0.8597	0.7187	0.4375
spambase	0.9196	0.0804	0.9157	0.8294	0.3601
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8286	0.1714	0.7900	0.5800	0.6541
spectrometer	0.5192	0.0356	0.4149	0.4912	0.1532
splice-EI	0.9716	0.0284	0.9622	0.9244	0.2028
splice-IE	0.9243	0.0757	0.8935	0.7865	0.4119
sport-articles	0.8400	0.1600	0.8270	0.6365	0.5307
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	0.9785	0.0215	0.9765	0.9530	0.1491
steel_industry	0.8995	0.0670	0.8737	0.8364	0.2303
steel-b	0.8462	0.1538	0.7566	0.5105	0.6569
steel-d	0.9641	0.0359	0.6738	0.3453	0.5805
steel-k	0.9692	0.0308	0.9522	0.9039	0.2161
steel-o	0.7179	0.2821	0.6807	0.3594	0.8162
steel-p	0.9282	0.0718	0.7104	0.2078	0.1781
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9692	0.0308	0.9090	0.8164	0.3047
stock	0.9028	0.0972	0.8215	0.6267	0.4657
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9920	0.0080	0.9919	0.9838	0.0642
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6400	0.1440	0.3599	0.4089	0.4076
student-habits	0.4000	0.2400	0.1868	0.0551	0.5211
student-weekend	0.3538	0.2585	0.3005	0.1023	0.6506
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.2308	0.5128	0.2000	-0.1818	0.8974
susy1%	0.7904	0.2096	0.7888	0.5737	0.6720
tae	0.4000	0.4000	0.4121	0.1000	0.7078
telco-churn	0.8949	0.1051	0.8632	0.7259	0.4949
texture	0.9927	0.0013	0.9930	0.9920	0.0108
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.8582	0.1418	0.7981	0.5887	0.5846
titanic	0.7955	0.2045	0.7548	0.4717	0.6111
tourist	0.7500	0.1000	0.5455	0.6364	0.0863
tox_171	0.8235	0.0882	0.8375	0.7650	0.1709
toxicity	0.4706	0.5294	0.3200	-0.3077	1.0000
toxicity-13f	0.7647	0.2353	0.7310	0.4426	0.7072
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7067	0.2933	0.4717	-0.0417	0.8614
trec11-wc	0.8537	0.0325	0.8021	0.8194	0.1345
trec12-wc	0.8387	0.0403	0.7489	0.8053	0.1102
trec21-wc	0.8788	0.0485	0.5020	0.7261	0.1014
trec23-wc	0.9048	0.0317	0.6407	0.8623	0.0573
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.8696	0.0261	0.7774	0.8492	0.1403
tuandromd	0.9886	0.0114	0.9816	0.9630	0.0863
turkish	0.8250	0.0875	0.8306	0.7667	0.2252
tvnews1%	0.8923	0.1077	0.8833	0.7627	0.4401
tvnews10%	0.8736	0.1264	0.8625	0.7237	0.5105

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_grip	0.9714	0.0286	0.7033	0.3124	0.3375
ur3_cobotops_stop	0.9714	0.0286	0.7552	0.4746	0.4036
urban	0.7761	0.0498	0.7604	0.7406	0.2264
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.7857	0.1071	0.7668	0.7130	0.1793
vehicleVAN	0.9524	0.0476	0.9354	0.8689	0.2600
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.4949	0.0918	0.5644	0.4444	0.2602
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.7692	0.0462	0.8000	0.7383	0.1028
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9670	0.0094	0.9665	0.9613	0.0655
watch-gyr1%	0.9713	0.0082	0.9708	0.9665	0.0583
water_pollution	0.2333	0.3833	0.2338	-0.0223	0.8733
waveform	0.8480	0.1013	0.8480	0.7720	0.3564
weather-related	0.9596	0.0073	0.9569	0.9542	0.0620
web-phishing	0.8444	0.1037	0.7808	0.7300	0.4171
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9800	0.0100	0.9800	0.9733	0.0474
wilt	0.9752	0.0248	0.8635	0.7261	0.4016
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5849	0.1384	0.2625	0.3110	0.3866
winequality-white	0.5399	0.1534	0.3396	0.3223	0.7692
wisc_bc	1.0000	0.0000	1.0000	1.0000	0.0000
yale	0.7500	0.0333	0.6797	0.7311	0.0544
yeast	0.5068	0.1096	0.4191	0.3635	0.3887
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1	0.9865	0.0135	0.8715	0.7431	0.4034
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

Table 517: Detailed results for RerF^{CV} Noise 10%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1751	0.0717	0.1079	0.0829	0.4674
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.2740	0.7260	0.5727	0.0320	0.1762
accelerometer	0.9834	0.0166	0.6741	0.2271	0.2925
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9787	0.0213	0.9547	0.9073	0.1433
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID644Morered	0.6000	0.4000	0.4724	-0.0526	0.9519
AID644red	0.7000	0.3000	0.6098	0.2105	0.8520
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8779	0.1221	0.8245	0.6308	0.4841
air_pollution	0.4067	0.1695	0.0828	0.0016	0.3420
alcohol	0.8095	0.0762	0.5090	0.5168	0.1916
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8744	0.1256	0.8632	0.7069	0.4169
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9819	0.0090	0.9440	0.9654	0.0442
anuran-genus	0.9847	0.0038	0.9561	0.9748	0.0545
anuran-species	0.9875	0.0025	0.9755	0.9826	0.0268
anxiety	0.1083	0.1981	0.0905	-0.0040	0.7305
apple-quality	0.8775	0.1225	0.8777	0.7550	0.4915
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7354	0.4681	0.7547
arrhythmia	0.7111	0.0578	0.3956	0.4837	0.2389
auction	0.9804	0.0196	0.9549	0.9056	0.0721
audiology	0.7727	0.0413	0.6189	0.7297	0.0993
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0600	0.8576	0.8020	0.1494
avila	0.9655	0.0057	0.9531	0.9548	0.0708
babies	0.4597	0.1544	0.1501	0.1382	0.3711
balance	0.9032	0.0645	0.6222	0.8182	0.1763
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8894	0.1106	0.8805	0.7487	0.4010
basehock	0.9698	0.0302	0.9702	0.9397	0.1709
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8476	0.1524	0.8363	0.6673	0.5561
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7127	0.1437	0.7122	0.6169	0.4316
brain-tumor	0.5060	0.4940	0.5058	0.0113	0.9880
breast-cancer	0.7857	0.2143	0.7325	0.3226	0.3833
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.8000	0.7143	0.1503
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8873	0.7500	0.4011
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9425	0.0287	0.8930	0.8788	0.1992
car-insurance	0.8370	0.1630	0.8055	0.6084	0.6156
card	0.9130	0.0870	0.9107	0.8198	0.3843
cardiotocography	0.8639	0.0272	0.8393	0.8358	0.1584
cardiotocography-nsp	0.9249	0.0501	0.8422	0.7744	0.1904
cardiovascular	0.7372	0.2628	0.7386	0.4744	0.7620
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6280	0.5095	0.5406
cas_N6512_cdk_ECFP2	0.7757	0.2243	0.7752	0.5500	0.7080
cas_N6512_rdkit_ATOMPAIR	0.7600	0.2400	0.7590	0.5178	0.7350
cas_N6512_RDkit_AtomPair_FP	0.7531	0.2469	0.7513	0.5026	0.7464
cas_N6512_rdkit_AVALON	0.7896	0.2104	0.7895	0.5782	0.6824
cas_N6512_RDkit_Avalon_FP	0.8021	0.1979	0.8044	0.6052	0.6504
cas_N6512_rdkit_descriptors	0.7569	0.2431	0.7586	0.5147	0.7322
cas_N6512_rdkit_FEATMORGAN	0.7788	0.2212	0.7772	0.5544	0.7040
cas_N6512_RDkit_Featmorgan_FP	0.7837	0.2163	0.7830	0.5659	0.6945
cas_N6512_RDkit_FP	0.7638	0.2362	0.7627	0.5253	0.7290
cas_N6512_rdkit_LAYERED	0.7738	0.2262	0.7766	0.5492	0.6999
cas_N6512_RDkit_Layered_FP	0.7469	0.2531	0.7470	0.4931	0.7529
cas_N6512_rdkit_MACCS	0.8046	0.1954	0.8034	0.6068	0.6571
cas_N6512_RDkit_MACCS_FP	0.7874	0.2126	0.7883	0.5747	0.6831
cas_N6512_rdkit_MORGAN	0.8185	0.1815	0.8173	0.6346	0.6298
cas_N6512_RDkit_morgan_FP	0.8037	0.1963	0.8025	0.6050	0.6588
cas_N6512_rdkit_PATTERN	0.7785	0.2215	0.7814	0.5585	0.6911
cas_N6512_RDkit_pattern_FP	0.7730	0.2270	0.7744	0.5465	0.7064
cas_N6512_rdkit_RDKITFP	0.7588	0.2412	0.7586	0.5166	0.7352
cas_N6512_rdkit_TORSION	0.7547	0.2453	0.7533	0.5065	0.7439
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7254	0.2746	0.7090	0.4159	0.7911
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.9302	0.0698	0.6408	0.2229	0.5285
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9535	0.0465	0.7378	0.4756	0.5775
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
children-anemia	0.9292	0.0354	0.8351	0.8938	0.1216
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9995	0.0005	0.8602	0.7094	0.2576
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8530	0.1470	0.7455	0.4597	0.5835
churn-bigml	0.9326	0.0674	0.8554	0.6658	0.1792
ci900367j_MACCS	0.6842	0.3158	0.6499	0.2907	0.8430
circles	0.9950	0.0001	0.9955	0.9949	0.0018

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cirrhosis	0.7143	0.1905	0.7055	0.4071	0.3813
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8139	0.0931	0.6571	0.7046	0.3262
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.6667	0.2222	0.7222	0.4545	0.3878
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5249	0.2816	0.7039
cnae-9	0.9352	0.0144	0.9392	0.9271	0.0727
codon_usage	0.9102	0.0163	0.7502	0.8902	0.1145
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9351	0.0649	0.9196	0.8387	0.3724
collins	0.8000	0.0267	0.7063	0.7783	0.0769
colon-tumor	0.6667	0.3333	0.6250	0.2500	0.8750
colposcopies-1	0.6897	0.3103	0.6349	0.2606	0.8474
colposcopies-2	0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3	0.6207	0.3793	0.5967	0.1883	0.9101
colposcopies-4	0.7241	0.2759	0.6284	0.2516	0.8328
colposcopies-5	0.7931	0.2069	0.4423	-0.0610	0.7557
colposcopies-6	0.7931	0.2069	0.8030	0.5817	0.5977
colposcopies-c	0.7931	0.2069	0.6969	0.2018	0.3671
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.8065	0.1290	0.7333	0.6810	0.2682
cottonmeloidogyne	0.7788	0.2212	0.7789	0.5577	0.7025
covtypeCD	0.9866	0.0134	0.9712	0.9418	0.1171
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9993	0.0007	0.8998	0.7996	0.3344
crowdsourced	0.9456	0.0181	0.8635	0.8859	0.1083
cryotherapy	0.5556	0.4444	0.5500	0.1000	0.9644
cultivars	0.5625	0.0273	0.5082	0.5484	0.0890
customer-churn	0.9820	0.0180	0.7129	0.3676	0.3810
cybersecurity	0.1667	0.2778	0.0831	-0.0116	0.5887
cyclopentane	0.7778	0.2222	0.7744	0.5424	0.6895
cylinder-bands	0.7778	0.2222	0.7709	0.5352	0.6921
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.8462	0.1538	0.4583	-0.0833	0.6910
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8203	0.1797	0.7035	0.3769	0.6617
defect	0.9259	0.0741	0.8525	0.6684	0.2653
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.3750	0.4167	0.2222	-0.0811	0.5964
dexter	0.9333	0.0667	0.9372	0.8667	0.2500
df_final	0.5625	0.2917	0.6424	0.3086	0.3573
DIA	0.8333	0.1667	0.7692	0.4286	0.3322
diabetes	0.9423	0.0577	0.9389	0.8770	0.2901
diabetes-risk	0.9199	0.0801	0.8727	0.7407	0.4157
diabetic1%	0.5686	0.2876	0.3581	0.1197	0.4790
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7597	0.0961	0.7556	0.6575	0.3160
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.6667	0.3333	0.6471	0.2727	0.8278
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dota210%	0.5845	0.4155	0.5810	0.1492	0.9074
drebin	0.9706	0.0294	0.9688	0.9376	0.1866
dropout	0.7585	0.1610	0.6687	0.5888	0.4618
drug-01	0.3989	0.1717	0.1306	0.0100	0.3761
drug-02	0.5372	0.1322	0.2128	0.1424	0.4352
drug-03	0.6968	0.1011	0.2070	0.0719	0.2598
drug-04	0.5319	0.1337	0.1519	0.0580	0.3970
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.1685	0.2577	0.3671
drug-07	0.4734	0.1755	0.1676	0.1043	0.3646
drug-08	0.5691	0.1231	0.1757	0.1043	0.3167
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5372	0.1322	0.1457	0.1214	0.4073
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6117	0.1109	0.1664	0.1744	0.3169
drug-14	0.5957	0.1155	0.2597	0.2440	0.4391
drug-15	0.7606	0.0684	0.1238	0.0149	0.1831
drug-16	0.6011	0.1330	0.3042	0.3134	0.4013
drug-17	0.3777	0.1778	0.1354	0.1205	0.4262
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9229	0.0220	0.9345	0.9067	0.1297
ecoli	0.8529	0.0490	0.7174	0.7942	0.1400
ecoliCP-IM	0.9545	0.0455	0.9519	0.8991	0.1675
ecoliM	0.9697	0.0303	0.9586	0.9138	0.1112
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2000	0.4000	0.1913	-0.0698	0.8747
eeg-eye	0.9179	0.0821	0.9174	0.8330	0.3654
eeg10%	0.4518	0.0685	0.4541	0.3882	0.5165
eucalyptus	0.6164	0.1534	0.5877	0.5017	0.3615
euthyroid	0.9715	0.0285	0.9166	0.8318	0.2874
fakenews	0.5625	0.4375	0.5623	0.1241	0.9575
farm-ads	0.8913	0.1087	0.8921	0.7801	0.4336
fbis-wc	0.8089	0.0225	0.7190	0.7808	0.1292
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8235	0.1765	0.8221	0.6394	0.6034
financial-risk	0.8275	0.0575	0.5933	0.7128	0.1918
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.7500	0.0714	0.4640	0.6764	0.1568
forest	0.9038	0.0481	0.8715	0.8675	0.1339
gastrointestinal	0.8125	0.1250	0.8305	0.6981	0.2631
gender	0.5958	0.2695	0.4403	0.1027	0.5155
gene	0.9211	0.0526	0.9116	0.8735	0.2263
german	0.7200	0.2800	0.6750	0.2802	0.6783
gestures	0.9264	0.0368	0.9270	0.9018	0.1626
gina	0.9308	0.0692	0.9308	0.8616	0.3358
glass	0.8095	0.0635	0.8561	0.7383	0.1866
glass-g2	0.9375	0.0625	0.9392	0.8710	0.2846
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.8571	0.1429	0.8441	0.6400	0.3261
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.6000	0.3860	0.4926
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.6667	0.3333	0.4923	-0.0135	0.9051
har	0.9929	0.0029	0.9926	0.9910	0.0211
har701%	0.9279	0.0206	0.5689	0.8927	0.1565
harth1%	0.8788	0.0202	0.5997	0.8342	0.1767
hayes-roth	0.6250	0.2500	0.6905	0.4074	0.3966
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9333	0.0667	0.9330	0.8661	0.3279
heart-failure	0.9880	0.0120	0.9861	0.9719	0.0594
heart-quantum	0.9400	0.0600	0.9384	0.8760	0.3123
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6800	0.3200	0.6779	0.3552	0.8460
higher	0.3571	0.1607	0.2679	0.2174	0.2547
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8887	0.1113	0.7783	0.5000	0.4252
hiva	0.9598	0.0402	0.5663	0.0917	0.5201
horse	0.6389	0.2407	0.4469	0.3237	0.4800
hotel-reservartions	0.9044	0.0956	0.8899	0.7781	0.4287
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9899	0.0067	0.9901	0.9848	0.0425
htru2	0.9754	0.0246	0.9235	0.8455	0.2631
hypothyroid	0.9894	0.0053	0.7320	0.9368	0.0849
hypothyroidT	0.9920	0.0080	0.9716	0.9431	0.1266
ilpd	0.6949	0.3051	0.5887	0.1690	0.8638
immuno-therapy	0.7778	0.2222	0.6786	0.3571	0.7720
instagram	0.9767	0.0117	0.9773	0.9689	0.0468
ionosphere	0.9714	0.0286	0.9671	0.9320	0.1146
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8246	0.1754	0.6564	0.2291	0.5895
jvowels	0.9829	0.0038	0.9821	0.9807	0.0295
kc1	0.8673	0.1327	0.7118	0.2315	0.2755
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF	0.8667	0.1333	0.4643	-0.0714	0.6717
kc2	0.8462	0.1538	0.7441	0.4680	0.6202
kdc-4007	0.7581	0.0691	0.7739	0.7176	0.3194
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8912	0.0725	0.8526	0.8203	0.2051
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7540	0.0273	0.7791	0.7244	0.2611
krvskp	0.9749	0.0251	0.9749	0.9498	0.1583
la1s-wc	0.8444	0.0519	0.8120	0.8016	0.2185
la2s-wc	0.9040	0.0320	0.8916	0.8776	0.1288
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6302	0.6603	0.0809

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.7500	0.0556	0.8062	0.7167	0.1356
lenses	0.3333	0.4444	0.3333	0.0000	0.3333
letter	0.9480	0.0040	0.9480	0.9459	0.0620
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8889	0.0148	0.9110	0.8807	0.0496
liver	0.6471	0.3529	0.6161	0.2302	0.8750
loan	0.9836	0.0164	0.9825	0.9650	0.1089
localization10%	0.6566	0.0624	0.3734	0.5473	0.3314
lrs	0.8491	0.0431	0.6315	0.7920	0.1303
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer	0.0000	0.6667	0.0000	-0.5000	0.6046
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.5851	0.4149	0.3691	0.0000	0.5062
madelon	0.6346	0.3654	0.6353	0.2692	0.8925
magic04	0.8659	0.1341	0.8503	0.6973	0.5256
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8884	0.1116	0.7487	0.3530	0.2472
maternal	0.7525	0.1650	0.7553	0.6217	0.4606
math	0.8500	0.0750	0.8053	0.7605	0.1664
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2067	0.3173	0.1557	-0.0032	0.5487
messidor	0.6609	0.3391	0.6617	0.3210	0.8595
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	0.8889	0.0741	0.9167	0.8302	0.1560
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9148	0.9221	0.0473
mfeat-fac	0.9600	0.0080	0.9617	0.9556	0.0468
mfeat-fou	0.8250	0.0350	0.8249	0.8056	0.1476
mfeat-kar	0.9800	0.0040	0.9806	0.9778	0.0251
mfeat-mor	0.7000	0.0600	0.6990	0.6667	0.1958
mfeat-pix	0.9800	0.0040	0.9809	0.9778	0.0225
mfeat-zer	0.8100	0.0380	0.8149	0.7889	0.1197
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5000	0.2000	0.4953	0.3758	0.4887
mobile	0.9406	0.0021	0.9452	0.9395	0.0261
monks-1	0.9091	0.0909	0.9094	0.8182	0.4028
monks-2	0.8689	0.1311	0.8598	0.6806	0.3145
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5089	0.0893	0.5343	0.3902	0.4342
musk	0.9485	0.0515	0.8961	0.7780	0.2412
MUT_ci300400a_cdk_ECFP2	0.8141	0.1859	0.8097	0.6192	0.6431
MUT_ci300400a_cdk_ECFP4	0.8216	0.1784	0.8174	0.6346	0.6282
MUT_ci300400a_cdk_ECFP6	0.8144	0.1856	0.8077	0.6136	0.6367
MUT_ci300400a_cdk_ESTATE	0.7698	0.2302	0.7616	0.5223	0.7229
MUT_ci300400a_cdk_FCFP2	0.8180	0.1820	0.8129	0.6259	0.6360

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_MACCS	0.8201	0.1799	0.8170	0.6332	0.6294
MUT_ci300400a_cdk_PUBCHEM	0.8587	0.1413	0.8555	0.7107	0.5467
MUT_ci300400a_rdkit_descriptors	0.8133	0.1867	0.8087	0.6172	0.6436
myocardial	0.8765	0.0309	0.2932	0.3396	0.1037
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.9134	0.0091	0.4981	0.7555	0.2950
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5278	0.3148	0.3416	0.0137	0.4489
nursery	0.9838	0.0081	0.9588	0.9762	0.0358
obesity	0.9289	0.0203	0.9308	0.9170	0.0885
obs	0.9907	0.0046	0.9934	0.9862	0.0189
occupancy	0.9908	0.0092	0.9873	0.9743	0.1107
Occupancy_Estimation	0.9941	0.0030	0.9799	0.9820	0.0291
oh0-wc	0.9109	0.0178	0.9122	0.8977	0.0838
oh10-wc	0.8095	0.0381	0.7455	0.7829	0.1711
oh15-wc	0.8478	0.0304	0.8558	0.8263	0.1458
oh5-wc	0.8352	0.0330	0.8576	0.8126	0.1468
olive	0.9474	0.0117	0.9385	0.9343	0.0333
optdigits	0.9680	0.0064	0.9702	0.9644	0.0456
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.6001	0.1397	0.5452
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8086	0.6169	0.6283
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9056	0.8095	0.4123
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9781	0.0088	0.8077	0.8742	0.1512
parkinson	0.9833	0.0167	0.9828	0.9655	0.1178
parkinsons	0.8389	0.1611	0.8271	0.6421	0.5522
parkinsons-small	0.8947	0.1053	0.8914	0.7595	0.4308
particle10%	0.9100	0.0900	0.8876	0.7751	0.4433
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8947	0.1053	0.8575	0.6735	0.2578
pediatric-leukemia	0.8235	0.0504	0.7429	0.7811	0.1486
pendigits	0.9954	0.0009	0.9955	0.9949	0.0089
period	0.7778	0.2222	0.7568	0.4000	0.4011
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8251	0.1749	0.8108	0.6190	0.6207
pet-adoption	0.9350	0.0650	0.9259	0.8489	0.3030
phishing	0.9469	0.0531	0.9444	0.8872	0.2581
phone-acc0.1%	0.8507	0.0427	0.8432	0.8253	0.1536
phone-gyr0.1%	0.8765	0.0353	0.8701	0.8554	0.1499
phoneme	0.9037	0.0963	0.8802	0.7600	0.4606
pima	0.6579	0.3421	0.6226	0.2109	0.8159
pirvision	0.9895	0.0070	0.9737	0.9665	0.0506
placement	0.7870	0.2130	0.7793	0.5560	0.6871
plant-growth	0.6316	0.3684	0.6315	0.2486	0.8662
plrx	0.6667	0.3333	0.4000	-0.1020	0.8617
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9531	0.0469	0.6953	0.2451	0.2857
polish-5th	0.9425	0.0575	0.7196	0.3264	0.3264
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7073	0.4118	0.8058
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.3902	0.4174	0.2459
profb	0.6866	0.3134	0.5941	0.1394	0.7748
promoters	0.9000	0.1000	0.9010	0.7826	0.2846
prostate	0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio10%	0.9922	0.0031	0.9858	0.9895	0.0213
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.8889	0.1111	0.8893	0.7778	0.4596
rcv11%	0.7556	0.0119	0.4448	0.7203	0.1487
re0-wc	0.8533	0.0226	0.7664	0.8059	0.1491
re1-wc	0.7952	0.0164	0.5339	0.7617	0.1190
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.8699	0.0054	0.4357	0.8175	0.0831
rice	0.9863	0.0137	0.9862	0.9722	0.0934
rnaseq	0.9875	0.0050	0.9896	0.9834	0.0178
rocket	0.6836	0.3164	0.6728	0.3457	0.8466
satimage	0.9051	0.0316	0.8910	0.8827	0.1513
satimageF	0.9891	0.0109	0.9726	0.9449	0.1852
satimageT	0.9393	0.0607	0.8094	0.5767	0.3369
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5000	0.5000	0.5000	0.0000	0.9853
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9534	0.9392	0.0663
segmentation	0.8416	0.1584	0.8264	0.6525	0.5986
segmentO	1.0000	0.0000	1.0000	1.0000	0.0000
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8605	0.1395	0.4625	-0.0151	0.5048
sens-2-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sens-3-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-4-gram	0.8737	0.1263	0.6333	0.1180	0.4289
sens-5-gram	0.8789	0.1211	0.6687	0.1547	0.3573
sens-6-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-7-gram	0.8711	0.1289	0.6147	0.0873	0.4343
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8954	0.1046	0.7722	0.5140	0.5037
shuttle	0.9998	0.0000	0.9855	0.9995	0.0003
sick	0.9708	0.0292	0.8698	0.7171	0.2170
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9980	0.0020	0.9969	0.9938	0.0375
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1600	0.4200	0.1087	-0.1351	0.7308
smk_can_187	0.5789	0.4211	0.5778	0.1556	0.9466
soil_pollution	0.2367	0.3053	0.2330	0.0445	0.8372
solar-flare	0.7338	0.0887	0.5323	0.6551	0.1897
sonar	0.6500	0.3500	0.6508	0.3000	0.8761
soybean	1.0000	0.0000	1.0000	1.0000	0.0000
spam-detection	0.9550	0.0450	0.8603	0.7197	0.4303

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spambase	0.9413	0.0587	0.9385	0.8760	0.2880
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8571	0.1429	0.8205	0.6392	0.5823
spectrometer	0.5962	0.0299	0.5193	0.5704	0.1429
splice-EI	0.9716	0.0284	0.9621	0.9238	0.1885
splice-IE	0.9148	0.0852	0.8775	0.7492	0.4058
sport-articles	0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.2000	0.8077	0.5455	0.4011
startup	0.9892	0.0108	0.9885	0.9767	0.0905
steel_industry	0.9078	0.0615	0.8839	0.8500	0.2205
steel-b	0.8769	0.1231	0.7984	0.5763	0.5178
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7897	0.2103	0.7604	0.4939	0.6377
steel-p	0.9179	0.0821	0.6618	0.2948	0.5925
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9692	0.0308	0.9090	0.8164	0.3047
stock	0.9097	0.0903	0.8358	0.6591	0.4499
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9880	0.0120	0.9879	0.9758	0.0900
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6300	0.1480	0.3441	0.3829	0.4064
student-habits	0.4400	0.2240	0.2981	0.1141	0.4519
student-weekend	0.3077	0.2769	0.2029	-0.0227	0.5989
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.6154	0.2564	0.5833	0.3981	0.5877
susy1%	0.7962	0.2038	0.7954	0.5845	0.6535
tae	0.5333	0.3111	0.5689	0.3000	0.5528
telco-churn	0.8878	0.1122	0.8512	0.6985	0.4961
texture	0.9836	0.0030	0.9847	0.9820	0.0241
theorem	0.9935	0.0065	0.9933	0.9866	0.0568
thoracic	0.8298	0.1702	0.4535	-0.0387	0.6696
thrombin	0.9648	0.0352	0.7152	0.4265	0.5800
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.3368	0.6632	0.2520	0.0000	0.5017
tis10%	0.8134	0.1866	0.7353	0.3254	0.3505
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.7059	0.1471	0.7208	0.6101	0.2469
toxicity	0.5294	0.4706	0.3462	-0.2143	0.9882
toxicity-13f	0.7647	0.2353	0.7536	0.3929	0.4155
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7200	0.2800	0.5608	0.1147	0.8550
trec11-wc	0.8780	0.0271	0.7218	0.8471	0.0552
trec12-wc	0.8065	0.0484	0.7945	0.7652	0.1159
trec21-wc	0.9394	0.0242	0.5919	0.8631	0.0576
trec23-wc	0.8571	0.0476	0.6291	0.7872	0.1109
trec31-wc	0.9140	0.0287	0.9070	0.8860	0.1445
trec41-wc	0.8864	0.0227	0.6577	0.8598	0.1039
trec45-wc	0.9130	0.0174	0.8140	0.8981	0.0773
tuandromd	0.9954	0.0046	0.9927	0.9853	0.0239
turkish	0.8000	0.1000	0.8026	0.7333	0.2360
tvnews1%	0.9231	0.0769	0.9174	0.8305	0.3295
tvnews10%	0.8851	0.1149	0.8754	0.7500	0.4823
ur3_cobotops_grip	0.9741	0.0259	0.7527	0.4744	0.4158
ur3_cobotops_stop	0.9714	0.0286	0.7480	0.4209	0.3102
urban	0.8209	0.0398	0.8392	0.7904	0.1454

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7738	0.1131	0.7213	0.6926	0.1907
vehicleVAN	0.9643	0.0357	0.9519	0.9032	0.2250
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6970	0.0551	0.7269	0.6667	0.1924
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.8077	0.0192	0.5903	0.7827	0.1377
warpar10p	0.6923	0.0615	0.6055	0.6533	0.0920
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9235	0.0219	0.9224	0.9105	0.0918
watch-gyr1%	0.9180	0.0234	0.9154	0.9042	0.1003
water_pollution	0.2867	0.3567	0.2848	0.0479	0.8388
waveform	0.8520	0.0987	0.8523	0.7780	0.3450
weather-related	0.9750	0.0045	0.9769	0.9716	0.0293
web-phishing	0.8667	0.0889	0.8122	0.7642	0.3931
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9814	0.0186	0.8938	0.7811	0.2593
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6604	0.1132	0.3169	0.4409	0.3947
winequality-white	0.6748	0.1084	0.4434	0.4957	0.4067
wisc_bc	0.9474	0.0526	0.9478	0.8902	0.2605
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5473	0.1006	0.4394	0.4142	0.3866
yeastCYT-POX	0.9592	0.0408	0.7394	0.4787	0.5697
yeastEXC	0.9527	0.0473	0.4879	-0.0237	0.6093
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9459	0.0541	0.6024	0.1766	0.5813

Table 518: Detailed results for RF(SK)^{CV} Noise 10%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1319	0.0755	0.1536	0.0844	0.6619
abalone19	0.9785	0.0215	0.4946	-0.0097	0.4194
abalone9-18	0.8904	0.1096	0.5745	0.1437	0.6214
accelerometer	0.9797	0.0203	0.7452	0.4859	0.5556
accident	0.4500	0.5500	0.4497	-0.1000	1.0000
ads	0.9726	0.0274	0.9419	0.8830	0.2343
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1431_KlekotaRothFingerprinter	0.8016	0.1984	0.4449	-0.1084	0.6801
AID_1431_MACCSFingerprinter	0.8889	0.1111	0.4706	-0.0389	0.6812
AID_1878	0.7619	0.2381	0.4775	-0.0371	0.8340
AID_602330	0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7778	0.2222	0.5355	0.0710	0.7839
AID1284red	0.8611	0.1389	0.6850	0.3662	0.6914
AID1608Morered	0.9029	0.0971	0.5598	0.1166	0.6834
AID1608red	0.8738	0.1262	0.4663	-0.0669	0.6366
AID362red	0.9439	0.0561	0.4856	-0.0215	0.3626
AID439Morered	1.0000	0.0000	1.0000	1.0000	0.0000
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID644Morered	0.6000	0.4000	0.5238	0.0476	0.9294
AID644red	0.7000	0.3000	0.6098	0.2105	0.8520
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
aids	0.8873	0.1127	0.8455	0.6907	0.5326
air_pollution	0.3700	0.1800	0.1857	0.0230	0.7296
alcohol	0.8476	0.0610	0.6406	0.6857	0.3818
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9488	0.0512	0.9438	0.8864	0.2600
anneal	0.8989	0.0404	0.8506	0.8125	0.2479
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9777	0.0111	0.9246	0.9575	0.1206
anuran-genus	0.9750	0.0063	0.9306	0.9591	0.1298
anuran-species	0.9833	0.0033	0.9664	0.9768	0.0499
anxiety	0.1167	0.1963	0.1097	0.0056	0.8169
apple-quality	0.8525	0.1475	0.8527	0.7050	0.5531
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.6875	0.3750	0.8278
arrhythmia	0.8000	0.0400	0.7226	0.6809	0.2439
auction	0.9853	0.0147	0.9676	0.9349	0.2023
audiology	0.8182	0.0331	0.6516	0.7885	0.0642
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8500	0.0600	0.8607	0.8058	0.1593
avila	0.9847	0.0026	0.9313	0.9801	0.1661
babies	0.3387	0.1889	0.1922	0.1176	0.7093
balance	0.8065	0.1290	0.7012	0.6788	0.3706
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8848	0.7612	0.4098
basehock	0.9799	0.0201	0.9800	0.9598	0.1294
bio10%	0.9959	0.0041	0.8755	0.7479	0.3119

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8762	0.1238	0.8682	0.7362	0.5083
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9846	0.0044	0.3911	0.2814	0.4351
body-perf	0.7358	0.1321	0.7363	0.6478	0.4047
brain-tumor	0.5100	0.4900	0.5100	0.0199	0.9943
breast-cancer	0.7143	0.2857	0.6769	0.3488	0.8025
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.7273	0.2727	0.7333	0.4590	0.7617
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.8000	0.7143	0.1503
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4260	0.3827	0.3301	-0.0230	0.7802
car	0.9138	0.0431	0.8667	0.8295	0.3833
car-insurance	0.8310	0.1690	0.8149	0.6250	0.6242
card	0.8841	0.1159	0.8810	0.7621	0.4822
cardiotocography	0.8967	0.0207	0.8893	0.8772	0.1635
cardiotocography-nsp	0.9108	0.0595	0.8324	0.7707	0.3938
cardiovascular	0.7348	0.2652	0.7363	0.4695	0.7648
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.6750	0.2167	0.5738	0.4409	0.5430
cas_N6512_cdk_ECFP2	0.7450	0.2550	0.7478	0.4918	0.7471
cas_N6512_rdkit_ATOMPAIR	0.7538	0.2462	0.7555	0.5085	0.7372
cas_N6512_RDkit_AtomPair_FP	0.7638	0.2362	0.7633	0.5262	0.7278
cas_N6512_rdkit_AVALON	0.8003	0.1997	0.8006	0.6001	0.6616
cas_N6512_RDkit_Avalon_FP	0.8067	0.1933	0.8086	0.6141	0.6433
cas_N6512_rdkit_descriptors	0.7677	0.2323	0.7680	0.5349	0.7190
cas_N6512_rdkit_FEATMORGAN	0.7588	0.2412	0.7577	0.5153	0.7370
cas_N6512_RDkit_Featmorgan_FP	0.7853	0.2147	0.7845	0.5688	0.6920
cas_N6512_RDkit_FP	0.7868	0.2132	0.7863	0.5722	0.6888
cas_N6512_rdkit_LAYERED	0.7877	0.2123	0.7892	0.5759	0.6804
cas_N6512_RDkit_Layered_FP	0.7623	0.2377	0.7612	0.5223	0.7314
cas_N6512_rdkit_MACCS	0.8031	0.1969	0.8019	0.6038	0.6600
cas_N6512_RDkit_MACCS_FP	0.7904	0.2096	0.7907	0.5802	0.6799
cas_N6512_rdkit_MORGAN	0.8123	0.1877	0.8121	0.6236	0.6403
cas_N6512_RDkit_morgan_FP	0.7730	0.2270	0.7723	0.5444	0.7129
cas_N6512_rdkit_PATTERN	0.7908	0.2092	0.7920	0.5818	0.6758
cas_N6512_RDkit_pattern_FP	0.7807	0.2193	0.7820	0.5618	0.6935
cas_N6512_rdkit_RDKITFP	0.7896	0.2104	0.7885	0.5770	0.6848
cas_N6512_rdkit_TORSION	0.7594	0.2406	0.7605	0.5190	0.7300
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7617	0.2383	0.7764	0.5255	0.6608
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9366	0.0634	0.7112	0.4072	0.5974
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.8877	0.1123	0.5844	0.1542	0.5787
central-nervous-system	1.0000	0.0000	1.0000	1.0000	0.0000
cervical-B	0.9535	0.0465	0.8208	0.6417	0.5099
cervical-C	0.9070	0.0930	0.5753	0.1506	0.6606
cervical-H	0.9070	0.0930	0.7839	0.4625	0.5000
cervical-S	0.9070	0.0930	0.7545	0.5043	0.6240
children-anemia	0.9346	0.0327	0.8915	0.9022	0.1426
chrom191%	0.9935	0.0065	0.7308	0.2652	0.3281
chrom1910%	0.9921	0.0079	0.6871	0.1803	0.2587
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8470	0.1530	0.7640	0.5280	0.6633
churn-bigml	0.9476	0.0524	0.8999	0.7984	0.4217
ci900367j_MACCS	0.6632	0.3368	0.6594	0.3141	0.8487
circles	0.9960	0.0001	0.9964	0.9960	0.0016

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cirrhosis	0.7619	0.1587	0.6744	0.5354	0.4523
cjs	0.9929	0.0024	0.9944	0.9913	0.0140
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7917	0.1042	0.6826	0.6874	0.4612
climate	0.9630	0.0370	0.8500	0.6494	0.1112
cll_sub_111	0.5833	0.2778	0.6964	0.3617	0.3679
cm1	0.8600	0.1400	0.4624	-0.0606	0.7431
cmc	0.6054	0.2630	0.5910	0.3940	0.6437
cnae-9	0.9167	0.0185	0.9208	0.9062	0.0836
codon_usage	0.9256	0.0135	0.7897	0.9094	0.1249
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9105	0.8146	0.4105
collins	0.8000	0.0267	0.8500	0.7792	0.1176
colon-tumor	0.8333	0.1667	0.8182	0.5714	0.3522
colposcopies-1	0.6897	0.3103	0.6487	0.2965	0.8532
colposcopies-2	0.6552	0.3448	0.6059	0.1808	0.8307
colposcopies-3	0.5172	0.4828	0.5025	0.0049	0.9879
colposcopies-4	0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5	0.8276	0.1724	0.6238	0.2077	0.6891
colposcopies-6	0.7241	0.2759	0.7247	0.4450	0.7779
colposcopies-c	0.8966	0.1034	0.8560	0.6692	0.2534
column-2c	0.8710	0.1290	0.8634	0.7195	0.5250
column-3c	0.7419	0.1720	0.6451	0.5804	0.3096
cottonmeloidogyne	0.7692	0.2308	0.7702	0.5388	0.7142
covtypeCD	0.9826	0.0174	0.9653	0.9292	0.2379
crabs	0.9000	0.0500	0.9000	0.8667	0.1285
creditcard_trans10%	0.9954	0.0046	0.6894	0.3140	0.4605
crowdsourced	0.9484	0.0172	0.8756	0.8946	0.1515
cryotherapy	0.5556	0.4444	0.5500	0.1000	0.9644
cultivars	0.4688	0.0332	0.4261	0.4516	0.0977
customer-churn	0.9222	0.0778	0.7181	0.2949	0.4077
cybersecurity	0.1767	0.2744	0.1778	0.0113	0.8711
cyclopentane	0.8148	0.1852	0.8118	0.6218	0.6325
cylinder-bands	0.7407	0.2593	0.7434	0.4815	0.7501
darwin	0.8889	0.1111	0.8889	0.7778	0.4633
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8090	0.1910	0.7189	0.4377	0.7262
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.7902	0.2098	0.5531	0.0991	0.7998
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.7500	0.1667	0.7132	0.5789	0.3187
dexter	0.9500	0.0500	0.9523	0.9000	0.2092
df_final	0.6250	0.2500	0.7100	0.4607	0.3634
DIA	0.8667	0.1333	0.8113	0.6098	0.5380
diabetes	0.9423	0.0577	0.9439	0.8815	0.2680
diabetes-risk	0.9063	0.0937	0.8697	0.7343	0.5080
diabetic1%	0.5000	0.3333	0.4518	0.1809	0.7384
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds_all	0.7623	0.0951	0.7544	0.6651	0.3616
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.5833	0.4167	0.5714	0.1429	0.9438
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9304	0.0696	0.7695	0.5198	0.4978

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dota210%	0.5738	0.4262	0.5719	0.1437	0.9510
drebin	0.9802	0.0198	0.9789	0.9578	0.1354
dropout	0.7698	0.1535	0.7124	0.6247	0.4562
drug-01	0.2979	0.2006	0.2414	0.0508	0.8468
drug-02	0.4362	0.1611	0.2515	0.2385	0.8090
drug-03	0.5532	0.1489	0.2541	0.1828	0.5701
drug-04	0.3830	0.1763	0.2410	0.1622	0.8418
drug-05	0.6277	0.1064	0.1259	-0.0319	0.7602
drug-06	0.4043	0.1702	0.2993	0.2775	0.6231
drug-07	0.3670	0.2110	0.1764	0.0477	0.8303
drug-08	0.3936	0.1733	0.2160	0.1458	0.7983
drug-09	0.7926	0.0691	0.2004	0.1306	0.4190
drug-10	0.4840	0.1474	0.2489	0.2178	0.7478
drug-11	0.7394	0.0745	0.2875	0.1811	0.7023
drug-12	0.6649	0.1117	0.1992	0.0876	0.7009
drug-13	0.5479	0.1292	0.1832	0.2651	0.7250
drug-14	0.5319	0.1337	0.3421	0.3223	0.7121
drug-15	0.5904	0.1170	0.2307	0.1631	0.8482
drug-16	0.5319	0.1560	0.3140	0.3267	0.5542
drug-17	0.2819	0.2052	0.1974	0.1013	0.7888
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.6011	0.1140	0.1917	0.1791	0.7352
drybean	0.9170	0.0237	0.9304	0.8996	0.1358
ecoli	0.8824	0.0392	0.7465	0.8359	0.1288
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.7576	0.2424	0.6474	0.2281	0.5602
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2500	0.3750	0.2506	0.0004	0.8448
eeg-eye	0.8992	0.1008	0.8980	0.7956	0.4327
eeg10%	0.4501	0.0687	0.4554	0.3958	0.6042
eucalyptus	0.6164	0.1534	0.6029	0.5145	0.3937
euthyroid	0.9652	0.0348	0.9031	0.8061	0.3831
fakenews	0.5550	0.4450	0.5549	0.1097	0.9648
farm-ads	0.8937	0.1063	0.8947	0.7849	0.4238
fbis-wc	0.8577	0.0167	0.8299	0.8395	0.1190
fertility	0.7000	0.3000	0.7143	0.2857	0.4422
finance	0.5490	0.4510	0.5464	0.0928	0.9673
financial-risk	0.8865	0.0378	0.6990	0.8200	0.1828
fishcatch	0.8125	0.0625	0.8486	0.7659	0.1160
flags	0.6000	0.1143	0.4035	0.5000	0.2657
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gastrointestinal	0.8125	0.1250	0.8305	0.6981	0.2631
gender	0.5726	0.2849	0.4519	0.1646	0.7179
gene	0.9306	0.0463	0.9204	0.8889	0.1987
german	0.7100	0.2900	0.6716	0.3409	0.8264
gestures	0.9195	0.0402	0.9197	0.8927	0.1790
gina	0.9539	0.0461	0.9542	0.9078	0.2461
glass	0.9048	0.0317	0.8902	0.8731	0.1287
glass-g2	1.0000	0.0000	1.0000	1.0000	0.0000
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	1.0000	0.0000	1.0000	1.0000	0.0000
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	1.0000	0.0000	1.0000	1.0000	0.0000
glassVWFP	0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8813	0.7590	0.4804
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.5333	0.2333	0.5784	0.3750	0.5025
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6867	0.3684	0.7853
har	0.9949	0.0020	0.9943	0.9936	0.0139
har701%	0.9106	0.0255	0.5755	0.8702	0.2382
harth1%	0.8666	0.0222	0.6077	0.8197	0.3094
hayes-roth	0.6250	0.2500	0.6905	0.4074	0.3966
hcc-survival	0.7059	0.2941	0.7043	0.4056	0.8063
health-activity	0.7700	0.1150	0.2892	0.0519	0.2818
heart	0.7407	0.2593	0.7264	0.4392	0.7429
heart-attack	0.7419	0.2581	0.7542	0.4918	0.7133
heart-c	0.9000	0.1000	0.9009	0.8000	0.4259
heart-failure	0.9840	0.0160	0.9814	0.9625	0.0939
heart-quantum	0.9000	0.1000	0.9083	0.8000	0.3522
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hERG-121inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	1.0000	0.0000	1.0000	1.0000	0.0000
higgs0.1%	0.6773	0.3227	0.6757	0.3514	0.8500
higher	0.2857	0.1786	0.1852	0.1515	0.2835
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.8438	0.1562	0.8444	0.6875	0.5712
hiv1-proteasa	0.8938	0.1062	0.8305	0.6553	0.5725
hiva	0.9409	0.0591	0.5537	0.1074	0.6218
horse	0.6667	0.2222	0.6890	0.4316	0.4608
hotel-reservartions	0.9008	0.0992	0.8880	0.7759	0.4592
hr	0.8526	0.1474	0.5442	0.0473	0.6180
ht-sensor10%	0.9988	0.0008	0.9989	0.9982	0.0063
htru2	0.9726	0.0274	0.9189	0.8378	0.3427
hypothyroid	0.9708	0.0146	0.7034	0.8452	0.3584
hypothyroidT	0.9841	0.0159	0.9513	0.8976	0.3202
ilpd	0.6441	0.3559	0.5737	0.1473	0.8927
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.7769	0.2231	0.6587	0.3165	0.7722
jvowels	0.9699	0.0067	0.9681	0.9659	0.0517
kc1	0.8294	0.1706	0.6846	0.3690	0.7243
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6154	0.1538	0.3101	0.2935	0.3857
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.7692	0.2308	0.6769	0.3514	0.7685
kdc-4007	0.7830	0.0620	0.7856	0.7468	0.3208
kddcup981%	0.9368	0.0632	0.4837	-0.0179	0.5722
kepler	0.8964	0.0690	0.8597	0.8293	0.2021
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7348	0.0295	0.7064	0.7064	0.4638
krvskp	0.9687	0.0313	0.9692	0.9373	0.1732
la1s-wc	0.8698	0.0434	0.8491	0.8361	0.2141
la2s-wc	0.8808	0.0397	0.8637	0.8506	0.2107
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7941	0.0179	0.7539	0.7830	0.0531

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.7500	0.0556	0.7773	0.7159	0.1369
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9480	0.0040	0.9482	0.9459	0.0608
leukemia	0.7143	0.1905	0.8046	0.5882	0.1887
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8611	0.0185	0.8694	0.8509	0.0659
liver	0.6176	0.3824	0.6617	0.2801	0.7579
loan	0.9906	0.0094	0.9900	0.9801	0.0758
localization10%	0.6117	0.0706	0.4554	0.5325	0.6955
lrs	0.8113	0.0539	0.6569	0.7459	0.2389
lung	0.9048	0.0381	0.8789	0.7981	0.0857
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.7500	0.2500	0.7501	0.5000	0.7496
magic04	0.8795	0.1205	0.8667	0.7329	0.5042
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8750	0.1250	0.7450	0.4897	0.6498
maternal	0.7129	0.1914	0.7158	0.5665	0.4978
math	0.8500	0.0750	0.8562	0.7818	0.2412
mba	0.7726	0.1516	0.4933	0.4116	0.5628
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2233	0.3107	0.2234	0.0277	0.8576
messidor	0.6609	0.3391	0.6576	0.3147	0.8673
meter-A	0.6250	0.3750	0.6291	0.2500	0.8686
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8889	0.0556	0.8784	0.8448	0.1220
mfeat-fac	0.9800	0.0040	0.9806	0.9778	0.0251
mfeat-fou	0.7850	0.0430	0.7821	0.7611	0.1736
mfeat-kar	0.9700	0.0060	0.9712	0.9667	0.0375
mfeat-mor	0.7150	0.0570	0.7158	0.6833	0.1981
mfeat-pix	0.9750	0.0050	0.9758	0.9722	0.0311
mfeat-zer	0.7650	0.0470	0.7719	0.7389	0.1578
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5464	0.4475	0.4491
mobile	0.9615	0.0014	0.9649	0.9608	0.0177
monks-1	0.9636	0.0364	0.9648	0.9272	0.1675
monks-2	0.9016	0.0984	0.8911	0.7821	0.4496
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4911	0.0925	0.5385	0.4124	0.5671
musk	0.9561	0.0439	0.9122	0.8196	0.2733
MUT_ci300400a_cdk_ECFP2	0.7818	0.2182	0.7819	0.5599	0.6909
MUT_ci300400a_cdk_ECFP4	0.8072	0.1928	0.8065	0.6099	0.6475
MUT_ci300400a_cdk_ECFP6	0.8024	0.1976	0.8003	0.5989	0.6606
MUT_ci300400a_cdk_ESTATE	0.7386	0.2614	0.7422	0.4774	0.7493
MUT_ci300400a_cdk_EXTENDED	0.8369	0.1631	0.8341	0.6674	0.5944

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_FCFP2	0.7593	0.2407	0.7598	0.5154	0.7264
MUT_ci300400a_cdk_MACCS	0.8118	0.1882	0.8076	0.6149	0.6473
MUT_ci300400a_cdk_PUBCHEM	0.8407	0.1593	0.8395	0.6767	0.5819
MUT_ci300400a_rdkit_descriptors	0.8271	0.1729	0.8245	0.6485	0.6146
myocardial	0.8882	0.0279	0.3928	0.4571	0.1532
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.6667	0.1111	0.6061	0.6000	0.1254
ncRNA1%	0.8401	0.0168	0.4423	0.6365	1.0000
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.2778	0.4815	0.2556	-0.1467	0.8248
nursery	0.9769	0.0116	0.9535	0.9662	0.0977
obesity	0.9242	0.0217	0.9253	0.9114	0.0953
obs	0.9537	0.0231	0.9653	0.9323	0.1062
occupancy	0.9917	0.0083	0.9886	0.9770	0.1025
Occupancy_Estimation	0.9921	0.0039	0.9731	0.9760	0.0314
oh0-wc	0.9010	0.0198	0.9072	0.8880	0.1003
oh10-wc	0.8095	0.0381	0.7914	0.7841	0.1734
oh15-wc	0.8804	0.0239	0.8833	0.8641	0.1230
oh5-wc	0.8791	0.0242	0.8917	0.8634	0.1219
olive	0.9474	0.0117	0.9385	0.9343	0.0333
optdigits	0.9573	0.0085	0.9591	0.9525	0.0614
optdigitsZ	0.9982	0.0018	0.9945	0.9889	0.0098
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9565	0.0435	0.4889	-0.0131	0.5523
ozone8hr	0.8893	0.1107	0.5352	0.0681	0.7018
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8557	0.1443	0.8452	0.6877	0.5673
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8889	0.1111	0.8925	0.7787	0.4355
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.8625	0.8597	0.3770
parkinson	0.9917	0.0083	0.9915	0.9828	0.0670
parkinsons	0.8863	0.1137	0.8783	0.7560	0.4776
parkinsons-small	0.7895	0.2105	0.8155	0.5682	0.5164
particle10%	0.9154	0.0846	0.8973	0.7939	0.4362
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.9189	0.0811	0.7140	0.4269	0.6301
pcmac	0.4897	0.5103	0.4726	-0.0547	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.9211	0.0789	0.8939	0.7647	0.2161
pediatric-leukemia	0.7941	0.0588	0.7244	0.7441	0.1659
pendigits	0.9900	0.0020	0.9899	0.9889	0.0184
period	0.7778	0.2222	0.7568	0.4000	0.4011
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
persistency	0.8309	0.1691	0.8210	0.6419	0.6173
pet-adoption	0.9050	0.0950	0.8952	0.7892	0.4470
phishing	0.9592	0.0408	0.9571	0.9140	0.2301
phone-acc0.1%	0.8484	0.0433	0.8406	0.8227	0.1547
phone-gyr0.1%	0.8701	0.0371	0.8645	0.8479	0.1572
phoneme	0.9019	0.0981	0.8835	0.7653	0.4762
pima	0.7368	0.2632	0.7195	0.4362	0.7761
pirvision	0.9837	0.0109	0.9708	0.9502	0.1647
placement	0.7910	0.2090	0.7869	0.5734	0.6856
plant-growth	0.7368	0.2632	0.7360	0.4693	0.7643
plrx	0.6111	0.3889	0.3793	-0.1887	0.9536
poker1%	0.5180	0.1377	0.2561	0.1069	0.6115

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-1st	0.9559	0.0441	0.5386	0.0473	0.5209
polish-2nd	0.9587	0.0413	0.6071	0.1466	0.4720
polish-3rd	0.9476	0.0524	0.5500	0.0541	0.4921
polish-4th	0.9551	0.0449	0.7367	0.4541	0.5012
polish-5th	0.9425	0.0575	0.7475	0.4847	0.5353
post-operative	0.5556	0.4444	0.3571	-0.2000	0.9762
pred-tox_mutagen_ref-desc	0.8088	0.1912	0.8090	0.6176	0.6466
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4848	0.0793	0.4642	0.4316	0.2404
profb	0.6866	0.3134	0.6489	0.2976	0.8512
promoters	0.8000	0.2000	0.7917	0.5833	0.6737
prostate	0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9855	0.0058	0.9706	0.9806	0.0491
pulsar	0.9792	0.0208	0.9387	0.8774	0.2830
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%	0.7630	0.0116	0.5640	0.7406	0.3060
re0-wc	0.8133	0.0287	0.8695	0.7718	0.2719
re1-wc	0.8253	0.0140	0.7248	0.8059	0.2244
rejafada	0.9799	0.0201	0.8958	0.7678	0.4822
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.7892	0.0088	0.5799	0.7322	0.6202
rice	0.9863	0.0137	0.9862	0.9722	0.0934
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.7126	0.2874	0.7091	0.4160	0.8007
satimage	0.9067	0.0311	0.8937	0.8850	0.1559
satimageF	0.9876	0.0124	0.9690	0.9374	0.2071
satimageT	0.9456	0.0544	0.8453	0.6899	0.4680
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.4412	0.5588	0.4411	-0.1176	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9048	0.0635	0.9077	0.8571	0.1773
segment	0.9654	0.0099	0.9695	0.9595	0.0465
segmentation	0.8465	0.1535	0.8372	0.6726	0.5849
segmentO	0.9827	0.0173	0.9681	0.9342	0.2317
seismic	0.8876	0.1124	0.6567	0.2980	0.6291
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8447	0.1553	0.5679	0.1187	0.7302
sens-2-gram	0.8684	0.1316	0.6295	0.2097	0.6277
sens-3-gram	0.8868	0.1132	0.6935	0.2783	0.4458
sens-4-gram	0.8658	0.1342	0.6230	0.2031	0.6456
sens-5-gram	0.8763	0.1237	0.6495	0.2111	0.5343
sens-6-gram	0.8632	0.1368	0.6036	0.1584	0.6406
sens-7-gram	0.8711	0.1289	0.6270	0.1776	0.5710
sens-8-gram	0.8289	0.1711	0.6026	0.2043	0.7516
sepsis	0.5574	0.4426	0.5870	0.0921	0.4344
shoppers	0.8897	0.1103	0.8016	0.6010	0.6031
shuttle	0.9795	0.0059	0.6605	0.9448	0.2778
sick	0.9841	0.0159	0.9357	0.8715	0.2771
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9931	0.0069	0.9897	0.9792	0.0974
smarket	0.9920	0.0080	0.9921	0.9840	0.0544
smart-farming	0.1000	0.4500	0.0998	-0.2032	0.9217
smk_can_187	0.5789	0.4211	0.5778	0.1556	0.9466
soil_pollution	0.2033	0.3187	0.2023	0.0035	0.8703
solar-flare	0.7266	0.0911	0.6530	0.6587	0.2690

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9706	0.0031	0.9809	0.9678	0.0165
spam-detection	0.9520	0.0480	0.8790	0.7483	0.4862
spambase	0.9435	0.0565	0.9408	0.8816	0.2963
spect	0.5600	0.4400	0.4347	-0.1224	0.8279
spectf	0.8286	0.1714	0.7900	0.5800	0.6541
spectrometer	0.6154	0.0285	0.5466	0.5923	0.1297
splice-EI	0.9716	0.0284	0.9622	0.9244	0.2028
splice-IE	0.9211	0.0789	0.8925	0.7847	0.4403
sport-articles	0.8100	0.1900	0.8002	0.5992	0.6575
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9892	0.0108	0.9885	0.9767	0.0905
steel_industry	0.9170	0.0554	0.8963	0.8655	0.2095
steel-b	0.8667	0.1333	0.8108	0.6190	0.6100
steel-d	0.9795	0.0205	0.8028	0.5899	0.3873
steel-k	0.9795	0.0205	0.9685	0.9371	0.1800
steel-o	0.8205	0.1795	0.8006	0.6008	0.6454
steel-p	0.9231	0.0769	0.7374	0.4744	0.6071
steel-s	0.9744	0.0256	0.8470	0.6925	0.4821
steel-z	0.9744	0.0256	0.9334	0.8638	0.3518
stock	0.9167	0.0833	0.8637	0.7266	0.5006
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9920	0.0080	0.9919	0.9838	0.0642
stress	0.9841	0.0063	0.9845	0.9801	0.0233
student-lifestyle	0.5650	0.1740	0.3688	0.3409	0.5124
student-habits	0.3200	0.2720	0.2255	0.0108	0.8069
student-weekend	0.2769	0.2892	0.2288	0.0571	0.7221
student-workday	0.6719	0.1313	0.1965	0.1899	0.3503
studentap	0.4615	0.3590	0.4775	0.2018	0.6900
susy1%	0.8016	0.1984	0.8000	0.5971	0.6540
tae	0.4667	0.3556	0.4714	0.2000	0.6597
telco-churn	0.9006	0.0994	0.8717	0.7434	0.4825
texture	0.9818	0.0033	0.9830	0.9800	0.0269
theorem	0.9967	0.0033	0.9967	0.9933	0.0312
thoracic	0.7447	0.2553	0.4964	-0.0071	0.8042
thrombin	0.9648	0.0352	0.6362	0.2680	0.5871
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.9684	0.0316	0.9645	0.9288	0.1892
tis10%	0.8881	0.1119	0.8413	0.6680	0.4588
titanic	0.7273	0.2727	0.6952	0.3896	0.8004
tourist	0.6250	0.1500	0.2894	0.4146	0.1775
tox_171	0.6471	0.1765	0.6708	0.5321	0.2107
toxicity	0.6471	0.3529	0.5858	0.1639	0.8952
toxicity-13f	0.6471	0.3529	0.5858	0.1639	0.8952
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6267	0.3733	0.5580	0.1117	0.8488
trec11-wc	0.9268	0.0163	0.8181	0.9101	0.0538
trec12-wc	0.9677	0.0081	0.9812	0.9612	0.0265
trec21-wc	0.9091	0.0364	0.5484	0.8096	0.1441
trec23-wc	0.9048	0.0317	0.7652	0.8654	0.0775
trec31-wc	0.9570	0.0143	0.9586	0.9429	0.0769
trec41-wc	0.9432	0.0114	0.9403	0.9309	0.0700
trec45-wc	0.9275	0.0145	0.8234	0.9153	0.0651
tuandromd	0.9749	0.0251	0.9624	0.9229	0.2460
turkish	0.7750	0.1125	0.7724	0.7000	0.2167
tvnews1%	0.9385	0.0615	0.9338	0.8656	0.2918
tvnews10%	0.8982	0.1018	0.8905	0.7810	0.4527

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_grip	0.9633	0.0367	0.7373	0.4717	0.5760
ur3_cobotops_stop	0.9714	0.0286	0.8161	0.6293	0.5231
urban	0.8657	0.0299	0.8832	0.8427	0.1267
urinalysis	0.8881	0.1119	0.6888	0.3329	0.5743
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7976	0.1012	0.7480	0.7243	0.2331
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.5859	0.0753	0.6122	0.5444	0.2307
vowelZ	0.9697	0.0303	0.9024	0.7843	0.0972
wap-wc	0.8077	0.0192	0.6794	0.7865	0.1590
warpar10p	0.7692	0.0462	0.7059	0.7400	0.0732
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9514	0.0139	0.9501	0.9432	0.0775
watch-gyr1%	0.9364	0.0182	0.9347	0.9257	0.0894
water_pollution	0.2467	0.3767	0.2454	-0.0051	0.8601
waveform	0.8480	0.1013	0.8483	0.7720	0.3543
weather-related	0.9692	0.0056	0.9720	0.9652	0.0508
web-phishing	0.8444	0.1037	0.8086	0.7338	0.4303
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9752	0.0248	0.8795	0.7562	0.4497
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6164	0.1279	0.3114	0.4092	0.5138
winequality-white	0.5971	0.1343	0.4378	0.4165	0.5769
wisc_bc	0.9298	0.0702	0.9321	0.8550	0.3064
yale	0.6875	0.0417	0.6923	0.6667	0.0594
yeast	0.5878	0.0916	0.4741	0.4728	0.4678
yeastCYT-POX	0.9184	0.0816	0.4787	-0.0426	0.6182
yeastEXC	0.9392	0.0608	0.5817	0.1527	0.5461
yeastME1	0.9797	0.0203	0.8759	0.7176	0.5112
yeastME2	0.9527	0.0473	0.7194	0.4370	0.5750

Table 519: Detailed results for SVC^{CV} Noise 10%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1679	0.0724	0.1090	0.0685	0.4534
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accident	0.4500	0.5500	0.4475	-0.1000	1.0000
ads	0.9817	0.0183	0.9613	0.9213	0.1335
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8286	0.1714	0.6678	0.0834	0.3221
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.6500	0.3500	0.3939	-0.0938	0.8482
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8779	0.1221	0.8263	0.6462	0.5305
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8476	0.0610	0.5662	0.6337	0.2269
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8558	0.1442	0.8403	0.6798	0.5623
anneal	0.9551	0.0180	0.9537	0.9076	0.1272
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9847	0.0076	0.9523	0.9709	0.0441
anuran-genus	0.9903	0.0024	0.9723	0.9840	0.0179
anuran-species	0.9875	0.0025	0.9758	0.9826	0.0388
anxiety	0.1167	0.1963	0.1062	0.0054	0.7924
apple-quality	0.9025	0.0975	0.9025	0.8050	0.4249
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.7333	0.0533	0.5351	0.5296	0.1602
auction	0.9216	0.0784	0.8043	0.5940	0.4768
audiology	0.9545	0.0083	0.9705	0.9463	0.0239
audit-risk	0.9487	0.0513	0.9465	0.8929	0.2780
autism-adolescent	0.9091	0.0909	0.9052	0.7925	0.2605
autism-adult	0.9857	0.0143	0.9820	0.9633	0.0649
autism-child	0.9655	0.0345	0.9665	0.9308	0.1598
autos	0.9500	0.0200	0.9583	0.9353	0.0602
babies	0.4597	0.1544	0.1523	0.1481	0.4669
balance	0.9032	0.0645	0.6228	0.8178	0.1771
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.9124	0.0876	0.9061	0.8022	0.3255
basehock	0.9497	0.0503	0.9498	0.8995	0.2655
biodeg	0.8476	0.1524	0.8372	0.6738	0.5763
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
body-perf	0.7142	0.1429	0.7169	0.6189	0.4303
brain-tumor	0.5210	0.4790	0.5210	0.0420	0.9876
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.8182	0.1818	0.8358	0.6207	0.4011
breast-cancer-ma	0.5455	0.4545	0.5345	0.0678	0.9704
breast-tissue	0.7273	0.0909	0.7490	0.6733	0.1057
bridges	0.8000	0.0667	0.6525	0.6970	0.0841
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.6291	0.2500	0.8686
cancer	0.9855	0.0145	0.9844	0.9684	0.1146
cancer-uae	0.4920	0.3387	0.2198	-0.0018	0.3565
car	0.9655	0.0172	0.9634	0.9282	0.1593
car-insurance	0.8340	0.1660	0.8037	0.6065	0.6279
card	0.8406	0.1594	0.8400	0.6774	0.5801
cardiotocography	0.8122	0.0376	0.7660	0.7725	0.1753
cardiotocography-nsp	0.9014	0.0657	0.7966	0.7166	0.2785
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.6481	0.4921	0.5231
cas_N6512_cdk_ECFP2	0.7757	0.2243	0.7746	0.5491	0.7091
cas_N6512_rdkit_ATOMPAIR	0.7554	0.2446	0.7553	0.5098	0.7402
cas_N6512_RDkit_AtomPair_FP	0.7592	0.2408	0.7577	0.5154	0.7367
cas_N6512_rdkit_AVALON	0.7865	0.2135	0.7847	0.5686	0.6884
cas_N6512_RDkit_Avalon_FP	0.8206	0.1794	0.8195	0.6391	0.6256
cas_N6512_rdkit_descriptors	0.7615	0.2385	0.7604	0.5208	0.7326
cas_N6512_rdkit_FEATMORGAN	0.7788	0.2212	0.7772	0.5544	0.7040
cas_N6512_RDkit_Featmorgan_FP	0.7960	0.2040	0.7947	0.5893	0.6731
cas_N6512_RDkit_FP	0.7761	0.2239	0.7749	0.5497	0.7086
cas_N6512_rdkit_LAYERED	0.7969	0.2031	0.7965	0.5926	0.6702
cas_N6512_RDkit_Layered_FP	0.7715	0.2285	0.7696	0.5388	0.7155
cas_N6512_rdkit_MACCS	0.8077	0.1923	0.8061	0.6113	0.6484
cas_N6512_RDkit_MACCS_FP	0.7966	0.2034	0.7957	0.5913	0.6716
cas_N6512_rdkit_MORGAN	0.8138	0.1862	0.8125	0.6236	0.6345
cas_N6512_RDkit_morgan_FP	0.8067	0.1933	0.8053	0.6092	0.6483
cas_N6512_rdkit_PATTERN	0.7908	0.2092	0.7915	0.5814	0.6776
cas_N6512_RDkit_pattern_FP	0.7776	0.2224	0.7772	0.5540	0.7045
cas_N6512_rdkit_TORSION	0.7719	0.2281	0.7716	0.5426	0.7136
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7927	0.2073	0.7715	0.5428	0.6983
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.7090	0.4142	0.6062
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.8820	0.0590	0.6610	0.8220	0.1996
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8400	0.1600	0.7157	0.3604	0.5428
churn-bigml	0.8951	0.1049	0.7589	0.4191	0.3425
ci900367j_MACCS	0.6737	0.3263	0.6553	0.3105	0.8599
cirrhosis	0.7143	0.1905	0.4898	0.3854	0.3567
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8352	0.0824	0.5999	0.7398	0.2772
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.6369	0.3023	0.4186
cm1	0.9000	0.1000	0.4737	0.0000	0.2236

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cmc	0.5510	0.2993	0.5279	0.2892	0.6834
cnae-9	0.8981	0.0226	0.9030	0.8854	0.1093
codon_usage	0.9394	0.0110	0.8007	0.9264	0.1351
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.7200	0.0373	0.5798	0.6890	0.1114
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.6207	0.3793	0.5499	0.0963	0.9266
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.6207	0.3793	0.5909	0.1671	0.8893
colposcopies-4	0.6552	0.3448	0.5685	0.1369	0.8899
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c	0.7931	0.2069	0.6736	0.2984	0.6721
column-2c	0.9355	0.0645	0.9262	0.8524	0.3445
column-3c	0.7742	0.1505	0.7007	0.6353	0.2946
cottonmeloidogyne	0.7668	0.2332	0.7668	0.5336	0.7230
covtypeCD	0.9906	0.0094	0.9798	0.9588	0.0409
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
crowdsourced	0.9613	0.0129	0.8877	0.9203	0.1371
cryotherapy	0.7778	0.2222	0.8000	0.5263	0.4308
cultivars	0.6250	0.0234	0.5619	0.6129	0.0675
cybersecurity	0.1767	0.2744	0.0500	0.0000	0.4006
cyclopentane	0.7407	0.2593	0.7360	0.4706	0.7645
cylinder-bands	0.7593	0.2407	0.7539	0.4876	0.6885
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
defect	0.8951	0.1049	0.7797	0.5212	0.4691
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.4678	0.3333	0.3577
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.8333	0.1667	0.7585	0.4595	0.5191
diabetes	0.9615	0.0385	0.9602	0.9172	0.1529
diabetic1%	0.6078	0.2614	0.4018	0.2172	0.4767
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.6667	0.3333	0.6495	0.2941	0.8617
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dota210%	0.5718	0.4282	0.5676	0.1334	0.9485
drebin	0.9843	0.0157	0.9833	0.9665	0.1086
dropout	0.7540	0.1640	0.6664	0.5835	0.4700
drug-01	0.4043	0.1702	0.1262	0.0243	0.3651
drug-02	0.5160	0.1383	0.1625	0.1133	0.4709
drug-03	0.6915	0.1028	0.2429	0.0387	0.2793
drug-04	0.5532	0.1277	0.2223	0.1363	0.3680
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2458	0.2669	0.4220
drug-07	0.4202	0.1933	0.2138	0.0006	0.3742
drug-08	0.5904	0.1170	0.2184	0.1649	0.2753
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5585	0.1261	0.1570	0.1268	0.3462

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1769	0.2500	0.3179
drug-14	0.5957	0.1155	0.2395	0.2295	0.4172
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5638	0.1454	0.2997	0.2764	0.5317
drug-17	0.3830	0.1763	0.1384	0.1299	0.4216
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9317	0.0195	0.9436	0.9173	0.1130
ecoli	0.8235	0.0588	0.6893	0.7521	0.1465
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU	0.9091	0.0909	0.7649	0.5217	0.6161
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2065	-0.0521	0.8678
eeg-eye	0.9039	0.0961	0.9028	0.8056	0.4228
eeg10%	0.4281	0.0715	0.4328	0.3633	0.5392
eucalyptus	0.6438	0.1425	0.6220	0.5431	0.3830
euthyroid	0.9684	0.0316	0.9051	0.8043	0.2574
fakenews	0.4950	0.5050	0.4950	-0.0099	1.0000
fbis-wc	0.8049	0.0230	0.7398	0.7770	0.1714
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9216	0.0784	0.9251	0.8391	0.2605
financial-risk	0.8480	0.0507	0.5480	0.7558	0.2133
fishcatch	1.0000	0.0000	1.0000	1.0000	0.0000
flags	0.7500	0.0714	0.4665	0.6795	0.1723
forest	0.9038	0.0481	0.8886	0.8672	0.1487
gastrointestinal	0.8750	0.0833	0.8741	0.7949	0.2147
gender	0.6021	0.2653	0.3785	0.1370	0.5066
gene	0.9211	0.0526	0.9146	0.8743	0.2403
german	0.7200	0.2800	0.6712	0.3017	0.7423
gestures	0.8759	0.0621	0.8767	0.8345	0.2465
gina	0.9395	0.0605	0.9398	0.8788	0.2990
glass	0.7143	0.0952	0.6880	0.5896	0.2365
glass-g2	0.7500	0.2500	0.7333	0.4667	0.7630
glassBWFP	0.7143	0.2857	0.7175	0.2921	0.4528
glassBWNFP	0.8095	0.1905	0.7921	0.5000	0.3750
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9524	0.0476	0.9340	0.8591	0.1529
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	1.0000	0.0000	1.0000	1.0000	0.0000
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8571	0.1429	0.8571	0.7108	0.5408
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.5333	0.2333	0.5777	0.3598	0.4199
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
har	0.9842	0.0063	0.9826	0.9800	0.0346
hayes-roth	0.7500	0.1667	0.7823	0.6025	0.2753
hcc-survival	0.5294	0.4706	0.4923	-0.0149	0.9858
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8090	0.5994	0.5812
heart-attack	0.8065	0.1935	0.8048	0.6043	0.6369
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9760	0.0240	0.9721	0.9435	0.1356

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-quantum	0.9200	0.0800	0.9168	0.8305	0.3495
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.9231	0.0769	0.9110	0.8060	0.4011
higgs0.1%	0.6664	0.3336	0.6640	0.3232	0.8534
higher	0.2143	0.1964	0.0833	0.0778	0.3125
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.9005	0.0995	0.8087	0.6061	0.5093
hiva	0.9645	0.0355	0.6167	0.1102	0.3399
horse	0.5556	0.2963	0.3499	0.1166	0.4893
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9771	0.0229	0.9280	0.8523	0.2052
hypothyroid	0.9576	0.0212	0.6360	0.7331	0.2764
hypothyroidT	0.9708	0.0292	0.8890	0.7513	0.0934
ilpd	0.6780	0.3220	0.4865	-0.0163	0.8299
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.9533	0.0233	0.9542	0.9378	0.0906
ionosphere	0.9429	0.0571	0.9346	0.8606	0.1858
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8118	0.1882	0.6168	0.1601	0.6357
jvowels	0.9910	0.0020	0.9903	0.9898	0.0161
kc1	0.8673	0.1327	0.7118	0.2315	0.2755
kc1-class-level-defectiveornot	0.8000	0.2000	0.7887	0.5714	0.6564
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7885	0.2115	0.6081	0.1734	0.7219
kepler	0.8818	0.0788	0.8422	0.8049	0.2130
kidney-disease	0.9750	0.0250	0.9737	0.9459	0.1112
krkopt	0.7847	0.0239	0.7316	0.7601	0.3574
krvskp	0.9843	0.0157	0.9844	0.9686	0.1069
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.7059	0.0256	0.6606	0.6906	0.0695
led24	0.7000	0.0667	0.7217	0.6591	0.1654
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9645	0.0027	0.9646	0.9631	0.0428
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8611	0.0185	0.8914	0.8511	0.0630
liver	0.6176	0.3824	0.3818	-0.1106	0.8798
loan	0.9251	0.0749	0.9198	0.8381	0.3470
localization10%	0.6784	0.0585	0.4093	0.5838	0.3622
lrs	0.8679	0.0377	0.6419	0.8154	0.0891
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.9500	0.0200	0.7933	0.8895	0.0419
lung-cancer-harvard2	0.9444	0.0556	0.9186	0.8235	0.4011
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
magic04	0.8738	0.1262	0.8603	0.7076	0.4546
malware	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mammography	0.8229	0.1771	0.8225	0.6449	0.6199
marketing	0.8973	0.1027	0.7717	0.4258	0.2350
maternal	0.7822	0.1452	0.7831	0.6696	0.4413
math	0.7750	0.1125	0.6885	0.6429	0.3207
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8654	0.7778	0.1572
mental-health	0.2100	0.3160	0.0694	0.0000	0.4005
messidor	0.7130	0.2870	0.7193	0.4306	0.7803
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9850	0.0030	0.9856	0.9833	0.0187
mfeat-fou	0.8250	0.0350	0.8241	0.8056	0.1500
mfeat-kar	0.9800	0.0040	0.9805	0.9778	0.0252
mfeat-mor	0.7150	0.0570	0.7152	0.6833	0.1956
mfeat-pix	0.9850	0.0030	0.9852	0.9833	0.0188
mfeat-zer	0.8450	0.0310	0.8466	0.8278	0.0738
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.5431	0.4151	0.4661
mobile	0.8601	0.0050	0.8661	0.8576	0.0649
monks-1	0.9091	0.0909	0.9117	0.8185	0.3770
monks-2	0.8852	0.1148	0.8709	0.7369	0.4639
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5089	0.0893	0.5352	0.4000	0.4939
musk	0.9758	0.0242	0.9525	0.9025	0.1472
MUT_ci300400a_cdk_ECFP2	0.8165	0.1835	0.8110	0.6220	0.6386
MUT_ci300400a_cdk_ECFP4	0.8335	0.1665	0.8280	0.6557	0.6020
MUT_ci300400a_cdk_ECFP6	0.8000	0.2000	0.7933	0.5861	0.6692
MUT_ci300400a_cdk_ESTATE	0.7626	0.2374	0.7537	0.5062	0.7339
MUT_ci300400a_cdk_FCFP2	0.8275	0.1725	0.8216	0.6426	0.6136
MUT_ci300400a_cdk_MACCS	0.8285	0.1715	0.8225	0.6438	0.6091
MUT_ci300400a_cdk_PUBCHEM	0.8575	0.1425	0.8529	0.7055	0.5477
MUT_ci300400a_rdkit_descriptors	0.8170	0.1830	0.8119	0.6230	0.6334
myocardial	0.8588	0.0353	0.2449	0.1837	0.1160
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	0.9780	0.0220	0.9593	0.9184	0.2290
NPHA-doctor-visits	0.5000	0.3333	0.3170	-0.0133	0.6296
nursery	0.9985	0.0008	0.9918	0.9977	0.0028
obesity	0.8673	0.0379	0.8653	0.8451	0.1602
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9917	0.0083	0.9886	0.9770	0.1025
Occupancy_Estimation	0.9901	0.0049	0.9667	0.9700	0.0519
oh0-wc	0.7723	0.0455	0.7404	0.7368	0.1924
oh10-wc	0.6762	0.0648	0.6397	0.6280	0.2860
oh15-wc	0.6848	0.0630	0.6185	0.6406	0.2746
oh5-wc	0.6923	0.0615	0.6753	0.6507	0.2917
olive	0.9474	0.0117	0.9385	0.9343	0.0333
optdigits	0.9786	0.0043	0.9804	0.9763	0.0298
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9605	0.0395	0.4899	-0.0072	0.4371
ozone8hr	0.9209	0.0791	0.5712	0.0719	0.4911
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8505	0.1495	0.8303	0.6582	0.5734
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9048	0.0952	0.9068	0.8099	0.4016
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9634	0.0146	0.7855	0.7694	0.1786
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.8104	0.1896	0.8021	0.6031	0.6549
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle10%	0.9046	0.0954	0.8794	0.7573	0.4475
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.5232	0.0121	0.6724
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8684	0.1316	0.8152	0.6226	0.5508
pediatric-leukemia	0.7941	0.0588	0.7231	0.7438	0.1439
pendigits	0.9954	0.0009	0.9954	0.9949	0.0086
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
persistency	0.8017	0.1983	0.7843	0.5627	0.6596
pet-adoption	0.9250	0.0750	0.9145	0.8243	0.3269
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
phoneme	0.8796	0.1204	0.8486	0.6958	0.5249
pima	0.7237	0.2763	0.7042	0.3746	0.7278
pirvision	0.9895	0.0070	0.9777	0.9669	0.0896
placement	0.7910	0.2090	0.7835	0.5643	0.6795
plant-growth	0.7368	0.2632	0.7738	0.4571	0.4644
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5444	0.1302	0.1584	0.1256	0.3044
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6653	0.3235	0.8487
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4848	0.0793	0.3503	0.4252	0.2373
profb	0.7612	0.2388	0.7234	0.4457	0.7589
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9807	0.0077	0.9694	0.9741	0.0607
pulsar	0.9777	0.0223	0.9303	0.8558	0.1769
raisin	0.9000	0.1000	0.9001	0.8000	0.4311
re0-wc	0.7533	0.0379	0.6922	0.6816	0.4226
re1-wc	0.6867	0.0251	0.5026	0.6372	0.2504
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9789	0.0211	0.9791	0.9573	0.1091
rice	0.9868	0.0132	0.9867	0.9733	0.0874
rnaseq	0.9750	0.0100	0.9794	0.9667	0.0356
rocket	0.6604	0.3396	0.6469	0.2937	0.8742
satimage	0.8989	0.0337	0.8830	0.8748	0.1537
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9456	0.0544	0.8319	0.6266	0.2914
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.8889	0.1111	0.8333	0.6087	0.2605
schizo	0.5294	0.4706	0.5303	0.0588	0.9712
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.9394	0.0173	0.9462	0.9291	0.0736
segmentation	0.8218	0.1782	0.8046	0.6091	0.6411
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9302	0.0698	0.4819	-0.0074	0.3980
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.5897	0.0557	0.4398
shoppers	0.8921	0.1079	0.7647	0.5015	0.5251
sick	0.9523	0.0477	0.7708	0.5038	0.4060
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9988	0.0012	0.9981	0.9963	0.0247
smarket	0.9840	0.0160	0.9842	0.9680	0.0927
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.7895	0.2105	0.7978	0.5824	0.6422
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7410	0.0863	0.5720	0.6660	0.1772
sonar	0.7500	0.2500	0.7513	0.5000	0.7429
soybean	0.9853	0.0015	0.9781	0.9839	0.0053
spam-detection	0.9550	0.0450	0.8576	0.7124	0.4146
spambase	0.9043	0.0957	0.8995	0.7969	0.4095
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.6923	0.0228	0.6089	0.6742	0.0982
splice-EI	0.9621	0.0379	0.9493	0.8980	0.2343
splice-IE	0.9148	0.0852	0.8773	0.7467	0.3920
sport-articles	0.8200	0.1800	0.8030	0.6005	0.6235
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9892	0.0108	0.9885	0.9767	0.0905
steel_industry	0.8656	0.0896	0.8341	0.7814	0.2951
steel-b	0.8359	0.1641	0.7402	0.4778	0.6806
steel-d	0.9744	0.0256	0.7350	0.4328	0.4212
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7795	0.2205	0.7500	0.4956	0.7153
steel-p	0.9231	0.0769	0.6576	0.1895	0.4020
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stock	0.8958	0.1042	0.8092	0.6067	0.5125
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.9080	0.0920	0.9069	0.8138	0.4103
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6050	0.1580	0.3268	0.3548	0.4402
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.4444	0.1727	0.7144
susy1%	0.7976	0.2024	0.7988	0.5855	0.6322
tae	0.5333	0.3111	0.5755	0.3000	0.5012
telco-churn	0.9048	0.0952	0.8745	0.7461	0.4443
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.8433	0.1567	0.7719	0.4893	0.4943

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.7647	0.1176	0.7896	0.6881	0.1835
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7536	0.3929	0.4155
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.6933	0.3067	0.5365	0.0711	0.8812
trec11-wc	0.8537	0.0325	0.6823	0.8168	0.1092
trec12-wc	0.7097	0.0726	0.6447	0.6428	0.2096
trec21-wc	0.8485	0.0606	0.5007	0.6118	0.1437
trec23-wc	0.6190	0.1270	0.6479	0.4667	0.3221
trec31-wc	0.8925	0.0358	0.8684	0.8589	0.2202
trec41-wc	0.8068	0.0386	0.6577	0.7591	0.1805
trec45-wc	0.7391	0.0522	0.6589	0.6954	0.2345
tuandromd	0.9886	0.0114	0.9825	0.9643	0.1466
turkish	0.8250	0.0875	0.8287	0.7667	0.2274
tvnews1%	0.9308	0.0692	0.9264	0.8467	0.2794
tvnews10%	0.9029	0.0971	0.8947	0.7887	0.4302
ur3_cobotops_grip	0.9755	0.0245	0.7604	0.4282	0.2319
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8396	0.7901	0.1461
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9886	0.0114	0.4971	-0.0028	0.4387
vehicle	0.8214	0.0893	0.8081	0.7610	0.1755
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.9167	0.0833	0.9184	0.8235	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6364	0.0661	0.6847	0.6000	0.1906
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.7628	0.0237	0.5308	0.7353	0.1742
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8360	0.1093	0.8371	0.7541	0.3681
weather-related	0.9692	0.0056	0.9707	0.9651	0.0417
web-phishing	0.8074	0.1284	0.7411	0.6681	0.4770
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.3333	0.6667	0.2500	-0.5000	1.0000
wifi-loc	0.9900	0.0050	0.9902	0.9867	0.0215
wilt	0.9752	0.0248	0.8635	0.7261	0.4016
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6352	0.1216	0.3028	0.3994	0.3425
winequality-white	0.6278	0.1241	0.4172	0.4007	0.3861
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8125	0.0250	0.7652	0.7983	0.0407
yeast	0.5338	0.1036	0.4110	0.3961	0.3762
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.7431	0.4861	0.5498
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

Table 520: Detailed results for SVM^{CV} Noise 10%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1679	0.0724	0.1213	0.0719	0.4665
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4500	0.5500	0.4415	-0.1000	0.9904
ads	0.9695	0.0305	0.9349	0.8609	0.1018
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8122	0.1878	0.7226	0.4320	0.6897
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8381	0.0648	0.4319	0.6094	0.1544
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8605	0.1395	0.8449	0.6873	0.5433
anneal	0.9775	0.0090	0.9732	0.9524	0.0790
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9833	0.0083	0.9493	0.9682	0.0464
anuran-genus	0.9903	0.0024	0.9723	0.9840	0.0179
anuran-species	0.9833	0.0033	0.9704	0.9767	0.0224
anxiety	0.1417	0.1907	0.1147	0.0329	0.7017
apple-quality	0.9025	0.0975	0.9025	0.8050	0.4249
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7462	0.4898	0.7480
arrhythmia	0.7333	0.0533	0.5072	0.5157	0.1611
auction	0.9216	0.0784	0.8004	0.5421	0.3256
audiology	0.8182	0.0331	0.6687	0.7805	0.0789
audit-risk	0.9744	0.0256	0.9736	0.9459	0.1164
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	0.9714	0.0286	0.9639	0.9278	0.2035
autism-child	0.9655	0.0345	0.9665	0.9308	0.1598
autos	0.9000	0.0400	0.9083	0.8693	0.1058
avila	0.7954	0.0341	0.7651	0.7247	0.2991
babies	0.4355	0.1613	0.1402	0.0970	0.3740
balance	0.9194	0.0538	0.6345	0.8480	0.1272
bank	0.9094	0.0906	0.7339	0.4401	0.5429
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8894	0.1106	0.8801	0.7494	0.4102
basehock	0.8945	0.1055	0.8961	0.7890	0.4312

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bio10%	0.9918	0.0082	0.6990	0.1418	0.0328
biodeg	0.8476	0.1524	0.8372	0.6738	0.5763
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7000	0.1500	0.6998	0.6000	0.4478
brain-tumor	0.5015	0.4985	0.3340	0.0000	0.5281
breast-cancer	0.7500	0.2500	0.6518	0.2462	0.7021
breast-cancer-co	0.6364	0.3636	0.6309	0.2414	0.8512
breast-cancer-ma	0.5455	0.4545	0.5500	0.0984	0.9584
breast-tissue	0.6364	0.1212	0.5346	0.5510	0.2080
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9425	0.0287	0.8712	0.8779	0.1960
car-insurance	0.8320	0.1680	0.7995	0.5967	0.6276
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.8169	0.0366	0.7778	0.7790	0.2090
cardiotocography-nsp	0.9061	0.0626	0.8367	0.7229	0.2596
cardiovascular	0.7278	0.2722	0.7279	0.4557	0.7827
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.4727	0.3003	0.3426
cas_N6512_cdk_ECFP2	0.7742	0.2258	0.7730	0.5459	0.7118
cas_N6512_rdkit_ATOMPAIR	0.7154	0.2846	0.7136	0.4272	0.8017
cas_N6512_RDkit_AtomPair_FP	0.7301	0.2699	0.7276	0.4543	0.7797
cas_N6512_rdkit_AVALON	0.7742	0.2258	0.7725	0.5448	0.7117
cas_N6512_RDkit_Avalon_FP	0.7776	0.2224	0.7762	0.5525	0.7060
cas_N6512_rdkit_descriptors	0.7615	0.2385	0.7604	0.5208	0.7326
cas_N6512_rdkit_FEATMORGAN	0.7773	0.2227	0.7756	0.5510	0.7064
cas_N6512_RDkit_Featmorgan_FP	0.7975	0.2025	0.7960	0.5915	0.6691
cas_N6512_RDkit_FP	0.7255	0.2745	0.7230	0.4454	0.7868
cas_N6512_rdkit_LAYERED	0.7738	0.2262	0.7738	0.5468	0.7099
cas_N6512_RDkit_Layered_FP	0.7546	0.2454	0.7525	0.5044	0.7428
cas_N6512_rdkit_MACCS	0.8062	0.1938	0.8045	0.6081	0.6511
cas_N6512_RDkit_MACCS_FP	0.7966	0.2034	0.7957	0.5913	0.6716
cas_N6512_rdkit_MORGAN	0.8123	0.1877	0.8110	0.6202	0.6362
cas_N6512_RDkit_morgan_FP	0.8037	0.1963	0.8022	0.6028	0.6534
cas_N6512_rdkit_PATTERN	0.7800	0.2200	0.7785	0.5571	0.7019
cas_N6512_RDkit_pattern_FP	0.7730	0.2270	0.7722	0.5442	0.7132
cas_N6512_rdkit_RDKITFP	0.7465	0.2535	0.7447	0.4894	0.7565
cas_N6512_rdkit_TORSION	0.7719	0.2281	0.7709	0.5417	0.7153
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7254	0.2746	0.7044	0.4082	0.7976
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
CDS49_AID687_Rdkit-ecfp4-fp	0.9976	0.0024	0.4994	0.0000	0.0117
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9302	0.0698	0.4819	0.0000	0.1731
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9767	0.0233	0.8527	0.6560	0.0768
cervical-S	0.9419	0.0581	0.8046	0.5212	0.1556
children-anemia	0.8706	0.0647	0.6516	0.8044	0.2116
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom1910%	0.9991	0.0009	0.7524	0.4995	0.4563
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8470	0.1530	0.7317	0.4200	0.5773
churn-bigml	0.9176	0.0824	0.8164	0.6020	0.3980

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ci900367j_MACCS	0.7158	0.2842	0.6936	0.3862	0.8123
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.7143	0.1905	0.4898	0.3854	0.3567
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8324	0.0838	0.7085	0.7349	0.2831
climate	0.9444	0.0556	0.7607	0.3817	0.1486
cll_sub_111	0.5000	0.3333	0.5833	0.1818	0.4294
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5306	0.3129	0.4940	0.2500	0.7131
cnae-9	0.9074	0.0206	0.9116	0.8958	0.1037
codon_usage	0.9309	0.0126	0.7890	0.9160	0.1027
coil20	0.9792	0.0021	0.9799	0.9781	0.0150
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.6600	0.0453	0.5140	0.6207	0.1340
colon-tumor	0.5000	0.5000	0.3333	-0.2857	1.0000
colposcopies-1	0.6552	0.3448	0.5519	0.0584	0.7592
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.7586	0.2414	0.6848	0.1714	0.4011
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.8276	0.1724	0.8278	0.6539	0.6042
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.8387	0.1075	0.7853	0.7359	0.2503
cottonmeloidogyne	0.7788	0.2212	0.7788	0.5576	0.7025
covtypeCD	0.9677	0.0323	0.9290	0.8490	0.1360
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
creditcard_trans10%	0.9982	0.0018	0.4996	0.0000	0.0089
crowdsourced	0.9604	0.0132	0.8793	0.9187	0.1488
cryotherapy	0.6667	0.3333	0.6582	0.3077	0.8482
cultivars	0.3125	0.0430	0.2712	0.2903	0.1358
customer-churn	0.9790	0.0210	0.5985	0.0830	0.3118
cybersecurity	0.1767	0.2744	0.0503	0.0000	0.4076
cyclopentane	0.5556	0.4444	0.5429	0.0847	0.9654
cylinder-bands	0.7407	0.2593	0.7317	0.4577	0.7575
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.9231	0.0769	0.4800	0.0000	0.1858
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8227	0.1773	0.7046	0.3632	0.6246
defect	0.8951	0.1049	0.7795	0.5119	0.4433
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
deposit	0.9033	0.0967	0.7209	0.4061	0.5455
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.2564	0.0000	0.3193
dexter	0.5500	0.4500	0.5507	0.1000	0.9622
df_final	0.6875	0.2083	0.7015	0.5062	0.3593
DIA	0.8167	0.1833	0.7302	0.3889	0.5432
diabetes	0.9423	0.0577	0.9408	0.8746	0.2006
diabetes-risk	0.9000	0.1000	0.8383	0.6673	0.4730
diabetic1%	0.5882	0.2745	0.3986	0.1372	0.4016
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9747	0.9769	0.0227
diamonds_all	0.7416	0.1034	0.7231	0.6316	0.3563
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dlbcl-nih	0.6250	0.3750	0.6343	0.2603	0.8728
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9391	0.0609	0.7972	0.5584	0.3855
dota210%	0.5670	0.4330	0.5631	0.1251	0.9542
drebin	0.9843	0.0157	0.9833	0.9665	0.1086
dropout	0.7585	0.1610	0.6619	0.5888	0.4617
drug-01	0.4043	0.1702	0.1686	0.0100	0.2989
drug-02	0.5266	0.1353	0.1681	0.1190	0.4232
drug-03	0.6968	0.1011	0.2491	0.0810	0.2790
drug-04	0.5426	0.1307	0.2275	0.1075	0.3903
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.1742	0.2730	0.3614
drug-07	0.4149	0.1950	0.1351	-0.0208	0.3471
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5691	0.1231	0.1639	0.1149	0.3104
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6170	0.1094	0.1723	0.2154	0.3288
drug-14	0.5691	0.1231	0.2117	0.1558	0.4481
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5798	0.1401	0.2837	0.2627	0.4388
drug-17	0.3777	0.1778	0.2102	0.1290	0.4832
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9324	0.0193	0.9438	0.9182	0.1113
ecoli	0.7941	0.0686	0.5748	0.7105	0.1654
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU	0.8788	0.1212	0.7292	0.4359	0.6316
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2600	0.3700	0.2565	0.0115	0.7982
eeg-eye	0.8845	0.1155	0.8831	0.7661	0.4759
eeg10%	0.3976	0.0753	0.3894	0.3288	0.5725
eucalyptus	0.6712	0.1315	0.6430	0.5723	0.3979
euthyroid	0.9525	0.0475	0.8516	0.6701	0.2438
fakenews	0.4950	0.5050	0.4784	-0.0187	0.8060
farm-ads	0.8961	0.1039	0.8962	0.7903	0.4309
fbis-wc	0.7642	0.0277	0.6670	0.7307	0.1947
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8235	0.1765	0.8250	0.6366	0.5710
financial-risk	0.8275	0.0575	0.5317	0.7209	0.2958
fishcatch	0.8125	0.0625	0.6236	0.7513	0.0899
flags	0.6000	0.1143	0.3589	0.4771	0.2761
forest	0.8846	0.0577	0.8673	0.8392	0.1287
gastrointestinal	0.7500	0.1667	0.7350	0.5762	0.3954
gender	0.5937	0.2709	0.3676	0.1053	0.5060
gene	0.8991	0.0673	0.8886	0.8401	0.2608
german	0.7200	0.2800	0.6712	0.3017	0.7423
gestures	0.7971	0.1015	0.8035	0.7295	0.3425
gina	0.9193	0.0807	0.9199	0.8384	0.3641
glass	0.4762	0.1746	0.3355	0.2351	0.2590
glass-g2	0.6875	0.3125	0.6863	0.2000	0.4644
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7619	0.2381	0.7158	0.4000	0.6957
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.8571	0.1429	0.7955	0.5039	0.3038
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage	0.4667	0.2667	0.5223	0.2638	0.5041
gsalc	1.0000	0.0000	1.0000	1.0000	0.0000
haberman	0.7000	0.3000	0.5269	0.0426	0.8482
har	0.9847	0.0061	0.9832	0.9807	0.0354
har701%	0.9093	0.0259	0.5346	0.8655	0.1133
harth1%	0.8697	0.0217	0.5612	0.8215	0.1565
hayes-roth	0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival	0.5294	0.4706	0.4617	-0.0625	0.9644
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.7742	0.2258	0.7712	0.5412	0.7098
heart-c	0.9333	0.0667	0.9364	0.8649	0.2404
heart-failure	0.9420	0.0580	0.9320	0.8632	0.3036
heart-quantum	0.9200	0.0800	0.9168	0.8305	0.3495
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.6564	0.3436	0.6541	0.3077	0.8735
higher	0.2143	0.1964	0.0500	0.0128	0.3480
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8954	0.1046	0.7990	0.5879	0.5334
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.6111	0.2593	0.4162	0.2455	0.4626
hotel-reservartions	0.8663	0.1337	0.8447	0.6852	0.5280
hr	0.8632	0.1368	0.4633	0.0000	0.2767
ht-sensor10%	0.9990	0.0006	0.9991	0.9985	0.0055
htru2	0.9771	0.0229	0.9277	0.8496	0.1706
hypothyroid	0.9337	0.0332	0.5012	0.4474	0.1432
hypothyroidT	0.9416	0.0584	0.7571	0.3700	0.1541
ilpd	0.7119	0.2881	0.5598	0.0475	0.6485
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.9553	0.0223	0.9563	0.9404	0.0890
ionosphere	0.9714	0.0286	0.9686	0.9353	0.1967
iris	0.8667	0.0889	0.8676	0.7945	0.1292
irish	1.0000	0.0000	1.0000	1.0000	0.0000
jm1	0.8062	0.1938	0.4464	0.0000	0.3455
jvowels	0.9910	0.0020	0.9904	0.9898	0.0168
kc1	0.8531	0.1469	0.6744	0.0982	0.2917
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.7692	0.0923	0.5122	0.4868	0.2637
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6501	0.2145	0.6041
kdc-4007	0.8204	0.0513	0.8240	0.7904	0.2653
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kepler	0.8651	0.0900	0.8215	0.7769	0.2329
kidney	0.7999	0.0800	0.1778	0.0000	0.1702
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7198	0.0311	0.6976	0.6864	0.2926
krvskp	0.9655	0.0345	0.9655	0.9309	0.2024
la1s-wc	0.8286	0.0571	0.7973	0.7840	0.2923

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
la2s-wc	0.8344	0.0552	0.8082	0.7908	0.2700
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6799	0.6597	0.0871
led24	0.7000	0.0667	0.7217	0.6591	0.1654
lenses	0.3333	0.4444	0.1667	0.0000	0.4167
letter	0.9555	0.0034	0.9558	0.9537	0.0499
leukemia	0.7143	0.1905	0.7222	0.5758	0.3100
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8056	0.0259	0.8294	0.7914	0.0863
linkage1%	0.9997	0.0003	0.9755	0.9498	0.0022
liver	0.6765	0.3235	0.4035	0.0000	0.4580
loan	0.9227	0.0773	0.9176	0.8320	0.3407
localization10%	0.6790	0.0584	0.4045	0.5847	0.3701
lrs	0.8302	0.0485	0.4864	0.7646	0.1269
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9500	0.0200	0.7652	0.8964	0.0232
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.7778	0.2222	0.7750	0.5500	0.7072
lymphography	0.7857	0.1429	0.5520	0.6000	0.2821
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5423	0.4577	0.5423	0.0846	0.9735
magic04	0.8585	0.1415	0.8422	0.6820	0.5496
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8432	0.6850	0.5699
marketing	0.8795	0.1205	0.7151	0.3013	0.3842
maternal	0.6238	0.2508	0.6216	0.4214	0.5749
math	0.8000	0.1000	0.7462	0.6784	0.2352
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2333	0.3067	0.1315	0.0307	0.5304
messidor	0.6783	0.3217	0.6841	0.3616	0.8267
meter-A	0.7500	0.2500	0.8000	0.5294	0.5000
meter-B	1.0000	0.0000	1.0000	1.0000	0.0000
meter-C	0.6111	0.1944	0.4444	0.4449	0.2358
meter-D	0.7778	0.1111	0.6252	0.6828	0.2443
mfeat-fac	0.9700	0.0060	0.9706	0.9667	0.0351
mfeat-fou	0.8300	0.0340	0.8278	0.8111	0.1611
mfeat-kar	0.9800	0.0040	0.9801	0.9778	0.0254
mfeat-mor	0.7300	0.0540	0.7363	0.7000	0.1861
mfeat-pix	0.9700	0.0060	0.9711	0.9667	0.0375
mfeat-zer	0.8550	0.0290	0.8544	0.8389	0.1000
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.4706	0.2118	0.5235	0.3405	0.4950
mobile	0.8217	0.0064	0.8336	0.8184	0.0820
monks-1	0.9091	0.0909	0.9094	0.8182	0.4028
monks-2	0.9016	0.0984	0.8896	0.7771	0.4287
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5117	0.0888	0.5154	0.4051	0.5003
musk	0.9227	0.0773	0.8398	0.6357	0.2727
MUT_ci300400a_cdk_ECFP2	0.8189	0.1811	0.8134	0.6266	0.6335

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_ECFP4	0.7892	0.2108	0.7824	0.5646	0.6903
MUT_ci300400a_cdk_ECFP6	0.7892	0.2108	0.7815	0.5611	0.6858
MUT_ci300400a_cdk_ESTATE	0.7710	0.2290	0.7617	0.5183	0.7101
MUT_ci300400a_cdk_EXTENDED	0.7866	0.2134	0.7788	0.5564	0.6925
MUT_ci300400a_cdk_FCFP2	0.8120	0.1880	0.8054	0.6102	0.6456
MUT_ci300400a_cdk_MACCS	0.8309	0.1691	0.8251	0.6491	0.6046
MUT_ci300400a_cdk_PUBCHEM	0.8311	0.1689	0.8251	0.6470	0.5965
MUT_ci300400a_rdkit_descriptors	0.7882	0.2118	0.7819	0.5574	0.6732
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.5000	0.1667	0.4545	0.4000	0.1541
ncRNA1%	0.7902	0.0221	0.0899	0.1360	0.1386
neo	0.9096	0.0904	0.6620	0.1730	0.3741
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	0.9868	0.0132	0.9750	0.9499	0.1262
NPHA-doctor-visits	0.5278	0.3148	0.3453	0.0270	0.4882
nursery	0.9915	0.0042	0.9574	0.9875	0.0132
obesity	0.9052	0.0271	0.9028	0.8893	0.1173
obs	0.8056	0.0972	0.7591	0.6912	0.2114
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9882	0.0059	0.9626	0.9640	0.0444
oh0-wc	0.8119	0.0376	0.7692	0.7832	0.1714
oh10-wc	0.6476	0.0705	0.5952	0.5975	0.3287
oh15-wc	0.6848	0.0630	0.6467	0.6430	0.3004
oh5-wc	0.6923	0.0615	0.6608	0.6522	0.2990
olive	0.9474	0.0117	0.9385	0.9343	0.0333
optdigits	0.9626	0.0075	0.9651	0.9585	0.0501
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	0.8000	0.0400	0.7652	0.7778	0.0600
ovarian-cancer	1.0000	0.0000	1.0000	1.0000	0.0000
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9130	0.0870	0.5398	0.0537	0.6079
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8099	0.6197	0.6297
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8810	0.1190	0.8806	0.7612	0.4854
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9086	0.0366	0.2534	0.1767	0.1413
parkinson	0.9667	0.0333	0.9656	0.9306	0.1849
parkinsons	0.8057	0.1943	0.7965	0.5922	0.6649
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle10%	0.8985	0.1015	0.8705	0.7363	0.4465
pasture	0.5000	0.3333	0.2667	0.1111	0.2969
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.5209	0.0041	0.5832
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8421	0.1579	0.7716	0.5102	0.5563
pediatric-leukemia	0.7941	0.0588	0.7231	0.7438	0.1439
pendigits	0.9954	0.0009	0.9954	0.9949	0.0086
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.8105	0.1895	0.7941	0.5827	0.6424
pet-adoption	0.9250	0.0750	0.9158	0.8215	0.2735
phishing	0.9592	0.0408	0.9571	0.9137	0.2211
phone-acc0.1%	0.7580	0.0691	0.7287	0.7165	0.2318
phone-gyr0.1%	0.7810	0.0626	0.7646	0.7433	0.2546
phoneme	0.8852	0.1148	0.8548	0.7069	0.5010
pima	0.7105	0.2895	0.6891	0.3407	0.7408

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
pirvision	0.9902	0.0065	0.9789	0.9689	0.0741
placement	0.8000	0.2000	0.7930	0.5837	0.6637
plant-growth	0.6842	0.3158	0.6960	0.3523	0.7434
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5532	0.1277	0.1614	0.1444	0.3035
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6765	0.3235	0.6847	0.3529	0.8074
prestige	1.0000	0.0000	1.0000	1.0000	0.0000
primary-tumor	0.4848	0.0793	0.4414	0.4281	0.2195
profb	0.7463	0.2537	0.6981	0.3893	0.7756
promoters	0.3000	0.7000	0.2308	-0.2069	0.9159
prostate	0.8571	0.1429	0.8542	0.7083	0.5487
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9771	0.0092	0.9673	0.9692	0.0527
pulsar	0.9777	0.0223	0.9303	0.8546	0.1586
raisin	0.9222	0.0778	0.9223	0.8444	0.3630
rcv11%	0.8407	0.0078	0.5151	0.8231	0.1838
re0-wc	0.7400	0.0400	0.6518	0.6434	0.2938
re1-wc	0.6566	0.0275	0.4608	0.6018	0.2739
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	1.0000	0.0000	1.0000	1.0000	0.0000
reuters21578	0.8639	0.0057	0.3963	0.8119	0.1762
rice	0.9868	0.0132	0.9867	0.9733	0.0874
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6662	0.3338	0.6431	0.2760	0.8545
satimage	0.9020	0.0327	0.8867	0.8787	0.1492
satimageF	0.9907	0.0093	0.9763	0.9525	0.1611
satimageT	0.9378	0.0622	0.8039	0.5695	0.3661
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.5000	0.0000	0.9949
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9307	0.0198	0.9361	0.9190	0.0883
segmentation	0.8069	0.1931	0.7844	0.5643	0.6591
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8635	0.1365	0.4634	-0.0052	0.3825
sens-2-gram	0.8816	0.1184	0.6940	0.1618	0.2534
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-7-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8605	0.1395	0.4625	-0.0151	0.5048
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8816	0.1184	0.7325	0.3912	0.4691
shuttle	0.9967	0.0009	0.6591	0.9907	0.0055
sick	0.9549	0.0451	0.7842	0.5199	0.3443

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin10%	0.9955	0.0045	0.9933	0.9865	0.0700
smarket	0.9760	0.0240	0.9761	0.9520	0.1517
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.7368	0.2632	0.7389	0.4751	0.7624
soil_pollution	0.2233	0.3107	0.1693	0.0219	0.6151
solar-flare	0.7410	0.0863	0.5720	0.6660	0.1772
sonar	0.4500	0.5500	0.4497	-0.1000	1.0000
soybean	0.9559	0.0046	0.9202	0.9515	0.0186
spam-detection	0.9545	0.0455	0.8552	0.7069	0.4128
spambase	0.9065	0.0935	0.9022	0.8006	0.3906
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.8571	0.1429	0.8168	0.6154	0.5218
spectrometer	0.3462	0.0484	0.1617	0.2995	0.2163
splice-EI	0.9590	0.0410	0.9488	0.8952	0.2904
splice-IE	0.8770	0.1230	0.8214	0.6378	0.5451
sport-articles	0.8500	0.1500	0.8368	0.6652	0.5402
squash-stored	0.6000	0.2667	0.4375	0.3333	0.3340
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9892	0.0108	0.9885	0.9767	0.0905
steel_industry	0.8485	0.1010	0.8124	0.7522	0.3189
steel-b	0.8410	0.1590	0.7429	0.4794	0.6629
steel-d	0.9795	0.0205	0.7967	0.4922	0.0689
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7590	0.2410	0.7265	0.3926	0.6206
steel-p	0.9231	0.0769	0.6576	0.1895	0.4020
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stock	0.8681	0.1319	0.7447	0.4462	0.5391
stockb	1.0000	0.0000	1.0000	1.0000	0.0000
streaming	0.9060	0.0940	0.9056	0.8107	0.4161
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6200	0.1520	0.3365	0.3707	0.4175
student-habits	0.3900	0.2440	0.1904	0.0174	0.3708
student-weekend	0.3846	0.2462	0.1111	0.0000	0.3498
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3077	0.4615	0.1569	-0.1250	0.5901
susy1%	0.7990	0.2010	0.7982	0.5903	0.6487
tae	0.5333	0.3111	0.4581	0.3000	0.4134
telco-churn	0.9006	0.0994	0.8694	0.7371	0.4673
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9648	0.0352	0.4910	-0.0114	0.5522
Thyroid_Diff	0.9211	0.0789	0.9048	0.7912	0.2236
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.7388	0.2612	0.5754	0.1273	0.8054
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.8824	0.0588	0.8875	0.8426	0.1448
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000
transfusion	0.7333	0.2667	0.5749	0.1379	0.8346
trec11-wc	0.7805	0.0488	0.6246	0.7252	0.1798
trec12-wc	0.6452	0.0887	0.5957	0.5623	0.2529
trec21-wc	0.9394	0.0242	0.7666	0.8639	0.0611
trec23-wc	0.7143	0.0952	0.7027	0.6111	0.2387

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
trec31-wc	0.8817	0.0394	0.8432	0.8454	0.2391
trec41-wc	0.8068	0.0386	0.6055	0.7595	0.1830
trec45-wc	0.6667	0.0667	0.5389	0.6099	0.3032
tuandromd	0.9886	0.0114	0.9825	0.9643	0.1466
turkish	0.8250	0.0875	0.8283	0.7667	0.1933
tvnews1%	0.9077	0.0923	0.9004	0.7966	0.3880
tvnews10%	0.8913	0.1087	0.8819	0.7604	0.4475
ur3_cobotops_grip	0.9755	0.0245	0.7655	0.3921	0.0790
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8209	0.0398	0.8283	0.7894	0.1392
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7619	0.1190	0.7356	0.6816	0.1965
vehicleVAN	0.9881	0.0119	0.9841	0.9677	0.0550
voice	0.9167	0.0833	0.9084	0.8000	0.2404
vote	0.9535	0.0465	0.9555	0.9071	0.2027
vowel	0.4040	0.1084	0.5294	0.3444	0.3111
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.7692	0.0231	0.5333	0.7429	0.1813
warpar10p	0.9231	0.0154	0.9583	0.9133	0.0343
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc1%	0.8130	0.0534	0.8094	0.7812	0.2330
watch-gyr1%	0.7720	0.0651	0.7686	0.7337	0.2881
water_pollution	0.2500	0.3750	0.1000	0.0000	0.4041
waveform	0.8460	0.1027	0.8467	0.7690	0.3540
weather-related	0.9692	0.0056	0.9720	0.9651	0.0420
web-phishing	0.8370	0.1086	0.6660	0.7062	0.4581
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9834	0.0166	0.9055	0.8011	0.1818
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6226	0.1258	0.2990	0.3816	0.4097
winequality-white	0.6319	0.1227	0.4078	0.4197	0.4442
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.8750	0.0167	0.8320	0.8655	0.0275
yeast	0.5203	0.1066	0.4239	0.3782	0.3846
yeastCYT-POX	0.9796	0.0204	0.8533	0.6573	0.0692
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9797	0.0203	0.7845	0.5613	0.4507
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300

Table 521: Detailed results for C5.0(R2)^{CV} Noise 20%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1463	0.0742	0.0926	0.0693	0.6578
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9041	0.0959	0.4748	-0.0493	0.6712
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9451	0.0549	0.8785	0.7337	0.2315
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128	0.7879	0.1414	0.2938	-0.0896	0.6395
AID1284Morered	0.6944	0.3056	0.4098	-0.1786	0.7728
AID1284red	0.8333	0.1667	0.6516	0.3032	0.7325
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.6000	0.4000	0.3750	-0.1765	0.9528
AID644red	0.5500	0.4500	0.5330	0.0625	0.8958
AID721morered	0.6667	0.3333	0.4000	-0.1739	0.9159
AID721red	0.5556	0.4444	0.3571	-0.2857	0.9011
aids	0.8545	0.1455	0.8068	0.6132	0.6196
air_pollution	0.3200	0.1943	0.1435	0.0223	0.8347
alcohol	0.7905	0.0838	0.5119	0.5549	0.4820
all-aml	0.8333	0.1667	0.8182	0.5714	0.3522
alzheimers	0.9302	0.0698	0.9231	0.8450	0.3363
anneal	0.9663	0.0135	0.9674	0.9317	0.1118
antivirus	0.9189	0.0811	0.8761	0.7494	0.4873
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9736	0.0132	0.9021	0.9494	0.0817
anuran-genus	0.9666	0.0083	0.8865	0.9449	0.1144
anuran-species	0.9653	0.0069	0.9267	0.9517	0.0930
anxiety	0.1083	0.1981	0.1012	-0.0045	0.8073
apple-quality	0.7850	0.2150	0.7862	0.5700	0.6847
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia	0.8222	0.0356	0.6992	0.7269	0.1592
auction	0.9657	0.0343	0.9199	0.8377	0.2742
audiology	0.8261	0.0290	0.7399	0.8009	0.0735
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.6000	0.1600	0.6198	0.4613	0.3057
avila	0.9928	0.0012	0.8973	0.9907	0.0352
babies	0.3790	0.1774	0.1247	0.0079	0.3952
balance	0.8548	0.0968	0.5897	0.7262	0.2550
banknote	0.9489	0.0511	0.9490	0.8971	0.2692
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8687	0.1313	0.8572	0.7144	0.5331
basehock	0.9146	0.0854	0.9151	0.8292	0.3824

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8857	0.1143	0.8780	0.7553	0.4788
biomed	0.9524	0.0476	0.9529	0.9014	0.2404
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7157	0.1422	0.7184	0.6209	0.4250
brain-tumor	0.5145	0.4855	0.5151	0.0296	0.9842
breast-cancer	0.7857	0.2143	0.7126	0.3824	0.6553
breast-cancer-co	0.5455	0.4545	0.3529	0.0000	0.5193
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.4545	0.1818	0.4068	0.3529	0.2515
bridges	0.8000	0.0667	0.6525	0.6970	0.0841
cad	0.9333	0.0667	0.9206	0.8413	0.3601
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9253	0.0374	0.9066	0.8460	0.2611
car-insurance	0.8290	0.1710	0.8010	0.6020	0.6416
card	0.7971	0.2029	0.7907	0.5714	0.6456
cardiotocography	0.8216	0.0357	0.8056	0.7863	0.2204
cardiotocography-nsp	0.9202	0.0532	0.8529	0.7695	0.2852
cardiovascular	0.7358	0.2642	0.7365	0.4715	0.7676
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8500	0.1000	0.7602	0.7030	0.2343
cas_N6512_cdk_ECFP2	0.7035	0.2965	0.7012	0.4024	0.8177
cas_N6512_rdkit_ATOMPAIR	0.7046	0.2954	0.7016	0.4006	0.8115
cas_N6512_RDkit_AtomPair_FP	0.7025	0.2975	0.7002	0.4003	0.8191
cas_N6512_rdkit_AVALON	0.7542	0.2458	0.7531	0.5061	0.7442
cas_N6512_RDkit_Avalon_FP	0.7316	0.2684	0.7301	0.4601	0.7788
cas_N6512_rdkit_descriptors	0.7446	0.2554	0.7442	0.4879	0.7577
cas_N6512_rdkit_FEATMORGAN	0.6959	0.3041	0.6941	0.3882	0.8273
cas_N6512_RDkit_Featmorgan_FP	0.7147	0.2853	0.7119	0.4214	0.7981
cas_N6512_RDkit_FP	0.6979	0.3021	0.6948	0.3853	0.8166
cas_N6512_rdkit_LAYERED	0.7231	0.2769	0.7228	0.4450	0.7888
cas_N6512_RDkit_Layered_FP	0.7025	0.2975	0.7001	0.4000	0.8190
cas_N6512_rdkit_MACCS	0.7446	0.2554	0.7428	0.4857	0.7597
cas_N6512_RDkit_MACCS_FP	0.7612	0.2388	0.7608	0.5210	0.7316
cas_N6512_rdkit_MORGAN	0.7138	0.2862	0.7111	0.4185	0.7964
cas_N6512_RDkit_morgan_FP	0.7055	0.2945	0.7035	0.4070	0.8151
cas_N6512_rdkit_PATTERN	0.7508	0.2492	0.7488	0.4974	0.7497
cas_N6512_RDkit_pattern_FP	0.7209	0.2791	0.7196	0.4392	0.7936
cas_N6512_rdkit_RDKITFP	0.6774	0.3226	0.6739	0.3438	0.8429
cas_N6512_rdkit_TORSION	0.6766	0.3234	0.6860	0.3614	0.8183
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7098	0.2902	0.6843	0.3685	0.8213
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8195	0.6000	0.2655
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.3333	0.6667	0.2500	-0.5000	1.0000
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9186	0.0814	0.4788	-0.0344	0.6692
cervical-H	0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chronic-kidney	0.8855	0.1145	0.4696	-0.0520	0.7158
churn	0.8250	0.1750	0.6802	0.2676	0.5526
churn-bigml	0.9513	0.0487	0.8968	0.7842	0.2759
ci900367j_MACCS	0.6105	0.3895	0.6026	0.2028	0.9038
circles	0.9960	0.0001	0.9963	0.9960	0.0019
cirrhosis	0.7619	0.1587	0.5309	0.5354	0.5857
cjs	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8157	0.0921	0.6705	0.7086	0.3752
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5000	0.3333	0.5490	0.2800	0.2183
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5646	0.2902	0.5370	0.3177	0.6852
cnae-9	0.9352	0.0144	0.9378	0.9271	0.0711
coil20	0.9236	0.0076	0.9296	0.9196	0.0485
college	0.8701	0.1299	0.8285	0.6405	0.4949
collins	0.9800	0.0027	0.9221	0.9780	0.0058
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.7241	0.2759	0.7264	0.3176	0.4472
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.6207	0.3793	0.5062	0.0124	0.9248
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c	0.7931	0.2069	0.7465	0.4852	0.7092
column-2c	0.8065	0.1935	0.8342	0.6173	0.4882
column-3c	0.8065	0.1290	0.7844	0.6771	0.3067
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
cottonmeloidogyne	0.7236	0.2764	0.7247	0.4476	0.7840
coupon	0.6751	0.3249	0.6647	0.3270	0.8533
crabs	0.8500	0.0750	0.8541	0.8000	0.1893
crowdsourced	0.9300	0.0233	0.8050	0.8548	0.1634
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.3438	0.0410	0.3062	0.3226	0.1328
customer-churn	0.9824	0.0176	0.7155	0.2963	0.2165
cybersecurity	0.1733	0.2756	0.1732	0.0069	0.8757
cyclopentane	0.5556	0.4444	0.5580	0.1148	0.9535
cylinder-bands	0.7222	0.2778	0.7345	0.4534	0.7458
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dbworld	0.7143	0.2857	0.7083	0.4167	0.8058
default	0.8263	0.1737	0.7128	0.3858	0.6261
defect	0.9599	0.0401	0.9228	0.8372	0.1899
dementia	0.9700	0.0300	0.9707	0.9398	0.1446
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.6525	0.4286	0.5000
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6250	0.2500	0.5263	0.4000	0.3199
DIA	0.7833	0.2167	0.6723	0.3158	0.7212
diabetes	0.8654	0.1346	0.8592	0.7016	0.4529
diabetes-risk	0.9190	0.0810	0.8724	0.7426	0.4370
diabetic1%	0.4706	0.3529	0.2926	-0.0259	0.7278
diabetic10%	0.5462	0.3026	0.3795	0.0806	0.5866
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.7500	0.2500	0.6667	0.3333	0.7987
dlbcl-nih	0.3333	0.6667	0.3143	-0.3714	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5437	0.4563	0.5351	0.0620	0.9336
dropout	0.7540	0.1640	0.6467	0.5734	0.4206
drug-01	0.2872	0.2036	0.1372	-0.0082	0.7906

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-02	0.4415	0.1596	0.1185	0.0356	0.6185
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.3830	0.1763	0.2908	0.2308	0.6457
drug-07	0.3617	0.2128	0.1688	0.0178	0.6588
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.2479	0.1804	0.6201
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6064	0.1125	0.1889	0.2851	0.5731
drug-14	0.5691	0.1231	0.1036	0.0000	0.2602
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5266	0.1578	0.2747	0.2227	0.5331
drug-17	0.3404	0.1885	0.2099	0.1165	0.6635
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7660	0.0669	0.1893	0.0929	0.3208
drybean	0.9155	0.0241	0.9300	0.8979	0.1360
ecoli	0.8235	0.0588	0.6904	0.7554	0.1975
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.3200	0.3400	0.3189	0.0936	0.8115
eeg-eye	0.8111	0.1889	0.8096	0.6191	0.6450
eeg10%	0.4010	0.0749	0.3537	0.3358	0.6515
eucalyptus	0.6301	0.1479	0.5868	0.5224	0.4230
euthyroid	0.9684	0.0316	0.9106	0.8212	0.3529
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.7967	0.0239	0.7705	0.7690	0.1801
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.4510	0.5490	0.3108	0.0000	0.5305
fishcatch	0.8125	0.0625	0.8486	0.7659	0.1160
flags	0.6500	0.1000	0.5411	0.5584	0.2310
forest	0.2500	0.3750	0.1000	0.0000	0.3924
gastrointestinal	0.8125	0.1250	0.7980	0.6690	0.2207
gender	0.6084	0.2611	0.4663	0.1787	0.6369
gene	0.8896	0.0736	0.8740	0.8201	0.2596
german	0.6300	0.3700	0.5695	0.1355	0.9168
gestures	0.9110	0.0445	0.9112	0.8813	0.1924
gina	0.9078	0.0922	0.9077	0.8154	0.4090
gisette	0.9414	0.0586	0.9415	0.8829	0.2969
glass	0.6190	0.1270	0.7564	0.4878	0.2754
glass-g2	0.8125	0.1875	0.8118	0.5556	0.3833
glassBWFP	0.9524	0.0476	0.9529	0.9014	0.2404
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.8095	0.1905	0.7070	0.3913	0.6840
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.7368	0.2632	0.7389	0.4751	0.7624
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8602	0.6875	0.1858
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6784	0.3478	0.8010
grub-damage	0.2000	0.4000	0.2857	-0.0976	0.5883

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gsalc	0.5556	0.1481	0.6222	0.4783	0.2121
haberman	0.7000	0.3000	0.6011	0.2012	0.8607
hapt	0.9414	0.0098	0.7873	0.9308	0.1108
har	0.9781	0.0088	0.9770	0.9723	0.0566
har701%	0.9124	0.0250	0.5723	0.8699	0.1809
harth1%	0.8641	0.0226	0.5767	0.8145	0.2206
hayes-roth	0.8125	0.1250	0.8492	0.7055	0.2844
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack	0.8387	0.1613	0.8466	0.6804	0.5410
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.9600	0.0400	0.9533	0.9065	0.2378
heart-quantum	0.8600	0.1400	0.8768	0.7244	0.4092
hepatitis	0.7333	0.2667	0.6779	0.3333	0.7333
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.6773	0.3227	0.6753	0.3504	0.8498
higher	0.0000	0.2500	0.0000	-0.1879	0.4739
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8887	0.1113	0.7801	0.5370	0.5217
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5000	0.3333	0.4280	0.0769	0.6108
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9793	0.0207	0.9352	0.8667	0.1757
hypothyroid	0.9814	0.0093	0.6924	0.8938	0.1801
hypothyroidT	0.9920	0.0080	0.9716	0.9431	0.1266
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.5556	0.4444	0.5303	0.0526	0.7987
instagram	0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere	0.8000	0.2000	0.7559	0.4990	0.6704
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.8793	0.0093	0.8826	0.8745	0.1018
jm1	0.7943	0.2057	0.5937	0.1602	0.7531
jvowels	0.1094	0.1979	0.0219	0.0000	0.4023
kc1	0.8483	0.1517	0.6197	0.1217	0.5109
kc1-class-level-defectiveornot	0.8667	0.1333	0.8819	0.7368	0.4011
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.8438	0.6341	0.5283
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.8797	0.0802	0.8376	0.8008	0.2198
kidney-disease	0.8500	0.1500	0.8377	0.6712	0.5566
krkopt	0.7989	0.0223	0.7765	0.7754	0.2723
krvskp	0.9592	0.0408	0.9604	0.9186	0.2054
la1s-wc	0.8254	0.0582	0.7852	0.7786	0.2625
la2s-wc	0.8676	0.0442	0.8524	0.8336	0.2034
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7647	0.0205	0.7675	0.7530	0.0592
led24	0.6500	0.0778	0.6417	0.6045	0.1810
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.8965	0.0080	0.8976	0.8923	0.1181
leukemia	0.8571	0.0952	0.8602	0.7812	0.1327

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leukemia2	0.7143	0.2857	0.7083	0.4167	0.8058
libra	0.7500	0.0333	0.7771	0.7320	0.1133
liver	0.4706	0.5294	0.4685	-0.0588	0.9344
loan	0.9789	0.0211	0.9777	0.9553	0.1486
localization10%	0.6541	0.0629	0.4027	0.5584	0.5532
lrs	0.8113	0.0539	0.6146	0.7374	0.1578
lung	0.9048	0.0381	0.8928	0.8279	0.1436
lung_discrete	0.8750	0.0500	0.9164	0.8400	0.0774
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	0.1667	0.8333	0.1429	0.0000	0.3467
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.3333	0.6667	0.2500	-0.5000	1.0000
lupus	0.7778	0.2222	0.8000	0.5263	0.4308
lymphography	0.6429	0.2381	0.4872	0.3913	0.4368
lymphoma2	0.7778	0.0741	0.6222	0.7000	0.0693
machine-failure	0.4149	0.5851	0.2932	0.0000	0.5268
madelon	0.6615	0.3385	0.6616	0.3231	0.8671
magic04	0.8538	0.1462	0.8367	0.6708	0.5602
malware	0.9189	0.0811	0.8761	0.7494	0.4873
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8616	0.1384	0.6604	0.2770	0.6287
maternal	0.7030	0.1980	0.7089	0.5459	0.5069
math	0.9000	0.0500	0.8883	0.8444	0.1193
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2533	0.2987	0.2547	0.0661	0.8395
messidor	0.6261	0.3739	0.6120	0.2194	0.9017
meter-A	0.5000	0.5000	0.3333	-0.2308	1.0000
meter-B	0.5556	0.2963	0.5556	0.3208	0.5872
meter-C	0.8889	0.0556	0.8953	0.8494	0.1458
meter-D	0.8889	0.0556	0.8953	0.8494	0.1458
mfeat-fac	0.9400	0.0120	0.9417	0.9333	0.0698
mfeat-fou	0.8000	0.0400	0.7995	0.7778	0.1733
mfeat-kar	0.9050	0.0190	0.9061	0.8944	0.1094
mfeat-mor	0.6900	0.0620	0.6856	0.6556	0.2025
mfeat-pix	0.9350	0.0130	0.9365	0.9278	0.0789
mfeat-zer	0.7550	0.0490	0.7499	0.7278	0.1967
mice-prot	0.9815	0.0046	0.9791	0.9788	0.0152
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.5182	0.4113	0.4946
mobile	0.8287	0.0061	0.8382	0.8255	0.0784
monks-1	0.9273	0.0727	0.9272	0.8545	0.3478
monks-2	0.7869	0.2131	0.7615	0.5226	0.7110
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	0.9939	0.0062	0.9939	0.9877	0.0437
music	0.4678	0.0968	0.4853	0.3635	0.5823
musk	0.9227	0.0773	0.8419	0.6771	0.4535
MUT_ci300400a_cdk_ECFP2	0.7422	0.2578	0.7335	0.4666	0.7678
MUT_ci300400a_cdk_ECFP4	0.7497	0.2503	0.7423	0.4845	0.7564
MUT_ci300400a_cdk_ECFP6	0.7353	0.2647	0.7245	0.4464	0.7740
MUT_ci300400a_cdk_ESTATE	0.7122	0.2878	0.7054	0.4107	0.8086
MUT_ci300400a_cdk_EXTENDED	0.7602	0.2398	0.7534	0.5069	0.7397
MUT_ci300400a_cdk_FCFP2	0.7605	0.2395	0.7504	0.4953	0.7275
MUT_ci300400a_cdk_FCFP4	0.7494	0.2506	0.7415	0.4828	0.7569
MUT_ci300400a_cdk_FCFP6	0.7542	0.2458	0.7452	0.4893	0.7482
MUT_ci300400a_cdk_MACCS	0.7302	0.2698	0.7187	0.4199	0.7480

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_PUBCHEM	0.7425	0.2575	0.7432	0.4820	0.7517
MUT_ci300400a_cdk_STANDARD	0.7713	0.2287	0.7626	0.5238	0.7191
MUT_ci300400a_rdkit_descriptors	0.7719	0.2281	0.7663	0.5326	0.7193
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
NCI60	0.5000	0.1667	0.4545	0.4000	0.1534
nci9	0.5000	0.1667	0.4375	0.4000	0.1756
ncRNA1%	0.9068	0.0098	0.4385	0.7347	0.4115
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1376
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4722	0.3519	0.2969	-0.0251	0.5906
nursery	0.9884	0.0058	0.9840	0.9830	0.0299
obesity	0.9431	0.0162	0.9416	0.9336	0.0809
obs	0.9352	0.0324	0.9398	0.9045	0.1374
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9872	0.0064	0.9531	0.9609	0.0410
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.8152	0.0370	0.8264	0.7899	0.1775
oh5-wc	0.7582	0.0484	0.7460	0.7275	0.2299
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.8596	0.0312	0.8480	0.8279	0.1430
opn310k10%	0.9152	0.0848	0.6864	0.3524	0.5964
optdigits	0.9520	0.0096	0.9535	0.9466	0.0694
optdigitsZ	0.9840	0.0160	0.9495	0.8985	0.1984
orl	0.7750	0.0112	0.7469	0.7692	0.0444
orlraws10P	0.7000	0.0600	0.6364	0.6667	0.0853
ovarian-cancer	0.8800	0.1200	0.8680	0.7331	0.4856
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9170	0.0830	0.6285	0.2363	0.6272
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7990	0.2010	0.7806	0.5603	0.6868
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8333	0.1667	0.8329	0.6636	0.5902
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9744	0.0102	0.8962	0.8559	0.1886
parkinson	1.0000	0.0000	1.0000	1.0000	0.0000
parkinsons	0.8531	0.1469	0.8424	0.6761	0.5287
parkinsons-small	0.7368	0.2632	0.6391	0.2748	0.8208
particle10%	0.9092	0.0908	0.8869	0.7737	0.4473
pasture	0.2500	0.5000	0.1667	-0.0909	0.3508
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8158	0.1842	0.7285	0.4286	0.6452
pediatric-leukemia	0.6471	0.1008	0.5444	0.5705	0.2721
pendigits	0.9591	0.0082	0.9591	0.9545	0.0633
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7901	0.2099	0.7715	0.5249	0.6493
pet-adoption	0.9350	0.0650	0.9259	0.8513	0.3318
phishing	0.9388	0.0612	0.9356	0.8708	0.3094
phone-acc0.1%	0.8645	0.0387	0.8540	0.8415	0.1523
phone-gyr0.1%	0.8873	0.0322	0.8790	0.8682	0.1435
phoneme	0.8370	0.1630	0.8018	0.6034	0.6371
pima	0.7237	0.2763	0.7065	0.4115	0.7975
placement	0.8020	0.1980	0.7951	0.5854	0.6523
plant-growth	0.6316	0.3684	0.6333	0.2652	0.8937
plrx	0.7222	0.2778	0.4194	0.0000	0.4246

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
poker1%	0.5610	0.1254	0.2002	0.1776	0.4302
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9541	0.0459	0.7244	0.4225	0.4959
polish-5th	0.9475	0.0525	0.7523	0.4157	0.3097
polya	0.7838	0.2162	0.7585	0.5126	0.7044
post-operative	0.7778	0.2222	0.7568	0.4000	0.4011
pred-tox_mutagen_ref-desc	0.5441	0.4559	0.5443	0.0882	0.9709
prestige	0.6667	0.2222	0.7435	0.5179	0.3137
primary-tumor	0.3030	0.1072	0.2035	0.2011	0.3798
profb	0.6119	0.3881	0.5703	0.1402	0.9143
promoters	0.7000	0.3000	0.6784	0.3478	0.8165
prostate	0.7143	0.2857	0.7292	0.4400	0.7482
prostate_GE	0.8182	0.1818	0.8358	0.6207	0.4011
puc-rio10%	0.9753	0.0099	0.9596	0.9668	0.0693
pulsar	0.9792	0.0208	0.9361	0.8705	0.2157
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.7467	0.0390	0.6718	0.6732	0.3228
re1-wc	0.7711	0.0183	0.6265	0.7411	0.2137
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9824	0.0176	0.9823	0.9645	0.1217
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6473	0.3527	0.6185	0.2118	0.8426
satimage	0.8958	0.0347	0.8802	0.8718	0.1808
satimageF	0.9627	0.0373	0.8974	0.7862	0.2607
satimageT	0.9316	0.0684	0.7837	0.5422	0.4559
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.6667	0.3333	0.4000	-0.1739	0.9159
schizo	0.6176	0.3824	0.6179	0.2353	0.9116
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.5865	0.1280	0.5676
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9394	0.0173	0.9463	0.9291	0.0705
segmentation	0.8218	0.1782	0.8172	0.6277	0.6213
segmentO	0.9913	0.0087	0.9828	0.9655	0.1114
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9371	0.0629	0.8683	0.7157	0.5134
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.5838	0.0286	0.3763
sens-4-gram	0.8632	0.1368	0.5313	0.0179	0.4988
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8848	0.1152	0.7419	0.4277	0.4925
sick	0.9682	0.0318	0.8564	0.6843	0.2258
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin10%	0.9845	0.0155	0.9773	0.9539	0.1708
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2200	0.3900	0.2239	-0.0461	0.8491

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
soil_pollution	0.1733	0.3307	0.1728	-0.0336	0.8835
solar-flare	0.7482	0.0839	0.5446	0.6747	0.2168
sonar	0.7500	0.2500	0.7622	0.5000	0.6793
soybean	0.9118	0.0093	0.9190	0.9035	0.0528
spam-detection	0.9485	0.0515	0.8256	0.6204	0.3305
spambase	0.9130	0.0870	0.9088	0.8175	0.3996
spect	0.7600	0.2400	0.6787	0.3478	0.7519
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.5283	0.0337	0.4015	0.4994	0.1632
splice-EI	0.9306	0.0694	0.9131	0.8234	0.4020
splice-IE	0.2366	0.7634	0.1913	0.0000	0.4296
sport-articles	0.7800	0.2200	0.7669	0.5333	0.7134
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	0.4000	0.6000	0.4167	-0.1538	0.9932
startup	0.9677	0.0323	0.9651	0.9300	0.2092
steel_industry	0.8930	0.0713	0.8664	0.8255	0.2415
steel-b	0.8256	0.1744	0.7470	0.4931	0.6955
steel-d	0.9692	0.0308	0.6496	0.2383	0.4569
steel-k	0.9692	0.0308	0.9539	0.9074	0.2597
steel-o	0.7333	0.2667	0.6933	0.3790	0.7870
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9897	0.0103	0.9310	0.8519	0.0402
steel-z	0.9692	0.0308	0.9090	0.8164	0.3047
stock	0.9097	0.0903	0.8452	0.6903	0.5133
stockb	0.9912	0.0059	0.9912	0.9868	0.0318
streaming	0.9920	0.0080	0.9919	0.9838	0.0605
stress	0.9683	0.0127	0.9697	0.9603	0.0475
student-lifestyle	0.6300	0.1480	0.3710	0.3708	0.3297
student-habits	0.2600	0.2960	0.1326	-0.0963	0.8147
student-weekend	0.3385	0.2646	0.2723	0.1175	0.7733
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3846	0.4103	0.4084	0.0370	0.6867
susy1%	0.7868	0.2132	0.7847	0.5685	0.6875
tae	0.4667	0.3556	0.4553	0.2000	0.6504
telco-churn	0.8892	0.1108	0.8547	0.7080	0.5062
texture	0.9727	0.0050	0.9745	0.9699	0.0374
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.8947	0.1053	0.8721	0.7441	0.4906
tic-tac-toe	0.8211	0.1789	0.7940	0.5834	0.6355
tis10%	0.7612	0.2388	0.6784	0.3567	0.7854
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.5294	0.2353	0.5761	0.3761	0.3438
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.5777	0.1549	0.8582
trec11-wc	0.8049	0.0434	0.6373	0.7588	0.1535
trec12-wc	0.7097	0.0726	0.7268	0.6437	0.1807
trec21-wc	0.9091	0.0364	0.7423	0.8036	0.1605
trec23-wc	0.9048	0.0317	0.9225	0.8688	0.1244
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.8696	0.0261	0.8390	0.8481	0.1185
tuandromd	0.9658	0.0342	0.9468	0.8930	0.2867

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
turkish	0.7250	0.1375	0.7387	0.6333	0.3628
tvnews1%	0.8923	0.1077	0.8832	0.7647	0.4545
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8060	0.0431	0.7833	0.7727	0.1889
urinalysis	0.9021	0.0979	0.5366	0.0731	0.6584
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.2500	0.3750	0.1000	0.0000	0.3964
vehicleVAN	0.9048	0.0952	0.8680	0.7288	0.4284
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.8140	0.1860	0.8156	0.6285	0.6285
vowel	0.6970	0.0551	0.7270	0.6667	0.1519
vowelZ	0.9596	0.0404	0.8668	0.6944	0.1201
wap-wc	0.6859	0.0314	0.5685	0.6482	0.2285
warpar10p	0.6923	0.0615	0.6149	0.6510	0.0982
warppie10p	0.9524	0.0095	0.9583	0.9470	0.0212
watch-acc1%	0.9723	0.0079	0.9717	0.9676	0.0544
watch-gyr1%	0.9807	0.0055	0.9802	0.9774	0.0413
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8020	0.1320	0.8017	0.7029	0.4245
weather-related	0.9692	0.0056	0.9696	0.9651	0.0469
web-phishing	0.8370	0.1086	0.7360	0.7054	0.4031
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9710	0.0290	0.8465	0.6931	0.4587
wine	0.8824	0.0784	0.8556	0.7927	0.2474
winequality-red	0.5472	0.1509	0.3114	0.3070	0.6722
winequality-white	0.5992	0.1336	0.4036	0.3979	0.7273
wisc_bc	0.9649	0.0351	0.9643	0.9261	0.2027
yale	0.5000	0.0667	0.4267	0.4667	0.1203
yeast	0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX	0.9592	0.0408	0.4896	0.0000	0.1164
yeastEXC	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.0473	0.9527	0.0452	0.0000	0.1242
zip	0.9387	0.0123	0.9328	0.9314	0.0983

Table 522: Detailed results for CALIFOREST(ova) Noise 20%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1583	0.0732	0.0959	0.0684	0.4694
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9822	0.0178	0.6093	0.0634	0.2211
accident	0.5000	0.5000	0.5000	0.0000	0.9713
ads	0.9756	0.0244	0.9482	0.8909	0.0862
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7500	0.2500	0.6979	0.2188	0.4125
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8967	0.1033	0.8545	0.7048	0.4782
air_pollution	0.4033	0.1705	0.0821	-0.0038	0.3747
alcohol	0.8190	0.0724	0.5141	0.5525	0.2955
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9116	0.0884	0.9026	0.8049	0.4095
anneal	0.9551	0.0180	0.9537	0.9076	0.1272
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9791	0.0104	0.9422	0.9601	0.0491
anuran-genus	0.9819	0.0045	0.9449	0.9702	0.0287
anuran-species	0.9889	0.0022	0.9759	0.9846	0.0468
anxiety	0.1083	0.1981	0.0659	-0.0129	0.6042
apple-quality	0.8350	0.1650	0.8354	0.6700	0.5909
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6500	0.3500	0.6436	0.2857	0.8745
auction	0.9363	0.0637	0.8423	0.6503	0.2920
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7500	0.1000	0.7824	0.6599	0.2023
avila	0.9444	0.0093	0.9648	0.9276	0.1115
babies	0.4597	0.1544	0.1905	0.1539	0.4397
balance	0.8710	0.0860	0.6003	0.7569	0.2347
banknote	0.9562	0.0438	0.9579	0.9122	0.2070
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8917	0.1083	0.8834	0.7536	0.3867
basehock	0.9749	0.0251	0.9751	0.9498	0.1511
biodeg	0.8571	0.1429	0.8470	0.6927	0.5498
biomed	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.7172	0.1414	0.7177	0.6229	0.4232
brain-tumor	0.4995	0.5005	0.5560	0.0020	0.5383
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.6364	0.3636	0.7179	0.3125	0.5164
breast-cancer-ma	0.6364	0.3636	0.6553	0.2903	0.8322
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4830	0.3447	0.2833	-0.0158	0.4318
car	0.9368	0.0316	0.8482	0.8675	0.2232
car-insurance	0.8300	0.1700	0.8024	0.6047	0.6395
card	0.8261	0.1739	0.8295	0.6253	0.4870
cardiotocography	0.8451	0.0310	0.8146	0.8128	0.1773
cardiotocography-nsp	0.9155	0.0563	0.8531	0.7640	0.3416
cardiovascular	0.7361	0.2639	0.7371	0.4721	0.7654
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7500	0.1667	0.6420	0.5541	0.4786
cas_N6512_cdk_ECFP2	0.7020	0.2980	0.7049	0.4064	0.8083
cas_N6512_rdkit_ATOMPAIR	0.7200	0.2800	0.7236	0.4428	0.7812
cas_N6512_RDkit_AtomPair_FP	0.7224	0.2776	0.7218	0.4432	0.7904
cas_N6512_rdkit_AVALON	0.7665	0.2335	0.7667	0.5324	0.7214
cas_N6512_RDkit_Avalon_FP	0.7699	0.2301	0.7696	0.5387	0.7173
cas_N6512_rdkit_descriptors	0.7554	0.2446	0.7575	0.5119	0.7332
cas_N6512_rdkit_FEATMORGAN	0.7005	0.2995	0.7013	0.4011	0.8163
cas_N6512_RDkit_Featmorgan_FP	0.7546	0.2454	0.7531	0.5063	0.7440
cas_N6512_RDkit_FP	0.7285	0.2715	0.7262	0.4482	0.7743
cas_N6512_rdkit_LAYERED	0.7646	0.2354	0.7633	0.5265	0.7279
cas_N6512_RDkit_Layered_FP	0.7377	0.2623	0.7376	0.4745	0.7674
cas_N6512_rdkit_MACCS	0.7815	0.2185	0.7805	0.5609	0.6989
cas_N6512_RDkit_MACCS_FP	0.7797	0.2203	0.7861	0.5629	0.6730
cas_N6512_rdkit_MORGAN	0.7477	0.2523	0.7481	0.4950	0.7508
cas_N6512_RDkit_morgan_FP	0.7132	0.2868	0.7154	0.4280	0.7954
cas_N6512_rdkit_PATTERN	0.7815	0.2185	0.7798	0.5592	0.6983
cas_N6512_RDkit_pattern_FP	0.7561	0.2439	0.7552	0.5102	0.7410
cas_N6512_rdkit_RDKITFP	0.7158	0.2842	0.7178	0.4330	0.7926
cas_N6512_rdkit_TORSION	0.7203	0.2797	0.7198	0.4391	0.7929
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7306	0.2694	0.7048	0.4096	0.7959
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9572	0.0428	0.7128	0.2079	0.1212
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9419	0.0581	0.8278	0.5889	0.5302
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8430	0.1570	0.7328	0.4516	0.6500
churn-bigml	0.9363	0.0637	0.8767	0.7527	0.4655
ci900367j_MACCS	0.6316	0.3684	0.5984	0.1955	0.9095
circles	0.9830	0.0003	0.9838	0.9828	0.0091
cirrhosis	0.6905	0.2063	0.4644	0.3767	0.4423
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8083	0.0958	0.6669	0.6970	0.3664
climate	0.8889	0.1111	0.4706	-0.0519	0.7116
cll_sub_111	0.5000	0.3333	0.6319	0.2500	0.3755

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5578	0.2948	0.5310	0.2981	0.6942
cnae-9	0.9352	0.0144	0.9402	0.9271	0.0623
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
colon-tumor	0.6667	0.3333	0.4000	0.0000	0.4644
colposcopies-1	0.6897	0.3103	0.6349	0.2606	0.8474
colposcopies-2	0.6552	0.3448	0.6556	0.1104	0.4786
colposcopies-3	0.5517	0.4483	0.4934	-0.0107	0.9381
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.6207	0.3793	0.6202	0.2350	0.8975
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.8710	0.1290	0.8803	0.7328	0.4308
column-3c	0.8065	0.1290	0.7856	0.6842	0.2799
comedy_comparisons1%	0.5285	0.4715	0.5405	0.0270	0.6917
cottonmeloidogyne	0.7500	0.2500	0.7501	0.5001	0.7494
coupon	0.7082	0.2918	0.6985	0.3899	0.8011
crabs	0.7000	0.1500	0.7143	0.6000	0.2963
crowdsourced	0.9392	0.0203	0.7393	0.8737	0.1445
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
customer-churn	0.9834	0.0166	0.7471	0.4570	0.3872
cybersecurity	0.1967	0.2678	0.2047	0.0299	0.7058
cyclopentane	0.5556	0.4444	0.6195	0.1692	0.7428
cylinder-bands	0.7037	0.2963	0.7128	0.3425	0.6183
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8240	0.1760	0.7129	0.4023	0.6643
defect	0.9599	0.0401	0.9228	0.8372	0.1899
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.6250	0.2500	0.8000	0.4419	0.2292
dexter	0.8667	0.1333	0.8742	0.7333	0.4499
df_final	0.6875	0.2083	0.7090	0.5062	0.3810
DIA	0.8000	0.2000	0.7183	0.2727	0.3632
diabetes	0.8462	0.1538	0.8471	0.6486	0.3522
diabetes-risk	0.9202	0.0798	0.8739	0.7447	0.4261
diabetic1%	0.5392	0.3072	0.2366	0.0079	0.3553
diabetic10%	0.5688	0.2875	0.3744	0.1440	0.5269
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.4583	0.5417	0.4144	-0.1642	1.0000
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698
dota210%	0.5534	0.4466	0.5468	0.0786	0.9048
dropout	0.7517	0.1655	0.6386	0.5722	0.4488
drug-01	0.3989	0.1717	0.0818	0.0026	0.3099
drug-02	0.5160	0.1383	0.1273	0.0469	0.3576
drug-03	0.7021	0.0993	0.2308	0.1051	0.3035
drug-04	0.5266	0.1353	0.1275	0.0204	0.3706
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4521	0.1565	0.2696	0.2968	0.4488
drug-07	0.4415	0.1862	0.1544	0.0342	0.3619

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-08	0.5851	0.1185	0.2293	0.1343	0.3430
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5479	0.1292	0.1473	0.1167	0.3596
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6064	0.1125	0.1651	0.1783	0.3296
drug-14	0.5851	0.1185	0.2134	0.2324	0.4038
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.6011	0.1330	0.3421	0.3162	0.3971
drug-17	0.4043	0.1702	0.2312	0.1661	0.4139
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9155	0.0241	0.9288	0.8977	0.1359
ecoli	0.8529	0.0490	0.6954	0.7942	0.1484
ecoliCP-IM	0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM	0.8485	0.1515	0.7857	0.5692	0.6280
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2100	0.3950	0.2075	-0.0521	0.6173
eeg-eye	0.8385	0.1615	0.8365	0.6711	0.5813
eeg10%	0.4315	0.0711	0.4230	0.3666	0.5277
eucalyptus	0.6301	0.1479	0.5655	0.5151	0.3859
euthyroid	0.9462	0.0538	0.8458	0.6915	0.4787
fakenews	0.5050	0.4950	0.3355	0.0000	0.5276
farm-ads	0.8575	0.1425	0.8617	0.7100	0.4831
fbis-wc	0.8455	0.0182	0.7898	0.8243	0.1184
fertility	0.8000	0.2000	0.4444	-0.1111	0.7317
finance	0.6667	0.3333	0.6649	0.3295	0.8612
forest	0.8846	0.0577	0.8750	0.8402	0.1464
gastrointestinal	0.8750	0.0833	0.8743	0.7867	0.1810
gender	0.6084	0.2611	0.4461	0.1645	0.5927
gene	0.9117	0.0589	0.9004	0.8575	0.2500
german	0.7100	0.2900	0.6585	0.2927	0.7913
gestures	0.9315	0.0342	0.9315	0.9087	0.1628
gina	0.9481	0.0519	0.9483	0.8961	0.2677
gisette	0.9671	0.0329	0.9671	0.9343	0.1947
glass	0.7619	0.0794	0.7067	0.6569	0.2065
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP	0.7619	0.2381	0.7698	0.5161	0.6769
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8955	0.7692	0.4308
glassTableware	0.8636	0.1364	0.7471	0.3529	0.4422
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.4667	0.2667	0.5710	0.2857	0.3874
haberman	0.7000	0.3000	0.4118	-0.0630	0.7714
hapt	0.9552	0.0075	0.8430	0.9470	0.0472
har	0.9801	0.0080	0.9786	0.9748	0.0477
har701%	0.9124	0.0250	0.5371	0.8704	0.1115
harth1%	0.8649	0.0225	0.5211	0.8148	0.1760
hayes-roth	0.6250	0.2500	0.6905	0.4074	0.3966
hcc-survival	0.4706	0.5294	0.4074	-0.1679	1.0000
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8148	0.1852	0.8064	0.6110	0.6376

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.7667	0.2333	0.7959	0.5161	0.4448
heart-failure	0.9680	0.0320	0.9632	0.9236	0.1243
heart-quantum	0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis	0.8000	0.2000	0.4444	0.0000	0.3522
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.6818	0.3182	0.6799	0.3593	0.8442
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8887	0.1113	0.7835	0.5535	0.5491
hiva	0.9622	0.0378	0.4904	-0.0045	0.3546
horse	0.5278	0.3148	0.3446	0.0255	0.4843
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9777	0.0223	0.9296	0.8537	0.1688
hypothyroid	0.9920	0.0040	0.7327	0.9532	0.1220
hypothyroidT	0.9973	0.0027	0.9906	0.9810	0.0136
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.8286	0.1714	0.8011	0.6023	0.6420
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9024	0.0075	0.9049	0.8985	0.0860
jm1	0.8099	0.1901	0.6121	0.1561	0.6493
jvowels	0.9719	0.0062	0.9693	0.9681	0.0472
kc1	0.8531	0.1469	0.6744	0.0982	0.2917
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kdc-4007	0.8180	0.0520	0.8187	0.7876	0.2812
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.8745	0.0837	0.8288	0.7925	0.2207
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7023	0.0331	0.7441	0.6670	0.3003
krvskp	0.9624	0.0376	0.9633	0.9248	0.1951
la1s-wc	0.8635	0.0455	0.8446	0.8266	0.1772
la2s-wc	0.8808	0.0397	0.8717	0.8481	0.1759
labor	0.8333	0.1667	0.8537	0.6667	0.4644
letter	0.9345	0.0050	0.9347	0.9318	0.0754
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.7222	0.0370	0.7439	0.7027	0.1017
liver	0.6765	0.3235	0.5565	0.0603	0.7318
loan	0.9813	0.0187	0.9803	0.9597	0.0900
localization10%	0.6353	0.0663	0.3584	0.5262	0.4581
lrs	0.8113	0.0539	0.6169	0.7389	0.1650
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	0.8889	0.1111	0.8000	0.6000	0.5944
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.5556	0.4444	0.5500	0.1000	0.9644
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.6846	0.3154	0.6913	0.3692	0.8055
magic04	0.8595	0.1405	0.8430	0.6790	0.5262
malware	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
mammography	0.8438	0.1562	0.8444	0.6875	0.5712
marketing	0.8705	0.1295	0.6806	0.2760	0.5223
maternal	0.7426	0.1716	0.7497	0.6091	0.4676
math	0.8500	0.0750	0.8009	0.7661	0.2187
mba	0.8323	0.1118	0.3711	0.0520	0.3188
mental-disorders	0.6667	0.1667	0.7273	0.5556	0.2901
mental-health	0.2000	0.3200	0.2032	-0.0110	0.5648
messidor	0.6870	0.3130	0.6774	0.3511	0.8357
meter-A	0.8750	0.1250	0.8730	0.7143	0.3145
meter-B	0.5556	0.2963	0.5820	0.3208	0.4618
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9175	0.9217	0.0489
mfeat-fac	0.9600	0.0080	0.9608	0.9556	0.0477
mfeat-fou	0.7950	0.0410	0.7955	0.7722	0.1654
mfeat-kar	0.9700	0.0060	0.9706	0.9667	0.0376
mfeat-mor	0.7200	0.0560	0.7234	0.6889	0.2076
mfeat-pix	0.9650	0.0070	0.9656	0.9611	0.0441
mfeat-zer	0.8100	0.0380	0.8120	0.7889	0.1393
mice-prot	0.9630	0.0093	0.9612	0.9576	0.0387
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5647	0.4826	0.3913
mobile	0.9336	0.0024	0.9443	0.9324	0.0301
monks-1	0.8000	0.2000	0.8264	0.5969	0.4280
monks-2	0.8033	0.1967	0.7752	0.5436	0.6650
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5261	0.0862	0.5683	0.4270	0.4936
musk	0.9303	0.0697	0.8559	0.6912	0.3388
MUT_ci300400a_cdk_ECFP2	0.7626	0.2374	0.7579	0.5154	0.7335
MUT_ci300400a_cdk_ECFP4	0.7725	0.2275	0.7670	0.5339	0.7188
MUT_ci300400a_cdk_ECFP6	0.7389	0.2611	0.7350	0.4690	0.7679
MUT_ci300400a_cdk_ESTATE	0.7506	0.2494	0.7424	0.4846	0.7550
MUT_ci300400a_cdk_EXTENDED	0.7842	0.2158	0.7787	0.5573	0.6991
MUT_ci300400a_cdk_FCFP2	0.7605	0.2395	0.7539	0.5077	0.7392
MUT_ci300400a_cdk_FCFP4	0.7326	0.2674	0.7261	0.4522	0.7806
MUT_ci300400a_cdk_FCFP6	0.7470	0.2530	0.7398	0.4795	0.7604
MUT_ci300400a_cdk_MACCS	0.7914	0.2086	0.7857	0.5713	0.6866
MUT_ci300400a_cdk_PUBCHEM	0.8012	0.1988	0.7940	0.5867	0.6650
MUT_ci300400a_cdk_STANDARD	0.7868	0.2132	0.7786	0.5546	0.6884
MUT_ci300400a_rdkit_descriptors	0.7932	0.2068	0.7870	0.5722	0.6769
myocardial	0.8824	0.0294	0.2939	0.4010	0.0956
ncRNA1%	0.9119	0.0093	0.4946	0.7464	0.3430
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	1.0000	0.0000	1.0000	1.0000	0.0000
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5139	0.3241	0.3066	-0.0084	0.4955
nursery	0.9753	0.0123	0.9518	0.9638	0.0699
obesity	0.9242	0.0217	0.9238	0.9114	0.1038
obs	1.0000	0.0000	1.0000	1.0000	0.0000
occupancy	0.9908	0.0092	0.9873	0.9743	0.1107
Occupancy_Estimation	0.9931	0.0035	0.9784	0.9789	0.0371
oh0-wc	0.9505	0.0099	0.9420	0.9437	0.0646
oh10-wc	0.7714	0.0457	0.7574	0.7404	0.1957
oh15-wc	0.9022	0.0196	0.9023	0.8889	0.0971
oh5-wc	0.9231	0.0154	0.9214	0.9132	0.0737
olive	0.9123	0.0195	0.8938	0.8896	0.0495
opn310k10%	0.9275	0.0725	0.7257	0.4003	0.4727

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
optdigits	0.9680	0.0064	0.9698	0.9644	0.0467
optdigitsZ	0.9947	0.0053	0.9834	0.9668	0.0845
ovarian-cancer	0.9200	0.0800	0.9231	0.8344	0.3322
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8299	0.1701	0.8099	0.6197	0.6297
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8972	0.7934	0.4389
p53-mutants10%	0.9936	0.0064	0.4984	-0.0032	0.5148
page-blocks	0.9726	0.0110	0.8843	0.8400	0.1788
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.8483	0.1517	0.8382	0.6763	0.5773
parkinsons-small	0.8421	0.1579	0.7920	0.4956	0.3261
particle10%	0.9208	0.0792	0.9022	0.8043	0.4139
pc1	0.9189	0.0811	0.6396	0.2671	0.6352
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.8015	0.5217	0.3086
pediatric-leukemia	0.7059	0.0840	0.6540	0.6352	0.2644
pendigits	0.9909	0.0018	0.9911	0.9899	0.0164
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.5556	0.4444	0.5791	0.1429	0.8628
persistency	0.8105	0.1895	0.7950	0.5879	0.6529
pet-adoption	0.9200	0.0800	0.9088	0.8119	0.3381
phishing	0.9510	0.0490	0.9485	0.8968	0.2646
phone-acc0.1%	0.8270	0.0494	0.8119	0.7975	0.1810
phone-gyr0.1%	0.8557	0.0412	0.8473	0.8311	0.1780
phoneme	0.8574	0.1426	0.8166	0.6244	0.5569
pima	0.7105	0.2895	0.6877	0.3647	0.8000
placement	0.7780	0.2220	0.7749	0.5488	0.7059
plant-growth	0.4737	0.5263	0.3214	0.0000	0.5305
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5746	0.1215	0.1674	0.1873	0.2947
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9500	0.0500	0.6604	0.1589	0.2975
polish-5th	0.9526	0.0474	0.7822	0.4968	0.2932
polya	0.7838	0.2162	0.7627	0.5251	0.7126
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7062	0.4118	0.8115
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9837	0.0065	0.9756	0.9781	0.0451
pulsar	0.9832	0.0168	0.9485	0.8950	0.1580
raisin	0.8889	0.1111	0.8893	0.7778	0.4596
re0-wc	0.7933	0.0318	0.5989	0.7223	0.2545
re1-wc	0.7952	0.0164	0.5507	0.7642	0.1305
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
rice	0.9857	0.0143	0.9856	0.9711	0.1014
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6560	0.3440	0.6377	0.2738	0.8796
satimage	0.8942	0.0353	0.8776	0.8692	0.1658
satimageF	0.9844	0.0156	0.9591	0.9178	0.1662
satimageT	0.9378	0.0622	0.8036	0.5620	0.3412

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.5000	0.0000	0.8489
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9481	0.0148	0.9543	0.9393	0.0651
segmentation	0.8119	0.1881	0.8028	0.6023	0.6508
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9419	0.0581	0.7093	0.1994	0.1524
semeion	0.9937	0.0063	0.9824	0.9643	0.0284
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8737	0.1263	0.6404	0.0934	0.3668
sens-3-gram	0.8711	0.1289	0.6196	0.0615	0.3715
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8789	0.1211	0.6620	0.1770	0.4180
sens-6-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sepsis	0.9092	0.0908	0.4762	-0.0003	0.2244
shoppers	0.8986	0.1014	0.7893	0.5715	0.5537
sick	0.9629	0.0371	0.8397	0.6760	0.4281
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9951	0.0049	0.9925	0.9850	0.0338
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2200	0.3900	0.0932	-0.0495	0.5420
smk_can_187	0.5263	0.4737	0.5444	0.0757	0.9099
soil_pollution	0.2067	0.3173	0.1501	0.0013	0.6630
solar-flare	0.7338	0.0887	0.5326	0.6556	0.1751
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9706	0.0031	0.9421	0.9676	0.0134
spam-detection	0.9550	0.0450	0.8745	0.7467	0.4674
spambase	0.9413	0.0587	0.9385	0.8760	0.2880
spect	0.8000	0.2000	0.6640	0.3243	0.7582
spectf	0.8286	0.1714	0.7887	0.4878	0.3453
splice-EI	0.9527	0.0473	0.9382	0.8761	0.3109
splice-IE	0.9054	0.0946	0.8690	0.7380	0.4875
sport-articles	0.8100	0.1900	0.8002	0.5992	0.6575
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	0.9785	0.0215	0.9773	0.9537	0.1496
steel_industry	0.8995	0.0670	0.8724	0.8367	0.2303
steel-b	0.8256	0.1744	0.7238	0.4452	0.7026
steel-d	0.9744	0.0256	0.7350	0.4328	0.4212
steel-k	0.9795	0.0205	0.9683	0.9347	0.0802
steel-o	0.7949	0.2051	0.7727	0.5453	0.6955
steel-p	0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s	0.9846	0.0154	0.8934	0.7617	0.0555
steel-z	0.9641	0.0359	0.8957	0.7910	0.3671
stock	0.9097	0.0903	0.8413	0.6805	0.5000
stockb	0.9956	0.0029	0.9956	0.9934	0.0159
streaming	0.9920	0.0080	0.9919	0.9838	0.0642
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6500	0.1400	0.3641	0.4173	0.3878
student-habits	0.3600	0.2560	0.1059	-0.0316	0.3913
student-weekend	0.4308	0.2277	0.3837	0.1585	0.4577
student-workday	0.6875	0.1250	0.1630	-0.0159	0.3494
studentap	0.3846	0.4103	0.3344	0.0370	0.6267
susy1%	0.7980	0.2020	0.7973	0.5881	0.6490
tae	0.5333	0.3111	0.5333	0.3000	0.7095
telco-churn	0.9062	0.0938	0.8767	0.7512	0.4445
texture	0.9745	0.0046	0.9759	0.9719	0.0362

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
theorem	0.9755	0.0245	0.9750	0.9497	0.1605
thoracic	0.7872	0.2128	0.4405	-0.0981	0.8198
thrombin	0.9507	0.0493	0.4874	-0.0247	0.6122
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.9263	0.0737	0.9167	0.8312	0.3434
tis10%	0.8657	0.1343	0.8070	0.5971	0.5309
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tox_171	0.7059	0.1471	0.7308	0.6065	0.2966
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
transfusion	0.6800	0.3200	0.5614	0.1228	0.8702
trec12-wc	0.9677	0.0081	0.9686	0.9613	0.0213
trec21-wc	0.9394	0.0242	0.9401	0.8648	0.0521
trec31-wc	0.9570	0.0143	0.9509	0.9427	0.0772
trec41-wc	0.9659	0.0068	0.9637	0.9585	0.0552
trec45-wc	0.8986	0.0203	0.8230	0.8816	0.0917
tuandromd	0.9818	0.0182	0.9715	0.9427	0.1915
turkish	0.8500	0.0750	0.8484	0.8000	0.1834
tvnews1%	0.8923	0.1077	0.8833	0.7627	0.4401
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9646	0.0354	0.6787	0.0690	0.1045
urban	0.8657	0.0299	0.8832	0.8427	0.1267
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7738	0.1131	0.7275	0.6934	0.2110
vehicleVAN	0.9643	0.0357	0.9523	0.9000	0.1262
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6061	0.0716	0.6711	0.5667	0.2359
vowelZ	0.9293	0.0707	0.7480	0.3419	0.1774
wap-wc	0.8077	0.0192	0.6287	0.7844	0.1231
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9226	0.0221	0.9211	0.9095	0.1103
watch-gyr1%	0.9148	0.0243	0.9123	0.9005	0.1112
water_pollution	0.2633	0.3683	0.1810	0.0055	0.5227
waveform	0.8380	0.1080	0.8381	0.7570	0.3692
weather-related	0.9712	0.0052	0.9728	0.9673	0.0386
web-phishing	0.8593	0.0938	0.7706	0.7515	0.4138
Weekly	0.9907	0.0093	0.9907	0.9813	0.0680
white-clover	0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9772	0.0228	0.8693	0.7324	0.3274
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6415	0.1195	0.3133	0.4175	0.4479
winequality-white	0.6074	0.1309	0.3966	0.3907	0.4628
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yeast	0.5676	0.0961	0.4320	0.4398	0.3692
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9932	0.0068	0.9318	0.8538	0.0283
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9430	0.0114	0.9375	0.9361	0.0915

Table 523: Detailed results for ExtraTrees(SK) Noise 20%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.0959	0.0786	0.0915	0.0503	0.7469
abalone19	0.8493	0.1507	0.5457	0.0173	0.1083
abalone9-18	0.7671	0.2329	0.6509	0.1873	0.4207
accelerometer	0.9300	0.0700	0.6893	0.2558	0.4008
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.9695	0.0305	0.9346	0.8663	0.2126
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8413	0.1587	0.4569	-0.0853	0.7270
AID_1431_KlekotaRothFingerprinter	0.7143	0.2857	0.4167	-0.1380	0.5841
AID_1431_MACCSFingerprinter	0.8175	0.1825	0.4498	-0.1002	0.7001
AID_1878	0.7238	0.2762	0.5614	0.1222	0.8144
AID_602330	0.9062	0.0938	0.4754	-0.0485	0.5917
AID_652128	0.7677	0.1549	0.4077	0.0560	0.5601
AID1284Morered	0.8056	0.1944	0.5570	0.1127	0.7808
AID1284red	0.7778	0.2222	0.6049	0.2044	0.7424
AID1608Morered	0.8350	0.1650	0.5114	0.0212	0.6157
AID1608red	0.6796	0.3204	0.4602	-0.0436	0.4065
AID362red	0.7967	0.2033	0.4434	-0.0268	0.1506
AID439Morered	0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red	1.0000	0.0000	1.0000	1.0000	0.0000
AID456red	0.9218	0.0782	0.4797	-0.0058	0.0690
AID644Morered	0.5500	0.4500	0.5770	0.1346	0.8335
AID644red	0.6500	0.3500	0.6428	0.2708	0.8198
AID721morered	0.8889	0.1111	0.8333	0.6087	0.2605
AID721red	0.8889	0.1111	0.8333	0.6087	0.2605
aids	0.8732	0.1268	0.8318	0.6631	0.5754
air_pollution	0.2567	0.2124	0.1499	0.0183	0.8817
alcohol	0.7810	0.0876	0.6032	0.5875	0.5427
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.7860	0.2140	0.7706	0.5401	0.7053
anneal	0.8202	0.0719	0.8134	0.6965	0.2476
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9722	0.0278	0.7578	0.3664	0.4238
anuran-family	0.9708	0.0146	0.9301	0.9446	0.1146
anuran-genus	0.9611	0.0097	0.8941	0.9370	0.2186
anuran-species	0.9708	0.0058	0.9446	0.9596	0.1039
anxiety	0.0833	0.2037	0.0876	-0.0325	0.8482
apple-quality	0.8350	0.1650	0.8364	0.6700	0.5839
arabidopsis0.1%	0.9882	0.0118	0.4970	-0.0044	0.5347
arcene	0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia	0.7111	0.0578	0.6550	0.5679	0.3264
auction	0.8088	0.1912	0.7742	0.4653	0.5503
audiology	0.7826	0.0362	0.6591	0.7522	0.0986
audit-risk	0.9872	0.0128	0.9869	0.9734	0.0949
autism-adolescent	0.9091	0.0909	0.9141	0.8136	0.3522
autism-adult	0.9857	0.0143	0.9820	0.9633	0.0649
autism-child	0.8621	0.1379	0.8619	0.7238	0.5324
autos	0.7000	0.1200	0.7092	0.6129	0.3336
avila	0.9497	0.0084	0.8792	0.9358	0.2841
babies	0.2339	0.2189	0.2104	0.0722	0.7523
balance	0.7097	0.1935	0.5986	0.5342	0.4773
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8917	0.1083	0.8830	0.7543	0.3968
basehock	0.9648	0.0352	0.9650	0.9297	0.1998

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8952	0.1048	0.8912	0.7810	0.4580
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.8587	0.0404	0.2433	0.0700	0.2701
body-perf	0.7216	0.1392	0.7218	0.6289	0.4215
brain-tumor	0.5140	0.4860	0.5140	0.0279	0.9919
breast-cancer	0.6429	0.3571	0.6258	0.2391	0.8288
breast-cancer-co	0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma	0.8182	0.1818	0.8451	0.6452	0.4308
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.7000	0.1000	0.5919	0.5946	0.1656
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.7500	0.2500	0.7333	0.4667	0.7630
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.3750	0.4167	0.3007	-0.0607	0.8334
car	0.8736	0.0632	0.8093	0.7606	0.4462
car-insurance	0.8140	0.1860	0.8037	0.5969	0.6396
card	0.9130	0.0870	0.9108	0.8216	0.3987
cardiotocography	0.8451	0.0310	0.8294	0.8174	0.2252
cardiotocography-nsp	0.8732	0.0845	0.8006	0.6956	0.4633
cardiovascular	0.7001	0.2999	0.7010	0.4002	0.8162
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7250	0.1833	0.6529	0.5383	0.4754
cas_N6512_cdk_ECFP2	0.7419	0.2581	0.7423	0.4834	0.7597
cas_N6512_rdkit_ATOMPAIR	0.7477	0.2523	0.7479	0.4948	0.7514
cas_N6512_RDkit_AtomPair_FP	0.7592	0.2408	0.7586	0.5168	0.7355
cas_N6512_rdkit_AVALON	0.7773	0.2227	0.7794	0.5555	0.6964
cas_N6512_RDkit_Avalon_FP	0.7822	0.2178	0.7829	0.5643	0.6930
cas_N6512_rdkit_descriptors	0.7554	0.2446	0.7564	0.5110	0.7369
cas_N6512_rdkit_FEATMORGAN	0.7312	0.2688	0.7299	0.4597	0.7791
cas_N6512_RDkit_Featmorgan_FP	0.7577	0.2423	0.7579	0.5148	0.7358
cas_N6512_RDkit_FP	0.7408	0.2592	0.7415	0.4816	0.7604
cas_N6512_rdkit_LAYERED	0.7477	0.2523	0.7508	0.4974	0.7416
cas_N6512_RDkit_Layered_FP	0.7469	0.2531	0.7456	0.4912	0.7558
cas_N6512_rdkit_MACCS	0.7631	0.2369	0.7613	0.5226	0.7305
cas_N6512_RDkit_MACCS_FP	0.7827	0.2173	0.7852	0.5666	0.6855
cas_N6512_rdkit_MORGAN	0.7923	0.2077	0.7910	0.5820	0.6800
cas_N6512_RDkit_morgan_FP	0.7638	0.2362	0.7647	0.5277	0.7236
cas_N6512_rdkit_PATTERN	0.7785	0.2215	0.7799	0.5574	0.6969
cas_N6512_RDkit_pattern_FP	0.7531	0.2469	0.7548	0.5071	0.7380
cas_N6512_rdkit_RDKITFP	0.7358	0.2642	0.7366	0.4718	0.7675
cas_N6512_rdkit_TORSION	0.7547	0.2453	0.7568	0.5105	0.7341
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7409	0.2591	0.7580	0.4874	0.6864
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.8705	0.1295	0.6526	0.2369	0.4980
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.8538	0.1462	0.5736	0.1194	0.5186
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9186	0.0814	0.7920	0.5474	0.5772
cervical-C	0.6628	0.3372	0.5243	0.0250	0.3904
cervical-H	0.8953	0.1047	0.7730	0.4300	0.4858
cervical-S	0.8953	0.1047	0.7983	0.5547	0.5784
chrom191%	0.8454	0.1546	0.6517	0.0127	0.0215
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.7750	0.2250	0.7084	0.4039	0.7272
churn-bigml	0.8277	0.1723	0.7490	0.4678	0.6472
ci900367j_MACCS	0.5789	0.4211	0.5674	0.1336	0.9324
circles	1.0000	0.0000	1.0000	1.0000	0.0000
cirrhosis	0.6190	0.2540	0.4402	0.2985	0.5679
cjs	0.9929	0.0024	0.9920	0.9913	0.0173

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7759	0.1120	0.6642	0.6634	0.4830
climate	0.8704	0.1296	0.5771	0.1525	0.6728
cll_sub_111	0.4167	0.3889	0.4792	0.0870	0.5672
cm1	0.7600	0.2400	0.5089	0.0164	0.6672
cmc	0.5510	0.2993	0.5379	0.3107	0.6968
cnae-9	0.9074	0.0206	0.9147	0.8958	0.0919
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.8400	0.0213	0.7931	0.8229	0.0881
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.7241	0.2759	0.7108	0.4171	0.7845
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.6207	0.3793	0.5909	0.1671	0.8893
colposcopies-4	0.6897	0.3103	0.6266	0.2521	0.8468
colposcopies-5	0.8276	0.1724	0.7217	0.4402	0.7050
colposcopies-6	0.5517	0.4483	0.5491	0.0959	0.9600
colposcopies-c	0.7586	0.2414	0.6545	0.3072	0.7986
column-2c	0.8387	0.1613	0.8565	0.6737	0.4644
column-3c	0.8065	0.1290	0.7873	0.6915	0.3578
comedy_comparisons1%	0.5189	0.4811	0.5109	0.0171	0.9176
cottonmeloidogyne	0.7788	0.2212	0.7803	0.5581	0.6947
coupon	0.7185	0.2815	0.7138	0.4275	0.7992
crabs	0.8500	0.0750	0.8541	0.8000	0.1893
crowdsourced	0.9300	0.0233	0.8293	0.8612	0.3055
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.4688	0.0332	0.4292	0.4516	0.1063
customer-churn	0.8064	0.1936	0.6710	0.1345	0.2327
cybersecurity	0.1567	0.2811	0.1565	-0.0115	0.8871
cyclopentane	0.5926	0.4074	0.5843	0.1681	0.9372
cylinder-bands	0.7037	0.2963	0.6971	0.3941	0.8201
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.5385	0.4615	0.3500	-0.1471	0.4353
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7887	0.2113	0.7112	0.4201	0.7418
defect	0.9198	0.0802	0.8535	0.7068	0.5074
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.7203	0.2797	0.5728	0.1414	0.7816
dermatology	0.9730	0.0090	0.9729	0.9662	0.0254
desharnais	0.2500	0.5000	0.1905	-0.0909	0.4340
dexter	0.8833	0.1167	0.8942	0.7667	0.3405
df_final	0.5625	0.2917	0.5664	0.3488	0.4283
DIA	0.8000	0.2000	0.7037	0.3846	0.6952
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-risk	0.8731	0.1269	0.8386	0.6614	0.5669
diabetic1%	0.4118	0.3922	0.3454	0.0000	0.8082
diabetic10%	0.4931	0.3379	0.4172	0.1455	0.7773
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.5000	0.5000	0.5000	0.0000	0.8322
dlbcl-nih	0.4583	0.5417	0.4647	-0.0685	0.9943
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698
dota210%	0.5563	0.4437	0.5541	0.1082	0.9643
dropout	0.7449	0.1701	0.7022	0.5920	0.4734
drug-01	0.2606	0.2112	0.1951	0.0547	0.8655

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-02	0.4309	0.1626	0.2893	0.2530	0.7646
drug-03	0.4681	0.1773	0.2339	0.1474	0.7128
drug-04	0.3298	0.1915	0.2237	0.1317	0.7914
drug-05	0.4362	0.1611	0.2032	0.0683	0.7050
drug-06	0.3830	0.1763	0.2764	0.2416	0.6480
drug-07	0.3457	0.2181	0.2174	0.0711	0.8656
drug-08	0.3777	0.1778	0.2221	0.1588	0.7067
drug-09	0.6436	0.1188	0.2168	0.1426	0.6296
drug-10	0.5000	0.1429	0.2669	0.2531	0.7908
drug-11	0.5372	0.1322	0.1708	0.0836	0.6767
drug-12	0.5372	0.1543	0.2529	0.0320	0.7572
drug-13	0.5106	0.1398	0.1995	0.2467	0.8212
drug-14	0.4947	0.1444	0.2800	0.2811	0.7305
drug-15	0.5319	0.1337	0.1837	0.1150	0.8361
drug-16	0.5266	0.1578	0.3490	0.3373	0.6469
drug-17	0.3245	0.1930	0.3001	0.1788	0.7596
drug-18	0.9894	0.0106	0.4973	-0.0053	0.5229
drug-19	0.4574	0.1550	0.1936	0.1195	0.6677
drybean	0.9111	0.0254	0.9225	0.8926	0.1383
ecoli	0.9118	0.0294	0.7635	0.8755	0.0706
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.8012	0.5769	0.6201
ecoliMU	0.6667	0.3333	0.6084	0.1418	0.5012
ecoliOM	0.7576	0.2424	0.5860	0.1141	0.4639
ecommerce	0.2800	0.3600	0.2782	0.0417	0.8305
eeg-eye	0.8652	0.1348	0.8635	0.7269	0.5258
eeg10%	0.3858	0.0768	0.4108	0.3305	0.6398
eucalyptus	0.6164	0.1534	0.5994	0.5145	0.4241
euthyroid	0.6930	0.3070	0.6768	0.2390	0.4881
fakenews	0.5150	0.4850	0.5150	0.0300	0.9913
farm-ads	0.8913	0.1087	0.8921	0.7801	0.4336
fbis-wc	0.8211	0.0210	0.7811	0.7992	0.1707
fertility	0.5000	0.5000	0.3333	-0.1905	0.5180
finance	0.5686	0.4314	0.5720	0.1422	0.9433
fishcatch	0.9375	0.0208	0.9554	0.9220	0.0612
flags	0.5000	0.1429	0.3824	0.3994	0.3075
forest	0.9231	0.0385	0.9008	0.8943	0.1218
gastrointestinal	0.5625	0.2917	0.4517	0.2821	0.6133
gender	0.5368	0.3088	0.4660	0.1949	0.7300
gene	0.9306	0.0463	0.9223	0.8891	0.2095
german	0.7100	0.2900	0.6792	0.3584	0.8249
gestures	0.9435	0.0283	0.9436	0.9247	0.1311
gina	0.9510	0.0490	0.9510	0.9020	0.2622
gisette	0.9643	0.0357	0.9644	0.9286	0.2035
glass	0.9048	0.0317	0.9246	0.8704	0.1239
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.8095	0.1905	0.8397	0.6316	0.4644
glassBWNFP	0.7619	0.2381	0.8063	0.5455	0.5068
glassContainers	0.8636	0.1364	0.7969	0.5075	0.5239
glassNW	0.9524	0.0476	0.9420	0.8772	0.3145
glassTableware	0.7727	0.2273	0.7019	0.2254	0.3467
glassVWFP	0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.7500	0.2500	0.6667	0.3333	0.7987
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8707	0.7360	0.5042
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.2667	0.3667	0.3356	0.0782	0.6045

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gsalc	0.8889	0.0370	0.9167	0.8657	0.0530
haberman	0.6333	0.3667	0.6171	0.2180	0.8151
hapt	0.9424	0.0096	0.8329	0.9319	0.0756
har	0.9862	0.0055	0.9851	0.9826	0.0352
har701%	0.8903	0.0314	0.5735	0.8430	0.3321
harth1%	0.8565	0.0239	0.5901	0.8067	0.3483
hayes-roth	0.7500	0.1667	0.8049	0.6098	0.3148
hcc-survival	0.6471	0.3529	0.6550	0.3014	0.8522
health-activity	0.7000	0.1500	0.2497	0.0244	0.5177
heart	0.8519	0.1481	0.8548	0.7017	0.5386
heart-attack	0.8387	0.1613	0.8389	0.6764	0.5837
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9500	0.0500	0.9429	0.8853	0.2983
heart-quantum	0.8800	0.1200	0.8922	0.7619	0.3833
hepatitis	0.8000	0.2000	0.8077	0.5455	0.5283
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.8571	0.1429	0.8250	0.5882	0.3145
hERG-9inputs	0.4615	0.5385	0.5291	0.0421	0.7374
higgs0.1%	0.6800	0.3200	0.6781	0.3559	0.8466
higher	0.1429	0.2143	0.2143	-0.0120	0.3542
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8870	0.1130	0.8359	0.6558	0.5674
hiva	0.9220	0.0780	0.5839	0.1572	0.5665
horse	0.6389	0.2407	0.6303	0.3624	0.4979
hr	0.7754	0.2246	0.5033	0.0065	0.7931
htru2	0.9575	0.0425	0.8890	0.7713	0.4624
hypothyroid	0.7931	0.1034	0.5167	0.3876	0.4248
hypothyroidT	0.8727	0.1273	0.7836	0.4809	0.5322
ilpd	0.6949	0.3051	0.6282	0.2563	0.8528
immuno-therapy	0.8889	0.1111	0.8784	0.7273	0.4644
instagram	0.9607	0.0197	0.9616	0.9476	0.0753
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9140	0.0066	0.9168	0.9106	0.0750
jm1	0.7392	0.2608	0.6544	0.2969	0.7594
jvowels	0.9659	0.0076	0.9642	0.9613	0.0573
kc1	0.6967	0.3033	0.6165	0.2041	0.7017
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.5385	0.1846	0.1647	0.1522	0.4205
kc1-class-level-top5percentDF	0.7333	0.2667	0.4231	-0.1111	0.4921
kc2	0.7692	0.2308	0.7447	0.4536	0.6691
kdc-4007	0.7830	0.0620	0.7872	0.7468	0.3137
kddcup981%	0.8842	0.1158	0.5501	0.0952	0.6045
kddcup9810%	0.9424	0.0576	0.4852	-0.0113	0.4872
kepler	0.8703	0.0865	0.8228	0.7867	0.2304
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.6332	0.0408	0.5908	0.5953	0.5744
krvskp	0.9749	0.0251	0.9750	0.9498	0.1553
la1s-wc	0.8730	0.0423	0.8517	0.8409	0.2014
la2s-wc	0.8775	0.0408	0.8529	0.8462	0.2065
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.6176	0.0332	0.5244	0.5963	0.1061
led24	0.7000	0.0667	0.6758	0.6562	0.1547
lenses	1.0000	0.0000	1.0000	1.0000	0.0000
letter	0.9420	0.0045	0.9423	0.9397	0.0662
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.8333	0.0222	0.8303	0.8213	0.0621
liver	0.5588	0.4412	0.5520	0.0989	0.9009
loan	0.9508	0.0492	0.9498	0.8972	0.2689
localization10%	0.5552	0.0809	0.4252	0.4741	0.7091
lrs	0.8302	0.0485	0.6591	0.7702	0.2086
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.8889	0.1111	0.8000	0.6000	0.5944
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.3333	0.6667	0.2500	0.0000	0.5000
lupus	0.6667	0.3333	0.6750	0.3415	0.8344
lymphography	0.7143	0.1905	0.7307	0.5172	0.4814
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9255	0.0745	0.9251	0.8483	0.3553
madelon	0.5962	0.4038	0.5968	0.1923	0.9283
magic04	0.8369	0.1631	0.8230	0.6457	0.6111
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8347	0.6671	0.5906
marketing	0.8438	0.1562	0.7599	0.4977	0.6468
maternal	0.6931	0.2046	0.6980	0.5335	0.5310
math	0.6750	0.1625	0.6373	0.5194	0.4516
mba	0.6403	0.2398	0.4804	0.2401	0.5083
mental-disorders	0.8333	0.0833	0.8537	0.7778	0.1551
mental-health	0.2167	0.3133	0.2145	0.0202	0.8632
messidor	0.6435	0.3565	0.6465	0.2894	0.8732
meter-A	0.6250	0.3750	0.3846	0.0000	0.4882
meter-B	0.7778	0.1481	0.8497	0.6667	0.1944
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.9444	0.0278	0.9583	0.9234	0.0743
mfeat-fac	0.9600	0.0080	0.9603	0.9556	0.0504
mfeat-fou	0.7950	0.0410	0.7982	0.7722	0.1628
mfeat-kar	0.9750	0.0050	0.9768	0.9722	0.0286
mfeat-mor	0.6900	0.0620	0.6906	0.6556	0.2124
mfeat-pix	0.9700	0.0060	0.9709	0.9667	0.0377
mfeat-zer	0.7900	0.0420	0.7901	0.7667	0.1387
mice-prot	0.9907	0.0023	0.9913	0.9894	0.0109
milk	0.9906	0.0063	0.9919	0.9855	0.0311
mines	0.5588	0.1765	0.5561	0.4481	0.4665
mobile	0.9510	0.0017	0.9550	0.9502	0.0224
monks-1	0.8364	0.1636	0.8553	0.6707	0.3950
monks-2	0.7213	0.2787	0.7203	0.4280	0.7620
monks-3	0.9107	0.0893	0.9133	0.8219	0.3741
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4539	0.0993	0.4908	0.3765	0.6103
musk	0.8939	0.1061	0.8249	0.6403	0.5799
MUT_ci300400a_cdk_ECFP2	0.7710	0.2290	0.7725	0.5398	0.7047
MUT_ci300400a_cdk_ECFP4	0.7940	0.2060	0.7946	0.5848	0.6678
MUT_ci300400a_cdk_ECFP6	0.7641	0.2359	0.7605	0.5199	0.7294
MUT_ci300400a_cdk_ESTATE	0.7266	0.2734	0.7269	0.4500	0.7755
MUT_ci300400a_cdk_EXTENDED	0.7962	0.2038	0.7955	0.5879	0.6678
MUT_ci300400a_cdk_FCFP2	0.7557	0.2443	0.7540	0.5056	0.7379
MUT_ci300400a_cdk_FCFP4	0.7722	0.2278	0.7735	0.5420	0.7032
MUT_ci300400a_cdk_FCFP6	0.7626	0.2374	0.7634	0.5223	0.7204
MUT_ci300400a_cdk_MACCS	0.7914	0.2086	0.7883	0.5755	0.6826

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_PUBCHEM	0.8072	0.1928	0.8065	0.6099	0.6475
MUT_ci300400a_cdk_STANDARD	0.7856	0.2144	0.7831	0.5646	0.6913
MUT_ci300400a_rdkit_descriptors	0.7932	0.2068	0.7934	0.5837	0.6716
myocardial	0.8412	0.0397	0.3304	0.4451	0.3871
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7251	0.0289	0.3544	0.4805	1.0000
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.9211	0.8293	0.4011
new3s-wc	0.8193	0.0082	0.8317	0.8138	0.1300
NHANES_age_prediction	0.9383	0.0617	0.9087	0.8004	0.4263
NPHA-doctor-visits	0.3194	0.4537	0.3062	-0.0484	0.7624
nursery	0.9622	0.0189	0.9279	0.9449	0.1365
obesity	0.8531	0.0420	0.8542	0.8286	0.1798
obs	0.9259	0.0370	0.9263	0.8919	0.1782
occupancy	0.9893	0.0107	0.9854	0.9704	0.1237
Occupancy_Estimation	0.9862	0.0069	0.9631	0.9587	0.1283
oh0-wc	0.8911	0.0218	0.9022	0.8764	0.1024
oh10-wc	0.8286	0.0343	0.8045	0.8053	0.1635
oh15-wc	0.9130	0.0174	0.9124	0.9015	0.0898
oh5-wc	0.8571	0.0286	0.8531	0.8383	0.1306
ohscal-wc	0.7814	0.0437	0.7688	0.7556	0.2885
olive	0.9123	0.0195	0.9098	0.8911	0.0791
opn310k10%	0.9123	0.0877	0.7339	0.4676	0.6269
optdigits	0.9626	0.0075	0.9656	0.9585	0.0513
optdigitsZ	0.9822	0.0178	0.9504	0.8976	0.3086
orl	0.9750	0.0013	0.9687	0.9744	0.0042
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9447	0.0553	0.5968	0.1935	0.6177
ozone8hr	0.8735	0.1265	0.6217	0.2371	0.6597
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8402	0.1598	0.8314	0.6579	0.5948
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%	0.9809	0.0191	0.4952	-0.0053	0.2341
page-blocks	0.8684	0.0527	0.6664	0.5441	0.5154
parkinson	0.9500	0.0500	0.9500	0.8978	0.2648
parkinsons	0.8531	0.1469	0.8474	0.6932	0.5643
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.9054	0.0946	0.8903	0.7764	0.4630
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.7928	0.2072	0.6074	0.1692	0.5497
pcmac	0.5258	0.4742	0.5074	0.0147	0.9862
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.7944	0.5769	0.5763
pediatric-leukemia	0.7941	0.0588	0.7304	0.7463	0.1905
pendigits	0.9845	0.0031	0.9848	0.9828	0.0245
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.3333	0.6667	0.3415	-0.2857	0.9644
persistency	0.8134	0.1866	0.8065	0.6108	0.6463
pet-adoption	0.8900	0.1100	0.8748	0.7493	0.4843
phishing	0.9551	0.0449	0.9528	0.9056	0.2507
phone-acc0.1%	0.7948	0.0586	0.7794	0.7599	0.1985
phone-gyr0.1%	0.8284	0.0490	0.8179	0.7991	0.1967
phoneme	0.8185	0.1815	0.8209	0.6115	0.5805
pima	0.7105	0.2895	0.6939	0.3871	0.8164
placement	0.7890	0.2110	0.7866	0.5718	0.6855
plant-growth	0.5789	0.4211	0.5778	0.1556	0.9466
plrx	0.6111	0.3889	0.4834	-0.0328	0.9365

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
poker1%	0.3717	0.1795	0.1670	0.0040	0.9331
polish-1st	0.9161	0.0839	0.5255	0.0496	0.5848
polish-2nd	0.9253	0.0747	0.5389	0.0775	0.6137
polish-3rd	0.9200	0.0800	0.5416	0.0832	0.6472
polish-4th	0.8939	0.1061	0.6265	0.2354	0.6003
polish-5th	0.8917	0.1083	0.6702	0.3281	0.6375
polya	0.7751	0.2249	0.7521	0.5034	0.7271
post-operative	0.4444	0.5556	0.3077	-0.3636	1.0000
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7092	0.4118	0.7961
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3939	0.0932	0.3379	0.3340	0.2892
profb	0.5821	0.4179	0.5903	0.1684	0.8675
promoters	1.0000	0.0000	1.0000	1.0000	0.0000
prostate	0.8571	0.1429	0.8750	0.7200	0.4011
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio10%	0.9759	0.0097	0.9515	0.9676	0.0611
pulsar	0.9649	0.0351	0.9078	0.8101	0.4228
raisin	0.8778	0.1222	0.8801	0.7556	0.4709
rcv11%	0.7407	0.0126	0.4781	0.7173	0.4140
re0-wc	0.7400	0.0400	0.7142	0.6857	0.3821
re1-wc	0.7771	0.0178	0.6971	0.7535	0.2810
rejafada	0.8090	0.1910	0.7041	0.2219	0.3307
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.7699	0.0096	0.5511	0.7087	1.0000
rice	0.9857	0.0143	0.9856	0.9711	0.0997
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6255	0.3745	0.6501	0.2783	0.8293
satimage	0.9005	0.0332	0.8888	0.8773	0.1640
satimageF	0.9860	0.0140	0.9654	0.9301	0.2271
satimageT	0.9067	0.0933	0.8080	0.5923	0.5841
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5882	0.4118	0.5889	0.1765	0.9350
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.8974	0.1026	0.4730	-0.0505	0.6958
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9610	0.0111	0.9651	0.9544	0.0529
segmentation	0.8218	0.1782	0.8239	0.6342	0.5990
segmentO	0.9654	0.0346	0.9407	0.8743	0.3419
seismic	0.7791	0.2209	0.6218	0.1750	0.4997
semeion	0.9811	0.0189	0.9496	0.8986	0.2737
sens-1-gram	0.7237	0.2763	0.5626	0.1141	0.7086
sens-2-gram	0.8553	0.1447	0.6641	0.3267	0.7101
sens-3-gram	0.8421	0.1579	0.6302	0.2588	0.7339
sens-4-gram	0.8421	0.1579	0.6238	0.2450	0.7358
sens-5-gram	0.8000	0.2000	0.5974	0.1933	0.7480
sens-6-gram	0.8289	0.1711	0.5733	0.1424	0.7609
sens-7-gram	0.8237	0.1763	0.6110	0.2219	0.7485
sepsis	0.5195	0.4805	0.5823	0.0810	0.4135
shoppers	0.8346	0.1655	0.7722	0.5107	0.6275
sick	0.7294	0.2706	0.6561	0.1936	0.4323
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9837	0.0163	0.9765	0.9518	0.1786
smarket	0.9680	0.0320	0.9680	0.9360	0.1910
smart-farming	0.1600	0.4200	0.1396	-0.1254	0.8807
smk_can_187	0.7368	0.2632	0.7449	0.4633	0.6993
soil_pollution	0.1800	0.3280	0.1802	-0.0250	0.8849
solar-flare	0.7266	0.0911	0.6545	0.6551	0.2582

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sonar	0.6000	0.4000	0.6094	0.2000	0.8750
soybean	0.9706	0.0031	0.9809	0.9678	0.0165
spam-detection	0.9255	0.0745	0.8366	0.6478	0.5526
spambase	0.9217	0.0783	0.9179	0.8354	0.3690
spect	0.7200	0.2800	0.7059	0.3636	0.6753
spectf	0.8000	0.2000	0.7807	0.5505	0.6724
spectrometer	0.6226	0.0270	0.4840	0.6006	0.1248
splice-EI	0.9590	0.0410	0.9471	0.8935	0.2875
splice-IE	0.9180	0.0820	0.8888	0.7771	0.4521
sport-articles	0.8000	0.2000	0.7988	0.5893	0.6539
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8853	0.0765	0.8597	0.8148	0.2628
steel-b	0.7846	0.2154	0.7576	0.4814	0.6587
steel-d	0.8872	0.1128	0.7025	0.2763	0.4225
steel-k	0.9590	0.0410	0.9402	0.8787	0.3194
steel-o	0.7641	0.2359	0.7527	0.5011	0.7299
steel-p	0.8615	0.1385	0.7581	0.4444	0.5612
steel-s	0.9077	0.0923	0.7473	0.4006	0.5085
steel-z	0.8718	0.1282	0.7966	0.5267	0.5549
stock	0.8819	0.1181	0.8165	0.6289	0.5948
stockb	0.9824	0.0117	0.9824	0.9736	0.0530
streaming	0.9180	0.0820	0.9171	0.8343	0.3803
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.5250	0.1900	0.3935	0.3260	0.6339
student-habits	0.2900	0.2840	0.2622	0.0449	0.7776
student-weekend	0.2462	0.3015	0.1973	0.0278	0.7970
student-workday	0.5781	0.1688	0.1876	0.0629	0.7175
studentap	0.4615	0.3590	0.4686	0.1875	0.6131
susy1%	0.7996	0.2004	0.7979	0.5933	0.6592
tae	0.6000	0.2667	0.6477	0.4000	0.4592
telco-churn	0.8864	0.1136	0.8607	0.7193	0.5277
texture	0.9727	0.0050	0.9745	0.9699	0.0388
theorem	0.9951	0.0049	0.9950	0.9899	0.0434
thoracic	0.6596	0.3404	0.5044	0.0079	0.7370
thrombin	0.9437	0.0563	0.5891	0.1720	0.5713
Thyroid_Diff	0.9211	0.0789	0.9023	0.8028	0.3830
tic-tac-toe	0.8842	0.1158	0.8742	0.7467	0.5012
tis10%	0.8657	0.1343	0.8191	0.6382	0.5919
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.6471	0.1765	0.6807	0.5300	0.3090
toxicity	0.4706	0.5294	0.3965	-0.2047	1.0000
toxicity-13f	0.7059	0.2941	0.6670	0.3307	0.8305
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6133	0.3867	0.5497	0.0949	0.8483
trec11-wc	0.8293	0.0379	0.6312	0.7914	0.1517
trec12-wc	0.9677	0.0081	0.9635	0.9613	0.0204
trec21-wc	0.8788	0.0485	0.5051	0.7149	0.0984
trec23-wc	0.8095	0.0635	0.6073	0.7282	0.1600
trec31-wc	0.9032	0.0323	0.8792	0.8721	0.2039
trec41-wc	0.8864	0.0227	0.7948	0.8613	0.1189
trec45-wc	0.8696	0.0261	0.7691	0.8482	0.1171
tuandromd	0.9704	0.0296	0.9571	0.9104	0.2710
turkish	0.7500	0.1250	0.7479	0.6667	0.3097
tvnews1%	0.8846	0.1154	0.8757	0.7512	0.4889
ur3_cobotops_grip	0.8599	0.1401	0.6308	0.1694	0.4037

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_stop	0.8707	0.1293	0.6801	0.2524	0.4422
urban	0.8358	0.0365	0.8412	0.8077	0.1604
urinalysis	0.8112	0.1888	0.6396	0.2001	0.4819
ustilago1%	0.9886	0.0114	0.4971	-0.0028	0.4387
vehicle	0.7738	0.1131	0.7251	0.6922	0.2512
vehicleVAN	0.9286	0.0714	0.9195	0.8261	0.3750
voice	0.8333	0.1667	0.8125	0.6250	0.6250
vote	0.9302	0.0698	0.9346	0.8608	0.2605
vowel	0.7374	0.0478	0.7575	0.7111	0.1431
vowelZ	1.0000	0.0000	1.0000	1.0000	0.0000
wap-wc	0.8333	0.0167	0.6835	0.8144	0.1305
warpar10p	0.7692	0.0462	0.7151	0.7383	0.0795
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9116	0.0253	0.9102	0.8966	0.1268
watch-gyr1%	0.9099	0.0258	0.9089	0.8947	0.1241
water_pollution	0.2400	0.3800	0.2412	-0.0141	0.8691
waveform	0.8480	0.1013	0.8502	0.7721	0.3354
weather-related	0.9712	0.0052	0.9740	0.9674	0.0483
web-phishing	0.8074	0.1284	0.7404	0.6768	0.4548
Weekly	0.9537	0.0463	0.9533	0.9064	0.2542
white-clover	0.5000	0.5000	0.6604	0.1818	0.5239
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.8882	0.1118	0.7716	0.4270	0.4858
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5157	0.1614	0.2969	0.3005	0.7079
winequality-white	0.5481	0.1506	0.3935	0.3729	0.7164
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.6875	0.0417	0.6797	0.6667	0.0743
yeast	0.5811	0.0931	0.4255	0.4669	0.4666
yeastCYT-POX	0.8980	0.1020	0.7658	0.4068	0.4711
yeastEXC	0.8378	0.1622	0.6527	0.1607	0.3242
yeastME1	0.8784	0.1216	0.7249	0.2745	0.3673
yeastME2	0.8986	0.1014	0.6722	0.3019	0.5612
zip	0.9473	0.0105	0.9426	0.9410	0.0880

Table 524: Detailed results for LF Noise 20%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1391	0.0749	0.0893	0.0582	0.6357
abalone19	0.9856	0.0144	0.4964	-0.0072	0.5293
abalone9-18	0.8630	0.1370	0.4632	-0.0704	0.5918
accelerometer	0.9775	0.0225	0.5926	0.1714	0.5604
accident	0.5000	0.5000	0.5000	0.0000	0.9934
ads	0.8476	0.1524	0.7652	0.5034	0.6349
advanced-iot	0.9997	0.0001	0.9997	0.9996	0.0010
AID_1431	0.8413	0.1587	0.5020	0.0040	0.7137
AID_1431_KlekotaRothFingerprinter	0.5635	0.4365	0.4820	-0.0200	0.4750
AID_1431_MACCSFingerprinter	0.8175	0.1825	0.4498	-0.1002	0.7001
AID_1878	0.7810	0.2190	0.6229	0.2455	0.7873
AID_602330	0.9167	0.0833	0.4783	-0.0435	0.6201
AID_652128	0.7980	0.1347	0.2959	-0.0784	0.6193
AID1284Morered	0.6111	0.3889	0.5782	0.1158	0.6230
AID1284red	0.7500	0.2500	0.5869	0.1649	0.7334
AID1608Morered	0.5728	0.4272	0.5441	0.0411	0.3810
AID1608red	0.8058	0.1942	0.5569	0.0869	0.5110
AID362red	0.8949	0.1051	0.4723	-0.0249	0.2313
AID439Morered	0.2857	0.7143	0.5833	0.0541	0.3467
AID439red	0.5714	0.4286	0.6818	0.2222	0.4422
AID456red	0.9629	0.0371	0.4906	-0.0056	0.1264
AID644Morered	0.7000	0.3000	0.6429	0.2857	0.8453
AID644red	0.6000	0.4000	0.5238	0.0476	0.9294
AID721morered	0.6667	0.3333	0.7404	0.3721	0.5239
AID721red	0.4444	0.5556	0.4696	-0.0465	0.7758
aids	0.8873	0.1127	0.8401	0.6734	0.4986
air_pollution	0.3633	0.1819	0.0790	-0.0237	0.6700
alcohol	0.8571	0.0571	0.5737	0.7027	0.3635
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8930	0.1070	0.8815	0.7595	0.4452
anneal	0.9438	0.0225	0.7478	0.8811	0.2204
antivirus	0.8919	0.1081	0.8238	0.6476	0.5646
anuran-f-b	0.9972	0.0028	0.9160	0.8319	0.3061
anuran-family	0.9875	0.0063	0.9499	0.9761	0.0330
anuran-genus	0.9819	0.0045	0.9457	0.9702	0.0746
anuran-species	0.9819	0.0036	0.9652	0.9749	0.0763
anxiety	0.0917	0.2019	0.0873	-0.0235	0.8488
apple-quality	0.8350	0.1650	0.8352	0.6700	0.5928
arabidopsis0.1%	0.5765	0.4235	0.5567	0.0099	0.0649
arcene	0.7500	0.2500	0.7667	0.5098	0.6824
arrhythmia	0.5333	0.0933	0.2740	0.2932	0.5000
auction	0.9069	0.0931	0.8156	0.6244	0.5816
audiology	0.6522	0.0580	0.4052	0.5938	0.1186
audit-risk	0.9103	0.0897	0.9091	0.8157	0.4057
autism-adolescent	0.5455	0.4545	0.5893	0.1538	0.8452
autism-adult	0.9571	0.0429	0.9470	0.8934	0.2857
autism-child	0.7241	0.2759	0.7273	0.4502	0.7761
autos	0.8500	0.0600	0.8178	0.7993	0.1201
avila	0.9851	0.0025	0.9750	0.9807	0.0555
babies	0.3387	0.1889	0.1387	0.0207	0.6692
balance	0.7742	0.1505	0.5764	0.6176	0.4283
banknote	0.9416	0.0584	0.9421	0.8806	0.2583
bankruptcy	0.8400	0.1600	0.8619	0.6875	0.4308
barleyblumeria	0.8825	0.1175	0.8711	0.7387	0.4744
basehock	0.6533	0.3467	0.6534	0.3063	0.8756

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8476	0.1524	0.8372	0.6738	0.5763
biomed	0.8571	0.1429	0.8538	0.7042	0.5490
bitcoin1%	0.9859	0.0040	0.2989	0.0876	0.2432
body-perf	0.7194	0.1403	0.7204	0.6259	0.4277
brain-tumor	0.4990	0.5010	0.4991	-0.0018	0.9999
breast-cancer	0.5357	0.4643	0.4884	-0.0225	0.9156
breast-cancer-co	0.7273	0.2727	0.7243	0.4407	0.7677
breast-cancer-ma	0.4545	0.5455	0.4500	-0.1000	1.0000
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.7000	0.1000	0.6073	0.5946	0.1556
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9710	0.0290	0.9681	0.9361	0.1885
cancer-uae	0.4310	0.3793	0.3111	-0.0442	0.7110
car	0.9253	0.0374	0.8799	0.8468	0.3092
car-insurance	0.7860	0.2140	0.7499	0.4998	0.7229
card	0.8406	0.1594	0.8373	0.6744	0.5874
cardiotocography	0.8263	0.0347	0.7783	0.7922	0.2328
cardiotocography-nsp	0.9108	0.0595	0.8336	0.7533	0.3574
cardiovascular	0.6700	0.3300	0.6700	0.3400	0.8576
cargo2k	0.9924	0.0051	0.9925	0.9886	0.0280
cars	0.8500	0.1000	0.8028	0.7371	0.3713
cas_N6512_cdk_ECFP2	0.6882	0.3118	0.6868	0.3736	0.8364
cas_N6512_rdkit_ATOMPAIR	0.6600	0.3400	0.6586	0.3171	0.8693
cas_N6512_RDkit_AtomPair_FP	0.6948	0.3052	0.6918	0.3826	0.8276
cas_N6512_rdkit_AVALON	0.7112	0.2888	0.7099	0.4197	0.8069
cas_N6512_RDkit_Avalon_FP	0.7025	0.2975	0.7012	0.4022	0.8184
cas_N6512_rdkit_descriptors	0.7400	0.2600	0.7388	0.4775	0.7661
cas_N6512_rdkit_FEATMORGAN	0.7051	0.2949	0.7024	0.4045	0.8154
cas_N6512_RDkit_Featmorgan_FP	0.7316	0.2684	0.7302	0.4604	0.7787
cas_N6512_RDkit_FP	0.7209	0.2791	0.7203	0.4403	0.7923
cas_N6512_rdkit_LAYERED	0.6892	0.3108	0.6879	0.3757	0.8352
cas_N6512_RDkit_Layered_FP	0.6641	0.3359	0.6612	0.3222	0.8656
cas_N6512_rdkit_MACCS	0.7323	0.2677	0.7302	0.4604	0.7780
cas_N6512_RDkit_MACCS_FP	0.7334	0.2666	0.7322	0.4642	0.7757
cas_N6512_rdkit_MORGAN	0.6877	0.3123	0.6847	0.3688	0.8371
cas_N6512_RDkit_morgan_FP	0.7285	0.2715	0.7285	0.4563	0.7803
cas_N6512_rdkit_PATTERN	0.6862	0.3138	0.6857	0.3710	0.8373
cas_N6512_RDkit_pattern_FP	0.6856	0.3144	0.6846	0.3691	0.8389
cas_N6512_rdkit_RDKITFP	0.6836	0.3164	0.6832	0.3659	0.8405
cas_N6512_rdkit_TORSION	0.7063	0.2938	0.7045	0.4089	0.8139
ccds1%	0.6154	0.3846	0.4745	-0.0168	0.2653
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.5907	0.4093	0.5801	0.1568	0.9077
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.8981	0.1019	0.6196	0.2128	0.5608
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.8877	0.1123	0.5943	0.1709	0.5760
central-nervous-system	0.6667	0.3333	0.6250	0.2500	0.8750
cervical-B	0.8372	0.1628	0.7193	0.3485	0.5278
cervical-C	0.8372	0.1628	0.4557	-0.0808	0.5674
cervical-H	0.8953	0.1047	0.7730	0.4300	0.4858
cervical-S	0.9186	0.0814	0.7723	0.5432	0.6013
chrom191%	0.9806	0.0194	0.6074	0.0550	0.1217
chronic-kidney	0.9157	0.0843	0.6644	0.3201	0.6340
churn	0.8120	0.1880	0.6990	0.3969	0.7333
churn-bigml	0.8951	0.1049	0.7898	0.5796	0.5991
ci900367j_MACCS	0.6632	0.3368	0.6594	0.3141	0.8487
circles	0.9440	0.0011	0.9462	0.9434	0.0300
cirrhosis	0.8095	0.1270	0.5511	0.6199	0.3326
cjs	0.9143	0.0286	0.9182	0.8955	0.1517

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ckd	0.8000	0.2000	0.8003	0.5876	0.6439
clave	0.7926	0.1037	0.6344	0.6757	0.4488
climate	0.8333	0.1667	0.5520	0.0967	0.6321
cll_sub_111	0.5000	0.3333	0.6319	0.2500	0.3755
cm1	0.7800	0.2200	0.4382	-0.1224	0.7103
cmc	0.5374	0.3084	0.5175	0.2859	0.7166
cnae-9	0.6204	0.0844	0.6694	0.5729	0.3428
coil20	0.5208	0.0479	0.5166	0.4956	0.3193
college	0.8961	0.1039	0.8690	0.7381	0.4948
collins	0.5600	0.0587	0.4912	0.5141	0.2268
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.5172	0.4828	0.5352	0.0645	0.9052
colposcopies-2	0.6552	0.3448	0.6122	0.2120	0.8709
colposcopies-3	0.6897	0.3103	0.6766	0.3524	0.8399
colposcopies-4	0.6207	0.3793	0.6101	0.2045	0.8243
colposcopies-5	0.7586	0.2414	0.5412	0.0814	0.8234
colposcopies-6	0.5862	0.4138	0.5846	0.1675	0.9370
colposcopies-c	0.6207	0.3793	0.5499	0.0963	0.8547
column-2c	0.9032	0.0968	0.8931	0.7842	0.4537
column-3c	0.7419	0.1720	0.7042	0.5753	0.3479
cottonmeloidogyne	0.7861	0.2139	0.7872	0.5724	0.6840
coupon	0.6932	0.3068	0.6856	0.3709	0.8335
crabs	0.7500	0.1250	0.7500	0.6667	0.3112
crowdsourced	0.9465	0.0178	0.8514	0.8889	0.1421
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.3750	0.0391	0.3056	0.3548	0.1271
customer-churn	0.8776	0.1224	0.5820	0.0887	0.3144
cybersecurity	0.2200	0.2600	0.2218	0.0636	0.8483
cyclopentane	0.6296	0.3704	0.6250	0.2500	0.9023
cylinder-bands	0.4815	0.5185	0.4757	-0.0485	1.0000
darwin	0.6667	0.3333	0.6667	0.3333	0.8617
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dbworld	0.1429	0.8571	0.1250	-0.6154	1.0000
default	0.8030	0.1970	0.6832	0.3550	0.7314
defect	0.9506	0.0494	0.9050	0.8078	0.3319
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8042	0.1958	0.5296	0.0448	0.7585
dermatology	0.9730	0.0090	0.9763	0.9661	0.0256
desharnais	0.5000	0.3333	0.6073	0.2727	0.3517
dexter	0.5333	0.4667	0.5333	0.0667	0.9798
df_final	0.7500	0.1667	0.7551	0.6049	0.2615
DIA	0.6667	0.3333	0.5748	0.1489	0.8660
diabetes	0.7692	0.2308	0.7684	0.5301	0.7076
diabetes-risk	0.8810	0.1190	0.8197	0.6395	0.5801
diabetic1%	0.3725	0.4183	0.3628	0.0281	0.7851
diabetic10%	0.4971	0.3353	0.3754	0.1001	0.7852
diagnosis	0.8333	0.1667	0.8286	0.6571	0.6041
diamonds	0.9333	0.0333	0.9242	0.9079	0.1168
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.3750	0.6250	0.3798	-0.2329	1.0000
dlbcl-stanford	0.4000	0.6000	0.4167	-0.1538	0.9932
dorothea	0.9043	0.0957	0.6390	0.2272	0.5792
dota210%	0.5427	0.4573	0.5396	0.0789	0.9737
dropout	0.7404	0.1731	0.6474	0.5607	0.4955
drug-01	0.3511	0.1854	0.1701	0.0298	0.6382
drug-02	0.5160	0.1383	0.2306	0.1694	0.6484

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-03	0.6436	0.1188	0.1863	0.0285	0.5201
drug-04	0.5160	0.1383	0.2717	0.1344	0.6423
drug-05	0.7181	0.0805	0.1198	-0.0100	0.2739
drug-06	0.3989	0.1717	0.2771	0.2499	0.6307
drug-07	0.4043	0.1986	0.1702	0.0332	0.5048
drug-08	0.5266	0.1353	0.2120	0.1548	0.6501
drug-09	0.8564	0.0479	0.1538	-0.0148	0.2322
drug-10	0.5372	0.1322	0.1828	0.1625	0.6317
drug-11	0.8404	0.0456	0.1305	-0.0124	0.3275
drug-12	0.7819	0.0727	0.1463	-0.0125	0.3749
drug-13	0.6117	0.1109	0.1956	0.2755	0.4912
drug-14	0.5957	0.1155	0.2784	0.2953	0.6288
drug-15	0.7234	0.0790	0.1584	0.1088	0.5188
drug-16	0.5372	0.1543	0.2436	0.2193	0.5377
drug-17	0.3404	0.1885	0.2097	0.1082	0.6835
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7447	0.0729	0.1649	0.0554	0.6590
drybean	0.9199	0.0229	0.9313	0.9031	0.1337
ecoli	0.8824	0.0392	0.8696	0.8361	0.1316
ecoliCP-IM	0.8636	0.1364	0.8780	0.7273	0.4205
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9091	0.0909	0.6822	0.3529	0.6260
ecommerce	0.2600	0.3700	0.2606	0.0139	0.8438
eeg-eye	0.8752	0.1248	0.8738	0.7476	0.5018
eeg10%	0.4298	0.0713	0.3820	0.3630	0.5372
eucalyptus	0.6575	0.1370	0.6208	0.5595	0.3779
euthyroid	0.9241	0.0759	0.8105	0.6151	0.5740
fakenews	0.5375	0.4625	0.5378	0.0755	0.9759
farm-ads	0.6377	0.3623	0.6383	0.2758	0.8896
fbis-wc	0.2683	0.0861	0.2463	0.1943	0.7166
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.8235	0.1765	0.8228	0.6450	0.6189
fishcatch	0.9375	0.0208	0.9554	0.9220	0.0612
flags	0.3500	0.1857	0.2082	0.1720	0.4697
forest	0.8846	0.0577	0.8439	0.8402	0.1642
gastrointestinal	0.6250	0.2500	0.6278	0.4000	0.5595
gender	0.5705	0.2863	0.4166	0.1160	0.6954
gene	0.8707	0.0862	0.8533	0.7930	0.3332
german	0.7000	0.3000	0.6517	0.2941	0.8319
gestures	0.9315	0.0342	0.9318	0.9087	0.1583
gina	0.7695	0.2305	0.7706	0.5376	0.7083
gisette	0.6629	0.3371	0.6629	0.3257	0.8656
glass	0.7143	0.0952	0.6999	0.6050	0.3157
glass-g2	0.8125	0.1875	0.8091	0.6129	0.6390
glassBWFP	0.9048	0.0952	0.9032	0.7879	0.2720
glassBWNFP	0.8571	0.1429	0.8467	0.6897	0.5637
glassContainers	0.9091	0.0909	0.7250	0.4500	0.6330
glassNW	0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware	0.8636	0.1364	0.7471	0.3529	0.4422
glassVWFP	0.8571	0.1429	0.4615	-0.0678	0.5255
GlaucomaM	0.6316	0.3684	0.6292	0.2570	0.8973
gli_85	0.7500	0.2500	0.7895	0.5000	0.5283
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8214	0.1786	0.8223	0.6400	0.6143
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.6000	0.2000	0.6646	0.4545	0.3151
gsalc	0.7778	0.0741	0.7738	0.7353	0.0502

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
haberman	0.7333	0.2667	0.6867	0.3684	0.7853
har701%	0.9106	0.0255	0.5363	0.8674	0.3039
harth1%	0.8734	0.0211	0.5920	0.8270	0.2187
hayes-roth	0.8125	0.1250	0.8492	0.7055	0.2844
hcc-survival	0.5294	0.4706	0.4923	-0.0149	0.9858
health-activity	0.7500	0.1250	0.2155	-0.0020	0.3444
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8065	0.1935	0.8199	0.6189	0.5820
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.9480	0.0520	0.9396	0.8793	0.2986
heart-quantum	0.8800	0.1200	0.8783	0.7541	0.4906
hepatitis	0.8000	0.2000	0.7266	0.4444	0.7131
hERG-121inputs	0.5714	0.4286	0.5458	0.0870	0.8810
hERG-64inputs	0.5714	0.4286	0.7000	0.2759	0.5239
hERG-9inputs	0.6154	0.3846	0.6137	0.1975	0.7604
higgs0.1%	0.6945	0.3055	0.6926	0.3847	0.8281
higher	0.1429	0.2143	0.1148	-0.0060	0.3782
hinselmann	0.5000	0.5000	0.5000	0.0000	0.7460
hitters	0.6875	0.3125	0.6972	0.3822	0.8016
hiv1-proteasa	0.8752	0.1248	0.7899	0.5784	0.6237
hiva	0.7849	0.2151	0.5211	0.0220	0.3380
horse	0.5278	0.3148	0.4817	0.1915	0.6937
hr	0.7789	0.2211	0.4538	-0.0884	0.8110
htru2	0.9693	0.0307	0.9047	0.8086	0.3290
hypothyroid	0.9920	0.0040	0.7384	0.9533	0.2525
hypothyroidT	0.9708	0.0292	0.9105	0.8150	0.4194
ilpd	0.7458	0.2542	0.6746	0.3459	0.7972
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9507	0.0247	0.9511	0.9342	0.1131
ionosphere	0.8857	0.1143	0.8642	0.7211	0.4596
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9000	0.1000	0.8984	0.7961	0.4294
isolet	0.9140	0.0066	0.9152	0.9106	0.0819
jm1	0.7796	0.2204	0.6143	0.2248	0.7951
jvowels	0.9769	0.0051	0.9758	0.9738	0.0406
kc1	0.7915	0.2085	0.6145	0.2288	0.7707
kc1-class-level-defectiveornot	0.8667	0.1333	0.8611	0.7222	0.5304
kc1-class-level-numericdefect	0.4615	0.2154	0.1412	0.0109	0.4716
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.8077	0.1923	0.7312	0.4595	0.7161
kdc-4007	0.1546	0.2415	0.1605	0.0144	0.8346
kddcup981%	0.7263	0.2737	0.5972	0.1083	0.3911
kddcup9810%	0.8576	0.1424	0.4927	-0.0130	0.5533
kepler	0.8734	0.0844	0.8304	0.7909	0.2453
kidney-disease	0.9500	0.0500	0.9467	0.8933	0.2764
krkopt	0.8093	0.0212	0.7490	0.7874	0.3649
krvskp	0.9154	0.0846	0.9153	0.8305	0.3863
la1s-wc	0.3651	0.2116	0.3918	0.2150	0.6826
la2s-wc	0.5099	0.1634	0.4927	0.3917	0.6399
labor	0.6667	0.3333	0.6250	0.2500	0.8750
leaf	0.7059	0.0256	0.7341	0.6920	0.0805
led24	0.6000	0.0889	0.6326	0.5429	0.2246
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9085	0.0070	0.9083	0.9048	0.1084
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.5833	0.0556	0.5711	0.5534	0.1733
liver	0.5882	0.4118	0.5296	0.0593	0.9390

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
loan	0.9742	0.0258	0.9726	0.9447	0.1449
localization10%	0.6687	0.0602	0.4305	0.5778	0.5066
lrs	0.7925	0.0593	0.5853	0.7125	0.2071
lung	1.0000	0.0000	1.0000	1.0000	0.0000
lung_discrete	0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer	0.6667	0.2222	0.5714	0.5000	0.1761
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	0.7778	0.2222	0.6956	0.3684	0.7023
lung-cancer-michigan	0.7778	0.2222	0.4375	-0.1250	0.7500
lung-cancer-ontario	0.3333	0.6667	0.2500	-0.5000	1.0000
lupus	0.5556	0.4444	0.5500	0.1000	0.9644
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.8889	0.0370	0.8163	0.8421	0.0589
machine-failure	0.9255	0.0745	0.9237	0.8472	0.3606
madelon	0.5308	0.4692	0.5316	0.0615	0.9707
magic04	0.8553	0.1447	0.8392	0.6772	0.5630
malware	0.7568	0.2432	0.6644	0.3190	0.7539
mammography	0.7396	0.2604	0.7380	0.4751	0.7648
marketing	0.8482	0.1518	0.6903	0.3803	0.7070
maternal	0.7624	0.1584	0.7686	0.6393	0.4545
math	0.8500	0.0750	0.8342	0.7649	0.2038
mba	0.7984	0.1344	0.4014	0.2027	0.6580
mental-disorders	0.6667	0.1667	0.7273	0.5556	0.2901
mental-health	0.2467	0.3013	0.2477	0.0586	0.8409
messidor	0.7043	0.2957	0.6980	0.3957	0.8189
meter-A	1.0000	0.0000	1.0000	1.0000	0.0000
meter-B	0.4444	0.3704	0.4167	0.2105	0.4884
meter-C	0.8333	0.0833	0.6624	0.7632	0.1584
meter-D	0.8333	0.0833	0.8319	0.7662	0.1926
mfeat-fac	0.9350	0.0130	0.9374	0.9278	0.0735
mfeat-fou	0.8100	0.0380	0.8116	0.7889	0.1530
mfeat-kar	0.9750	0.0050	0.9755	0.9722	0.0316
mfeat-mor	0.6900	0.0620	0.6894	0.6556	0.2369
mfeat-pix	0.9450	0.0110	0.9462	0.9389	0.0669
mfeat-zer	0.8000	0.0400	0.8055	0.7778	0.1321
mice-prot	0.9630	0.0093	0.9636	0.9576	0.0436
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5588	0.1765	0.5267	0.4463	0.4330
mobile	0.8776	0.0044	0.8877	0.8754	0.0541
monks-1	0.7818	0.2182	0.7817	0.5635	0.6975
monks-2	0.7541	0.2459	0.7309	0.4614	0.7612
monks-3	0.8036	0.1964	0.8095	0.6091	0.6254
mouse-viral	0.8500	0.1500	0.8500	0.7000	0.5605
mushroom	0.9594	0.0406	0.9595	0.9186	0.2234
music	0.4917	0.0924	0.5245	0.3961	0.5864
musk	0.9030	0.0970	0.8160	0.6319	0.5670
MUT_ci300400a_cdk_ECFP2	0.7230	0.2770	0.7179	0.4353	0.7918
MUT_ci300400a_cdk_ECFP4	0.7425	0.2575	0.7347	0.4693	0.7674
MUT_ci300400a_cdk_ECFP6	0.7210	0.2790	0.7106	0.4202	0.7979
MUT_ci300400a_cdk_ESTATE	0.7170	0.2830	0.7059	0.4104	0.8029
MUT_ci300400a_cdk_EXTENDED	0.7218	0.2782	0.7177	0.4344	0.7917
MUT_ci300400a_cdk_FCFP2	0.7605	0.2395	0.7545	0.5089	0.7386
MUT_ci300400a_cdk_FCFP4	0.7158	0.2842	0.7097	0.4192	0.8029
MUT_ci300400a_cdk_FCFP6	0.7146	0.2854	0.7068	0.4137	0.8064
MUT_ci300400a_cdk_MACCS	0.7782	0.2218	0.7735	0.5466	0.7083
MUT_ci300400a_cdk_PUBCHEM	0.7329	0.2671	0.7280	0.4553	0.7779
MUT_ci300400a_cdk_STANDARD	0.7269	0.2731	0.7223	0.4438	0.7857
MUT_ci300400a_rdkit_descriptors	0.7581	0.2419	0.7528	0.5057	0.7417

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
myocardial	0.8765	0.0309	0.3982	0.4514	0.2703
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.9027	0.0102	0.5011	0.7321	0.6594
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.8571	0.1429	0.8250	0.5882	0.5283
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.3889	0.4074	0.3399	-0.0147	0.7503
nursery	0.9769	0.0116	0.9515	0.9662	0.1158
obesity	0.9005	0.0284	0.8985	0.8837	0.1424
obs	0.9630	0.0185	0.9661	0.9453	0.0939
occupancy	0.8876	0.1124	0.8615	0.7124	0.5279
Occupancy_Estimation	0.9664	0.0168	0.9265	0.9033	0.2825
oh0-wc	0.6139	0.0772	0.5914	0.5577	0.3585
oh10-wc	0.5524	0.0895	0.5601	0.4937	0.4382
oh15-wc	0.5543	0.0891	0.5136	0.4934	0.4159
oh5-wc	0.5824	0.0835	0.5874	0.5323	0.4007
olive	0.9298	0.0156	0.9150	0.9123	0.0439
opn310k10%	0.9218	0.0782	0.7254	0.4402	0.5813
optdigits	0.9609	0.0078	0.9623	0.9565	0.0566
optdigitsZ	0.9804	0.0196	0.9444	0.8864	0.3181
orl	0.7250	0.0138	0.6855	0.7179	0.0478
orlraws10P	0.8000	0.0400	0.7467	0.7778	0.0507
ovarian-cancer	0.8800	0.1200	0.8742	0.7458	0.5017
ozone1hr	0.9526	0.0474	0.5650	0.1205	0.6130
ozone8hr	0.9091	0.0909	0.6109	0.2123	0.6617
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.6340	0.3660	0.6416	0.2680	0.8349
P-Glycoprotein_c_RDkit_AtomPair_FP	0.6190	0.3810	0.6168	0.2335	0.9121
p53-mutants10%	0.6178	0.3822	0.3819	-0.0064	0.0297
page-blocks	0.9708	0.0117	0.7790	0.8325	0.3240
parkinson	0.9750	0.0250	0.9750	0.9487	0.1507
parkinsons	0.8531	0.1469	0.8425	0.6841	0.5622
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.9146	0.0854	0.8971	0.7932	0.4393
pasture	0.2500	0.5000	0.1667	0.0000	0.5000
pc1	0.8829	0.1171	0.6295	0.2535	0.6571
pcmac	0.5103	0.4897	0.5079	0.0156	0.9810
pcos	0.9900	0.0100	0.9843	0.9686	0.0908
pd	0.4737	0.5263	0.4460	-0.0959	0.8623
pediatric-leukemia	0.7059	0.0840	0.6509	0.6466	0.2677
pendigits	0.9909	0.0018	0.9910	0.9899	0.0172
period	0.3333	0.6667	0.3415	-0.2857	0.9644
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.7930	0.2070	0.7785	0.5569	0.6917
pet-adoption	0.8900	0.1100	0.8736	0.7454	0.4718
phishing	0.8694	0.1306	0.8658	0.7300	0.5223
phone-acc0.1%	0.8614	0.0396	0.8519	0.8380	0.1517
phone-gyr0.1%	0.8873	0.0322	0.8801	0.8682	0.1513
phoneme	0.8407	0.1593	0.8032	0.6063	0.6293
pima	0.7368	0.2632	0.7176	0.4154	0.7389
placement	0.7510	0.2490	0.7424	0.4840	0.7529
plant-growth	0.5789	0.4211	0.5956	0.1739	0.8862
plrx	0.7778	0.2222	0.7143	0.2653	0.3876
poker1%	0.5776	0.1207	0.1689	0.2032	0.3006
polish-1st	0.9559	0.0441	0.5887	0.1444	0.5567
polish-2nd	0.9489	0.0511	0.5468	0.0810	0.6121
polish-3rd	0.9381	0.0619	0.5786	0.1474	0.6318
polish-4th	0.9388	0.0612	0.6841	0.3678	0.6151

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-5th	0.9492	0.0508	0.7783	0.5453	0.4886
polya	0.7632	0.2368	0.7374	0.4732	0.7459
post-operative	0.6667	0.3333	0.6582	0.3077	0.8309
pred-tox_mutagen_ref-desc	0.6029	0.3971	0.6041	0.2059	0.9196
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3636	0.0979	0.2958	0.2929	0.3379
profb	0.7015	0.2985	0.6697	0.3386	0.8300
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9771	0.0092	0.9667	0.9693	0.0759
pulsar	0.9753	0.0247	0.9251	0.8498	0.2915
raisin	0.8222	0.1778	0.8251	0.6444	0.6004
re0-wc	0.2400	0.1169	0.2714	0.1115	0.5794
re1-wc	0.0422	0.0766	0.0835	0.0272	0.3817
rejafada	0.9246	0.0754	0.4804	-0.0390	0.5892
relathe	0.6690	0.3310	0.6939	0.3557	0.7668
rice	0.9692	0.0308	0.9689	0.9377	0.1827
rnaseq	0.9875	0.0050	0.9862	0.9835	0.0195
rocket	0.6691	0.3309	0.6594	0.3187	0.8616
satimage	0.9067	0.0311	0.8907	0.8846	0.1488
satimageF	0.9751	0.0249	0.9359	0.8718	0.2860
satimageT	0.9440	0.0560	0.8363	0.6694	0.4591
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.7778	0.2222	0.8000	0.5263	0.5283
schizo	0.5588	0.4412	0.5598	0.1176	0.9547
sclerosis	0.9630	0.0370	0.9635	0.9244	0.1598
secom	0.7628	0.2372	0.5005	0.0007	0.5034
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9091	0.0260	0.9126	0.8937	0.1374
segmentation	0.8465	0.1535	0.8322	0.6645	0.5881
segmentO	0.9351	0.0649	0.8875	0.7669	0.4725
seismic	0.8953	0.1047	0.5373	0.0739	0.6851
semeion	0.9560	0.0440	0.9072	0.7963	0.4448
sens-1-gram	0.8605	0.1395	0.5591	0.0641	0.5968
sens-2-gram	0.8263	0.1737	0.5783	0.1538	0.7613
sens-3-gram	0.6737	0.3263	0.5119	0.0208	0.6948
sens-4-gram	0.4947	0.5053	0.5163	0.0199	0.5686
sens-5-gram	0.4184	0.5816	0.4397	-0.0679	0.5706
sens-6-gram	0.5658	0.4316	0.5469	0.0643	0.5958
sepsis	0.9069	0.0931	0.4912	-0.0020	0.3506
shoppers	0.8897	0.1103	0.7722	0.5392	0.5904
sick	0.9496	0.0504	0.8156	0.6276	0.5457
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin10%	0.9383	0.0617	0.9126	0.8221	0.4049
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.1800	0.4100	0.1699	-0.0974	0.8721
smk_can_187	0.5789	0.4211	0.5843	0.1648	0.9308
soil_pollution	0.1667	0.3333	0.1671	-0.0419	0.9001
solar-flare	0.7410	0.0863	0.5956	0.6706	0.2646
sonar	0.5000	0.5000	0.5000	0.0000	1.0000
soybean	0.8824	0.0124	0.8470	0.8713	0.0732
spam-detection	0.8670	0.1330	0.7180	0.4089	0.6321
spambase	0.9087	0.0913	0.9043	0.8058	0.3907
spect	0.7200	0.2800	0.5938	0.1860	0.8154
spectf	0.6857	0.3143	0.6738	0.3304	0.7865
spectrometer	0.4528	0.0391	0.3827	0.4217	0.2093
splice-EI	0.9180	0.0820	0.9029	0.7977	0.4327

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
splice-IE	0.8233	0.1767	0.7697	0.5365	0.6789
sport-articles	0.8100	0.1900	0.7952	0.5902	0.6610
squash-stored	0.4000	0.4000	0.4706	0.0625	0.4228
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9785	0.0215	0.9773	0.9537	0.1496
steel_industry	0.8901	0.0732	0.8673	0.8219	0.2759
steel-b	0.8051	0.1949	0.7225	0.4431	0.7246
steel-d	0.9692	0.0308	0.7818	0.5558	0.5566
steel-k	0.9385	0.0615	0.9098	0.8180	0.4049
steel-o	0.7949	0.2051	0.7667	0.5257	0.6778
steel-p	0.9179	0.0821	0.6957	0.3853	0.6193
steel-s	0.9487	0.0513	0.7440	0.4741	0.5864
steel-z	0.9538	0.0462	0.8861	0.7652	0.4692
stock	0.9097	0.0903	0.8358	0.6591	0.4499
stockb	0.9559	0.0294	0.9574	0.9339	0.1170
streaming	0.9740	0.0260	0.9737	0.9474	0.1633
stress	0.8095	0.0762	0.8128	0.7618	0.2446
student-lifestyle	0.5750	0.1700	0.3532	0.3123	0.5736
student-habits	0.4000	0.2400	0.2271	0.0644	0.6070
student-weekend	0.2923	0.2831	0.1794	0.0383	0.7451
student-workday	0.6562	0.1375	0.1925	0.0669	0.4885
studentap	0.3077	0.4615	0.3016	-0.0446	0.6355
susy1%	0.7830	0.2170	0.7810	0.5594	0.6899
tae	0.6000	0.2667	0.5944	0.4000	0.5909
telco-churn	0.8920	0.1080	0.8584	0.7155	0.4974
texture	0.9891	0.0020	0.9895	0.9880	0.0173
theorem	0.9394	0.0606	0.9381	0.8760	0.3120
thoracic	0.7447	0.2553	0.5503	0.0990	0.7759
thrombin	0.7324	0.2676	0.4990	-0.0007	0.2466
Thyroid_Diff	0.8684	0.1316	0.8578	0.7040	0.5342
tic-tac-toe	0.9368	0.0632	0.9287	0.8564	0.3161
tis10%	0.5896	0.4104	0.5304	0.0578	0.8599
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.5208	0.6098	0.1174
tox_171	0.7059	0.1471	0.7318	0.6047	0.3212
toxicity	0.6471	0.3529	0.5597	0.0893	0.8324
toxicity-13f	0.7647	0.2353	0.7310	0.4426	0.7072
trains	0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion	0.6133	0.3867	0.4986	-0.0028	0.8897
trec11-wc	0.1463	0.1897	0.0548	0.0522	0.3986
trec12-wc	0.5484	0.1129	0.5948	0.4642	0.3464
trec21-wc	0.6970	0.1212	0.4138	0.4118	0.4000
trec23-wc	0.6190	0.1270	0.7775	0.5372	0.2524
trec31-wc	0.6022	0.1326	0.5655	0.4745	0.5184
trec41-wc	0.1136	0.1773	0.1551	0.0351	0.4431
trec45-wc	0.1304	0.1739	0.0528	0.0343	0.4282
tuandromd	0.9567	0.0433	0.9294	0.8582	0.2926
turkish	0.7750	0.1125	0.7720	0.7000	0.2775
tvnews1%	0.8615	0.1385	0.8514	0.7027	0.5500
ur3_cobotops_grip	0.9592	0.0408	0.6770	0.3539	0.5937
ur3_cobotops_stop	0.9619	0.0381	0.7112	0.4204	0.5671
urban	0.7463	0.0564	0.7570	0.7028	0.2302
urinalysis	0.9091	0.0909	0.5939	0.1871	0.6495
ustilago1%	0.6857	0.3143	0.5453	0.0114	0.0883
vehicle	0.7381	0.1310	0.7034	0.6491	0.1997
vehicleVAN	0.9167	0.0833	0.8908	0.7812	0.4479
voice	0.4167	0.5833	0.3803	-0.2353	0.9844
vote	0.7442	0.2558	0.7600	0.4919	0.6766

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
vowel	0.5657	0.0790	0.6131	0.5222	0.2477
vowelZ	0.9293	0.0707	0.7480	0.3419	0.1774
wap-wc	0.1154	0.0885	0.0185	0.0348	0.3937
warpar10p	0.7692	0.0462	0.7467	0.7434	0.0672
warppie10p	0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc1%	0.9605	0.0113	0.9598	0.9537	0.0795
watch-gyr1%	0.9566	0.0124	0.9557	0.9494	0.0788
water_pollution	0.2533	0.3733	0.2561	0.0043	0.8609
waveform	0.8540	0.0973	0.8541	0.7810	0.3471
weather-related	0.9385	0.0112	0.9445	0.9304	0.1037
web-phishing	0.8222	0.1185	0.7360	0.6927	0.4657
Weekly	0.9907	0.0093	0.9907	0.9812	0.0572
white-clover	0.5000	0.5000	0.5000	0.0000	0.9298
wifi-loc	0.9850	0.0075	0.9852	0.9800	0.0381
wilt	0.9731	0.0269	0.8663	0.7309	0.4603
wine	0.9412	0.0392	0.9410	0.9006	0.1533
winequality-red	0.6101	0.1300	0.3060	0.3913	0.6232
winequality-white	0.6380	0.1207	0.4309	0.4544	0.6838
wisc_bc	0.9474	0.0526	0.9478	0.8902	0.2605
yale	0.3750	0.0833	0.3355	0.3333	0.1760
yeast	0.5541	0.0991	0.3467	0.4239	0.4697
yeastCYT-POX	0.9388	0.0612	0.8125	0.5449	0.5239
yeastEXC	0.9459	0.0541	0.5897	0.1732	0.5690
yeastME1	0.9527	0.0473	0.6001	0.1981	0.5887
yeastME2	0.9392	0.0608	0.6387	0.2761	0.6261
zip	0.9409	0.0118	0.9363	0.9337	0.0928

Table 525: Detailed results for LMT^{CV} Noise 20%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1775	0.0715	0.1057	0.0923	0.5004
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5500	0.4500	0.6393	0.1000	0.5239
ads	0.9634	0.0366	0.9208	0.8364	0.2304
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.7500	0.2500	0.4286	-0.1408	0.8101
AID1284red	0.7500	0.2500	0.4286	-0.1408	0.8101
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9126	0.0874	0.4772	-0.0404	0.6817
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.7143	0.2857	0.7407	0.3636	0.5000
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.7500	0.2500	0.6707	0.3056	0.7334
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.6667	0.3333	0.5950	0.1818	0.8134
aids	0.9249	0.0751	0.8950	0.7823	0.3416
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.7619	0.0952	0.2709	0.4159	0.2412
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9116	0.0884	0.9025	0.8013	0.3817
anneal	0.9551	0.0180	0.7524	0.9061	0.1175
antivirus	0.9730	0.0270	0.9599	0.9165	0.2605
anuran-f-b	0.9917	0.0083	0.4979	0.0000	0.0331
anuran-family	0.9458	0.0271	0.8682	0.8954	0.1872
anuran-genus	0.9513	0.0122	0.8758	0.9191	0.1584
anuran-species	0.9625	0.0075	0.8822	0.9477	0.0713
anxiety	0.0750	0.2056	0.0535	-0.0450	0.7385
apple-quality	0.7775	0.2225	0.7775	0.5550	0.7049
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6500	0.3500	0.6641	0.3137	0.8299
arrhythmia	0.7111	0.0578	0.4776	0.5030	0.2396
auction	0.9608	0.0392	0.9075	0.7970	0.1211
audiology	0.6957	0.0507	0.5046	0.6492	0.1201
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.8000	0.0800	0.8062	0.7342	0.1782
avila	0.9526	0.0079	0.8937	0.9384	0.1756
babies	0.4355	0.1613	0.1402	0.0970	0.3740
balance	0.8710	0.0860	0.6000	0.7576	0.2393
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	0.9600	0.0400	0.9593	0.9153	0.1598
barleyblumeria	0.8848	0.1152	0.8756	0.7375	0.4091
basehock	0.8995	0.1005	0.9008	0.7991	0.4199

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8190	0.1810	0.8060	0.6107	0.6368
biomed	0.7619	0.2381	0.7419	0.4560	0.6789
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.6858	0.1571	0.6887	0.5811	0.4438
brain-tumor	0.4935	0.5065	0.4935	-0.0130	1.0000
breast-cancer	0.8571	0.1429	0.8169	0.6216	0.5439
breast-cancer-co	0.6364	0.3636	0.6333	0.2667	0.8952
breast-cancer-ma	0.5455	0.4545	0.3529	0.0000	0.5193
breast-tissue	0.6364	0.1212	0.5820	0.5644	0.1810
bridges	0.7000	0.1000	0.4750	0.5161	0.1440
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.6250	0.3750	0.5749	0.1429	0.9116
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9023	0.0489	0.7916	0.8021	0.2939
car-insurance	0.8270	0.1730	0.7932	0.5836	0.6377
card	0.8841	0.1159	0.8828	0.7643	0.4795
cardiotocography	0.8169	0.0366	0.7669	0.7815	0.2522
cardiotocography-nsp	0.8826	0.0782	0.7954	0.6783	0.4363
cardiovascular	0.7320	0.2680	0.7334	0.4640	0.7693
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7000	0.2000	0.5592	0.4631	0.4239
cas_N6512_cdk_ECFP2	0.7020	0.2980	0.7005	0.4009	0.8192
cas_N6512_rdkit_ATOMPAIR	0.6815	0.3185	0.6790	0.3579	0.8453
cas_N6512_RDkit_AtomPair_FP	0.6825	0.3175	0.6790	0.3559	0.8407
cas_N6512_rdkit_AVALON	0.7450	0.2550	0.7454	0.4896	0.7550
cas_N6512_RDkit_Avalon_FP	0.7592	0.2408	0.7584	0.5166	0.7358
cas_N6512_rdkit_descriptors	0.7215	0.2785	0.7213	0.4420	0.7907
cas_N6512_rdkit_FEATMORGAN	0.6805	0.3195	0.6836	0.3638	0.8349
cas_N6512_RDkit_Featmorgan_FP	0.7408	0.2592	0.7387	0.4772	0.7650
cas_N6512_RDkit_FP	0.7025	0.2975	0.7007	0.4014	0.8189
cas_N6512_rdkit_LAYERED	0.7308	0.2692	0.7302	0.4600	0.7785
cas_N6512_RDkit_Layered_FP	0.7147	0.2853	0.7119	0.4214	0.7981
cas_N6512_rdkit_MACCS	0.7692	0.2308	0.7671	0.5327	0.7167
cas_N6512_RDkit_MACCS_FP	0.7596	0.2404	0.7579	0.5158	0.7362
cas_N6512_rdkit_MORGAN	0.7154	0.2846	0.7126	0.4220	0.7954
cas_N6512_RDkit_morgan_FP	0.7408	0.2592	0.7413	0.4814	0.7611
cas_N6512_rdkit_PATTERN	0.7154	0.2846	0.7134	0.4267	0.8018
cas_N6512_RDkit_pattern_FP	0.7515	0.2485	0.7522	0.5030	0.7442
cas_N6512_rdkit_RDKITFP	0.6743	0.3257	0.6741	0.3477	0.8510
cas_N6512_rdkit_TORSION	0.6984	0.3016	0.6978	0.3952	0.8221
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.6891	0.3109	0.6594	0.3188	0.8481
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.4875	0.0000	0.1330
central-nervous-system	0.3333	0.6667	0.3750	-0.2000	0.9308
cervical-B	0.9651	0.0349	0.8563	0.7088	0.3931
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9302	0.0698	0.8108	0.5409	0.5239
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8370	0.1630	0.7156	0.4061	0.6461
churn-bigml	0.9363	0.0637	0.8633	0.7178	0.3825
ci900367j_MACCS	0.5474	0.4526	0.5321	0.0637	0.9567
circles	0.9990	0.0000	0.9990	0.9990	0.0005
cirrhosis	0.7619	0.1587	0.5222	0.5364	0.4681
cjs	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8046	0.0977	0.5880	0.6895	0.3871
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.4167	0.3889	0.5475	0.1064	0.4164
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5374	0.3084	0.5103	0.2738	0.6998
cnae-9	0.8611	0.0309	0.8634	0.8438	0.1456
coil20	0.8611	0.0139	0.8627	0.8537	0.0854
college	0.8701	0.1299	0.8418	0.6821	0.5658
collins	0.9600	0.0053	0.9587	0.9560	0.0190
colon-tumor	0.8333	0.1667	0.8537	0.6667	0.4644
colposcopies-1	0.6552	0.3448	0.3958	0.0000	0.4715
colposcopies-2	0.6207	0.3793	0.5521	0.0807	0.8598
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.7241	0.2759	0.6025	0.1831	0.8141
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5172	0.4828	0.3409	0.0000	0.5257
colposcopies-c	0.7931	0.2069	0.7465	0.4852	0.7092
column-2c	0.9677	0.0323	0.9652	0.9281	0.2092
column-3c	0.7097	0.1935	0.6123	0.5271	0.3505
comedy_comparisons1%	0.4829	0.5171	0.3256	0.0000	0.5300
cottonmeloidogyne	0.7620	0.2380	0.7662	0.5248	0.7087
coupon	0.6838	0.3162	0.6732	0.3431	0.8408
crabs	0.9500	0.0250	0.9541	0.9333	0.0608
crowdsourced	0.8829	0.0390	0.6567	0.7526	0.2710
cryotherapy	0.5556	0.4444	0.6667	0.1818	0.5283
cultivars	0.4062	0.0371	0.3378	0.3871	0.1146
customer-churn	0.9832	0.0168	0.7414	0.4399	0.3799
cybersecurity	0.1800	0.2733	0.1854	0.0138	0.8625
cyclopentane	0.5556	0.4444	0.5500	0.1000	0.9644
cylinder-bands	0.7778	0.2222	0.7709	0.5352	0.6921
darwin	0.6667	0.3333	0.6710	0.3333	0.8394
datatrieve	0.5385	0.4615	0.3500	-0.1471	0.4353
dbworld	0.5714	0.4286	0.5833	0.1600	0.9174
default	0.8263	0.1737	0.7128	0.3858	0.6261
defect	0.9599	0.0401	0.9228	0.8372	0.1899
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9742	0.9663	0.0307
desharnais	0.7500	0.1667	0.5333	0.4074	0.2614
dexter	0.5000	0.5000	0.3333	0.0000	0.5283
df_final	0.6875	0.2083	0.7289	0.5062	0.3050
DIA	0.6333	0.3667	0.5111	0.0222	0.9014
diabetes	0.8269	0.1731	0.8200	0.6087	0.5078
diabetes-risk	0.9210	0.0790	0.8769	0.7530	0.4412
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5393	0.3071	0.2336	0.0000	0.3426
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.4167	-0.1538	0.9932
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5417	0.4583	0.5353	0.0704	0.9669
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9043	0.0957	0.4749	0.0000	0.2168
dota210%	0.5650	0.4350	0.5606	0.1193	0.9536
dropout	0.7720	0.1520	0.6879	0.6130	0.4416
drug-01	0.4202	0.1657	0.1732	0.0842	0.4601

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-02	0.5160	0.1383	0.1670	0.1282	0.4512
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.4787	0.1489	0.1767	0.0959	0.7515
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4415	0.1596	0.2551	0.2861	0.5000
drug-07	0.4149	0.1950	0.1233	-0.0201	0.3443
drug-08	0.5532	0.1277	0.1018	0.0000	0.2637
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5532	0.1277	0.1556	0.1379	0.3884
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6170	0.1094	0.1762	0.2338	0.4039
drug-14	0.5957	0.1155	0.2567	0.2320	0.4147
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5585	0.1472	0.2620	0.2583	0.4928
drug-17	0.3670	0.1809	0.1865	0.1215	0.4917
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9206	0.0227	0.9318	0.9039	0.1265
ecoli	0.8235	0.0588	0.6675	0.7491	0.1668
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9091	0.0909	0.4762	-0.0421	0.6863
ecommerce	0.2700	0.3650	0.2712	0.0271	0.8391
eeg-eye	0.8124	0.1876	0.8099	0.6193	0.6410
eeg10%	0.3790	0.0776	0.3792	0.3091	0.6015
eucalyptus	0.6301	0.1479	0.5984	0.5276	0.4656
euthyroid	0.9494	0.0506	0.8493	0.6964	0.4404
fakenews	0.5500	0.4500	0.5501	0.1002	0.9681
farm-ads	0.4662	0.5338	0.3180	0.0000	0.5307
fbis-wc	0.0366	0.1133	0.0042	0.0000	0.3744
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.6078	0.3922	0.6074	0.2142	0.9179
fishcatch	0.7500	0.0833	0.7513	0.6863	0.2007
flags	0.6500	0.1000	0.4043	0.5498	0.2566
forest	0.2500	0.3750	0.1000	0.0000	0.3924
gastrointestinal	0.6250	0.2500	0.5747	0.3725	0.6135
gender	0.5979	0.2681	0.3778	0.1369	0.5629
gene	0.8896	0.0736	0.8789	0.8247	0.2933
german	0.7300	0.2700	0.6871	0.3602	0.7805
gestures	0.8057	0.0972	0.8086	0.7408	0.3459
gina	0.8386	0.1614	0.8388	0.6768	0.5834
gisette	0.5000	0.5000	0.3333	0.0000	0.5283
glass	0.6667	0.1111	0.6811	0.5348	0.2808
glass-g2	0.6250	0.3750	0.6291	0.2500	0.8686
glassBWFP	0.9524	0.0476	0.9529	0.9014	0.2404
glassBWNFP	0.7143	0.2857	0.7042	0.4000	0.7846
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.8095	0.1905	0.7070	0.3913	0.6840
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.5789	0.4211	0.5748	0.1461	0.9386
gli_85	0.2500	0.7500	0.2000	0.0000	0.4422
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.6000	0.4000	0.5238	0.0476	0.9294
grub-damage	0.2000	0.4000	0.1962	-0.0778	0.5772

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gsalc	0.3333	0.2222	0.3188	0.2174	0.3072
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
hapt	0.0073	0.1654	0.0012	0.0000	0.3596
har	0.9419	0.0232	0.9390	0.9265	0.1297
har701%	0.8978	0.0292	0.5290	0.8482	0.1899
harth1%	0.8502	0.0250	0.4891	0.7946	0.2044
hayes-roth	0.7500	0.1667	0.7582	0.5789	0.2752
hcc-survival	0.7059	0.2941	0.6913	0.3796	0.8165
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8889	0.1111	0.8914	0.7596	0.3038
heart-attack	0.7419	0.2581	0.7516	0.4585	0.6428
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9680	0.0320	0.9627	0.9252	0.1987
heart-quantum	0.9400	0.0600	0.9423	0.8780	0.2680
hepatitis	0.7333	0.2667	0.5833	0.1667	0.8271
hERG-121inputs	1.0000	0.0000	1.0000	1.0000	0.0000
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.6618	0.3382	0.6615	0.3227	0.8663
higher	0.3571	0.1607	0.2455	0.2364	0.2799
hinselmann	0.6000	0.4000	0.3750	-0.2500	0.8750
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8988	0.1012	0.8086	0.6114	0.5353
hiva	0.9622	0.0378	0.4904	-0.0045	0.3546
horse	0.5000	0.3333	0.3487	0.0092	0.5788
hr	0.8632	0.1368	0.4633	0.0000	0.2767
htru2	0.9777	0.0223	0.9301	0.8580	0.2226
hypothyroid	0.9920	0.0040	0.7241	0.9526	0.0810
hypothyroidT	0.9947	0.0053	0.9813	0.9626	0.1146
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9753	0.0123	0.9760	0.9671	0.0488
ionosphere	0.8857	0.1143	0.8674	0.7348	0.5055
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.5600	0.4400	0.3590	0.0000	0.5150
isolet	0.0385	0.0740	0.0029	0.0000	0.4200
jm1	0.8145	0.1855	0.6224	0.1217	0.5324
jvowels	0.9528	0.0105	0.9497	0.9465	0.0778
kc1	0.8768	0.1232	0.7272	0.3365	0.3867
kc1-class-level-defectiveornot	0.7333	0.2667	0.7455	0.4737	0.7262
kc1-class-level-numericdefect	0.6154	0.1538	0.1600	0.0441	0.3630
kc1-class-level-top5percentDF	0.8667	0.1333	0.7761	0.4444	0.5000
kc2	0.7885	0.2115	0.6298	0.2394	0.7582
kdc-4007	0.1372	0.2465	0.0345	0.0000	0.4043
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.8745	0.0837	0.8321	0.7922	0.2331
kidney-disease	0.9000	0.1000	0.9072	0.7975	0.3632
krkopt	0.6916	0.0343	0.6382	0.6567	0.4932
krvskp	0.9624	0.0376	0.9637	0.9249	0.1792
la1s-wc	0.0952	0.3016	0.0290	0.0000	0.3956
la2s-wc	0.1060	0.2980	0.0319	0.0000	0.3913
labor	0.6667	0.3333	0.6250	0.2500	0.8750
leaf	0.6471	0.0307	0.6190	0.6301	0.0877
led24	0.6500	0.0778	0.6748	0.6023	0.1940
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.8690	0.0101	0.8695	0.8637	0.1492
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leukemia2	0.7143	0.2857	0.7407	0.3636	0.4644
libra	0.7222	0.0370	0.7083	0.7017	0.1237
liver	0.7647	0.2353	0.7312	0.4625	0.7536
loan	0.9883	0.0117	0.9876	0.9749	0.0628
localization10%	0.6220	0.0687	0.3703	0.5148	0.5710
lrs	0.7925	0.0593	0.5833	0.7145	0.1988
lung	0.8571	0.0571	0.8272	0.7136	0.2174
lung_discrete	0.7500	0.1000	0.6650	0.6735	0.1392
lung-cancer	0.3333	0.4444	0.1667	0.0000	0.4167
lung-cancer-harvard1	0.9500	0.0200	0.9413	0.8901	0.0447
lung-cancer-harvard2	0.8889	0.1111	0.7805	0.4545	0.2500
lung-cancer-michigan	0.8889	0.1111	0.8333	0.6087	0.5283
lung-cancer-ontario	0.3333	0.6667	0.2500	-0.5000	1.0000
lupus	0.5556	0.4444	0.5500	0.1000	0.9644
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.4149	0.5851	0.2932	0.0000	0.5268
madelon	0.5692	0.4308	0.5694	0.1385	0.9532
magic04	0.8538	0.1462	0.8363	0.6666	0.5460
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8333	0.1667	0.8327	0.6654	0.5984
marketing	0.8839	0.1161	0.7266	0.4034	0.5289
maternal	0.7327	0.1782	0.7416	0.5977	0.4931
math	0.8750	0.0625	0.8476	0.8030	0.1490
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.5000	0.2500	0.4286	0.3333	0.4096
mental-health	0.2000	0.3200	0.1979	-0.0020	0.8716
messidor	0.7043	0.2957	0.7025	0.4040	0.8136
meter-A	0.3750	0.6250	0.4248	-0.1111	0.9210
meter-B	0.8889	0.0741	0.9167	0.8302	0.1560
meter-C	0.7222	0.1389	0.6955	0.6234	0.2767
meter-D	0.7222	0.1389	0.5811	0.6018	0.2787
mfeat-fac	0.9700	0.0060	0.9708	0.9667	0.0373
mfeat-fou	0.7900	0.0420	0.7908	0.7667	0.1925
mfeat-kar	0.9300	0.0140	0.9320	0.9222	0.0832
mfeat-mor	0.7400	0.0520	0.7459	0.7111	0.1804
mfeat-pix	0.9400	0.0120	0.9399	0.9333	0.0733
mfeat-zer	0.8300	0.0340	0.8298	0.8111	0.1096
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5294	0.1882	0.5375	0.4132	0.4327
mobile	0.6958	0.0109	0.7013	0.6903	0.1402
monks-1	0.9818	0.0182	0.9821	0.9636	0.1023
monks-2	0.8197	0.1803	0.8086	0.6137	0.6392
monks-3	0.9821	0.0179	0.9824	0.9642	0.0997
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	0.9988	0.0012	0.9988	0.9975	0.0115
music	0.5050	0.0900	0.5302	0.4039	0.5301
musk	0.9152	0.0848	0.8209	0.6020	0.3556
MUT_ci300400a_cdk_ECFP2	0.7170	0.2830	0.7138	0.4261	0.7965
MUT_ci300400a_cdk_ECFP4	0.7389	0.2611	0.7322	0.4643	0.7719
MUT_ci300400a_cdk_ECFP6	0.6826	0.3174	0.6745	0.3490	0.8463
MUT_ci300400a_cdk_ESTATE	0.7194	0.2806	0.7078	0.4135	0.7983
MUT_ci300400a_cdk_EXTENDED	0.7710	0.2290	0.7641	0.5281	0.7222
MUT_ci300400a_cdk_FCFP2	0.7557	0.2443	0.7464	0.4916	0.7454
MUT_ci300400a_cdk_FCFP4	0.7278	0.2722	0.7194	0.4387	0.7889
MUT_ci300400a_cdk_FCFP6	0.7422	0.2578	0.7355	0.4710	0.7671
MUT_ci300400a_cdk_MACCS	0.7410	0.2590	0.7318	0.4631	0.7693

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_PUBCHEM	0.8000	0.2000	0.7930	0.5854	0.6690
MUT_ci300400a_cdk_STANDARD	0.7557	0.2443	0.7473	0.4941	0.7468
MUT_ci300400a_rdkit_descriptors	0.7794	0.2206	0.7753	0.5504	0.7059
myocardial	0.8706	0.0324	0.2931	0.3867	0.2844
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.8977	0.0108	0.3691	0.7045	0.3714
new-thyroid	0.9048	0.0635	0.8596	0.7586	0.1071
new-thyroidT	0.9048	0.0952	0.8056	0.6111	0.5744
new3s-wc	0.0095	0.0450	0.0004	0.0000	0.4165
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.4861	0.3426	0.3114	-0.0110	0.5663
nursery	0.9869	0.0066	0.9792	0.9808	0.0467
obesity	0.8341	0.0474	0.8309	0.8062	0.2068
obs	0.9537	0.0231	0.9665	0.9312	0.0906
occupancy	0.9898	0.0102	0.9860	0.9717	0.1192
Occupancy_Estimation	0.9901	0.0049	0.9665	0.9699	0.0346
oh0-wc	0.0594	0.1881	0.0112	0.0000	0.3994
oh10-wc	0.1143	0.1771	0.0205	0.0000	0.3917
oh15-wc	0.0652	0.1870	0.0122	0.0000	0.4020
oh5-wc	0.0769	0.1846	0.0143	0.0000	0.4027
ohscal-wc	0.1039	0.1792	0.0188	0.0000	0.4018
olive	0.9474	0.0117	0.9385	0.9343	0.0333
opn310k10%	0.9171	0.0829	0.6583	0.2051	0.4353
optdigits	0.9413	0.0117	0.9448	0.9347	0.0767
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.6750	0.0163	0.6210	0.6667	0.0586
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.4805	0.0000	0.1826
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7938	0.2062	0.7647	0.5268	0.6957
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8651	0.1349	0.8659	0.7271	0.5040
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9726	0.0110	0.8418	0.8338	0.0869
parkinson	1.0000	0.0000	1.0000	1.0000	0.0000
parkinsons	0.8626	0.1374	0.8527	0.7045	0.5387
parkinsons-small	0.8947	0.1053	0.8643	0.7286	0.5039
particle10%	0.8985	0.1015	0.8739	0.7477	0.4825
pasture	0.5000	0.3333	0.2222	0.0000	0.3770
pc1	0.9189	0.0811	0.4789	-0.0163	0.5300
pcmac	0.5773	0.4227	0.3660	-0.0103	0.5851
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8026	0.1974	0.7031	0.3478	0.6177
pediatric-leukemia	0.0588	0.2689	0.0159	0.0000	0.3987
pendigits	0.9682	0.0064	0.9682	0.9646	0.0515
period	0.7778	0.2222	0.7568	0.4000	0.4011
period-10f	0.7778	0.2222	0.7568	0.4000	0.4011
persistency	0.7901	0.2099	0.7745	0.5485	0.6964
pet-adoption	0.9350	0.0650	0.9259	0.8489	0.3030
phishing	0.9388	0.0612	0.9357	0.8699	0.2925
phone-acc0.1%	0.8185	0.0518	0.8091	0.7877	0.1884
phone-gyr0.1%	0.8600	0.0400	0.8495	0.8363	0.1769
phoneme	0.8315	0.1685	0.7905	0.5809	0.6488
pima	0.7500	0.2500	0.7412	0.4270	0.6213
placement	0.7770	0.2230	0.7720	0.5439	0.7108
plant-growth	0.5263	0.4737	0.5278	0.0552	0.9801
plrx	0.7222	0.2778	0.4194	0.0000	0.4246

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
poker1%	0.4946	0.1444	0.1418	0.0273	0.3183
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9561	0.0439	0.7346	0.4352	0.4617
polish-5th	0.9475	0.0525	0.7542	0.3961	0.2472
polya	0.7730	0.2270	0.7462	0.4882	0.7245
post-operative	0.7778	0.2222	0.7568	0.4000	0.4011
pred-tox_mutagen_ref-desc	0.7059	0.2941	0.7073	0.4118	0.8058
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0839	0.3699	0.3988	0.2638
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.7000	0.3000	0.7674	0.4444	0.5112
prostate	0.7857	0.2143	0.8228	0.5882	0.4644
prostate_GE	0.7273	0.2727	0.7609	0.4211	0.4644
puc-rio10%	0.9505	0.0198	0.9226	0.9336	0.1200
pulsar	0.9785	0.0215	0.9334	0.8650	0.2186
raisin	0.8889	0.1111	0.8889	0.7778	0.4633
rcv11%	0.0389	0.0469	0.0018	0.0000	0.3365
re0-wc	0.0200	0.1508	0.0030	0.0000	0.3266
re1-wc	0.0181	0.0786	0.0014	0.0000	0.3595
rejafada	0.9950	0.0050	0.9665	0.9307	0.2605
relathe	0.5423	0.4577	0.3516	0.0000	0.5201
reuters21578	0.4470	0.0230	0.0129	0.0000	0.2191
rice	0.9841	0.0159	0.9839	0.9678	0.1076
rnaseq	0.1750	0.3300	0.0596	0.0000	0.3826
rocket	0.6168	0.3832	0.5911	0.1785	0.9171
satimage	0.8569	0.0477	0.8279	0.8230	0.2078
satimageF	0.9736	0.0264	0.9290	0.8475	0.0891
satimageT	0.9207	0.0793	0.7744	0.5482	0.5790
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5294	0.4706	0.5296	0.0588	0.9796
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9351	0.0186	0.9432	0.9240	0.0734
segmentation	0.7871	0.2129	0.7619	0.5196	0.6991
segmentO	0.9740	0.0260	0.9471	0.8884	0.0909
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9811	0.0189	0.9462	0.8863	0.0684
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.9002	0.0998	0.7922	0.5763	0.5451
sick	0.9655	0.0345	0.8427	0.6500	0.2345
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin10%	0.9902	0.0098	0.9853	0.9705	0.1185
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.2600	0.3700	0.1066	0.0011	0.4486

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
smk_can_187	0.4737	0.5263	0.3214	0.0000	0.5305
soil_pollution	0.1700	0.3320	0.1706	-0.0379	0.8846
solar-flare	0.7266	0.0911	0.5276	0.6462	0.1831
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.8971	0.0108	0.8573	0.8863	0.0497
spam-detection	0.9505	0.0495	0.8429	0.6828	0.4433
spambase	0.9109	0.0891	0.9066	0.8131	0.4073
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.7143	0.2857	0.4167	0.0000	0.4308
spectrometer	0.4340	0.0404	0.2703	0.3993	0.1790
splice-EI	0.9432	0.0568	0.9292	0.8555	0.3558
splice-IE	0.9054	0.0946	0.8650	0.7280	0.4672
sport-articles	0.6900	0.3100	0.6916	0.3735	0.8047
squash-stored	0.6000	0.2667	0.6667	0.3750	0.4000
squash-unstored	0.6000	0.4000	0.7059	0.2857	0.5283
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8961	0.0693	0.8702	0.8312	0.2419
steel-b	0.8103	0.1897	0.6871	0.3663	0.7293
steel-d	0.9692	0.0308	0.4922	0.0000	0.0938
steel-k	0.9641	0.0359	0.9445	0.8889	0.2600
steel-o	0.7538	0.2462	0.7239	0.4467	0.7642
steel-p	0.9128	0.0872	0.4772	-0.0097	0.4353
steel-s	0.9846	0.0154	0.8934	0.7617	0.0555
steel-z	0.9692	0.0308	0.9090	0.8164	0.3047
stock	0.8958	0.1042	0.8092	0.6067	0.5125
stockb	0.9868	0.0088	0.9870	0.9802	0.0432
streaming	0.9960	0.0040	0.9960	0.9919	0.0293
stress	0.9841	0.0063	0.9852	0.9802	0.0242
student-lifestyle	0.6200	0.1520	0.3473	0.3928	0.4418
student-habits	0.3900	0.2440	0.1816	0.0249	0.4559
student-weekend	0.3385	0.2646	0.2352	0.1033	0.7240
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.5385	0.3077	0.5820	0.2778	0.4565
susy1%	0.7938	0.2062	0.7924	0.5805	0.6647
tae	0.5333	0.3111	0.5333	0.3000	0.5630
telco-churn	0.8963	0.1037	0.8622	0.7184	0.4551
texture	0.9836	0.0030	0.9846	0.9820	0.0219
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9368	0.0632	0.9291	0.8541	0.2792
tis10%	0.8657	0.1343	0.8070	0.5971	0.5309
titanic	0.8182	0.1818	0.7934	0.5163	0.4251
tourist	0.7500	0.1000	0.7059	0.6596	0.1667
tox_171	0.6471	0.1765	0.6941	0.5300	0.3194
toxicity	0.5294	0.4706	0.4397	-0.1148	0.9926
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.5614	0.1228	0.8702
trec11-wc	0.8293	0.0379	0.7471	0.7940	0.1919
trec12-wc	0.7419	0.0645	0.7662	0.6845	0.2015
trec21-wc	0.9697	0.0121	0.7958	0.9345	0.0286
trec23-wc	0.7143	0.0952	0.7750	0.6369	0.1504
trec31-wc	0.3763	0.2079	0.0911	0.0000	0.3309
trec41-wc	0.0227	0.1955	0.0044	0.0000	0.3666
trec45-wc	0.1739	0.1652	0.0296	0.0000	0.3638
tuandromd	0.9727	0.0273	0.9567	0.9132	0.2386

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
turkish	0.7500	0.1250	0.7436	0.6667	0.2960
tvnews1%	0.8692	0.1308	0.8591	0.7180	0.5295
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7463	0.0564	0.7343	0.7017	0.2142
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.0098	0.9902	0.0097	0.0000	0.0277
vehicle	0.2500	0.3750	0.1000	0.0000	0.3964
vehicleVAN	0.9524	0.0476	0.9354	0.8689	0.2600
voice	0.7500	0.2500	0.7391	0.4706	0.7427
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.0909	0.1653	0.0152	0.0000	0.4085
vowelZ	0.9798	0.0202	0.9363	0.8642	0.0715
wap-wc	0.0128	0.0987	0.0013	0.0000	0.3787
warpar10p	0.6923	0.0615	0.6240	0.6556	0.0975
warppie10p	0.7619	0.0476	0.7582	0.7348	0.0896
watch-acc1%	0.9506	0.0141	0.9497	0.9422	0.0907
watch-gyr1%	0.9604	0.0113	0.9595	0.9537	0.0719
water_pollution	0.2433	0.3783	0.0979	0.0000	0.4051
waveform	0.8400	0.1067	0.8401	0.7600	0.3698
weather-related	0.9558	0.0080	0.9557	0.9498	0.0605
web-phishing	0.8667	0.0889	0.8122	0.7642	0.3901
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.6667	0.3333	0.4000	0.0000	0.4644
wifi-loc	0.9850	0.0075	0.9850	0.9800	0.0384
wilt	0.9793	0.0207	0.8829	0.7620	0.3176
wine	0.8824	0.0784	0.8988	0.8090	0.1912
winequality-red	0.5660	0.1447	0.2689	0.2945	0.4694
winequality-white	0.5256	0.1581	0.3004	0.2441	0.5463
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.2500	0.1000	0.2051	0.2000	0.2126
yeast	0.2365	0.1697	0.0425	0.0000	0.3156
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.0270	0.9730	0.0263	0.0000	0.0739
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.0473	0.9527	0.0452	0.0000	0.1242
zip	0.9183	0.0163	0.9101	0.9084	0.1224

Table 526: Detailed results for RerF^{CV} Noise 20%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1487	0.0740	0.0838	0.0571	0.4700
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9634	0.0366	0.9213	0.8297	0.1164
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.9167	0.0833	0.8127	0.6197	0.5102
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.8250	0.5882	0.5283
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7000	0.3000	0.5776	0.1176	0.7934
AID721morered	0.8889	0.1111	0.8333	0.6087	0.2605
AID721red	0.8889	0.1111	0.8333	0.6087	0.2605
aids	0.8967	0.1033	0.8536	0.6876	0.3996
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8190	0.0724	0.5098	0.5795	0.4240
all-aml	0.6667	0.3333	0.6250	0.2500	0.8750
alzheimers	0.8698	0.1302	0.8572	0.6970	0.4455
anneal	0.9888	0.0045	0.9872	0.9766	0.0639
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9986	0.0014	0.9562	0.9084	0.0073
anuran-family	0.9833	0.0083	0.9471	0.9681	0.0424
anuran-genus	0.9861	0.0035	0.9409	0.9771	0.0553
anuran-species	0.9833	0.0033	0.9706	0.9769	0.0487
anxiety	0.1000	0.2000	0.0956	-0.0154	0.8034
apple-quality	0.8475	0.1525	0.8480	0.6950	0.5622
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia	0.8000	0.0400	0.6156	0.6506	0.1248
auction	0.9363	0.0637	0.8467	0.6879	0.4353
audiology	0.6957	0.0507	0.4219	0.6382	0.1104
audit-risk	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adolescent	1.0000	0.0000	1.0000	1.0000	0.0000
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.9000	0.0400	0.8853	0.8684	0.0814
avila	0.9391	0.0101	0.8307	0.9201	0.1306
babies	0.4435	0.1590	0.1437	0.1073	0.3715
balance	0.8710	0.0860	0.6043	0.7561	0.1997
banknote	0.9562	0.0438	0.9579	0.9122	0.2070
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8756	0.1244	0.8670	0.7131	0.4023
basehock	0.9397	0.0603	0.9400	0.8794	0.2987

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8381	0.1619	0.8260	0.6448	0.5726
biomed	0.9048	0.0952	0.9114	0.8073	0.3522
bitcoin1%	0.9856	0.0041	0.1418	-0.0004	0.1106
body-perf	0.7097	0.1451	0.7115	0.6129	0.4361
brain-tumor	0.4975	0.5025	0.4979	-0.0041	0.9852
breast-cancer	0.8214	0.1786	0.7665	0.5070	0.6034
breast-cancer-co	0.7273	0.2727	0.7333	0.4590	0.7617
breast-cancer-ma	0.4545	0.5455	0.4248	-0.1379	1.0000
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	0.9855	0.0145	0.9841	0.9677	0.0715
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9598	0.0201	0.9589	0.9158	0.1720
car-insurance	0.8330	0.1670	0.8011	0.6002	0.6265
card	0.8841	0.1159	0.8841	0.7551	0.4042
cardiotocography	0.8310	0.0338	0.7261	0.7953	0.1759
cardiotocography-nsp	0.9155	0.0563	0.8199	0.7435	0.1851
cardiovascular	0.7309	0.2691	0.7322	0.4617	0.7715
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.8000	0.1333	0.7258	0.6433	0.4476
cas_N6512_cdk_ECFP2	0.7189	0.2811	0.7188	0.4369	0.7939
cas_N6512_rdkit_ATOMPAIR	0.7338	0.2662	0.7317	0.4631	0.7754
cas_N6512_RDkit_AtomPair_FP	0.7055	0.2945	0.7038	0.4076	0.8149
cas_N6512_rdkit_AVALON	0.7558	0.2442	0.7556	0.5105	0.7397
cas_N6512_RDkit_Avalon_FP	0.7623	0.2377	0.7628	0.5243	0.7273
cas_N6512_rdkit_descriptors	0.7785	0.2215	0.7774	0.5547	0.7044
cas_N6512_rdkit_FEATMORGAN	0.7312	0.2688	0.7304	0.4605	0.7783
cas_N6512_RDkit_Featmorgan_FP	0.7393	0.2607	0.7403	0.4789	0.7616
cas_N6512_RDkit_FP	0.7439	0.2561	0.7448	0.4880	0.7550
cas_N6512_rdkit_LAYERED	0.7415	0.2585	0.7419	0.4827	0.7602
cas_N6512_RDkit_Layered_FP	0.7362	0.2638	0.7349	0.4698	0.7719
cas_N6512_rdkit_MACCS	0.7723	0.2277	0.7710	0.5419	0.7151
cas_N6512_RDkit_MACCS_FP	0.7920	0.2080	0.7925	0.5836	0.6759
cas_N6512_rdkit_MORGAN	0.7585	0.2415	0.7572	0.5144	0.7377
cas_N6512_RDkit_morgan_FP	0.7515	0.2485	0.7519	0.5027	0.7449
cas_N6512_rdkit_PATTERN	0.7677	0.2323	0.7698	0.5365	0.7128
cas_N6512_RDkit_pattern_FP	0.7178	0.2822	0.7204	0.4376	0.7876
cas_N6512_rdkit_RDKITFP	0.6943	0.3057	0.6943	0.3879	0.8265
cas_N6512_rdkit_TORSION	0.7250	0.2750	0.7268	0.4511	0.7799
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7513	0.2487	0.7258	0.4514	0.7671
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9725	0.0275	0.8080	0.5707	0.2716
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9527	0.0473	0.6744	0.0561	0.1301
central-nervous-system	0.8333	0.1667	0.8537	0.6667	0.4644
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9651	0.0349	0.8269	0.6485	0.5273
cervical-S	0.9535	0.0465	0.8481	0.6446	0.1330
chrom191%	0.9994	0.0006	0.8570	0.6664	0.0035
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8380	0.1620	0.7190	0.4160	0.6492
churn-bigml	0.9363	0.0637	0.8633	0.7178	0.3825
ci900367j_MACCS	0.6316	0.3684	0.6065	0.2130	0.9060
circles	0.9980	0.0000	0.9981	0.9980	0.0011
cirrhosis	0.7619	0.1587	0.5145	0.5291	0.3908
cjs	0.9893	0.0036	0.9891	0.9869	0.0247

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8056	0.0972	0.5692	0.6842	0.2732
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.5833	0.2778	0.7657	0.3878	0.2209
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5238	0.3175	0.4926	0.2498	0.7342
cnae-9	0.9444	0.0123	0.9459	0.9375	0.0634
coil20	0.9931	0.0007	0.9941	0.9927	0.0051
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.8600	0.0187	0.8450	0.8451	0.0679
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6897	0.3103	0.6349	0.2606	0.8474
colposcopies-2	0.7241	0.2759	0.7005	0.3446	0.6808
colposcopies-3	0.6207	0.3793	0.6471	0.0963	0.4968
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5517	0.4483	0.5505	0.0872	0.9112
colposcopies-c	0.7931	0.2069	0.6919	0.3741	0.7372
column-2c	0.8710	0.1290	0.8486	0.6884	0.4958
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne	0.7500	0.2500	0.7509	0.5003	0.7458
coupon	0.6924	0.3076	0.6829	0.3450	0.7921
crabs	0.8500	0.0750	0.8623	0.8000	0.1886
crowdsourced	0.9465	0.0178	0.8470	0.8871	0.0908
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.5000	0.0312	0.4592	0.4839	0.1031
customer-churn	0.9818	0.0182	0.7082	0.3562	0.3829
cybersecurity	0.2000	0.2667	0.1872	0.0325	0.7010
cyclopentane	0.6667	0.3333	0.6657	0.3306	0.8586
cylinder-bands	0.7407	0.2593	0.7349	0.4698	0.7686
darwin	0.8333	0.1667	0.8354	0.6667	0.5823
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.8233	0.1767	0.7076	0.3789	0.6417
defect	0.9321	0.0679	0.8650	0.7070	0.2975
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9729	0.9662	0.0254
desharnais	0.5000	0.3333	0.7549	0.3043	0.2188
dexter	0.9000	0.1000	0.9083	0.8000	0.3145
df_final	0.7500	0.1667	0.7526	0.6049	0.3123
DIA	0.7833	0.2167	0.6666	0.2353	0.5887
diabetes	0.9231	0.0769	0.9187	0.8375	0.3723
diabetes-risk	0.9189	0.0811	0.8712	0.7380	0.4220
diabetic1%	0.5490	0.3007	0.3307	0.0622	0.4708
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9833	0.0083	0.9754	0.9769	0.0227
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.3750	0.6250	0.3472	-0.3043	1.0000
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dorothea	0.9304	0.0696	0.7695	0.5198	0.4978
dota210%	0.5544	0.4456	0.5512	0.0742	0.8515
dropout	0.7449	0.1701	0.6521	0.5672	0.4812
drug-01	0.3670	0.1809	0.1407	-0.0317	0.4737
drug-02	0.5160	0.1383	0.0976	0.0045	0.2915
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-04	0.5319	0.1337	0.0992	0.0000	0.2876
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.1661	0.2507	0.3568
drug-07	0.4309	0.1897	0.1450	0.0039	0.3109
drug-08	0.5798	0.1201	0.2314	0.1143	0.3005
drug-09	0.8670	0.0443	0.2011	0.0604	0.1918
drug-10	0.5532	0.1277	0.1406	0.0976	0.3363
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7872	0.0709	0.1468	-0.0071	0.2395
drug-13	0.6117	0.1109	0.1652	0.1782	0.3168
drug-14	0.6383	0.1033	0.3015	0.3461	0.4232
drug-15	0.0745	0.2644	0.0905	0.0249	0.5654
drug-16	0.5638	0.1454	0.2911	0.2343	0.4518
drug-17	0.3670	0.1809	0.1342	0.1135	0.4379
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9214	0.0225	0.9331	0.9049	0.1292
ecoli	0.8529	0.0490	0.6954	0.7942	0.1484
ecoliCP-IM	0.9545	0.0455	0.9543	0.9043	0.2404
ecoliM	0.7879	0.2121	0.7504	0.4878	0.7007
ecoliMU	0.9091	0.0909	0.6822	0.3529	0.6260
ecoliOM	0.9697	0.0303	0.8514	0.6526	0.0949
ecommerce	0.2100	0.3950	0.2103	-0.0510	0.8648
eeg-eye	0.8945	0.1055	0.8933	0.7862	0.4469
eeg10%	0.4433	0.0696	0.3837	0.3790	0.5406
eucalyptus	0.5890	0.1644	0.5558	0.4700	0.4313
euthyroid	0.9557	0.0443	0.8658	0.7260	0.3735
fakenews	0.5075	0.4925	0.5072	0.0145	0.9956
farm-ads	0.8696	0.1304	0.8702	0.7360	0.4938
fbis-wc	0.8089	0.0225	0.7188	0.7804	0.1378
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8431	0.1569	0.8416	0.6832	0.5784
fishcatch	0.9375	0.0208	0.9554	0.9220	0.0612
flags	0.7500	0.0714	0.4750	0.6815	0.1416
forest	0.8846	0.0577	0.8658	0.8398	0.1322
gastrointestinal	0.8125	0.1250	0.7980	0.6690	0.2207
gender	0.5895	0.2737	0.4338	0.1220	0.5555
gene	0.8738	0.0841	0.8573	0.7965	0.2972
german	0.7200	0.2800	0.6750	0.2802	0.6783
gestures	0.9170	0.0415	0.9175	0.8893	0.1745
gina	0.9308	0.0692	0.9309	0.8616	0.3356
gisette	0.9557	0.0443	0.9559	0.9114	0.2403
glass	0.7619	0.0794	0.7233	0.6667	0.2160
glass-g2	0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP	0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP	0.7619	0.2381	0.7698	0.5161	0.6769
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.8571	0.1429	0.7918	0.5772	0.5973
glassTableware	0.9545	0.0455	0.8483	0.6452	0.5283
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.7895	0.2105	0.7889	0.5778	0.6844
gli_85	0.7500	0.2500	0.6667	0.3333	0.7987
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8790	0.7571	0.4898
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.6000	0.2000	0.6057	0.4578	0.4608
gsalc	0.7778	0.0741	0.8333	0.7353	0.1060
haberman	0.7000	0.3000	0.5269	0.0426	0.8482

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hapt	0.9616	0.0064	0.8714	0.9546	0.0412
har	0.9781	0.0088	0.9764	0.9723	0.0517
har701%	0.9212	0.0225	0.5414	0.8833	0.1663
harth1%	0.8748	0.0209	0.5810	0.8284	0.1720
hayes-roth	0.4375	0.3750	0.5397	0.1166	0.4279
hcc-survival	0.5294	0.4706	0.4923	-0.0149	0.9858
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.7778	0.2222	0.7666	0.5263	0.6954
heart-attack	0.8387	0.1613	0.8466	0.6804	0.5410
heart-c	0.8333	0.1667	0.8374	0.6606	0.5434
heart-failure	0.9720	0.0280	0.9677	0.9334	0.1129
heart-quantum	0.9200	0.0800	0.9194	0.8361	0.3730
hepatitis	0.8667	0.1333	0.7917	0.5833	0.6219
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.8462	0.1538	0.7833	0.5667	0.6469
higgs0.1%	0.6409	0.3591	0.6384	0.2764	0.8899
higher	0.2143	0.1964	0.1389	0.0610	0.3057
hinselmann	0.7000	0.3000	0.4118	-0.1538	0.8916
hitters	0.9062	0.0938	0.9063	0.8110	0.4035
hiv1-proteasa	0.8769	0.1231	0.7575	0.4994	0.5865
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5556	0.2963	0.3897	0.0943	0.4702
hr	0.8456	0.1544	0.4582	-0.0321	0.6348
htru2	0.9777	0.0223	0.9296	0.8528	0.1553
hypothyroid	0.9894	0.0053	0.7320	0.9368	0.0849
hypothyroidT	0.9947	0.0053	0.9811	0.9614	0.0242
ilpd	0.7119	0.2881	0.5716	0.0907	0.7395
immuno-therapy	0.8889	0.1111	0.8333	0.6087	0.2605
instagram	0.9760	0.0120	0.9766	0.9680	0.0494
ionosphere	0.9143	0.0857	0.9038	0.8059	0.4246
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	0.9800	0.0200	0.9802	0.9596	0.1220
isolet	0.9140	0.0066	0.9172	0.9106	0.0723
jm1	0.8209	0.1791	0.6522	0.1453	0.4609
jvowels	0.9819	0.0040	0.9812	0.9795	0.0312
kc1	0.8626	0.1374	0.6995	0.1888	0.2810
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6154	0.1538	0.1600	0.0441	0.3630
kc1-class-level-top5percentDF	0.8000	0.2000	0.4444	-0.0976	0.5661
kc2	0.8077	0.1923	0.6929	0.3824	0.7363
kdc-4007	0.7431	0.0734	0.7516	0.7001	0.3476
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.8724	0.0851	0.8277	0.7887	0.2326
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.7430	0.0286	0.7478	0.7117	0.2618
krvskp	0.9687	0.0313	0.9686	0.9372	0.1880
la1s-wc	0.8413	0.0529	0.8096	0.7964	0.2057
la2s-wc	0.8907	0.0364	0.8718	0.8610	0.1549
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.6765	0.0281	0.6534	0.6603	0.0884
led24	0.6500	0.0778	0.6705	0.6023	0.1819
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9360	0.0049	0.9363	0.9334	0.0755
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8654	0.6957	0.3522
libra	0.8056	0.0259	0.8081	0.7916	0.0857

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
liver	0.5588	0.4412	0.5077	0.0154	0.9475
loan	0.9766	0.0234	0.9750	0.9499	0.1452
localization10%	0.6475	0.0641	0.3724	0.5351	0.3658
lrs	0.8302	0.0485	0.6262	0.7636	0.1469
lung	0.8571	0.0571	0.7309	0.6786	0.1099
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	0.8889	0.1111	0.7805	0.4545	0.2500
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.6667	0.3333	0.6582	0.3077	0.8482
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.5851	0.4149	0.3691	0.0000	0.5062
madelon	0.5808	0.4192	0.5808	0.1615	0.9446
magic04	0.8617	0.1383	0.8455	0.6827	0.5143
malware	0.9730	0.0270	0.9554	0.9068	0.0972
mammography	0.8542	0.1458	0.8535	0.7064	0.5488
marketing	0.8616	0.1384	0.6494	0.2260	0.5792
maternal	0.7426	0.1716	0.7491	0.6097	0.4797
math	0.7500	0.1250	0.5671	0.5902	0.2979
mba	0.8323	0.1118	0.3028	-0.0119	0.2676
mental-disorders	0.8333	0.0833	0.8654	0.7778	0.1572
mental-health	0.2400	0.3040	0.2437	0.0484	0.8410
messidor	0.7130	0.2870	0.7055	0.4093	0.8052
meter-A	0.7500	0.2500	0.7333	0.4667	0.7630
meter-B	0.4444	0.3704	0.4579	0.1667	0.6103
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9550	0.0090	0.9553	0.9500	0.0545
mfeat-fou	0.8100	0.0380	0.8081	0.7889	0.1472
mfeat-kar	0.9750	0.0050	0.9761	0.9722	0.0311
mfeat-mor	0.7000	0.0600	0.7008	0.6667	0.2106
mfeat-pix	0.9750	0.0050	0.9764	0.9722	0.0284
mfeat-zer	0.8050	0.0390	0.8017	0.7833	0.1290
mice-prot	0.9537	0.0116	0.9528	0.9470	0.0499
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.5882	0.1647	0.5785	0.4843	0.4395
mobile	0.9371	0.0022	0.9401	0.9359	0.0295
monks-1	0.8364	0.1636	0.8415	0.6715	0.5468
monks-2	0.7869	0.2131	0.7548	0.4997	0.6900
monks-3	0.9464	0.0536	0.9467	0.8929	0.2762
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5089	0.0893	0.5679	0.3903	0.4449
musk	0.9364	0.0636	0.8702	0.7128	0.2449
MUT_ci300400a_cdk_ECFP2	0.7566	0.2434	0.7527	0.5045	0.7413
MUT_ci300400a_cdk_ECFP4	0.7784	0.2216	0.7744	0.5481	0.7066
MUT_ci300400a_cdk_ECFP6	0.7473	0.2527	0.7383	0.4758	0.7592
MUT_ci300400a_cdk_ESTATE	0.7506	0.2494	0.7413	0.4817	0.7537
MUT_ci300400a_cdk_EXTENDED	0.7926	0.2074	0.7920	0.5808	0.6740
MUT_ci300400a_cdk_FCFP2	0.8072	0.1928	0.8009	0.6016	0.6565
MUT_ci300400a_cdk_FCFP4	0.7530	0.2470	0.7434	0.4849	0.7484
MUT_ci300400a_cdk_FCFP6	0.7518	0.2482	0.7453	0.4907	0.7525
MUT_ci300400a_cdk_MACCS	0.7854	0.2146	0.7773	0.5526	0.6927
MUT_ci300400a_cdk_PUBCHEM	0.8132	0.1868	0.8124	0.6219	0.6363
MUT_ci300400a_cdk_STANDARD	0.7737	0.2263	0.7688	0.5373	0.7160

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_rdkit_descriptors	0.7920	0.2080	0.7889	0.5772	0.6825
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
NCI60	0.8333	0.0556	0.7895	0.8000	0.0530
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.9073	0.0098	0.4904	0.7394	0.4220
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.9524	0.0476	0.8981	0.7742	0.1408
new3s-wc	0.8351	0.0075	0.8388	0.8294	0.1157
NHANES_age_prediction	1.0000	0.0000	1.0000	1.0000	0.0000
NPHA-doctor-visits	0.5139	0.3241	0.2263	-0.0223	0.4554
nursery	0.9730	0.0135	0.9384	0.9603	0.0673
obesity	0.9100	0.0257	0.9109	0.8948	0.1174
obs	0.9907	0.0046	0.9934	0.9862	0.0189
occupancy	0.9903	0.0097	0.9866	0.9729	0.1138
Occupancy_Estimation	0.9941	0.0030	0.9789	0.9820	0.0352
oh0-wc	0.9307	0.0139	0.9313	0.9206	0.0682
oh10-wc	0.7810	0.0438	0.7845	0.7500	0.1982
oh15-wc	0.8587	0.0283	0.8670	0.8387	0.1314
oh5-wc	0.8242	0.0352	0.8417	0.8003	0.1638
ohscal-wc	0.8038	0.0392	0.7930	0.7802	0.2589
olive	0.9298	0.0156	0.9174	0.9123	0.0441
opn310k10%	0.9247	0.0753	0.7120	0.3726	0.4924
optdigits	0.9751	0.0050	0.9767	0.9723	0.0348
optdigitsZ	0.9929	0.0071	0.9778	0.9553	0.0921
orl	0.8750	0.0063	0.8426	0.8718	0.0210
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9600	0.0400	0.9573	0.9110	0.1529
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9289	0.0711	0.6520	0.1647	0.3724
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.7938	0.2062	0.7636	0.5232	0.6924
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9155	0.8259	0.3676
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9762	0.0095	0.8602	0.8627	0.1579
parkinson	0.9583	0.0417	0.9568	0.9135	0.2324
parkinsons	0.8246	0.1754	0.8108	0.6115	0.5944
parkinsons-small	1.0000	0.0000	1.0000	1.0000	0.0000
particle10%	0.9177	0.0823	0.8982	0.7964	0.4234
pasture	0.5000	0.3333	0.5000	0.2000	0.3750
pc1	0.9279	0.0721	0.6644	0.2997	0.5774
pcmac	0.5825	0.4175	0.3681	0.0000	0.5072
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7498	0.4583	0.5776
pediatric-leukemia	0.7353	0.0756	0.5881	0.6670	0.2044
pendigits	0.9936	0.0013	0.9935	0.9929	0.0119
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.5556	0.4444	0.5000	0.0000	0.9591
persistency	0.8047	0.1953	0.7899	0.5792	0.6687
pet-adoption	0.9050	0.0950	0.8917	0.7739	0.3693
phishing	0.9510	0.0490	0.9486	0.8972	0.2697
phone-acc0.1%	0.8415	0.0453	0.8310	0.8145	0.1658
phone-gyr0.1%	0.8607	0.0398	0.8541	0.8370	0.1711
phoneme	0.8778	0.1222	0.8464	0.6917	0.5314
pima	0.7368	0.2632	0.7191	0.4081	0.7142
placement	0.7850	0.2150	0.7787	0.5574	0.6975
plant-growth	0.7368	0.2632	0.7389	0.4751	0.7624
plrx	0.7778	0.2222	0.7143	0.2653	0.3876
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
polish-3rd	0.9524	0.0476	0.4878	0.0000	0.1307
polish-4th	0.9500	0.0500	0.6593	0.1839	0.3437
polish-5th	0.9492	0.0508	0.7625	0.4436	0.3042
polya	0.7578	0.2422	0.7272	0.4126	0.6642
post-operative	0.4444	0.5556	0.3077	-0.3636	1.0000
pred-tox_mutagen_ref-desc	0.6176	0.3824	0.6185	0.2353	0.9081
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.4545	0.0839	0.3686	0.3857	0.2602
profb	0.6269	0.3731	0.5022	0.0036	0.9084
promoters	0.6000	0.4000	0.5519	0.0909	0.9071
prostate	0.7857	0.2143	0.7887	0.5714	0.6759
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9873	0.0051	0.9757	0.9830	0.0354
pulsar	0.9816	0.0184	0.9433	0.8840	0.1636
raisin	0.8222	0.1778	0.8274	0.6444	0.5836
rcv11%	0.7333	0.0130	0.3916	0.6939	0.1615
re0-wc	0.8333	0.0256	0.6971	0.7781	0.2432
re1-wc	0.7651	0.0188	0.4891	0.7267	0.1590
rejafada	1.0000	0.0000	1.0000	1.0000	0.0000
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.8627	0.0057	0.4351	0.8066	0.0859
rice	0.9841	0.0159	0.9839	0.9678	0.1064
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6531	0.3469	0.6289	0.2498	0.8733
satimage	0.9036	0.0321	0.8882	0.8806	0.1486
satimageF	0.9829	0.0171	0.9557	0.9113	0.2122
satimageT	0.9362	0.0638	0.8031	0.5904	0.4544
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5882	0.4118	0.5944	0.1765	0.9011
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9048	0.0635	0.9152	0.8571	0.1726
segment	0.9351	0.0186	0.9389	0.9241	0.0904
segmentation	0.8267	0.1733	0.8131	0.6258	0.6309
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9341	0.0659	0.4830	0.0000	0.1661
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8737	0.1263	0.6687	0.0675	0.2632
sens-4-gram	0.8658	0.1342	0.5694	0.0500	0.4928
sens-5-gram	0.8658	0.1342	0.5895	0.0994	0.5596
sens-6-gram	0.8632	0.1368	0.4633	-0.0102	0.4508
sens-7-gram	0.8658	0.1342	0.5694	0.0500	0.4928
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8946	0.1054	0.7685	0.4930	0.4711
sick	0.9655	0.0345	0.8427	0.6500	0.2345
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin10%	0.9959	0.0041	0.9938	0.9876	0.0538
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.1000	0.4500	0.0963	-0.2019	0.9164
smk_can_187	0.6316	0.3684	0.6292	0.2570	0.8973
soil_pollution	0.1767	0.3293	0.1782	-0.0296	0.8877
solar-flare	0.7482	0.0839	0.6107	0.6761	0.1973
sonar	0.5500	0.4500	0.5525	0.1000	0.9473
soybean	0.9706	0.0031	0.9766	0.9677	0.0160
spam-detection	0.9540	0.0460	0.8509	0.6949	0.3941

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
spambase	0.9326	0.0674	0.9296	0.8570	0.3115
spect	0.7600	0.2400	0.6250	0.2500	0.8014
spectf	0.7429	0.2571	0.6758	0.3505	0.8017
spectrometer	0.5849	0.0296	0.4461	0.5602	0.1413
splice-EI	0.9464	0.0536	0.9278	0.8498	0.2390
splice-IE	0.8896	0.1104	0.8383	0.6582	0.4442
sport-articles	0.8400	0.1600	0.8284	0.6568	0.5995
squash-stored	0.8000	0.1333	0.8602	0.6875	0.1858
squash-unstored	0.8000	0.2000	0.8333	0.6154	0.4644
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.9004	0.0664	0.8752	0.8379	0.2344
steel-b	0.8051	0.1949	0.6710	0.3292	0.7348
steel-d	0.9744	0.0256	0.7677	0.5324	0.5024
steel-k	0.9795	0.0205	0.9683	0.9347	0.0802
steel-o	0.8051	0.1949	0.7784	0.5462	0.6482
steel-p	0.9179	0.0821	0.6255	0.1729	0.5109
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9744	0.0256	0.9236	0.8432	0.2195
stock	0.9097	0.0903	0.8358	0.6591	0.4499
stockb	0.9824	0.0117	0.9825	0.9736	0.0593
streaming	0.9760	0.0240	0.9757	0.9514	0.1523
stress	0.9841	0.0063	0.9846	0.9802	0.0246
student-lifestyle	0.6550	0.1380	0.3727	0.4211	0.3618
student-habits	0.3800	0.2480	0.1755	0.0048	0.4377
student-weekend	0.3846	0.2462	0.1163	0.0240	0.3782
student-workday	0.6719	0.1313	0.1607	-0.0394	0.4373
studentap	0.3846	0.4103	0.3075	0.0545	0.6678
susy1%	0.7968	0.2032	0.7968	0.5848	0.6442
tae	0.4667	0.3556	0.4722	0.2000	0.6720
telco-churn	0.8920	0.1080	0.8564	0.7062	0.4685
texture	0.9800	0.0036	0.9811	0.9779	0.0284
theorem	0.9853	0.0147	0.9850	0.9698	0.1082
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9718	0.0282	0.4929	0.0000	0.0876
Thyroid_Diff	0.8947	0.1053	0.8729	0.7132	0.2661
tic-tac-toe	0.9053	0.0947	0.8941	0.7759	0.3463
tis10%	0.8358	0.1642	0.7632	0.4444	0.4419
titanic	0.8091	0.1909	0.7714	0.5247	0.6309
tourist	0.7500	0.1000	0.5250	0.6364	0.1042
tox_171	0.7059	0.1471	0.7308	0.6065	0.2966
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.7647	0.2353	0.7310	0.4426	0.7072
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6800	0.3200	0.5614	0.1228	0.8702
trec11-wc	0.8780	0.0271	0.7531	0.8487	0.0724
trec12-wc	0.9355	0.0161	0.9477	0.9221	0.0486
trec21-wc	0.8788	0.0485	0.5329	0.7027	0.1107
trec23-wc	0.8571	0.0476	0.6291	0.7872	0.1109
trec31-wc	0.9570	0.0143	0.9528	0.9426	0.0590
trec41-wc	0.8636	0.0273	0.6400	0.8324	0.1200
trec45-wc	0.8986	0.0203	0.8014	0.8809	0.0788
tuandromd	0.9863	0.0137	0.9787	0.9570	0.1606
turkish	0.8500	0.0750	0.8483	0.8000	0.1815
tvnews1%	0.8692	0.1308	0.8582	0.7156	0.5241
ur3_cobotops_grip	0.9687	0.0313	0.6513	0.1419	0.2681
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8657	0.0299	0.8764	0.8426	0.1212
urinalysis	0.9580	0.0420	0.7629	0.3863	0.1201

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7500	0.1250	0.7118	0.6635	0.2210
vehicleVAN	0.9286	0.0714	0.9021	0.7966	0.3189
voice	0.8333	0.1667	0.8182	0.5714	0.3522
vote	0.9070	0.0930	0.9145	0.8147	0.3064
vowel	0.6566	0.0624	0.6873	0.6222	0.1915
vowelZ	0.9091	0.0909	0.4762	0.0000	0.2092
wap-wc	0.7244	0.0276	0.4876	0.6885	0.1763
warpar10p	0.7692	0.0462	0.7330	0.7400	0.0725
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9187	0.0232	0.9184	0.9049	0.0994
watch-gyr1%	0.9061	0.0268	0.9031	0.8903	0.1158
water_pollution	0.2500	0.3750	0.2472	-0.0017	0.8635
waveform	0.8560	0.0960	0.8564	0.7840	0.3413
weather-related	0.9750	0.0045	0.9778	0.9716	0.0314
web-phishing	0.8444	0.1037	0.7429	0.7245	0.4467
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc	0.9900	0.0050	0.9900	0.9867	0.0257
wilt	0.9752	0.0248	0.8635	0.7261	0.4016
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6604	0.1132	0.3278	0.4463	0.4690
winequality-white	0.6401	0.1200	0.4238	0.4495	0.6748
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.5625	0.0583	0.5070	0.5333	0.1013
yeast	0.5676	0.0961	0.4014	0.4426	0.3867
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9484	0.0103	0.9444	0.9422	0.0853

Table 527: Detailed results for RF(SK)^{CV} Noise 20%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1079	0.0776	0.0903	0.0596	0.7104
abalone19	0.9689	0.0311	0.4921	-0.0112	0.3207
abalone9-18	0.8082	0.1918	0.5308	0.0466	0.4971
accelerometer	0.9687	0.0313	0.6503	0.2903	0.5599
accident	0.5500	0.4500	0.5503	0.1000	0.9662
ads	0.9573	0.0427	0.9100	0.8197	0.3473
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.8968	0.1032	0.4728	-0.0276	0.6199
AID_1431_KlekotaRothFingerprinter	0.7063	0.2937	0.4140	-0.1399	0.5771
AID_1431_MACCSFingerprinter	0.8492	0.1508	0.4592	-0.0794	0.7334
AID_1878	0.7619	0.2381	0.5726	0.1441	0.8163
AID_602330	0.9427	0.0573	0.4853	-0.0233	0.6301
AID_652128	0.8283	0.1145	0.3020	-0.0506	0.5296
AID1284Morered	0.7778	0.2222	0.6049	0.2044	0.7424
AID1284red	0.7778	0.2222	0.6049	0.2044	0.7424
AID1608Morered	0.8641	0.1359	0.5794	0.1518	0.6392
AID1608red	0.7864	0.2136	0.5488	0.0706	0.4893
AID362red	0.8808	0.1192	0.4683	-0.0254	0.2120
AID439Morered	0.7143	0.2857	0.4167	-0.1667	0.7987
AID439red	0.7143	0.2857	0.7407	0.3636	0.5000
AID456red	0.9609	0.0391	0.4900	-0.0056	0.1209
AID644Morered	0.6500	0.3500	0.5157	0.0278	0.9068
AID644red	0.5500	0.4500	0.4886	-0.0227	0.9383
AID721morered	0.8889	0.1111	0.8333	0.6087	0.2605
AID721red	0.7778	0.2222	0.8000	0.5263	0.5283
aids	0.9061	0.0939	0.8699	0.7388	0.4669
air_pollution	0.3433	0.1876	0.1736	0.0216	0.7745
alcohol	0.8381	0.0648	0.6729	0.6802	0.4030
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.9116	0.0884	0.9025	0.8013	0.3817
anneal	0.8652	0.0539	0.8184	0.7593	0.2998
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	0.9944	0.0056	0.8878	0.7474	0.5000
anuran-family	0.9819	0.0090	0.9467	0.9655	0.0597
anuran-genus	0.9722	0.0070	0.9152	0.9545	0.1238
anuran-species	0.9806	0.0039	0.9644	0.9730	0.0750
anxiety	0.0833	0.2037	0.0763	-0.0331	0.8354
apple-quality	0.8425	0.1575	0.8428	0.6850	0.5749
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7000	0.3000	0.7292	0.4231	0.7161
arrhythmia	0.7556	0.0489	0.6931	0.6233	0.3087
auction	0.8922	0.1078	0.8382	0.6350	0.5434
audiology	0.6957	0.0507	0.6075	0.6574	0.1468
audit-risk	0.9615	0.0385	0.9619	0.9210	0.2048
autism-adolescent	0.7273	0.2727	0.7857	0.4923	0.5112
autism-adult	1.0000	0.0000	1.0000	1.0000	0.0000
autism-child	1.0000	0.0000	1.0000	1.0000	0.0000
autos	0.7500	0.1000	0.7695	0.6700	0.2579
avila	0.9641	0.0060	0.8942	0.9539	0.2582
babies	0.2903	0.2028	0.1768	0.0738	0.7604
balance	0.6613	0.2258	0.5712	0.4681	0.4925
banknote	0.9854	0.0146	0.9855	0.9705	0.0960
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8940	0.1060	0.8848	0.7612	0.4098
basehock	0.9749	0.0251	0.9749	0.9497	0.1579

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
biodeg	0.8762	0.1238	0.8695	0.7388	0.5111
biomed	1.0000	0.0000	1.0000	1.0000	0.0000
bitcoin1%	0.9805	0.0056	0.3234	0.1682	0.8069
body-perf	0.7313	0.1343	0.7319	0.6418	0.4107
brain-tumor	0.5165	0.4835	0.5165	0.0331	0.9903
breast-cancer	0.6071	0.3929	0.5695	0.1348	0.8777
breast-cancer-co	0.8182	0.1818	0.8167	0.6333	0.6309
breast-cancer-ma	0.6364	0.3636	0.6553	0.2903	0.8322
breast-tissue	0.7273	0.0909	0.7179	0.6733	0.1446
bridges	0.6000	0.1333	0.4403	0.4595	0.2288
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.8750	0.1250	0.8730	0.7143	0.3145
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.3990	0.4007	0.3017	-0.0606	0.8108
car	0.8851	0.0575	0.8242	0.7792	0.4329
car-insurance	0.8200	0.1800	0.8070	0.6061	0.6363
card	0.8986	0.1014	0.8956	0.7908	0.4379
cardiotocography	0.8732	0.0254	0.8691	0.8493	0.1869
cardiotocography-nsp	0.8826	0.0782	0.8090	0.7099	0.4516
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.7108	0.6150	0.4426
cas_N6512_cdk_ECFP2	0.7250	0.2750	0.7254	0.4497	0.7842
cas_N6512_rdkit_ATOMPAIR	0.7631	0.2369	0.7633	0.5256	0.7270
cas_N6512_RDkit_AtomPair_FP	0.7500	0.2500	0.7492	0.4981	0.7504
cas_N6512_rdkit_AVALON	0.7865	0.2135	0.7864	0.5721	0.6879
cas_N6512_RDkit_Avalon_FP	0.7929	0.2071	0.7930	0.5851	0.6762
cas_N6512_rdkit_descriptors	0.7415	0.2585	0.7434	0.4842	0.7555
cas_N6512_rdkit_FEATMORGAN	0.7435	0.2565	0.7418	0.4837	0.7613
cas_N6512_RDkit_Featmorgan_FP	0.7592	0.2408	0.7602	0.5186	0.7308
cas_N6512_RDkit_FP	0.7393	0.2607	0.7386	0.4769	0.7662
cas_N6512_rdkit_LAYERED	0.7523	0.2477	0.7526	0.5041	0.7439
cas_N6512_RDkit_Layered_FP	0.7546	0.2454	0.7531	0.5063	0.7440
cas_N6512_rdkit_MACCS	0.7769	0.2231	0.7754	0.5509	0.7073
cas_N6512_RDkit_MACCS_FP	0.7843	0.2157	0.7869	0.5698	0.6820
cas_N6512_rdkit_MORGAN	0.7954	0.2046	0.7943	0.5886	0.6742
cas_N6512_RDkit_morgan_FP	0.7699	0.2301	0.7716	0.5406	0.7107
cas_N6512_rdkit_PATTERN	0.7662	0.2338	0.7678	0.5331	0.7170
cas_N6512_RDkit_pattern_FP	0.7623	0.2377	0.7638	0.5252	0.7240
cas_N6512_rdkit_RDKITFP	0.7373	0.2627	0.7393	0.4759	0.7614
cas_N6512_rdkit_TORSION	0.7453	0.2547	0.7471	0.4915	0.7500
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7047	0.2953	0.7218	0.4174	0.7393
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.8884	0.1116	0.6652	0.2724	0.5265
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.8493	0.1507	0.5714	0.1140	0.5117
central-nervous-system	0.8333	0.1667	0.8182	0.5714	0.3522
cervical-B	0.8605	0.1395	0.7353	0.3929	0.5482
cervical-C	0.7674	0.2326	0.4342	-0.0955	0.4733
cervical-H	0.8488	0.1512	0.7393	0.3305	0.4283
cervical-S	0.9186	0.0814	0.7723	0.5432	0.6013
chrom191%	0.9477	0.0523	0.6703	0.0408	0.0607
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.6116	0.1148	0.4393
churn	0.8150	0.1850	0.7283	0.4552	0.7148
churn-bigml	0.9288	0.0712	0.8729	0.7396	0.4966
ci900367j_MACCS	0.5684	0.4316	0.5590	0.1166	0.9368
circles	0.9990	0.0000	0.9990	0.9990	0.0005
cirrhosis	0.7143	0.1905	0.6250	0.4650	0.5426
cjs	0.9857	0.0048	0.9863	0.9826	0.0254

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.7787	0.1106	0.6708	0.6683	0.4827
climate	0.9259	0.0741	0.6639	0.2987	0.5805
cll_sub_111	0.5833	0.2778	0.6501	0.3750	0.4811
cm1	0.7800	0.2200	0.4382	-0.1224	0.7103
cmc	0.5782	0.2812	0.5654	0.3574	0.6705
cnae-9	0.9352	0.0144	0.9408	0.9271	0.0624
coil20	1.0000	0.0000	1.0000	1.0000	0.0000
college	0.9221	0.0779	0.9018	0.8036	0.4118
collins	0.7000	0.0400	0.6247	0.6683	0.1708
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.6552	0.3448	0.6372	0.2714	0.8634
colposcopies-2	0.5862	0.4138	0.5451	0.0890	0.9496
colposcopies-3	0.7586	0.2414	0.7488	0.4963	0.7409
colposcopies-4	0.7586	0.2414	0.6667	0.3165	0.7677
colposcopies-5	0.6897	0.3103	0.4961	-0.0077	0.8196
colposcopies-6	0.4828	0.5172	0.4742	-0.0482	0.9950
colposcopies-c	0.6897	0.3103	0.5964	0.1920	0.8470
column-2c	0.8387	0.1613	0.8210	0.6404	0.6136
column-3c	0.8065	0.1290	0.7790	0.6890	0.2725
comedy_comparisons1%	0.4934	0.5066	0.5003	0.0005	0.9652
cottonmeloidogyne	0.7692	0.2308	0.7716	0.5390	0.7064
coupon	0.7129	0.2871	0.7082	0.4164	0.8065
crabs	0.8000	0.1000	0.8062	0.7333	0.2155
crowdsourced	0.9410	0.0197	0.8619	0.8805	0.1728
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.4375	0.0352	0.3946	0.4194	0.1107
customer-churn	0.8790	0.1210	0.6906	0.2047	0.3199
cybersecurity	0.1767	0.2744	0.1769	0.0130	0.8750
cyclopentane	0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands	0.7037	0.2963	0.6971	0.3941	0.8201
darwin	0.8889	0.1111	0.8989	0.7778	0.3322
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
default	0.7997	0.2003	0.7030	0.4057	0.7428
defect	0.9630	0.0370	0.9289	0.8510	0.1820
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.7692	0.2308	0.5150	0.0284	0.8255
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.5000	0.3333	0.6073	0.2727	0.3517
dexter	0.8833	0.1167	0.8942	0.7667	0.3405
df_final	0.6250	0.2500	0.6667	0.4545	0.3267
DIA	0.7667	0.2333	0.6622	0.3171	0.7815
diabetes	0.9038	0.0962	0.8997	0.7988	0.4341
diabetes-risk	0.8997	0.1003	0.8640	0.7203	0.5217
diabetic1%	0.5000	0.3333	0.4255	0.1289	0.7471
diabetic10%	0.5138	0.3242	0.4286	0.1679	0.7626
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	1.0000	0.0000	1.0000	1.0000	0.0000
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.4000	0.6000	0.2857	-0.3636	1.0000
dlbcl-harvard-tumor	0.6250	0.3750	0.5749	0.1429	0.8433
dlbcl-nih	0.3750	0.6250	0.3798	-0.2329	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644
dorothea	0.9391	0.0609	0.8049	0.5993	0.4698
dota210%	0.5592	0.4408	0.5555	0.1104	0.9610
dropout	0.7472	0.1685	0.6797	0.5872	0.4814
drug-01	0.2660	0.2097	0.1851	0.0304	0.8595

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-02	0.4468	0.1581	0.2969	0.2589	0.7593
drug-03	0.5213	0.1596	0.2394	0.1563	0.7699
drug-04	0.4202	0.1657	0.2752	0.2050	0.8030
drug-05	0.5532	0.1277	0.1196	-0.0245	0.8679
drug-06	0.3989	0.1717	0.3094	0.2676	0.6477
drug-07	0.3457	0.2181	0.2028	0.0232	0.8935
drug-08	0.4309	0.1626	0.2649	0.1890	0.7674
drug-09	0.7819	0.0727	0.2080	0.1333	0.6181
drug-10	0.4628	0.1535	0.2481	0.1944	0.8121
drug-11	0.6809	0.0912	0.2044	0.1568	0.7964
drug-12	0.6702	0.1099	0.2906	0.0949	0.8250
drug-13	0.5426	0.1307	0.2159	0.2689	0.7986
drug-14	0.5106	0.1398	0.2861	0.2991	0.7037
drug-15	0.5479	0.1292	0.2060	0.1251	0.8415
drug-16	0.5266	0.1578	0.3545	0.3311	0.6804
drug-17	0.3138	0.1960	0.2596	0.1511	0.7630
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.5266	0.1353	0.1768	0.1035	0.6725
drybean	0.9192	0.0231	0.9330	0.9023	0.1306
ecoli	0.7941	0.0686	0.6070	0.7146	0.2233
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8485	0.1515	0.8253	0.6341	0.5914
ecoliMU	0.7273	0.2727	0.6333	0.1951	0.5391
ecoliOM	0.7576	0.2424	0.5860	0.1141	0.4639
ecommerce	0.2700	0.3650	0.2704	0.0274	0.8493
eeg-eye	0.8805	0.1195	0.8791	0.7582	0.4874
eeg10%	0.4416	0.0698	0.4663	0.3861	0.5989
eucalyptus	0.6301	0.1479	0.6046	0.5282	0.4243
euthyroid	0.9399	0.0601	0.8536	0.6991	0.5226
fakenews	0.4925	0.5075	0.4923	-0.0155	1.0000
farm-ads	0.8865	0.1135	0.8864	0.7708	0.4589
fbis-wc	0.8577	0.0167	0.8372	0.8394	0.1348
fertility	0.7000	0.3000	0.4118	-0.1538	0.6304
finance	0.7059	0.2941	0.7079	0.4129	0.8048
fishcatch	0.9375	0.0208	0.9554	0.9220	0.0612
flags	0.6000	0.1143	0.4110	0.5046	0.2500
forest	0.9231	0.0385	0.9069	0.8937	0.0884
gastrointestinal	0.8125	0.1250	0.6179	0.6643	0.1445
gender	0.5558	0.2961	0.4658	0.1667	0.7322
gene	0.9211	0.0526	0.9109	0.8741	0.2291
german	0.7300	0.2700	0.6891	0.3692	0.7892
gestures	0.9204	0.0398	0.9206	0.8938	0.1778
gina	0.9424	0.0576	0.9426	0.8848	0.2912
gisette	0.9643	0.0357	0.9644	0.9286	0.2051
glass	0.8095	0.0635	0.7796	0.7423	0.2203
glass-g2	0.7500	0.2500	0.7582	0.5000	0.7079
glassBWFP	0.9524	0.0476	0.9507	0.8966	0.1761
glassBWNFP	0.7619	0.2381	0.7698	0.5161	0.6769
glassContainers	0.9091	0.0909	0.7250	0.4500	0.6330
glassNW	1.0000	0.0000	1.0000	1.0000	0.0000
glassTableware	0.8182	0.1818	0.7215	0.2787	0.3900
glassVWFP	0.8095	0.1905	0.4474	-0.0769	0.4494
GlaucomaM	0.7895	0.2105	0.7978	0.5824	0.6422
gli_85	0.8750	0.1250	0.8730	0.7143	0.4644
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8690	0.1310	0.8679	0.7339	0.5168
green	0.5000	0.5000	0.4553	-0.0870	0.9393
grub-damage	0.4000	0.3000	0.4815	0.2373	0.4408

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
gsalc	0.7778	0.0741	0.8333	0.7353	0.1060
haberman	0.6000	0.4000	0.5962	0.1743	0.8167
hapt	0.9488	0.0085	0.8664	0.9395	0.0689
har	0.9934	0.0027	0.9927	0.9916	0.0183
har701%	0.9066	0.0267	0.5708	0.8645	0.3395
harth1%	0.8649	0.0225	0.5967	0.8174	0.3559
hayes-roth	0.5000	0.3333	0.5401	0.2426	0.6092
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7500	0.1250	0.2677	0.0534	0.5163
heart	0.8148	0.1852	0.8064	0.6110	0.6376
heart-attack	0.8387	0.1613	0.8466	0.6804	0.5410
heart-c	0.9667	0.0333	0.9674	0.9327	0.1529
heart-failure	0.9780	0.0220	0.9744	0.9485	0.1394
heart-quantum	0.8800	0.1200	0.8841	0.7581	0.4602
hepatitis	0.8667	0.1333	0.8544	0.6667	0.5000
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.7134	0.4179	0.7400
higgs0.1%	0.6927	0.3073	0.6913	0.3825	0.8311
higher	0.1429	0.2143	0.1875	0.0059	0.4272
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8769	0.1231	0.8182	0.6224	0.5935
hiva	0.9244	0.0756	0.5626	0.1201	0.5776
horse	0.7500	0.1667	0.7075	0.5645	0.4646
hr	0.7895	0.2105	0.5005	0.0011	0.7986
htru2	0.9693	0.0307	0.9131	0.8245	0.3860
hypothyroid	0.9363	0.0318	0.6443	0.7124	0.3939
hypothyroidT	0.9735	0.0265	0.9252	0.8387	0.4067
ilpd	0.7288	0.2712	0.6813	0.3613	0.8031
immuno-therapy	0.5556	0.4444	0.3571	-0.2857	0.9011
instagram	0.9760	0.0120	0.9766	0.9680	0.0477
ionosphere	0.8857	0.1143	0.8767	0.7473	0.4951
iris	0.9333	0.0444	0.9333	0.8993	0.1057
irish	0.9800	0.0200	0.9802	0.9596	0.1220
isolet	0.8947	0.0081	0.8992	0.8905	0.0855
jm1	0.7668	0.2332	0.6478	0.2941	0.7797
jvowels	0.9739	0.0058	0.9722	0.9704	0.0441
kc1	0.7204	0.2796	0.6118	0.2052	0.7267
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.6154	0.1538	0.2974	0.2262	0.4304
kc1-class-level-top5percentDF	0.6667	0.3333	0.4000	-0.1194	0.4433
kc2	0.6923	0.3077	0.6214	0.2311	0.7878
kdc-4007	0.7905	0.0599	0.7946	0.7555	0.3049
kddcup981%	0.9579	0.0421	0.7439	0.3214	0.1201
kddcup9810%	0.9361	0.0639	0.4835	-0.0206	0.6003
kepler	0.8828	0.0781	0.8405	0.8065	0.2127
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.6941	0.0340	0.6648	0.6621	0.5198
krvskp	0.9749	0.0251	0.9750	0.9498	0.1553
la1s-wc	0.8762	0.0413	0.8576	0.8441	0.2117
la2s-wc	0.8874	0.0375	0.8707	0.8585	0.1963
labor	0.8333	0.1667	0.8537	0.6667	0.4644
leaf	0.7353	0.0230	0.7274	0.7221	0.0747
led24	0.6500	0.0778	0.6865	0.6000	0.1979
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9455	0.0042	0.9460	0.9433	0.0625
leukemia	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
leukemia2	1.0000	0.0000	1.0000	1.0000	0.0000
libra	0.7500	0.0333	0.7611	0.7320	0.1067
liver	0.5882	0.4118	0.5727	0.1408	0.8953
loan	0.9836	0.0164	0.9825	0.9651	0.1160
localization10%	0.6007	0.0726	0.4384	0.5203	0.7099
lrs	0.7925	0.0593	0.5898	0.7175	0.2318
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer	0.3333	0.4444	0.3333	0.0000	0.3333
lung-cancer-harvard1	0.9000	0.0400	0.7356	0.7633	0.0872
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.7500	0.4000	0.5283
lupus	0.3333	0.6667	0.3250	-0.3500	1.0000
lymphography	0.7857	0.1429	0.8456	0.6147	0.3285
lymphoma2	0.8889	0.0370	0.7895	0.8500	0.0353
machine-failure	0.9149	0.0851	0.9134	0.8260	0.3936
madelon	0.6577	0.3423	0.6577	0.3154	0.8717
magic04	0.8611	0.1389	0.8476	0.6951	0.5559
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8434	0.6867	0.5753
marketing	0.8661	0.1339	0.7535	0.5042	0.6586
maternal	0.7228	0.1848	0.7288	0.5805	0.5072
math	0.8500	0.0750	0.8310	0.7770	0.2661
mba	0.7194	0.1871	0.4762	0.3206	0.5725
mental-disorders	0.9167	0.0417	0.9270	0.8889	0.0776
mental-health	0.2467	0.3013	0.2508	0.0590	0.8305
messidor	0.6696	0.3304	0.6741	0.3429	0.8408
meter-A	0.8750	0.1250	0.8730	0.7143	0.3145
meter-B	0.6667	0.2222	0.7528	0.5179	0.3096
meter-C	1.0000	0.0000	1.0000	1.0000	0.0000
meter-D	1.0000	0.0000	1.0000	1.0000	0.0000
mfeat-fac	0.9450	0.0110	0.9462	0.9389	0.0618
mfeat-fou	0.8050	0.0390	0.8052	0.7833	0.1533
mfeat-kar	0.9750	0.0050	0.9761	0.9722	0.0311
mfeat-mor	0.6800	0.0640	0.6829	0.6444	0.2091
mfeat-pix	0.9700	0.0060	0.9705	0.9667	0.0378
mfeat-zer	0.7600	0.0480	0.7631	0.7333	0.1718
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6176	0.1529	0.6029	0.5211	0.3506
mobile	0.9545	0.0016	0.9583	0.9537	0.0215
monks-1	0.9091	0.0909	0.9113	0.8178	0.3745
monks-2	0.7541	0.2459	0.7460	0.4845	0.7355
monks-3	0.9107	0.0893	0.9133	0.8219	0.3741
mouse-viral	0.9750	0.0250	0.9756	0.9500	0.1307
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.4867	0.0933	0.5316	0.4087	0.5908
musk	0.9212	0.0788	0.8543	0.7079	0.5115
MUT_ci300400a_cdk_ECFP2	0.7602	0.2398	0.7613	0.5179	0.7232
MUT_ci300400a_cdk_ECFP4	0.7976	0.2024	0.7974	0.5912	0.6638
MUT_ci300400a_cdk_ECFP6	0.7641	0.2359	0.7607	0.5203	0.7288
MUT_ci300400a_cdk_ESTATE	0.7230	0.2770	0.7254	0.4452	0.7751
MUT_ci300400a_cdk_EXTENDED	0.8046	0.1954	0.8045	0.6054	0.6505
MUT_ci300400a_cdk_FCFP2	0.7521	0.2479	0.7511	0.4993	0.7415
MUT_ci300400a_cdk_FCFP4	0.7722	0.2278	0.7721	0.5405	0.7074
MUT_ci300400a_cdk_FCFP6	0.7746	0.2254	0.7729	0.5435	0.7078
MUT_ci300400a_cdk_MACCS	0.7890	0.2110	0.7867	0.5716	0.6850

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_PUBCHEM	0.8120	0.1880	0.8111	0.6193	0.6391
MUT_ci300400a_cdk_STANDARD	0.7892	0.2108	0.7872	0.5724	0.6839
MUT_ci300400a_rdkit_descriptors	0.7932	0.2068	0.7944	0.5846	0.6685
myocardial	0.9000	0.0250	0.3079	0.5532	0.0830
NCI60	0.5000	0.1667	0.4286	0.4000	0.2097
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.7775	0.0234	0.3881	0.5432	1.0000
new-thyroid	1.0000	0.0000	1.0000	1.0000	0.0000
new-thyroidT	0.8571	0.1429	0.7481	0.4878	0.6629
new3s-wc	0.8718	0.0058	0.8783	0.8678	0.0978
NHANES_age_prediction	0.9956	0.0044	0.9919	0.9837	0.0848
NPHA-doctor-visits	0.2917	0.4722	0.2552	-0.1278	0.7715
nursery	0.9691	0.0154	0.9331	0.9551	0.1260
obesity	0.9194	0.0230	0.9201	0.9059	0.0999
obs	0.9352	0.0324	0.9334	0.9061	0.1630
occupancy	0.9893	0.0107	0.9853	0.9703	0.1234
Occupancy_Estimation	0.9911	0.0044	0.9716	0.9731	0.0817
oh0-wc	0.9307	0.0139	0.9377	0.9210	0.0787
oh10-wc	0.7905	0.0419	0.7931	0.7630	0.1840
oh15-wc	0.8913	0.0217	0.8998	0.8769	0.1151
oh5-wc	0.8791	0.0242	0.8909	0.8636	0.1282
ohscal-wc	0.7993	0.0401	0.7883	0.7757	0.2787
olive	0.9298	0.0156	0.9014	0.9123	0.0427
opn310k10%	0.9256	0.0744	0.7235	0.4149	0.5226
optdigits	0.9662	0.0068	0.9680	0.9624	0.0484
optdigitsZ	0.9893	0.0107	0.9686	0.9364	0.2203
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000
ovarian-cancer	0.9200	0.0800	0.9132	0.8264	0.3879
ozone1hr	0.9526	0.0474	0.5650	0.1205	0.6130
ozone8hr	0.9051	0.0949	0.6234	0.2440	0.6698
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8144	0.1856	0.8071	0.6068	0.6387
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9127	0.0873	0.9141	0.8256	0.3826
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9269	0.0293	0.7293	0.6829	0.5711
parkinson	0.9750	0.0250	0.9743	0.9484	0.1644
parkinsons	0.8483	0.1517	0.8376	0.6747	0.5751
parkinsons-small	0.9474	0.0526	0.9399	0.8725	0.3145
particle10%	0.9192	0.0808	0.9037	0.8057	0.4246
pasture	0.7500	0.1667	0.6061	0.5556	0.1741
pc1	0.8288	0.1712	0.6269	0.2169	0.5861
pcmac	0.4897	0.5103	0.4628	-0.0736	1.0000
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8553	0.1447	0.7945	0.5417	0.4619
pediatric-leukemia	0.7647	0.0672	0.7118	0.7094	0.2096
pendigits	0.9882	0.0024	0.9882	0.9868	0.0206
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.4444	0.5556	0.4208	-0.1538	0.9711
persistency	0.8134	0.1866	0.8040	0.6072	0.6510
pet-adoption	0.9100	0.0900	0.9002	0.7996	0.4323
phishing	0.9429	0.0571	0.9413	0.8814	0.3023
phone-acc0.1%	0.8438	0.0446	0.8356	0.8173	0.1553
phone-gyr0.1%	0.8622	0.0394	0.8569	0.8387	0.1644
phoneme	0.8722	0.1278	0.8496	0.6967	0.5534
pima	0.6711	0.3289	0.6503	0.2994	0.8651
placement	0.7740	0.2260	0.7702	0.5398	0.7139
plant-growth	0.5263	0.4737	0.5225	0.0447	0.9841
plrx	0.6111	0.3889	0.4834	-0.0328	0.9365

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
poker1%	0.5132	0.1391	0.2135	0.1117	0.8722
polish-1st	0.9488	0.0512	0.5434	0.0770	0.6178
polish-2nd	0.9528	0.0472	0.5737	0.1231	0.5814
polish-3rd	0.9429	0.0571	0.5462	0.0694	0.5873
polish-4th	0.9510	0.0490	0.7248	0.4416	0.5522
polish-5th	0.9526	0.0474	0.7971	0.5864	0.4754
polya	0.7816	0.2184	0.7585	0.5158	0.7150
post-operative	0.5556	0.4444	0.5000	0.0000	0.9591
pred-tox_mutagen_ref-desc	0.6618	0.3382	0.6618	0.3235	0.8668
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.3939	0.0932	0.3884	0.3360	0.2805
profb	0.5821	0.4179	0.5794	0.1511	0.8848
promoters	0.9000	0.1000	0.9083	0.8000	0.3522
prostate	0.9286	0.0714	0.9330	0.8571	0.2846
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9873	0.0051	0.9747	0.9830	0.0417
pulsar	0.9745	0.0255	0.9252	0.8503	0.3284
raisin	0.8556	0.1444	0.8563	0.7111	0.5413
rcv11%	0.7500	0.0122	0.5234	0.7268	0.3723
re0-wc	0.7733	0.0349	0.7333	0.7244	0.3358
re1-wc	0.8193	0.0145	0.6844	0.7976	0.1910
rejafada	0.9095	0.0905	0.7658	0.4048	0.4669
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.8193	0.0075	0.5829	0.7662	0.7704
rice	0.9857	0.0143	0.9856	0.9711	0.0997
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6778	0.3222	0.6759	0.3488	0.8395
satimage	0.9020	0.0327	0.8880	0.8791	0.1585
satimageF	0.9844	0.0156	0.9619	0.9228	0.2456
satimageT	0.9393	0.0607	0.8438	0.6856	0.5193
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	1.0000	0.0000	1.0000	1.0000	0.0000
schizo	0.4118	0.5882	0.4092	-0.1765	1.0000
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	1.0000	0.0000	1.0000	1.0000	0.0000
segment	0.9524	0.0136	0.9566	0.9443	0.0682
segmentation	0.8465	0.1535	0.8444	0.6803	0.5647
segmentO	0.9437	0.0563	0.9113	0.8064	0.4236
seismic	0.8488	0.1512	0.6081	0.1918	0.5955
semeion	0.9686	0.0314	0.9157	0.8310	0.3647
sens-1-gram	0.8342	0.1658	0.5538	0.0986	0.7563
sens-2-gram	0.8658	0.1342	0.6405	0.2546	0.6697
sens-3-gram	0.8737	0.1263	0.6366	0.1843	0.5406
sens-4-gram	0.8658	0.1342	0.6230	0.2031	0.6456
sens-5-gram	0.8605	0.1395	0.6115	0.1905	0.6757
sens-6-gram	0.8474	0.1526	0.5411	0.0613	0.7067
sens-7-gram	0.8526	0.1474	0.5970	0.1726	0.7097
sepsis	0.5168	0.4832	0.5730	0.0718	0.4188
shoppers	0.8881	0.1119	0.8016	0.6000	0.6053
shuttle	0.9652	0.0100	0.6246	0.9090	0.2015
sick	0.9045	0.0955	0.7819	0.5049	0.5618
sirtuin6	1.0000	0.0000	1.0000	1.0000	0.0000
skin10%	0.9853	0.0147	0.9787	0.9565	0.1664
smarket	1.0000	0.0000	1.0000	1.0000	0.0000
smart-farming	0.1800	0.4100	0.1742	-0.0951	0.8067
smk_can_187	0.6842	0.3158	0.6833	0.3667	0.8414
soil_pollution	0.1800	0.3280	0.1794	-0.0253	0.8846

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
solar-flare	0.7482	0.0839	0.6732	0.6818	0.2540
sonar	0.6500	0.3500	0.6573	0.3000	0.8418
soybean	0.9559	0.0046	0.9754	0.9519	0.0164
spam-detection	0.9485	0.0515	0.8736	0.7351	0.4988
spambase	0.9370	0.0630	0.9339	0.8675	0.3167
spect	0.7200	0.2800	0.7059	0.3636	0.6753
spectf	0.8571	0.1429	0.8309	0.6602	0.5894
spectrometer	0.6792	0.0229	0.5572	0.6612	0.1051
splice-EI	0.9527	0.0473	0.9398	0.8781	0.3173
splice-IE	0.9148	0.0852	0.8838	0.7674	0.4613
sport-articles	0.8200	0.1800	0.8069	0.6139	0.6416
squash-stored	0.4000	0.4000	0.3810	0.0625	0.5233
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	0.9892	0.0108	0.9885	0.9767	0.0905
steel_industry	0.9110	0.0594	0.8890	0.8559	0.2211
steel-b	0.7846	0.2154	0.7163	0.4236	0.7276
steel-d	0.9385	0.0615	0.6670	0.3048	0.5561
steel-k	0.9590	0.0410	0.9402	0.8787	0.3194
steel-o	0.7846	0.2154	0.7599	0.5193	0.7134
steel-p	0.8872	0.1128	0.7344	0.4417	0.6184
steel-s	0.9436	0.0564	0.7648	0.4947	0.5707
steel-z	0.9436	0.0564	0.8773	0.7352	0.4996
stock	0.9236	0.0764	0.8659	0.7297	0.4443
stockb	0.9912	0.0059	0.9912	0.9868	0.0318
streaming	0.9840	0.0160	0.9839	0.9677	0.1131
stress	0.9841	0.0063	0.9846	0.9802	0.0246
student-lifestyle	0.5600	0.1760	0.3803	0.3470	0.6949
student-habits	0.4100	0.2360	0.3233	0.1678	0.7309
student-weekend	0.2923	0.2831	0.2299	0.0783	0.7597
student-workday	0.6562	0.1375	0.2219	0.1564	0.5669
studentap	0.5385	0.3077	0.5528	0.3036	0.5758
susy1%	0.7942	0.2058	0.7924	0.5824	0.6697
tae	0.7333	0.1778	0.7301	0.6000	0.3558
telco-churn	0.8935	0.1065	0.8637	0.7274	0.5067
texture	0.9800	0.0036	0.9812	0.9779	0.0288
theorem	0.9804	0.0196	0.9800	0.9598	0.1354
thoracic	0.7660	0.2340	0.6110	0.2155	0.7488
thrombin	0.9507	0.0493	0.5996	0.1971	0.5911
Thyroid_Diff	0.9474	0.0526	0.9360	0.8721	0.3093
tic-tac-toe	0.8842	0.1158	0.8742	0.7467	0.5012
tis10%	0.8881	0.1119	0.8432	0.6823	0.5070
titanic	0.7364	0.2636	0.7103	0.4184	0.7820
tourist	0.6250	0.1500	0.3200	0.4545	0.1458
tox_171	0.7059	0.1471	0.7308	0.6065	0.2966
toxicity	0.5882	0.4118	0.4903	-0.0171	0.9466
toxicity-13f	0.8824	0.1176	0.8712	0.7424	0.5014
trains	0.5000	0.5000	0.3333	0.0000	0.5283
transfusion	0.6267	0.3733	0.5416	0.0814	0.8638
trec11-wc	0.9024	0.0217	0.7969	0.8811	0.0903
trec12-wc	0.9677	0.0081	0.9812	0.9612	0.0265
trec21-wc	0.9091	0.0364	0.7664	0.8183	0.2437
trec23-wc	0.9524	0.0159	0.9749	0.9327	0.0449
trec31-wc	0.9677	0.0108	0.9761	0.9572	0.0653
trec41-wc	0.9432	0.0114	0.8434	0.9307	0.0703
trec45-wc	0.9275	0.0145	0.8274	0.9154	0.0568
tuandromd	0.9749	0.0251	0.9631	0.9235	0.2455
turkish	0.8000	0.1000	0.7946	0.7333	0.2563
tvnews1%	0.8923	0.1077	0.8832	0.7647	0.4545

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ur3_cobotops_grip	0.9333	0.0667	0.6643	0.2980	0.5559
ur3_cobotops_stop	0.9374	0.0626	0.7338	0.4236	0.5606
urban	0.8955	0.0232	0.9030	0.8775	0.0982
urinalysis	0.8322	0.1678	0.6164	0.1813	0.5181
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7738	0.1131	0.7401	0.6954	0.2112
vehicleVAN	0.9762	0.0238	0.9701	0.9385	0.2027
voice	0.7500	0.2500	0.7044	0.4000	0.7643
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6465	0.0643	0.6643	0.6111	0.1902
vowelZ	0.9899	0.0101	0.9688	0.9357	0.0414
wap-wc	0.8333	0.0167	0.6818	0.8145	0.1318
warpar10p	0.7692	0.0462	0.7151	0.7383	0.0795
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
watch-acc1%	0.9478	0.0149	0.9471	0.9389	0.0821
watch-gyr1%	0.9304	0.0199	0.9286	0.9188	0.0955
water_pollution	0.2167	0.3917	0.2175	-0.0449	0.8823
waveform	0.8540	0.0973	0.8540	0.7810	0.3466
weather-related	0.9750	0.0045	0.9770	0.9717	0.0421
web-phishing	0.8222	0.1185	0.7696	0.7021	0.4459
Weekly	1.0000	0.0000	1.0000	1.0000	0.0000
white-clover	0.6667	0.3333	0.7500	0.4000	0.5283
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9627	0.0373	0.8572	0.6908	0.5238
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.5346	0.1551	0.2787	0.3068	0.6675
winequality-white	0.5808	0.1397	0.4092	0.4037	0.7151
wisc_bc	0.9825	0.0175	0.9817	0.9627	0.1262
yale	0.6875	0.0417	0.6532	0.6667	0.0607
yeast	0.5608	0.0976	0.3900	0.4409	0.5344
yeastCYT-POX	0.8367	0.1633	0.7247	0.2847	0.3900
yeastEXC	0.8919	0.1081	0.6196	0.1638	0.4117
yeastME1	0.9257	0.0743	0.7080	0.3250	0.4794
yeastME2	0.9189	0.0811	0.6523	0.2924	0.6080
zip	0.9452	0.0110	0.9396	0.9386	0.0896

Table 528: Detailed results for SVC^{CV} Noise 20%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1559	0.0734	0.0902	0.0588	0.4643
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9452	0.0548	0.4859	0.0000	0.1451
accident	0.5000	0.5000	0.3333	0.0000	0.5283
ads	0.9726	0.0274	0.9416	0.8761	0.0941
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9048	0.0952	0.4750	-0.0148	0.5026
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9583	0.0417	0.4894	0.0000	0.1182
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8889	0.1111	0.7333	0.3010	0.2451
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.5776	0.1176	0.7934
AID644red	0.7500	0.2500	0.6979	0.2188	0.4125
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8826	0.1174	0.8319	0.6424	0.4529
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
alcohol	0.8000	0.0800	0.3980	0.4943	0.1747
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8093	0.1907	0.7863	0.5686	0.6565
anneal	0.9888	0.0045	0.9858	0.9759	0.0146
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9819	0.0090	0.9467	0.9654	0.0459
anuran-genus	0.9875	0.0031	0.9626	0.9794	0.0257
anuran-species	0.9819	0.0036	0.9687	0.9748	0.0245
anxiety	0.1000	0.2000	0.1030	-0.0150	0.8198
apple-quality	0.8675	0.1325	0.8677	0.7350	0.5169
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.6500	0.3500	0.6436	0.2857	0.8745
arrhythmia	0.6667	0.0667	0.3418	0.4074	0.1961
auction	0.8922	0.1078	0.7196	0.4199	0.5985
audiology	0.7826	0.0362	0.6528	0.7450	0.0978
audit-risk	0.9744	0.0256	0.9732	0.9465	0.1658
autism-adolescent	0.8182	0.1818	0.8036	0.6071	0.6470
autism-adult	0.9714	0.0286	0.9640	0.9253	0.1096
autism-child	0.8621	0.1379	0.8755	0.7212	0.3632
autos	0.8000	0.0800	0.7188	0.7279	0.1395
babies	0.4839	0.1475	0.1596	0.1829	0.4227
balance	0.9194	0.0538	0.6345	0.8480	0.1272
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8963	0.1037	0.8898	0.7627	0.3416
basehock	0.8995	0.1005	0.9025	0.7991	0.4012
biodeg	0.8571	0.1429	0.8470	0.6927	0.5498
biomed	0.9524	0.0476	0.9507	0.8966	0.1761

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.6955	0.1522	0.7010	0.5940	0.4476
brain-tumor	0.5000	0.5000	0.5005	0.0010	0.9813
breast-cancer	0.6429	0.3571	0.3913	-0.1290	0.9033
breast-cancer-co	0.5455	0.4545	0.5500	0.0984	0.9584
breast-cancer-ma	0.4545	0.5455	0.4500	-0.1000	1.0000
breast-tissue	0.6364	0.1212	0.6803	0.5644	0.2044
bridges	0.5000	0.1667	0.5312	0.3902	0.3142
cad	1.0000	0.0000	1.0000	1.0000	0.0000
caesarian	0.7500	0.2500	0.7500	0.3846	0.4308
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.9655	0.0172	0.9634	0.9282	0.1593
car-insurance	0.8290	0.1710	0.8028	0.6055	0.6413
card	0.8696	0.1304	0.8657	0.7311	0.5170
cardiotocography	0.8122	0.0376	0.7284	0.7721	0.1773
cardiotocography-nsp	0.8873	0.0751	0.7840	0.6604	0.2823
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.6933	0.5900	0.4215
cas_N6512_cdk_ECFP2	0.7389	0.2611	0.7371	0.4742	0.7683
cas_N6512_rdkit_ATOMPAIR	0.7508	0.2492	0.7498	0.4995	0.7493
cas_N6512_RDkit_AtomPair_FP	0.7469	0.2531	0.7453	0.4905	0.7560
cas_N6512_rdkit_AVALON	0.7803	0.2197	0.7789	0.5579	0.7014
cas_N6512_RDkit_Avalon_FP	0.7807	0.2193	0.7791	0.5582	0.7006
cas_N6512_rdkit_descriptors	0.7477	0.2523	0.7458	0.4914	0.7547
cas_N6512_rdkit_FEATMORGAN	0.7573	0.2427	0.7551	0.5092	0.7377
cas_N6512_RDkit_Featmorgan_FP	0.7684	0.2316	0.7673	0.5346	0.7213
cas_N6512_rdkit_LAYERED	0.7785	0.2215	0.7774	0.5547	0.7044
cas_N6512_RDkit_Layered_FP	0.7408	0.2592	0.7389	0.4777	0.7653
cas_N6512_rdkit_MACCS	0.7677	0.2323	0.7656	0.5306	0.7217
cas_N6512_RDkit_MACCS_FP	0.7904	0.2096	0.7890	0.5781	0.6835
cas_N6512_rdkit_MORGAN	0.7785	0.2215	0.7768	0.5534	0.7042
cas_N6512_RDkit_morgan_FP	0.7623	0.2377	0.7633	0.5248	0.7258
cas_N6512_rdkit_PATTERN	0.7738	0.2262	0.7727	0.5453	0.7123
cas_N6512_RDkit_pattern_FP	0.7592	0.2408	0.7589	0.5173	0.7347
cas_N6512_rdkit_TORSION	0.7547	0.2453	0.7574	0.5110	0.7319
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7810	0.5616	0.6873
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9711	0.0289	0.7975	0.5579	0.3273
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9542	0.0458	0.6621	0.1930	0.3411
central-nervous-system	0.5000	0.5000	0.5000	0.0000	0.9298
cervical-B	0.9535	0.0465	0.7962	0.5764	0.4388
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9186	0.0814	0.7964	0.4992	0.5131
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
chrom191%	0.9982	0.0018	0.4996	-0.0008	0.5346
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8350	0.1650	0.7045	0.3261	0.5362
churn-bigml	0.9064	0.0936	0.7873	0.5168	0.3805
ci900367j_MACCS	0.5263	0.4737	0.5101	0.0202	0.9691
cirrhosis	0.7857	0.1429	0.5347	0.5762	0.3577
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8278	0.0861	0.5925	0.7273	0.2862
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.3333	0.4444	0.2848	-0.0435	0.5487
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5306	0.3129	0.4916	0.2540	0.7167

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cnae-9	0.9259	0.0165	0.9259	0.9167	0.0845
coil20	0.9931	0.0007	0.9933	0.9927	0.0048
college	0.9221	0.0779	0.8996	0.7911	0.3336
collins	0.6200	0.0507	0.4670	0.5780	0.1602
colon-tumor	0.6667	0.3333	0.7500	0.4000	0.5283
colposcopies-1	0.7241	0.2759	0.6947	0.3895	0.8063
colposcopies-2	0.6897	0.3103	0.6526	0.2770	0.7986
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.7931	0.2069	0.7339	0.3256	0.3750
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5862	0.4138	0.5852	0.1635	0.9220
colposcopies-c	0.8621	0.1379	0.8054	0.5323	0.2987
column-2c	0.7742	0.2258	0.7354	0.4694	0.7392
column-3c	0.7742	0.1505	0.7081	0.6297	0.3127
cottonmeloidogyne	0.7885	0.2115	0.7885	0.5770	0.6853
coupon	0.7137	0.2863	0.7047	0.4053	0.8002
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
crowdsourced	0.9585	0.0138	0.8789	0.9142	0.0917
cryotherapy	0.7778	0.2222	0.8163	0.5714	0.4644
cultivars	0.5312	0.0293	0.4587	0.5161	0.0945
cybersecurity	0.1767	0.2744	0.0502	0.0000	0.4049
cyclopentane	0.5926	0.4074	0.5791	0.1538	0.9302
cylinder-bands	0.7037	0.2963	0.6920	0.3730	0.8001
darwin	0.8333	0.1667	0.8537	0.6667	0.4011
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dbworld	1.0000	0.0000	1.0000	1.0000	0.0000
defect	0.8673	0.1327	0.7069	0.3641	0.5702
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9459	0.0180	0.9429	0.9325	0.0590
desharnais	0.6250	0.2500	0.4333	0.2941	0.4266
dexter	0.5167	0.4833	0.5167	0.0333	0.9901
df_final	0.7500	0.1667	0.7551	0.6049	0.2615
DIA	0.7833	0.2167	0.6918	0.1875	0.3769
diabetes	0.8846	0.1154	0.8781	0.7562	0.4872
diabetic1%	0.4902	0.3399	0.3189	0.0349	0.7423
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9667	0.0167	0.9629	0.9538	0.0561
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.5833	0.4167	0.3684	0.0000	0.5068
dlbcl-stanford	0.6000	0.4000	0.7059	0.2857	0.5283
dota210%	0.5602	0.4398	0.5563	0.1117	0.9598
dropout	0.7675	0.1550	0.6748	0.6044	0.4421
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5213	0.1368	0.1921	0.1203	0.4655
drug-03	0.6915	0.1028	0.1363	0.0000	0.2084
drug-04	0.5266	0.1353	0.0986	-0.0058	0.3606
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4255	0.1641	0.1664	0.2510	0.3567
drug-07	0.4309	0.1897	0.1004	0.0000	0.2655
drug-08	0.5638	0.1246	0.1698	0.1061	0.3595
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1489	0.0952	0.3627
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6223	0.1079	0.1758	0.2393	0.3259

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
drug-14	0.5904	0.1170	0.2263	0.2293	0.4154
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5745	0.1418	0.2094	0.2400	0.3550
drug-17	0.3564	0.1839	0.1284	0.0924	0.4381
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9317	0.0195	0.9430	0.9173	0.1115
ecoli	0.8235	0.0588	0.6675	0.7491	0.1668
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8182	0.1818	0.7753	0.5438	0.6732
ecoliMU	0.8788	0.1212	0.6333	0.2667	0.6919
ecoliOM	0.9394	0.0606	0.7339	0.4677	0.5960
ecommerce	0.2700	0.3650	0.2144	0.0327	0.6322
eeg-eye	0.8698	0.1302	0.8683	0.7355	0.5095
eeg10%	0.4179	0.0728	0.3995	0.3523	0.5698
eucalyptus	0.6301	0.1479	0.5871	0.5247	0.3800
euthyroid	0.9335	0.0665	0.7801	0.5030	0.3598
fakenews	0.5325	0.4675	0.5324	0.0649	0.9803
fbis-wc	0.7846	0.0253	0.6941	0.7522	0.1700
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.9412	0.0588	0.9431	0.8798	0.2185
fishcatch	0.9375	0.0208	0.9436	0.9196	0.0414
flags	0.7000	0.0857	0.4205	0.6154	0.2034
forest	0.9038	0.0481	0.8815	0.8661	0.1084
gastrointestinal	0.8125	0.1250	0.8252	0.6735	0.2281
gender	0.5874	0.2751	0.3727	0.1272	0.5720
gene	0.9117	0.0589	0.9028	0.8579	0.2508
german	0.7200	0.2800	0.6799	0.2689	0.6300
gestures	0.8519	0.0741	0.8577	0.8025	0.2596
gina	0.9308	0.0692	0.9312	0.8615	0.3284
gisette	0.9700	0.0300	0.9700	0.9400	0.1804
glass	0.7143	0.0952	0.6952	0.5922	0.2276
glass-g2	0.5000	0.5000	0.5333	0.0588	0.9056
glassBWFP	0.8095	0.1905	0.8108	0.5532	0.3876
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9091	0.0909	0.4762	0.0000	0.2092
glassNW	0.9048	0.0952	0.8688	0.7375	0.4884
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9048	0.0952	0.4750	-0.0500	0.6330
GlaucomaM	0.6842	0.3158	0.6833	0.3667	0.8414
gli_85	0.6250	0.3750	0.5749	0.1429	0.8433
glioma	0.6000	0.2667	0.5333	0.4444	0.1500
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.6098	0.2105	0.8520
grub-damage	0.2667	0.3667	0.2000	-0.0185	0.5097
gsalc	0.7778	0.0741	0.8602	0.7353	0.1171
haberman	0.7333	0.2667	0.6058	0.1892	0.8058
har	0.9781	0.0088	0.9763	0.9723	0.0493
hayes-roth	0.4375	0.3750	0.5037	0.1325	0.5361
hcc-survival	0.6471	0.3529	0.6357	0.2714	0.8868
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8889	0.1111	0.8914	0.7596	0.3038
heart-attack	0.8387	0.1613	0.8369	0.6723	0.5819
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9580	0.0420	0.9509	0.9013	0.2381
heart-quantum	0.8800	0.1200	0.8783	0.7541	0.4906
hepatitis	0.6000	0.4000	0.5000	0.0000	0.8145
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.6636	0.3364	0.6612	0.3176	0.8565
higher	0.1429	0.2143	0.0455	-0.0370	0.3983
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8938	0.1062	0.7903	0.5518	0.4827
hiva	0.9598	0.0402	0.4897	-0.0084	0.4680
horse	0.5000	0.3333	0.2222	-0.0452	0.4980
hr	0.8596	0.1404	0.4623	-0.0069	0.4101
htru2	0.9771	0.0229	0.9277	0.8487	0.1570
hypothyroid	0.9523	0.0239	0.6014	0.6491	0.1115
hypothyroidT	0.9337	0.0663	0.7163	0.2280	0.1682
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.6667	0.3333	0.4000	-0.1739	0.9159
instagram	0.9507	0.0247	0.9516	0.9342	0.0986
ionosphere	0.9429	0.0571	0.9337	0.8674	0.3191
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9448	0.0042	0.9457	0.9426	0.0521
jm1	0.8108	0.1892	0.6357	0.0431	0.3763
jvowels	0.9859	0.0031	0.9855	0.9841	0.0237
kc1	0.8483	0.1517	0.6615	0.0501	0.2969
kc1-class-level-defectiveornot	0.9333	0.0667	0.9364	0.8649	0.2846
kc1-class-level-numericdefect	0.6923	0.1231	0.1636	0.0000	0.2391
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.7692	0.2308	0.6059	0.2020	0.8009
kepler	0.8839	0.0774	0.8457	0.8092	0.2176
kidney-disease	0.9500	0.0500	0.9467	0.8933	0.2764
krkopt	0.7358	0.0294	0.6733	0.7064	0.4585
krvskp	0.9467	0.0533	0.9469	0.8933	0.2767
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.6765	0.0281	0.6885	0.6618	0.0886
led24	0.6500	0.0778	0.6202	0.6011	0.1579
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9460	0.0042	0.9460	0.9438	0.0583
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.8056	0.0259	0.8023	0.7917	0.0827
liver	0.6765	0.3235	0.6393	0.2780	0.8579
loan	0.9274	0.0726	0.9226	0.8453	0.3584
localization10%	0.6669	0.0606	0.3966	0.5689	0.3890
lrs	0.8679	0.0377	0.6260	0.8174	0.1035
lung	0.9524	0.0190	0.9413	0.9045	0.0425
lung_discrete	0.8750	0.0500	0.7652	0.8367	0.0580
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	0.8333	0.1667	0.7396	0.4706	0.6839
lung-cancer-michigan	0.8889	0.1111	0.4706	0.0000	0.2404
lung-cancer-ontario	0.6667	0.3333	0.4000	0.0000	0.4644
lupus	0.5556	0.4444	0.5303	0.0526	0.9308
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	1.0000	0.0000	1.0000	1.0000	0.0000
machine-failure	0.9043	0.0957	0.9033	0.8050	0.4227
madelon	0.5269	0.4731	0.5276	0.0538	0.9741
magic04	0.8501	0.1499	0.8322	0.6603	0.5630
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8646	0.1354	0.8721	0.7313	0.4713

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
marketing	0.8661	0.1339	0.6818	0.3332	0.6348
maternal	0.7129	0.1914	0.7257	0.5695	0.5033
math	0.7500	0.1250	0.4164	0.5825	0.2364
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8654	0.7778	0.1572
mental-health	0.2300	0.3080	0.2313	0.0347	0.8220
messidor	0.6783	0.3217	0.6792	0.3558	0.8394
meter-A	0.8750	0.1250	0.8873	0.7500	0.4011
meter-B	0.7778	0.1481	0.8056	0.6538	0.3134
meter-C	0.9444	0.0278	0.9330	0.9241	0.0699
meter-D	0.8889	0.0556	0.8730	0.8442	0.1259
mfeat-fac	0.9750	0.0050	0.9753	0.9722	0.0316
mfeat-fou	0.8450	0.0310	0.8448	0.8278	0.1356
mfeat-kar	0.9800	0.0040	0.9806	0.9778	0.0251
mfeat-mor	0.7450	0.0510	0.7267	0.7167	0.1659
mfeat-pix	0.9800	0.0040	0.9807	0.9778	0.0248
mfeat-zer	0.8650	0.0270	0.8454	0.8500	0.0675
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	1.0000	0.0000	1.0000	1.0000	0.0000
mines	0.6176	0.1529	0.6071	0.5216	0.3955
mobile	0.8182	0.0065	0.8327	0.8149	0.0833
monks-1	0.8727	0.1273	0.8849	0.7442	0.3522
monks-2	0.7705	0.2295	0.7342	0.4547	0.7132
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5156	0.0881	0.5436	0.4081	0.4871
musk	0.9455	0.0545	0.8898	0.7606	0.2251
MUT_ci300400a_cdk_ECFP2	0.7818	0.2182	0.7755	0.5509	0.7037
MUT_ci300400a_cdk_ECFP4	0.7856	0.2144	0.7802	0.5603	0.6965
MUT_ci300400a_cdk_ECFP6	0.7569	0.2431	0.7477	0.4940	0.7426
MUT_ci300400a_cdk_ESTATE	0.7410	0.2590	0.7303	0.4577	0.7650
MUT_ci300400a_cdk_FCFP2	0.8228	0.1772	0.8167	0.6330	0.6243
MUT_ci300400a_cdk_FCFP4	0.7878	0.2122	0.7808	0.5613	0.6926
MUT_ci300400a_cdk_FCFP6	0.7782	0.2218	0.7709	0.5414	0.7096
MUT_ci300400a_cdk_MACCS	0.7902	0.2098	0.7824	0.5630	0.6845
MUT_ci300400a_rdkit_descriptors	0.8020	0.1980	0.7981	0.5961	0.6655
myocardial	0.8765	0.0309	0.2932	0.3396	0.1037
NCI60	0.6667	0.1111	0.6061	0.6000	0.1254
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9524	0.0476	0.9211	0.8293	0.4011
NHANES_age_prediction	0.9692	0.0308	0.9405	0.8776	0.1837
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9931	0.0035	0.9767	0.9898	0.0284
obesity	0.8863	0.0325	0.8836	0.8671	0.1318
obs	0.9907	0.0046	0.9934	0.9862	0.0189
occupancy	0.9903	0.0097	0.9865	0.9729	0.1123
Occupancy_Estimation	0.9901	0.0049	0.9679	0.9698	0.0370
oh0-wc	0.6931	0.0614	0.6446	0.6468	0.2570
oh10-wc	0.6571	0.0686	0.6224	0.6078	0.3063
oh15-wc	0.5870	0.0826	0.5180	0.5287	0.3746
oh5-wc	0.7033	0.0593	0.7237	0.6640	0.2930
olive	0.9123	0.0195	0.8950	0.8897	0.0437
optdigits	0.9840	0.0032	0.9846	0.9822	0.0252
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	1.0000	0.0000	1.0000	1.0000	0.0000
orlraws10P	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9249	0.0751	0.6046	0.0821	0.3855
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8041	0.1959	0.7765	0.5505	0.6754
P-Glycoprotein_c_RDkit_AtomPair_FP	0.8968	0.1032	0.8972	0.7934	0.4389
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9671	0.0132	0.8235	0.7966	0.1595
parkinson	0.9500	0.0500	0.9482	0.8959	0.2600
parkinsons	0.8246	0.1754	0.8110	0.6192	0.6201
parkinsons-small	0.8421	0.1579	0.7920	0.4956	0.3261
particle10%	0.8985	0.1015	0.8710	0.7390	0.4584
pasture	0.5000	0.3333	0.2222	0.0000	0.3770
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5876	0.4124	0.5397	0.0378	0.7543
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.8289	0.1711	0.7627	0.4091	0.3366
pediatric-leukemia	0.6765	0.0924	0.6247	0.6096	0.2713
pendigits	0.9918	0.0016	0.9918	0.9909	0.0154
period	0.8889	0.1111	0.8784	0.7273	0.2846
period-10f	0.6667	0.3333	0.5950	0.1818	0.8798
persistency	0.7872	0.2128	0.7679	0.5191	0.6589
pet-adoption	0.8800	0.1200	0.8616	0.7200	0.4933
phishing	0.9265	0.0735	0.9237	0.8470	0.3616
phoneme	0.8574	0.1426	0.8210	0.6411	0.5865
pima	0.7237	0.2763	0.7042	0.3746	0.7278
placement	0.7940	0.2060	0.7866	0.5698	0.6719
plant-growth	0.4737	0.5263	0.3214	0.0000	0.5305
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5571	0.1266	0.1621	0.1516	0.3007
polish-1st	0.9602	0.0398	0.4898	-0.0028	0.2829
polish-3rd	0.9505	0.0495	0.4873	-0.0037	0.3116
polish-5th	0.9306	0.0694	0.4820	0.0000	0.1724
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6574	0.2941	0.8295
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.6061	0.0606	0.4003	0.5536	0.1789
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.7000	0.3000	0.7143	0.2857	0.4644
prostate	0.7857	0.2143	0.7798	0.5532	0.6777
prostate_GE	0.9091	0.0909	0.9141	0.8136	0.2846
puc-rio10%	0.9698	0.0121	0.9553	0.9595	0.0823
pulsar	0.9777	0.0223	0.9303	0.8521	0.1126
raisin	0.8889	0.1111	0.8924	0.7778	0.4271
re0-wc	0.7400	0.0400	0.6595	0.6482	0.3474
re1-wc	0.6566	0.0275	0.4189	0.5980	0.2386
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9789	0.0211	0.9791	0.9573	0.1091
rice	0.9857	0.0143	0.9856	0.9711	0.0943
rocket	0.6096	0.3904	0.5860	0.1701	0.9256
satimage	0.9082	0.0306	0.8929	0.8864	0.1369
satimageF	0.9876	0.0124	0.9679	0.9359	0.1750
satimageT	0.9456	0.0544	0.8323	0.6389	0.3438
scadi	0.7143	0.1143	0.6600	0.6316	0.1509
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.5000	0.0000	0.9949
sclerosis	0.9630	0.0370	0.9635	0.9244	0.1598
secom	0.9359	0.0641	0.4834	0.0000	0.1628
seeds	0.9524	0.0317	0.9553	0.9286	0.0868

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
segment	0.9307	0.0198	0.9380	0.9190	0.0809
segmentation	0.8317	0.1683	0.8132	0.6238	0.6116
segmentO	0.9957	0.0043	0.9913	0.9825	0.0218
seismic	0.9225	0.0775	0.5789	0.1334	0.6250
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
shoppers	0.8783	0.1217	0.7239	0.3920	0.5257
sick	0.9416	0.0584	0.7126	0.3935	0.5131
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin10%	0.9988	0.0012	0.9981	0.9963	0.0247
smarket	0.9360	0.0640	0.9361	0.8718	0.3138
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.5789	0.4211	0.5748	0.1461	0.9386
soil_pollution	0.2067	0.3173	0.0685	0.0000	0.4010
solar-flare	0.7482	0.0839	0.5940	0.6754	0.1901
sonar	0.5500	0.4500	0.5503	0.1000	0.9662
soybean	0.9559	0.0046	0.9608	0.9517	0.0303
spam-detection	0.9505	0.0495	0.8395	0.6725	0.4228
spambase	0.8935	0.1065	0.8880	0.7736	0.4418
spect	0.8000	0.2000	0.6640	0.3243	0.7582
spectf	0.8000	0.2000	0.7807	0.5505	0.6724
spectrometer	0.5472	0.0323	0.3983	0.5196	0.1389
splice-EI	0.9306	0.0694	0.9073	0.8146	0.3859
splice-IE	0.9054	0.0946	0.8628	0.7144	0.4124
sport-articles	0.8500	0.1500	0.8371	0.6728	0.5692
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8622	0.0919	0.8308	0.7759	0.3042
steel-b	0.7949	0.2051	0.6801	0.3594	0.7580
steel-d	0.9744	0.0256	0.7333	0.2794	0.0817
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7590	0.2410	0.7217	0.4241	0.7207
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stock	0.8681	0.1319	0.7441	0.4247	0.4906
stockb	0.9912	0.0059	0.9913	0.9868	0.0318
streaming	0.8900	0.1100	0.8887	0.7773	0.4619
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6200	0.1520	0.3429	0.3728	0.4172
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4000	0.2400	0.1655	0.0815	0.4050
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.4615	0.3590	0.4825	0.1727	0.6040
susy1%	0.7942	0.2058	0.7965	0.5777	0.6286
tae	0.4667	0.3556	0.4722	0.2000	0.6720
telco-churn	0.8935	0.1065	0.8584	0.7106	0.4655
texture	0.9945	0.0010	0.9947	0.9940	0.0086
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.7537	0.2463	0.6180	0.2168	0.7929
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.6250	0.1500	0.2894	0.4146	0.1775

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
tox_171	0.7059	0.1471	0.7318	0.6047	0.3212
toxicity	0.5882	0.4118	0.3704	-0.1121	0.8833
toxicity-13f	0.7059	0.2941	0.6898	0.2056	0.4505
trains	0.0000	1.0000	0.0000	-1.0000	1.0000
transfusion	0.6800	0.3200	0.5614	0.1228	0.8702
trec11-wc	0.8537	0.0325	0.8044	0.8189	0.1263
trec12-wc	0.6452	0.0887	0.6916	0.5764	0.2553
trec21-wc	0.7879	0.0848	0.4597	0.4603	0.2934
trec23-wc	0.6190	0.1270	0.6193	0.4862	0.3498
trec31-wc	0.9032	0.0323	0.8887	0.8721	0.1923
trec41-wc	0.7727	0.0455	0.6269	0.7181	0.2464
trec45-wc	0.6667	0.0667	0.5451	0.6095	0.2911
tuandromd	0.9818	0.0182	0.9720	0.9432	0.1985
turkish	0.8250	0.0875	0.8250	0.7667	0.2273
tvnews1%	0.8769	0.1231	0.8663	0.7287	0.4872
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.8060	0.0431	0.8223	0.7713	0.1491
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7857	0.1071	0.7678	0.7137	0.1543
vehicleVAN	0.9762	0.0238	0.9683	0.9365	0.1838
voice	0.6667	0.3333	0.6250	0.2500	0.8750
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6162	0.0698	0.6349	0.5778	0.2009
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.6859	0.0314	0.4811	0.6493	0.2459
warpar10p	0.8462	0.0308	0.8330	0.8267	0.0538
warppie10p	1.0000	0.0000	1.0000	1.0000	0.0000
water_pollution	0.2600	0.3700	0.1032	0.0000	0.4027
waveform	0.8500	0.1000	0.8504	0.7750	0.3489
weather-related	0.9654	0.0063	0.9655	0.9607	0.0449
web-phishing	0.8370	0.1086	0.6748	0.6972	0.3689
Weekly	0.9537	0.0463	0.9536	0.9057	0.2310
white-clover	0.6667	0.3333	0.6250	0.2500	0.8750
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9752	0.0248	0.8524	0.6552	0.0810
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6164	0.1279	0.2959	0.3687	0.3613
winequality-white	0.5971	0.1343	0.3321	0.3560	0.4807
wisc_bc	0.9825	0.0175	0.9813	0.9619	0.0848
yale	0.4375	0.0750	0.3733	0.4000	0.1463
yeast	0.5338	0.1036	0.3973	0.4006	0.4071
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9662	0.0338	0.6366	0.2688	0.5848
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9505	0.0099	0.9466	0.9446	0.0791

Table 529: Detailed results for SVM^{CV} Noise 20%

Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
abalone	0.1487	0.0740	0.0808	0.0528	0.4842
abalone19	0.9928	0.0072	0.4982	0.0000	0.0292
abalone9-18	0.9315	0.0685	0.4823	-0.0224	0.6102
accelerometer	0.9822	0.0178	0.4955	0.0000	0.0611
accident	0.4500	0.5500	0.3103	-0.1000	0.8442
ads	0.9695	0.0305	0.9345	0.8637	0.1703
advanced-iot	1.0000	0.0000	1.0000	1.0000	0.0000
AID_1431	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_KlekotaRothFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1431_MACCSFingerprinter	0.9127	0.0873	0.4772	0.0000	0.2033
AID_1878	0.8190	0.1810	0.4503	0.0000	0.3312
AID_602330	0.9531	0.0469	0.4880	-0.0093	0.4706
AID_652128	0.8788	0.0808	0.3118	0.0000	0.1499
AID1284Morered	0.8611	0.1389	0.4627	0.0000	0.2794
AID1284red	0.8611	0.1389	0.4627	0.0000	0.2794
AID1608Morered	0.9320	0.0680	0.4824	0.0000	0.1699
AID1608red	0.9417	0.0583	0.4850	0.0000	0.1518
AID362red	0.9860	0.0140	0.4965	0.0000	0.0504
AID439Morered	0.8571	0.1429	0.4615	0.0000	0.2846
AID439red	0.8571	0.1429	0.4615	0.0000	0.2846
AID456red	0.9970	0.0030	0.4992	0.0000	0.0141
AID644Morered	0.7000	0.3000	0.4118	0.0000	0.4416
AID644red	0.7000	0.3000	0.4118	0.0000	0.4416
AID721morered	0.7778	0.2222	0.4375	0.0000	0.3750
AID721red	0.7778	0.2222	0.4375	0.0000	0.3750
aids	0.8592	0.1408	0.7947	0.5612	0.5182
air_pollution	0.4067	0.1695	0.0826	0.0000	0.3390
air-booking	0.8506	0.1494	0.4596	0.0000	0.2931
alcohol	0.8476	0.0610	0.5452	0.6403	0.1854
all-aml	1.0000	0.0000	1.0000	1.0000	0.0000
alzheimers	0.8047	0.1953	0.7813	0.5595	0.6681
anneal	0.9775	0.0090	0.7856	0.9523	0.0776
antivirus	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-f-b	1.0000	0.0000	1.0000	1.0000	0.0000
anuran-family	0.9833	0.0083	0.9476	0.9681	0.0435
anuran-genus	0.9833	0.0042	0.9606	0.9725	0.0299
anuran-species	0.9750	0.0050	0.9502	0.9650	0.0329
anxiety	0.1500	0.1889	0.1584	0.0369	0.5560
apple-quality	0.8550	0.1450	0.8554	0.7100	0.5454
arabidopsis0.1%	0.9912	0.0088	0.4978	0.0000	0.0346
arcene	0.7500	0.2500	0.7996	0.5283	0.4929
arrhythmia	0.7111	0.0578	0.4628	0.4648	0.1791
auction	0.8971	0.1029	0.7216	0.3273	0.3784
audiology	0.6087	0.0652	0.3912	0.5441	0.1616
audit-risk	0.9872	0.0128	0.9869	0.9734	0.0949
autism-adolescent	0.5455	0.4545	0.5345	0.0678	0.9438
autism-adult	0.9714	0.0286	0.9640	0.9253	0.1096
autism-child	0.8276	0.1724	0.8474	0.6506	0.4011
autos	0.7000	0.1200	0.6126	0.5819	0.1701
avila	0.7782	0.0370	0.7602	0.6992	0.2427
babies	0.4355	0.1613	0.1402	0.0970	0.3740
balance	0.9032	0.0645	0.6228	0.8178	0.1771
banknote	1.0000	0.0000	1.0000	1.0000	0.0000
bankruptcy	1.0000	0.0000	1.0000	1.0000	0.0000
barleyblumeria	0.8871	0.1129	0.8791	0.7416	0.3835

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
basehock	0.8241	0.1759	0.8243	0.6483	0.6159
biodeg	0.8762	0.1238	0.8675	0.7337	0.5001
biomed	0.9524	0.0476	0.9507	0.8966	0.1761
bitcoin1%	0.9859	0.0040	0.1418	0.0000	0.0185
body-perf	0.6843	0.1578	0.6844	0.5791	0.4625
brain-tumor	0.4975	0.5025	0.4976	-0.0049	1.0000
breast-cancer	0.7143	0.2857	0.4167	0.0000	0.4308
breast-cancer-co	0.5455	0.4545	0.5345	0.0678	0.9704
breast-cancer-ma	0.4545	0.5455	0.4500	-0.1000	1.0000
breast-tissue	0.4545	0.1818	0.4194	0.3465	0.2982
bridges	0.8000	0.0667	0.6420	0.6774	0.1169
cad	0.9667	0.0333	0.9629	0.9231	0.2236
caesarian	0.6250	0.3750	0.3846	0.0000	0.4882
cancer	1.0000	0.0000	1.0000	1.0000	0.0000
cancer-uae	0.4930	0.3380	0.2201	0.0000	0.3464
car	0.8966	0.0517	0.6630	0.7810	0.1682
car-insurance	0.8030	0.1970	0.7768	0.5524	0.6878
card	0.8406	0.1594	0.8439	0.6804	0.5638
cardiotocography	0.7981	0.0404	0.7087	0.7557	0.2090
cardiotocography-nsp	0.8779	0.0814	0.7583	0.6179	0.2829
cardiovascular	0.7152	0.2848	0.7162	0.4303	0.7955
cargo2k	1.0000	0.0000	1.0000	1.0000	0.0000
cars	0.7750	0.1500	0.6552	0.5561	0.3941
cas_N6512_cdk_ECFP2	0.7389	0.2611	0.7370	0.4740	0.7683
cas_N6512_rdkit_ATOMPAIR	0.7169	0.2831	0.7147	0.4291	0.7996
cas_N6512_RDkit_AtomPair_FP	0.7025	0.2975	0.6995	0.3980	0.8174
cas_N6512_rdkit_AVALON	0.7773	0.2227	0.7763	0.5525	0.7062
cas_N6512_RDkit_Avalon_FP	0.7684	0.2316	0.7676	0.5351	0.7208
cas_N6512_rdkit_descriptors	0.7446	0.2554	0.7426	0.4850	0.7593
cas_N6512_rdkit_FEATMORGAN	0.7496	0.2504	0.7473	0.4923	0.7466
cas_N6512_RDkit_Featmorgan_FP	0.7684	0.2316	0.7668	0.5335	0.7216
cas_N6512_RDkit_FP	0.7086	0.2914	0.7061	0.4118	0.8106
cas_N6512_rdkit_LAYERED	0.7477	0.2523	0.7466	0.4931	0.7543
cas_N6512_RDkit_Layered_FP	0.7270	0.2730	0.7244	0.4474	0.7828
cas_N6512_rdkit_MACCS	0.7831	0.2169	0.7812	0.5606	0.6919
cas_N6512_RDkit_MACCS_FP	0.7889	0.2111	0.7879	0.5757	0.6858
cas_N6512_rdkit_MORGAN	0.7508	0.2492	0.7488	0.4940	0.7416
cas_N6512_RDkit_morgan_FP	0.7500	0.2500	0.7485	0.4969	0.7513
cas_N6512_rdkit_PATTERN	0.7569	0.2431	0.7549	0.5093	0.7394
cas_N6512_RDkit_pattern_FP	0.7531	0.2469	0.7514	0.5029	0.7465
cas_N6512_rdkit_RDKITFP	0.7051	0.2949	0.7033	0.4065	0.8156
cas_N6512_rdkit_TORSION	0.7453	0.2547	0.7460	0.4905	0.7534
ccds1%	0.9615	0.0385	0.4902	0.0000	0.1112
CDS10_P-Glycopro_Inhib_Rdkit-ecfp4-fp	0.7979	0.2021	0.7810	0.5616	0.6873
CDS31_tox21_NR-AR_Rdkit-maccs-fp	0.9738	0.0262	0.8194	0.5840	0.1987
CDS42_tox21_SR-p53_Rdkit-maccs-fp	0.9513	0.0487	0.6022	0.0519	0.2767
central-nervous-system	0.6667	0.3333	0.4000	0.0000	0.4644
cervical-B	0.9419	0.0581	0.7287	0.2712	0.1529
cervical-C	0.9419	0.0581	0.4850	0.0000	0.1515
cervical-H	0.9186	0.0814	0.7964	0.4992	0.5131
cervical-S	0.9651	0.0349	0.8890	0.7514	0.1081
chrom191%	0.9988	0.0012	0.4997	0.0000	0.0063
chrom211%	0.9992	0.0008	0.4998	0.0000	0.0045
chronic-kidney	0.9217	0.0783	0.4796	0.0000	0.1882
churn	0.8370	0.1630	0.7107	0.3793	0.6132
churn-bigml	0.8764	0.1236	0.7032	0.3622	0.5764
ci900367j_MACCS	0.6316	0.3684	0.5984	0.1955	0.9095
circles	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
cirrhosis	0.7857	0.1429	0.5347	0.5762	0.3577
cjs	1.0000	0.0000	1.0000	1.0000	0.0000
ckd	1.0000	0.0000	1.0000	1.0000	0.0000
clave	0.8287	0.0856	0.5919	0.7266	0.2751
climate	0.9259	0.0741	0.4808	0.0000	0.1808
cll_sub_111	0.3333	0.4444	0.1667	0.0000	0.3838
cm1	0.9000	0.1000	0.4737	0.0000	0.2236
cmc	0.5442	0.3039	0.5017	0.2704	0.7035
cnae-9	0.9074	0.0206	0.9095	0.8958	0.0997
coil20	0.9861	0.0014	0.9870	0.9854	0.0096
college	0.9221	0.0779	0.8996	0.7911	0.3336
collins	0.6600	0.0453	0.5214	0.6205	0.1465
colon-tumor	0.6667	0.3333	0.6250	0.2500	0.8750
colposcopies-1	0.5862	0.4138	0.3696	-0.1299	0.9094
colposcopies-2	0.6207	0.3793	0.3830	0.0000	0.4904
colposcopies-3	0.5862	0.4138	0.3696	0.0000	0.5057
colposcopies-4	0.7241	0.2759	0.4200	0.0000	0.4230
colposcopies-5	0.8276	0.1724	0.4528	0.0000	0.3213
colposcopies-6	0.5172	0.4828	0.5074	0.0098	0.8733
colposcopies-c	0.7586	0.2414	0.4314	0.0000	0.3932
column-2c	0.9355	0.0645	0.9342	0.8597	0.3145
column-3c	0.7742	0.1505	0.7007	0.6353	0.2946
comedy_comparisons1%	0.5198	0.4802	0.5118	0.0179	0.9058
comedy_comparisons10%	0.5512	0.4488	0.5491	0.0877	0.9259
cottonmeloidogyne	0.7812	0.2188	0.7819	0.5627	0.6951
coupon	0.7137	0.2863	0.7045	0.4034	0.7970
crabs	1.0000	0.0000	1.0000	1.0000	0.0000
crowdsourced	0.9585	0.0138	0.8794	0.9141	0.0916
cryotherapy	0.6667	0.3333	0.7404	0.3721	0.5112
cultivars	0.2500	0.0469	0.1730	0.2258	0.1680
customer-churn	0.9794	0.0206	0.4948	0.0000	0.0685
cybersecurity	0.1767	0.2744	0.1399	0.0005	0.5673
cyclopentane	0.7037	0.2963	0.7105	0.3684	0.6911
cylinder-bands	0.6667	0.3333	0.6558	0.3106	0.8656
darwin	0.6667	0.3333	0.6866	0.3333	0.7578
datatrieve	0.6154	0.3846	0.3810	-0.1404	0.4667
dbworld	0.8571	0.1429	0.8750	0.7200	0.4011
default	0.8200	0.1800	0.7002	0.3605	0.6441
defect	0.8673	0.1327	0.7054	0.3510	0.5510
dementia	1.0000	0.0000	1.0000	1.0000	0.0000
depressed	0.8322	0.1678	0.4542	0.0000	0.3159
dermatology	0.9730	0.0090	0.9729	0.9662	0.0254
desharnais	0.6250	0.2500	0.4099	0.2000	0.4997
dexter	0.5500	0.4500	0.5525	0.1000	0.9473
df_final	0.7500	0.1667	0.7551	0.6049	0.2615
DIA	0.7500	0.2500	0.4286	0.0000	0.4011
diabetes	0.8654	0.1346	0.8566	0.7074	0.5070
diabetes-risk	0.8989	0.1011	0.8366	0.6643	0.4796
diabetic1%	0.5392	0.3072	0.2335	0.0000	0.3411
diabetic10%	0.5697	0.2868	0.3649	0.1271	0.4959
diagnosis	1.0000	0.0000	1.0000	1.0000	0.0000
diamonds	0.9500	0.0250	0.9392	0.9305	0.0693
diamonds_all	0.7293	0.1083	0.7061	0.6127	0.3573
dishonest	1.0000	0.0000	1.0000	1.0000	0.0000
dlbcl-harvard-outcome	0.6000	0.4000	0.3750	0.0000	0.5000
dlbcl-harvard-tumor	0.8750	0.1250	0.8730	0.7143	0.4644
dlbcl-nih	0.4167	0.5833	0.3803	-0.2353	1.0000
dlbcl-stanford	0.8000	0.2000	0.8333	0.6154	0.4644

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
dorothea	0.9130	0.0870	0.6946	0.1532	0.2040
dota210%	0.5748	0.4252	0.5702	0.1369	0.9421
dropout	0.7607	0.1595	0.6547	0.5861	0.4263
drug-01	0.3989	0.1717	0.0815	0.0000	0.2998
drug-02	0.5160	0.1383	0.0972	0.0000	0.2906
drug-03	0.6968	0.1011	0.2005	0.0451	0.2527
drug-04	0.5372	0.1322	0.1816	0.0211	0.2868
drug-05	0.7340	0.0760	0.1209	0.0000	0.1777
drug-06	0.4309	0.1626	0.2226	0.2651	0.4419
drug-07	0.4521	0.1826	0.1605	0.0491	0.3300
drug-08	0.5638	0.1246	0.1871	0.1100	0.3755
drug-09	0.8670	0.0443	0.1548	0.0000	0.1156
drug-10	0.5426	0.1307	0.1592	0.0427	0.4085
drug-11	0.8511	0.0426	0.1314	0.0000	0.1240
drug-12	0.7926	0.0691	0.1474	0.0000	0.1663
drug-13	0.6277	0.1064	0.1784	0.2192	0.3095
drug-14	0.5745	0.1216	0.2261	0.1846	0.4558
drug-15	0.7606	0.0684	0.1234	0.0000	0.1811
drug-16	0.5479	0.1507	0.1884	0.1539	0.4086
drug-17	0.3617	0.1824	0.1314	0.1018	0.4358
drug-18	0.9947	0.0053	0.4987	0.0000	0.0228
drug-19	0.7713	0.0654	0.1244	0.0000	0.1604
drybean	0.9302	0.0199	0.9414	0.9155	0.1153
ecoli	0.7941	0.0686	0.6458	0.7073	0.1963
ecoliCP-IM	1.0000	0.0000	1.0000	1.0000	0.0000
ecoliM	0.8788	0.1212	0.8350	0.6700	0.5608
ecoliMU	0.8788	0.1212	0.4677	-0.0476	0.7114
ecoliOM	0.9394	0.0606	0.4844	0.0000	0.1562
ecommerce	0.2500	0.3750	0.1000	0.0000	0.4041
eeg-eye	0.8718	0.1282	0.8703	0.7404	0.5087
eeg10%	0.3723	0.0785	0.3589	0.2991	0.5669
eucalyptus	0.5753	0.1699	0.4931	0.4369	0.4483
euthyroid	0.9272	0.0728	0.7552	0.4108	0.3074
fakenews	0.4950	0.5050	0.3311	0.0000	0.5289
farm-ads	0.8744	0.1256	0.8740	0.7466	0.4956
fbis-wc	0.7561	0.0287	0.6675	0.7183	0.1836
fertility	0.9000	0.1000	0.4737	0.0000	0.2236
finance	0.8431	0.1569	0.8415	0.6808	0.5690
fishcatch	0.7500	0.0833	0.5555	0.6684	0.1248
flags	0.5500	0.1286	0.3091	0.4059	0.2671
forest	0.8846	0.0577	0.8673	0.8392	0.1287
gastrointestinal	0.6250	0.2500	0.6404	0.2941	0.3234
gender	0.5979	0.2681	0.3752	0.1268	0.5093
gene	0.8991	0.0673	0.8882	0.8395	0.2795
german	0.6500	0.3500	0.3939	0.0000	0.4745
gestures	0.7175	0.1413	0.7254	0.6234	0.4269
gina	0.8242	0.1758	0.8254	0.6476	0.6056
gisette	0.9657	0.0343	0.9658	0.9314	0.1994
glass	0.6667	0.1111	0.5022	0.5227	0.2476
glass-g2	0.3750	0.6250	0.2727	0.0000	0.5170
glassBWFP	0.8571	0.1429	0.8568	0.6736	0.3386
glassBWNFP	0.7619	0.2381	0.7237	0.4444	0.7540
glassContainers	0.9545	0.0455	0.8483	0.6452	0.1307
glassNW	0.8571	0.1429	0.7955	0.5039	0.3038
glassTableware	0.9545	0.0455	0.4884	0.0000	0.1262
glassVWFP	0.9524	0.0476	0.4878	0.0000	0.1307
GlaucomaM	0.6842	0.3158	0.6833	0.3667	0.8414
gli_85	0.7500	0.2500	0.4286	0.0000	0.4011

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
glioma	0.8000	0.1333	0.8333	0.7059	0.1585
glioma-grade	0.8810	0.1190	0.8845	0.7610	0.4620
green	0.7000	0.3000	0.4118	0.0000	0.4416
grub-damage	0.5333	0.2333	0.4343	0.3478	0.3641
gsalc	0.5556	0.1481	0.5333	0.4857	0.2007
haberman	0.7333	0.2667	0.4231	0.0000	0.4155
hapt	0.9433	0.0095	0.7599	0.9328	0.0558
har	0.9791	0.0084	0.9773	0.9736	0.0488
har701%	0.9062	0.0268	0.5328	0.8605	0.1159
harth1%	0.8689	0.0218	0.5169	0.8201	0.1353
hayes-roth	0.6875	0.2083	0.7253	0.5000	0.4011
hcc-survival	0.5882	0.4118	0.5662	0.1314	0.9439
health-activity	0.7700	0.1150	0.2175	0.0000	0.1937
heart	0.8889	0.1111	0.8914	0.7596	0.3038
heart-attack	0.8387	0.1613	0.8409	0.6681	0.5327
heart-c	0.9000	0.1000	0.9067	0.7964	0.3038
heart-failure	0.9360	0.0640	0.9249	0.8467	0.2988
heart-quantum	0.8800	0.1200	0.8783	0.7541	0.4906
hepatitis	0.7333	0.2667	0.5833	0.1667	0.8271
hERG-121inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-64inputs	0.7143	0.2857	0.4167	0.0000	0.4308
hERG-9inputs	0.7692	0.2308	0.4348	0.0000	0.3833
higgs0.1%	0.6691	0.3309	0.6683	0.3251	0.8345
higher	0.2857	0.1786	0.1970	0.1026	0.3348
hinselmann	0.8000	0.2000	0.4444	0.0000	0.3522
hitters	0.9375	0.0625	0.9373	0.8745	0.3132
hiv1-proteasa	0.8904	0.1096	0.7825	0.5332	0.4900
hiva	0.9645	0.0355	0.4910	0.0000	0.1045
horse	0.5833	0.2778	0.4481	0.1401	0.3449
hr	0.8561	0.1439	0.4612	-0.0135	0.4899
htru2	0.9760	0.0240	0.9240	0.8394	0.1454
hypothyroid	0.9523	0.0239	0.6183	0.6663	0.1684
hypothyroidT	0.9337	0.0663	0.7163	0.2280	0.1682
ilpd	0.7119	0.2881	0.4158	0.0000	0.4327
immuno-therapy	0.7778	0.2222	0.4375	0.0000	0.3750
instagram	0.9500	0.0250	0.9511	0.9333	0.0946
ionosphere	0.8857	0.1143	0.8767	0.7473	0.4951
iris	1.0000	0.0000	1.0000	1.0000	0.0000
irish	1.0000	0.0000	1.0000	1.0000	0.0000
isolet	0.9268	0.0056	0.9292	0.9239	0.0662
jm1	0.8108	0.1892	0.6061	0.0898	0.5272
jvowels	0.9880	0.0027	0.9877	0.9863	0.0204
kc1	0.8436	0.1564	0.4576	0.0000	0.3019
kc1-class-level-defectiveornot	0.8000	0.2000	0.8333	0.6154	0.4644
kc1-class-level-numericdefect	0.7692	0.0923	0.3733	0.3500	0.1770
kc1-class-level-top5percentDF	0.9333	0.0667	0.4828	0.0000	0.1675
kc2	0.8077	0.1923	0.6501	0.2145	0.6041
kdc-4007	0.8030	0.0563	0.8059	0.7700	0.2937
kddcup981%	0.9474	0.0526	0.4865	0.0000	0.1408
kddcup9810%	0.9487	0.0513	0.4868	0.0000	0.1382
kepler	0.7636	0.1576	0.7198	0.6015	0.2183
kidney-disease	1.0000	0.0000	1.0000	1.0000	0.0000
krkopt	0.6952	0.0339	0.6736	0.6587	0.3049
krvskp	0.9592	0.0408	0.9594	0.9184	0.2259
la1s-wc	0.7492	0.0836	0.6924	0.6823	0.3776
la2s-wc	0.7881	0.0706	0.7609	0.7320	0.3356
labor	1.0000	0.0000	1.0000	1.0000	0.0000
leaf	0.5000	0.0435	0.4209	0.4779	0.1234

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
led24	0.7500	0.0556	0.7588	0.7135	0.1301
lenses	0.6667	0.2222	0.5714	0.5000	0.1761
letter	0.9455	0.0042	0.9453	0.9433	0.0586
leukemia	0.8571	0.0952	0.8889	0.7879	0.1659
leukemia2	0.8571	0.1429	0.8750	0.7200	0.4011
libra	0.7500	0.0333	0.7362	0.7325	0.0978
linkage1%	0.9998	0.0002	0.9879	0.9755	0.0012
liver	0.6765	0.3235	0.6393	0.2780	0.8579
loan	0.9157	0.0843	0.9097	0.8174	0.3754
localization10%	0.6729	0.0595	0.4178	0.5748	0.3655
lrs	0.8491	0.0431	0.6147	0.7897	0.1104
lung	0.9048	0.0381	0.8558	0.8091	0.0720
lung_discrete	0.7500	0.1000	0.6650	0.6735	0.1392
lung-cancer	0.3333	0.4444	0.2222	0.0000	0.3451
lung-cancer-harvard1	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-harvard2	1.0000	0.0000	1.0000	1.0000	0.0000
lung-cancer-michigan	0.7778	0.2222	0.4375	-0.1250	0.7500
lung-cancer-ontario	0.3333	0.6667	0.2500	-0.5000	1.0000
lupus	0.5556	0.4444	0.3571	0.0000	0.5164
lymphography	0.7143	0.1905	0.4934	0.4510	0.4120
lymphoma2	0.7778	0.0741	0.6027	0.6842	0.0942
machine-failure	0.9043	0.0957	0.9019	0.8035	0.4270
madelon	0.5154	0.4846	0.5154	0.0308	0.9907
magic04	0.8501	0.1499	0.8327	0.6631	0.5709
malware	1.0000	0.0000	1.0000	1.0000	0.0000
mammography	0.8438	0.1562	0.8482	0.6891	0.5486
marketing	0.8661	0.1339	0.6818	0.3332	0.6348
maternal	0.6436	0.2376	0.6437	0.4508	0.5332
math	0.7750	0.1125	0.5784	0.6285	0.2271
mba	0.8387	0.1075	0.3041	0.0000	0.1712
mental-disorders	0.8333	0.0833	0.8654	0.7778	0.1572
mental-health	0.1933	0.3227	0.1461	-0.0168	0.6947
messidor	0.6957	0.3043	0.6928	0.3850	0.8264
meter-A	0.6250	0.3750	0.3846	0.0000	0.4882
meter-B	0.6667	0.2222	0.6933	0.5000	0.4552
meter-C	0.5000	0.2500	0.3125	0.2800	0.3075
meter-D	0.7778	0.1111	0.6252	0.6828	0.2443
mfeat-fac	0.9750	0.0050	0.9759	0.9722	0.0312
mfeat-fou	0.8100	0.0380	0.8059	0.7889	0.1556
mfeat-kar	0.9650	0.0070	0.9657	0.9611	0.0416
mfeat-mor	0.7250	0.0550	0.7052	0.6944	0.1792
mfeat-pix	0.9700	0.0060	0.9710	0.9667	0.0374
mfeat-zer	0.8550	0.0290	0.8544	0.8389	0.0868
mice-prot	1.0000	0.0000	1.0000	1.0000	0.0000
milk	0.8585	0.0943	0.8496	0.7768	0.1274
mines	0.5294	0.1882	0.4430	0.4106	0.3462
mobile	0.7622	0.0085	0.7745	0.7579	0.1066
monks-1	0.7818	0.2182	0.7842	0.5623	0.6791
monks-2	0.8033	0.1967	0.7779	0.5542	0.6781
monks-3	0.9643	0.0357	0.9642	0.9285	0.2076
mouse-viral	1.0000	0.0000	1.0000	1.0000	0.0000
mushroom	1.0000	0.0000	1.0000	1.0000	0.0000
music	0.5172	0.0878	0.5316	0.4109	0.4857
musk	0.9197	0.0803	0.8318	0.6251	0.3264
MUT_ci300400a_cdk_ECFP2	0.7842	0.2158	0.7776	0.5551	0.6995
MUT_ci300400a_cdk_ECFP4	0.7892	0.2108	0.7813	0.5610	0.6866
MUT_ci300400a_cdk_ECFP6	0.7401	0.2599	0.7295	0.4560	0.7660
MUT_ci300400a_cdk_ESTATE	0.7410	0.2590	0.7300	0.4563	0.7632

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
MUT_ci300400a_cdk_EXTENDED	0.7794	0.2206	0.7728	0.5456	0.7079
MUT_ci300400a_cdk_FCFP2	0.8275	0.1725	0.8215	0.6420	0.6124
MUT_ci300400a_cdk_FCFP4	0.7878	0.2122	0.7808	0.5613	0.6926
MUT_ci300400a_cdk_FCFP6	0.7446	0.2554	0.7349	0.4685	0.7627
MUT_ci300400a_cdk_MACCS	0.7974	0.2026	0.7911	0.5821	0.6755
MUT_ci300400a_cdk_PUBCHEM	0.7964	0.2036	0.7885	0.5728	0.6653
MUT_ci300400a_cdk_STANDARD	0.7497	0.2503	0.7413	0.4824	0.7564
MUT_ci300400a_rdkit_descriptors	0.7644	0.2356	0.7568	0.5067	0.7151
myocardial	0.8824	0.0294	0.3102	0.3867	0.0971
naticusdroid	0.9601	0.0399	0.9603	0.9203	0.2217
NCI60	0.6667	0.1111	0.5714	0.6000	0.1060
nci9	0.8333	0.0556	0.7895	0.8000	0.0530
ncRNA1%	0.8707	0.0136	0.1685	0.5786	0.1111
neo	0.9074	0.0926	0.6456	0.1445	0.3912
new-thyroid	0.9524	0.0317	0.9318	0.8871	0.0685
new-thyroidT	0.9048	0.0952	0.8056	0.6111	0.5744
new3s-wc	0.7321	0.0122	0.7216	0.7234	0.2184
NHANES_age_prediction	0.9648	0.0352	0.9317	0.8584	0.1961
NPHA-doctor-visits	0.5278	0.3148	0.2303	0.0000	0.3630
nursery	0.9792	0.0104	0.9210	0.9693	0.0367
obesity	0.9005	0.0284	0.8988	0.8837	0.1199
obs	0.5926	0.2037	0.4454	0.3063	0.3450
occupancy	0.9903	0.0097	0.9867	0.9730	0.1155
Occupancy_Estimation	0.9901	0.0049	0.9677	0.9700	0.0463
oh0-wc	0.7129	0.0574	0.6594	0.6699	0.2604
oh10-wc	0.6476	0.0705	0.6066	0.5981	0.3358
oh15-wc	0.5870	0.0826	0.5181	0.5285	0.3819
oh5-wc	0.6703	0.0659	0.6733	0.6268	0.3001
ohscal-wc	0.6980	0.0604	0.6824	0.6611	0.3871
olive	0.9123	0.0195	0.8950	0.8897	0.0437
opn310k10%	0.9113	0.0887	0.4768	0.0000	0.2055
optdigits	0.9680	0.0064	0.9694	0.9644	0.0480
optdigitsZ	0.9964	0.0036	0.9889	0.9776	0.0175
orl	0.8000	0.0100	0.7584	0.7949	0.0349
orlraws10P	0.9000	0.0200	0.8743	0.8889	0.0253
ovarian-cancer	0.9600	0.0400	0.9593	0.9153	0.2236
ozone1hr	0.9644	0.0356	0.4909	0.0000	0.1048
ozone8hr	0.9209	0.0791	0.4794	-0.0076	0.3989
P-Glycoprotein_b_Inhibitor_RDkit_AtomPair_FP	0.8093	0.1907	0.7820	0.5607	0.6629
P-Glycoprotein_c_RDkit_AtomPair_FP	0.9206	0.0794	0.9203	0.8406	0.3703
p53-mutants10%	0.9968	0.0032	0.4992	0.0000	0.0148
page-blocks	0.9013	0.0395	0.1903	0.0576	0.1514
parkinson	0.9417	0.0583	0.9399	0.8797	0.3052
parkinsons	0.8199	0.1801	0.8087	0.6175	0.6396
parkinsons-small	0.8421	0.1579	0.7920	0.4956	0.3261
particle10%	0.8815	0.1185	0.8493	0.6960	0.5142
pasture	0.2500	0.5000	0.1333	-0.3333	0.5961
pc1	0.9279	0.0721	0.4813	0.0000	0.1773
pcmac	0.5773	0.4227	0.5033	0.0019	0.7080
pcos	1.0000	0.0000	1.0000	1.0000	0.0000
pd	0.7500	0.2500	0.4286	0.0000	0.4011
pediatric-leukemia	0.7059	0.0840	0.6509	0.6455	0.2721
pendigits	0.9936	0.0013	0.9934	0.9929	0.0124
period	0.6667	0.3333	0.4000	0.0000	0.4644
period-10f	0.6667	0.3333	0.4000	0.0000	0.4644
persistency	0.7872	0.2128	0.7677	0.5222	0.6692
pet-adoption	0.8700	0.1300	0.8496	0.6943	0.5134
phishing	0.9510	0.0490	0.9485	0.8965	0.2569

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
phone-acc0.1%	0.7343	0.0759	0.6990	0.6887	0.2578
phone-gyr0.1%	0.7653	0.0671	0.7458	0.7247	0.2621
phoneme	0.8519	0.1481	0.8116	0.6202	0.5924
pima	0.5921	0.4079	0.3719	-0.0261	0.6586
placement	0.7900	0.2100	0.7831	0.5655	0.6871
plant-growth	0.5263	0.4737	0.3448	0.0000	0.5239
plrx	0.7222	0.2778	0.4194	0.0000	0.4246
poker1%	0.5541	0.1274	0.1611	0.1459	0.3016
polish-1st	0.9616	0.0384	0.4902	0.0000	0.1111
polish-2nd	0.9607	0.0393	0.4900	0.0000	0.1131
polish-3rd	0.9514	0.0486	0.4876	-0.0019	0.2419
polish-4th	0.9459	0.0541	0.4861	-0.0020	0.2498
polish-5th	0.9323	0.0677	0.6695	0.0445	0.1696
polya	0.7741	0.2259	0.7460	0.4846	0.7152
post-operative	0.6667	0.3333	0.4000	0.0000	0.4644
pred-tox_mutagen_ref-desc	0.6471	0.3529	0.6494	0.2941	0.8709
prestige	0.8889	0.0741	0.8889	0.8302	0.1290
primary-tumor	0.6061	0.0606	0.4239	0.5479	0.1795
profb	0.6716	0.3284	0.4018	0.0000	0.4612
promoters	0.6000	0.4000	0.3750	0.0000	0.5000
prostate	0.6429	0.3571	0.7276	0.3396	0.5193
prostate_GE	1.0000	0.0000	1.0000	1.0000	0.0000
puc-rio10%	0.9698	0.0121	0.9584	0.9594	0.0597
pulsar	0.9777	0.0223	0.9303	0.8521	0.1126
raisin	0.8889	0.1111	0.8924	0.7778	0.4271
rcv11%	0.8185	0.0089	0.5019	0.7980	0.1584
re0-wc	0.7267	0.0421	0.5399	0.6266	0.3287
re1-wc	0.6566	0.0275	0.3880	0.5971	0.2542
rejafada	0.9648	0.0352	0.4910	0.0000	0.1039
relathe	0.9930	0.0070	0.9929	0.9858	0.0469
reuters21578	0.8482	0.0063	0.3316	0.7884	0.1588
rice	0.9863	0.0137	0.9862	0.9722	0.0900
rnaseq	1.0000	0.0000	1.0000	1.0000	0.0000
rocket	0.6125	0.3875	0.5797	0.1502	0.9103
satimage	0.9067	0.0311	0.8941	0.8844	0.1403
satimageF	0.9813	0.0187	0.9514	0.9026	0.2183
satimageT	0.9440	0.0560	0.8267	0.6254	0.3483
scadi	0.8571	0.0571	0.7467	0.8056	0.0503
schiller	0.7778	0.2222	0.4375	0.0000	0.3750
schizo	0.5000	0.5000	0.5000	0.0000	0.8489
sclerosis	1.0000	0.0000	1.0000	1.0000	0.0000
secom	0.9295	0.0705	0.4817	-0.0118	0.4777
seeds	0.9524	0.0317	0.9553	0.9286	0.0868
segment	0.9177	0.0235	0.9251	0.9038	0.1088
segmentation	0.8267	0.1733	0.8067	0.6013	0.5910
segmentO	0.9913	0.0087	0.9826	0.9647	0.0385
seismic	0.9341	0.0659	0.6083	0.0927	0.3832
semeion	0.9874	0.0126	0.9645	0.9264	0.0498
sens-1-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-10-gram	0.8661	0.1339	0.4641	0.0000	0.2727
sens-2-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-3-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-4-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-5-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-6-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-7-gram	0.8658	0.1342	0.4640	-0.0052	0.3810
sens-8-gram	0.8684	0.1316	0.4648	0.0000	0.2696
sens-9-gram	0.8684	0.1316	0.4648	0.0000	0.2696

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
sepsis	0.9093	0.0907	0.4763	0.0000	0.2087
shoppers	0.8808	0.1192	0.7305	0.3780	0.4528
shuttle	0.9966	0.0010	0.6542	0.9902	0.0057
sick	0.9469	0.0530	0.7367	0.4210	0.4266
sirtuin6	0.9000	0.1000	0.9083	0.8000	0.3145
skin10%	0.9947	0.0053	0.9921	0.9840	0.0796
smarket	0.9600	0.0400	0.9601	0.9200	0.2250
smart-farming	0.2600	0.3700	0.1032	0.0000	0.4021
smk_can_187	0.6316	0.3684	0.6315	0.2486	0.8662
soil_pollution	0.1900	0.3240	0.1979	-0.0142	0.8290
solar-flare	0.7122	0.0959	0.5653	0.6271	0.2055
sonar	0.4000	0.6000	0.3979	-0.2000	1.0000
soybean	0.9559	0.0046	0.8965	0.9515	0.0162
spam-detection	0.9515	0.0485	0.8418	0.6756	0.4070
spambase	0.8957	0.1043	0.8903	0.7784	0.4370
spect	0.8000	0.2000	0.4444	0.0000	0.3522
spectf	0.7714	0.2286	0.7046	0.4043	0.7557
spectrometer	0.3019	0.0499	0.1597	0.2521	0.2288
splice-EI	0.9243	0.0757	0.9038	0.8058	0.4238
splice-IE	0.7855	0.2145	0.6643	0.1472	0.4461
sport-articles	0.8300	0.1700	0.8321	0.6528	0.5854
squash-stored	0.6000	0.2667	0.5000	0.3333	0.3447
squash-unstored	1.0000	0.0000	1.0000	1.0000	0.0000
startup	1.0000	0.0000	1.0000	1.0000	0.0000
steel_industry	0.8510	0.0993	0.8177	0.7569	0.3235
steel-b	0.8000	0.2000	0.6645	0.3185	0.7474
steel-d	0.9846	0.0154	0.8543	0.6597	0.0550
steel-k	0.9846	0.0154	0.9763	0.9515	0.0643
steel-o	0.7897	0.2103	0.7600	0.4976	0.6504
steel-p	0.9179	0.0821	0.4786	0.0000	0.1945
steel-s	0.9846	0.0154	0.8971	0.7920	0.3007
steel-z	0.9692	0.0308	0.9125	0.8251	0.3478
stock	0.8125	0.1875	0.5423	0.0328	0.5916
stockb	0.9868	0.0088	0.9868	0.9802	0.0479
streaming	0.8780	0.1220	0.8765	0.7528	0.4934
stress	1.0000	0.0000	1.0000	1.0000	0.0000
student-lifestyle	0.6250	0.1500	0.2766	0.3600	0.3285
student-depression	0.8283	0.1717	0.8217	0.6411	0.6061
student-habits	0.3800	0.2480	0.1101	0.0000	0.3267
student-weekend	0.4462	0.2215	0.3901	0.1872	0.4143
student-workday	0.7031	0.1187	0.1651	0.0000	0.2066
studentap	0.3077	0.4615	0.1569	-0.1250	0.5901
susy1%	0.7966	0.2034	0.7963	0.5847	0.6475
tae	0.4667	0.3556	0.4714	0.2000	0.7595
telco-churn	0.8935	0.1065	0.8582	0.7085	0.4565
texture	0.9982	0.0003	0.9982	0.9980	0.0028
theorem	1.0000	0.0000	1.0000	1.0000	0.0000
thoracic	0.8511	0.1489	0.4598	0.0000	0.2925
thrombin	0.9648	0.0352	0.4910	-0.0114	0.5522
Thyroid_Diff	0.9474	0.0526	0.9365	0.8648	0.1717
tic-tac-toe	0.9789	0.0211	0.9766	0.9521	0.0938
tis10%	0.7537	0.2463	0.4298	0.0000	0.3977
titanic	0.8182	0.1818	0.7833	0.5545	0.6262
tourist	0.6250	0.1500	0.2894	0.4146	0.1775
tox_171	0.7059	0.1471	0.7318	0.6047	0.3212
toxicity	0.6471	0.3529	0.3929	0.0000	0.4762
toxicity-13f	0.6471	0.3529	0.3929	0.0000	0.4762
trains	1.0000	0.0000	1.0000	1.0000	0.0000

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Dataset	Accuracy	Error-rate	F1-macro	Kappa	CEN
transfusion	0.7467	0.2533	0.4275	-0.0259	0.6170
trec11-wc	0.7317	0.0596	0.5409	0.6627	0.2366
trec12-wc	0.5806	0.1048	0.5264	0.4605	0.2619
trec21-wc	0.7273	0.1091	0.3697	0.1562	0.1936
trec23-wc	0.6190	0.1270	0.4727	0.4783	0.2473
trec31-wc	0.9032	0.0323	0.8386	0.8711	0.1832
trec41-wc	0.7841	0.0432	0.5939	0.7306	0.2170
trec45-wc	0.5942	0.0812	0.4636	0.5204	0.3401
tuandromd	0.9772	0.0228	0.9644	0.9283	0.2200
turkish	0.7750	0.1125	0.7721	0.7000	0.2771
tvnews1%	0.8615	0.1385	0.8493	0.6948	0.5304
tvnews10%	0.8843	0.1157	0.8742	0.7455	0.4710
ur3_cobotops_grip	0.9673	0.0327	0.4917	0.0000	0.0981
ur3_cobotops_stop	0.9633	0.0367	0.4906	0.0000	0.1074
urban	0.7164	0.0630	0.6773	0.6644	0.2147
urinalysis	0.9441	0.0559	0.4856	0.0000	0.1473
ustilago1%	0.9902	0.0098	0.4975	0.0000	0.0377
vehicle	0.7143	0.1429	0.7019	0.6214	0.2483
vehicleVAN	0.9762	0.0238	0.9682	0.9344	0.0938
voice	0.6667	0.3333	0.4000	0.0000	0.4644
vote	0.9302	0.0698	0.9307	0.8605	0.3321
vowel	0.6869	0.0569	0.7065	0.6556	0.1628
vowelZ	0.9394	0.0606	0.7898	0.4762	0.1598
wap-wc	0.7115	0.0288	0.4935	0.6780	0.2284
warpar10p	0.6923	0.0615	0.6240	0.6556	0.0975
warppie10p	0.9048	0.0190	0.9164	0.8939	0.0424
watch-acc1%	0.8049	0.0558	0.8007	0.7716	0.2414
watch-gyr1%	0.7567	0.0695	0.7525	0.7158	0.3037
water_pollution	0.2567	0.3717	0.1610	-0.0035	0.5128
waveform	0.8460	0.1027	0.8462	0.7690	0.3509
weather-related	0.9558	0.0080	0.9570	0.9497	0.0502
web-phishing	0.8370	0.1086	0.6741	0.6963	0.3679
Weekly	0.9630	0.0370	0.9627	0.9247	0.2012
white-clover	0.6667	0.3333	0.6250	0.2500	0.8750
wifi-loc	0.9950	0.0025	0.9950	0.9933	0.0128
wilt	0.9793	0.0207	0.8795	0.7268	0.0704
wine	1.0000	0.0000	1.0000	1.0000	0.0000
winequality-red	0.6289	0.1237	0.3001	0.3888	0.3555
winequality-white	0.6053	0.1316	0.3354	0.3715	0.4425
wisc_bc	0.9649	0.0351	0.9623	0.9246	0.2141
yale	0.3125	0.0917	0.2573	0.2667	0.2095
yeast	0.5338	0.1036	0.3928	0.3989	0.4056
yeastCYT-POX	0.9796	0.0204	0.9047	0.7897	0.4644
yeastEXC	0.9730	0.0270	0.6755	0.3211	0.4991
yeastME1	0.9730	0.0270	0.4932	0.0000	0.0848
yeastME2	0.9527	0.0473	0.4879	0.0000	0.1300
zip	0.9301	0.0140	0.9239	0.9216	0.1054

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